

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092519\
 Data File : VW013292.D
 Acq On : 25 Sep 2019 11:41
 Operator : SY/VA
 Sample : VW0925SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 3:33:17 PM

Quant Time: Sep 25 17:36:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183082	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	117248	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.88	113	113511	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.32	98	475272	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.62	95	164439	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30397	18.408	ug/l	92
3) Chloromethane	2.21	50	42229	19.894	ug/l	98
4) Vinyl Chloride	2.35	62	56494	20.644	ug/l	94
5) Bromomethane	2.78	94	34432	19.854	ug/l	89
6) Chloroethane	2.91	64	31941	19.801	ug/l	95
7) Trichlorofluoromethane	3.25	101	29565	18.736	ug/l	96
8) Diethyl Ether	3.68	74	28392	21.064	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53516	20.831	ug/l	99
10) Methyl Iodide	4.27	142	78513	19.711	ug/l	99
11) Tert butyl alcohol	5.20	59	21290	121.384	ug/l	95
12) 1,1-Dichloroethene	4.03	96	53145	19.977	ug/l	97
13) Acrolein	3.89	56	15076	112.093	ug/l	97
14) Allyl chloride	4.67	41	85312	20.149	ug/l	98
15) Acrylonitrile	5.37	53	74158	127.470	ug/l	97
16) Acetone	4.13	43	62086	117.836	ug/l	98
17) Carbon Disulfide	4.38	76	150194	19.532	ug/l	98
18) Methyl Acetate	4.67	43	37549	25.353	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	92080	22.583	ug/l	100
20) Methylene Chloride	4.92	84	58857	20.105	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	58327	20.285	ug/l	98
22) Diisopropyl ether	6.31	45	163850	20.351	ug/l	97
23) Vinyl Acetate	6.25	43	540508	113.161	ug/l	100
24) 1,1-Dichloroethane	6.21	63	96169	19.794	ug/l	97
25) 2-Butanone	7.17	43	101163	127.902	ug/l	99
26) 2,2-Dichloropropane	7.16	77	64295	20.127	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	61438	20.247	ug/l	99
28) Bromochloromethane	7.51	49	32207	17.272	ug/l #	94
29) Tetrahydrofuran	7.53	42	65175	134.366	ug/l	98
30) Chloroform	7.67	83	93482	19.653	ug/l	96
31) Cyclohexane	7.95	56	105996	20.930	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	77251	20.053	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82891	21.069	ug/l	99
37) Ethyl Acetate	7.25	43	43399	25.956	ug/l	98
38) Carbon Tetrachloride	8.06	117	72598	20.585	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108113	21.384	ug/l	98
40) Benzene	8.32	78	226628	20.652	ug/l	100
41) Methacrylonitrile	7.48	41	23979	24.029	ug/l	92
42) 1,2-Dichloroethane	8.40	62	62379	21.146	ug/l	99
43) Isopropyl Acetate	8.42	43	78281	24.428	ug/l	97
44) Trichloroethene	9.09	130	63513	20.629	ug/l	96
45) 1,2-Dichloropropane	9.37	63	56171	20.966	ug/l	98
46) Dibromomethane	9.46	93	28353	21.798	ug/l	96
47) Bromodichloromethane	9.65	83	66647	20.137	ug/l	99
48) Methyl methacrylate	9.44	41	36613	24.297	ug/l	97
49) 1,4-Dioxane	9.47	88	11224	574.865	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	209500	130.404	ug/l	100
52) Toluene	10.38	92	149002	21.186	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	71387	20.994	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85935	20.785	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43877	22.569	ug/l	97
56) Ethyl methacrylate	10.65	69	59823	23.512	ug/l	98
57) 1,3-Dichloropropane	10.93	76	76533	22.559	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	136406	115.804	ug/l	98
59) 2-Hexanone	10.97	43	148708	134.541	ug/l	100
60) Dibromochloromethane	11.13	129	46686	21.148	ug/l	98
61) 1,2-Dibromoethane	11.23	107	42521	23.003	ug/l	97
64) Tetrachloroethene	10.86	164	55726	20.954	ug/l	97
65) Chlorobenzene	11.66	112	151226	20.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	51636	20.650	ug/l	98
67) Ethyl Benzene	11.73	91	277179	20.900	ug/l	97
68) m/p-Xylenes	11.84	106	215434	42.630	ug/l	100
69) o-Xylene	12.16	106	97988	20.855	ug/l	99
70) Styrene	12.18	104	169466	21.009	ug/l	100
71) Bromoform	12.35	173	30442	23.044	ug/l #	100
73) Isopropylbenzene	12.46	105	274870	20.324	ug/l	100
74) N-amyl acetate	12.27	43	70371	23.449	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	54416	24.058	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	42062m	26.015	ug/l	
77) Bromobenzene	12.75	156	66371	20.709	ug/l	98
78) n-propylbenzene	12.80	91	323810	20.454	ug/l	99
79) 2-Chlorotoluene	12.89	91	180866	20.393	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	230933	20.313	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16381	22.734	ug/l	94
82) 4-Chlorotoluene	12.99	91	191620	20.488	ug/l	99
83) tert-Butylbenzene	13.21	119	205516	20.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	229110	20.252	ug/l	99
85) sec-Butylbenzene	13.38	105	285723	20.769	ug/l	100
86) p-Isopropyltoluene	13.50	119	262678	20.586	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	124580	20.198	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	125718	20.782	ug/l	99
89) n-Butylbenzene	13.82	91	240040	20.602	ug/l	99
90) Hexachloroethane	14.09	117	42513	19.833	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	112193	21.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8688	25.113	ug/l	94

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MSVOA_W
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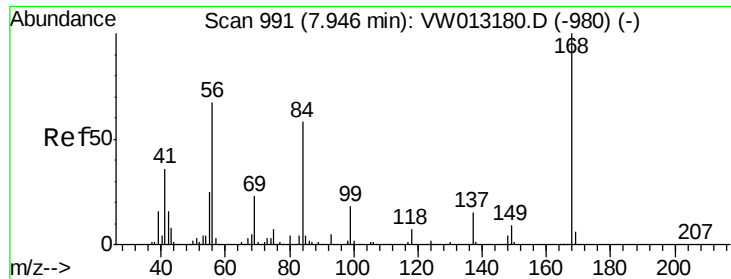
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	79716	20.848	ug/l	99
94) Hexachlorobutadiene	15.24	225	55479	21.207	ug/l	99
95) Naphthalene	15.36	128	151053	24.154	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	70871	21.450	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion:168 Resp: 286272

Ion Ratio Lower Upper

168 100

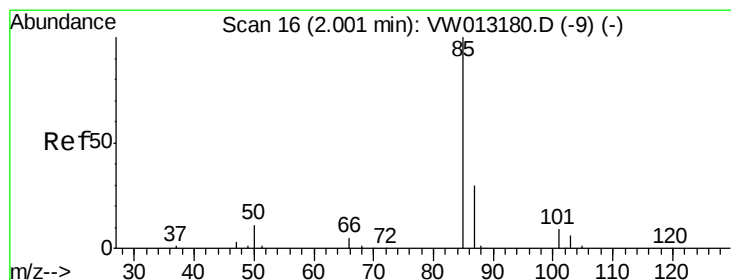
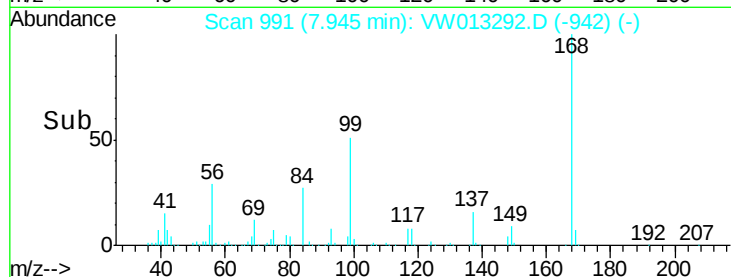
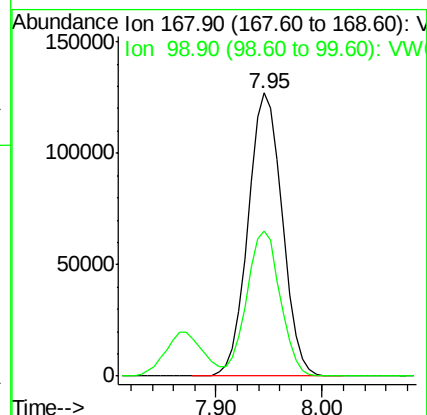
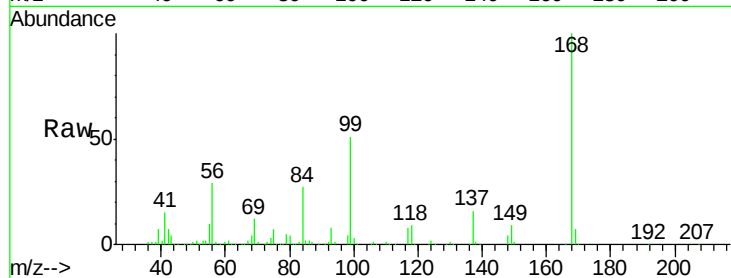
99 51.4 40.2 60.4

Manual Integrations

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9/26/2019 3:33:17 PM



#2

Dichlorodifluoromethane

Concen: 18.408 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW013292.D

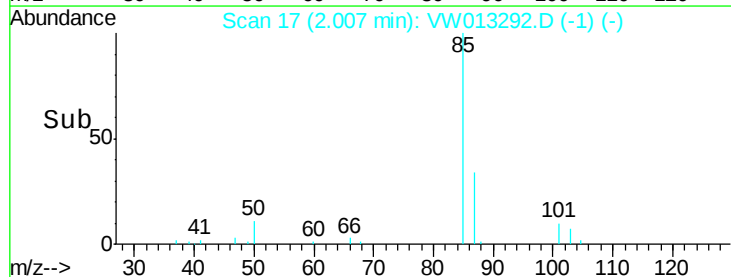
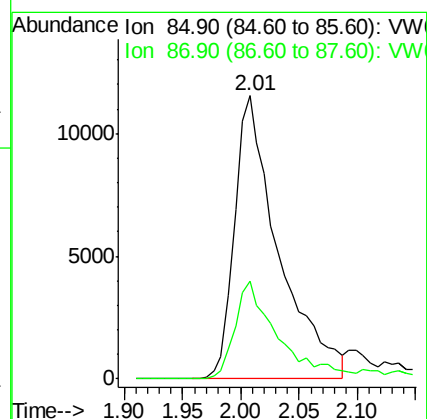
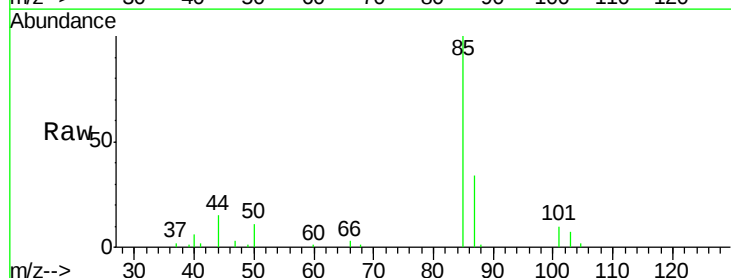
Acq: 25 Sep 2019 11:41

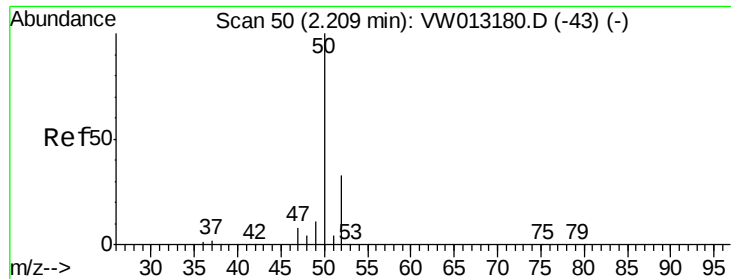
Tgt Ion: 85 Resp: 30397

Ion Ratio Lower Upper

85 100

87 34.4 15.1 45.3





#3

Chloromethane

Concen: 19.894 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion: 50 Resp: 42229

Ion Ratio Lower Upper

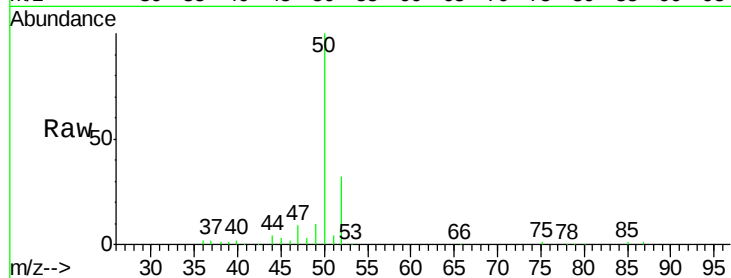
50 100

52 31.7 26.1 39.1

Manual Integrations
APPROVED

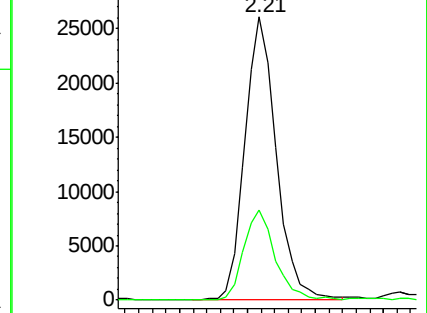
MMDadoda

9/26/2019 3:33:17 PM

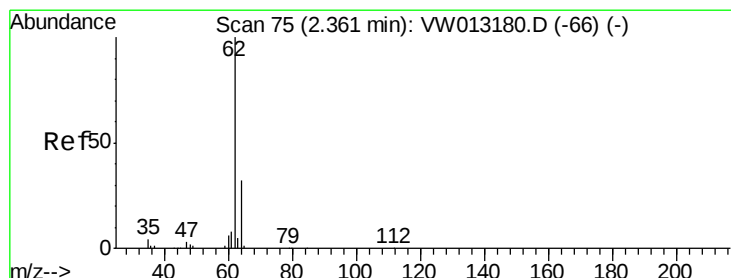
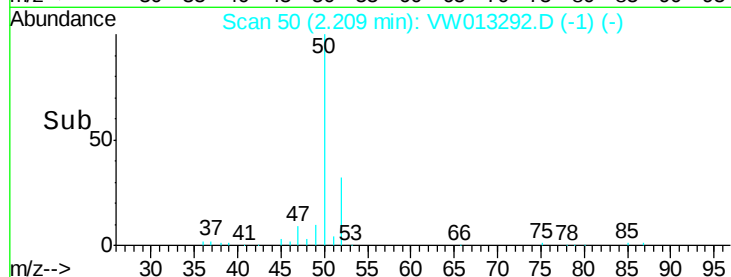


Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



Time-->



#4

Vinyl Chloride

Concen: 20.644 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013292.D

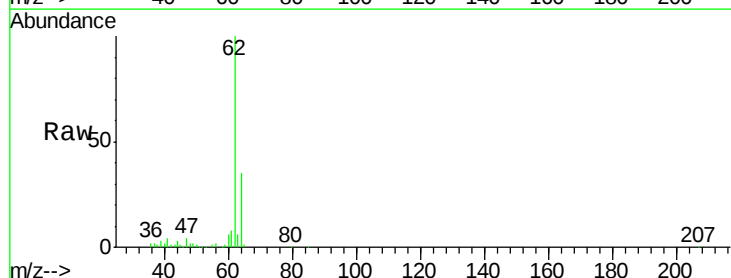
Acq: 25 Sep 2019 11:41

Tgt Ion: 62 Resp: 56494

Ion Ratio Lower Upper

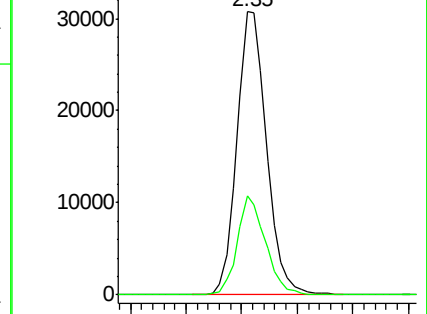
62 100

64 35.2 25.3 37.9

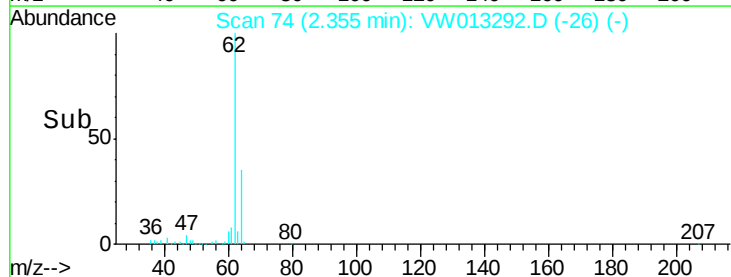


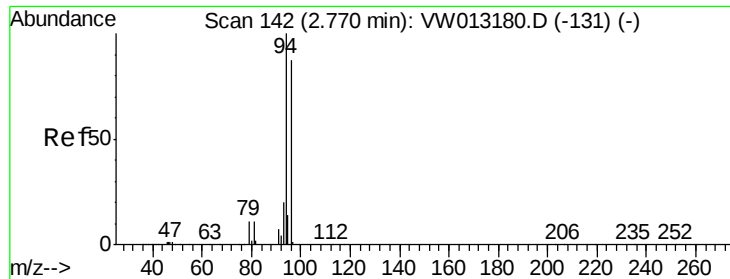
Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



Time-->





#5

Bromomethane

Concen: 19.854 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 94 Resp: 34432

Ion Ratio Lower Upper

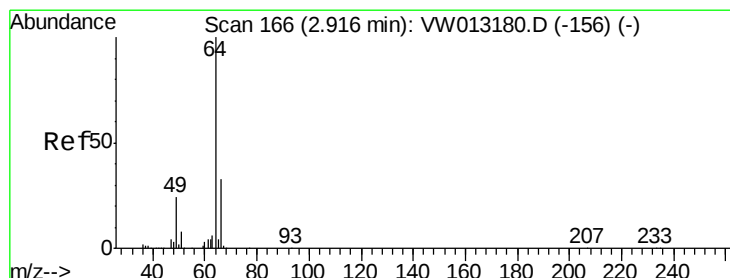
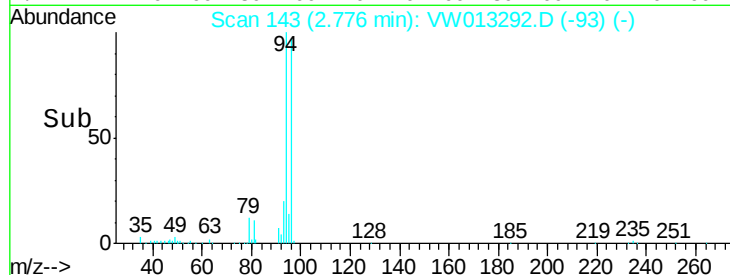
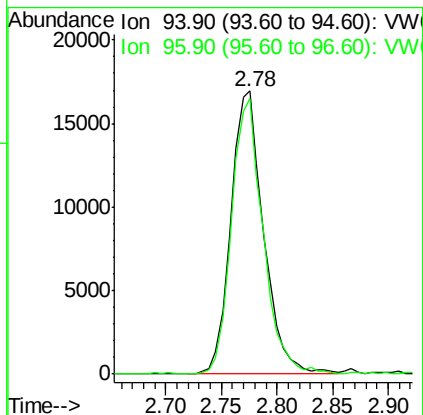
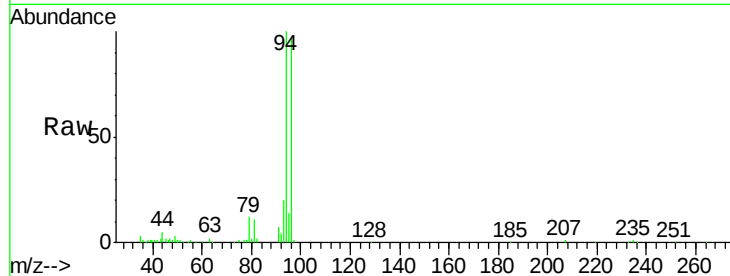
94 100

96 97.4 69.7 104.5

Manual Integrations
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#6

Chloroethane

Concen: 19.801 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013292.D

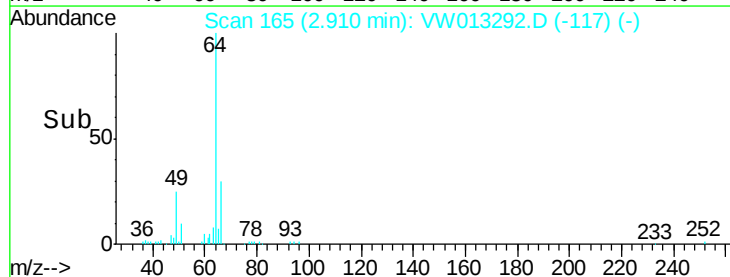
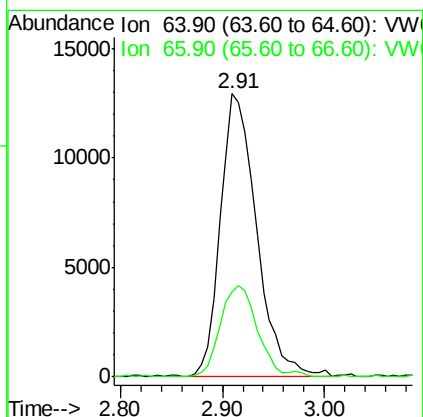
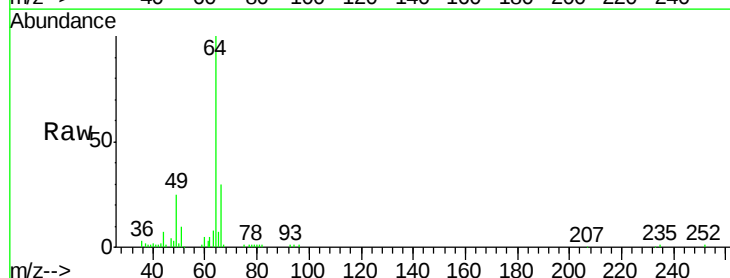
Acq: 25 Sep 2019 11:41

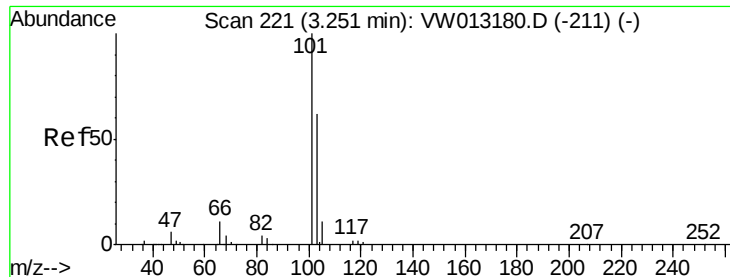
Tgt Ion: 64 Resp: 31941

Ion Ratio Lower Upper

64 100

66 30.2 26.6 39.8





#7

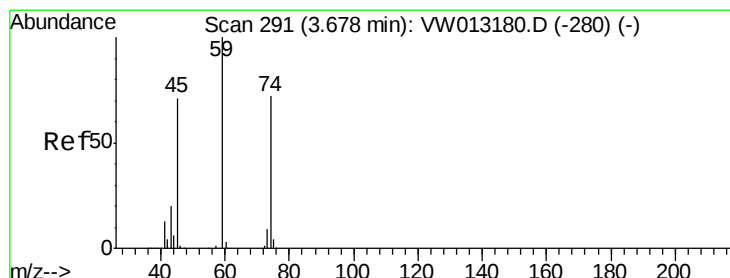
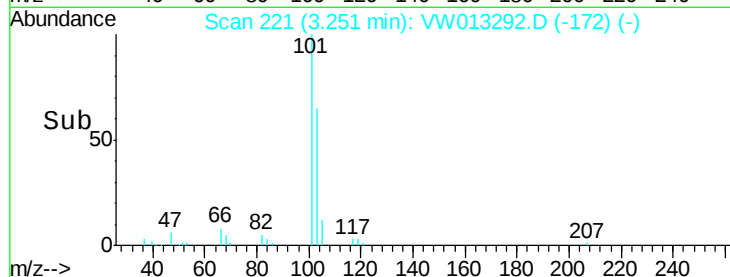
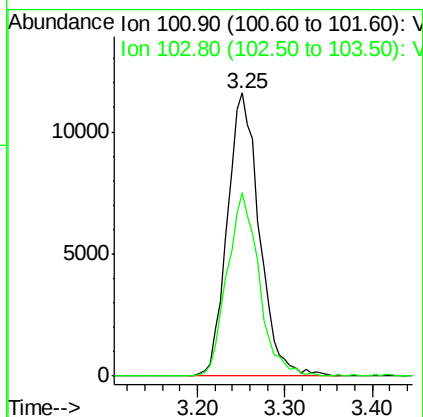
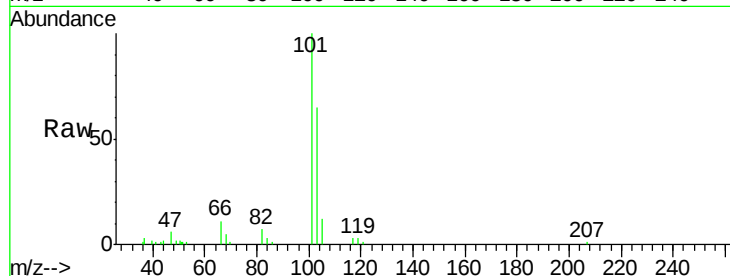
Trichlorofluoromethane
Concen: 18.736 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
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ClientSampleId :
VW0925SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		29565		
103	64.8	49.7	74.5		

Manual Integrations
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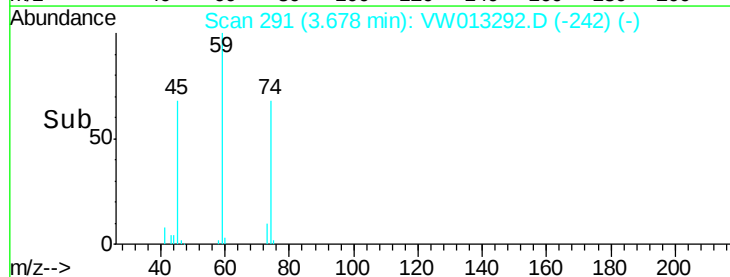
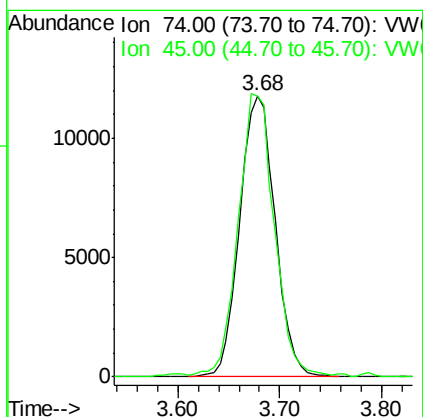
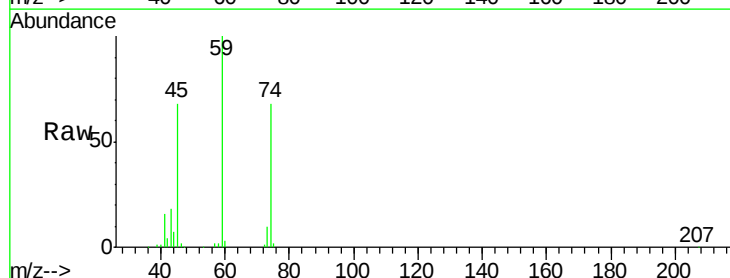
MMDadoda
9/26/2019 3:33:17 PM

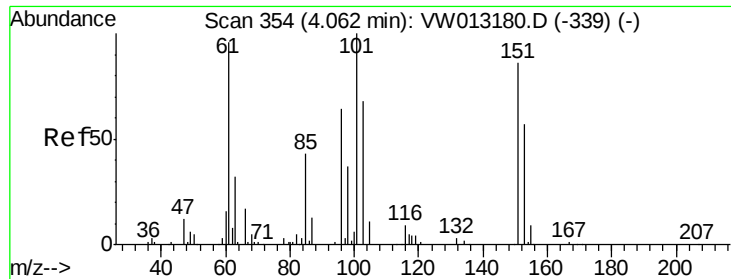


#8

Diethyl Ether
Concen: 21.064 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		28392		
45	103.3	49.5	148.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.831 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

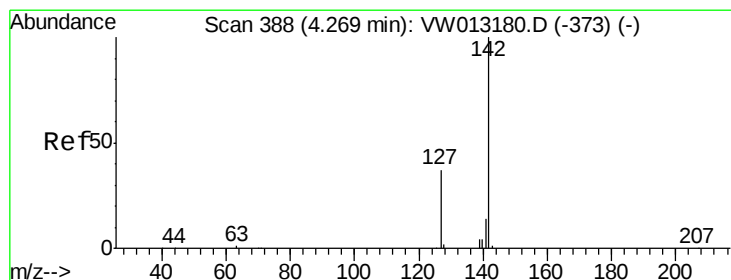
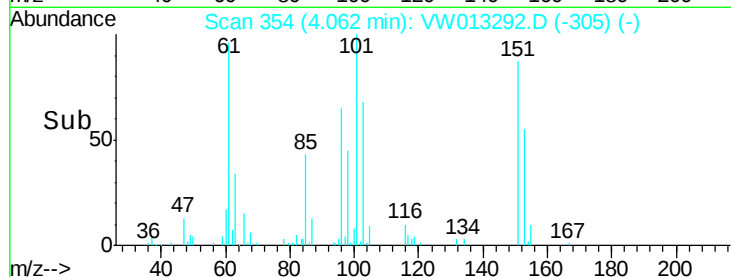
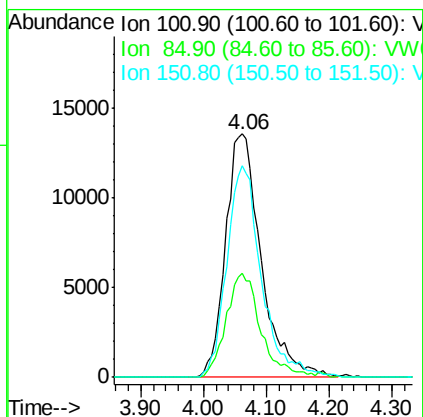
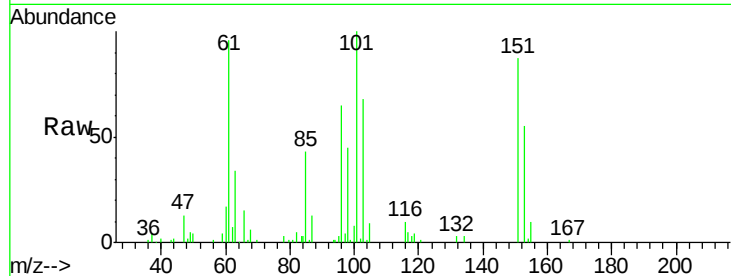
ClientSampleId :

VW0925SBSD01

Tot Ion:	101	Resp:	53516
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.4	50.0
151	83.9	66.9	100.3

Manual Integrations
APPROVED

MMDadoda
9/26/2019 3:33:17 PM



#10

Methyl Iodide

Concen: 19.711 ug/l

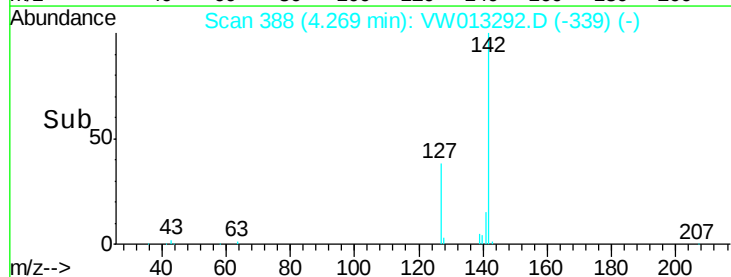
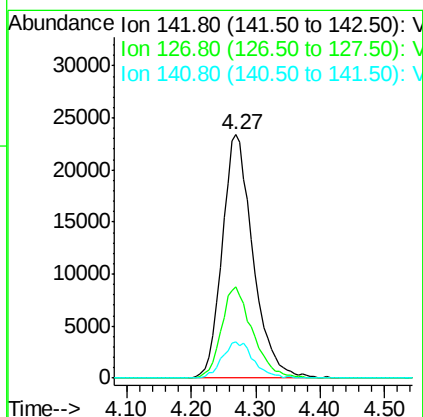
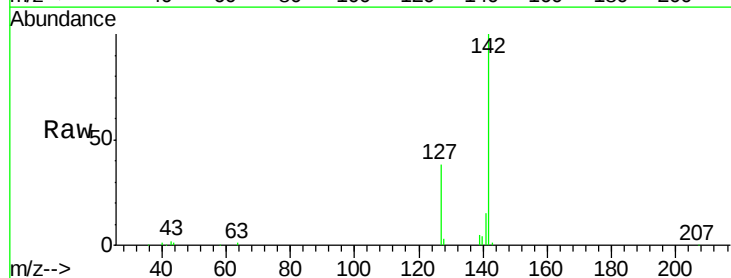
RT: 4.27 min Scan# 388

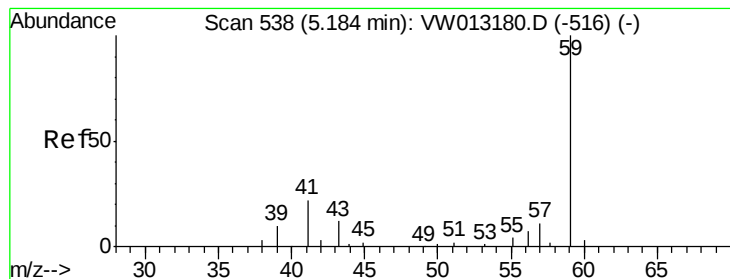
Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Tgt Ion:	142	Resp:	78513
Ion Ratio	Lower	Upper	
142	100		
127	37.9	30.9	46.3
141	15.1	11.7	17.5





#11

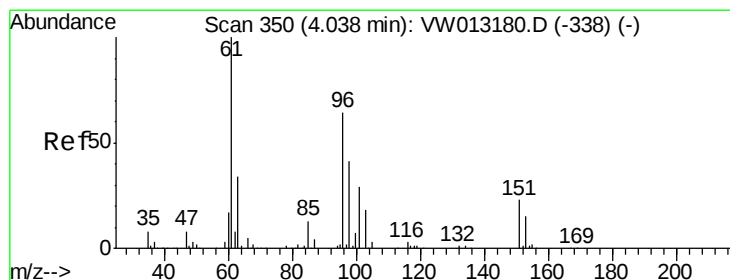
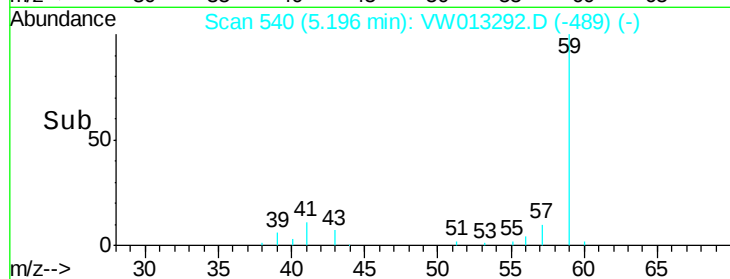
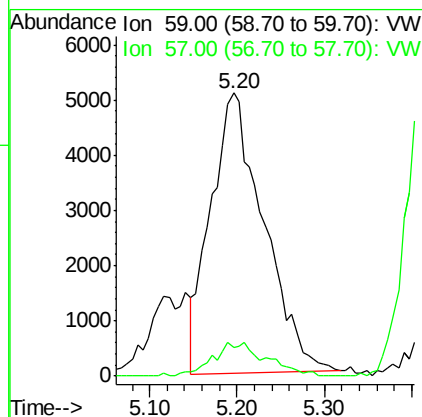
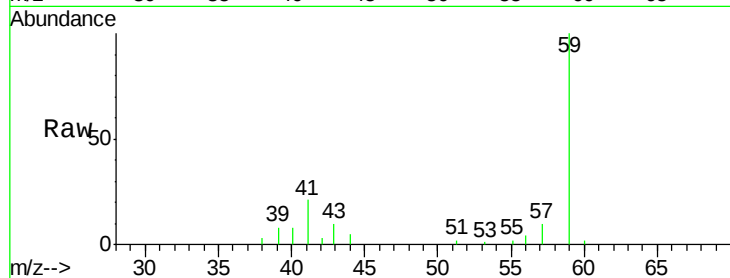
Tert butyl alcohol
 Concen: 121.384 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.2	8.2	12.2

Manual Integrations
 APPROVED

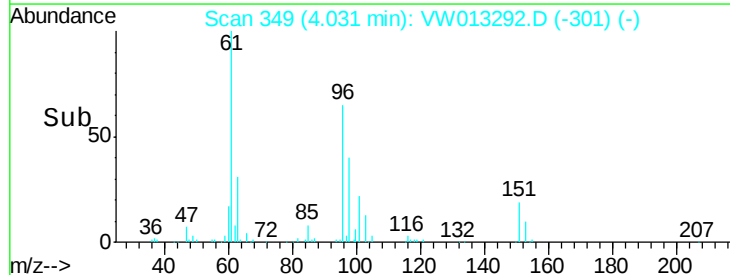
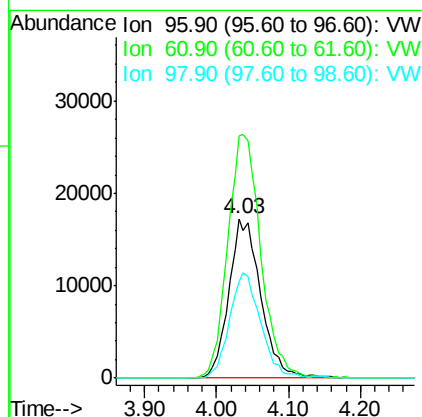
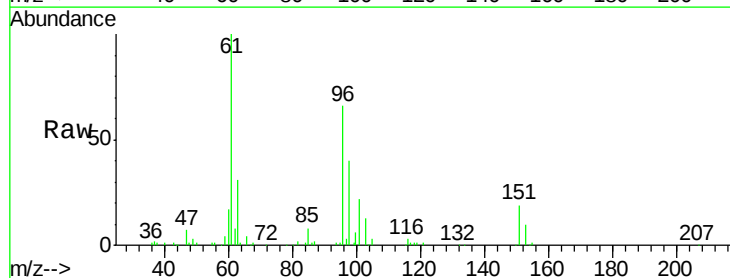
MMDadoda
 9/26/2019 3:33:17 PM

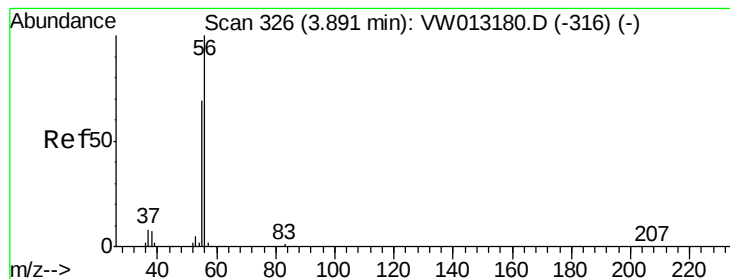


#12

1,1-Dichloroethene
 Concen: 19.977 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	125.1	187.7
98	60.4	50.8	76.2





#13

Acrolein

Concen: 112.093 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion: 56 Resp: 15076

Ion Ratio Lower Upper

56 100

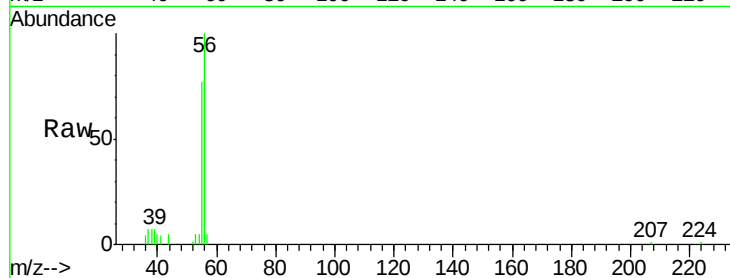
55 71.4 55.4 83.0

Manual Integrations

APPROVED

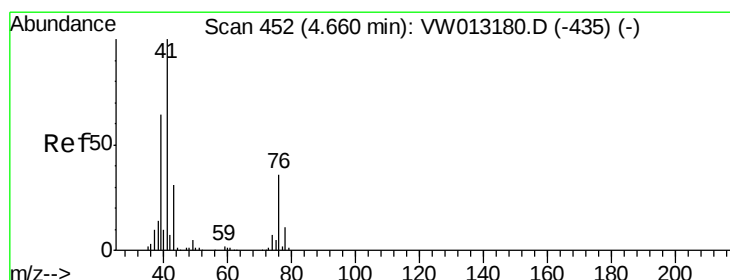
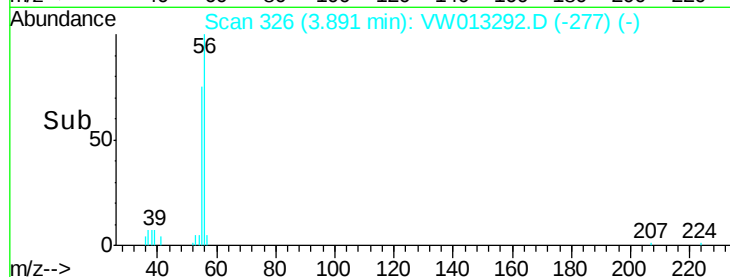
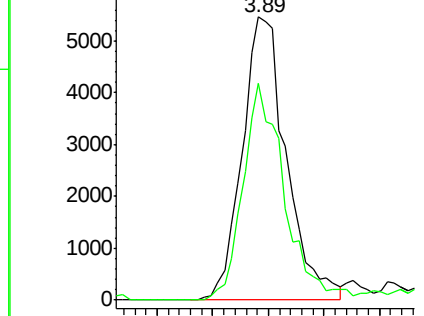
MMDadoda

9/26/2019 3:33:17 PM



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.149 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

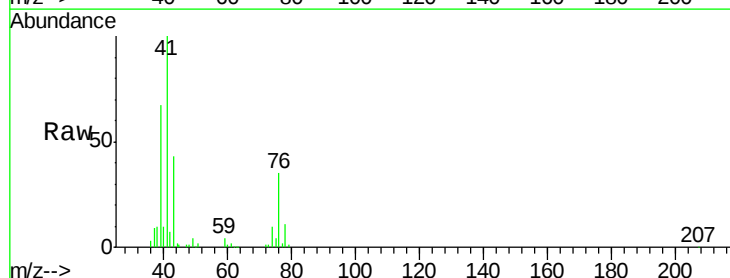
Tgt Ion: 41 Resp: 85312

Ion Ratio Lower Upper

41 100

39 61.8 51.0 76.4

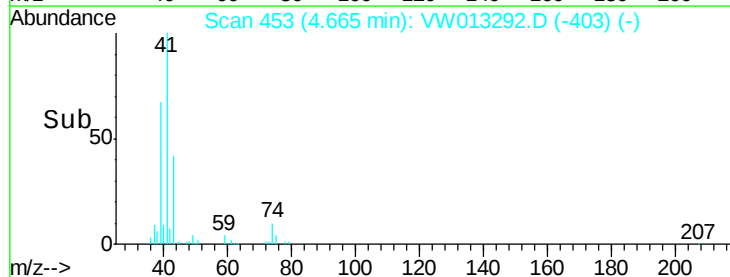
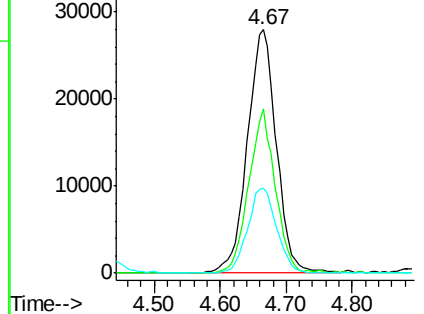
76 34.6 28.4 42.6

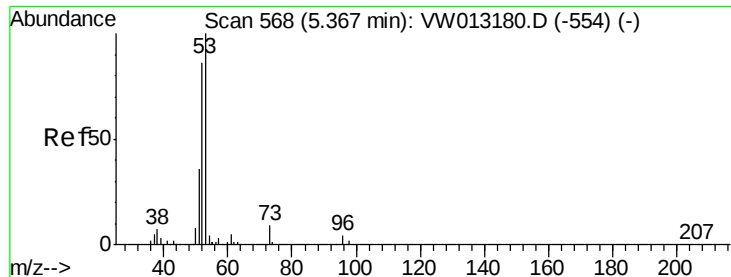


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 127.470 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

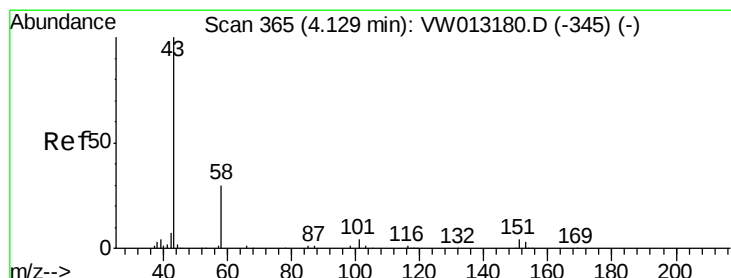
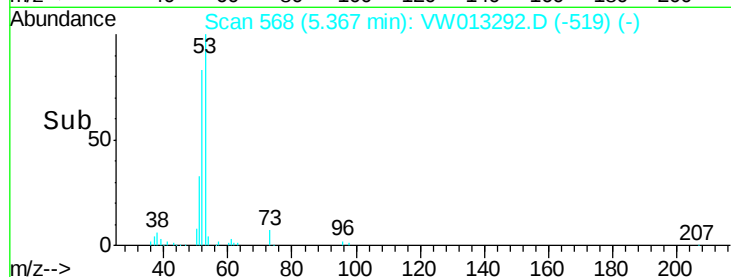
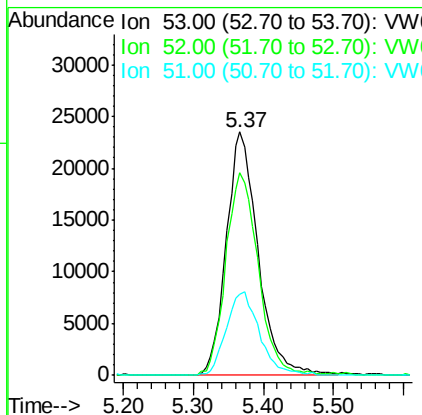
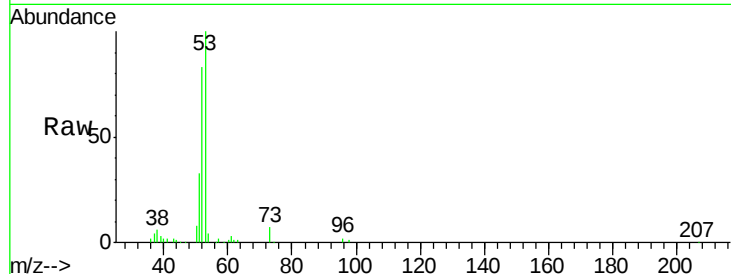
ClientSampleId :

VW0925SBS01

Tot Ion:	53	Resp:	74158
Ion	Ratio	Lower	Upper
53	100		
52	84.7	65.3	97.9
51	35.9	29.0	43.4

Manual Integrations
APPROVED

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#16

Acetone

Concen: 117.836 ug/l

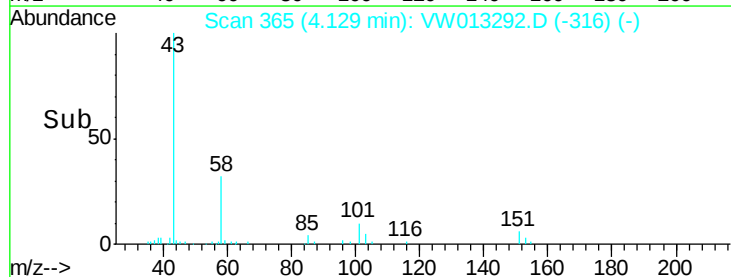
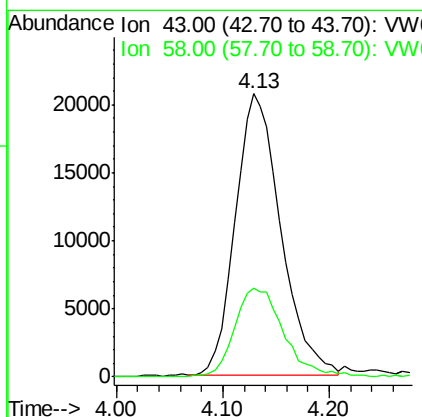
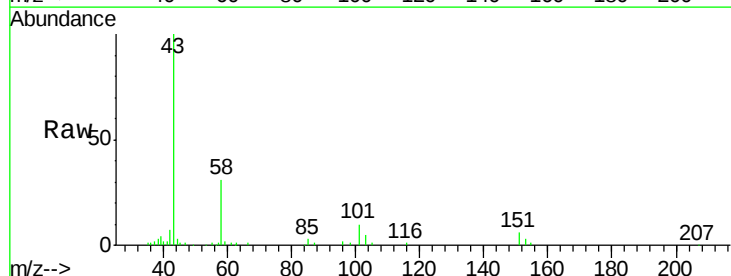
RT: 4.13 min Scan# 365

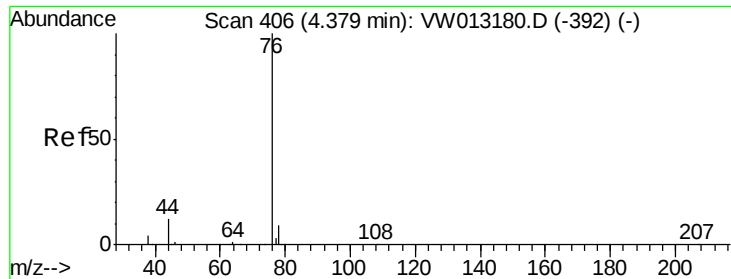
Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Tgt Ion:	43	Resp:	62086
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.1	36.1





#17

Carbon Disulfide

Concen: 19.532 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion: 76 Resp: 150194

Ion Ratio Lower Upper

76 100

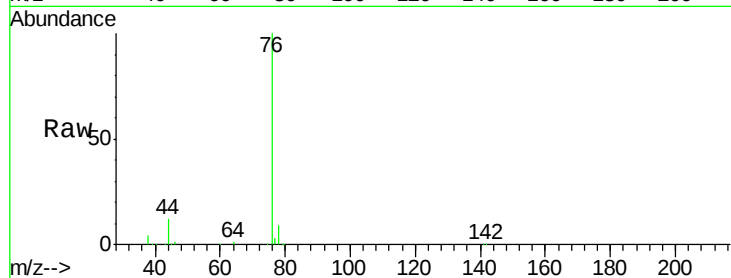
78 9.5 7.0 10.4

Manual Integrations

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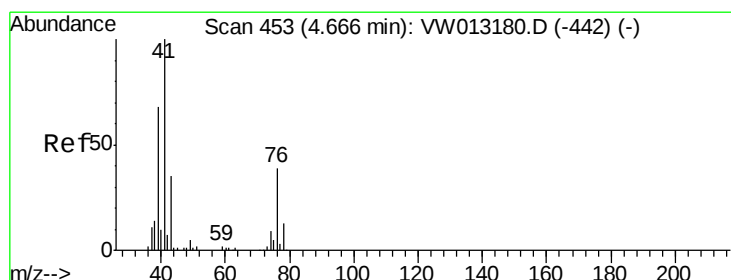
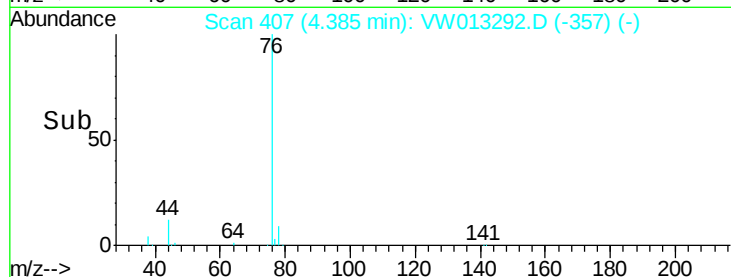
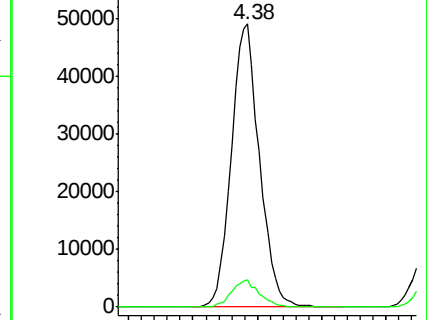
MMDadoda

9/26/2019 3:33:17 PM



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 25.353 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013292.D

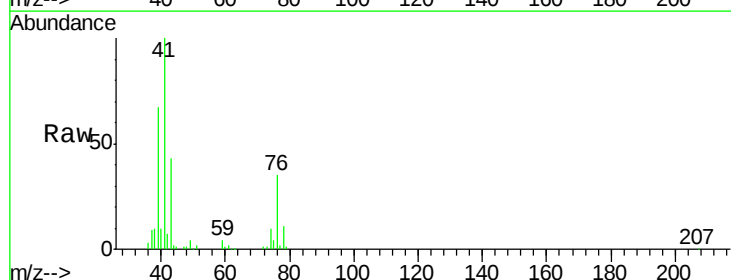
Acq: 25 Sep 2019 11:41

Tgt Ion: 43 Resp: 37549

Ion Ratio Lower Upper

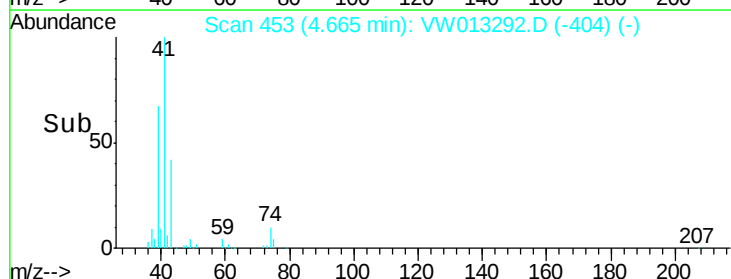
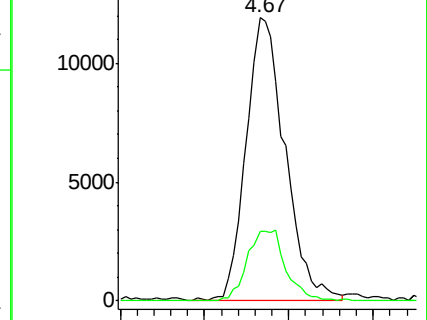
43 100

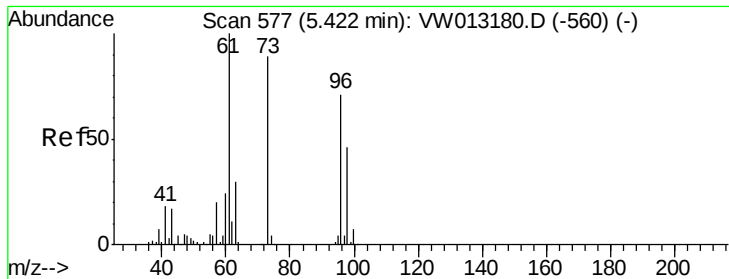
74 24.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





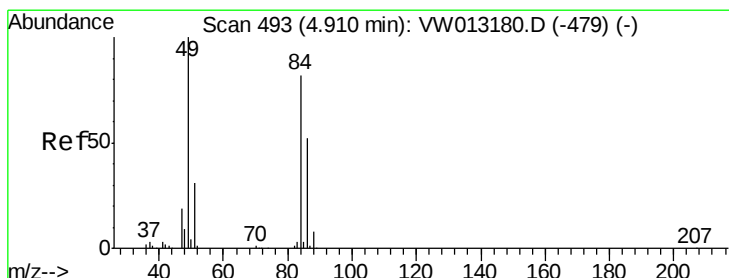
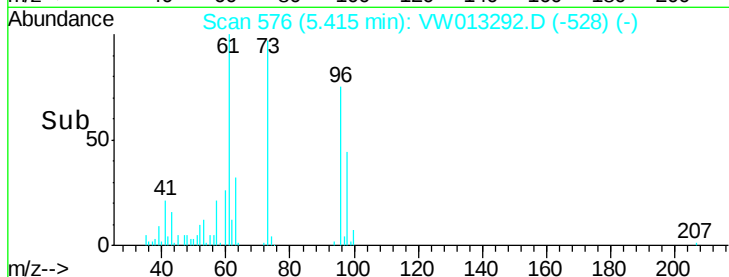
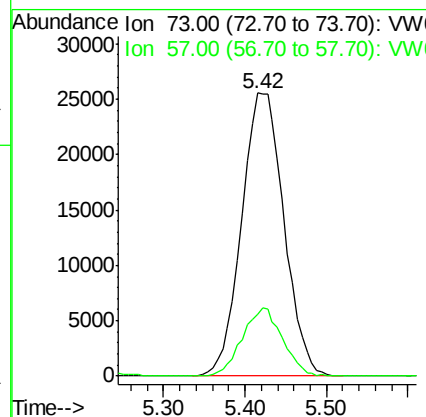
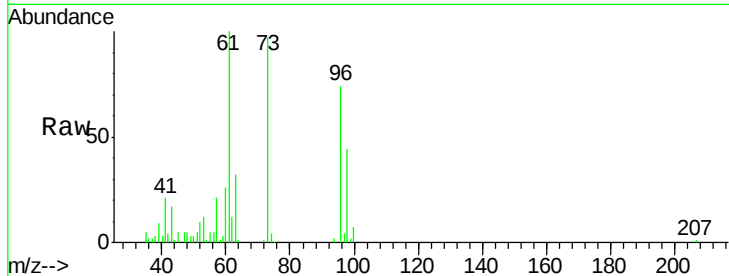
#19
Methyl tert-butyl Ether
Concen: 22.583 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.6	26.4

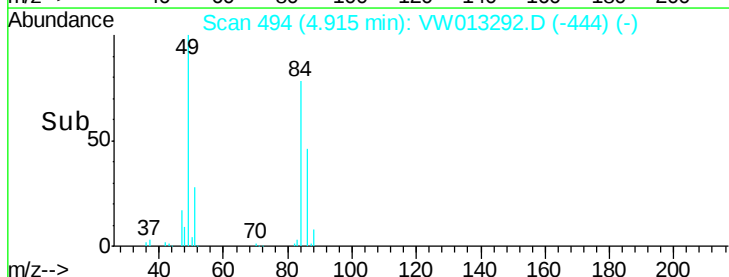
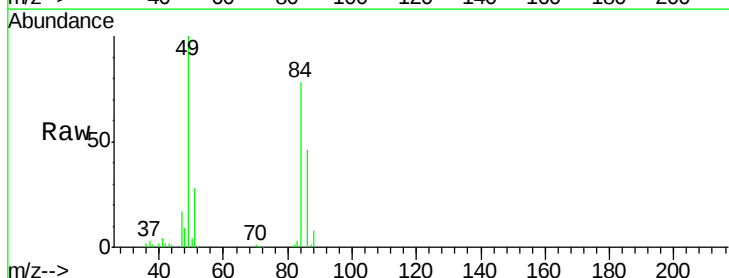
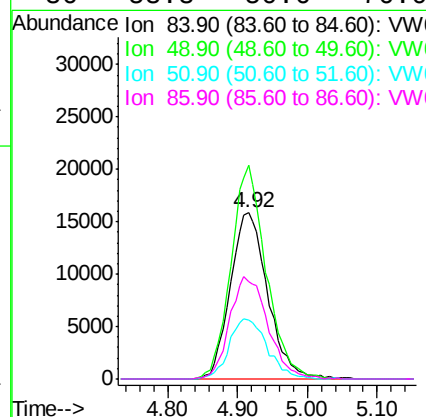
Manual Integrations
APPROVED

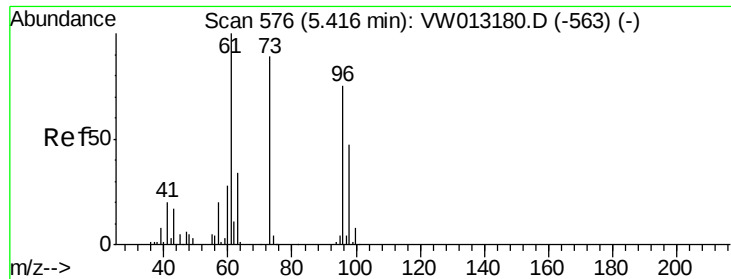
MMDadoda
9/26/2019 3:33:17 PM



#20
Methylene Chloride
Concen: 20.105 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.8	97.6	146.4
51	35.7	30.2	45.2
86	58.8	50.6	76.0





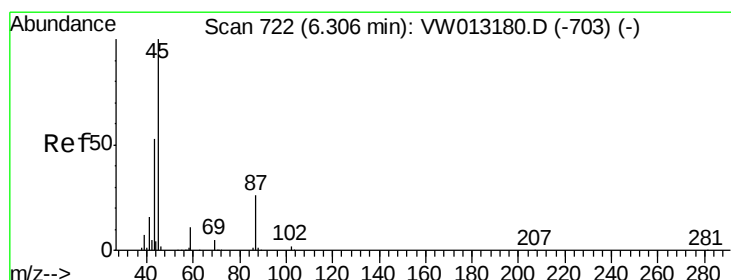
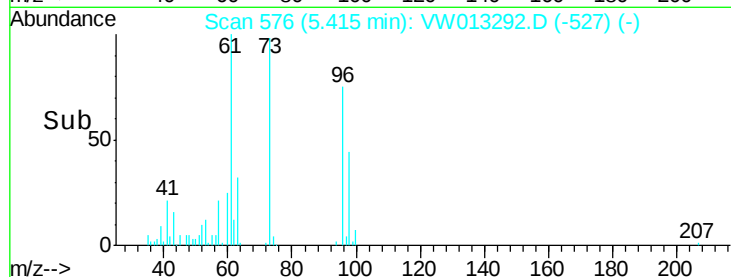
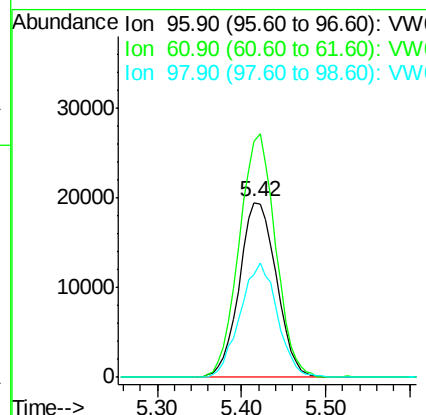
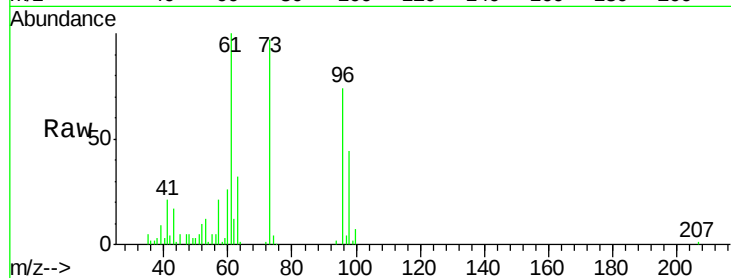
#21
trans-1,2-Dichloroethene
Concen: 20.285 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	106.6	159.8
98	59.1	49.8	74.8

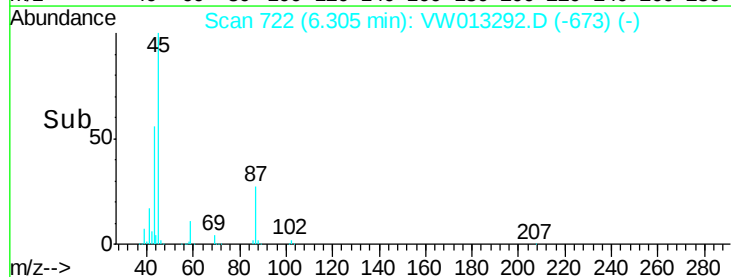
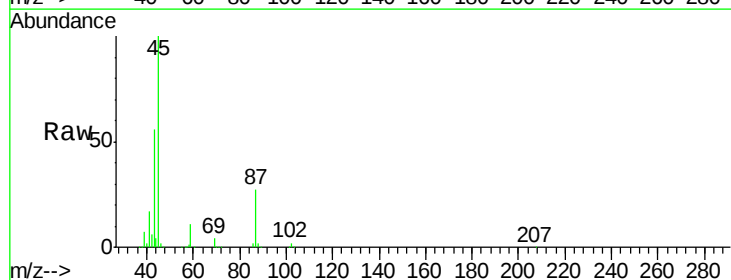
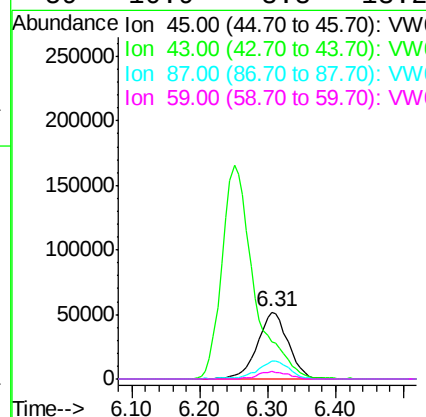
Manual Integrations
APPROVED

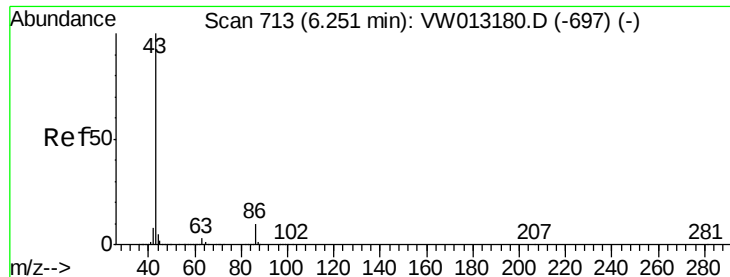
MMDadoda
9/26/2019 3:33:17 PM



#22
Diisopropyl ether
Concen: 20.351 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.7	42.4	63.6
87	26.7	20.4	30.6
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 113.161 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 43 Resp: 540508

Ion Ratio Lower Upper

43 100

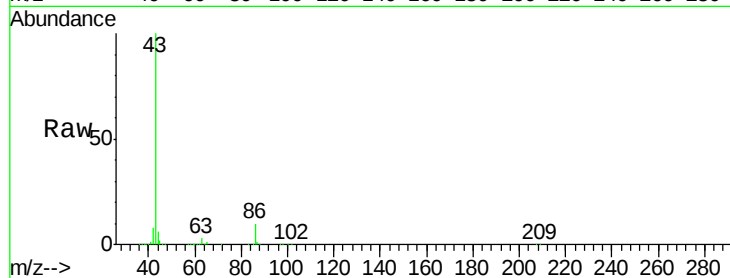
86 10.3 8.3 12.5

Manual Integrations

APPROVED

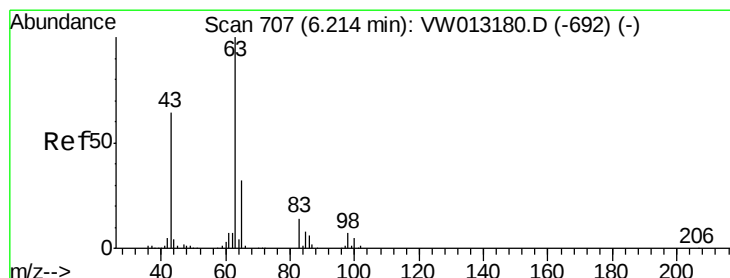
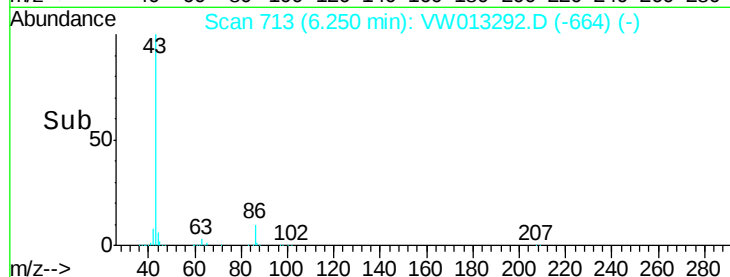
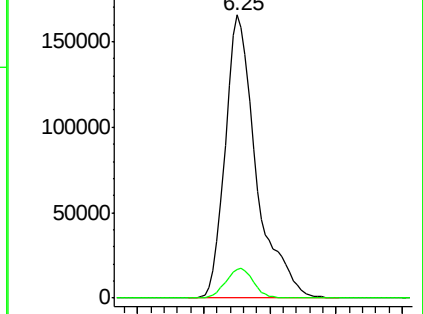
MMDadoda

9/26/2019 3:33:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.794 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

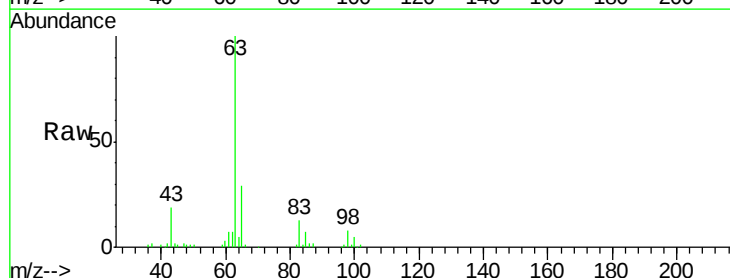
Tgt Ion: 63 Resp: 96169

Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.5

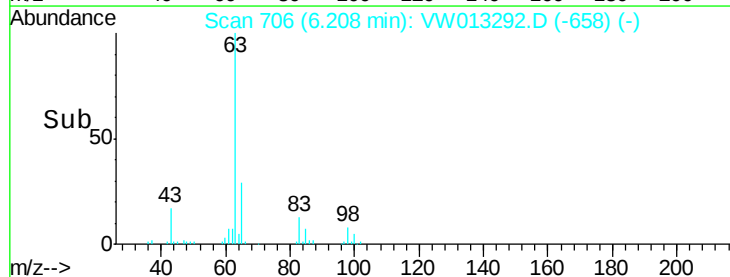
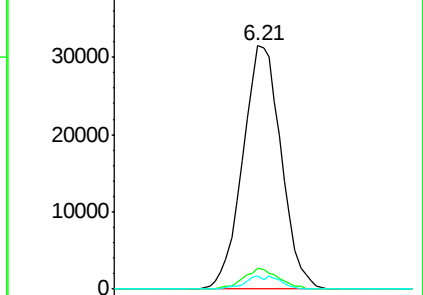
100 5.3 2.4 7.1

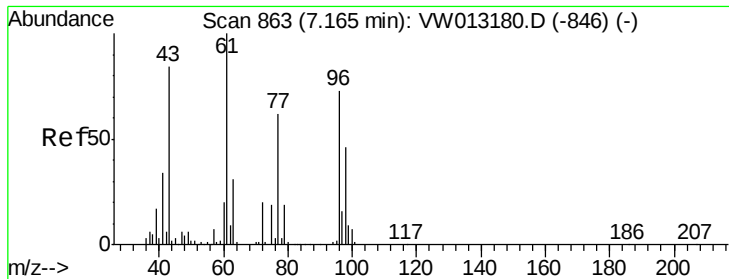


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 127.902 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD01

Tot Ion: 43 Resp: 101163

Ion Ratio Lower Upper

43 100

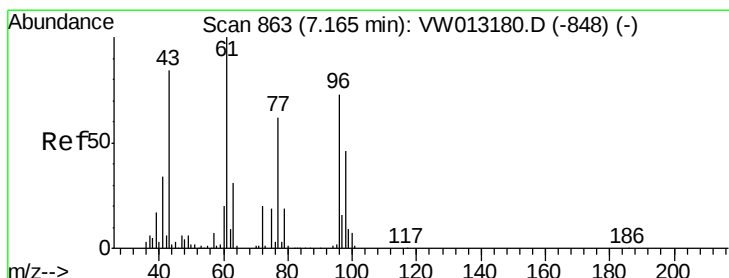
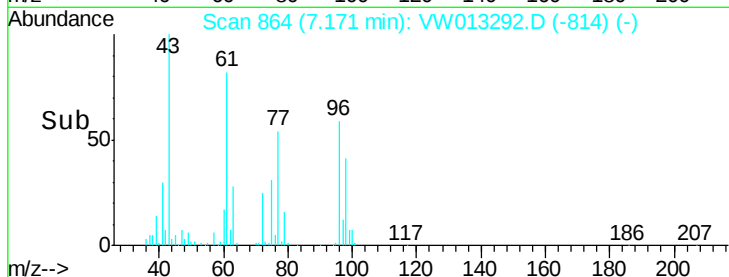
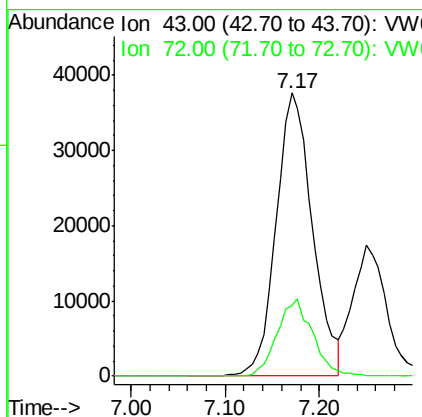
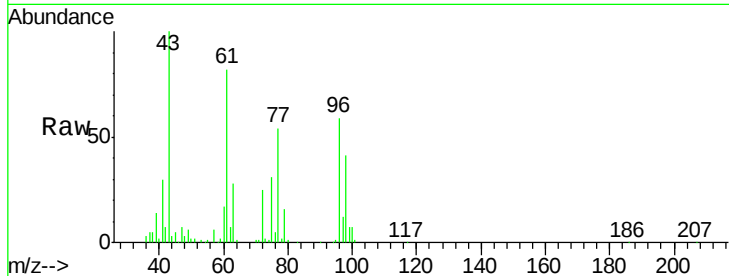
72 24.9 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.127 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013292.D

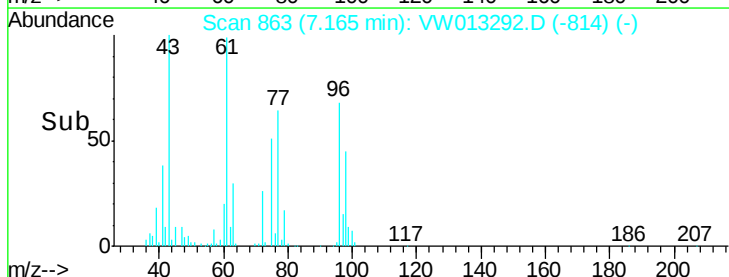
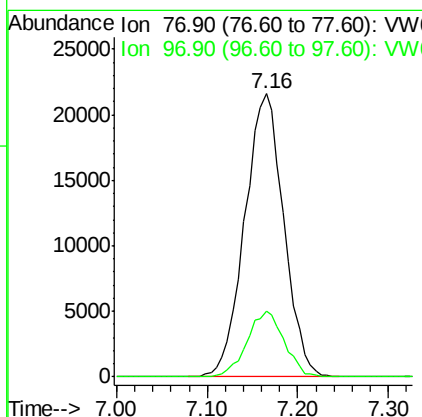
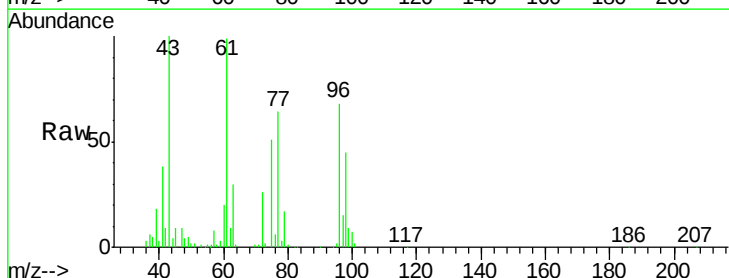
Acq: 25 Sep 2019 11:41

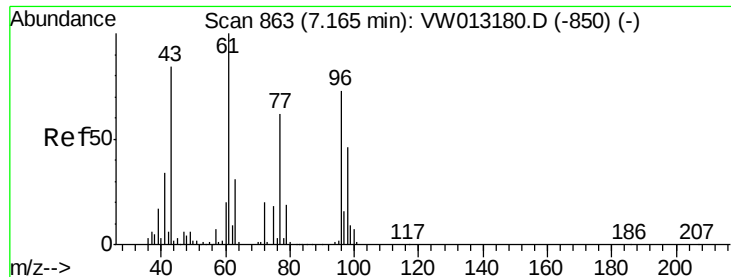
Tgt Ion: 77 Resp: 64295

Ion Ratio Lower Upper

77 100

97 21.9 11.8 35.4





#27

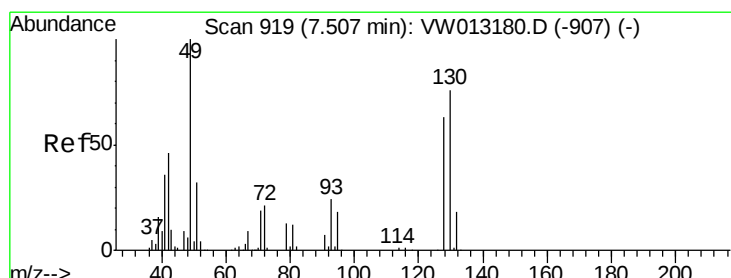
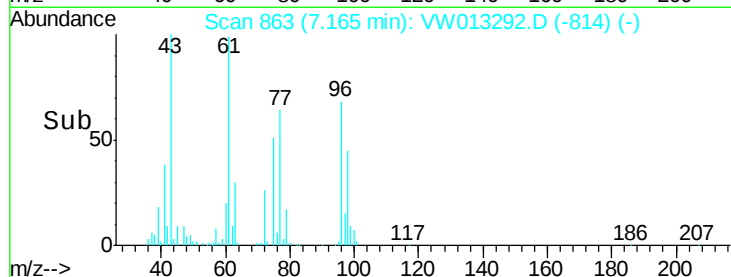
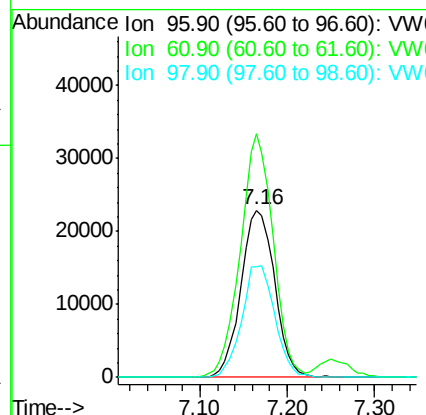
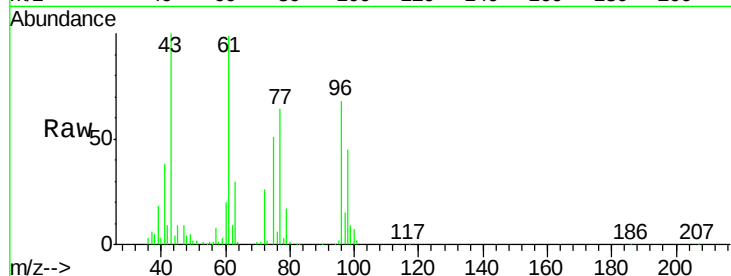
cis-1,2-Dichloroethene
Concen: 20.247 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	282.4
98	65.7	0.0	128.2

Manual Integrations
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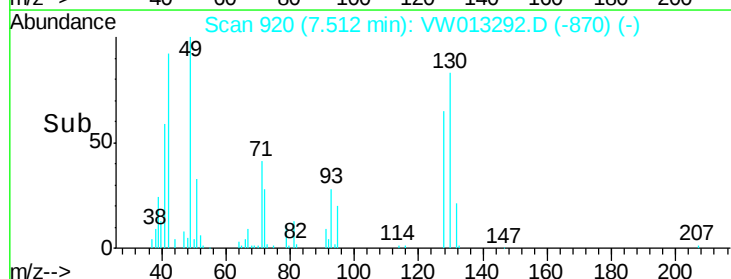
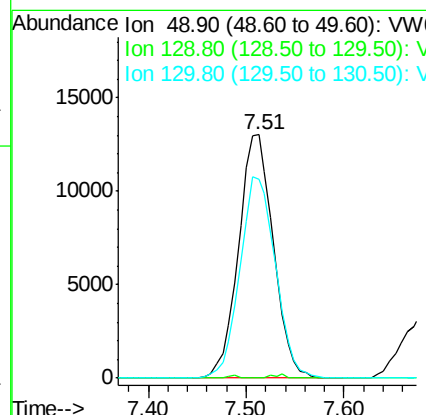
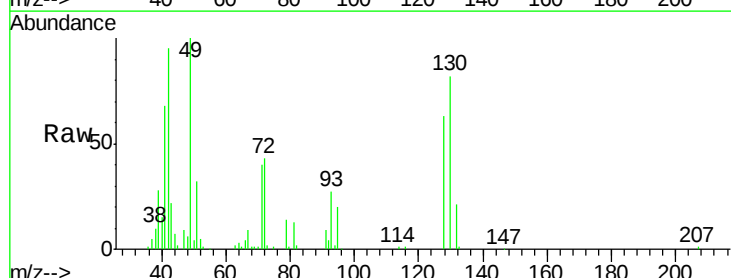
MMDadoda
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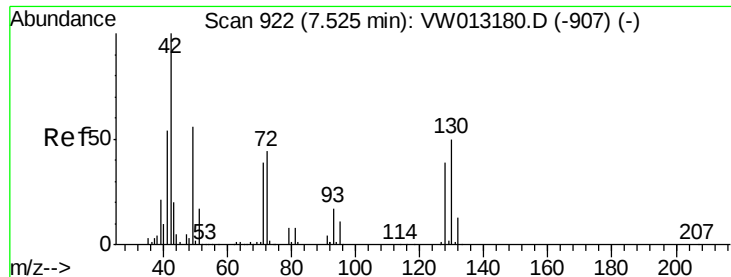


#28

Bromochloromethane
Concen: 17.272 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.0
130	84.4	63.4	95.2





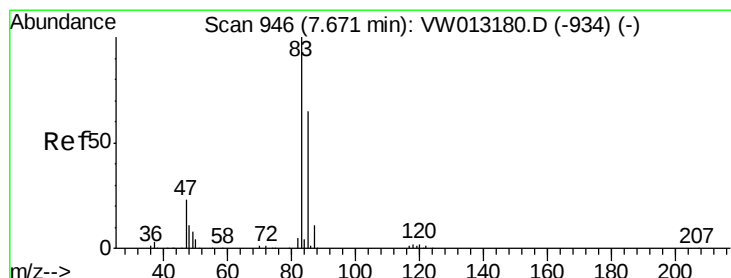
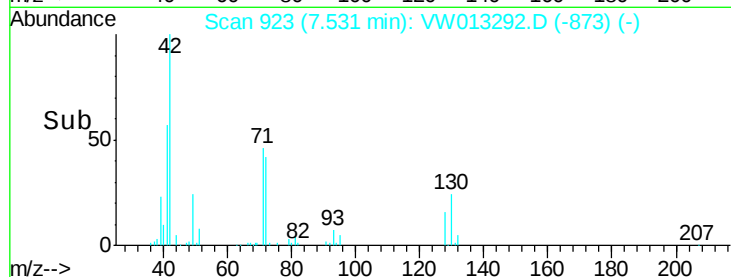
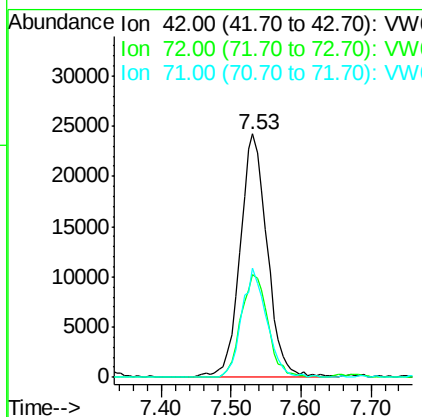
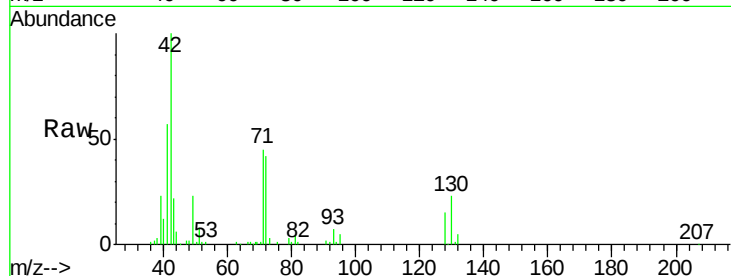
#29
Tetrahydrofuran
Concen: 134.366 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.9	50.9
71	41.3	31.9	47.9

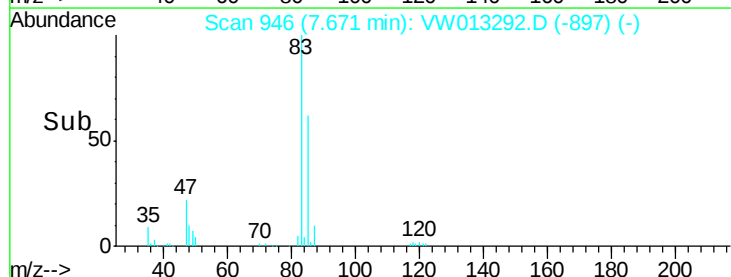
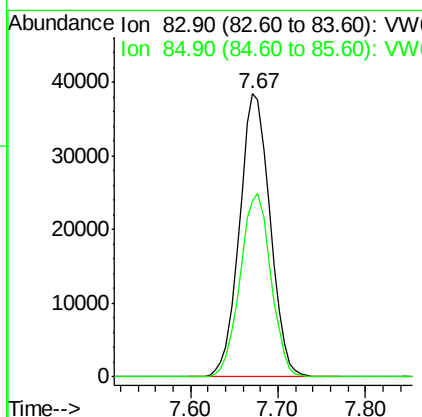
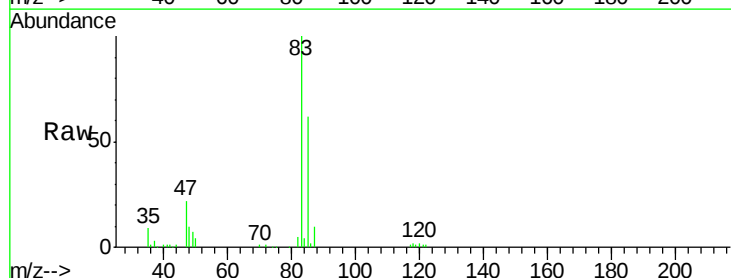
Manual Integrations
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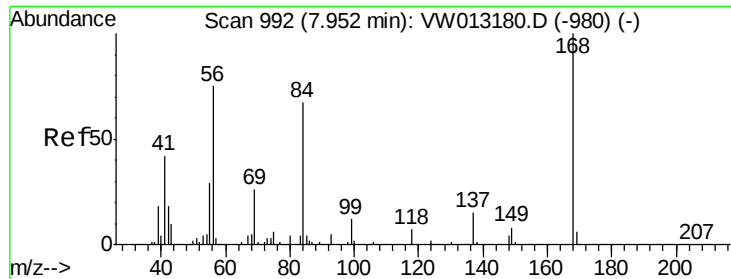
MMDadoda
9/26/2019 3:33:17 PM



#30
Chloroform
Concen: 19.653 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.3	78.5





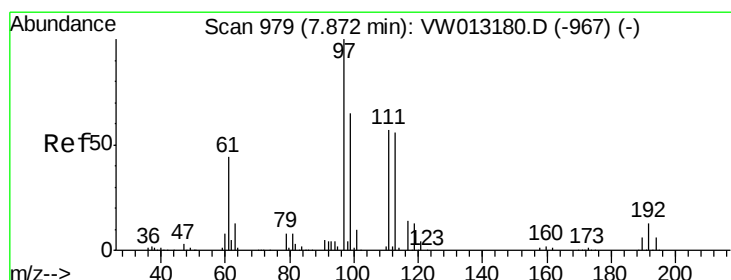
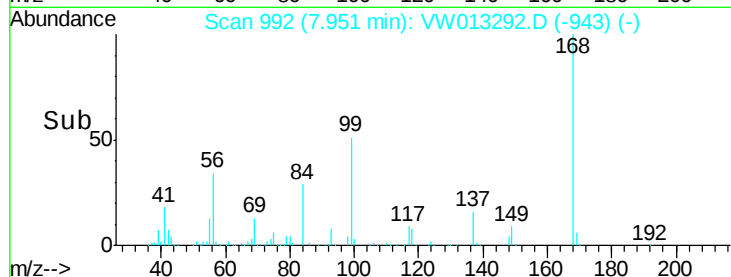
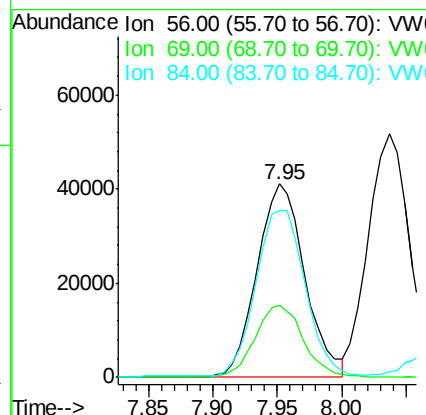
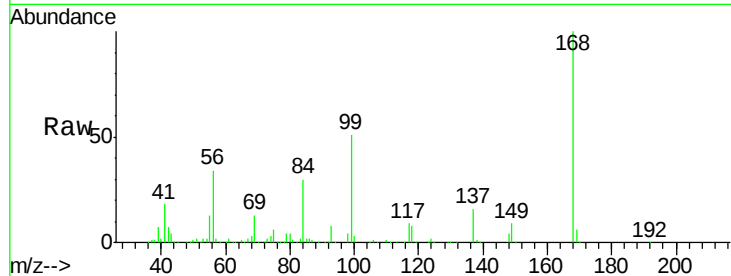
#31
Cyclohexane
Concen: 20.930 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
56	100	105996		
69	36.9		27.2	40.8
84	85.5		70.8	106.2

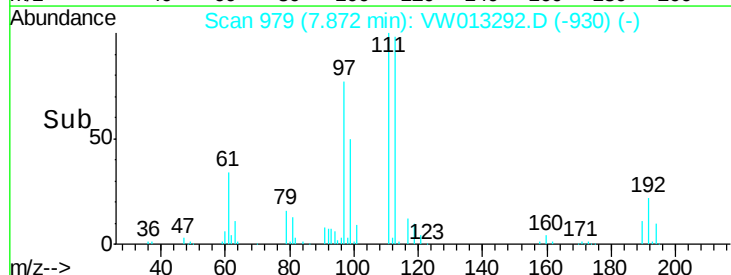
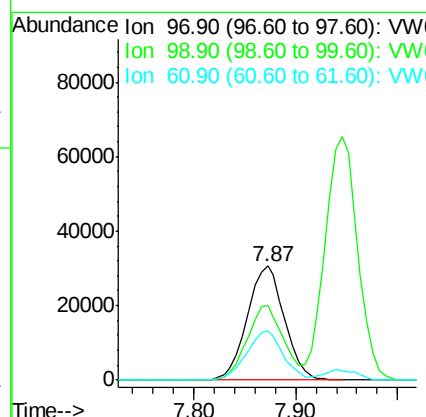
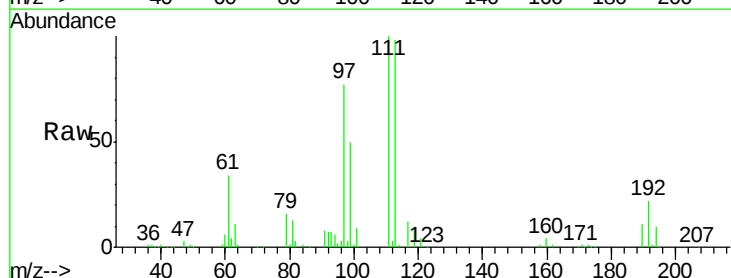
Manual Integrations
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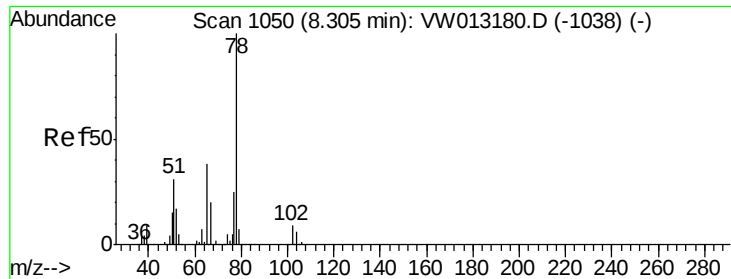
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.053 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	77251		
99	64.0		51.7	77.5
61	42.9		34.6	51.8





#33

1,2-Dichloroethane-d4

Concen: 50.183 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 65 Resp: 117248

Ion Ratio Lower Upper

65 100

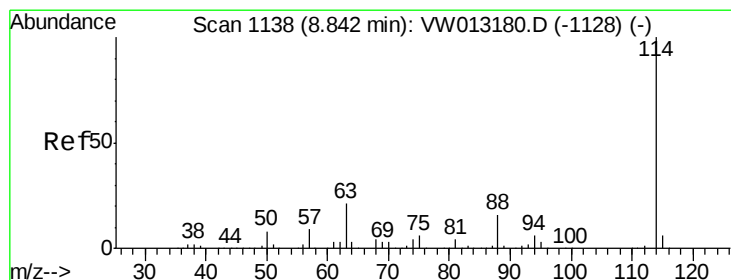
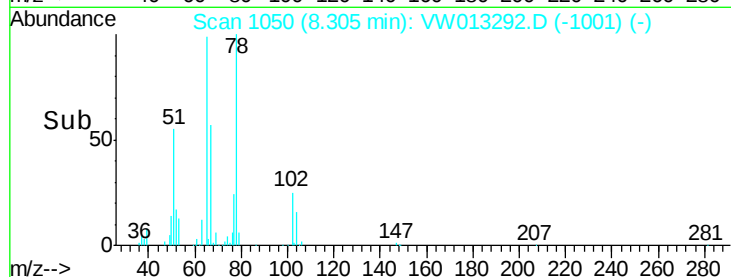
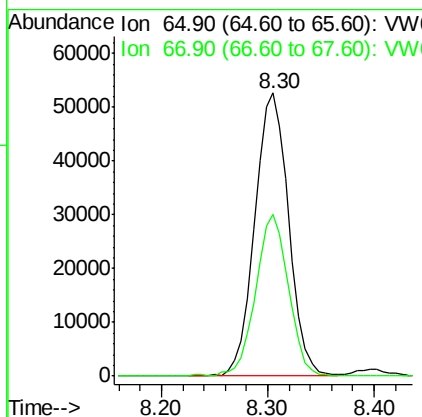
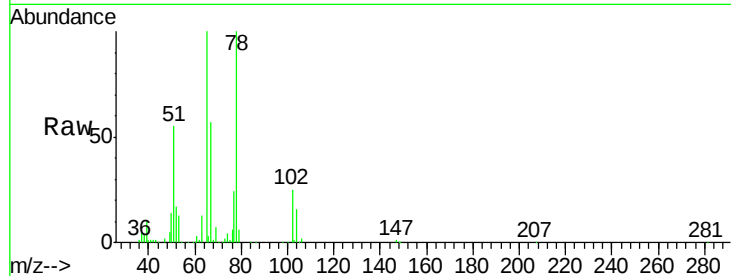
67 55.4 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

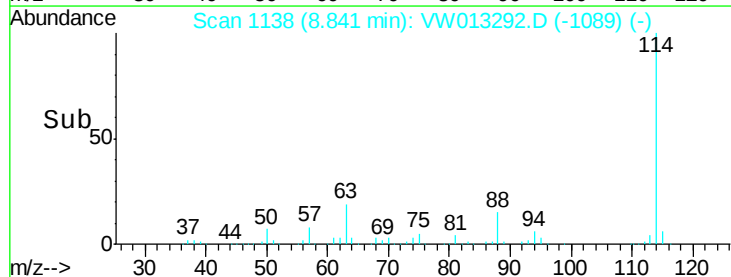
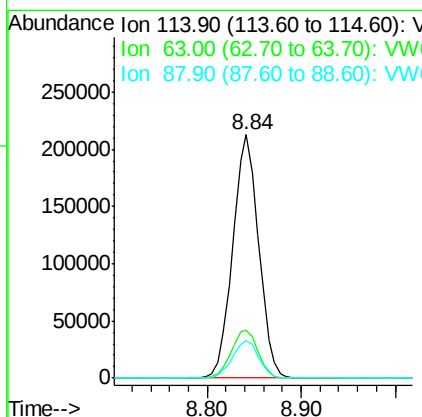
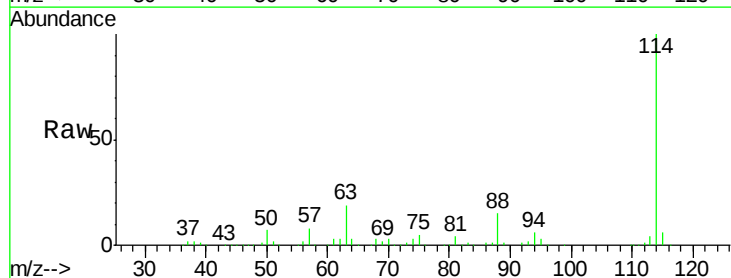
Tgt Ion: 114 Resp: 406187

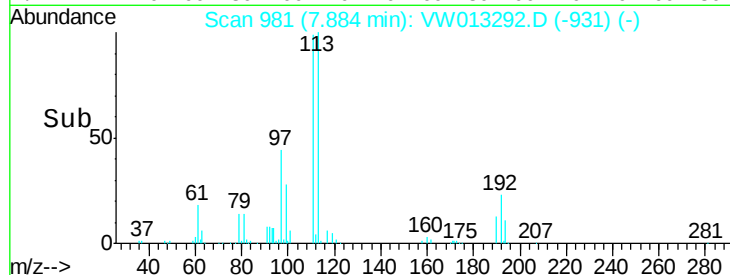
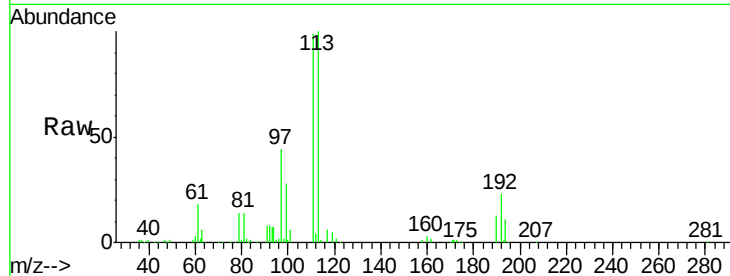
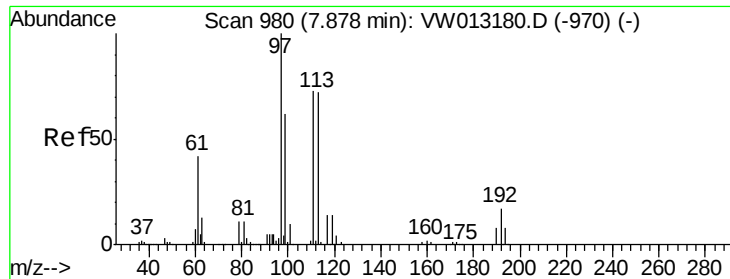
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

88 15.5 0.0 32.0





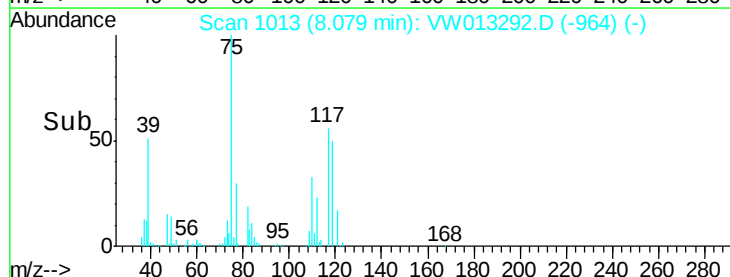
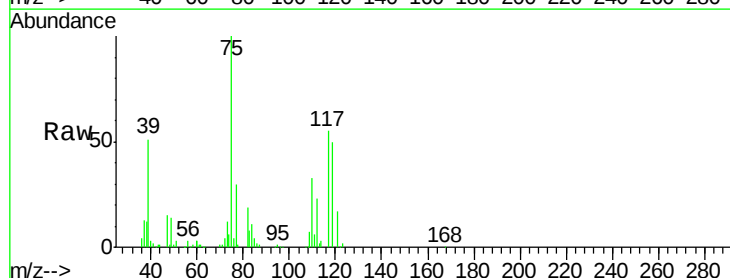
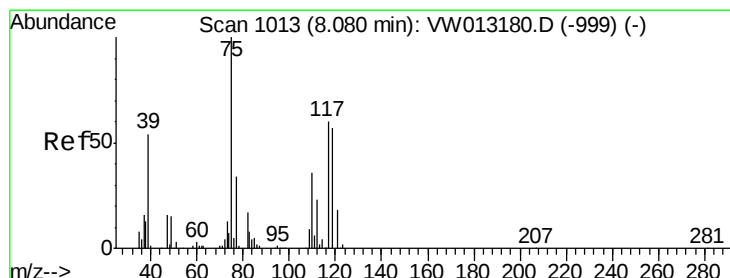
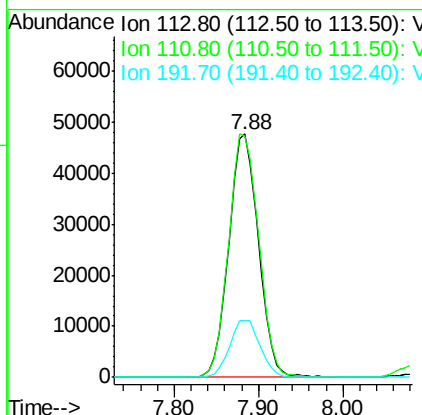
#35
 Dibromofluoromethane
 Concen: 50.810 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113511		
111	102.4		81.9	122.9
192	24.0		19.1	28.7

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

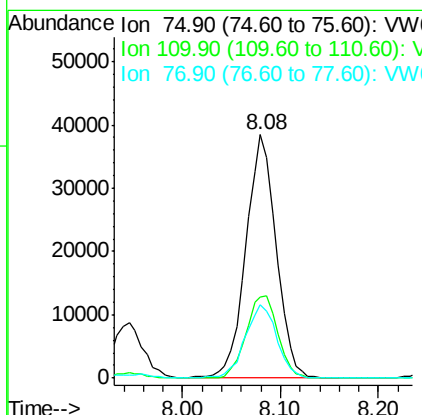
Manual Integrations
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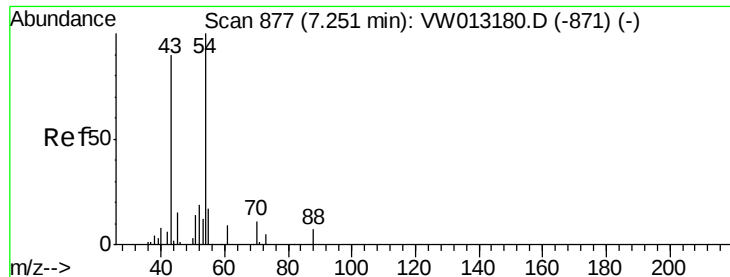
MMDadoda
 9/26/2019 3:33:17 PM



#36
 1,1-Dichloropropene
 Concen: 21.069 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82891		
110	35.3		18.1	54.3
77	31.4		25.8	38.6





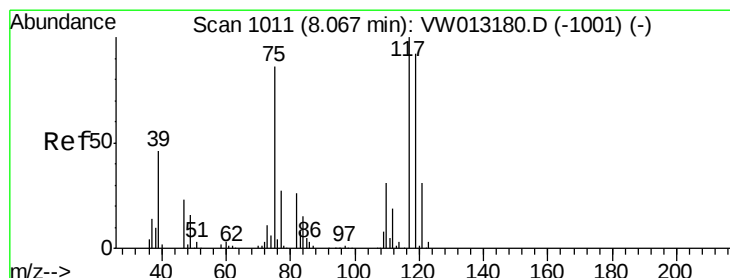
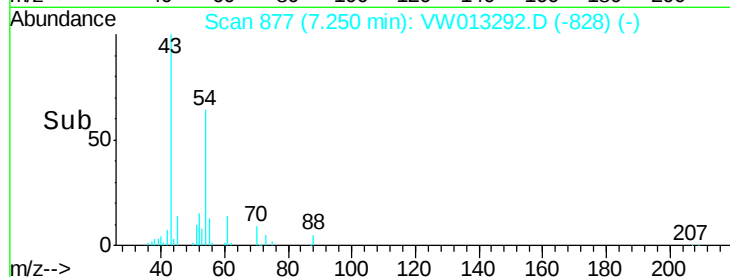
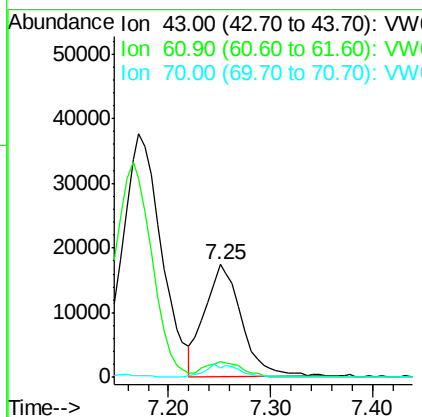
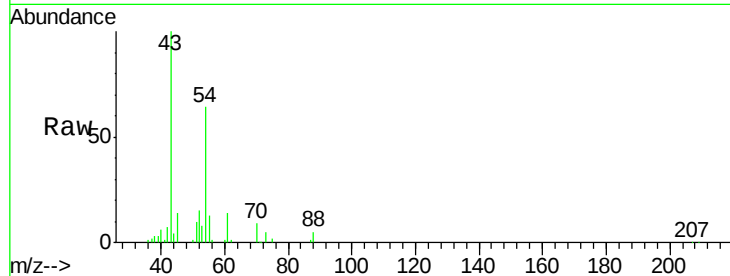
#37
Ethyl Acetate
Concen: 25.956 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleID :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.9	16.3
70	10.4	8.2	12.2

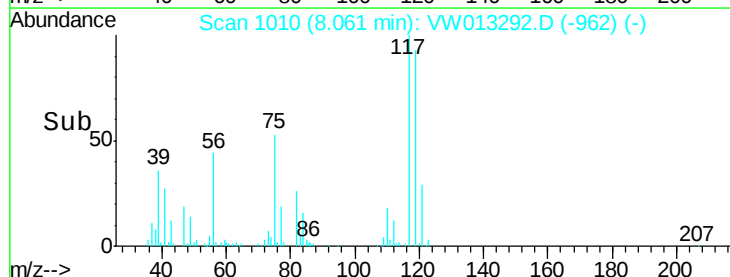
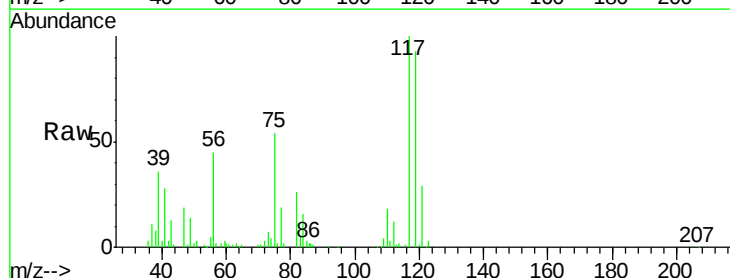
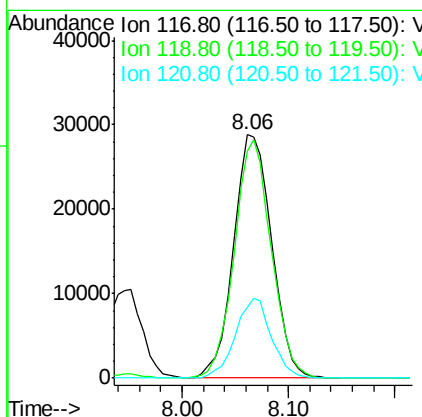
Manual Integrations
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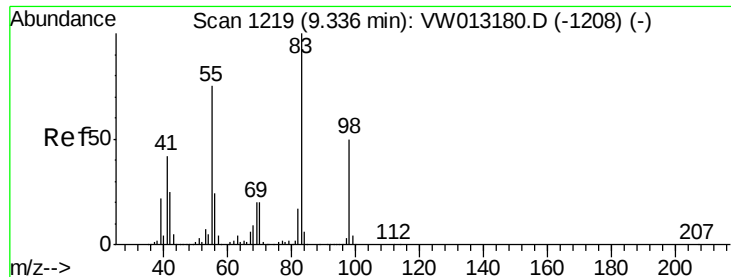
MMDadoda
9/26/2019 3:33:17 PM



#38
Carbon Tetrachloride
Concen: 20.585 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	73.5	110.3
121	29.2	25.0	37.6





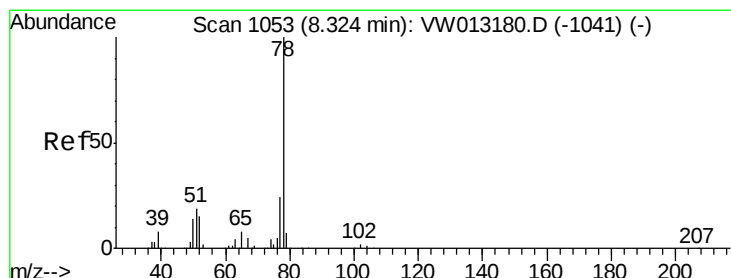
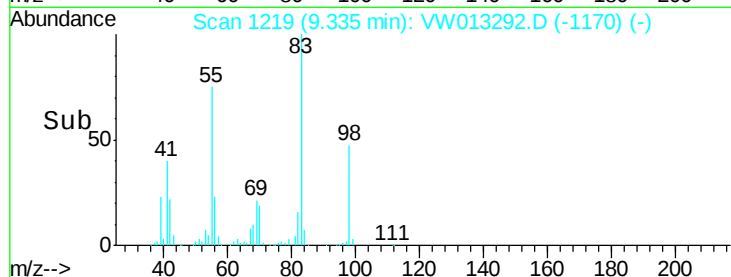
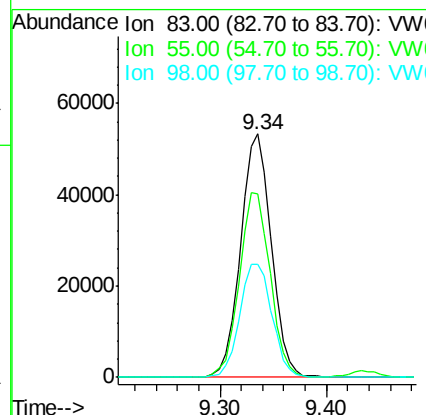
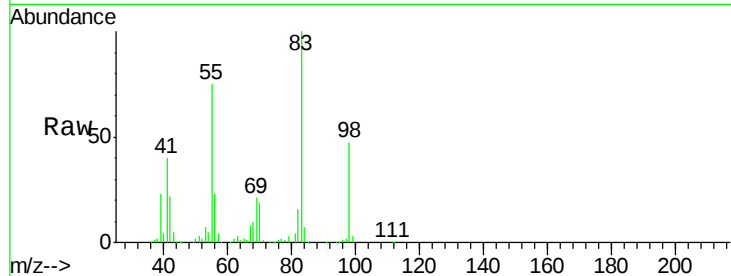
#39
Methvlcvclohexane
Concen: 21.384 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	108113		
55	75.2		60.4	90.6
98	46.6		40.0	60.0

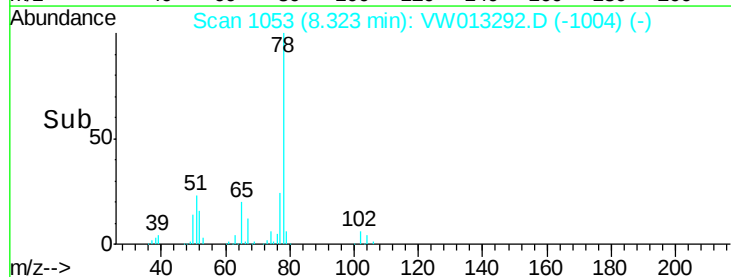
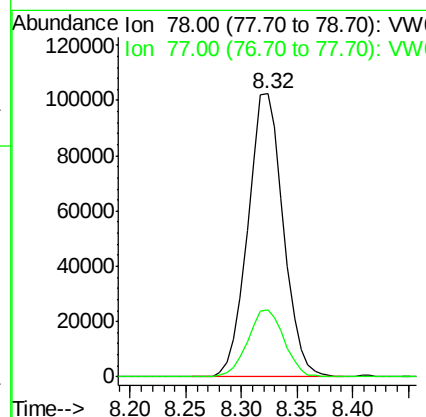
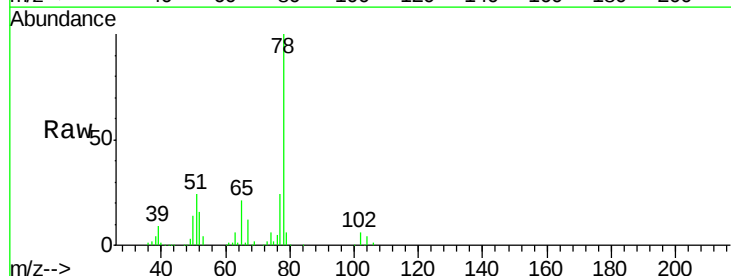
Manual Integrations
APPROVED

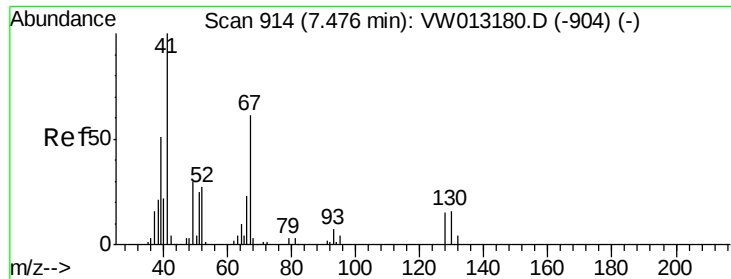
MMDadoda
9/26/2019 3:33:17 PM



#40
Benzene
Concen: 20.652 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	226628		
77	23.8		19.1	28.7





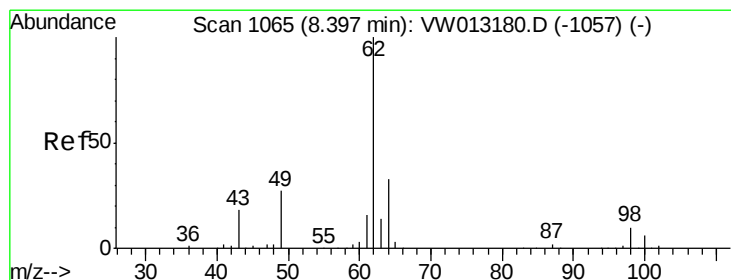
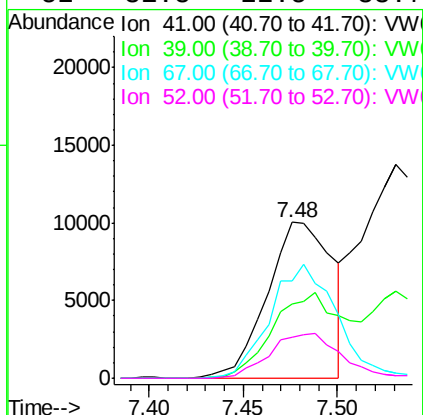
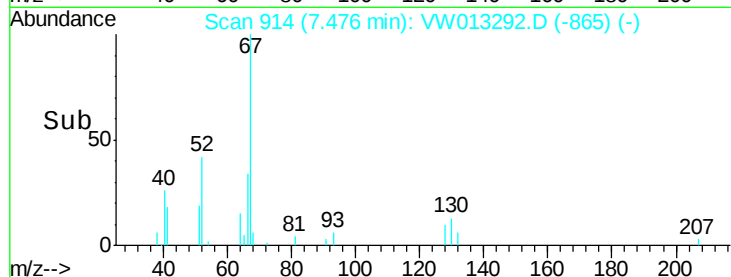
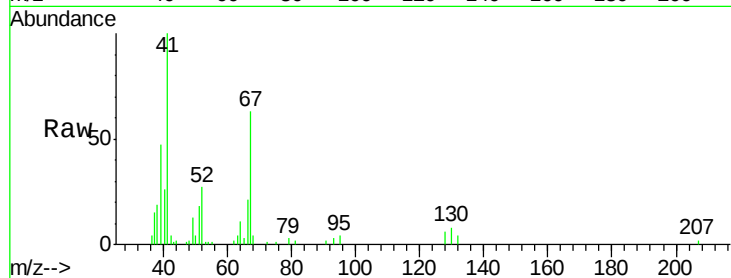
#41
Methacrylonitrile
Concen: 24.029 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	41	Resp	23979
Ion	Ratio	Lower	Upper
41	100		
39	62.8	45.9	68.9
67	75.1	54.5	81.7
52	31.8	22.5	33.7

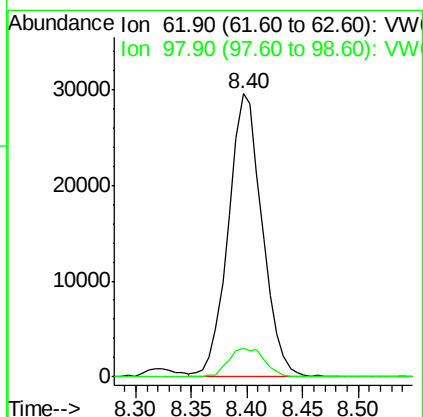
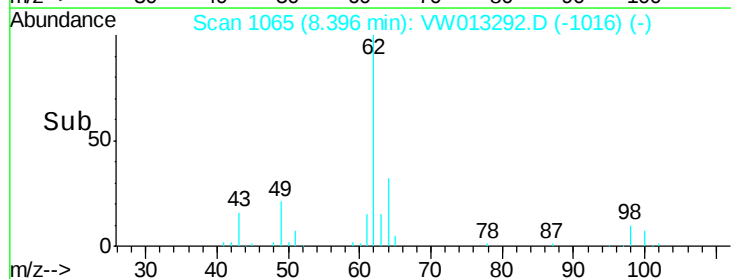
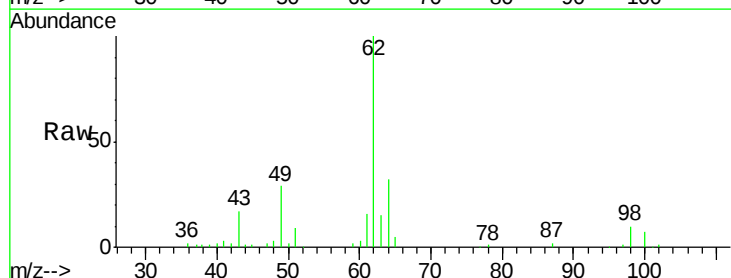
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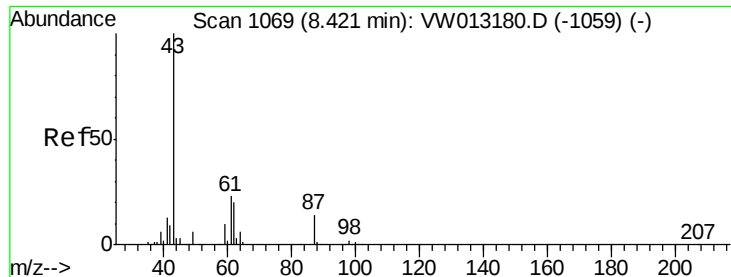
MMDadoda
9/26/2019 3:33:17 PM



#42
1,2-Dichloroethane
Concen: 21.146 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	62	Resp	62379
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6





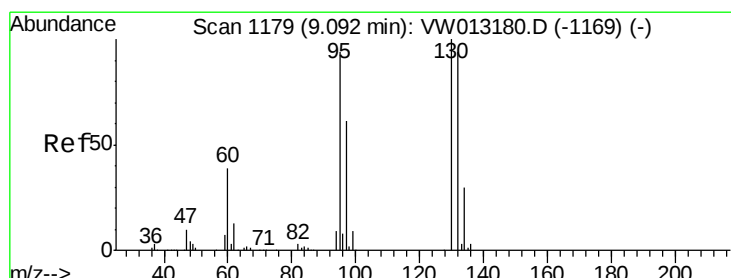
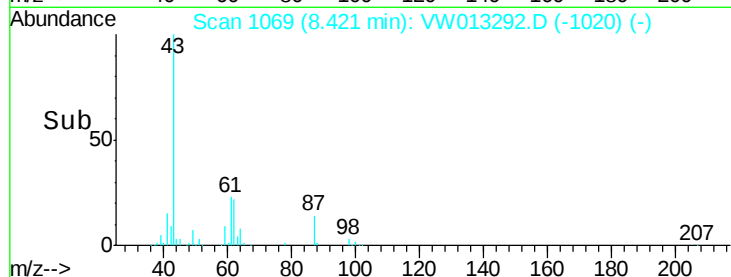
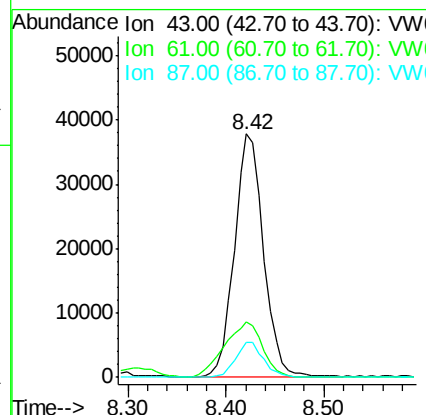
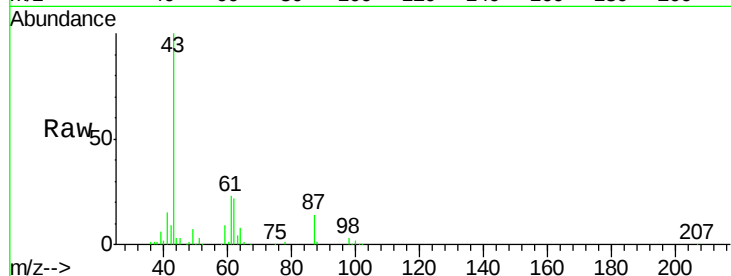
#43
Isopropyl Acetate
Concen: 24.428 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	43	Resp	78281
Ion	Ratio	Lower	Upper
43	100		
61	29.6	25.5	38.3
87	13.8	11.0	16.4

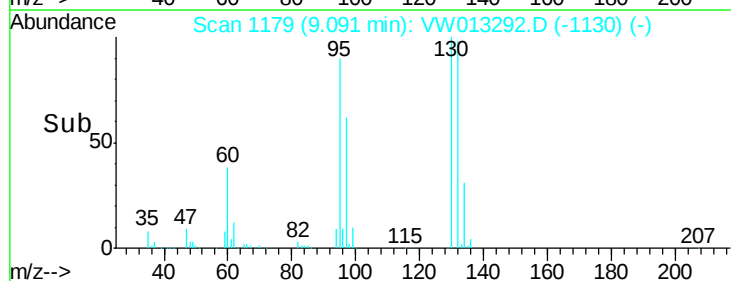
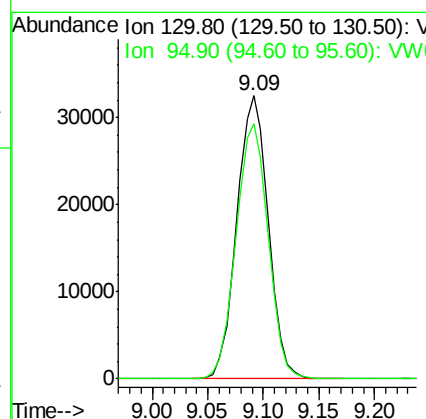
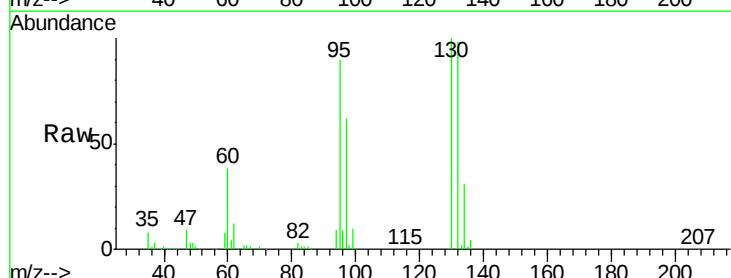
Manual Integrations
APPROVED

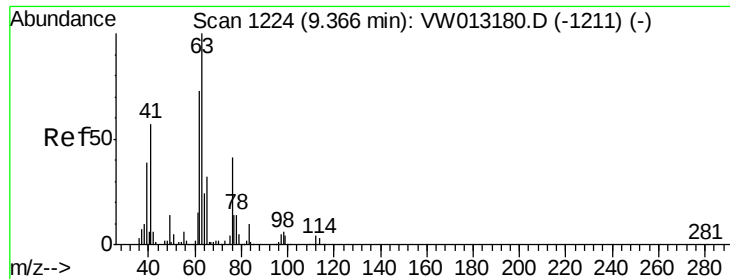
MMDadoda
9/26/2019 3:33:17 PM



#44
Trichloroethene
Concen: 20.629 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	130	Resp	63513
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	188.0





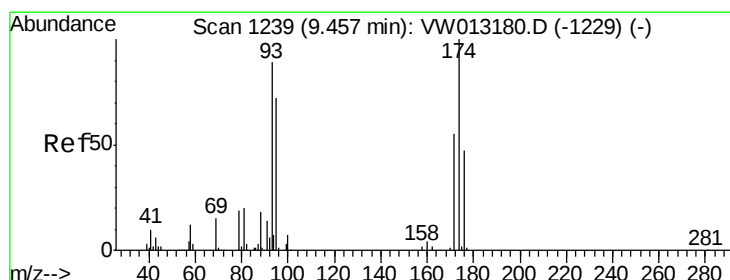
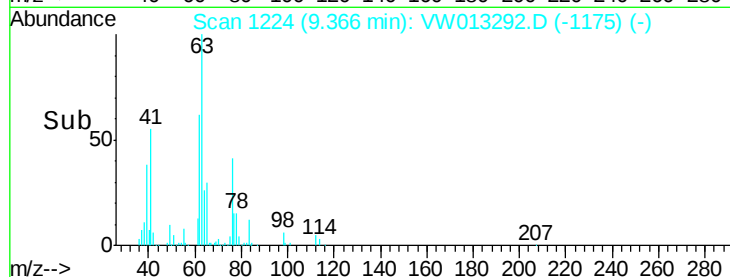
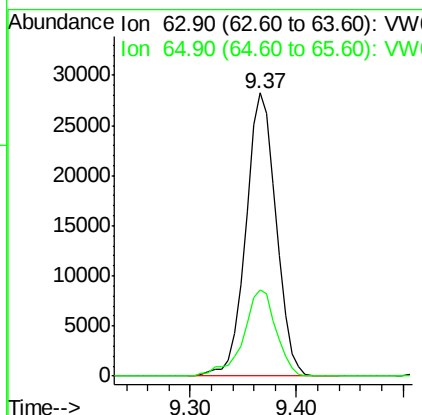
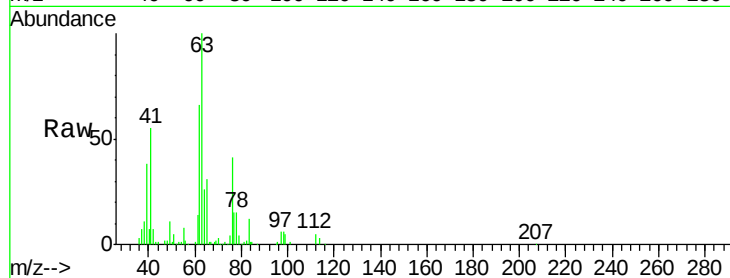
#45
 1,2-Dichloropropane
 Concen: 20.966 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion	63	Resp	56171
Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.3	37.9

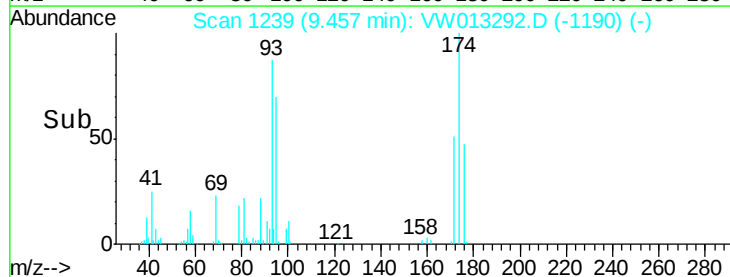
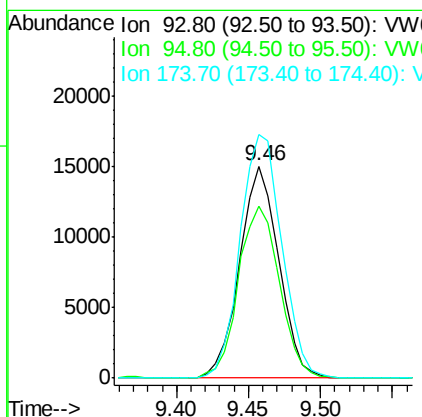
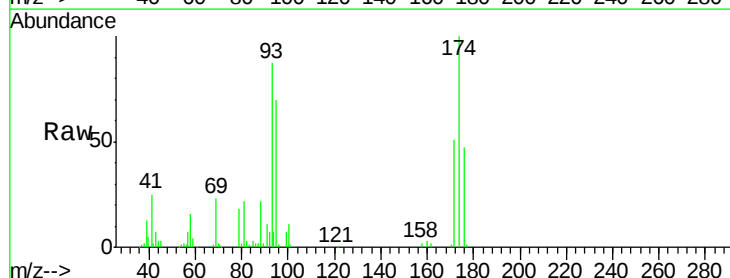
Manual Integrations
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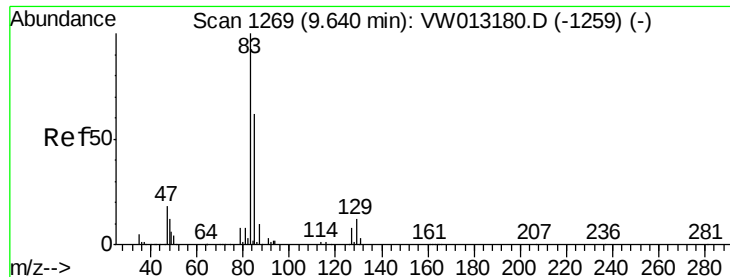
MMDadoda
 9/26/2019 3:33:17 PM



#46
 Dibromomethane
 Concen: 21.798 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	93	Resp	28353
Ion	Ratio	Lower	Upper
93	100		
95	85.0	66.4	99.6
174	122.3	93.0	139.6





#47

Bromodichloromethane

Concen: 20.137 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

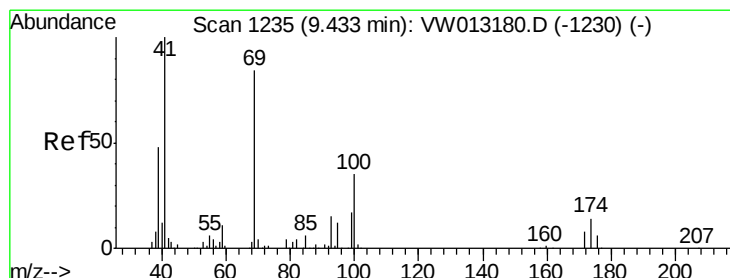
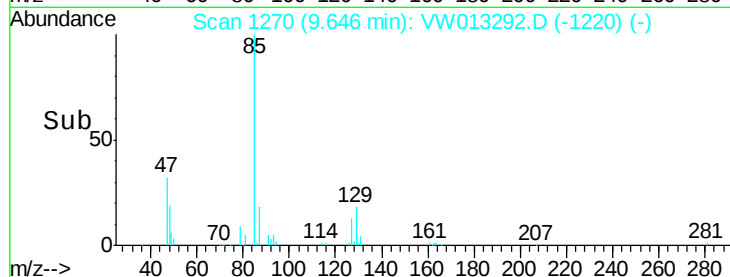
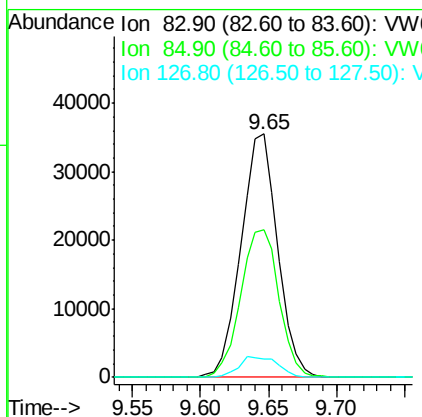
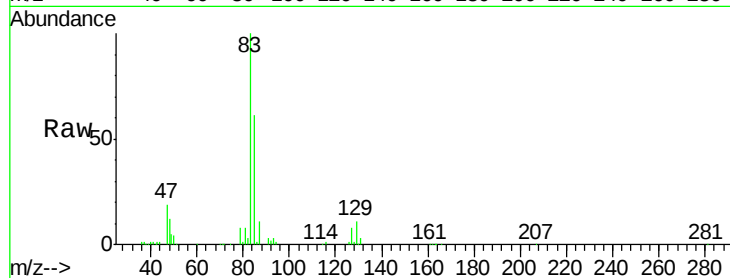
ClientSampleId :

VW0925SBSD01

Tot Ion:	83	Resp:	66647
Ion Ratio	Lower	Upper	
83	100		
85	60.8	49.4	74.2
127	7.7	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 24.297 ug/l

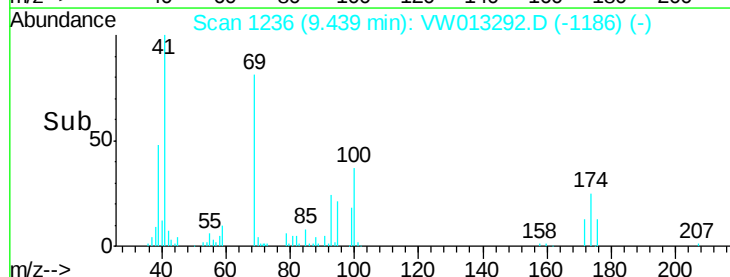
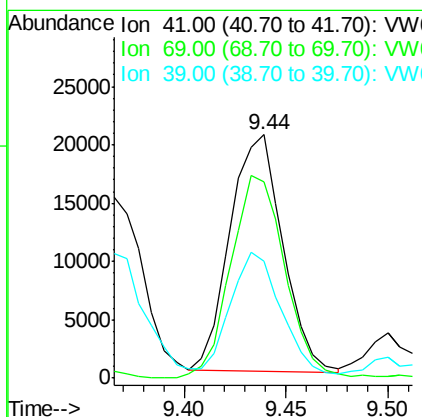
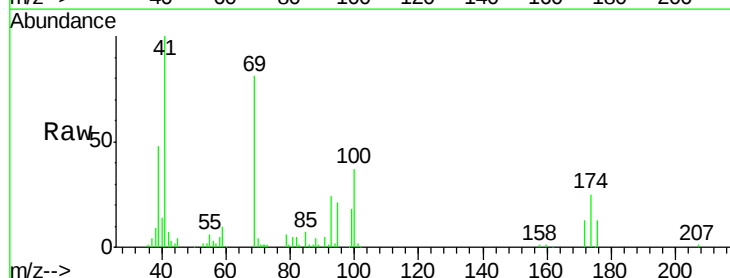
RT: 9.44 min Scan# 1236

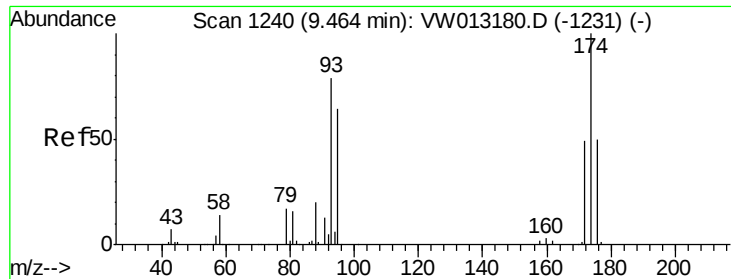
Delta R.T. 0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Tgt Ion:	41	Resp:	36613
Ion Ratio	Lower	Upper	
41	100		
69	88.0	69.7	104.5
39	47.8	41.1	61.7





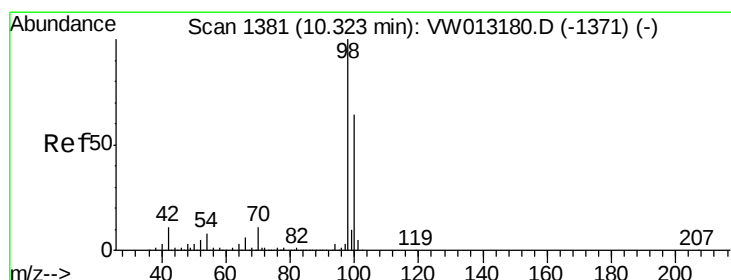
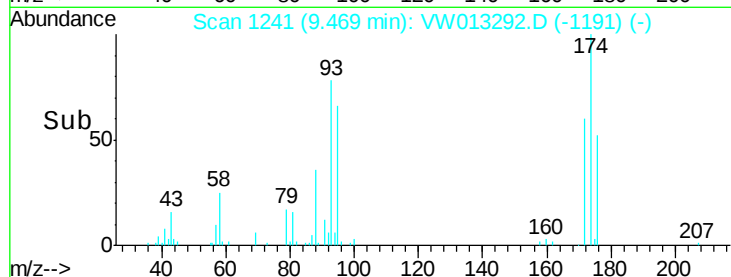
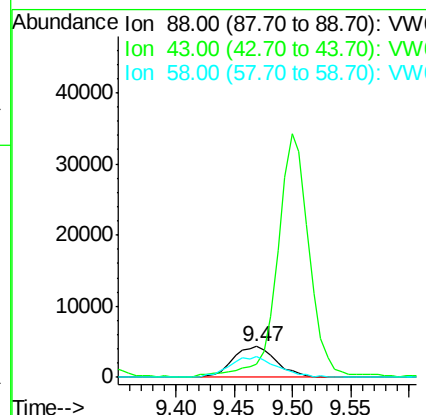
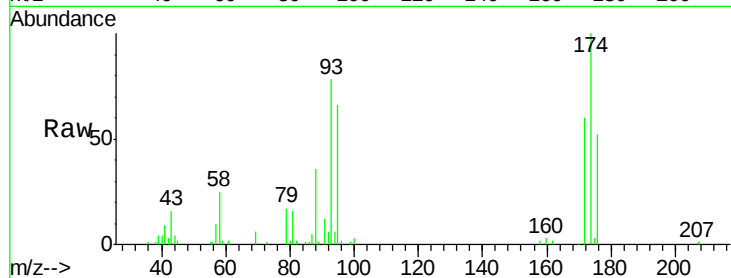
#49
1,4-Dioxane
Concen: 574.865 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	88	Resp	11224
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.5	65.4	98.0

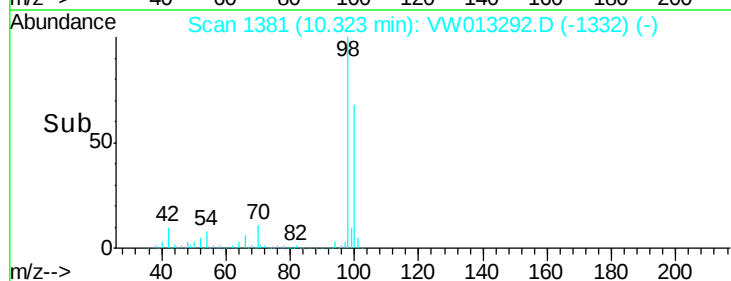
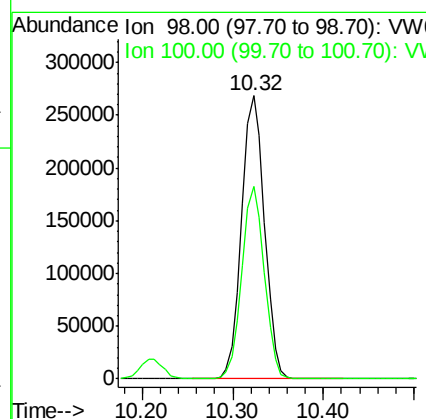
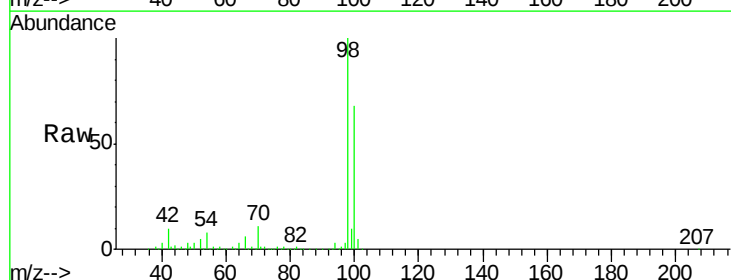
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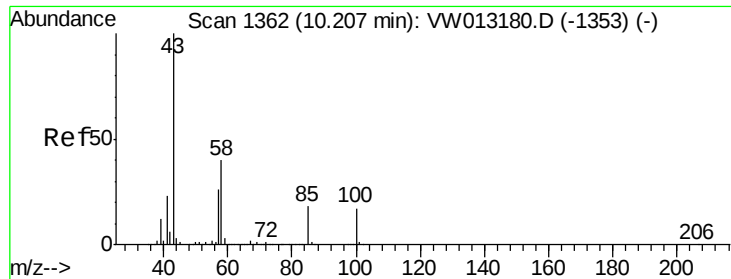
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#50
Toluene-d8
Concen: 50.833 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	98	Resp	475272
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.9	79.3





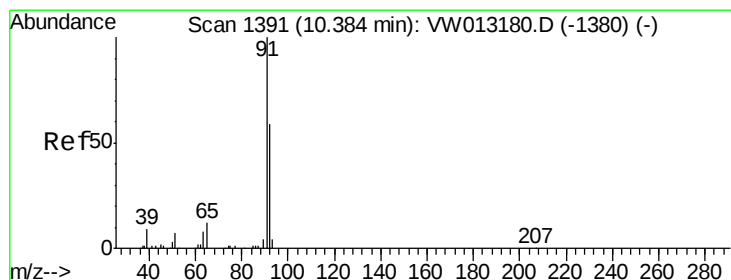
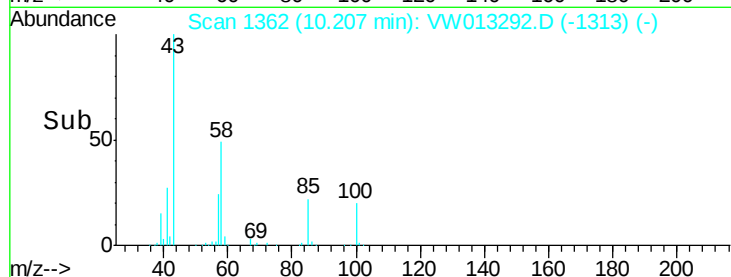
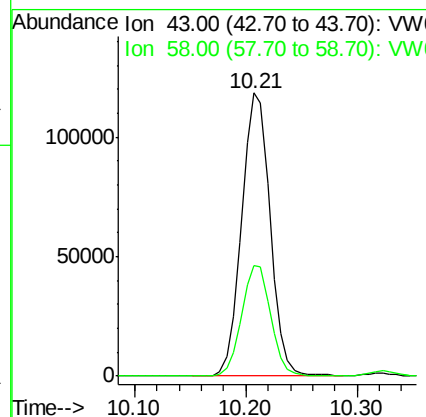
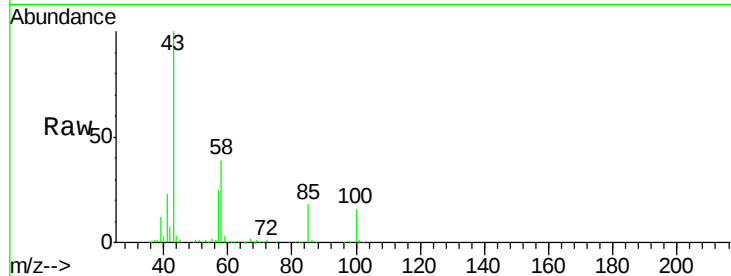
#51
4-Methyl-2-Pentanone
Concen: 130.404 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	43	Resp	209500
Ion Ratio	100	Lower	Upper
43	100		
58	39.9	31.7	47.5

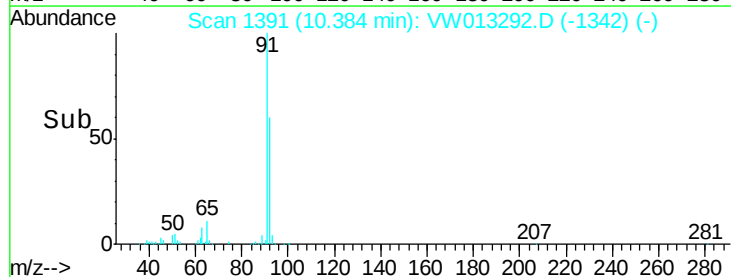
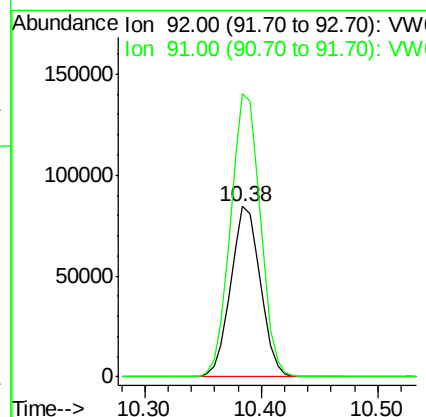
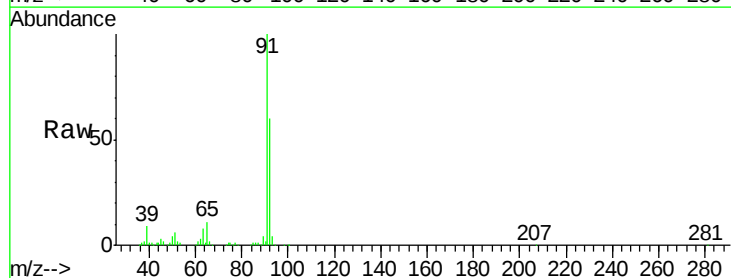
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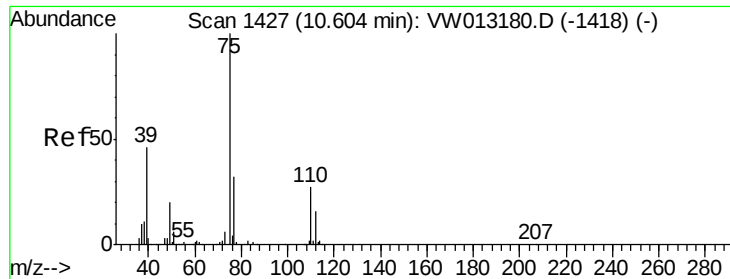
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#52
Toluene
Concen: 21.186 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	92	Resp	149002
Ion Ratio	100	Lower	Upper
92	100		
91	168.1	135.7	203.5





#53

t-1,3-Dichloropropene

Concen: 20.994 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 75 Resp: 71387

Ion Ratio Lower Upper

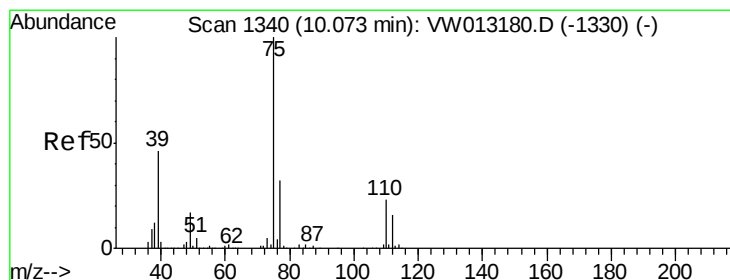
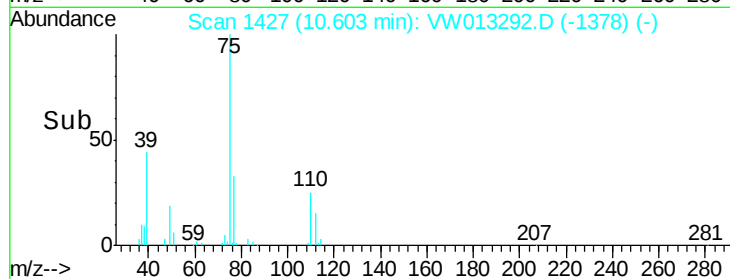
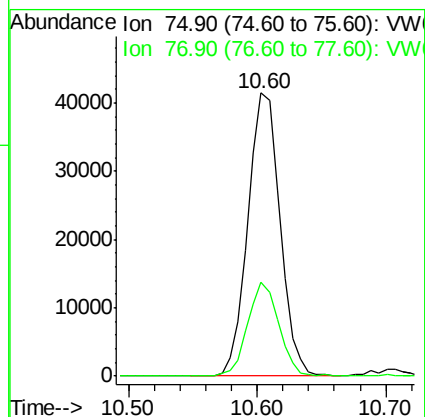
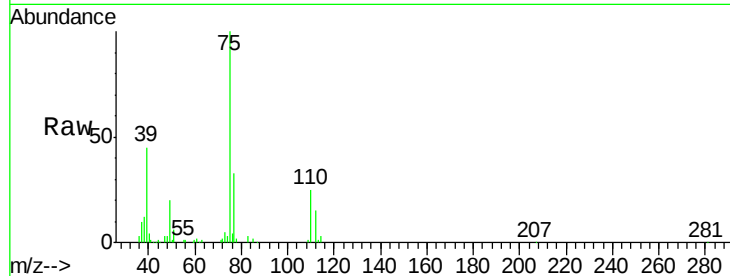
75 100

77 33.1 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 20.785 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

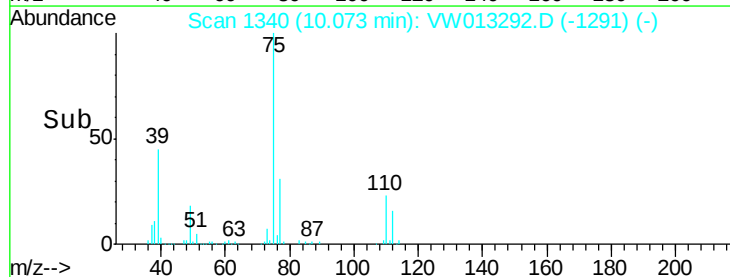
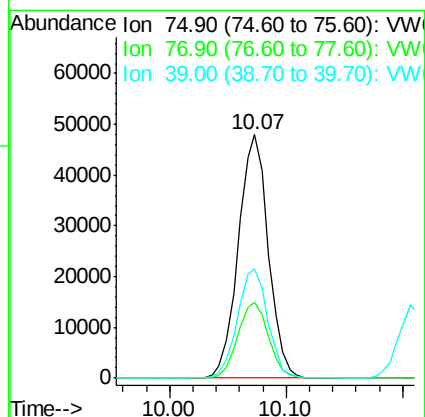
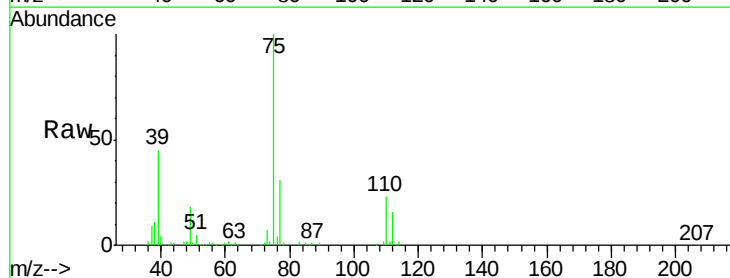
Tgt Ion: 75 Resp: 85935

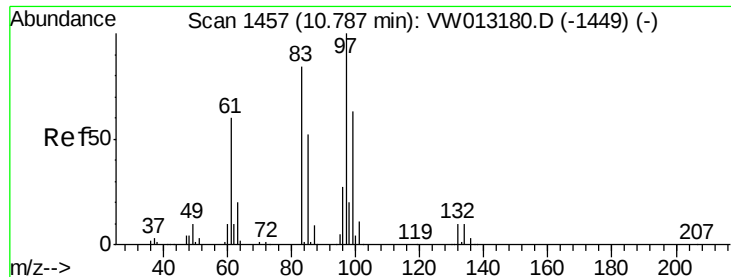
Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 44.9 36.6 55.0





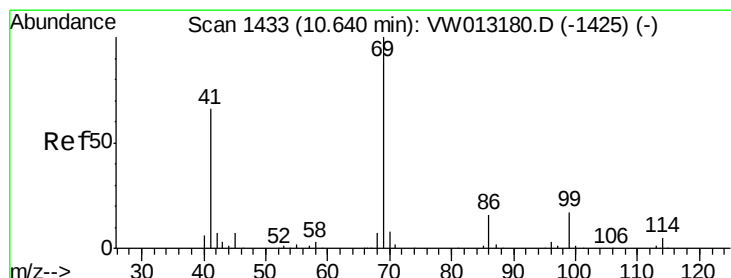
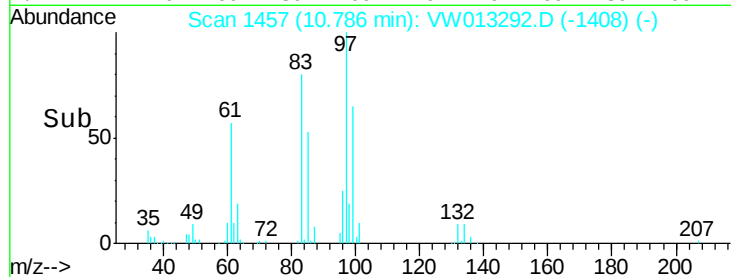
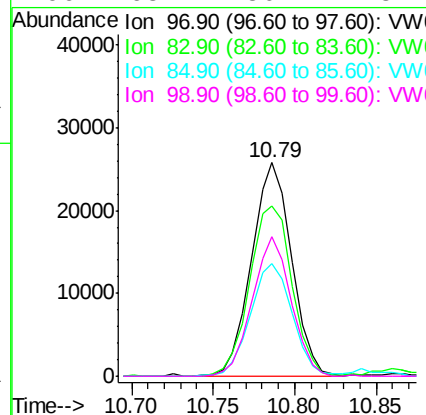
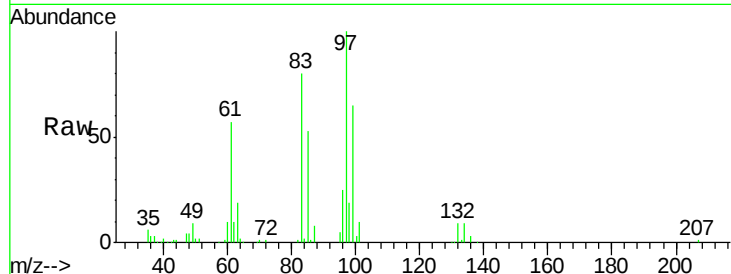
#55
 1,1,2-Trichloroethane
 Concen: 22.569 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion:	97	Resp:	43877
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.6	101.4
85	52.3	41.9	62.9
99	65.2	50.1	75.1

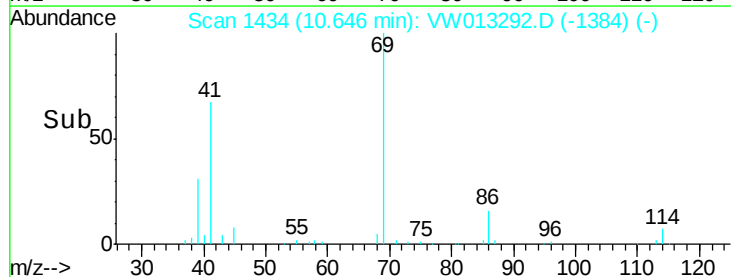
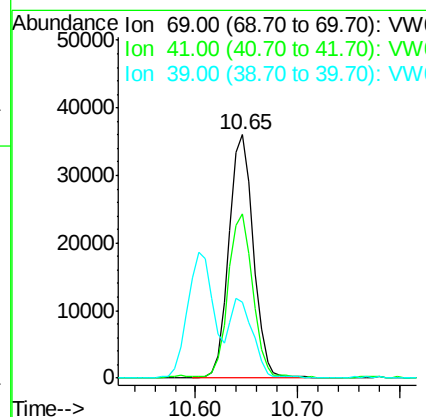
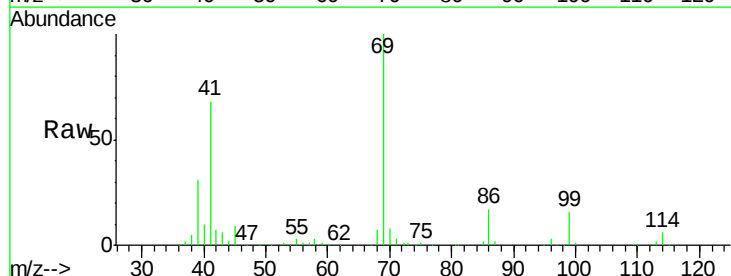
Manual Integrations
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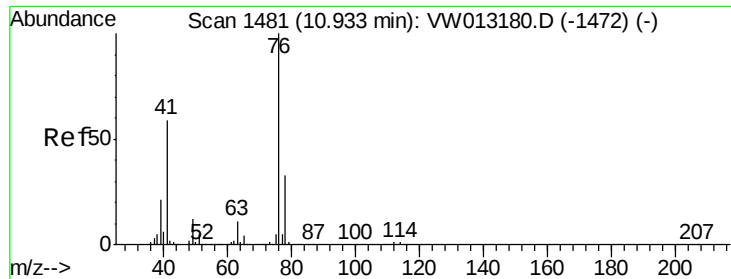
MMDadoda
 9/26/2019 3:33:17 PM



#56
 Ethyl methacrylate
 Concen: 23.512 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion:	69	Resp:	59823
Ion	Ratio	Lower	Upper
69	100		
41	68.9	53.9	80.9
39	30.4	23.8	35.6





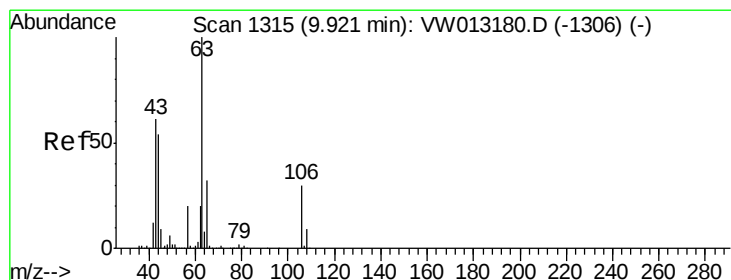
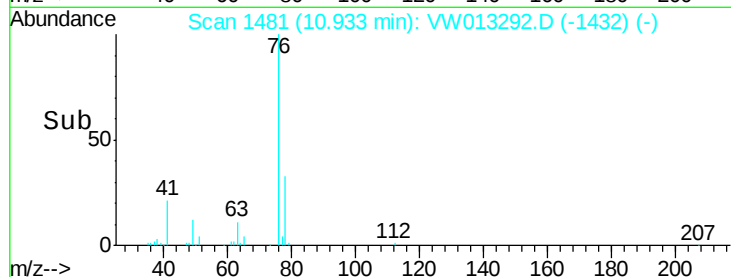
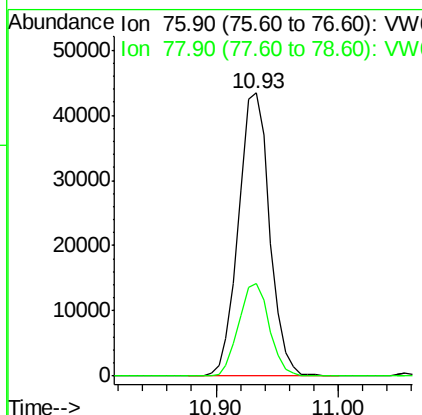
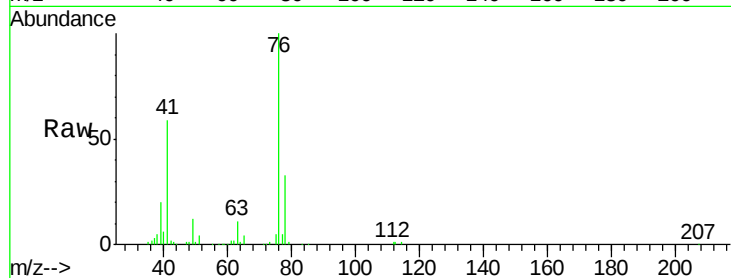
#57
 1,3-Dichloropropane
 Concen: 22.559 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

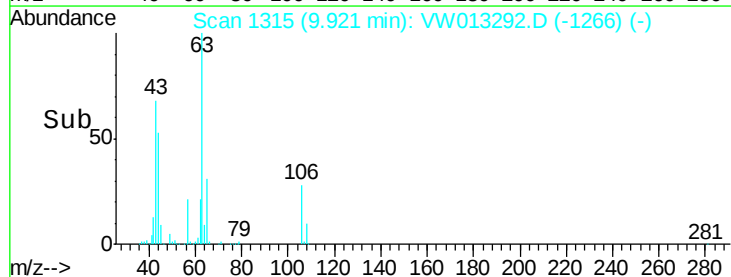
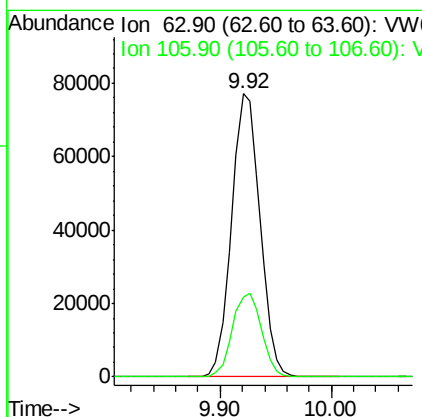
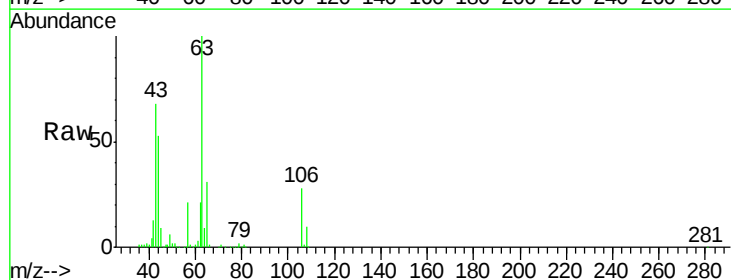
Manual Integrations
 APPROVED

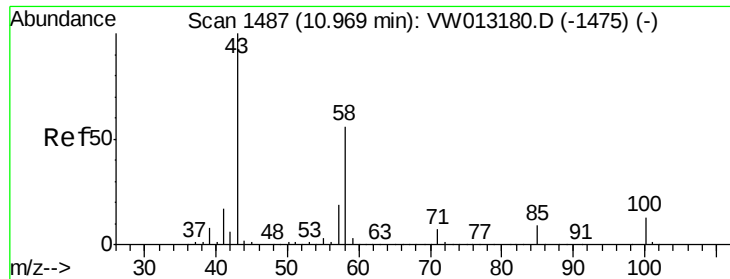
MMDadoda
 9/26/2019 3:33:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.804 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.4	35.0





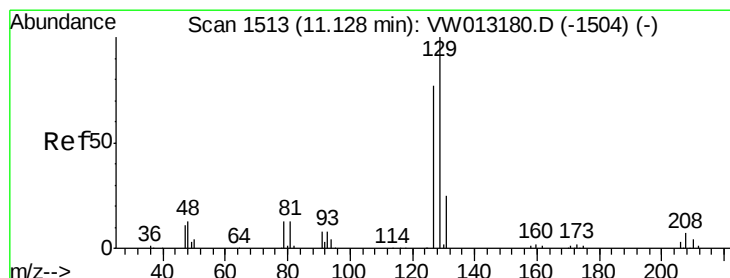
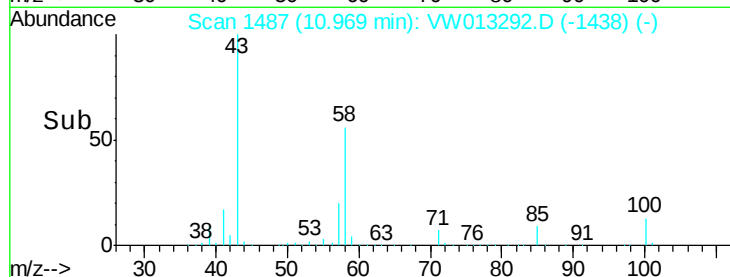
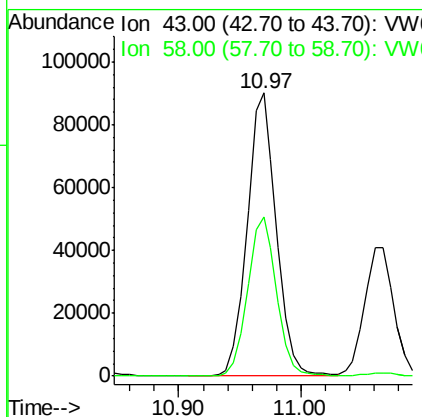
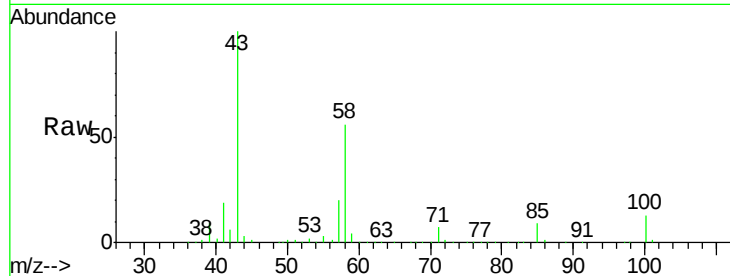
#59
2-Hexanone
Concen: 134.541 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion: 43 Resp: 148708
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.2

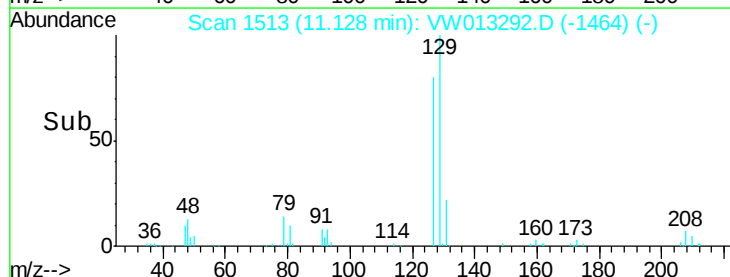
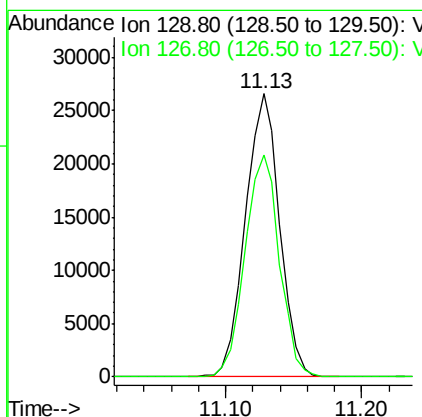
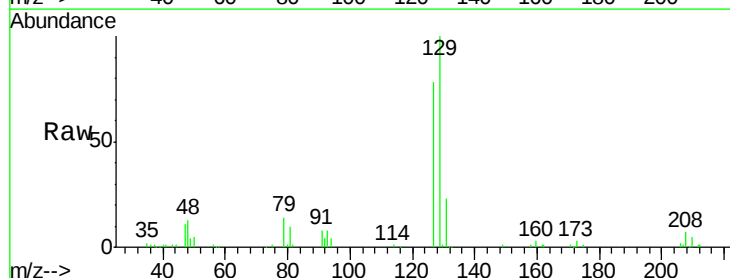
Manual Integrations
APPROVED

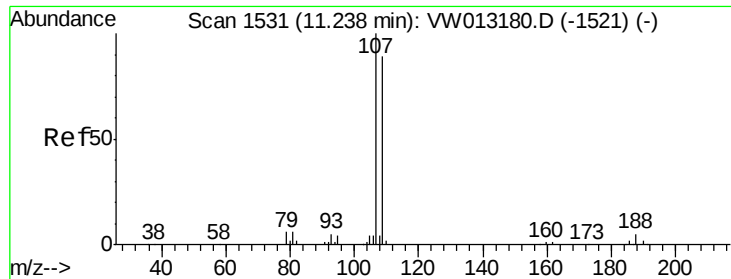
MMDadoda
9/26/2019 3:33:17 PM



#60
Dibromochloromethane
Concen: 21.148 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion: 129 Resp: 46686
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4





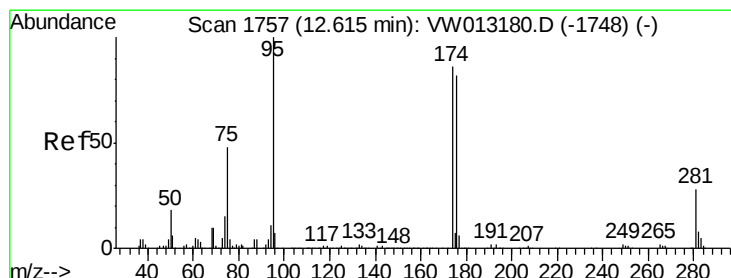
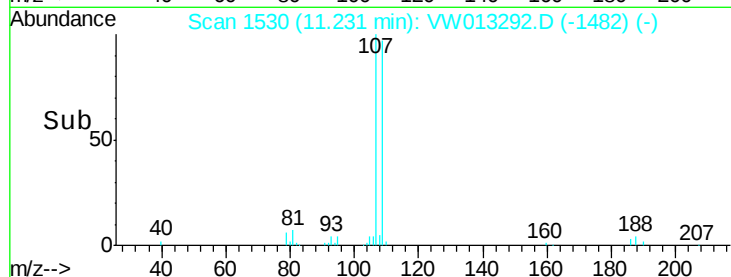
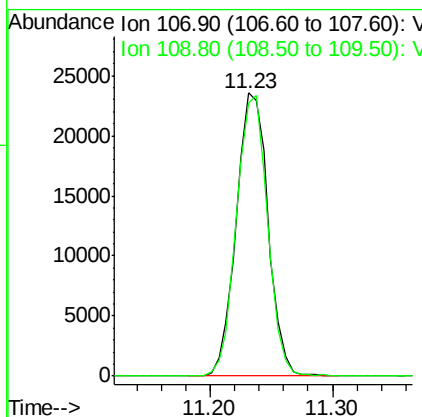
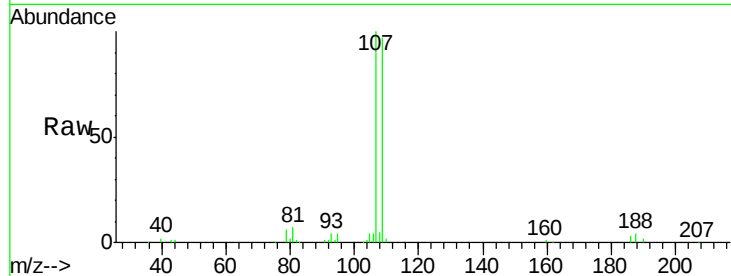
#61
 1,2-Dibromoethane
 Concen: 23.003 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.6	75.2	112.8

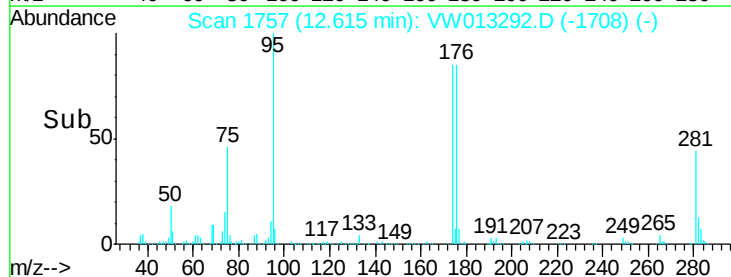
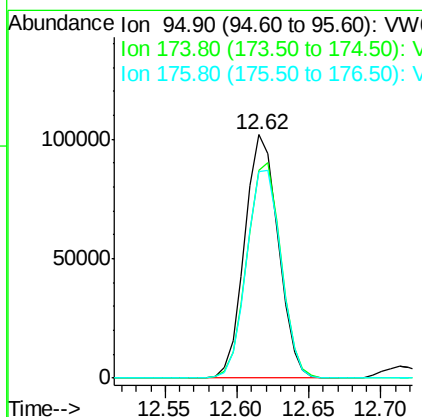
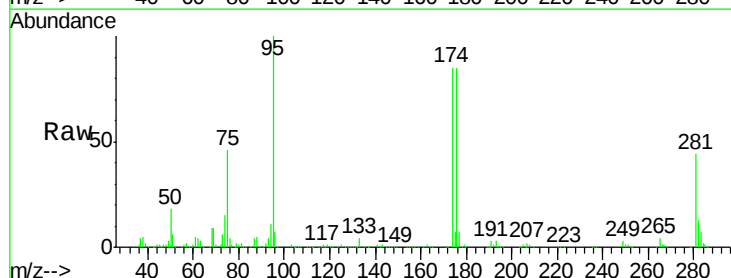
Manual Integrations
 APPROVED

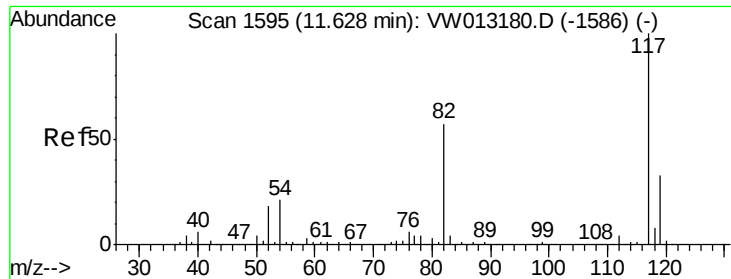
MMDadoda
 9/26/2019 3:33:17 PM



#62
 4-Bromofluorobenzene
 Concen: 51.487 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	178.4
176	87.6	0.0	172.2





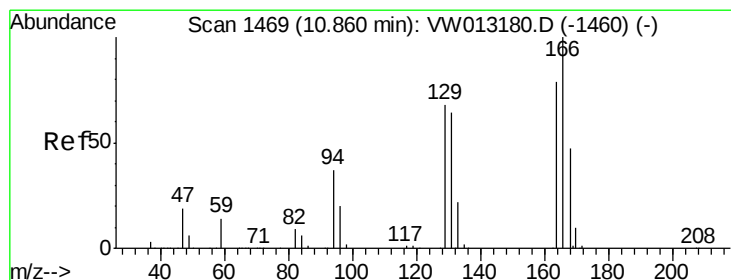
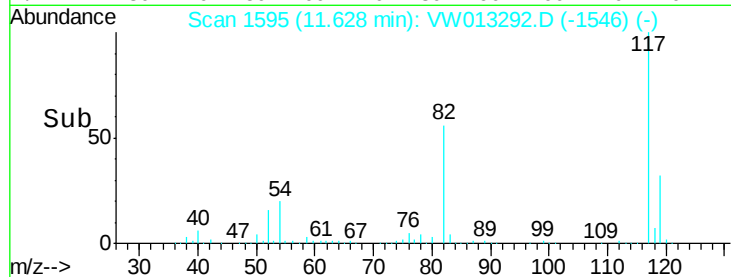
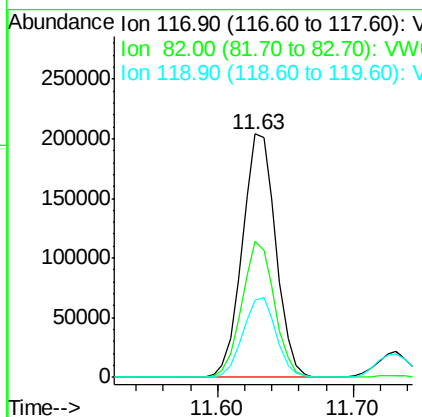
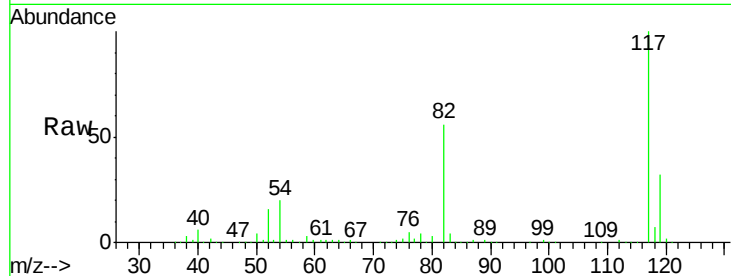
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	350511		
82	55.9	45.9	68.9	
119	31.9	26.2	39.2	

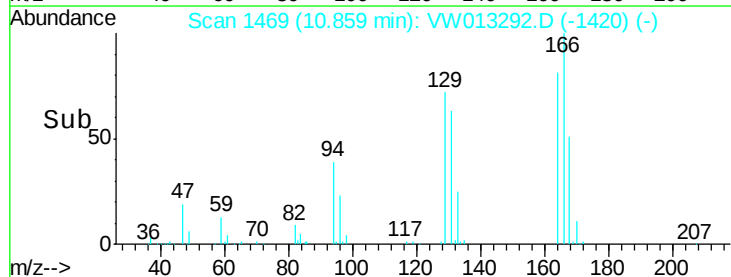
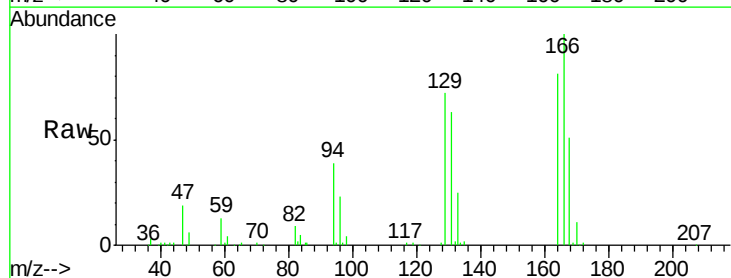
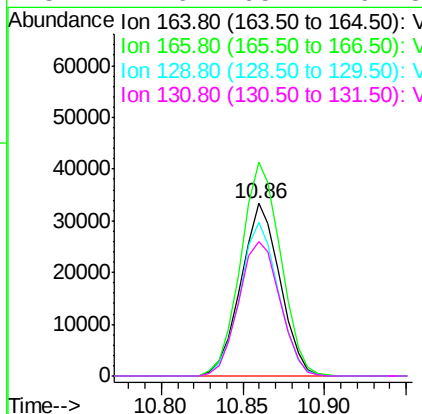
Manual Integrations
APPROVED

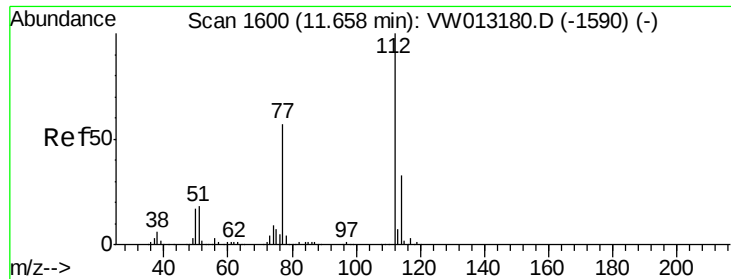
MMDadoda
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#64
Tetrachloroethene
Concen: 20.954 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55726		
166	123.6	101.2	151.8	
129	89.0	68.8	103.2	
131	77.6	65.2	97.8	





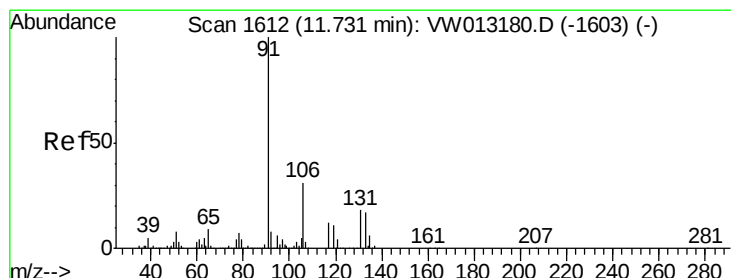
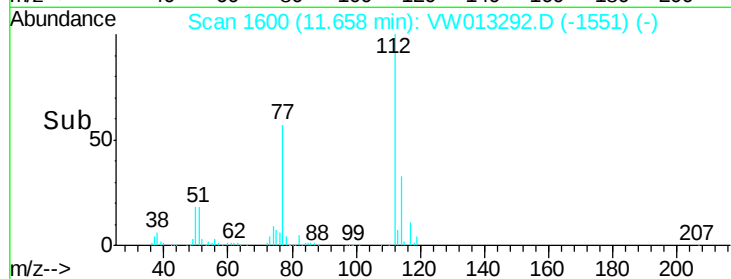
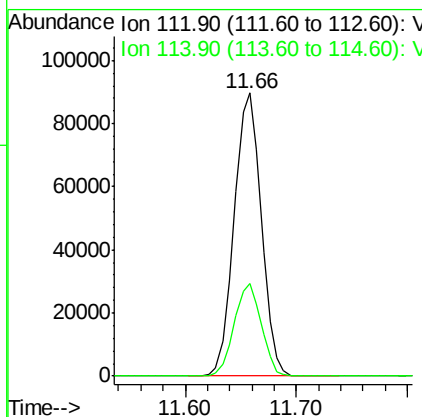
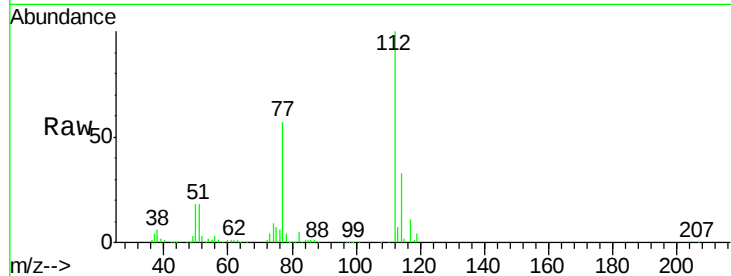
#65
Chlorobenzene
Concen: 20.661 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.5	39.7

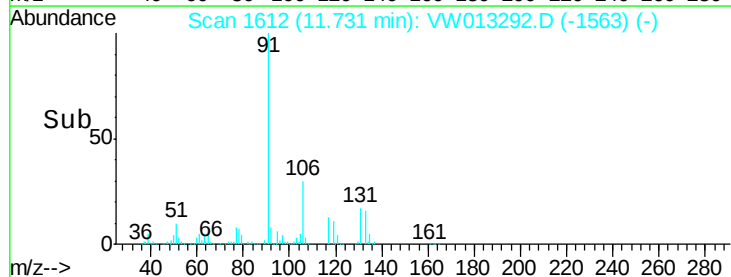
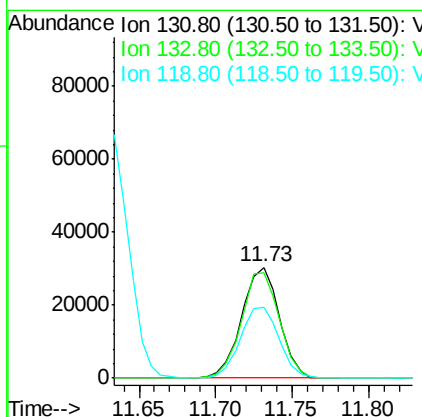
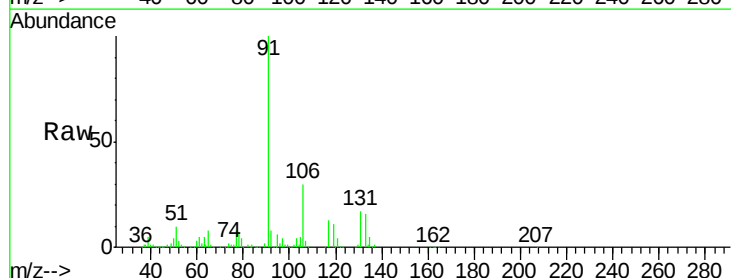
Manual Integrations
APPROVED

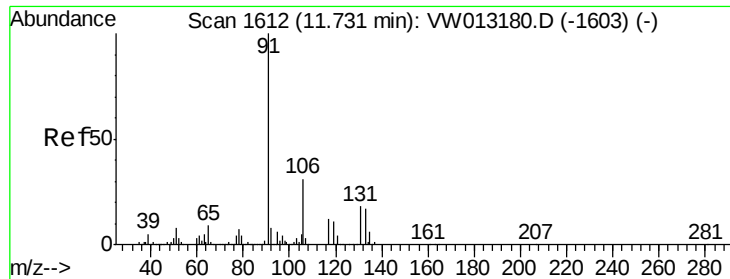
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.650 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.5	142.6
119	66.2	32.5	97.5





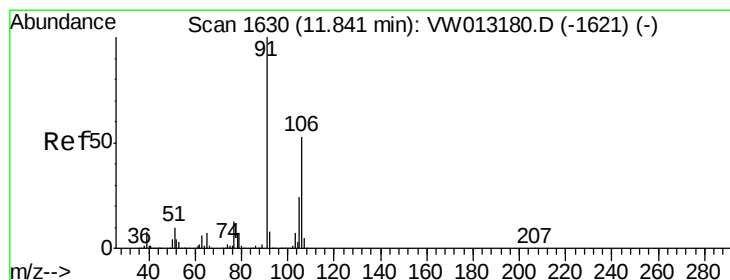
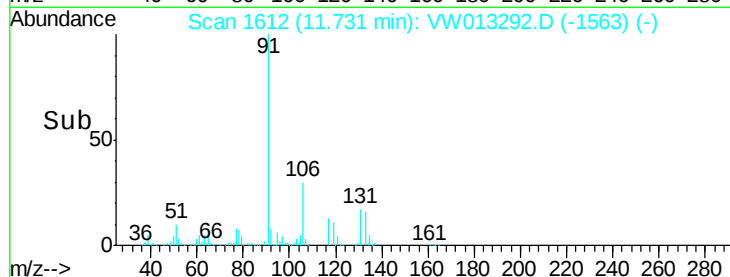
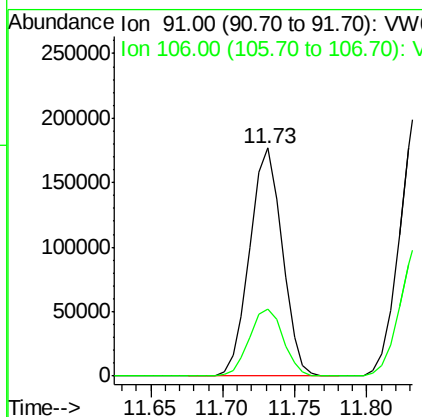
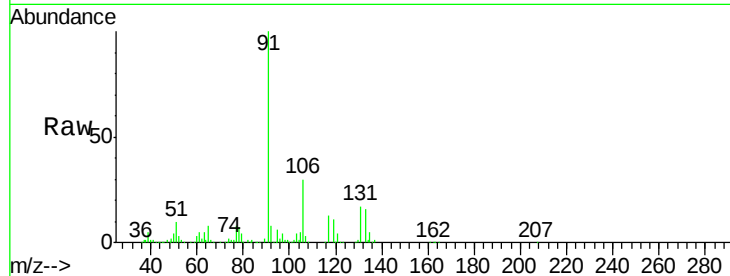
#67
Ethyl Benzene
Concen: 20.900 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.9	37.3

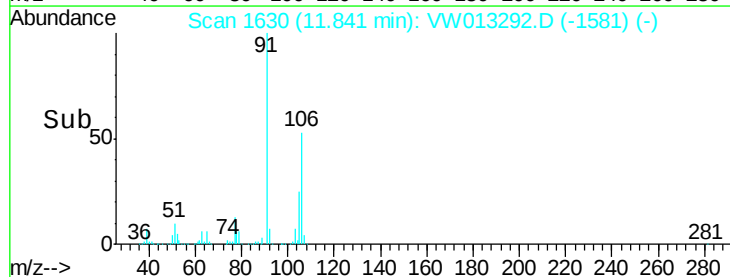
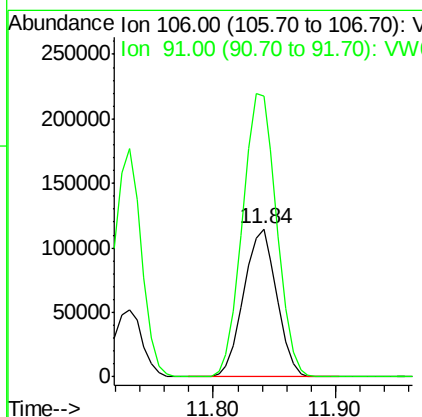
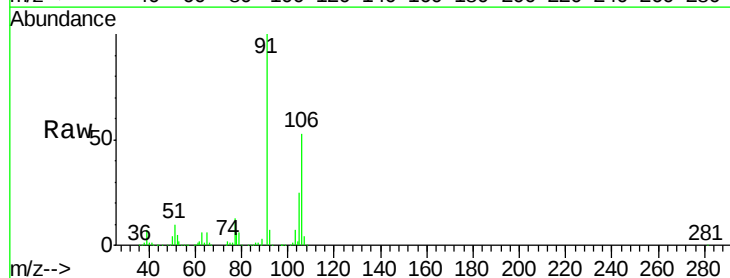
Manual Integrations
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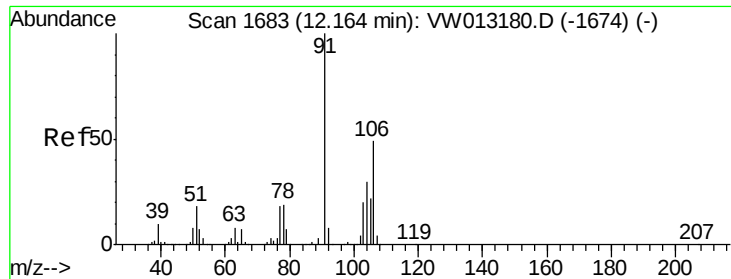
MMDadoda
9/26/2019 3:33:17 PM



#68
m/p-Xylenes
Concen: 42.630 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.3	157.9	236.9





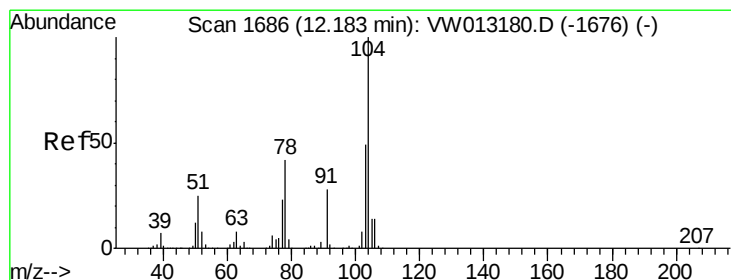
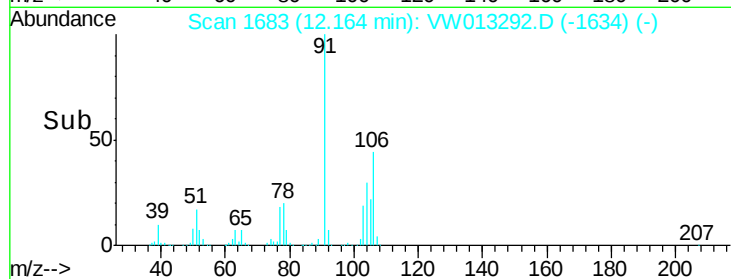
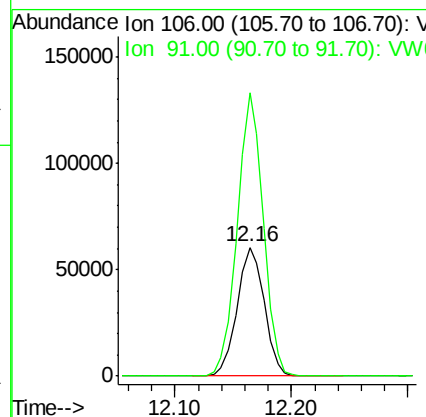
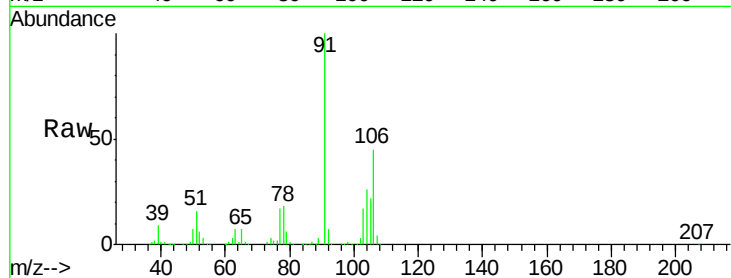
#69
o-Xylene
Concen: 20.855 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		97988		
91	211.2	106.5	319.5		

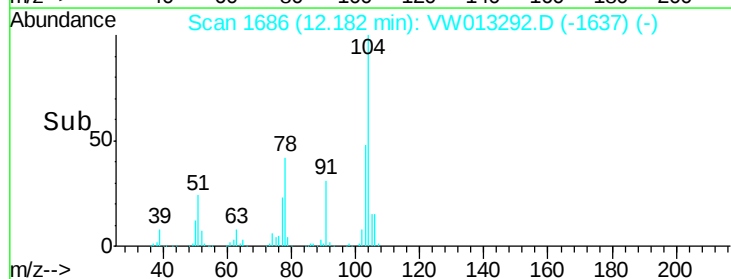
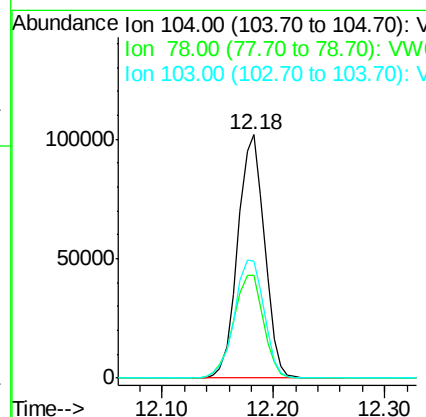
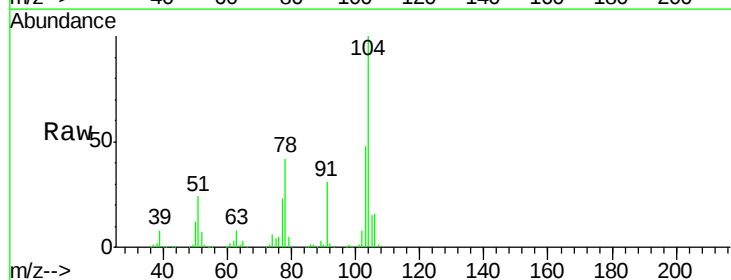
Manual Integrations
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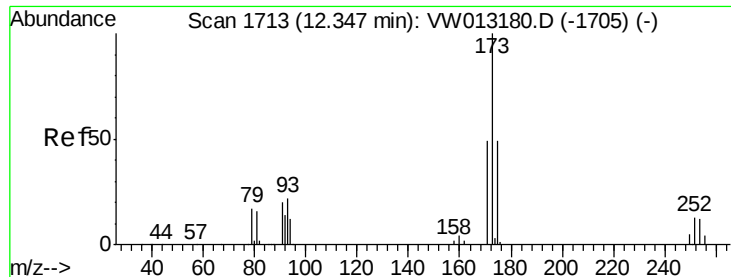
MMDadoda
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#70
Styrene
Concen: 21.009 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		169466		
78	47.5	38.4	57.6		
103	54.0	43.3	64.9		





#71

Bromoform

Concen: 23.044 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion:173 Resp: 30442

Ion Ratio Lower Upper

173 100

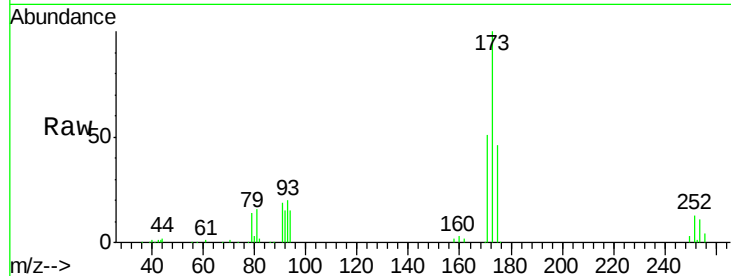
175 48.6 24.3 73.0

254 0.0 0.1 0.1#

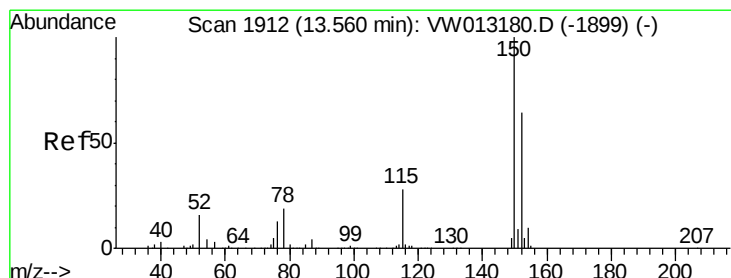
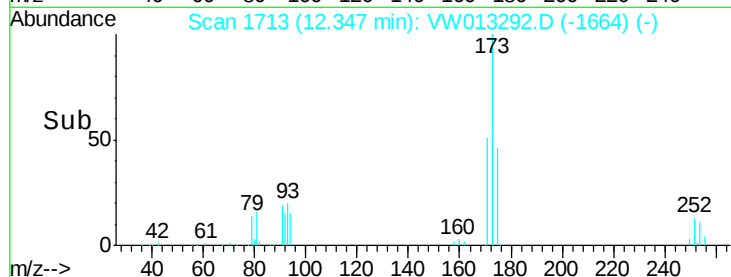
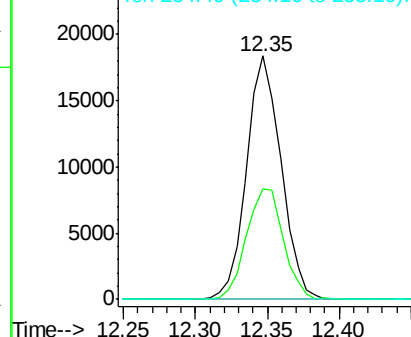
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

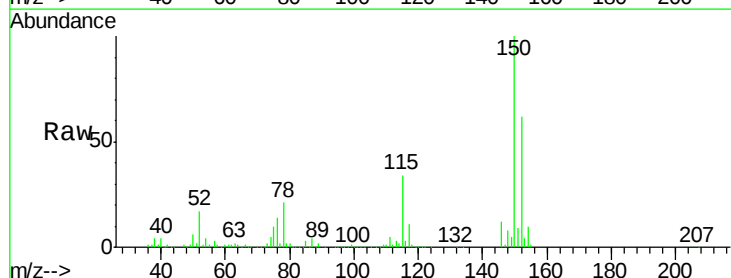
Tgt Ion:152 Resp: 183082

Ion Ratio Lower Upper

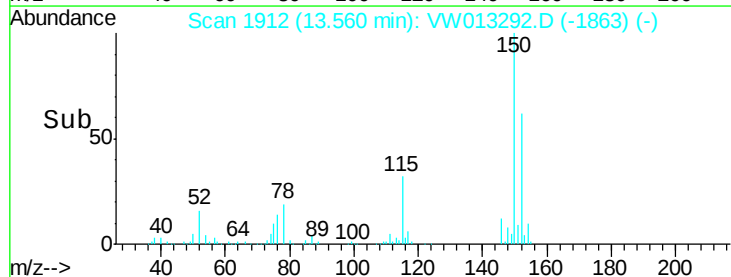
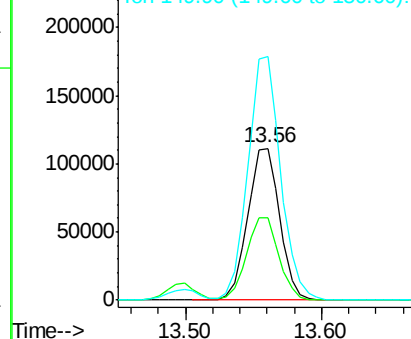
152 100

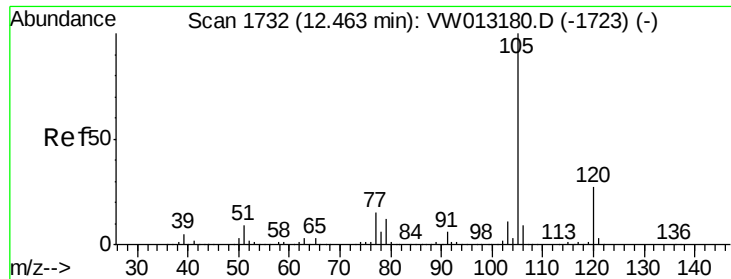
115 54.5 27.3 81.9

150 164.6 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.324 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion:105 Resp: 274870

Ion Ratio Lower Upper

105 100

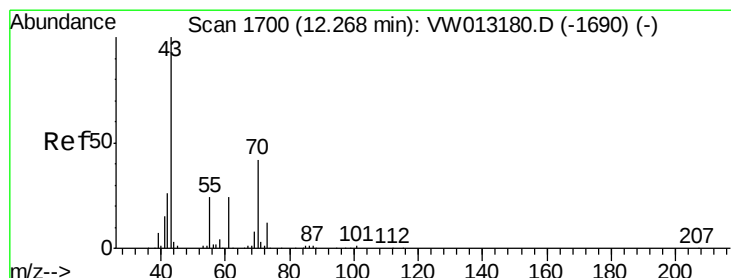
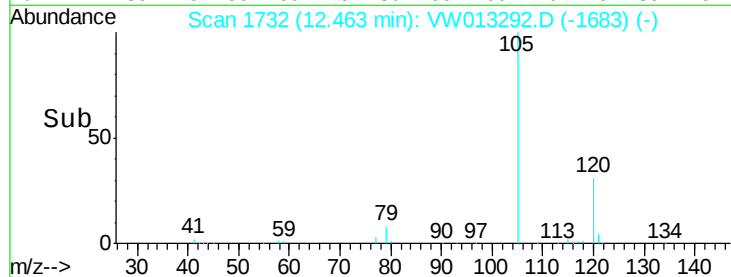
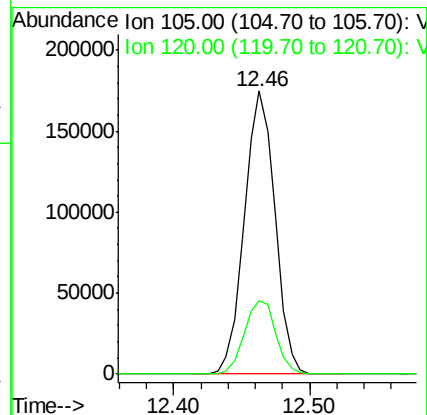
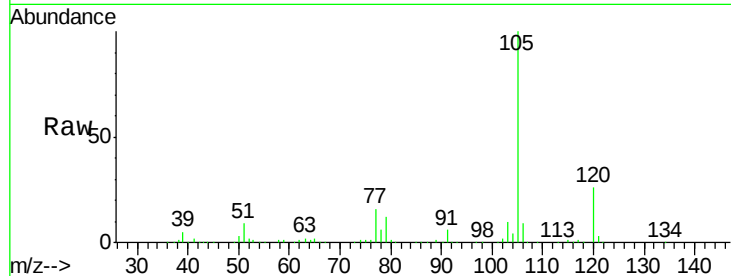
120 26.5 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 23.449 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Tgt Ion: 43 Resp: 70371

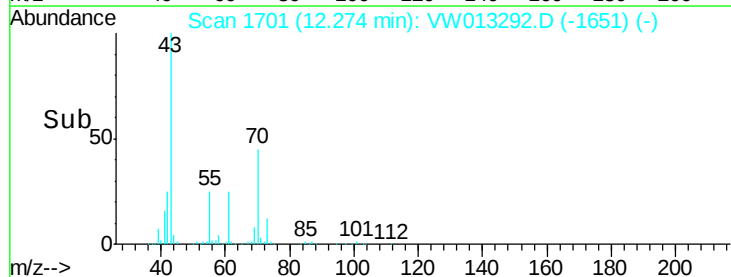
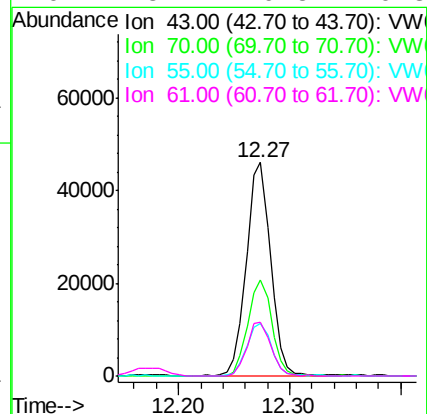
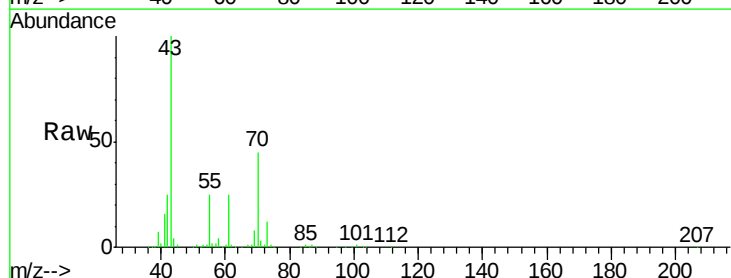
Ion Ratio Lower Upper

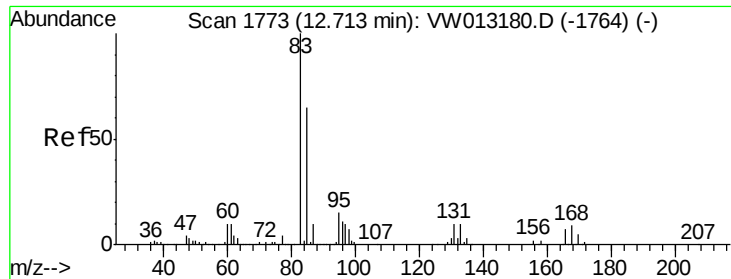
43 100

70 45.1 35.1 52.7

55 25.4 19.9 29.9

61 25.2 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 24.058 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

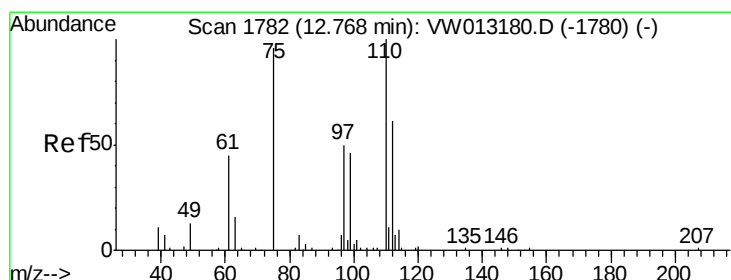
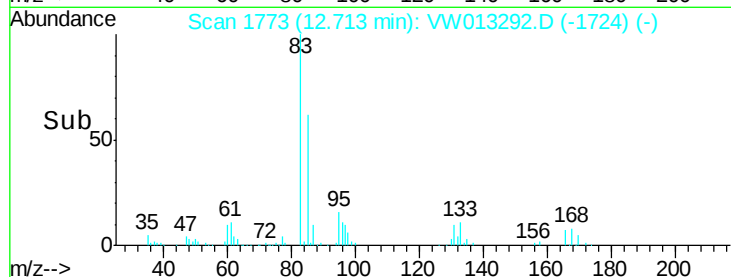
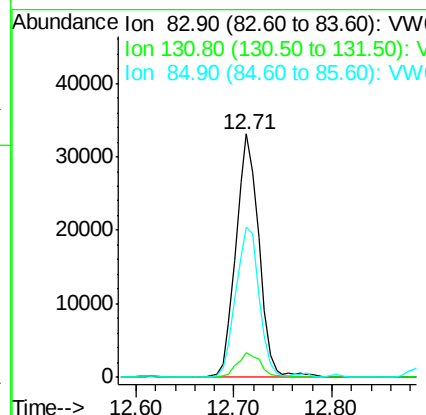
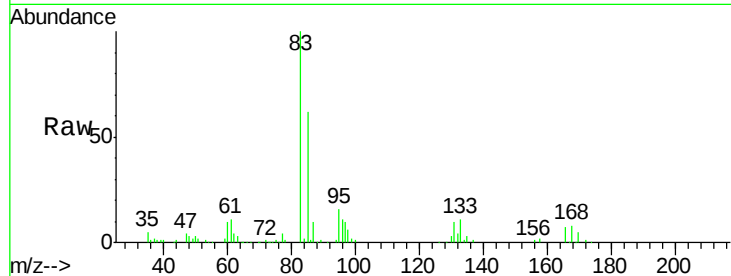
ClientSampleId :

VW0925SBS01

Tot Ion:	83	Resp:	54416
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	62.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 26.015 ug/l m

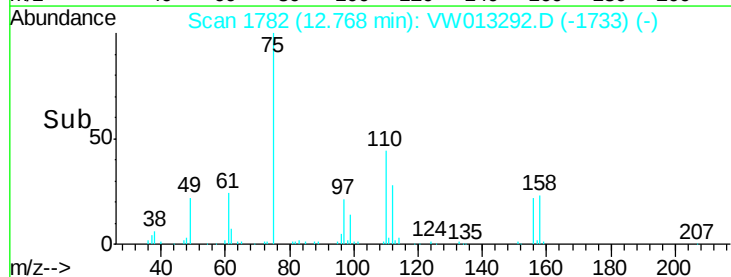
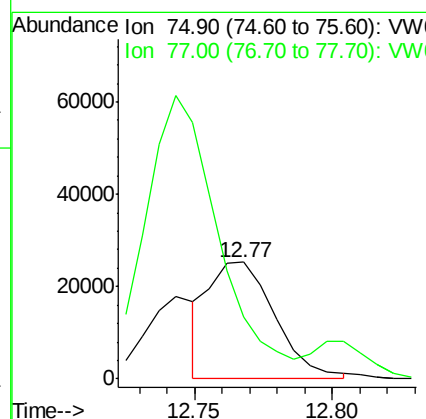
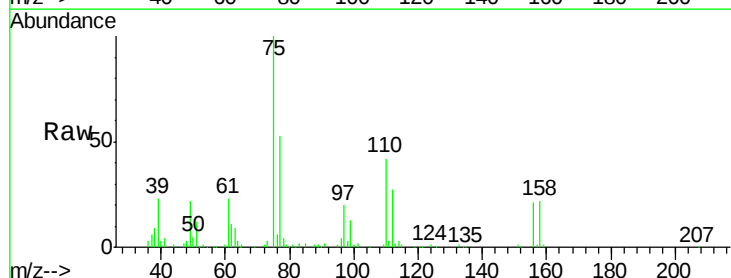
RT: 12.77 min Scan# 1782

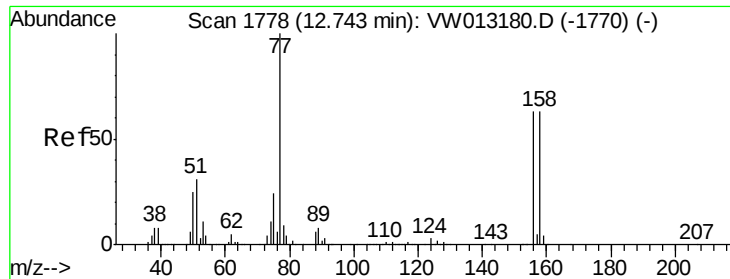
Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Tgt Ion:	75	Resp:	42062
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.709 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

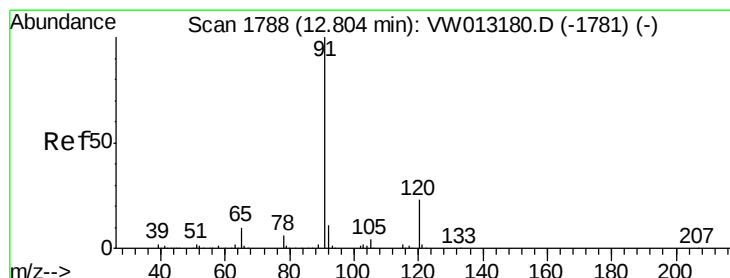
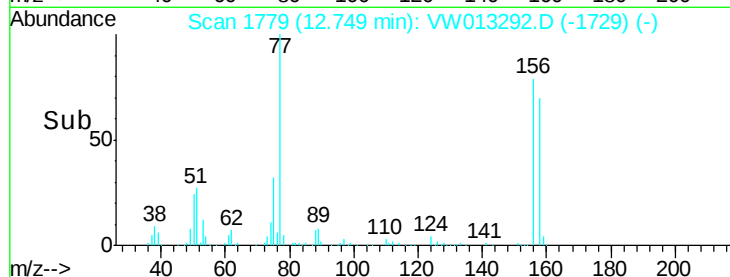
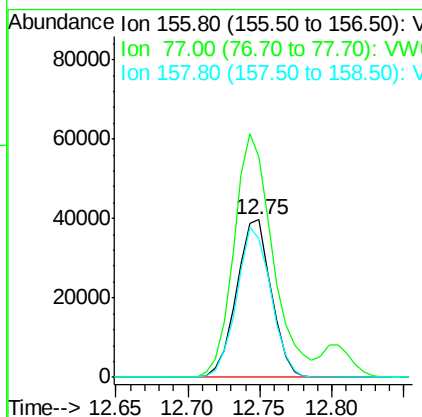
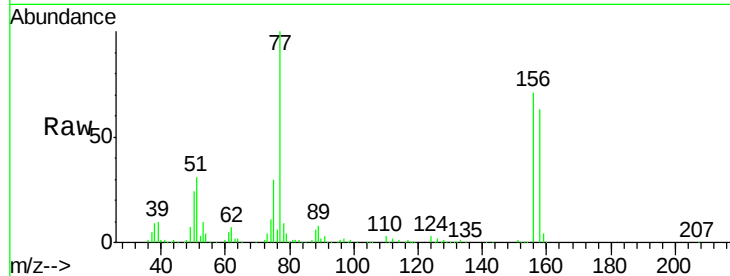
ClientSampleId :

VW0925SBSD01

Tot Ion:	156	Resp:	66371
Ion Ratio	Lower	Upper	
156	100		
77	173.2	85.7	257.1
158	94.1	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.454 ug/l

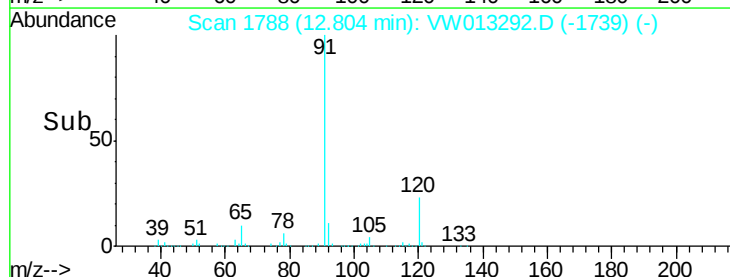
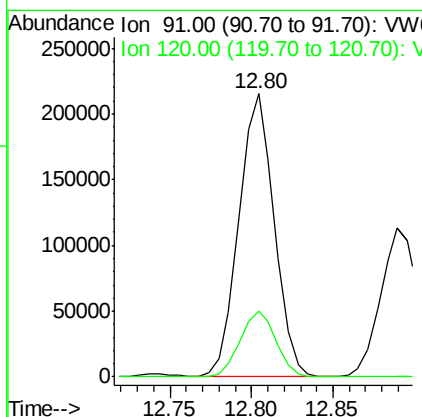
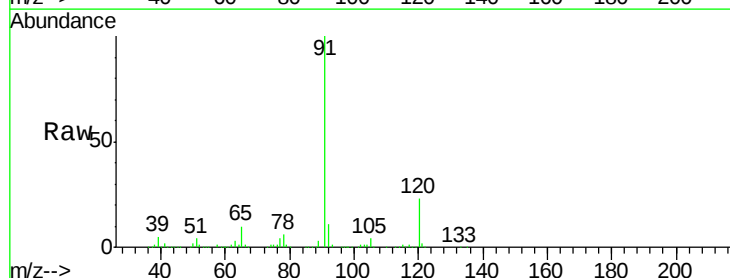
RT: 12.80 min Scan# 1788

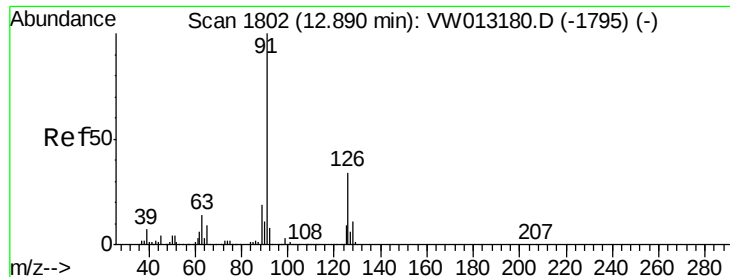
Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Tgt Ion:	91	Resp:	323810
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.393 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 91 Resp: 180866

Ion Ratio Lower Upper

91 100

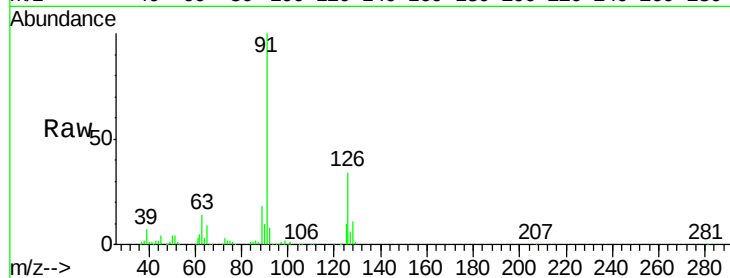
126 34.1 17.2 51.5

Manual Integrations

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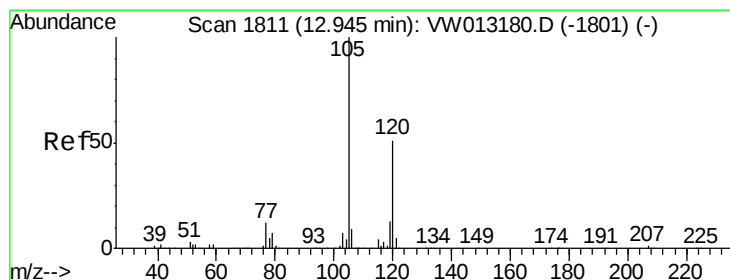
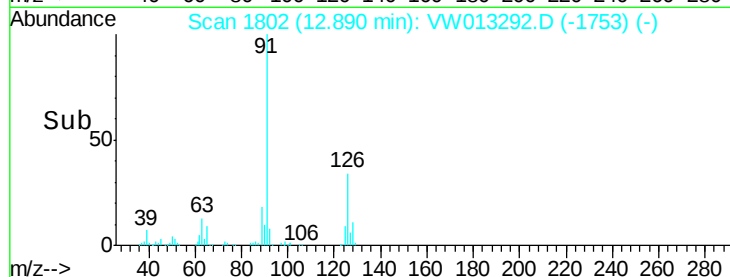
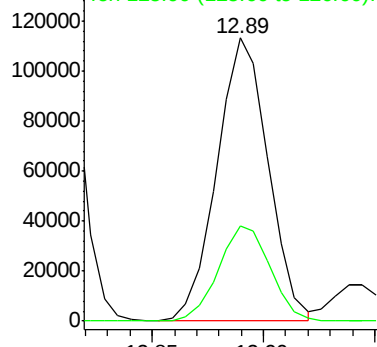
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.313 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013292.D

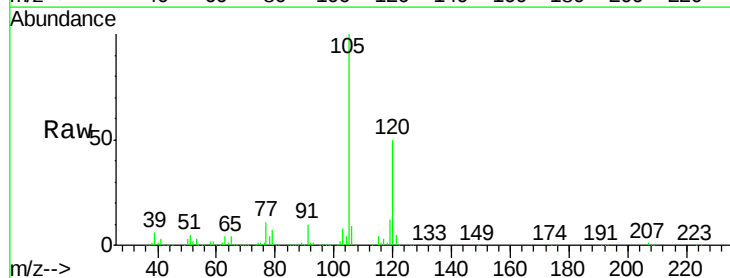
Acq: 25 Sep 2019 11:41

Tgt Ion:105 Resp: 230933

Ion Ratio Lower Upper

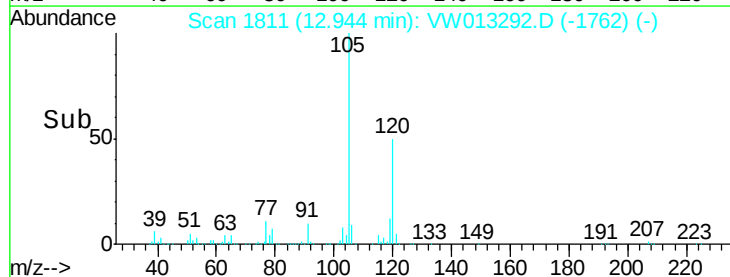
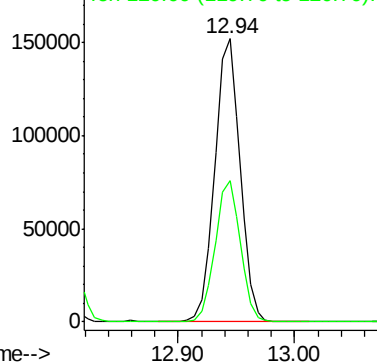
105 100

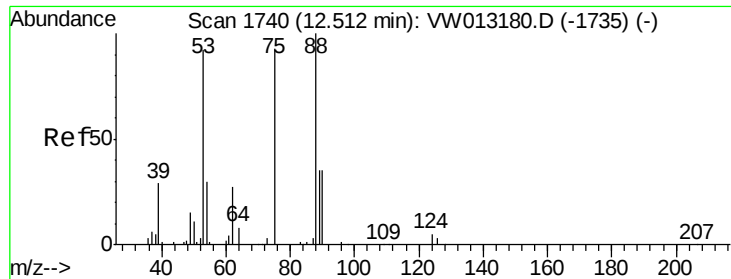
120 50.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





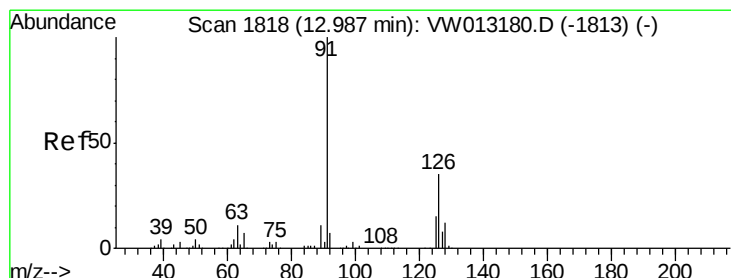
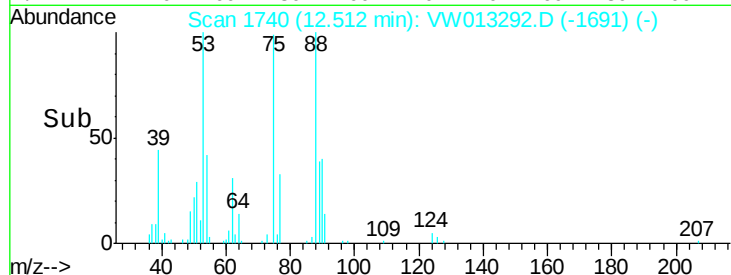
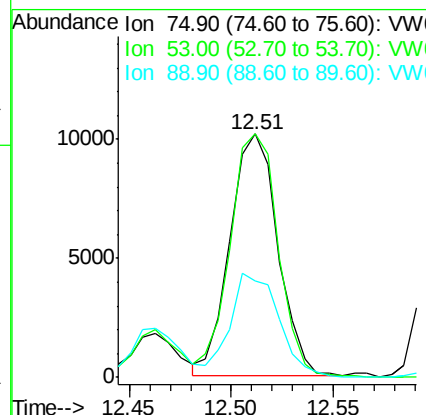
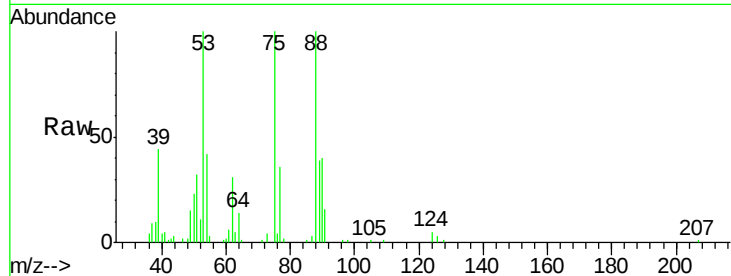
#81
trans-1,4-Dichloro-2-butene
Concen: 22.734 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	76.6	114.8
89	43.7	33.5	50.3

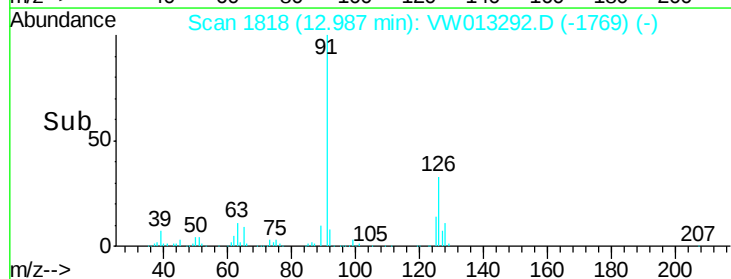
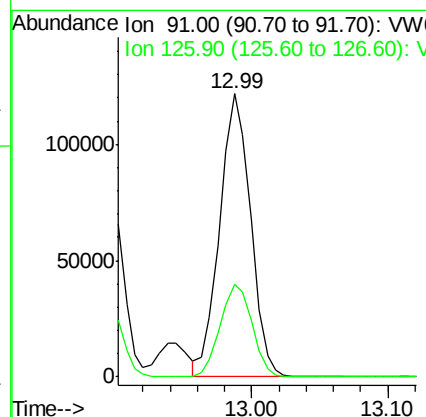
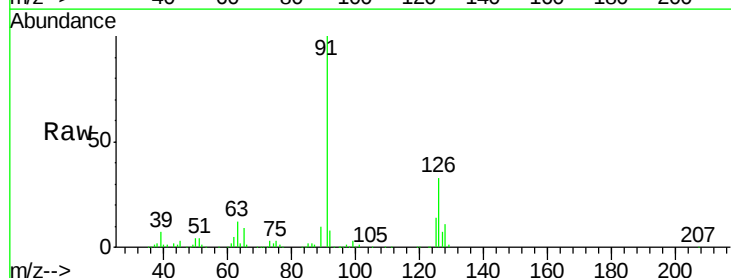
Manual Integrations
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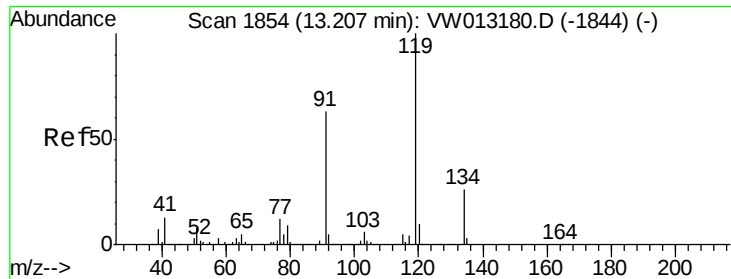
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#82
4-Chlorotoluene
Concen: 20.488 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.3	51.7





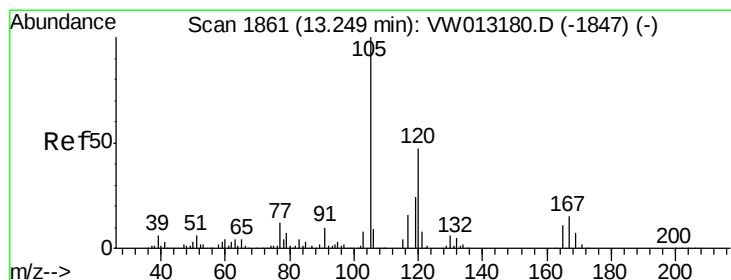
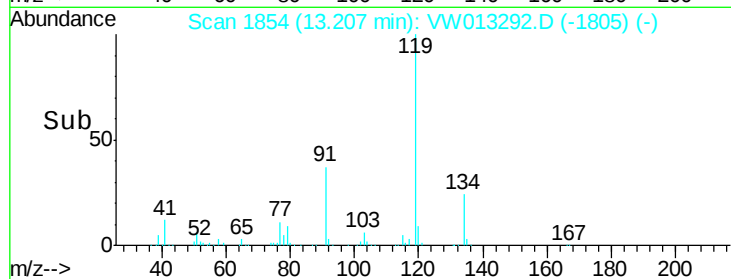
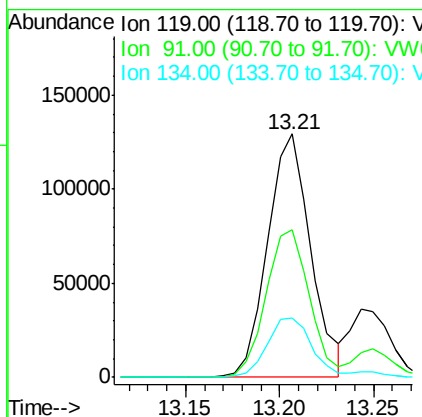
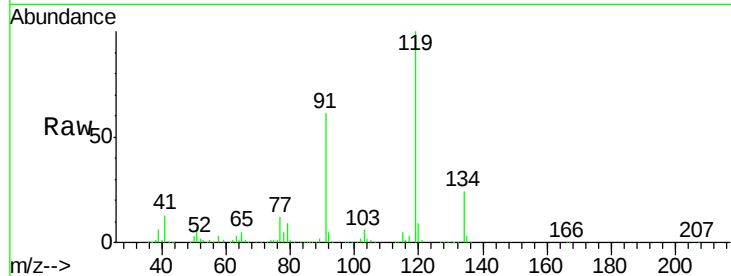
#83
 tert-Butylbenzene
 Concen: 20.596 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	205516		
91	60.8		30.7	92.1
134	25.5		12.6	37.6

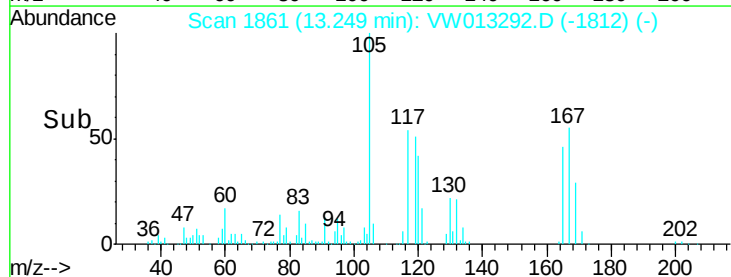
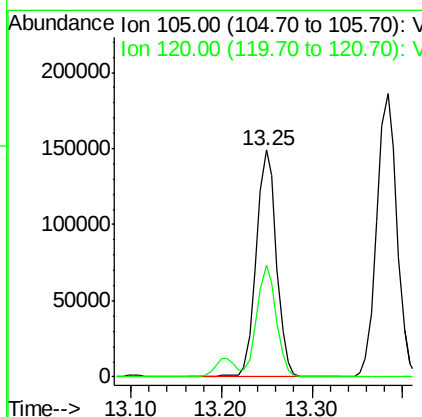
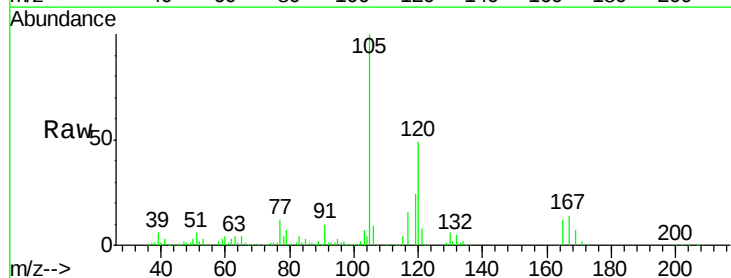
Manual Integrations
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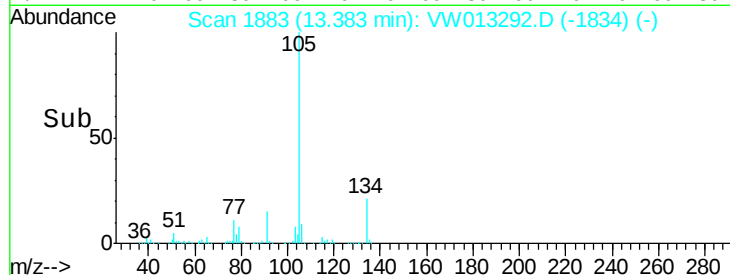
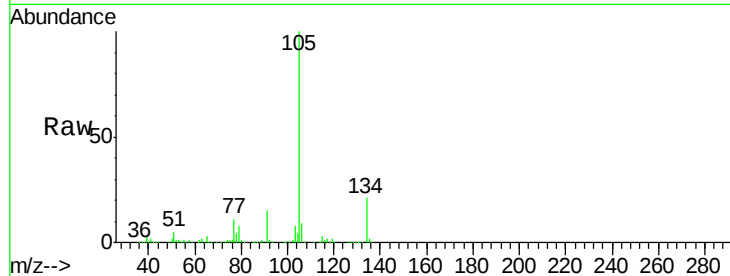
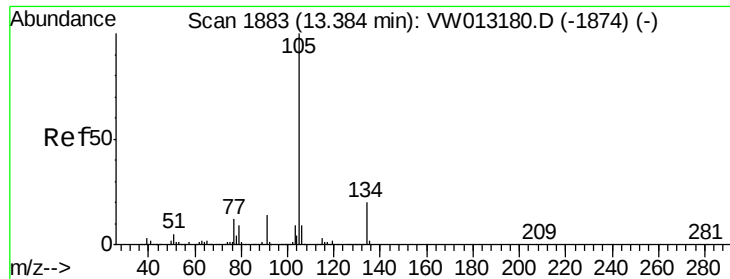
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.252 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229110		
120	47.5		23.4	70.3





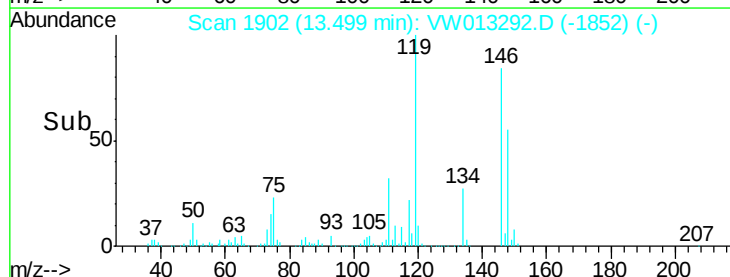
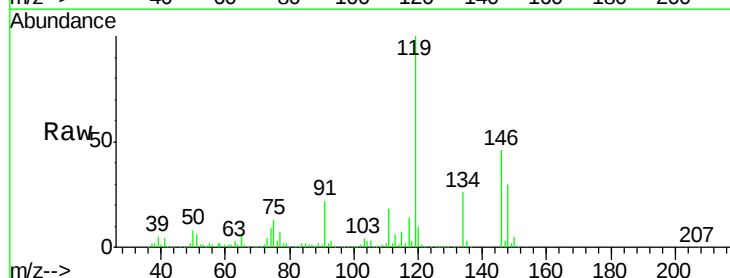
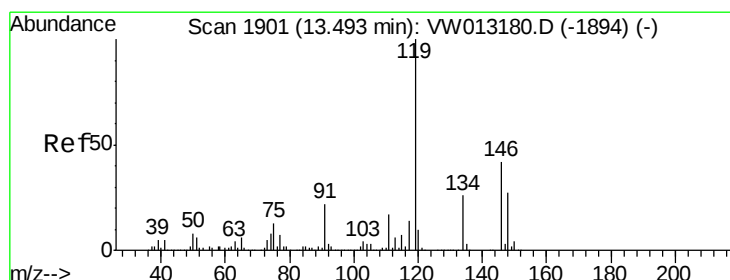
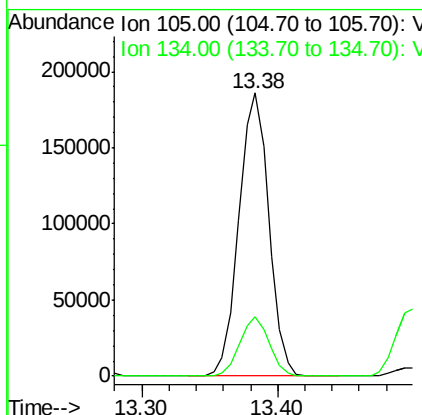
#85
 sec-Butylbenzene
 Concen: 20.769 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tot Ion	Ratio	Resp	Lower	Upper
105	100	285723		
134	20.6	10.3	30.8	

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

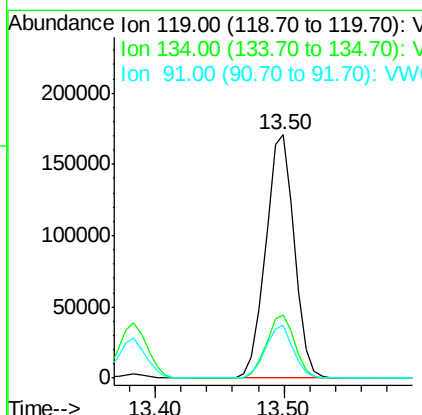
Manual Integrations
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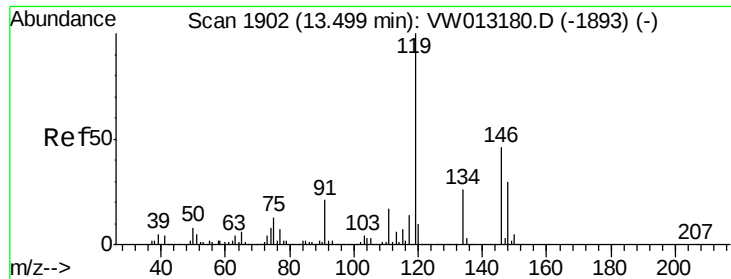
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 9/26/2019 3:33:17 PM



#86
 p-Isopropyltoluene
 Concen: 20.586 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	262678		
134	25.7	13.3	39.8	
91	21.3	10.8	32.4	





#87

1,3-Dichlorobenzene

Concen: 20.198 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

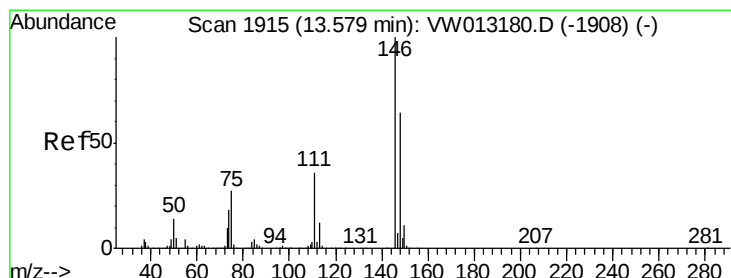
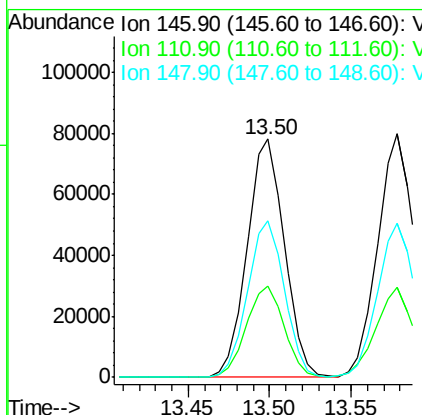
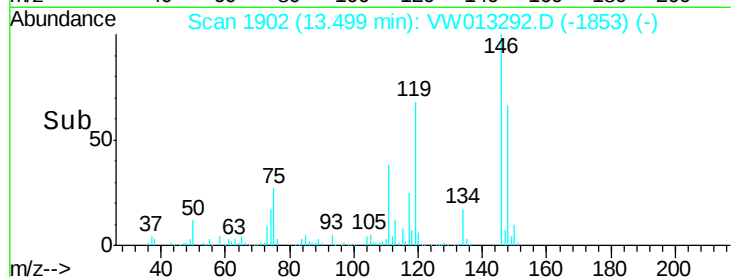
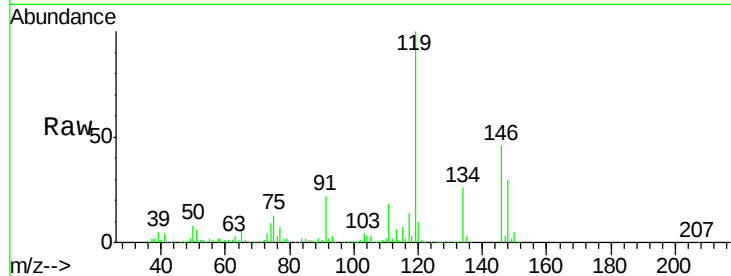
Instrument :
MSVOA_W

ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	65.1	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.782 ug/l

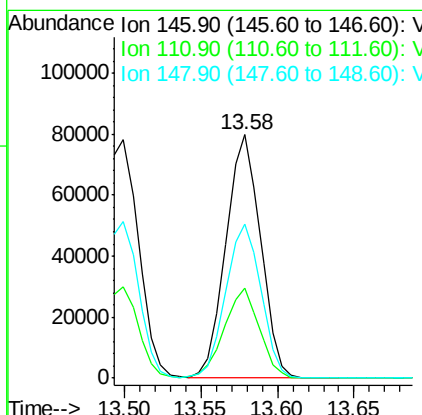
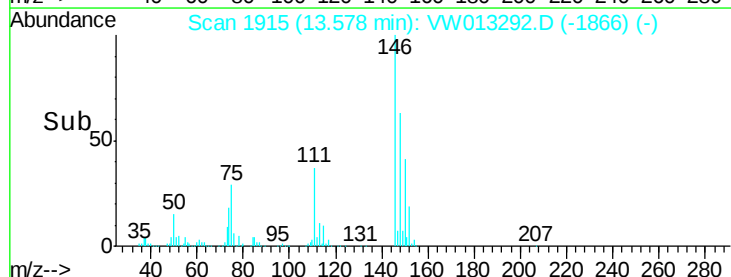
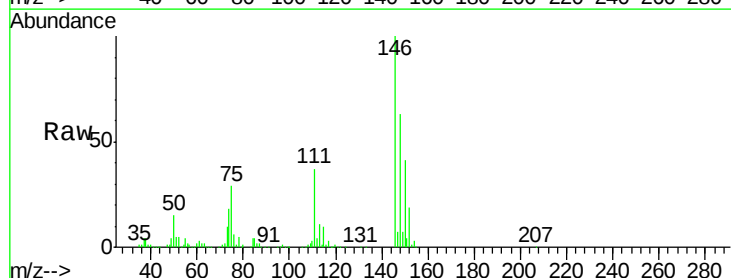
RT: 13.58 min Scan# 1915

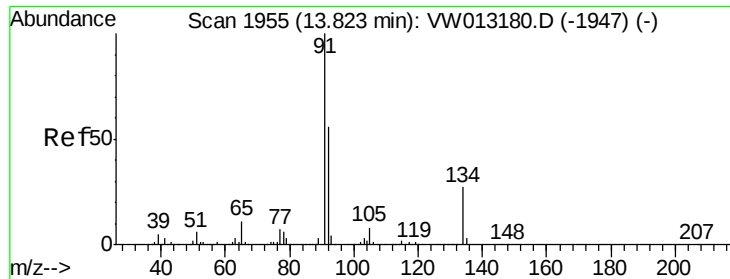
Delta R.T. -0.00 min

Lab File: VW013292.D

Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.0
148	64.2	32.1	96.3





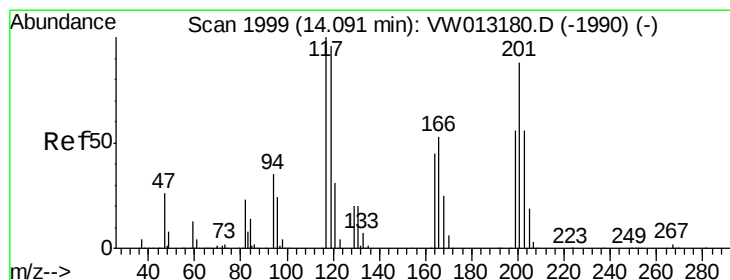
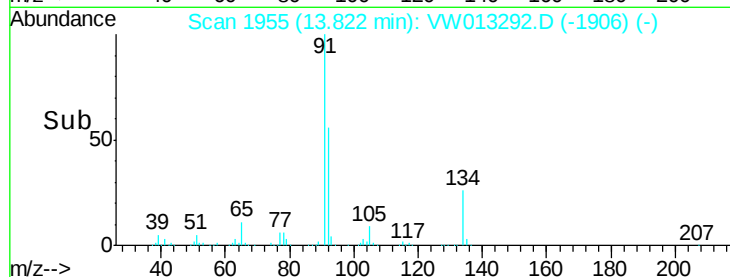
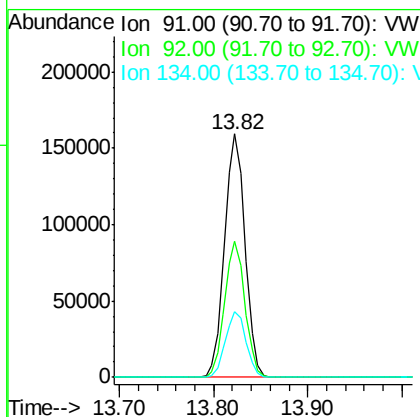
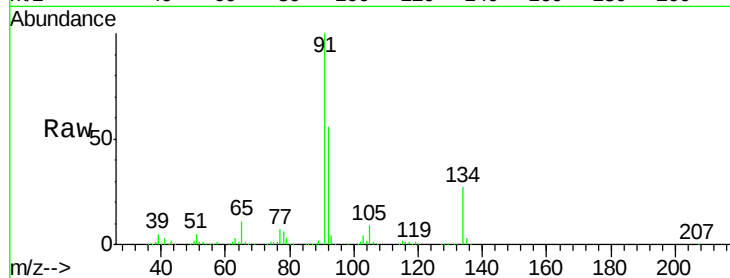
#89
n-Butylbenzene
Concen: 20.602 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.6	82.8
134	27.1	13.7	41.1

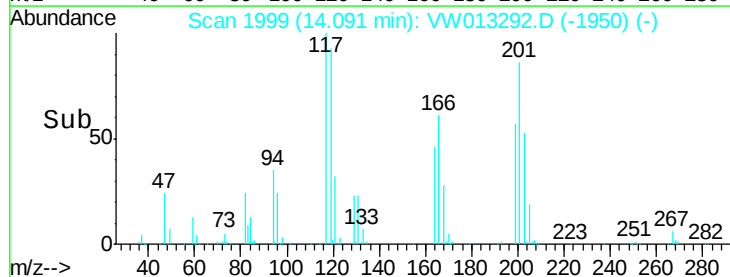
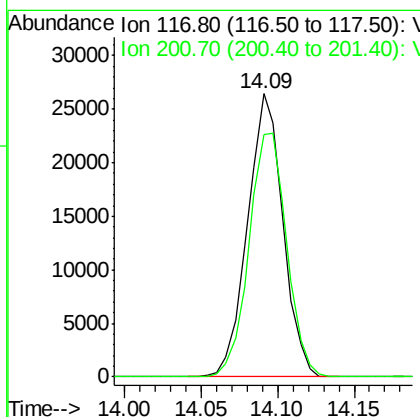
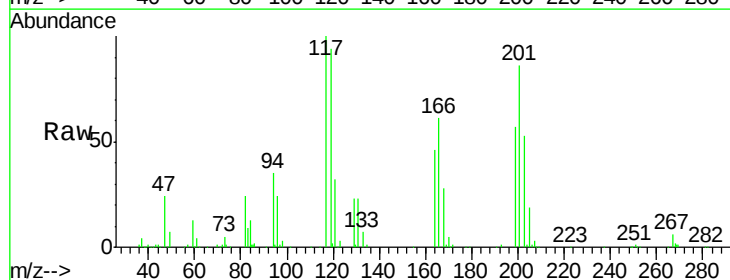
Manual Integrations
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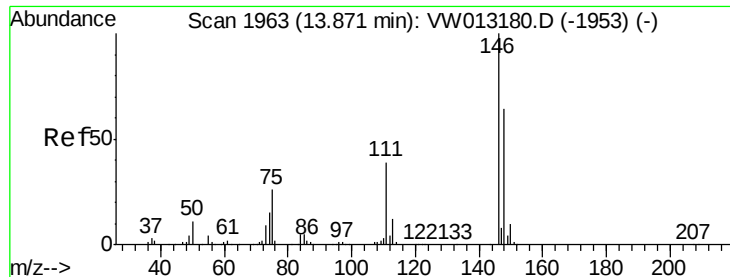
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#90
Hexachloroethane
Concen: 19.833 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.5	44.5	133.5





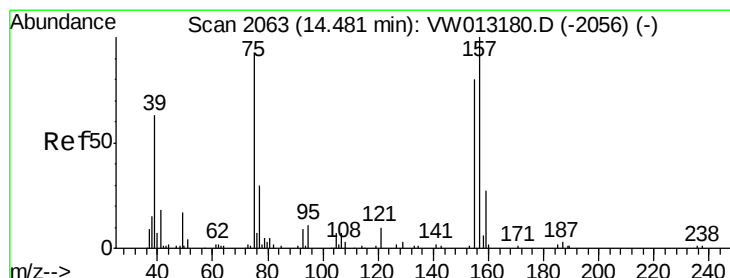
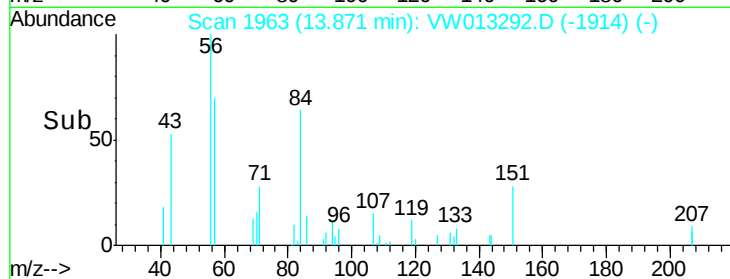
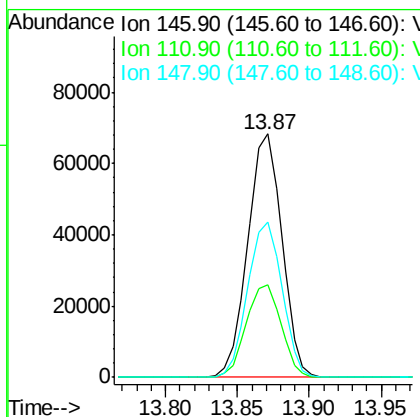
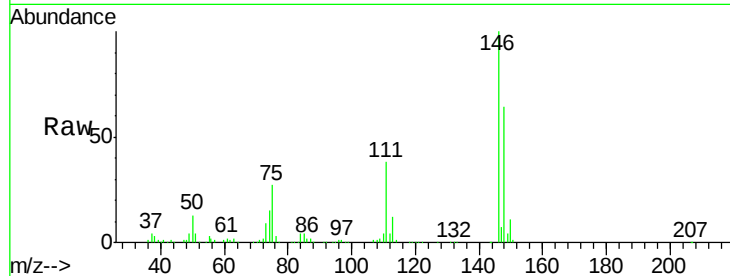
#91
 1,2-Dichlorobenzene
 Concen: 21.025 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	112193		
111	38.9	20.1	60.3	
148	64.4	32.0	96.0	

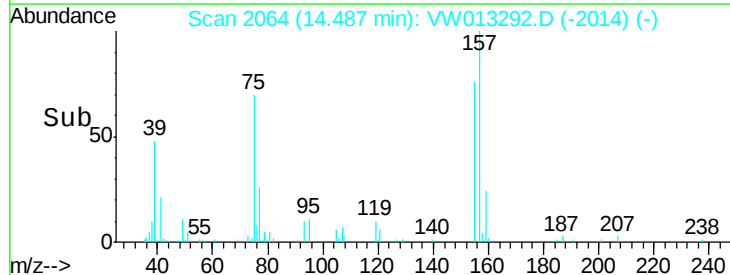
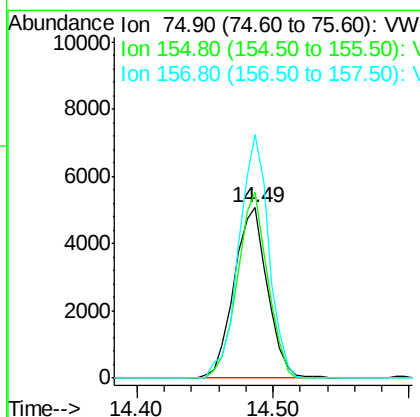
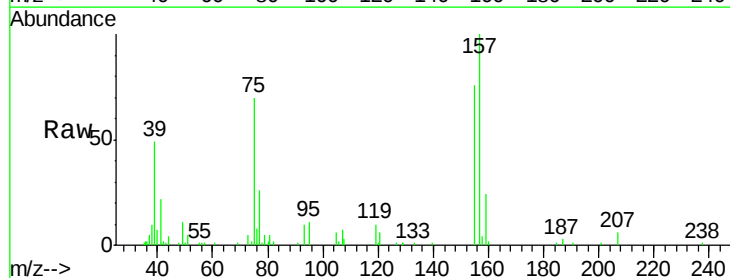
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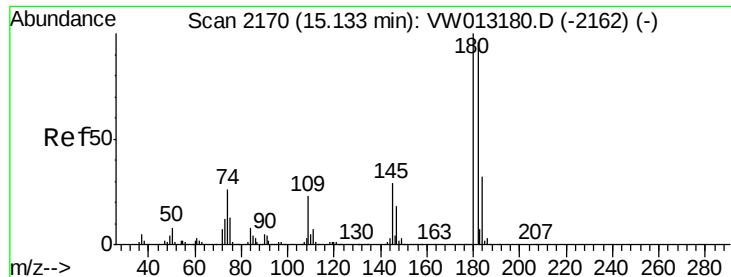
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.113 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8688		
155	98.6	46.1	138.3	
157	127.9	60.4	181.2	





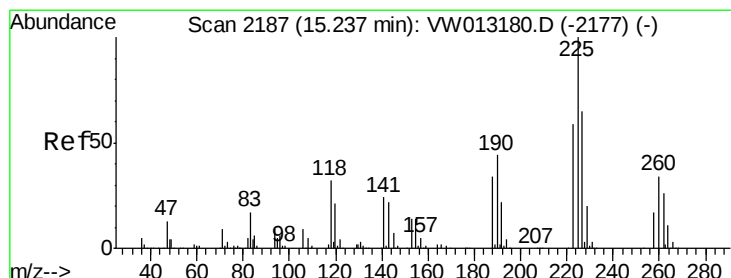
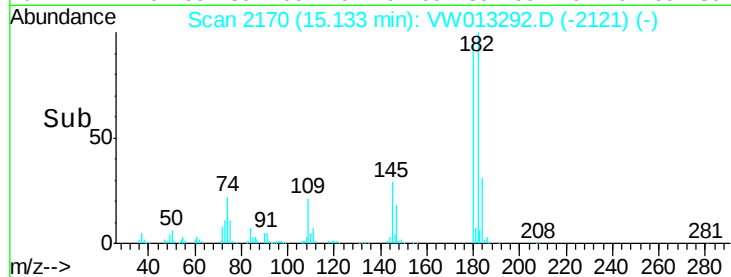
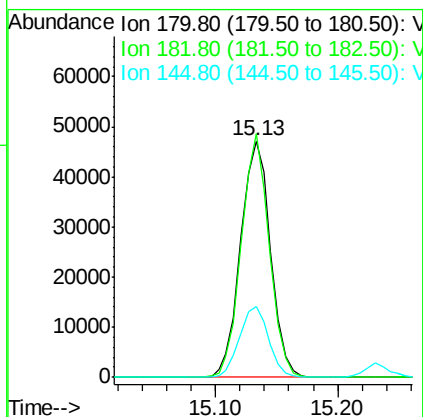
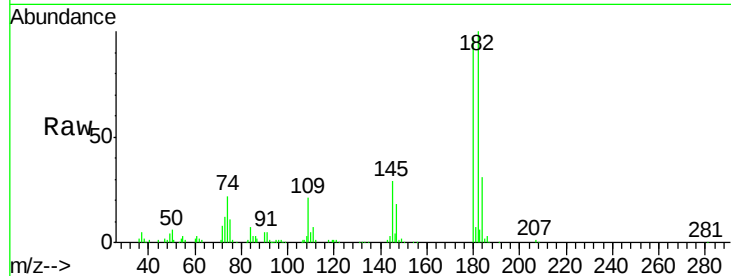
#93
 1,2,4-Trichlorobenzene
 Concen: 20.848 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.3	142.0	
145	29.1	14.2	42.8	

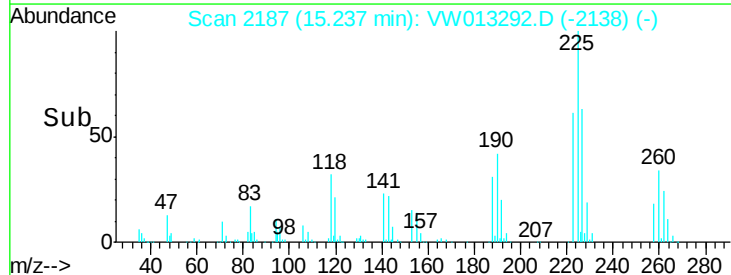
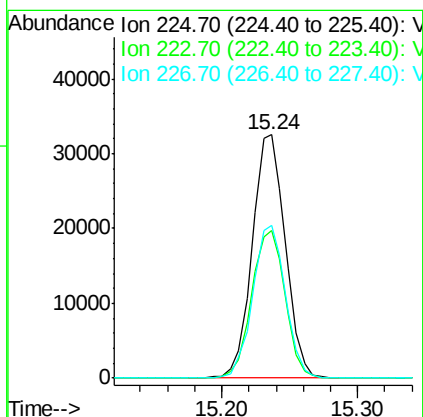
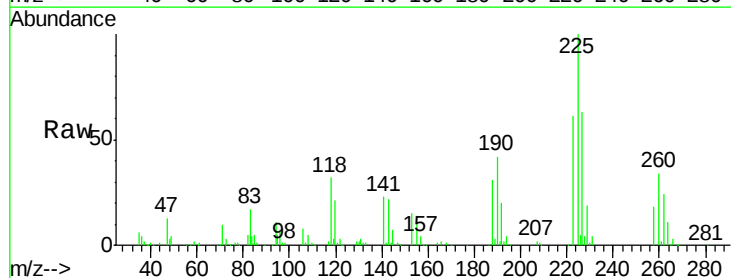
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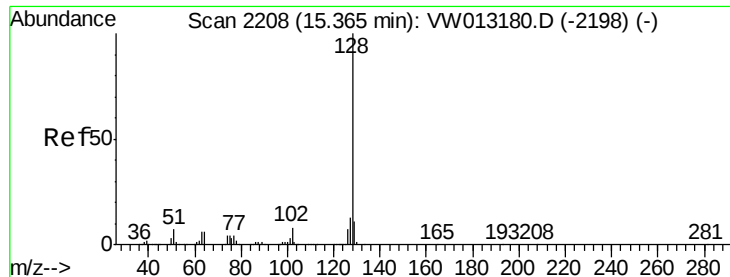
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#94
 Hexachlorobutadiene
 Concen: 21.207 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013292.D
 Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	30.6	91.8	
227	62.0	31.9	95.9	





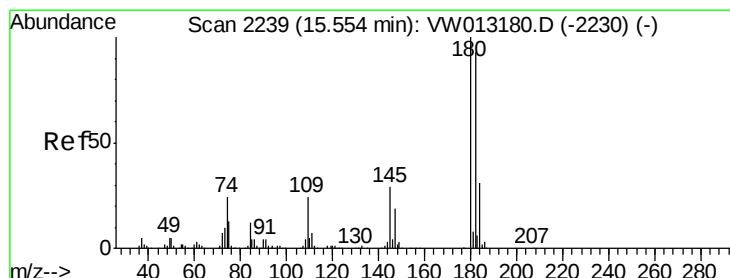
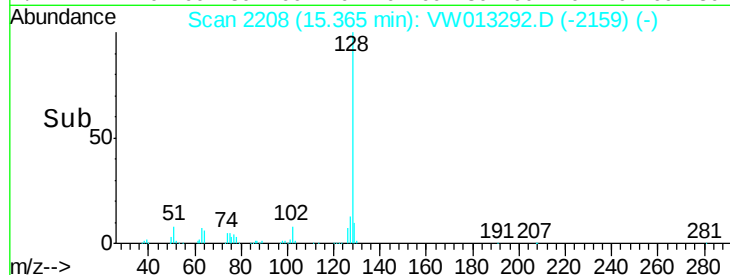
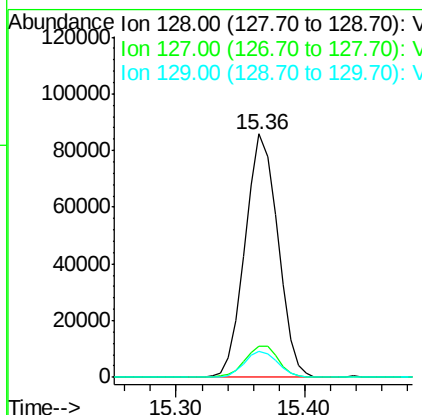
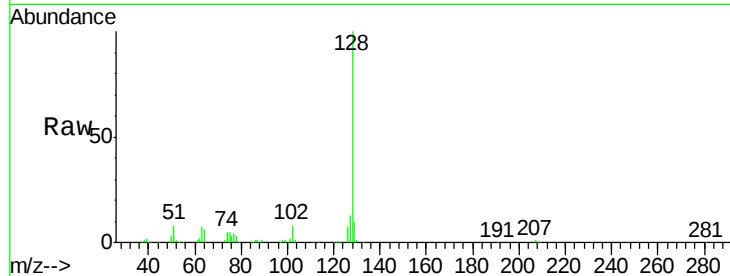
#95
Naphthalene
Concen: 24.154 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	151053		
127	13.2	10.6	15.8	
129	10.7	8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 21.450 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013292.D
Acq: 25 Sep 2019 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70871		
182	95.0	47.9	143.7	
145	30.3	15.0	45.0	

