

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092519\
 Data File : VW013291.D
 Acq On : 25 Sep 2019 11:15
 Operator : SY/VA
 Sample : VW0925SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 3:33:12 PM

Quant Time: Sep 25 17:33:01 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	326086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	471047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	209386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	136458	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.88	113	133580	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.32	98	555432	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.62	95	194633	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	36220	19.256	ug/l	90
3) Chloromethane	2.21	50	49728	20.566	ug/l	96
4) Vinyl Chloride	2.35	62	63587	20.399	ug/l	100
5) Bromomethane	2.77	94	39517	20.004	ug/l	100
6) Chloroethane	2.90	64	33586	18.279	ug/l	90
7) Trichlorofluoromethane	3.23	101	32583	18.127	ug/l	95
8) Diethyl Ether	3.67	74	32123	20.923	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	59483	20.326	ug/l	99
10) Methyl Iodide	4.26	142	88957	19.606	ug/l	100
11) Tert butyl alcohol	5.21	59	16278	78.013	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	60981	20.123	ug/l	96
13) Acrolein	3.89	56	15062	98.315	ug/l	96
14) Allyl chloride	4.66	41	98684	20.462	ug/l	98
15) Acrylonitrile	5.37	53	75699	114.232	ug/l	99
16) Acetone	4.13	43	63610	105.988	ug/l	97
17) Carbon Disulfide	4.37	76	166362	18.994	ug/l	99
18) Methyl Acetate	4.67	43	38634	22.900	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	98940	21.303	ug/l	98
20) Methylene Chloride	4.90	84	64588	19.256	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	65884	20.115	ug/l	98
22) Diisopropyl ether	6.30	45	188316	20.534	ug/l	93
23) Vinyl Acetate	6.25	43	578055	106.245	ug/l	99
24) 1,1-Dichloroethane	6.21	63	110187	19.911	ug/l	98
25) 2-Butanone	7.17	43	100111	111.118	ug/l	98
26) 2,2-Dichloropropane	7.16	77	70411	19.213	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	70752	20.469	ug/l	98
28) Bromochloromethane	7.51	49	37749	17.773	ug/l	97
29) Tetrahydrofuran	7.53	42	63892	115.638	ug/l	99
30) Chloroform	7.67	83	107958	19.925	ug/l	99
31) Cyclohexane	7.95	56	117444	20.359	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	89130	20.311	ug/l	99
36) 1,1-Dichloropropene	8.07	75	95108	20.846	ug/l	98
37) Ethyl Acetate	7.25	43	42778	22.061	ug/l	99
38) Carbon Tetrachloride	8.06	117	81207	19.855	ug/l	93

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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)
39) Methylcyclohexane	9.33	83	122081	20.822	ug/l	98
40) Benzene	8.32	78	263676	20.720	ug/l	100
41) Methacrylonitrile	7.48	41	25002	21.604	ug/l	96
42) 1,2-Dichloroethane	8.40	62	69568	20.336	ug/l	99
43) Isopropyl Acetate	8.42	43	79463	21.382	ug/l	100
44) Trichloroethene	9.09	130	73340	20.540	ug/l	99
45) 1,2-Dichloropropane	9.37	63	63168	20.331	ug/l	97
46) Dibromomethane	9.46	93	32099	21.280	ug/l	98
47) Bromodichloromethane	9.64	83	76320	19.884	ug/l	97
48) Methyl methacrylate	9.43	41	40072	22.931	ug/l	96
49) 1,4-Dioxane	9.48	88	11504	508.077	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	211653	113.604	ug/l	99
52) Toluene	10.38	92	168958	20.716	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	80726	20.471	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	97126	20.257	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	48045	21.310	ug/l	97
56) Ethyl methacrylate	10.65	69	63241	21.433	ug/l	99
57) 1,3-Dichloropropane	10.93	76	81487	20.712	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	146480	107.234	ug/l	100
59) 2-Hexanone	10.97	43	146790	114.519	ug/l	100
60) Dibromochloromethane	11.13	129	52431	20.480	ug/l	100
61) 1,2-Dibromoethane	11.23	107	45776	21.354	ug/l	99
64) Tetrachloroethene	10.86	164	63901	20.650	ug/l	96
65) Chlorobenzene	11.65	112	175090	20.559	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.72	131	58628	20.150	ug/l	98
67) Ethyl Benzene	11.73	91	321487	20.834	ug/l	100
68) m/p-Xylenes	11.83	106	243890	41.476	ug/l	99
69) o-Xylene	12.16	106	111699	20.432	ug/l	99
70) Styrene	12.18	104	195398	20.819	ug/l	99
71) Bromoform	12.35	173	32767	21.317	ug/l #	98
73) Isopropylbenzene	12.46	105	315129	20.374	ug/l	99
74) N-amyl acetate	12.27	43	71784	20.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	56340	21.780	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44204m	23.905	ug/l	
77) Bromobenzene	12.74	156	74026	20.196	ug/l	97
78) n-propylbenzene	12.80	91	373904	20.652	ug/l	100
79) 2-Chlorotoluene	12.89	91	206367	20.345	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	266023	20.460	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17863	21.676	ug/l	96
82) 4-Chlorotoluene	12.99	91	219064	20.480	ug/l	100
83) tert-Butylbenzene	13.21	119	231854	20.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	263857	20.394	ug/l	98
85) sec-Butylbenzene	13.38	105	323955	20.590	ug/l	100
86) p-Isopropyltoluene	13.50	119	303354	20.788	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	144656	20.506	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	143634	20.761	ug/l	99
89) n-Butylbenzene	13.82	91	276088	20.720	ug/l	100
90) Hexachloroethane	14.09	117	48472	19.772	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	129875	21.281	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8803	22.248	ug/l	95

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ClientSampleId :
VW0925SBS01

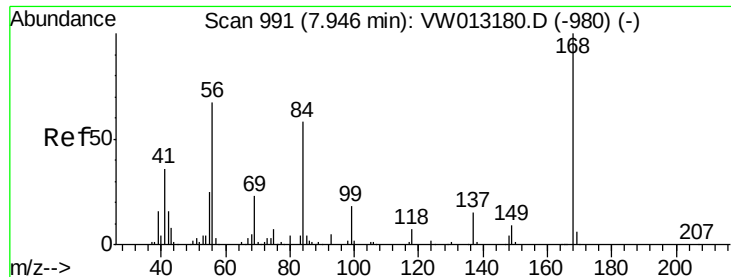
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	90072	20.597	ug/l	98
94) Hexachlorobutadiene	15.24	225	62848	21.006	ug/l	98
95) Naphthalene	15.36	128	161086	22.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	79657	21.080	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: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion:168 Resp: 326086

Ion Ratio Lower Upper

168 100

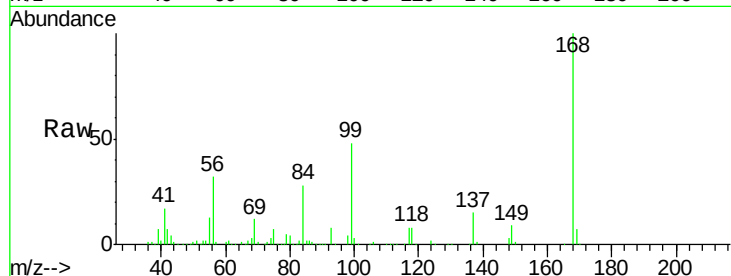
99 48.0 40.2 60.4

Manual Integrations

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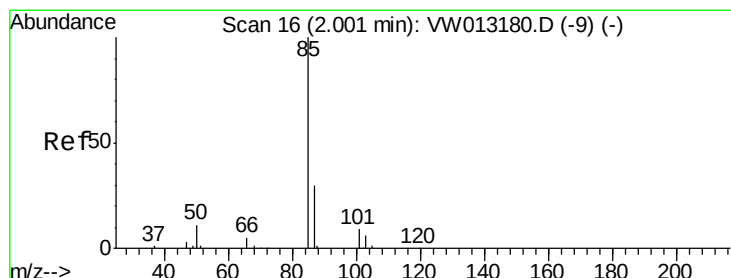
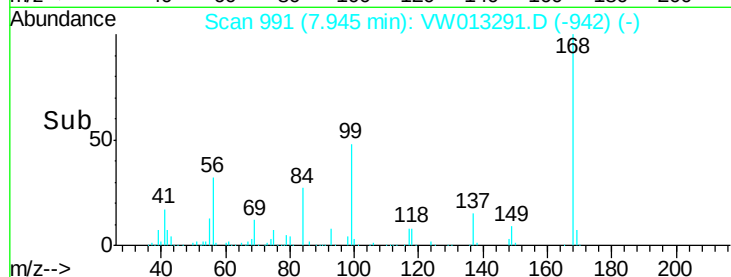
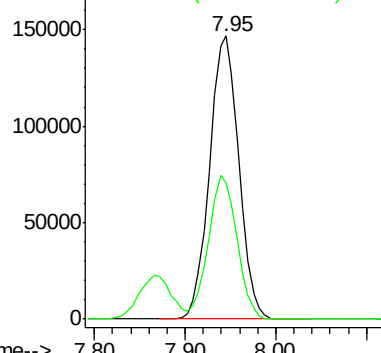
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.256 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW013291.D

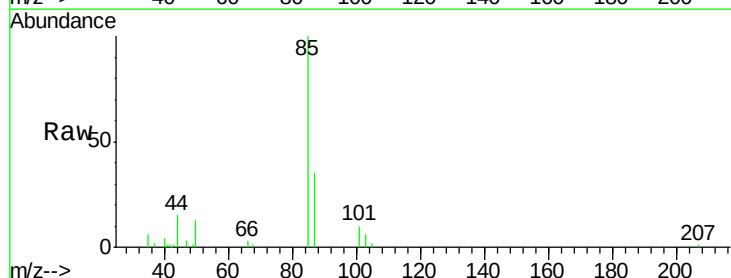
Acq: 25 Sep 2019 11:15

Tgt Ion: 85 Resp: 36220

Ion Ratio Lower Upper

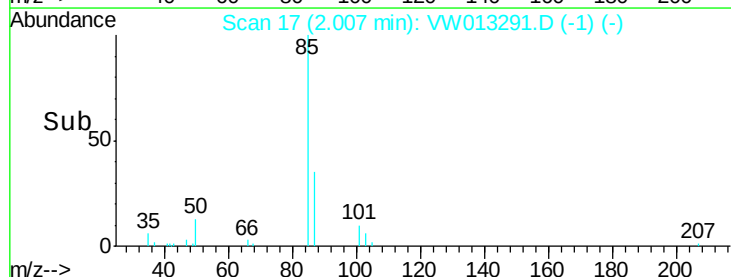
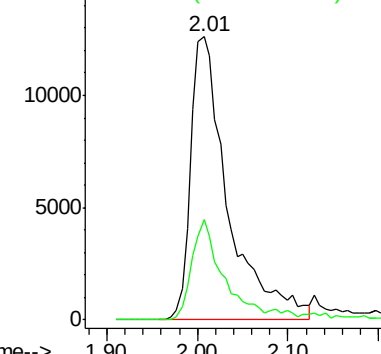
85 100

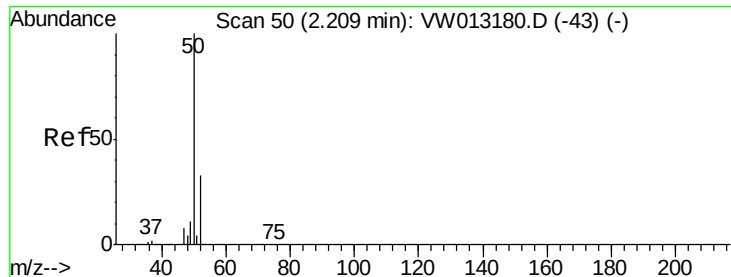
87 35.5 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.566 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 50 Resp: 49728

Ion Ratio Lower Upper

50 100

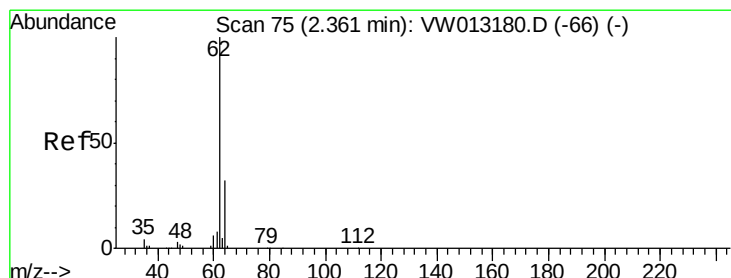
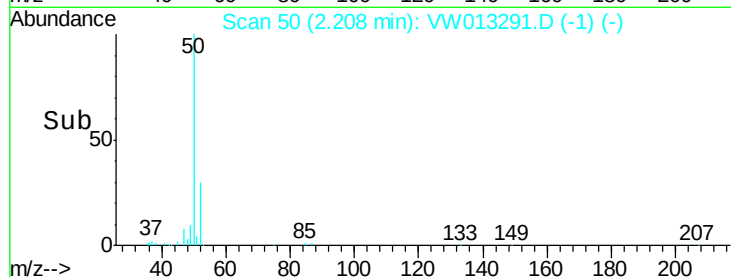
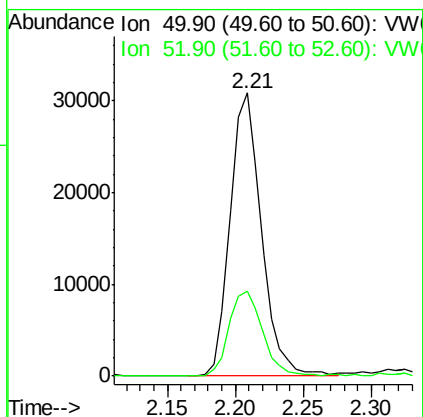
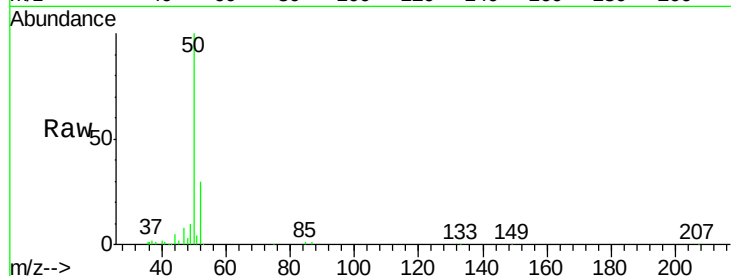
52 30.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.399 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013291.D

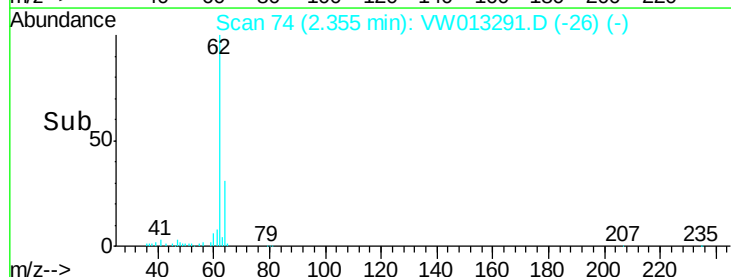
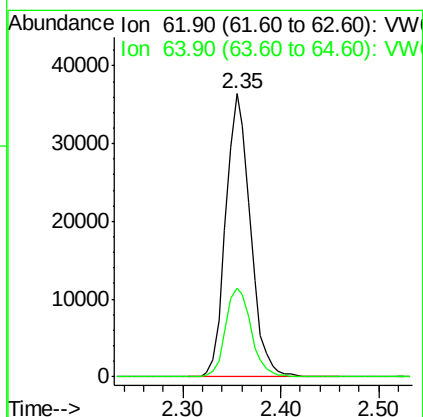
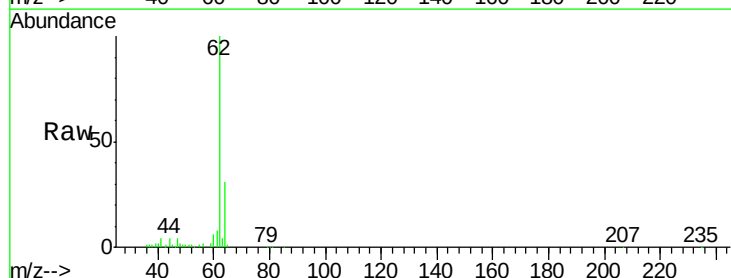
Acq: 25 Sep 2019 11:15

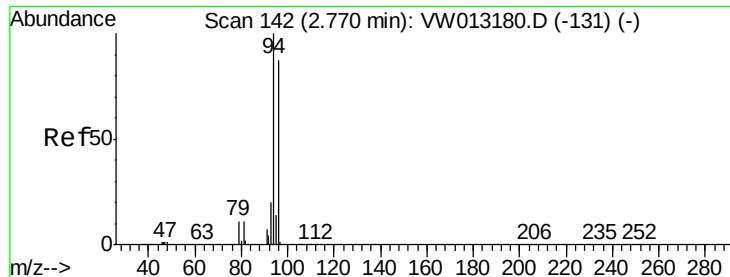
Tgt Ion: 62 Resp: 63587

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 20.004 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 94 Resp: 39517

Ion Ratio Lower Upper

94 100

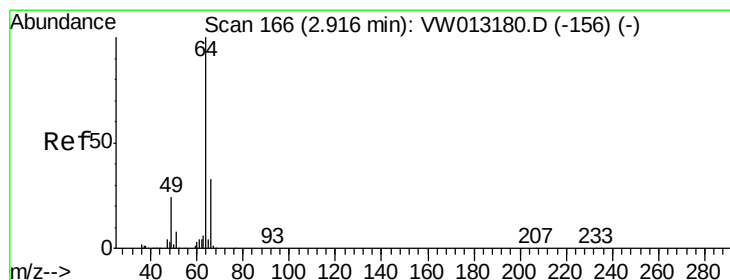
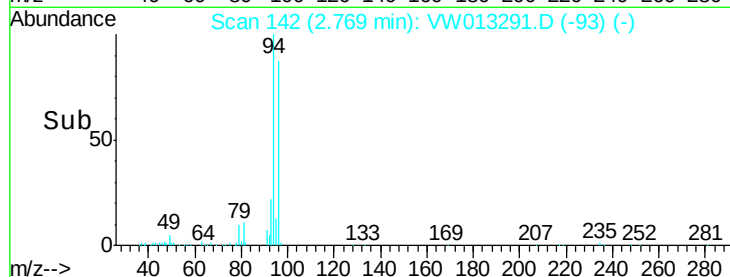
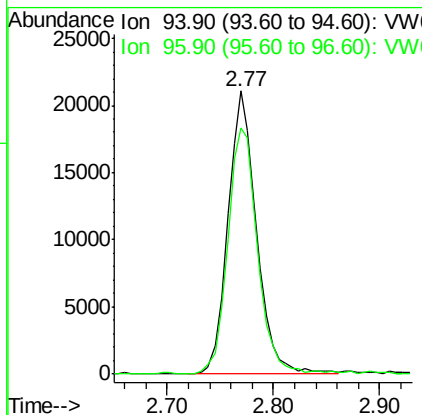
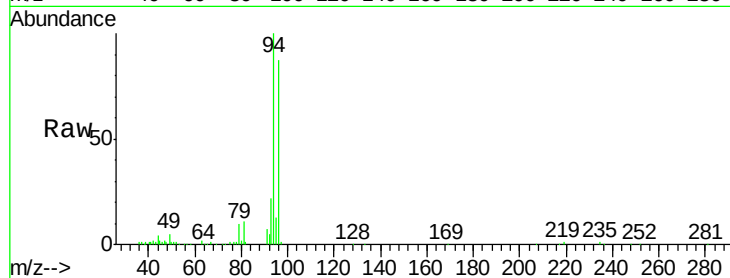
96 86.9 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 18.279 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW013291.D

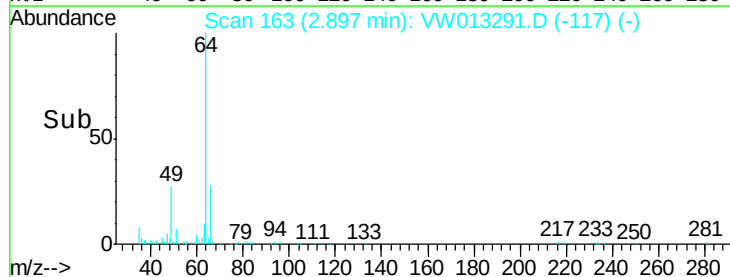
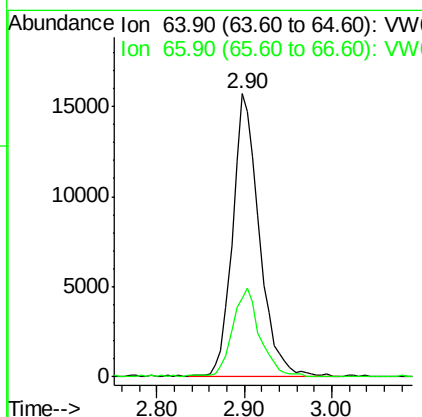
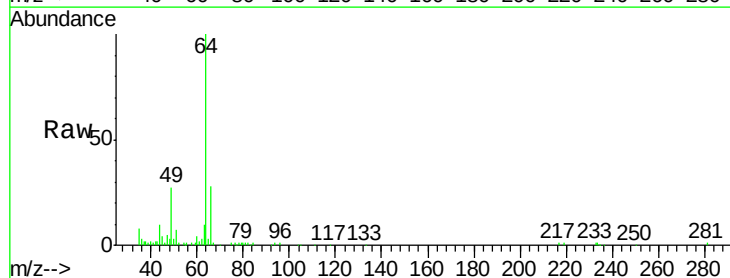
Acq: 25 Sep 2019 11:15

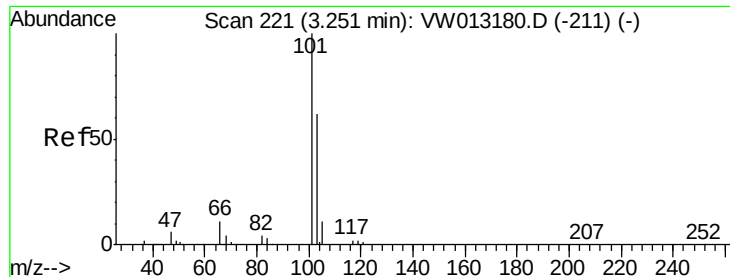
Tgt Ion: 64 Resp: 33586

Ion Ratio Lower Upper

64 100

66 27.6 26.6 39.8





#7

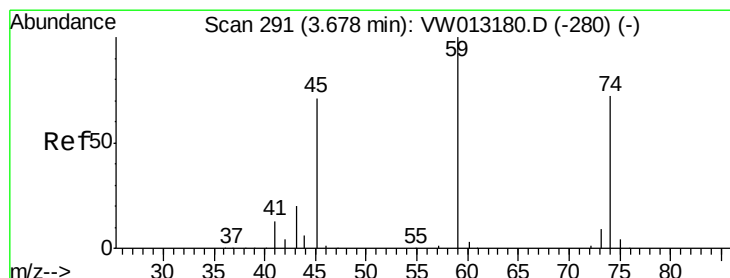
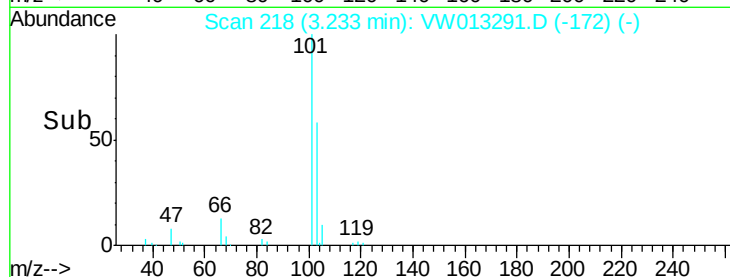
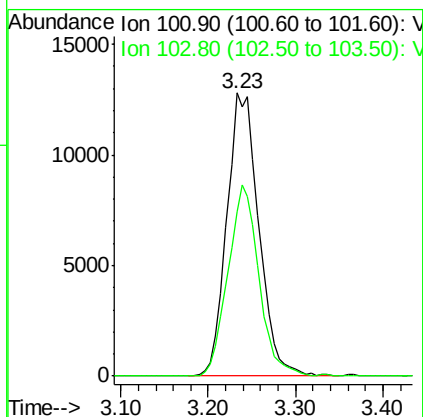
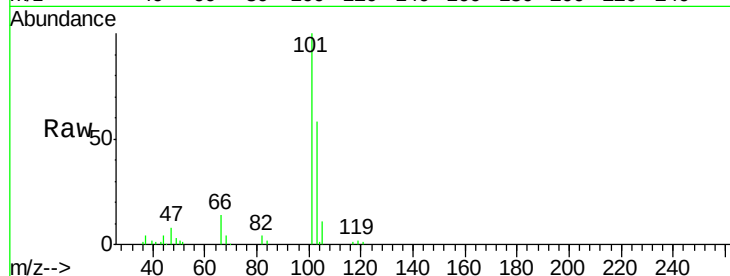
Trichlorofluoromethane
Concen: 18.127 ug/l
RT: 3.23 min Scan# 218
Delta R.T. -0.02 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.0	49.7	74.5

Manual Integrations
APPROVED

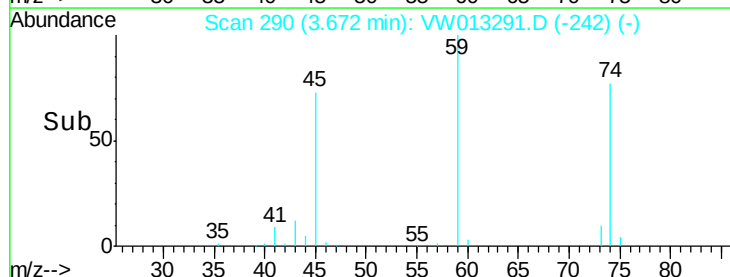
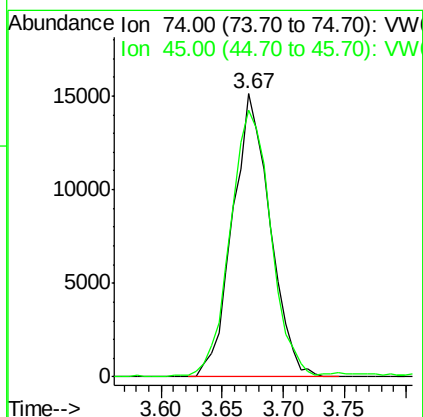
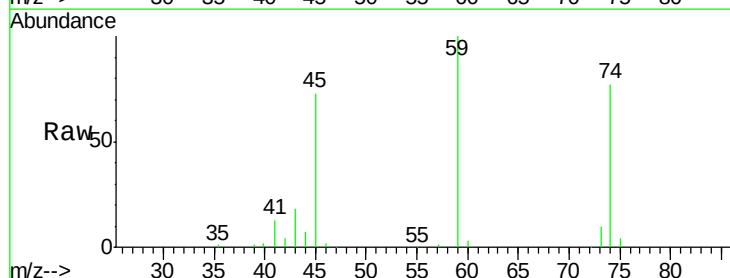
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9/26/2019 3:33:12 PM

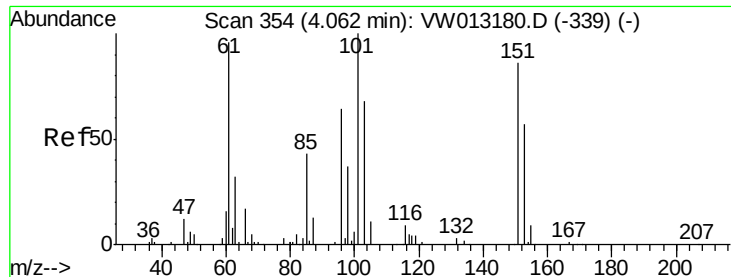


#8

Diethyl Ether
Concen: 20.923 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.326 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

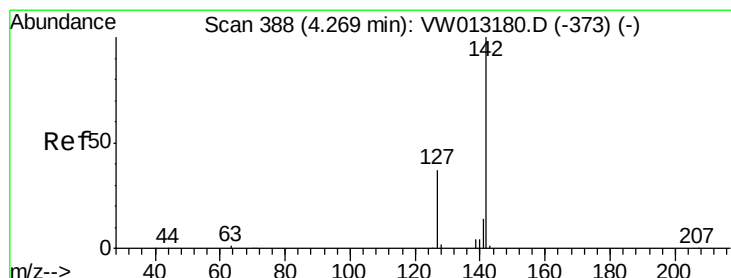
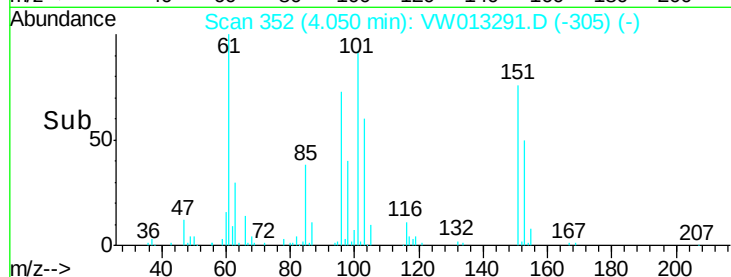
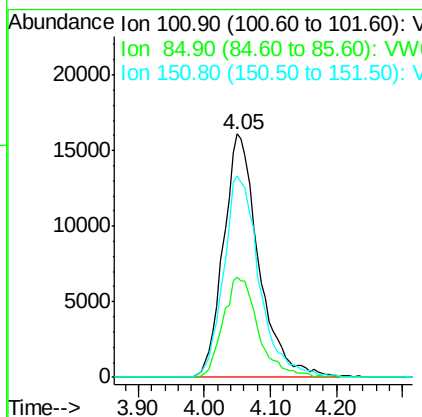
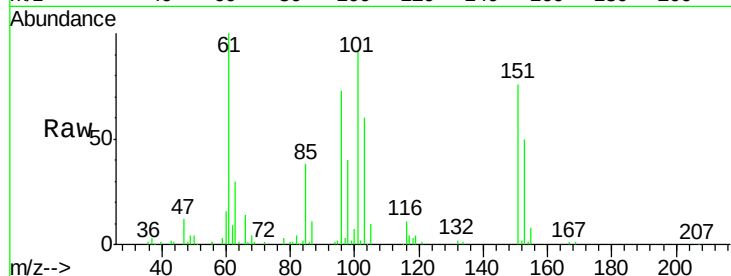
ClientSampleId :

VW0925SBS01

Tot Ion:	101	Resp:	59483
Ion Ratio	Lower	Upper	
101	100		
85	40.8	33.4	50.0
151	83.8	66.9	100.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.606 ug/l

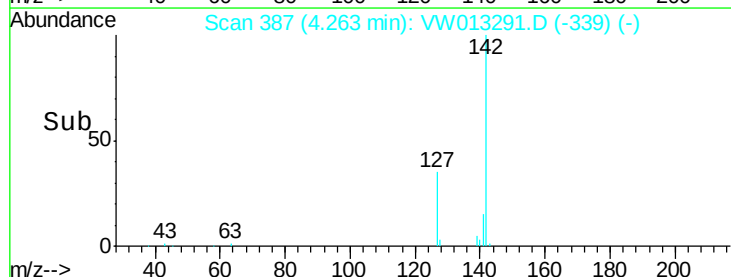
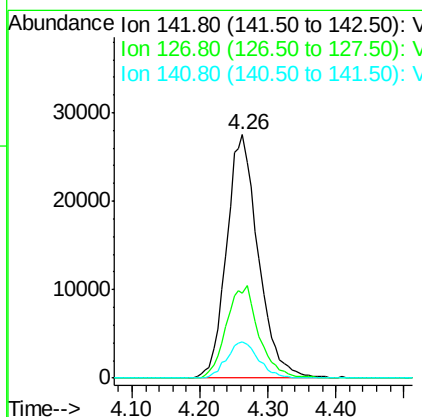
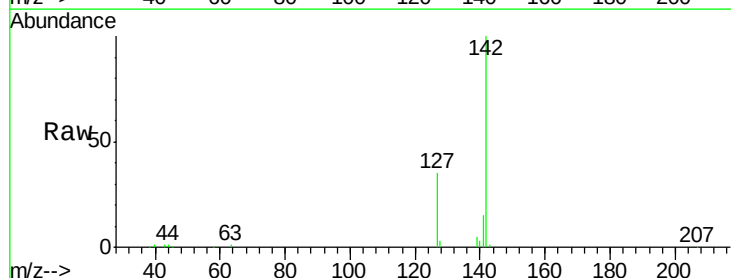
RT: 4.26 min Scan# 387

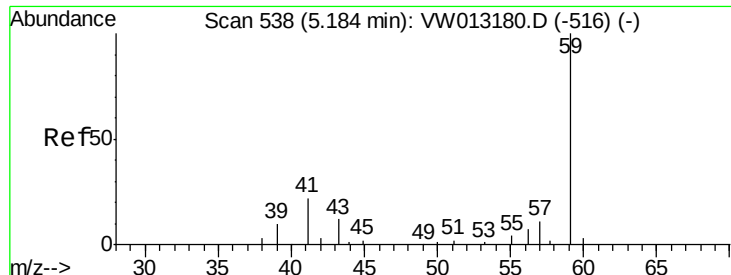
Delta R.T. -0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion:	142	Resp:	88957
Ion Ratio	Lower	Upper	
142	100		
127	38.7	30.9	46.3
141	14.9	11.7	17.5





#11

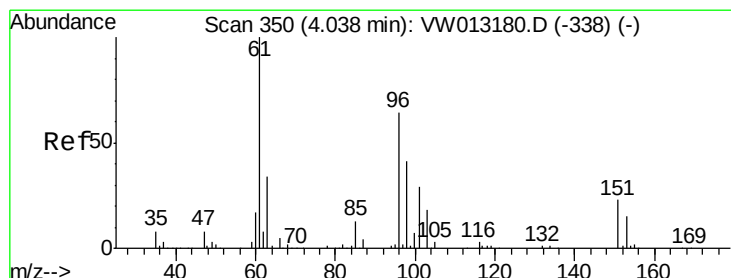
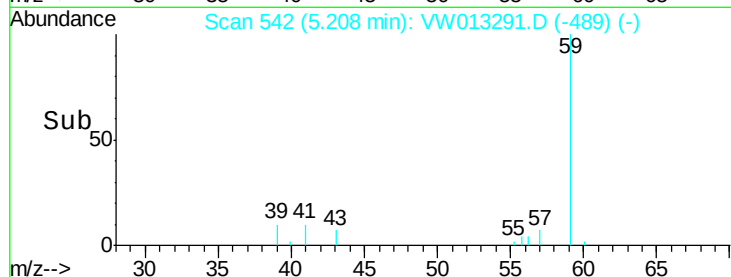
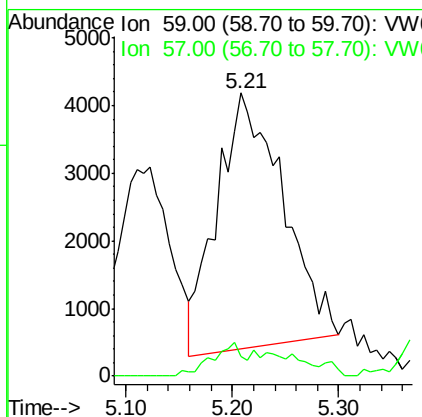
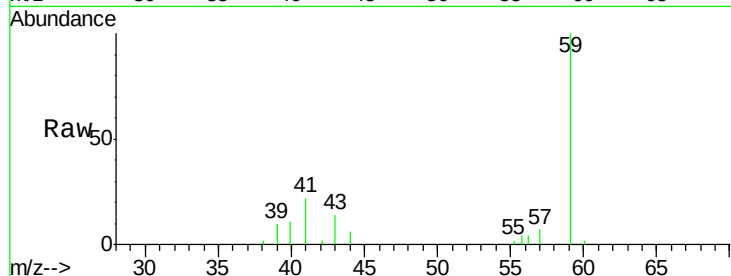
Tert butyl alcohol
 Concen: 78.013 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. 0.02 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	16278		
57	6.1	8.2	12.2#	

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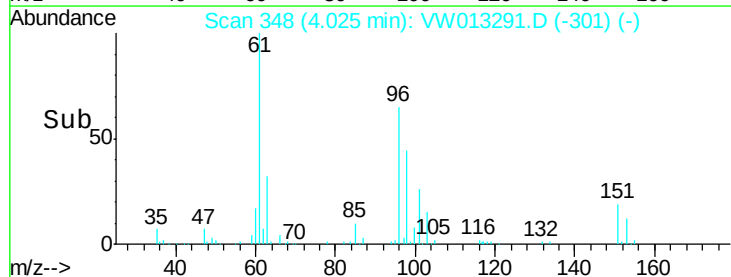
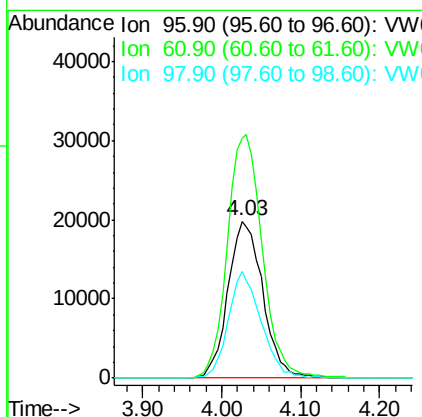
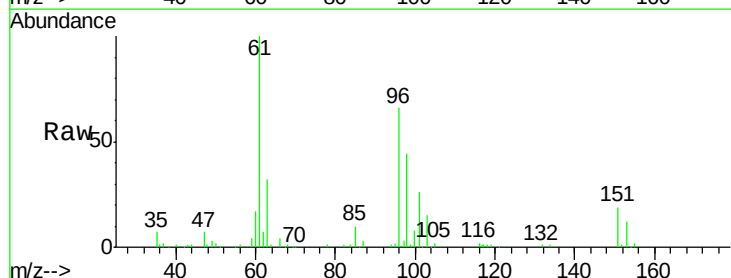
MMDadoda
 9/26/2019 3:33:12 PM

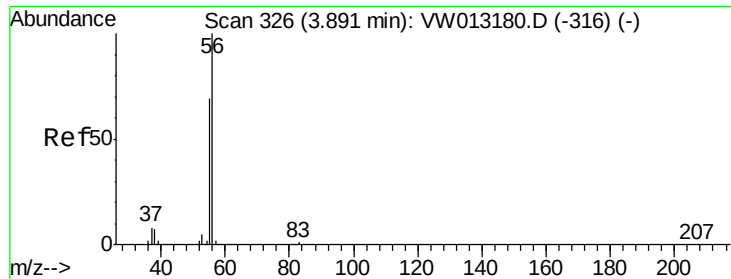


#12

1,1-Dichloroethene
 Concen: 20.123 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	60981		
61	152.0	125.1	187.7	
98	67.5	50.8	76.2	





#13

Acrolein

Concen: 98.315 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 56 Resp: 15062

Ion Ratio Lower Upper

56 100

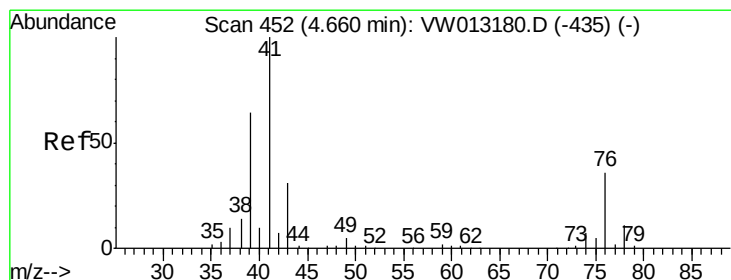
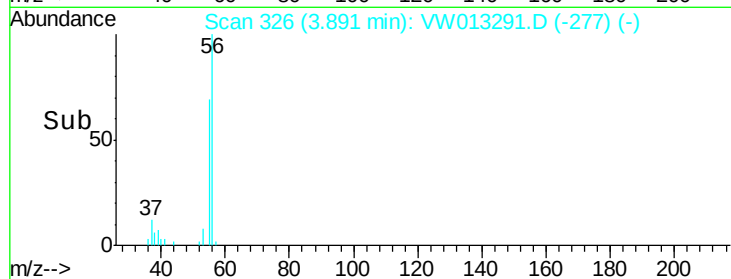
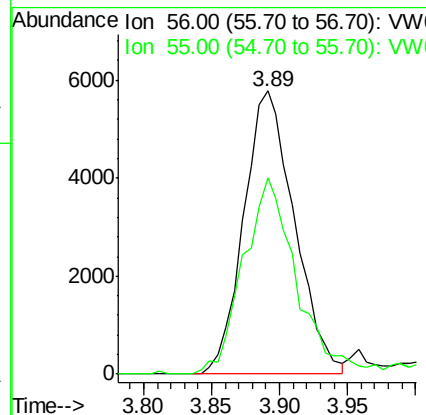
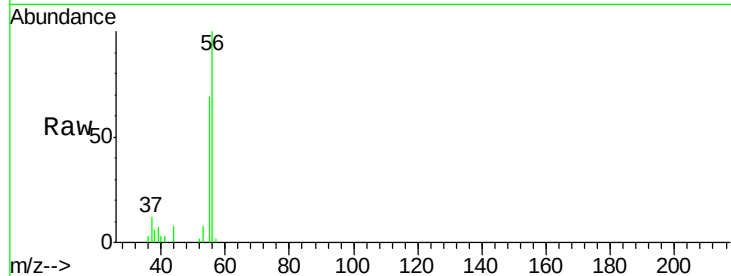
55 72.1 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.462 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

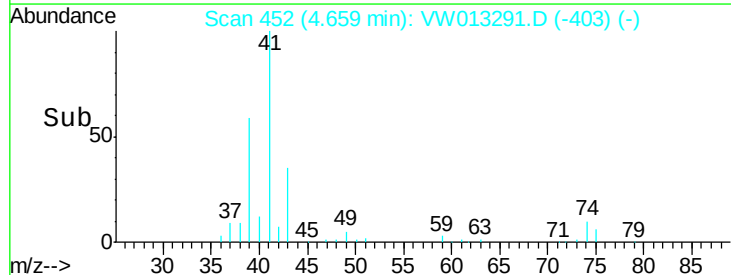
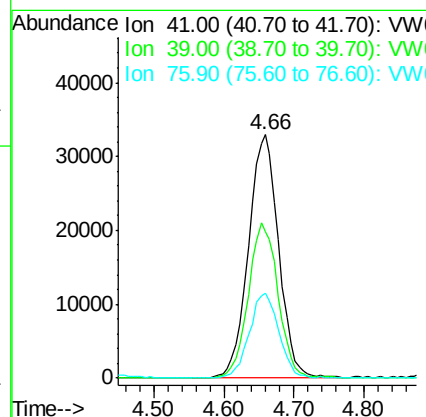
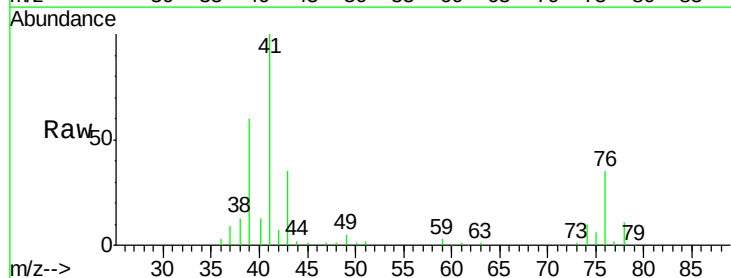
Tgt Ion: 41 Resp: 98684

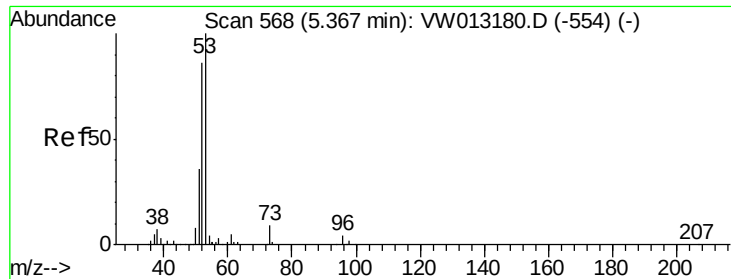
Ion Ratio Lower Upper

41 100

39 62.7 51.0 76.4

76 34.2 28.4 42.6





#15

Acrylonitrile

Concen: 114.232 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

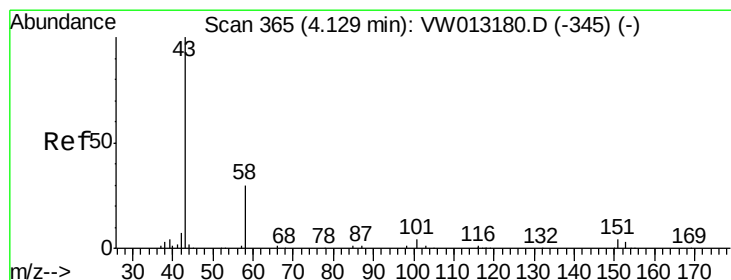
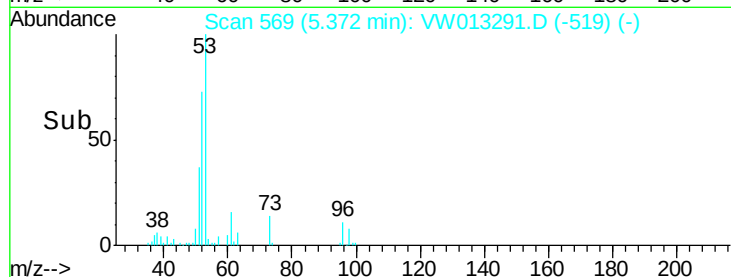
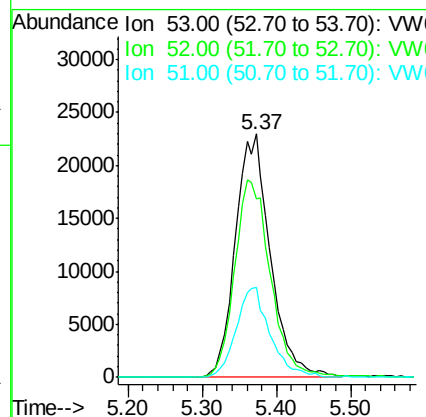
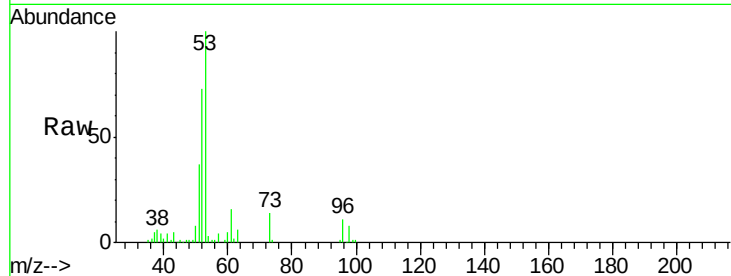
ClientSampleId :

VW0925SBS01

Tot Ion:	53	Resp:	75699
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.3	97.9
51	35.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 105.988 ug/l

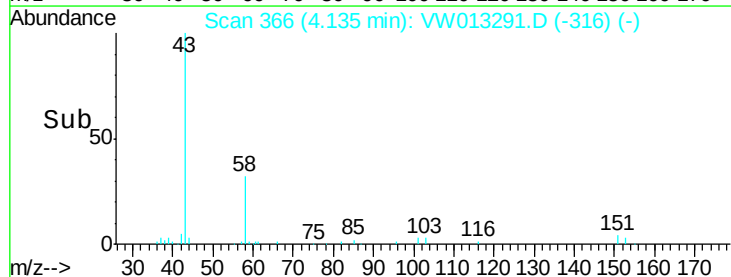
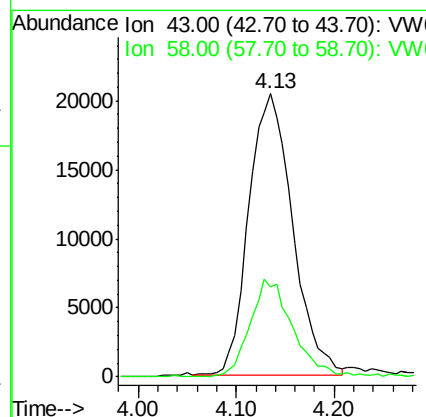
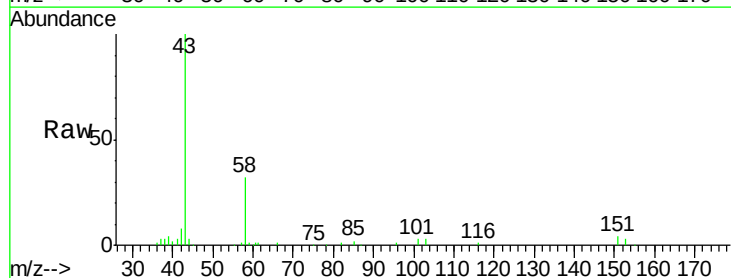
RT: 4.13 min Scan# 366

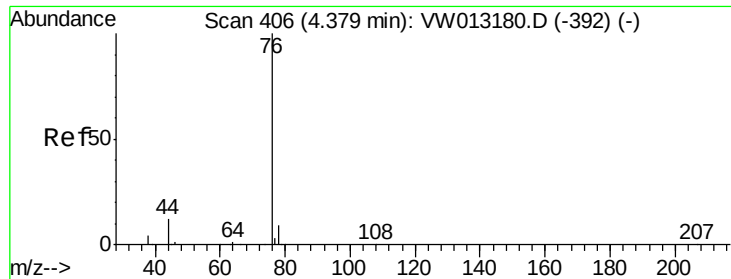
Delta R.T. 0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion:	43	Resp:	63610
Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.1	36.1





#17

Carbon Disulfide

Concen: 18.994 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 76 Resp: 166362

Ion Ratio Lower Upper

76 100

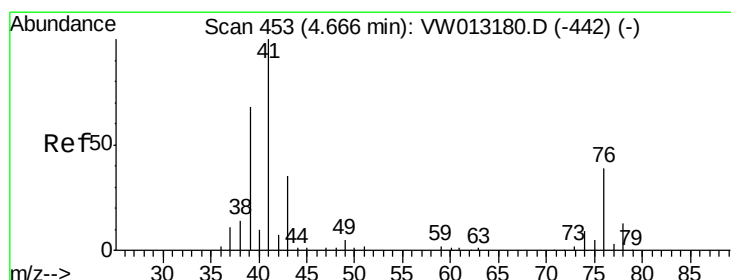
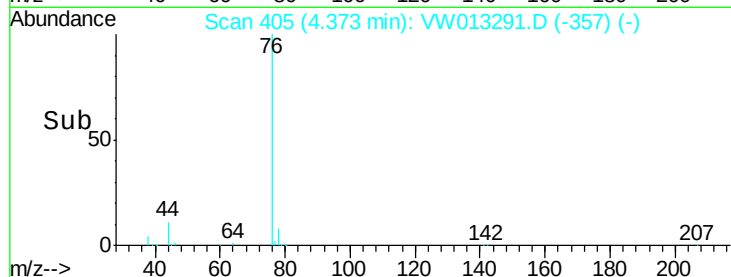
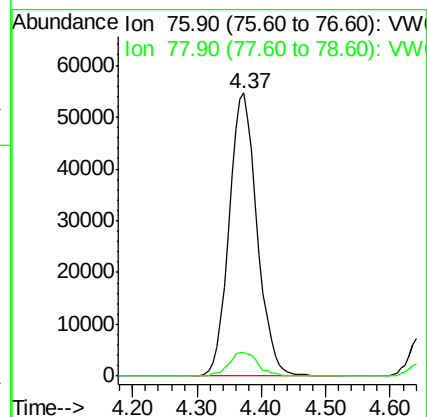
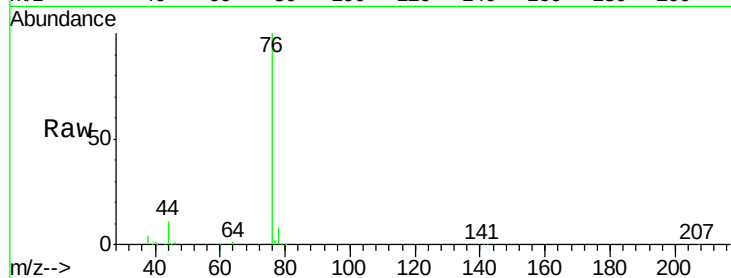
78 8.2 7.0 10.4

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#18

Methyl Acetate

Concen: 22.900 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013291.D

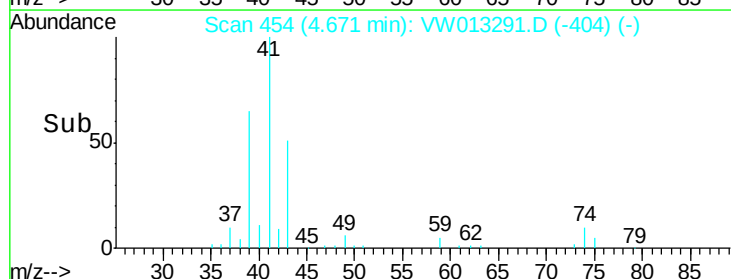
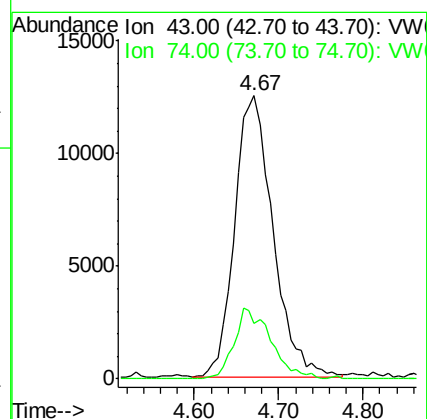
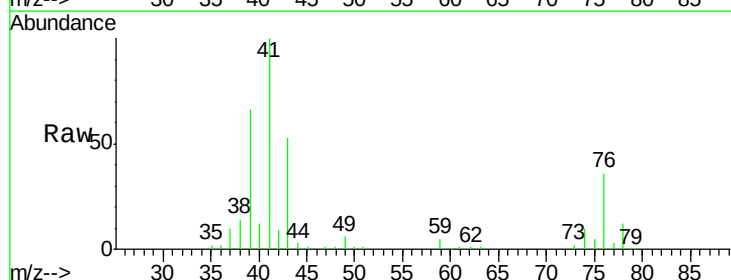
Acq: 25 Sep 2019 11:15

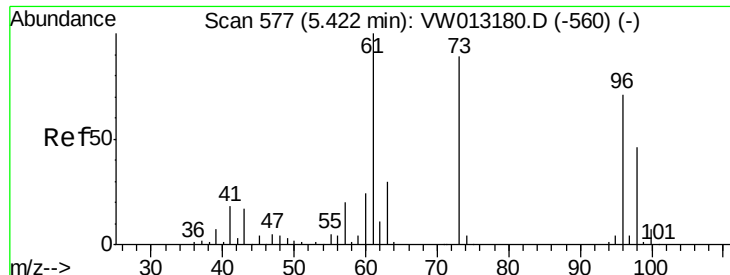
Tgt Ion: 43 Resp: 38634

Ion Ratio Lower Upper

43 100

74 23.9 19.3 28.9





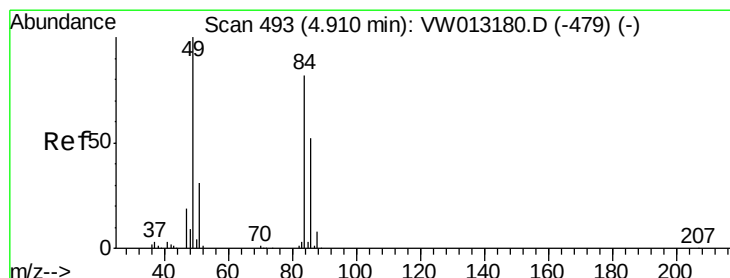
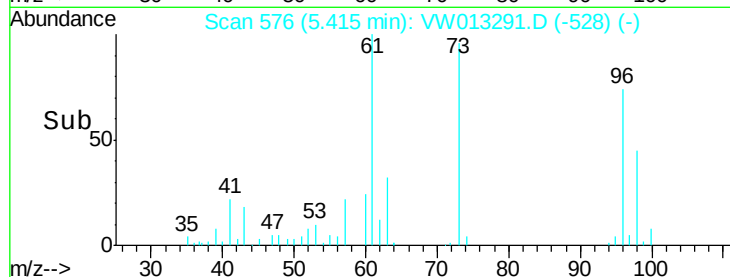
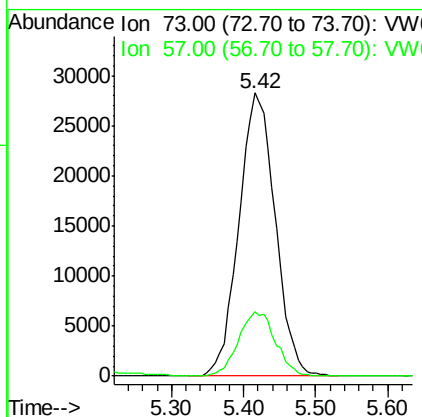
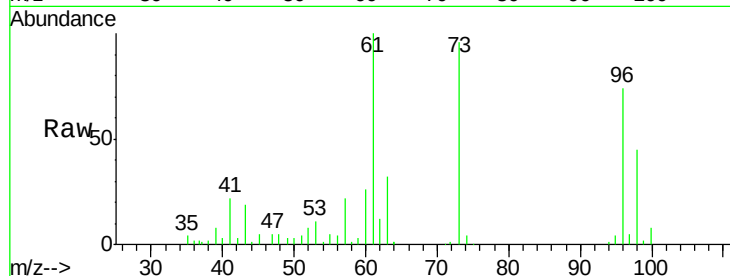
#19
Methyl tert-butyl Ether
Concen: 21.303 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion: 73 Resp: 98940
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

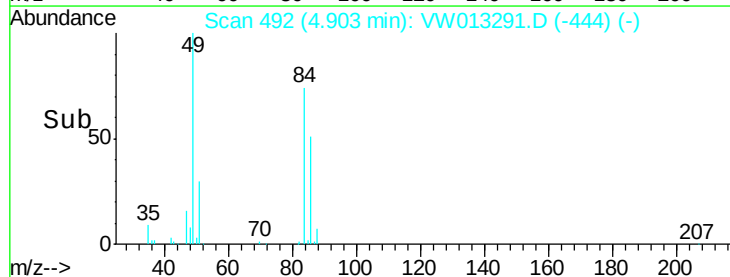
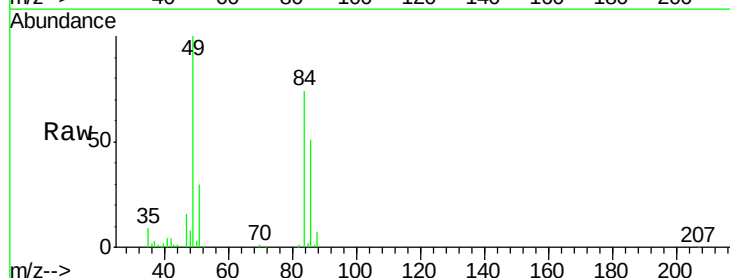
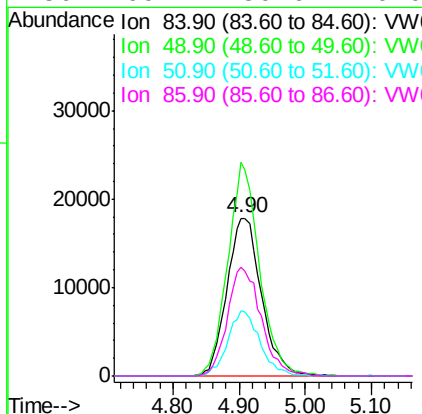
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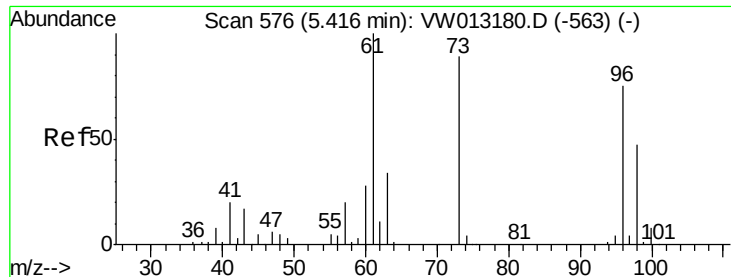
MMDadoda
9/26/2019 3:33:12 PM



#20
Methylene Chloride
Concen: 19.256 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion: 84 Resp: 64588
Ion Ratio Lower Upper
84 100
49 135.3 97.6 146.4
51 41.2 30.2 45.2
86 69.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 20.115 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

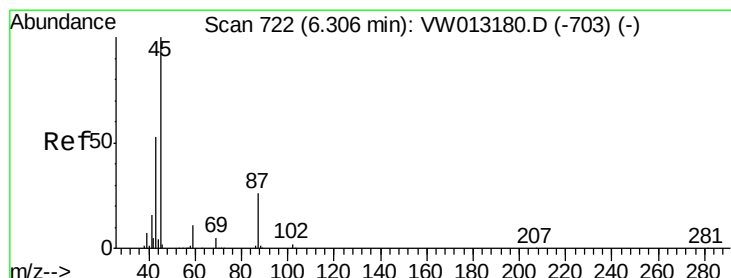
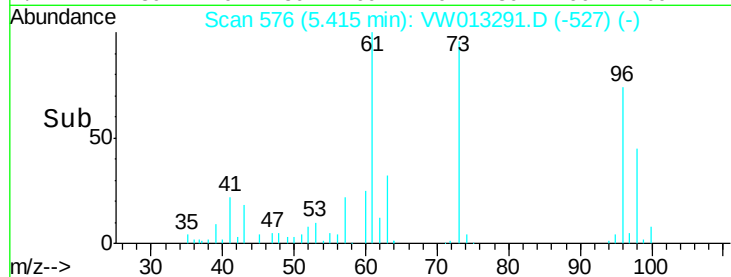
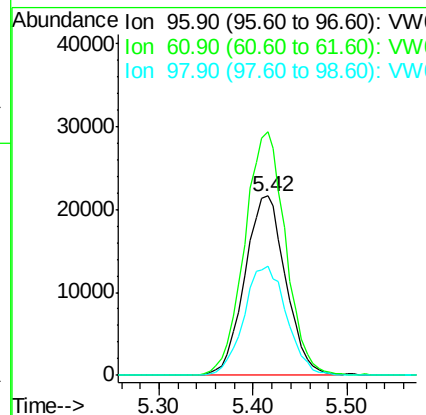
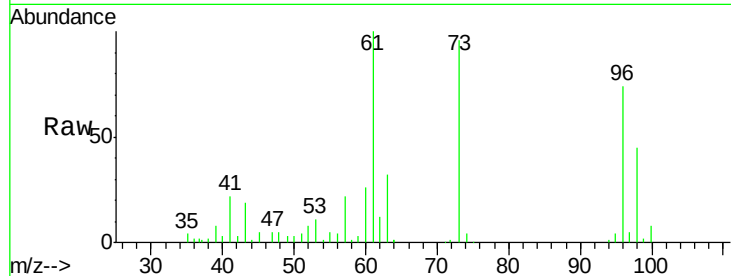
ClientSampleId :

VW0925SBS01

Tot Ion:	96	Resp:	65884
Ion	Ratio	Lower	Upper
96	100		
61	135.7	106.6	159.8
98	61.1	49.8	74.8

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#22

Diisopropyl ether

Concen: 20.534 ug/l

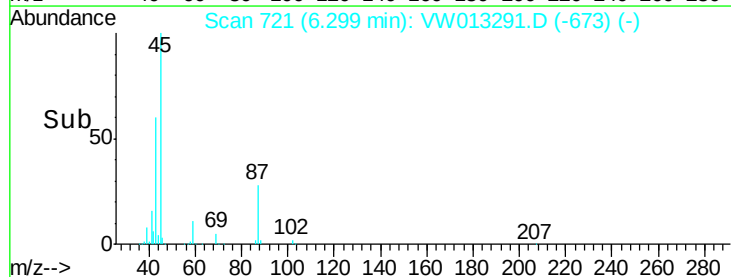
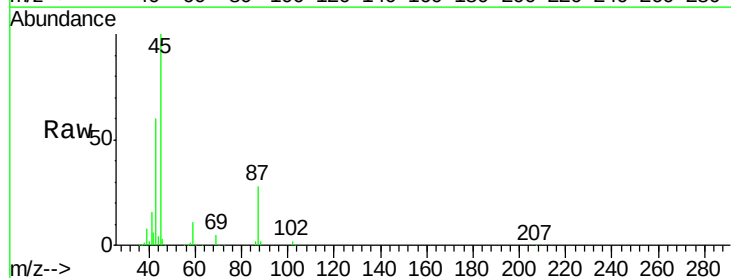
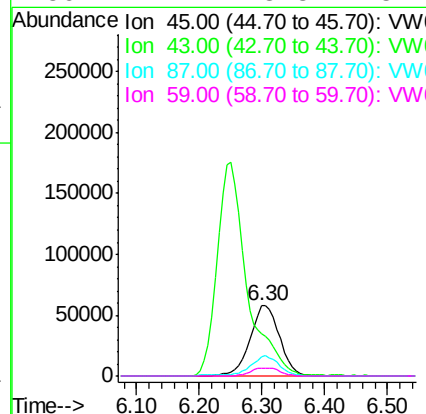
RT: 6.30 min Scan# 721

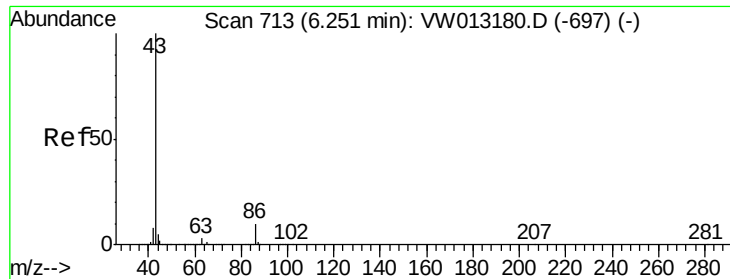
Delta R.T. -0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion:	45	Resp:	188316
Ion	Ratio	Lower	Upper
45	100		
43	59.3	42.4	63.6
87	28.1	20.4	30.6
59	11.4	8.8	13.2





#23

Vinyl Acetate

Concen: 106.245 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tot Ion: 43 Resp: 578055

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5

Instrument :

MSVOA_W

ClientSampleId :

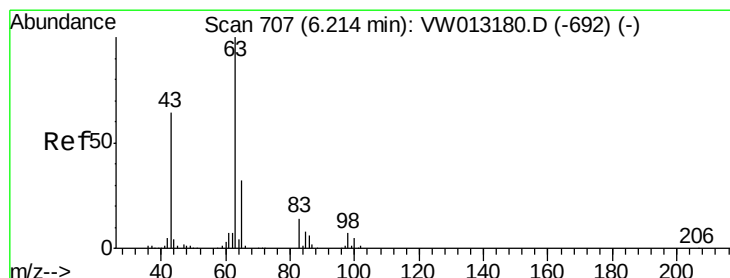
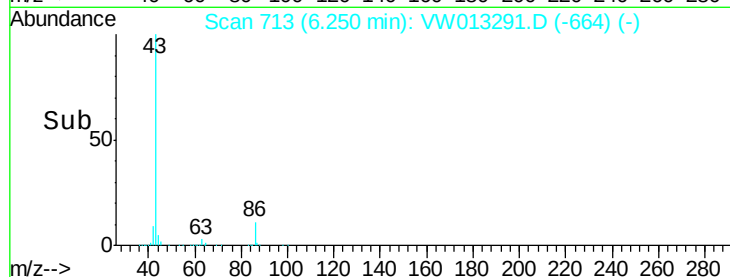
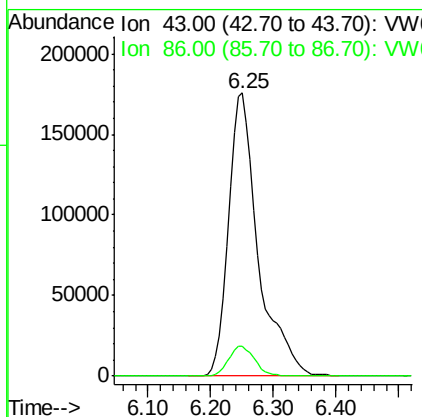
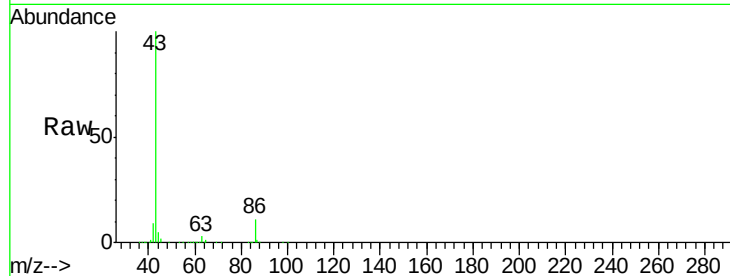
VW0925SBS01

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#24

1,1-Dichloroethane

Concen: 19.911 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

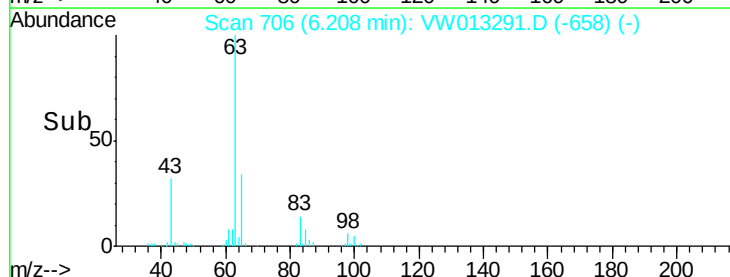
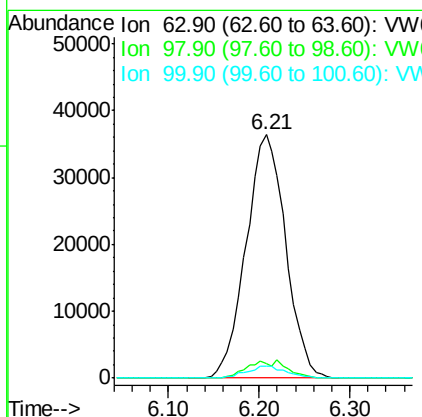
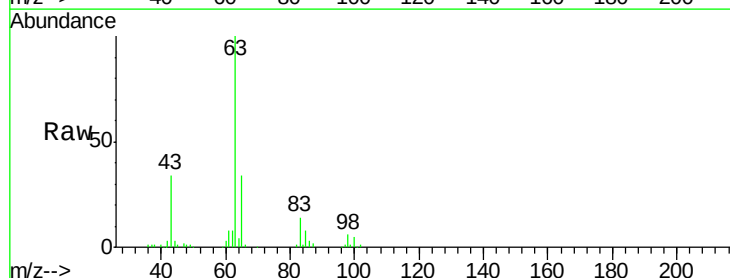
Tgt Ion: 63 Resp: 110187

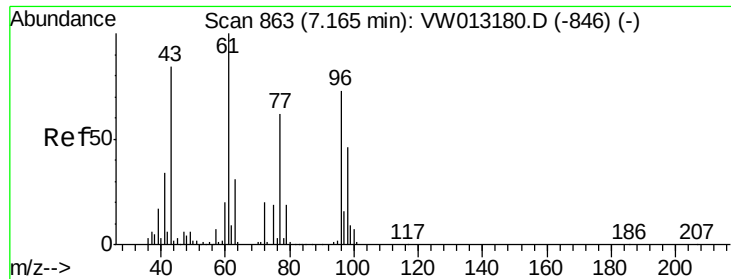
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 111.118 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 43 Resp: 100111

Ion Ratio Lower Upper

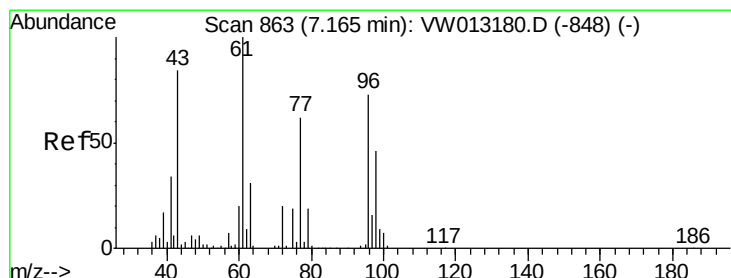
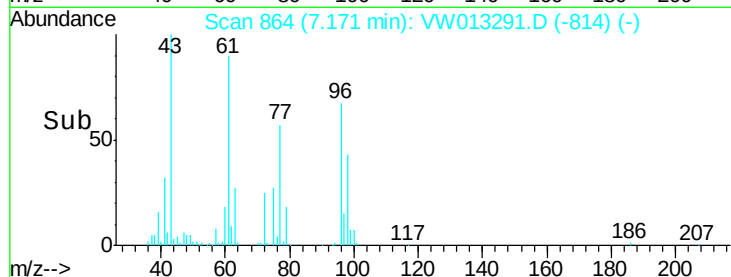
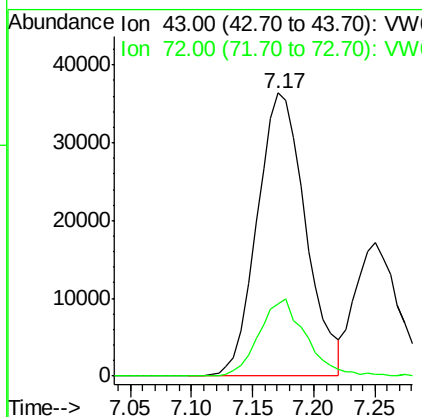
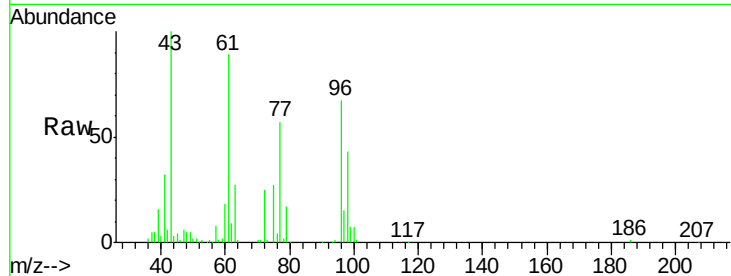
43 100

72 25.3 19.4 29.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.213 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013291.D

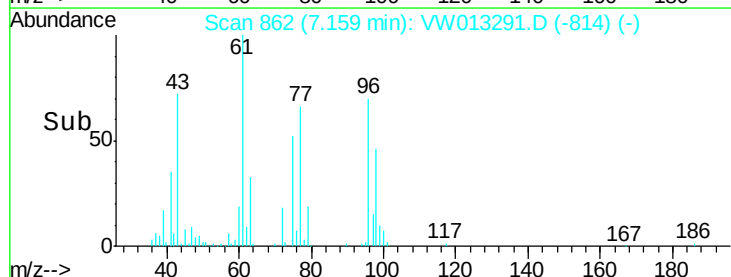
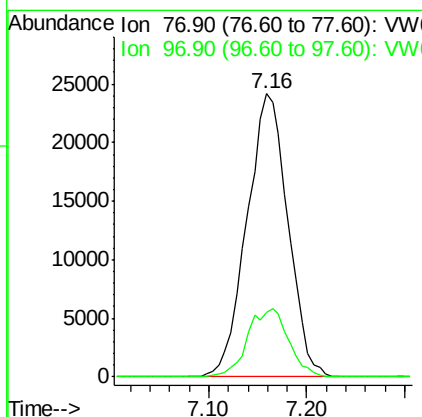
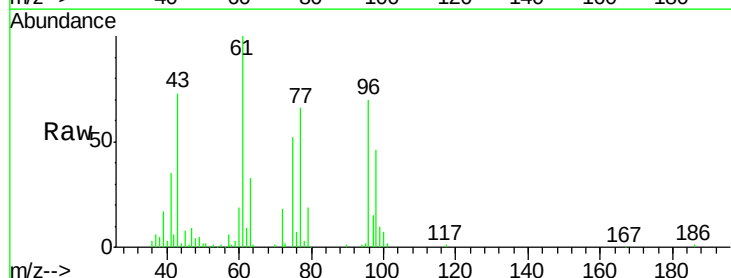
Acq: 25 Sep 2019 11:15

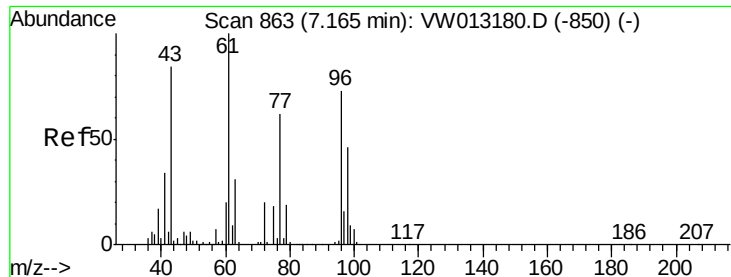
Tgt Ion: 77 Resp: 70411

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.4





#27

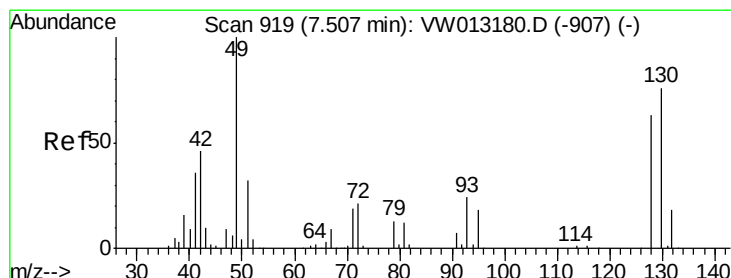
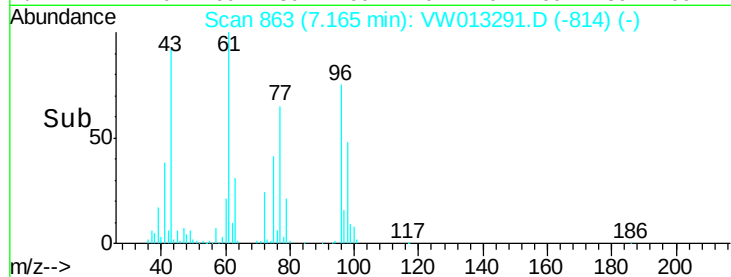
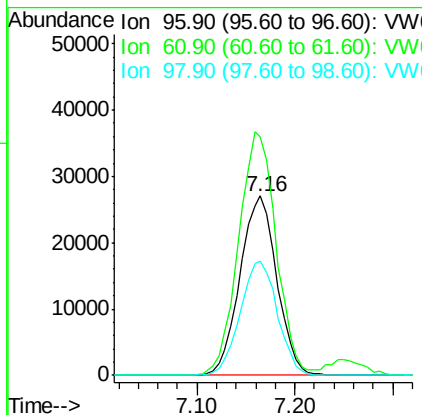
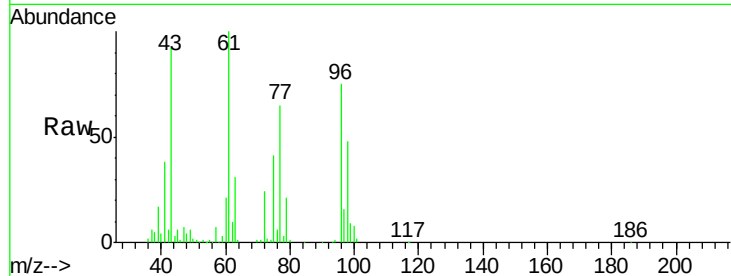
cis-1,2-Dichloroethene
 Concen: 20.469 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	282.4
98	64.2	0.0	128.2

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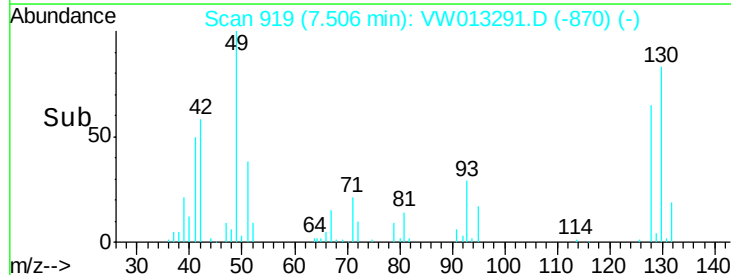
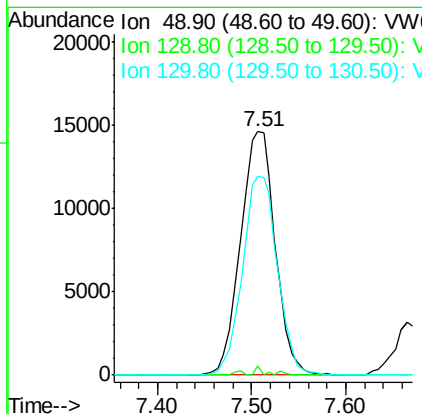
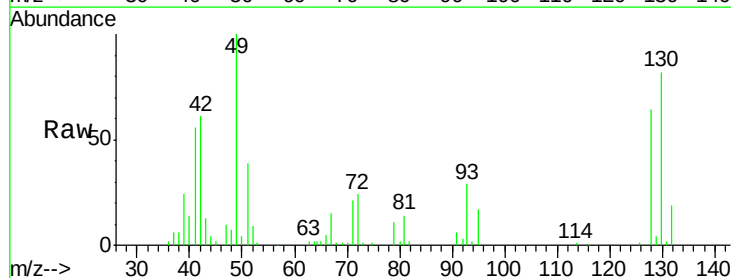
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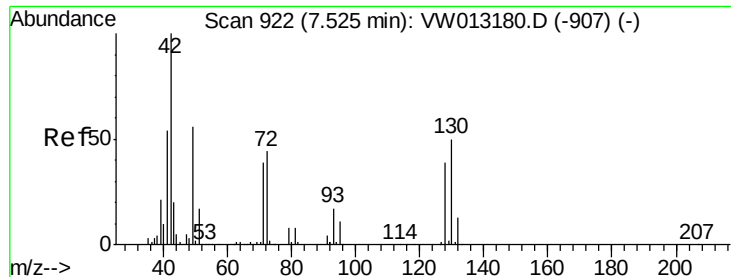


#28

Bromochloromethane
 Concen: 17.773 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.0
130	82.1	63.4	95.2





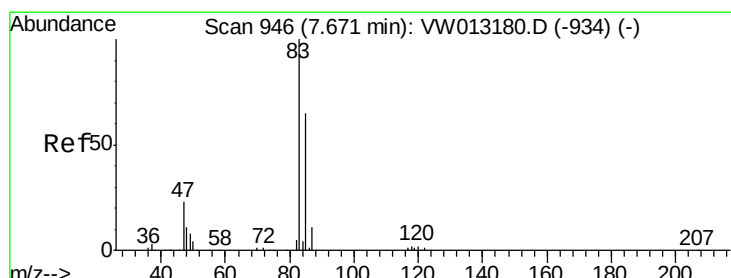
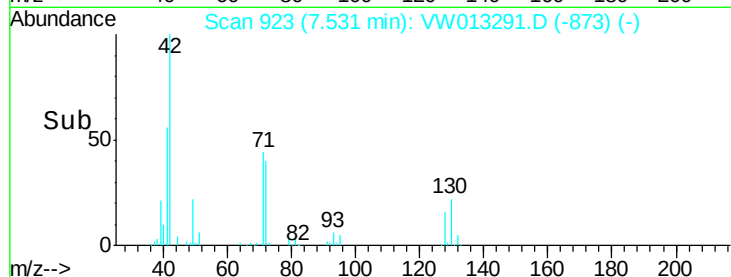
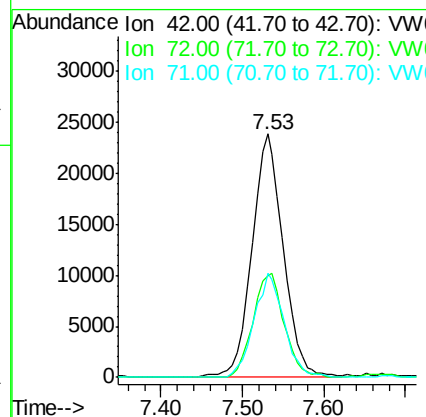
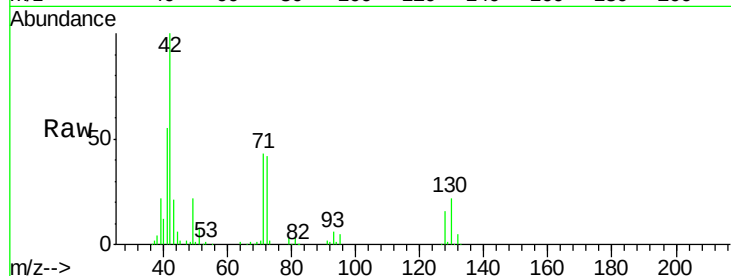
#29
Tetrahydrofuran
Concen: 115.638 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.9	50.9
71	41.1	31.9	47.9

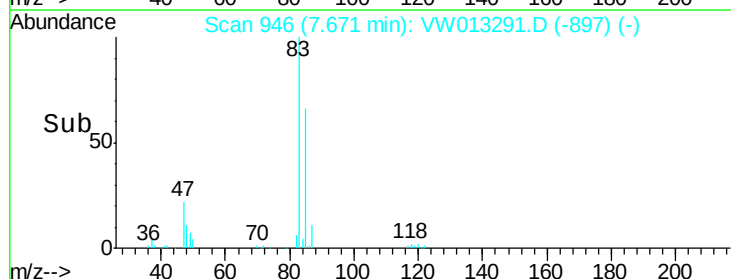
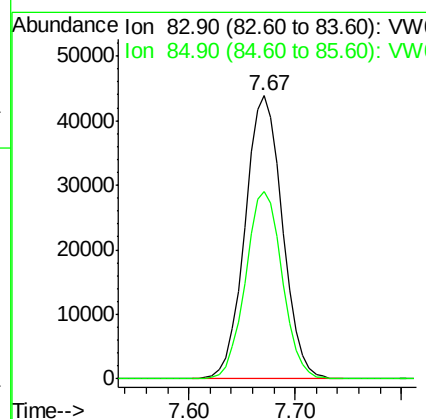
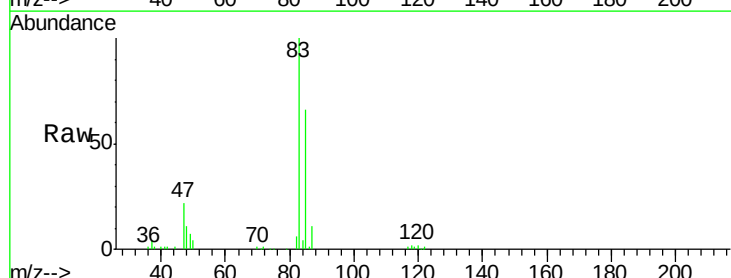
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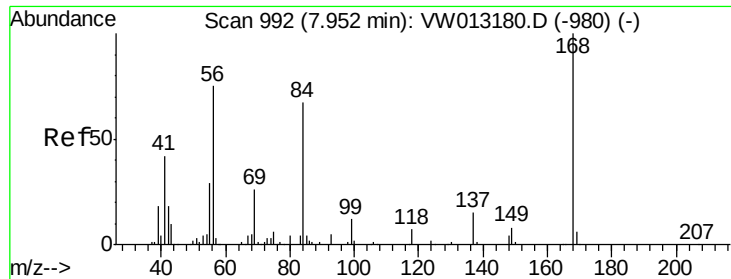
MMDadoda
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#30
Chloroform
Concen: 19.925 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.3	78.5





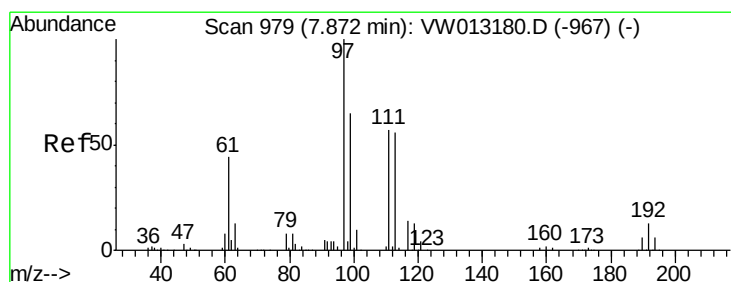
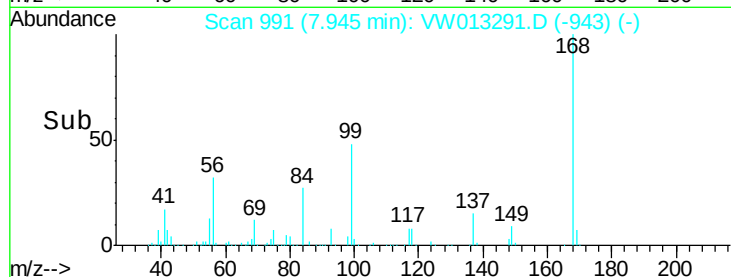
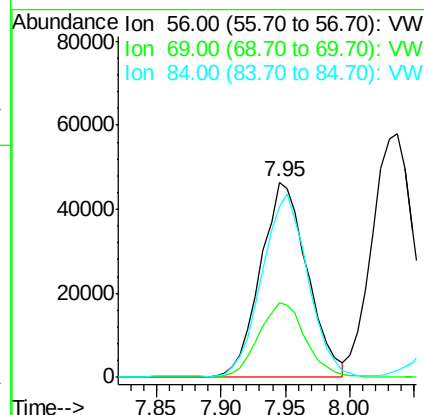
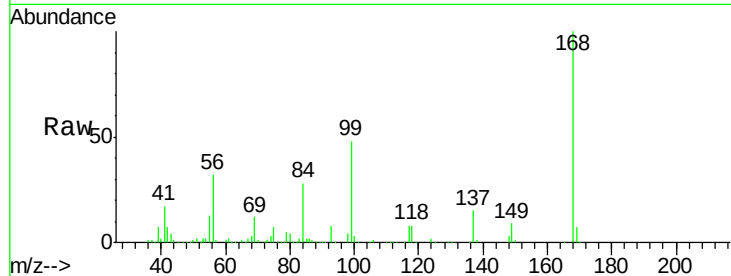
#31
Cyclohexane
Concen: 20.359 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
56	100	117444		
69	38.0		27.2	40.8
84	86.3		70.8	106.2

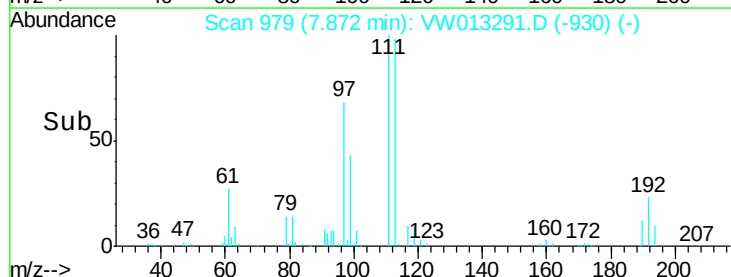
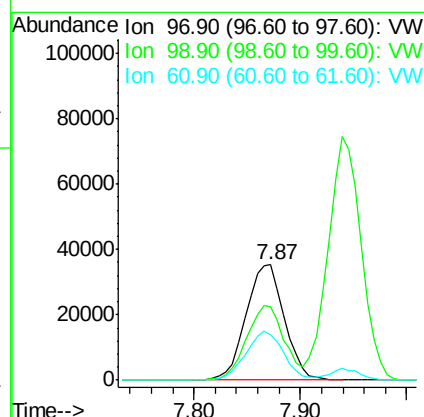
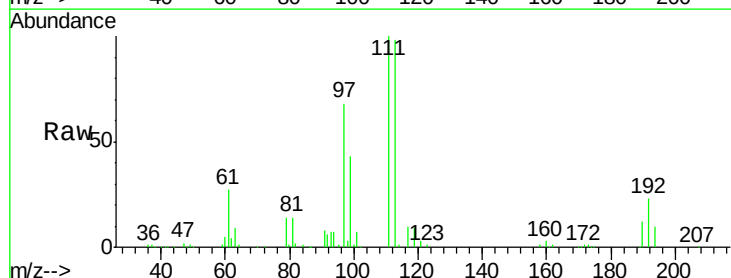
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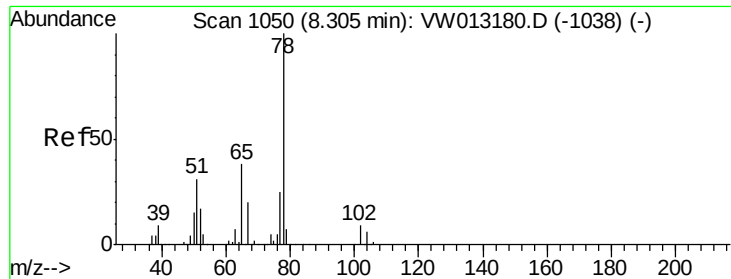
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#32
1,1,1-Trichloroethane
Concen: 20.311 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	89130		
99	64.2		51.7	77.5
61	42.3		34.6	51.8





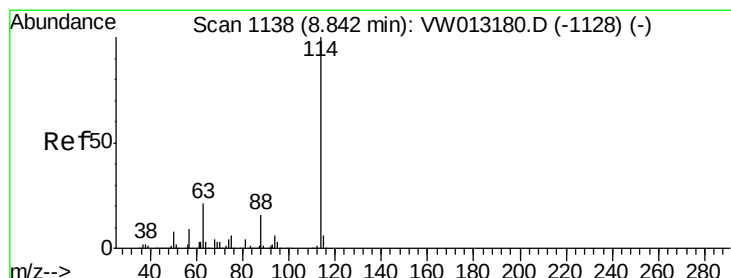
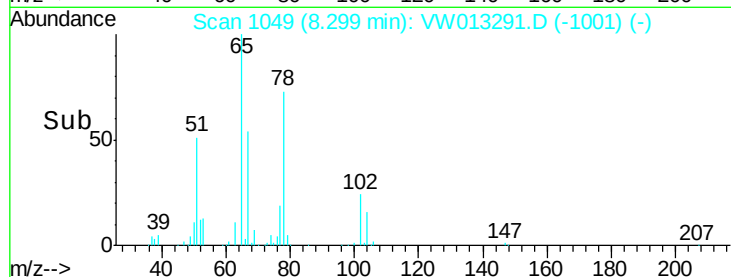
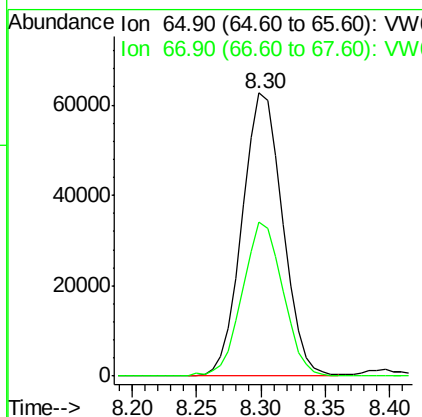
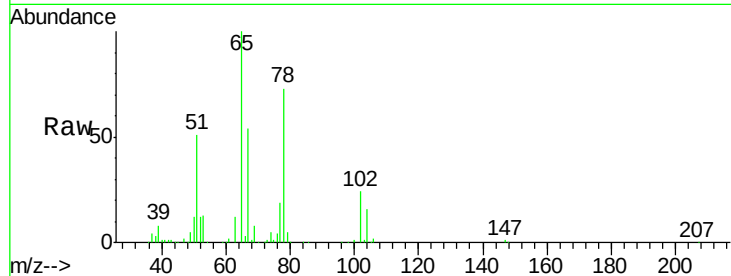
#33
 1,2-Dichloroethane-d4
 Concen: 51.274 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.7	0.0	106.2	

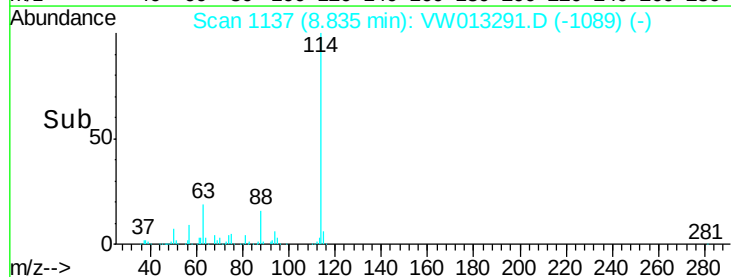
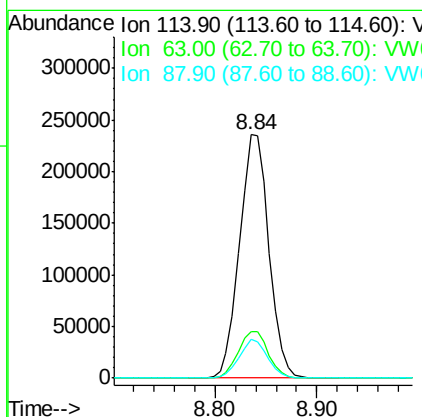
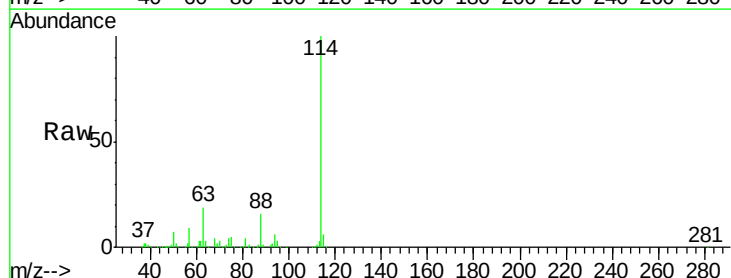
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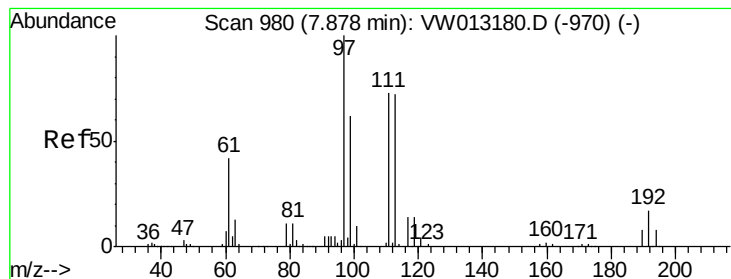
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.3	0.0	41.4	
88	15.7	0.0	32.0	





#35

Dibromofluoromethane

Concen: 51.560 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

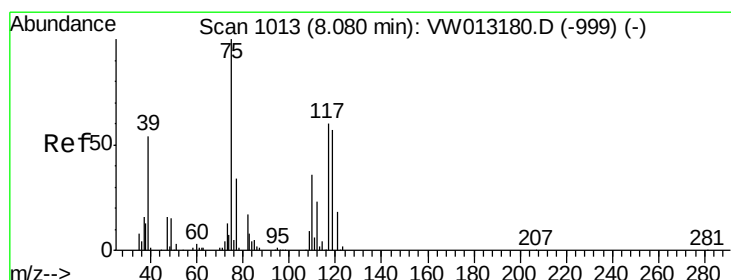
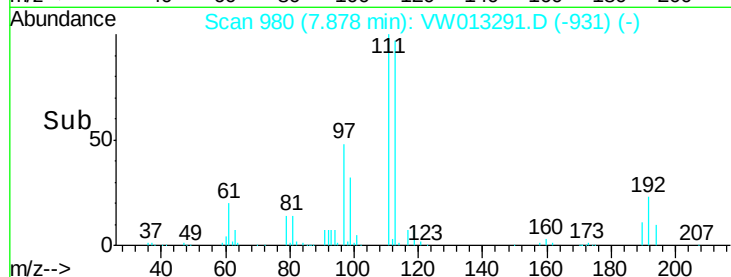
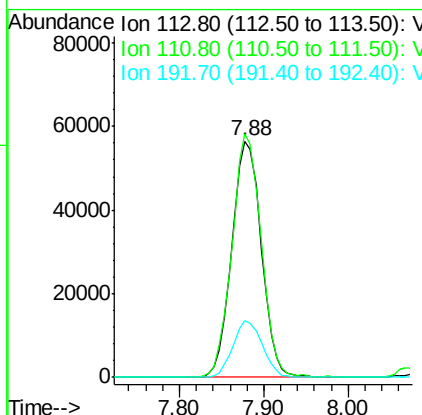
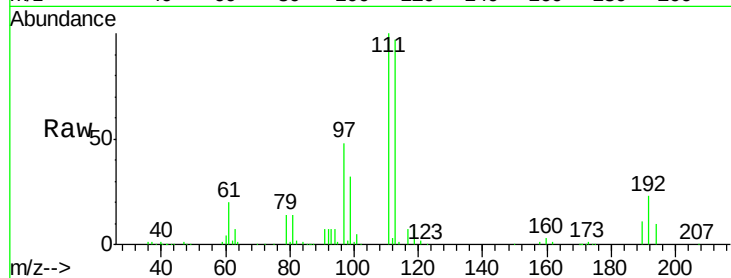
ClientSampleId :

VW0925SBS01

Tot Ion:	113	Resp:	133580
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	23.8	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 20.846 ug/l

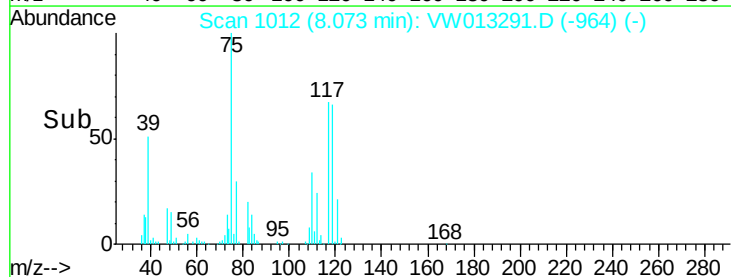
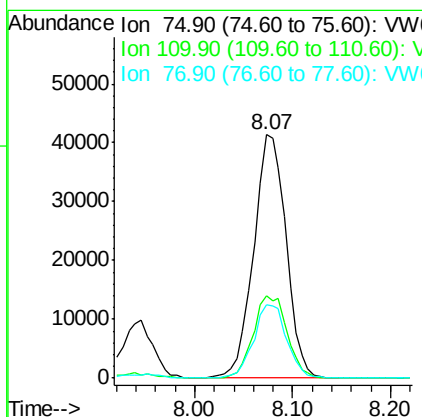
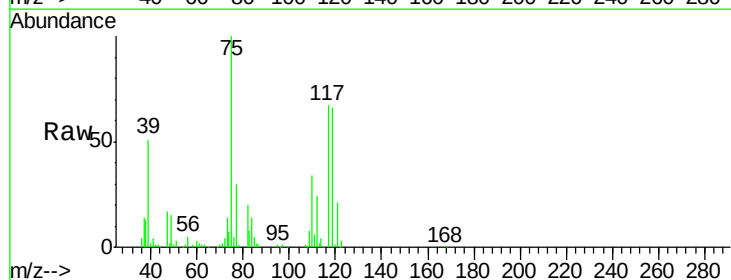
RT: 8.07 min Scan# 1012

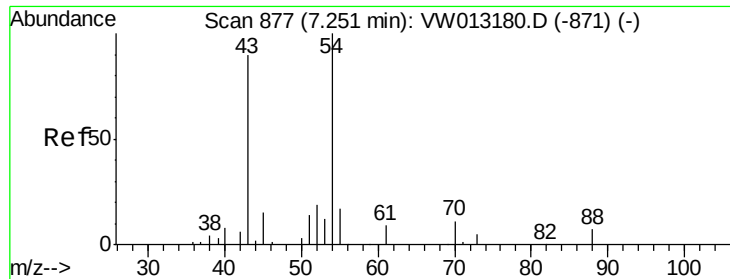
Delta R.T. -0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion:	75	Resp:	95108
Ion Ratio	Lower	Upper	
75	100		
110	35.3	18.1	54.3
77	30.9	25.8	38.6





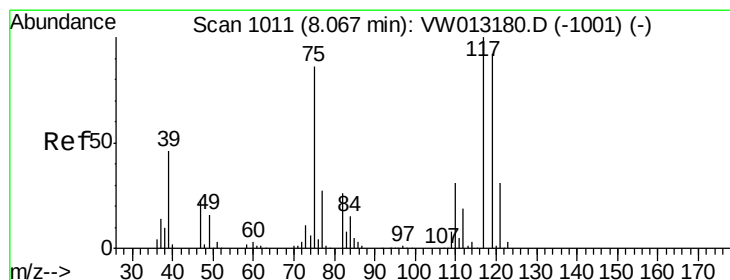
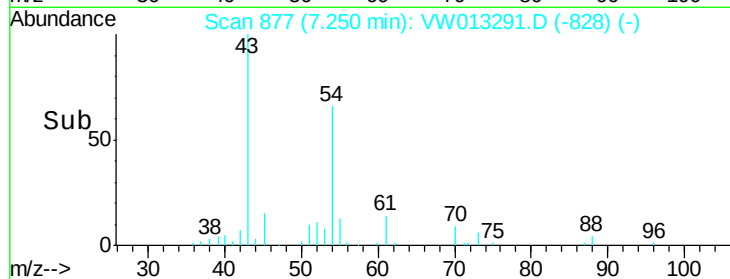
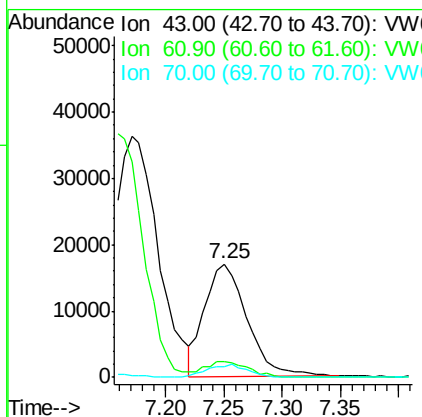
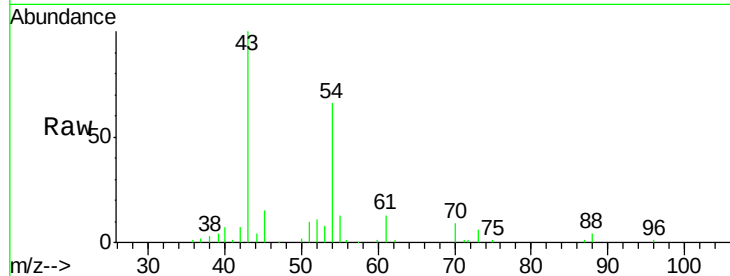
#37
Ethyl Acetate
Concen: 22.061 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampled :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	11.0	8.2	12.2

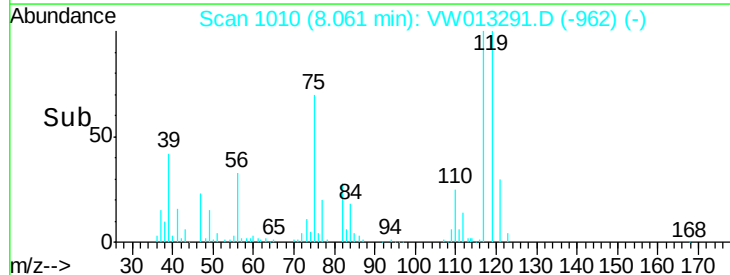
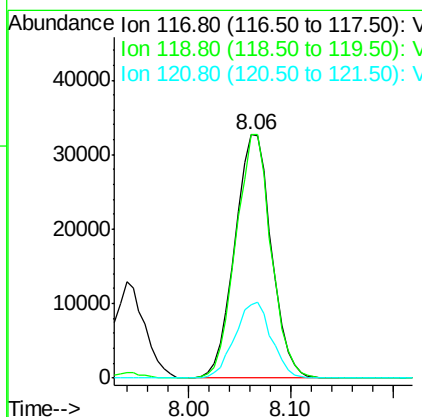
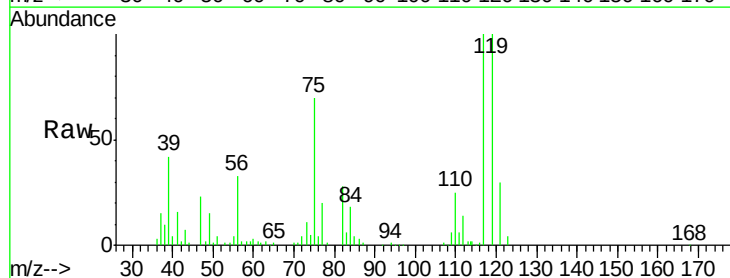
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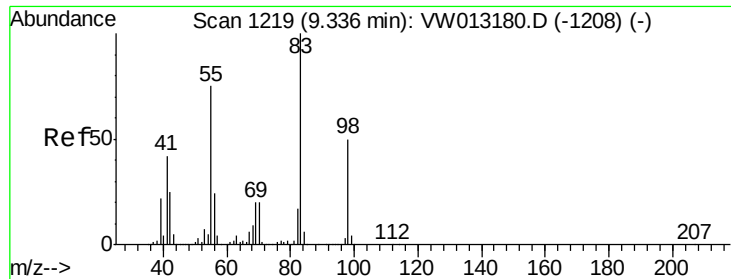
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#38
Carbon Tetrachloride
Concen: 19.855 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	73.5	110.3
121	30.3	25.0	37.6





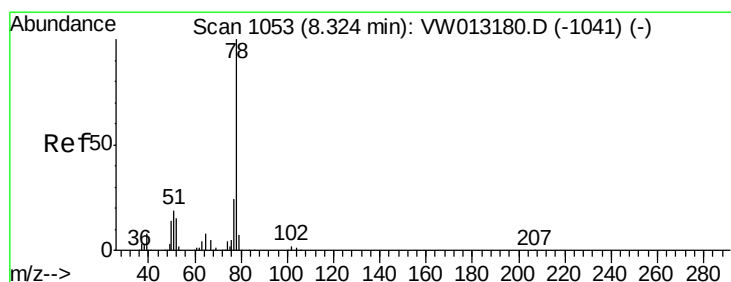
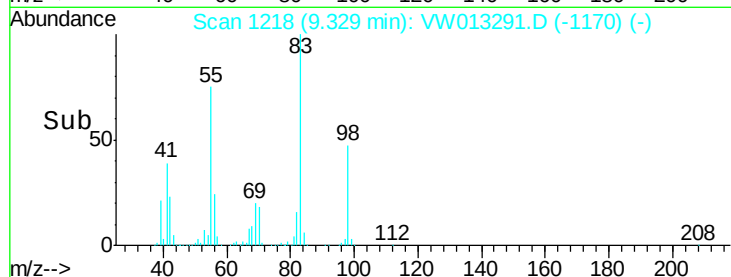
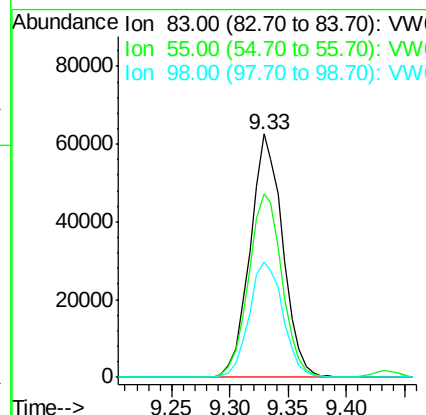
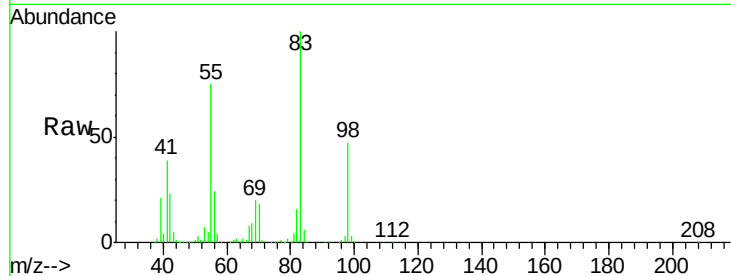
#39
Methylvlcyclohexane
Concen: 20.822 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	122081		
55	75.2		60.4	90.6
98	47.3		40.0	60.0

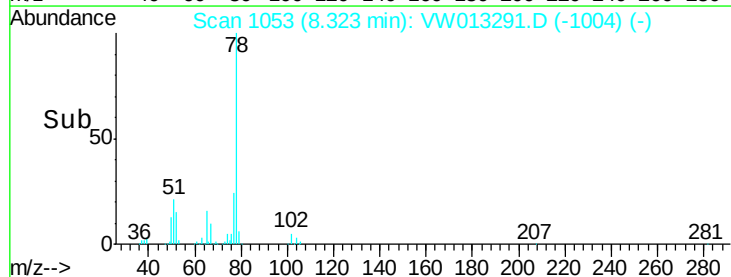
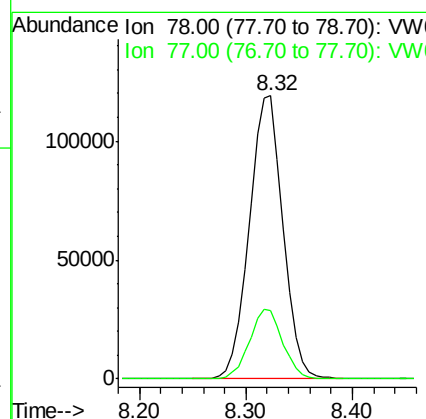
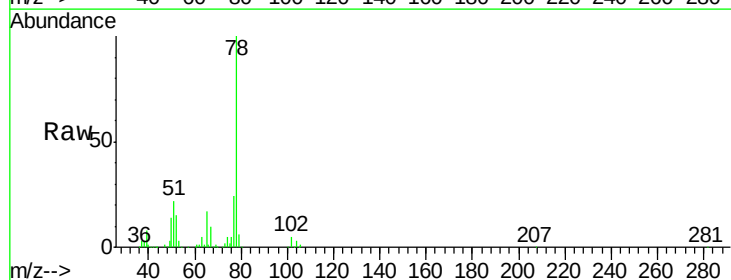
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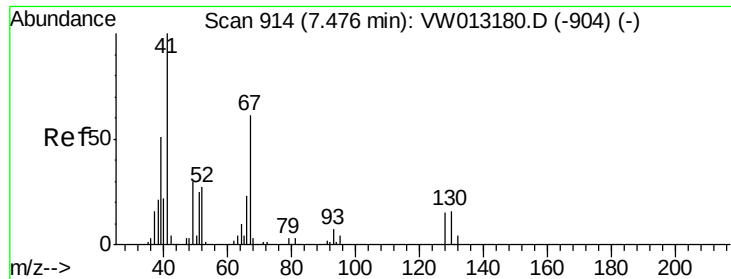
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#40
Benzene
Concen: 20.720 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	263676		
77	24.1		19.1	28.7





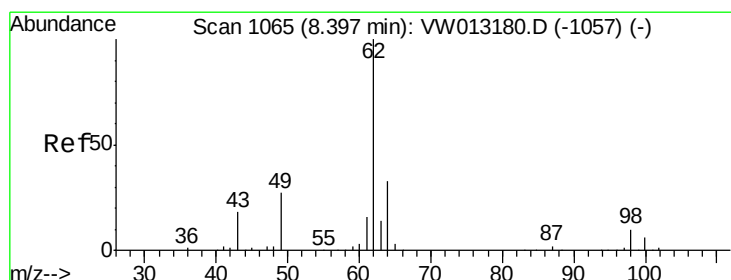
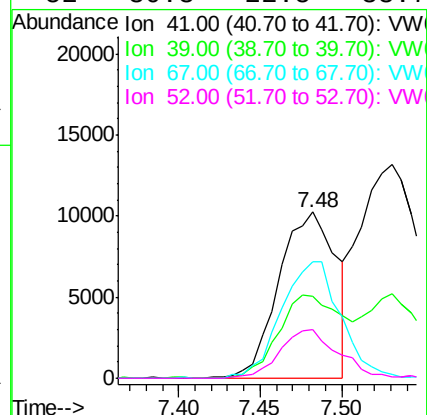
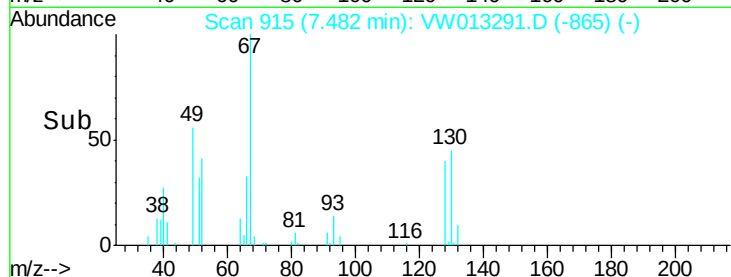
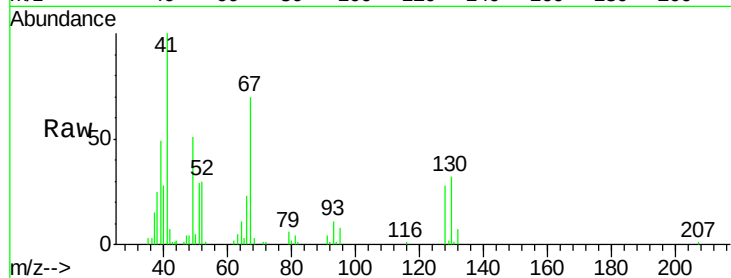
#41
Methacrylonitrile
Concen: 21.604 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	41	Resp	25002
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.9	68.9
67	73.0	54.5	81.7
52	30.3	22.5	33.7

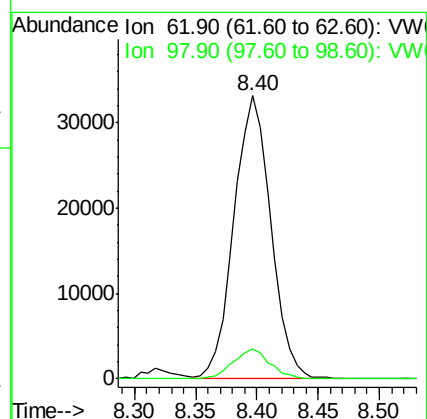
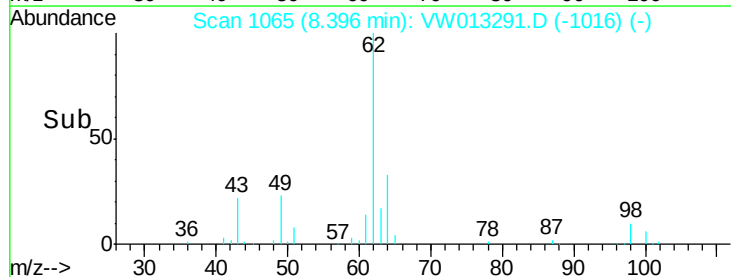
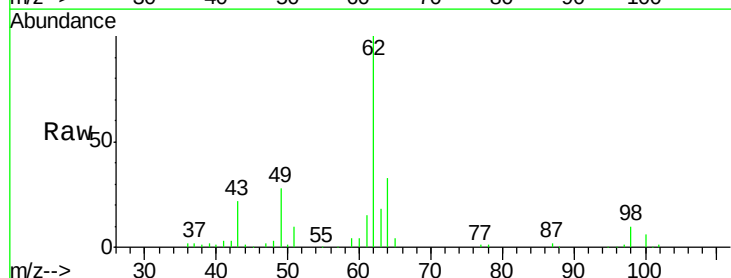
Manual Integrations
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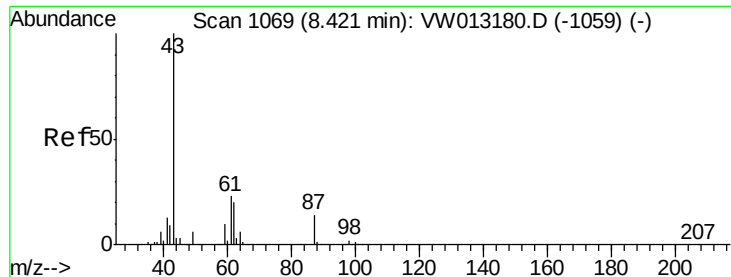
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#42
1,2-Dichloroethane
Concen: 20.336 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	62	Resp	69568
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.382 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

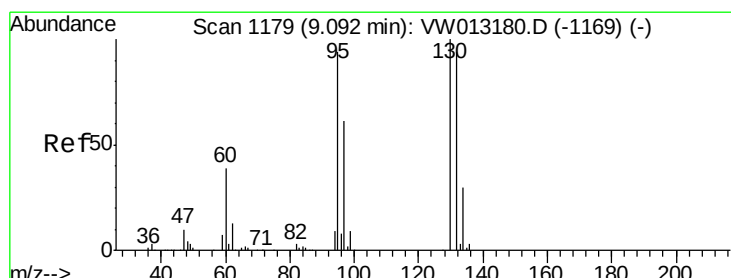
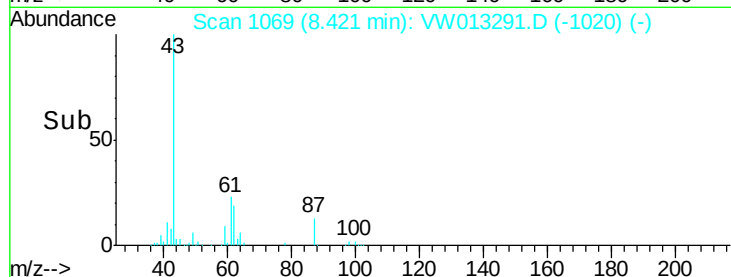
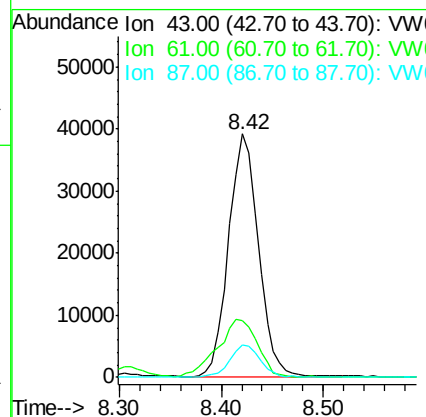
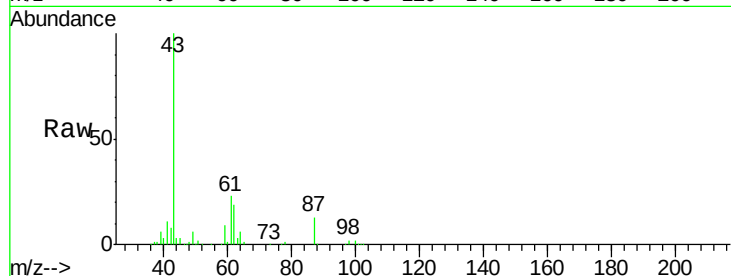
ClientSampleId :

VW0925SBS01

Tot Ion:	43	Resp:	79463
Ion	Ratio	Lower	Upper
43	100		
61	31.9	25.5	38.3
87	13.7	11.0	16.4

Manual Integrations
APPROVED

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9/26/2019 3:33:12 PM



#44

Trichloroethene

Concen: 20.540 ug/l

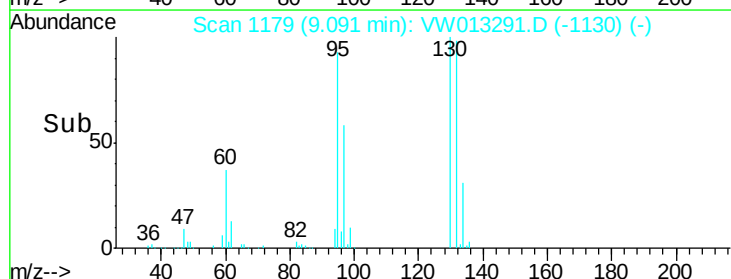
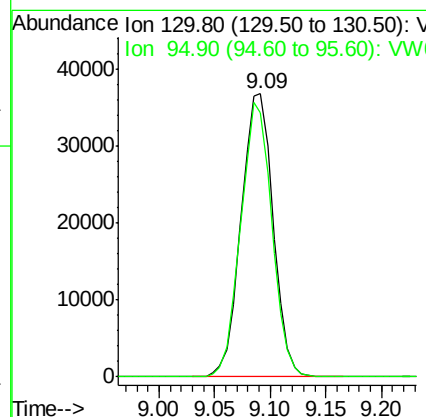
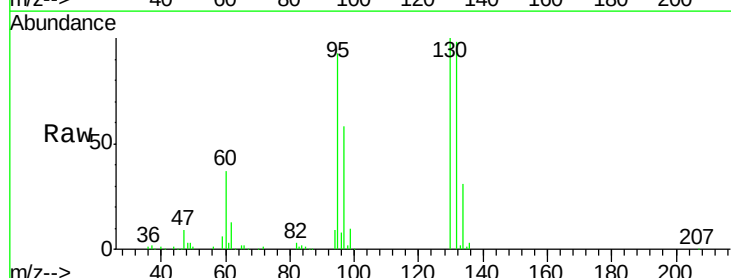
RT: 9.09 min Scan# 1179

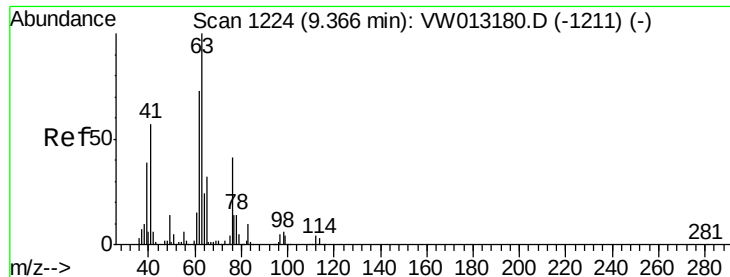
Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion:	130	Resp:	73340
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	188.0





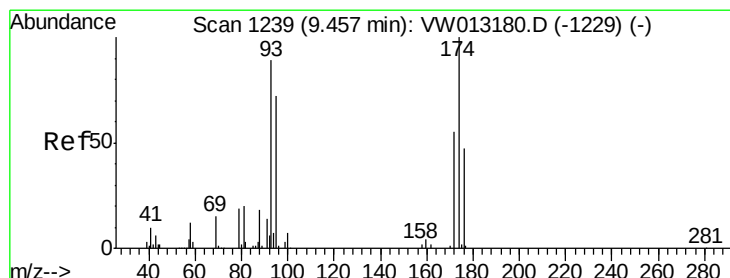
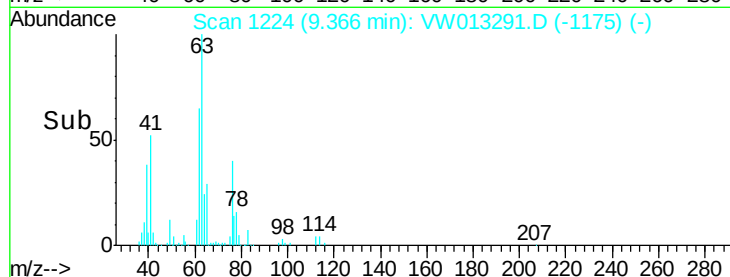
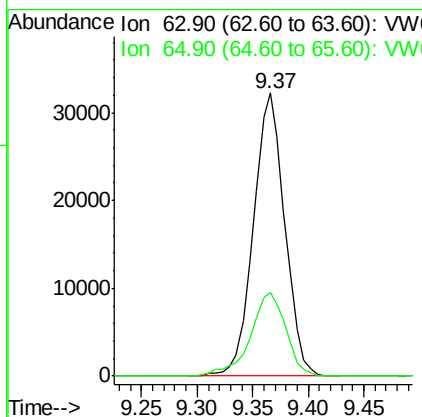
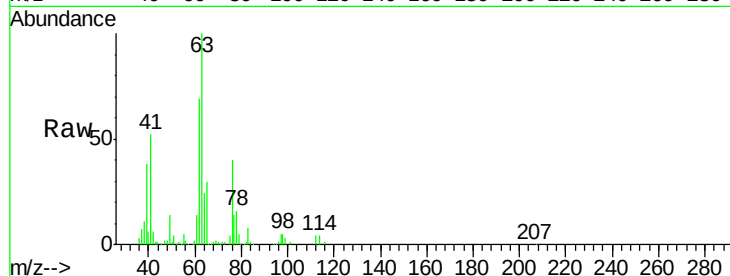
#45
 1,2-Dichloropropane
 Concen: 20.331 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	63168		
65	29.7		25.3	37.9

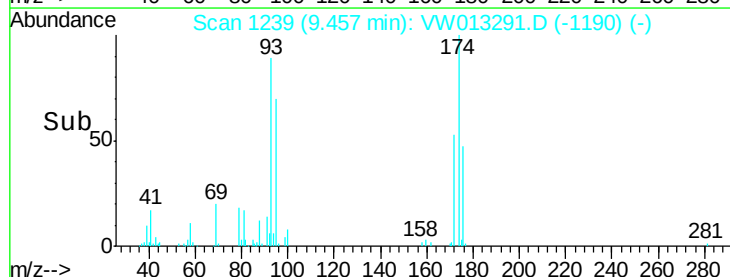
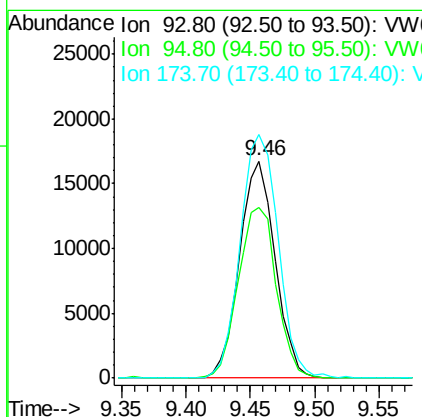
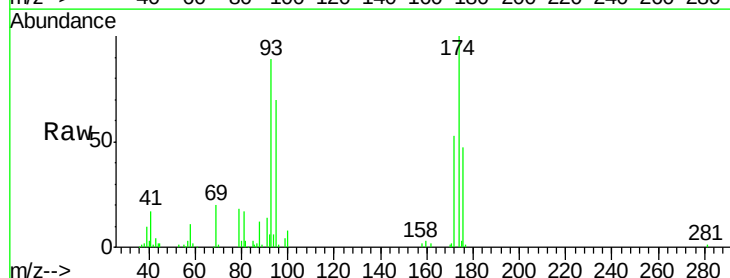
Manual Integrations
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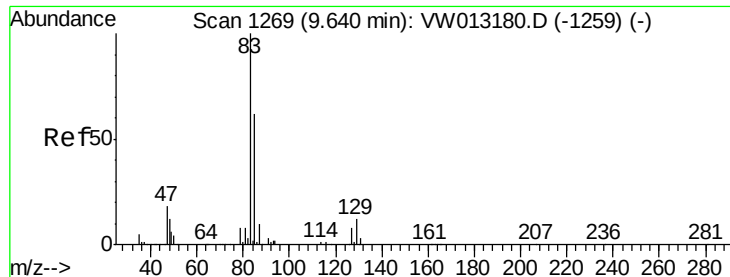
MMDadoda
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#46
 Dibromomethane
 Concen: 21.280 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	32099		
95	83.9		66.4	99.6
174	119.4		93.0	139.6





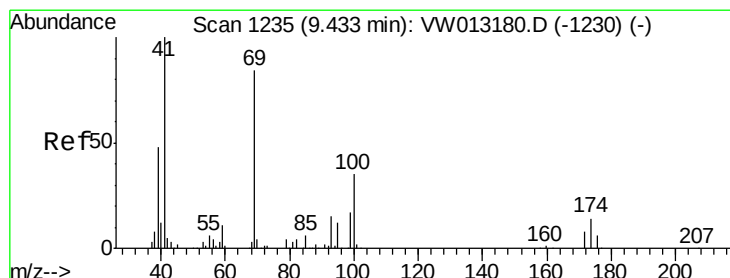
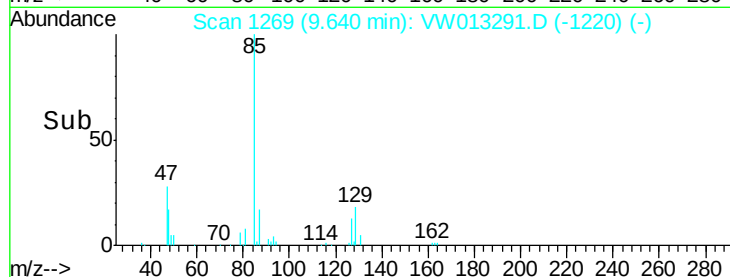
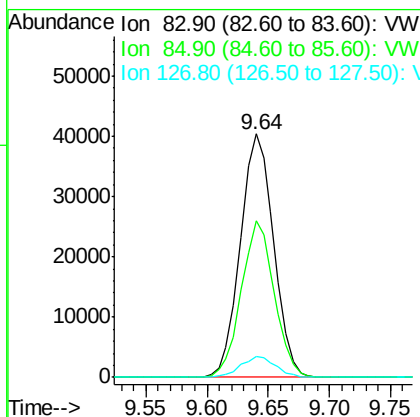
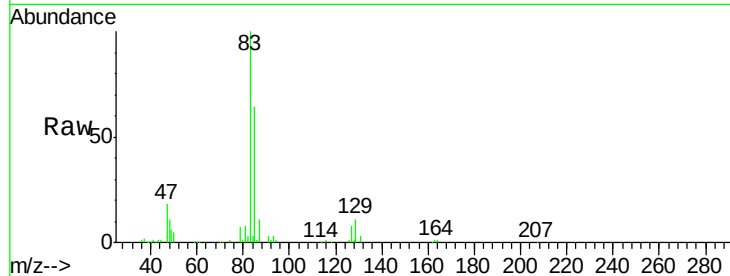
#47
Bromodichloromethane
Concen: 19.884 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	83	Resp	76320
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	49.4	74.2
127	8.4	6.5	9.7

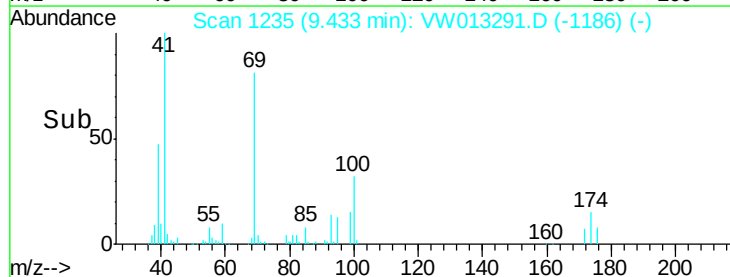
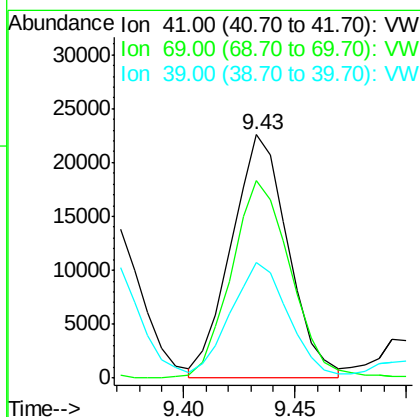
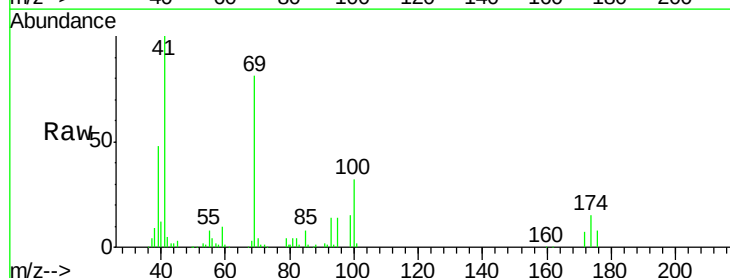
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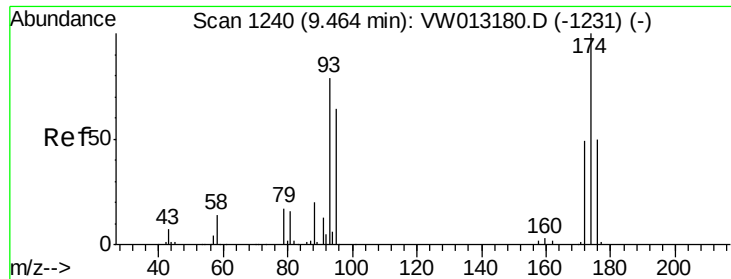
MMDadoda
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#48
Methyl methacrylate
Concen: 22.931 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	41	Resp	40072
Ion Ratio	100	Lower	Upper
41	100		
69	85.5	69.7	104.5
39	45.6	41.1	61.7





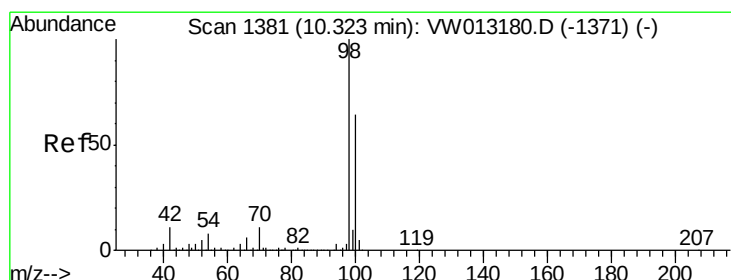
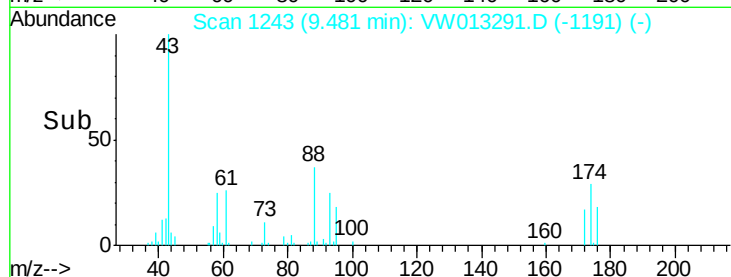
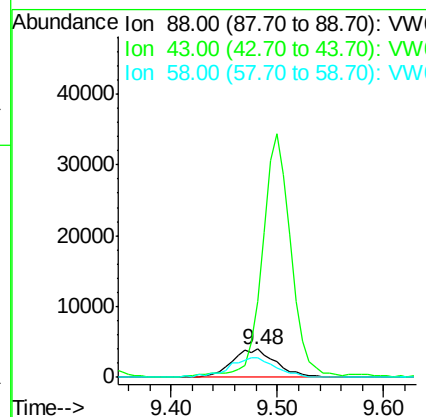
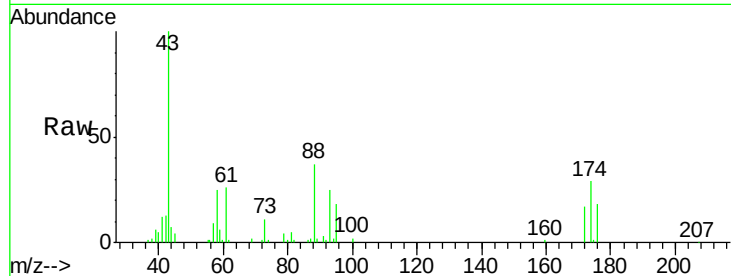
#49
1,4-Dioxane
Concen: 508.077 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion: 88 Resp: 11504
Ion Ratio Lower Upper
88 100
43 567.1 0.0 0.0#
58 72.5 65.4 98.0

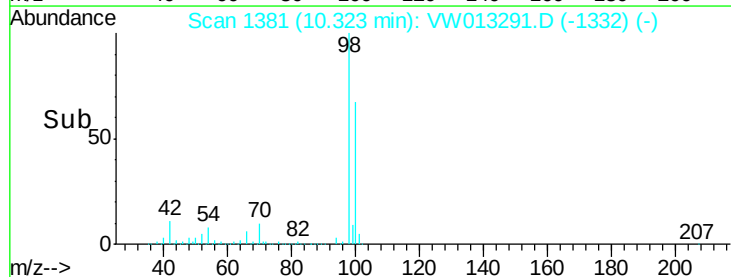
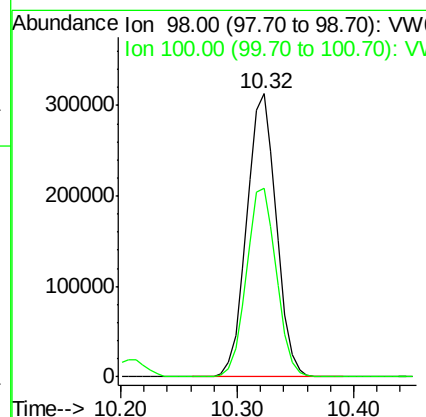
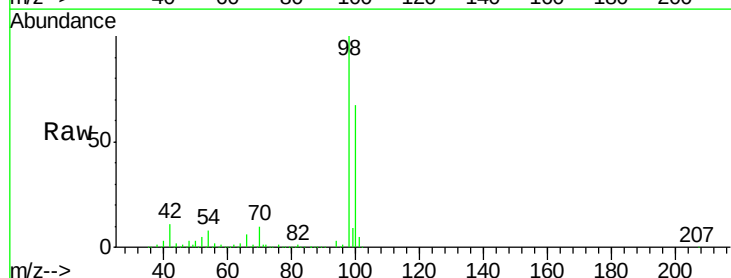
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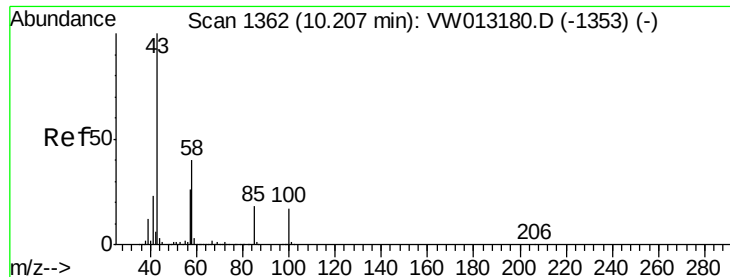
MMDadoda
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#50
Toluene-d8
Concen: 51.227 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion: 98 Resp: 555432
Ion Ratio Lower Upper
98 100
100 67.3 52.9 79.3





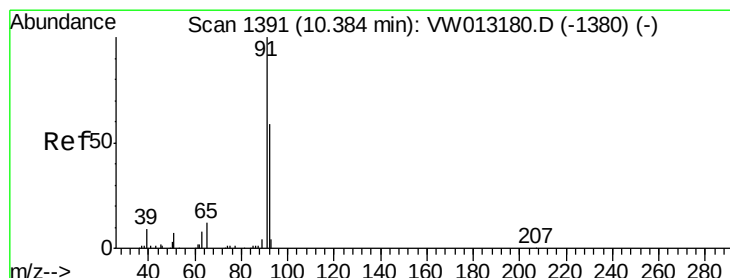
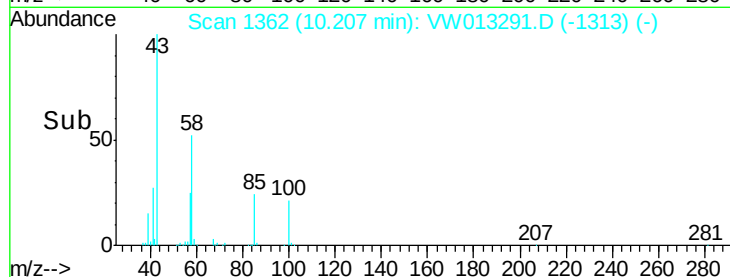
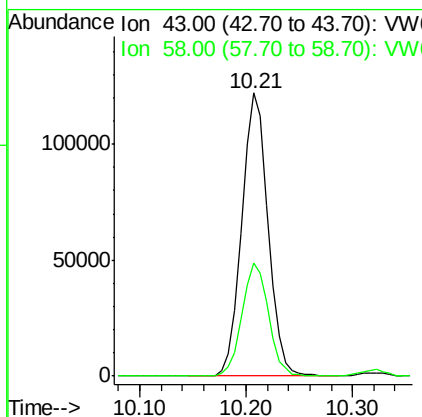
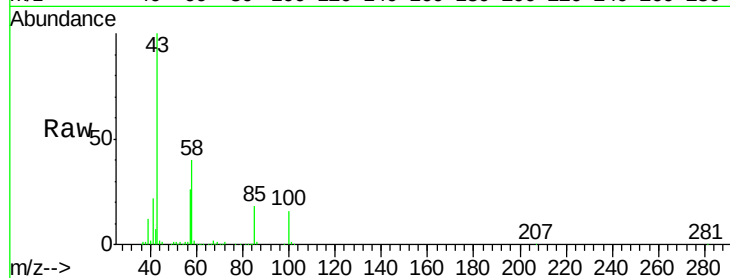
#51
4-Methyl-2-Pentanone
Concen: 113.604 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	43	Resp	211653
Ion Ratio	100	Lower	Upper
43	100		
58	40.4	31.7	47.5

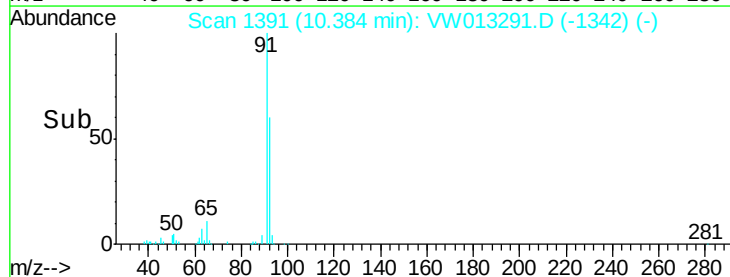
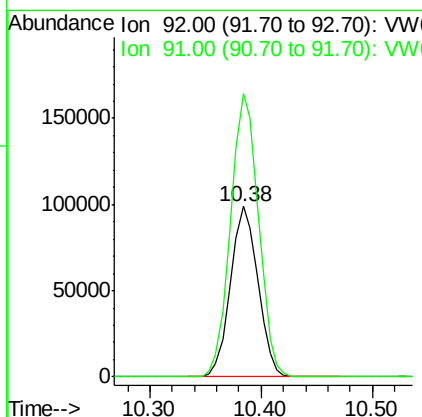
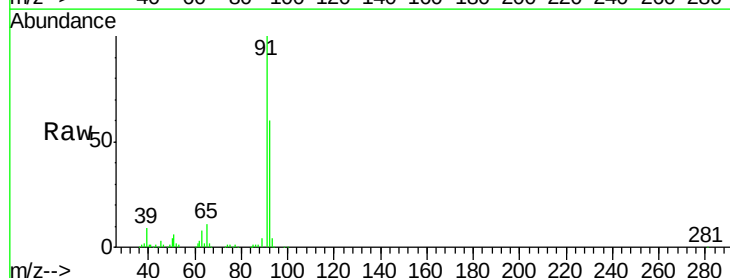
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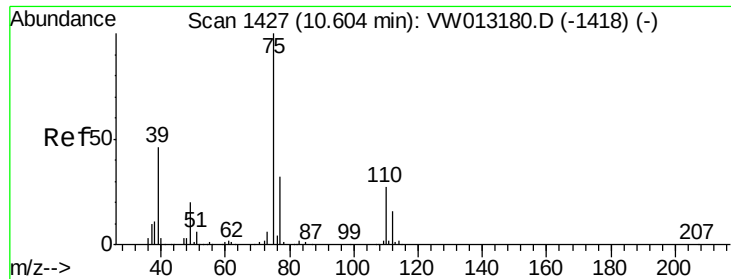
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#52
Toluene
Concen: 20.716 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	92	Resp	168958
Ion Ratio	100	Lower	Upper
92	100		
91	169.2	135.7	203.5





#53

t-1,3-Dichloropropene

Concen: 20.471 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 75 Resp: 80726

Ion Ratio Lower Upper

75 100

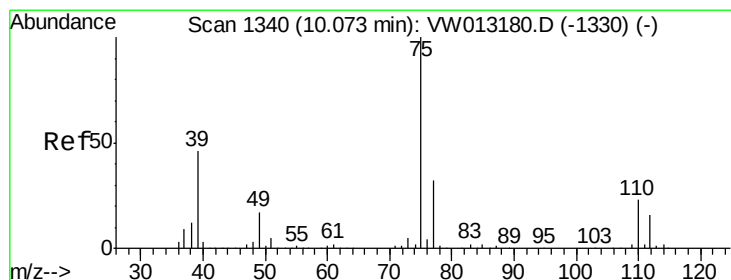
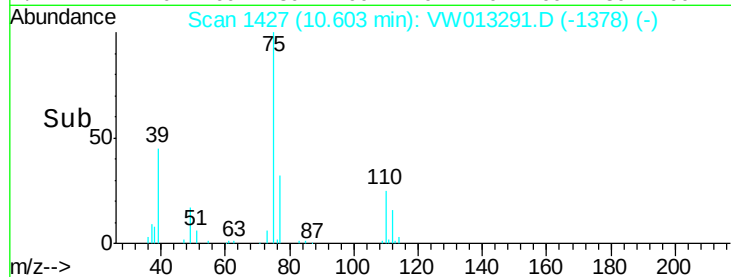
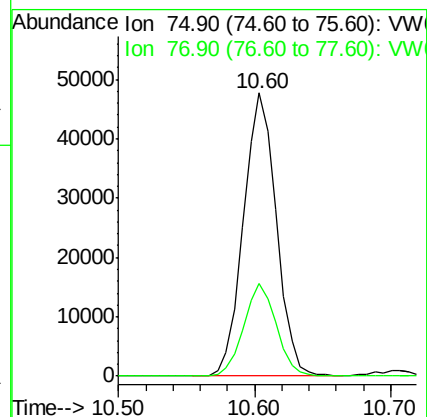
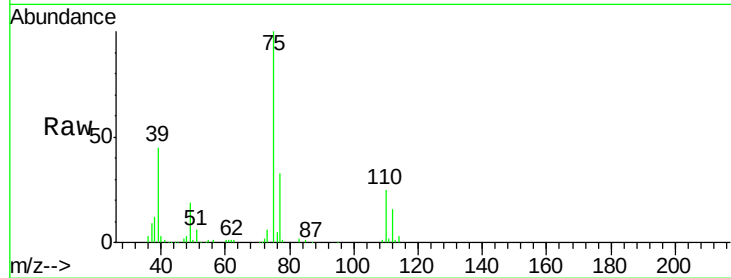
77 32.6 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.257 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

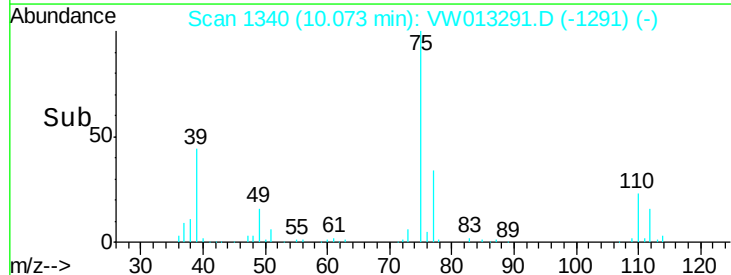
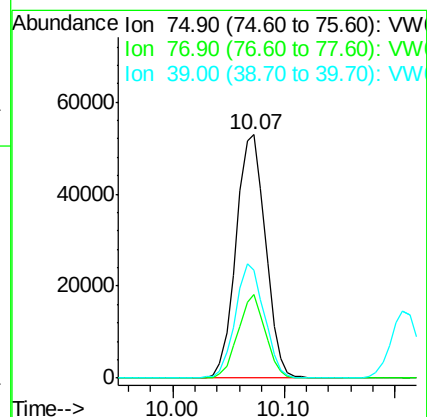
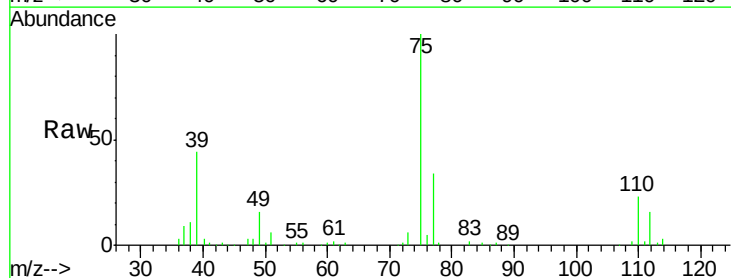
Tgt Ion: 75 Resp: 97126

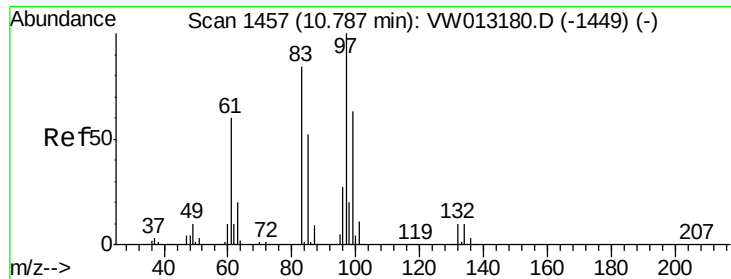
Ion Ratio Lower Upper

75 100

77 34.4 25.2 37.8

39 44.2 36.6 55.0





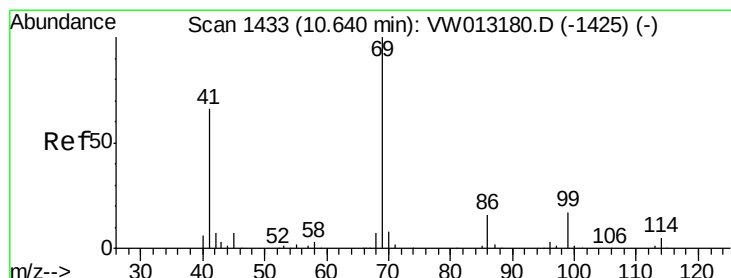
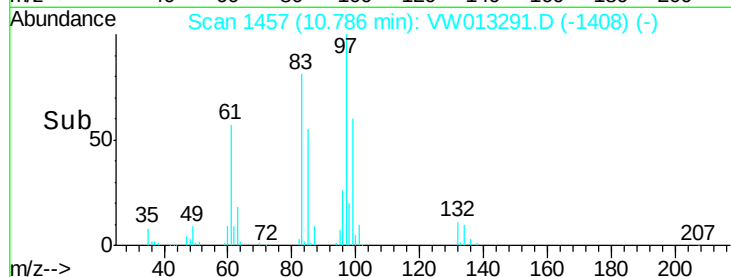
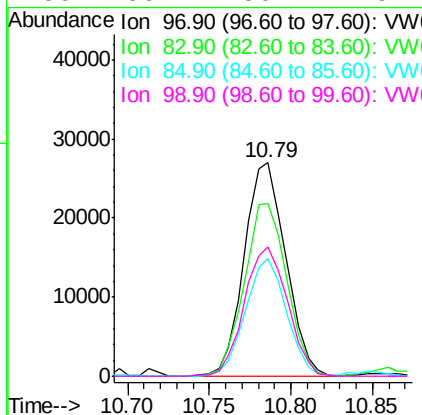
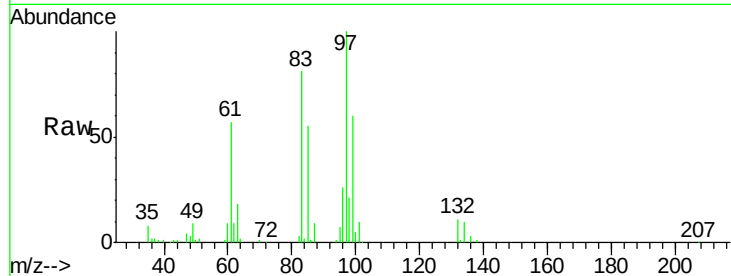
#55
 1,1,2-Trichloroethane
 Concen: 21.310 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		48045		
83	81.2	67.6	101.4		
85	54.9	41.9	62.9		
99	60.4	50.1	75.1		

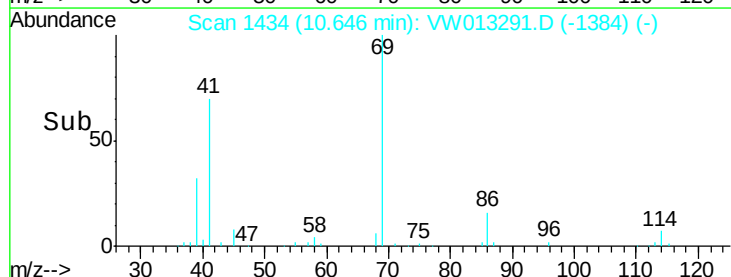
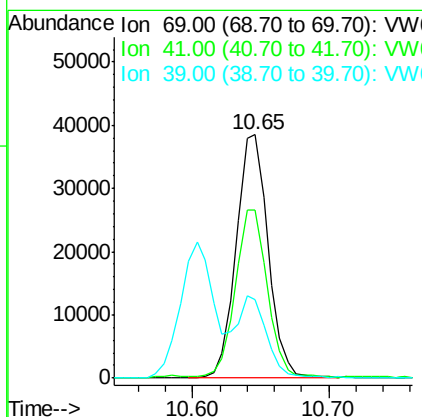
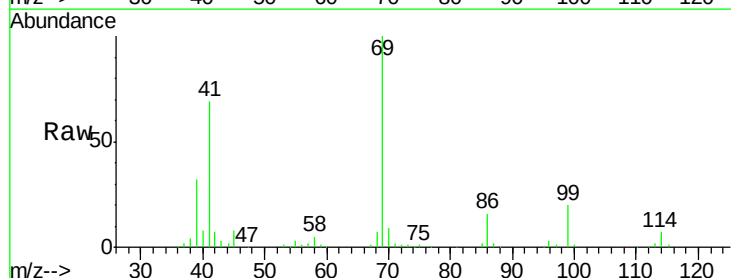
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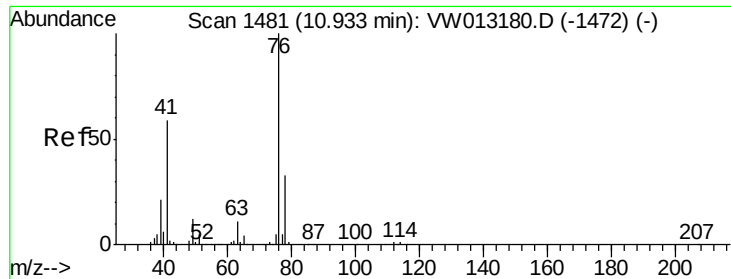
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#56
 Ethyl methacrylate
 Concen: 21.433 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		63241		
41	68.3	53.9	80.9		
39	29.8	23.8	35.6		





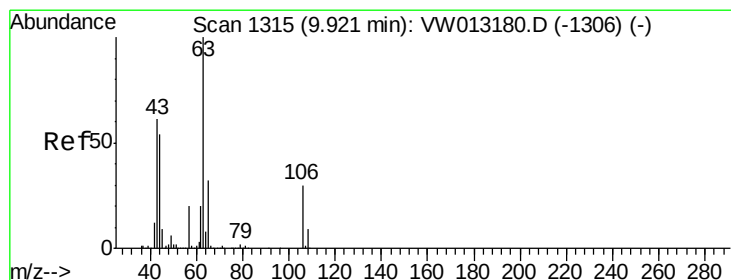
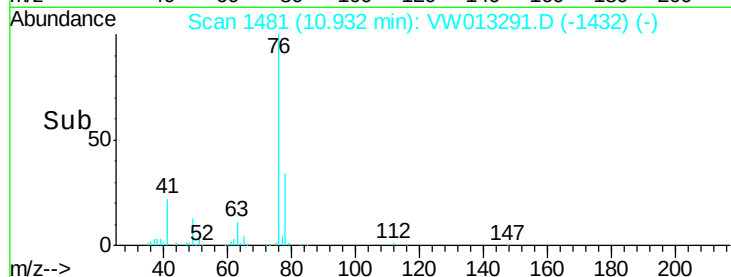
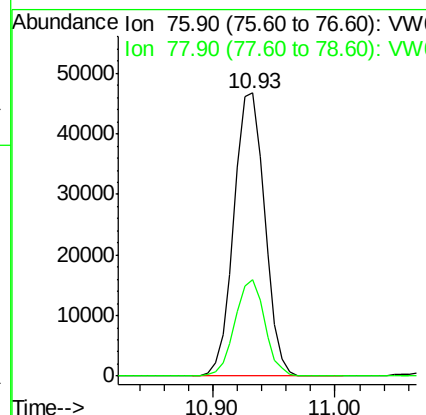
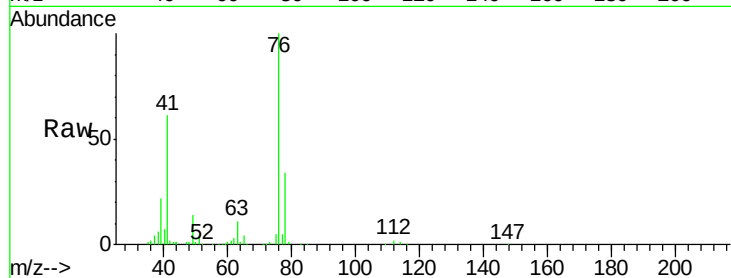
#57
 1,3-Dichloropropane
 Concen: 20.712 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion: 76 Resp: 81487
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.5 38.3

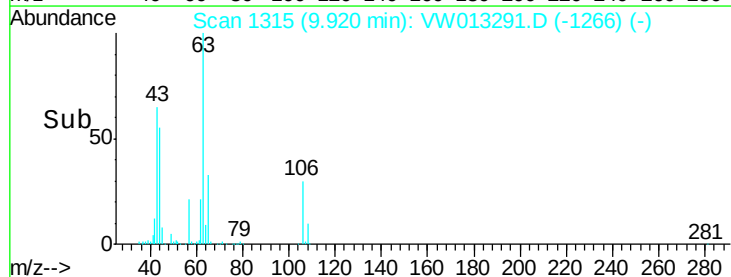
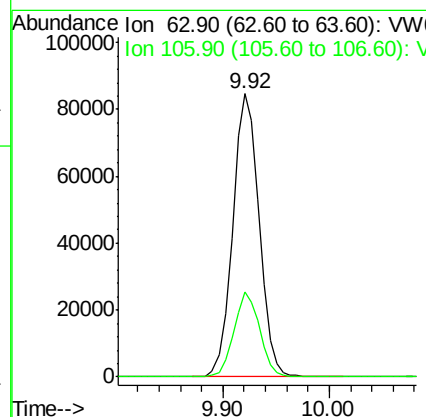
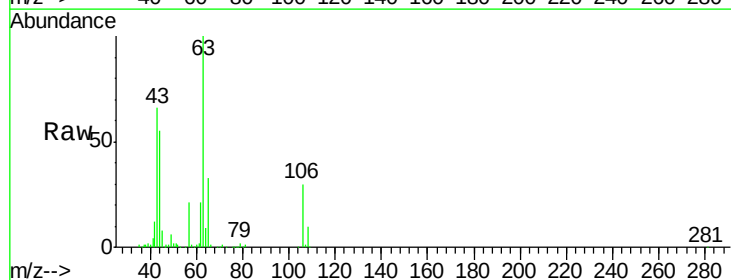
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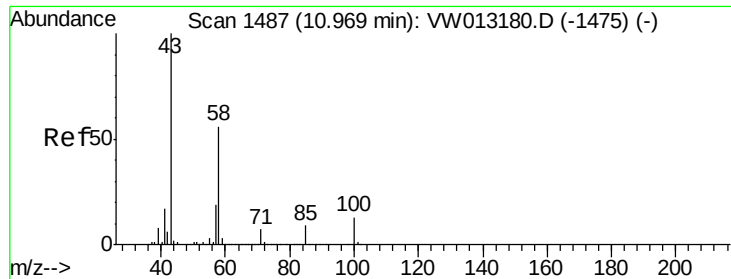
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.234 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion: 63 Resp: 146480
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.4 35.0





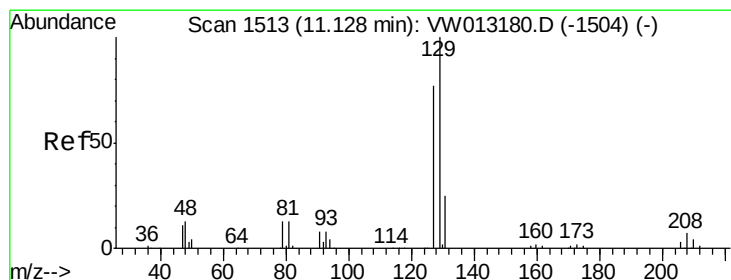
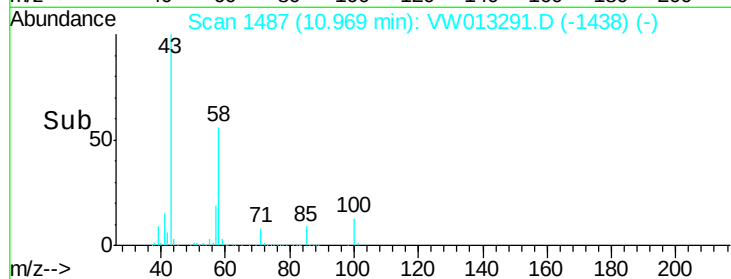
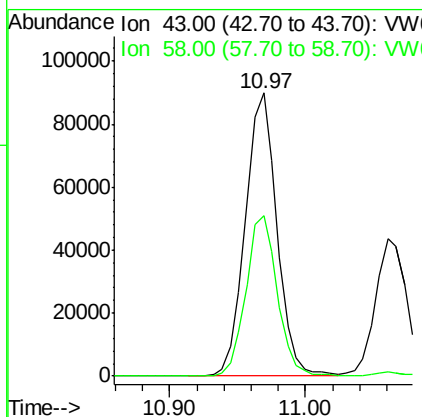
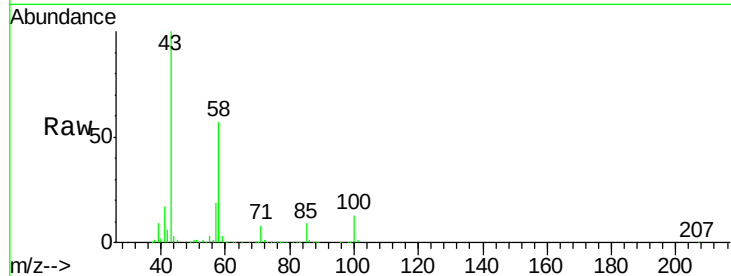
#59
2-Hexanone
Concen: 114.519 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	43	Resp	146790
Ion Ratio	100	Lower	Upper
58	56.2	28.1	84.2

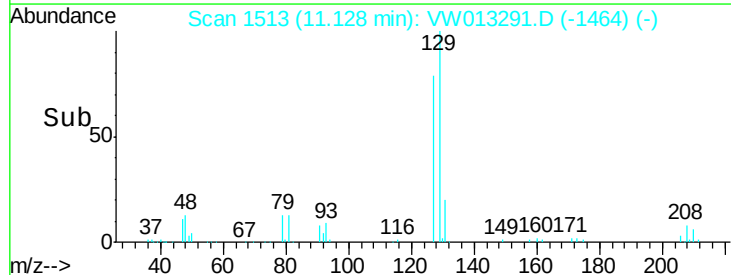
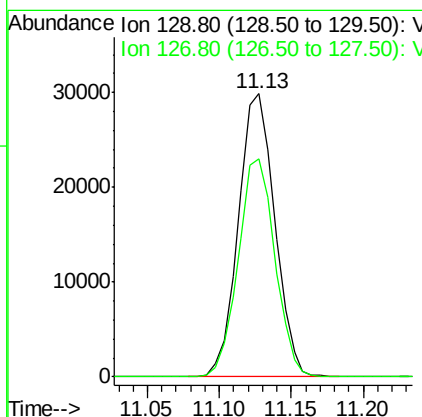
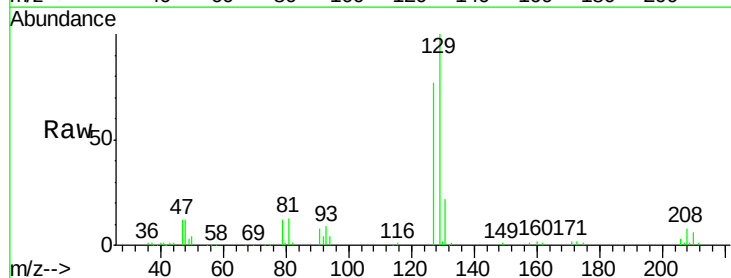
Manual Integrations
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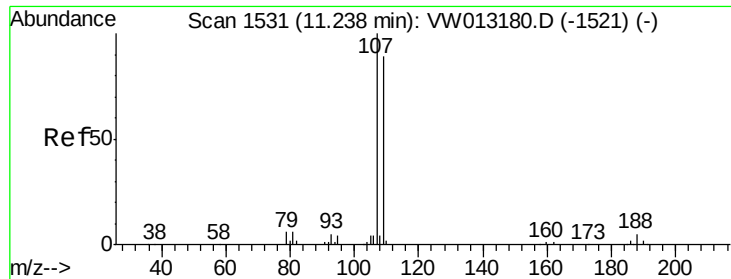
MMDadoda
9/26/2019 3:33:12 PM



#60
Dibromochloromethane
Concen: 20.480 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	129	Resp	52431
Ion Ratio	100	Lower	Upper
127	77.6	38.8	116.4





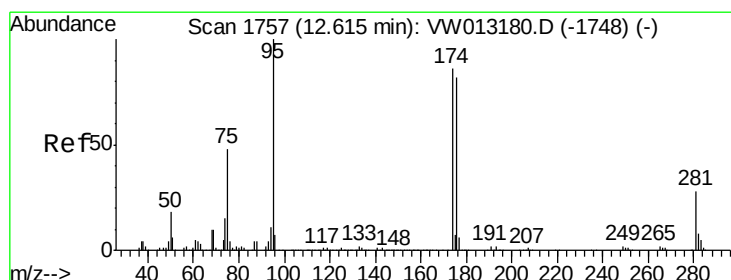
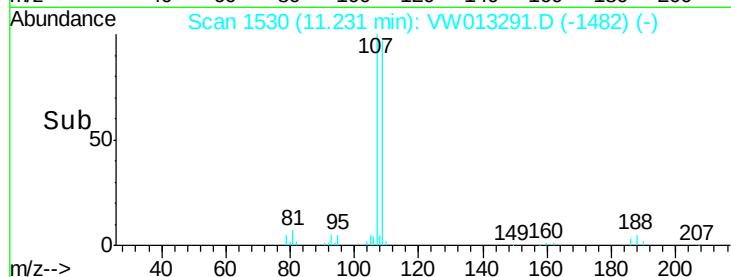
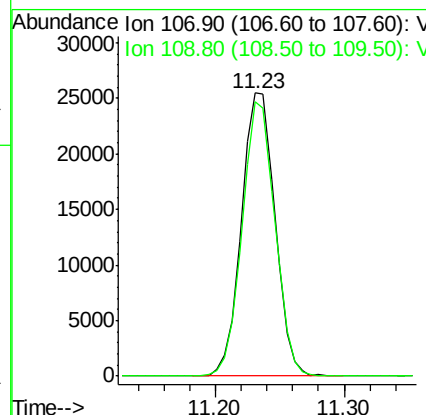
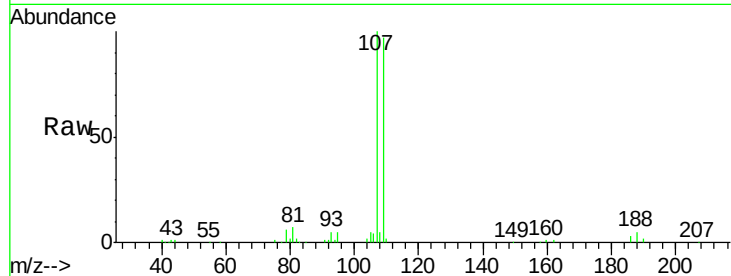
#61
 1,2-Dibromoethane
 Concen: 21.354 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.2	112.8

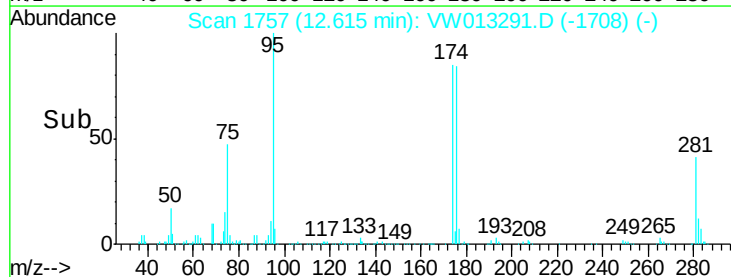
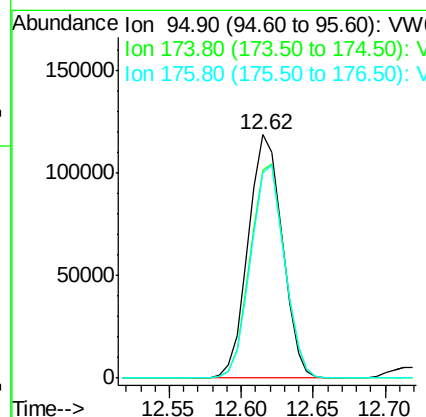
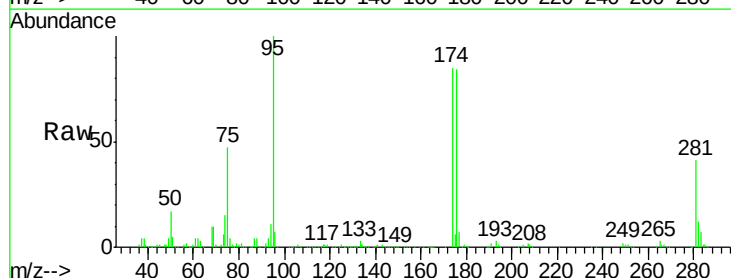
Manual Integrations
 APPROVED

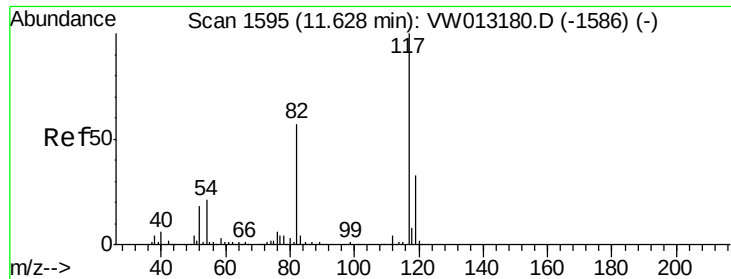
MMDadoda
 9/26/2019 3:33:12 PM



#62
 4-Bromofluorobenzene
 Concen: 52.550 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	178.4
176	86.5	0.0	172.2





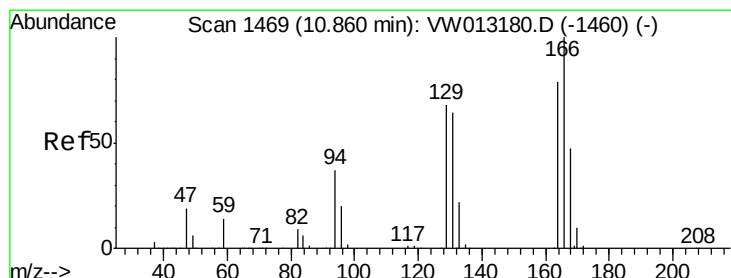
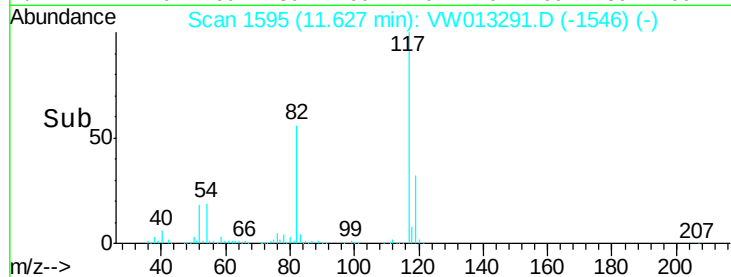
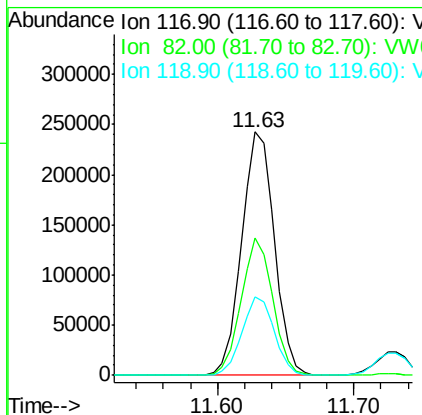
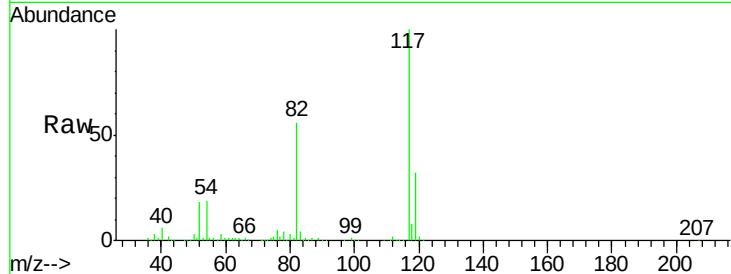
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.9	68.9
119	32.1	26.2	39.2

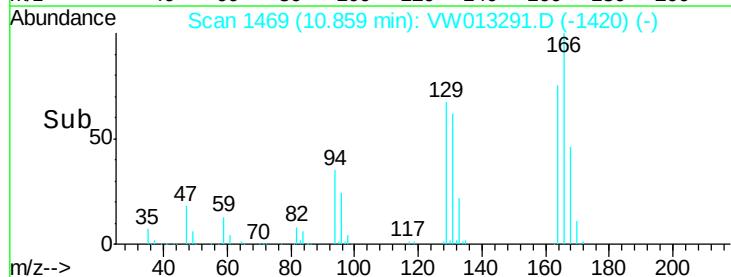
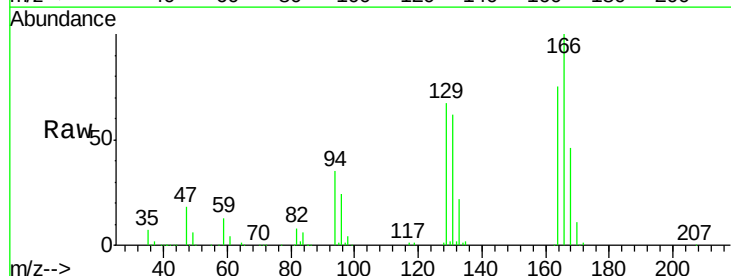
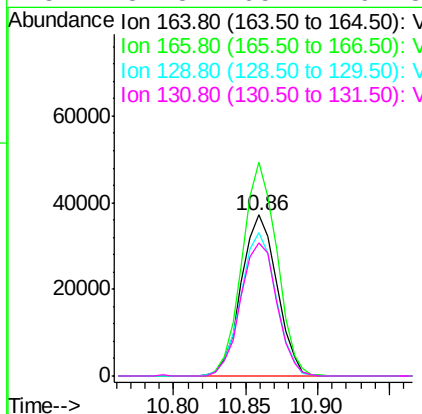
Manual Integrations
APPROVED

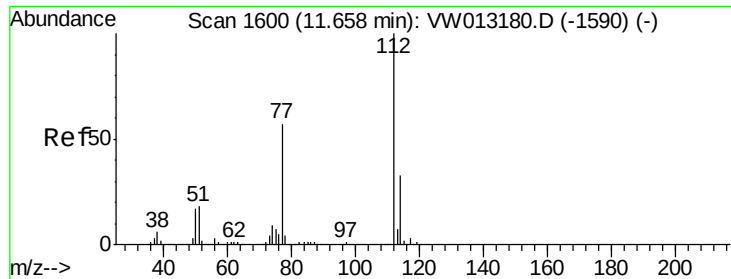
MMDadoda
9/26/2019 3:33:12 PM



#64
Tetrachloroethene
Concen: 20.650 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.8	101.2	151.8
129	89.5	68.8	103.2
131	82.8	65.2	97.8





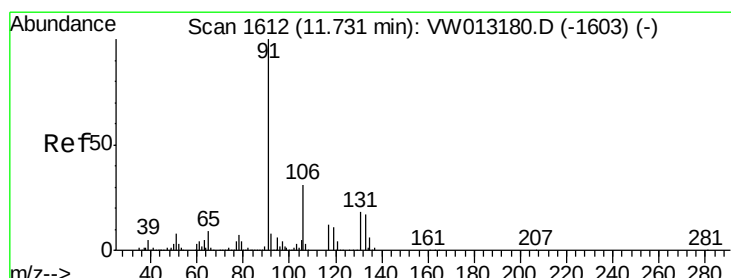
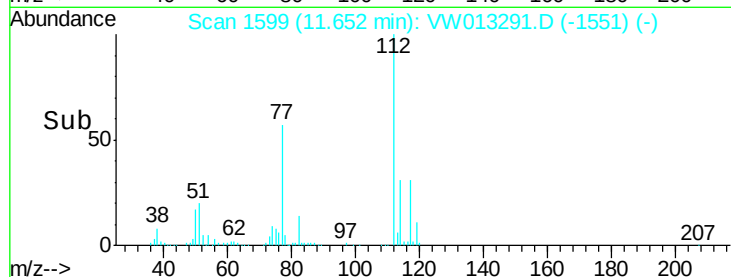
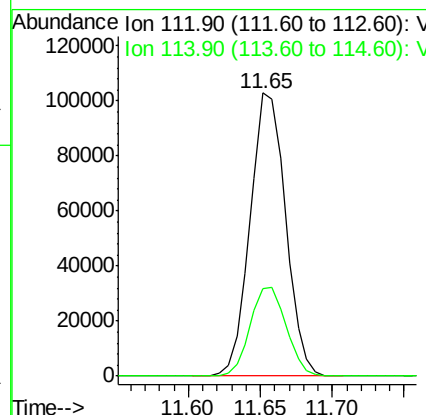
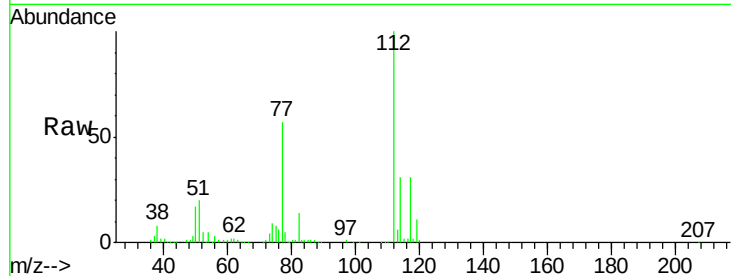
#65
Chlorobenzene
Concen: 20.559 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	26.5	39.7

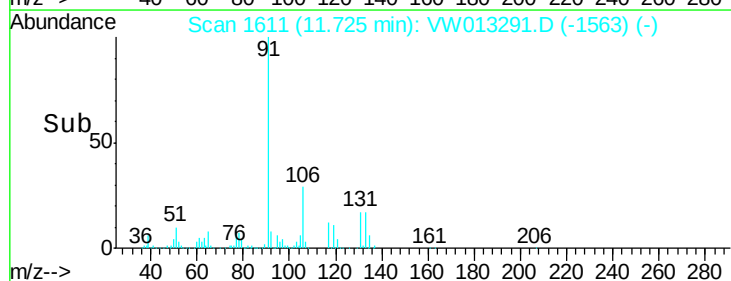
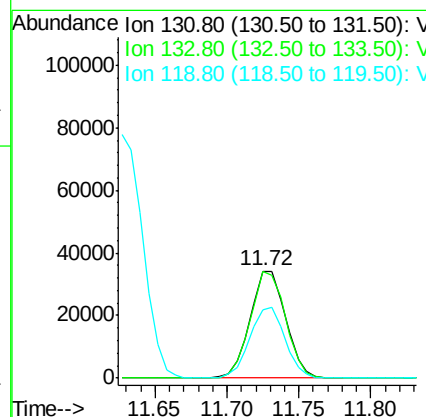
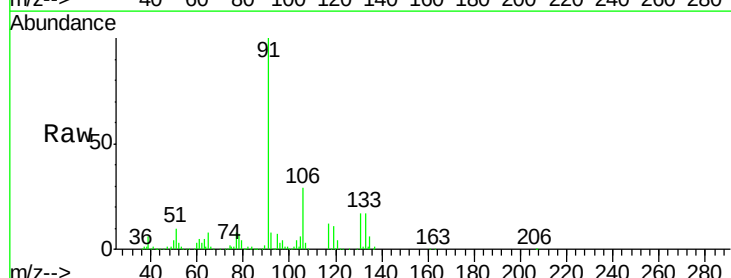
Manual Integrations
APPROVED

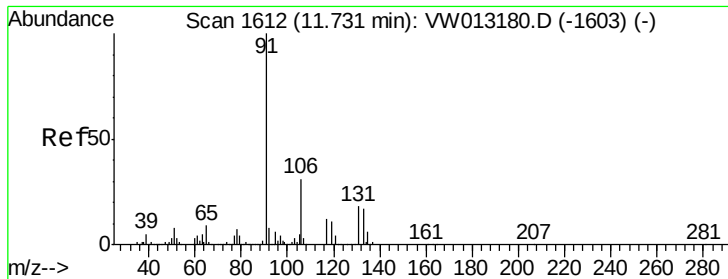
MMDadoda
9/26/2019 3:33:12 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.150 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.1	47.5	142.6
119	65.6	32.5	97.5





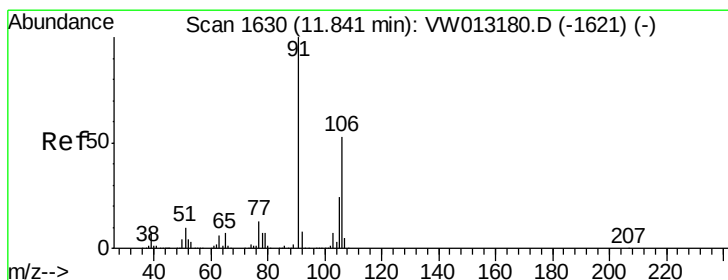
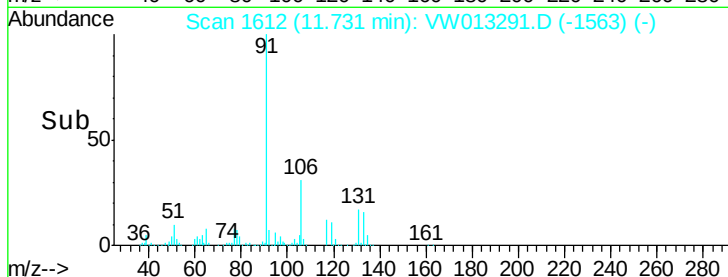
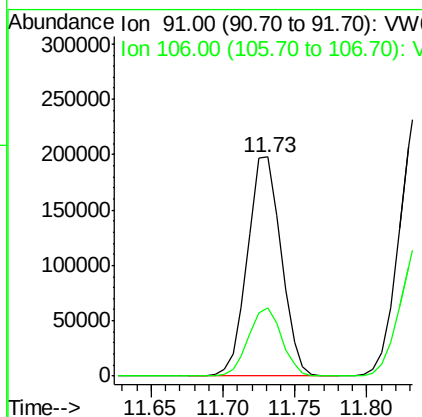
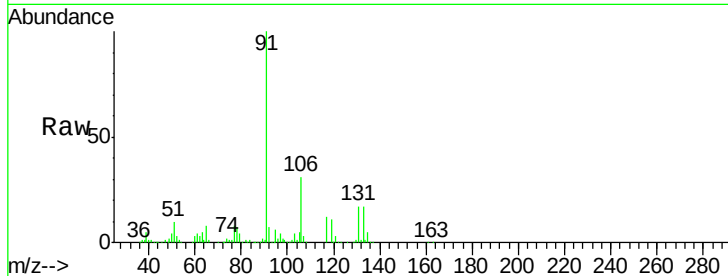
#67
Ethyl Benzene
Concen: 20.834 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	31.1	24.9	37.3	

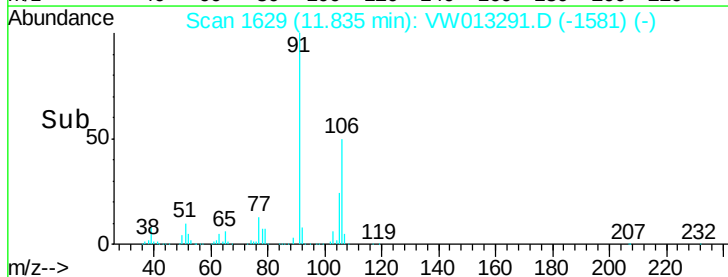
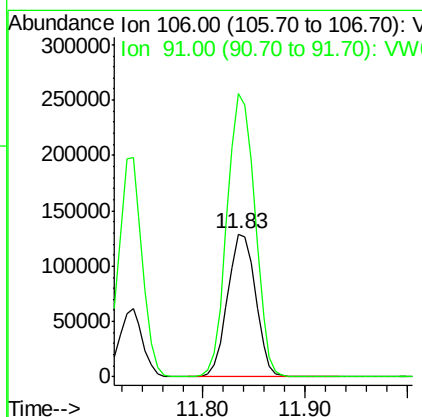
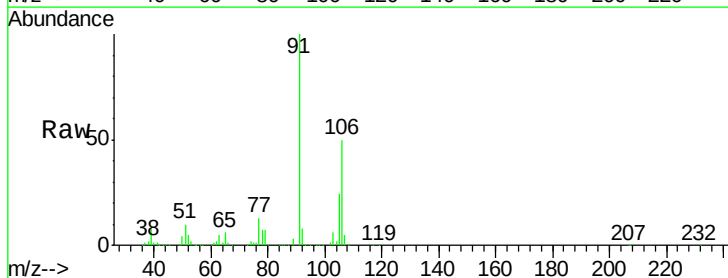
Manual Integrations
APPROVED

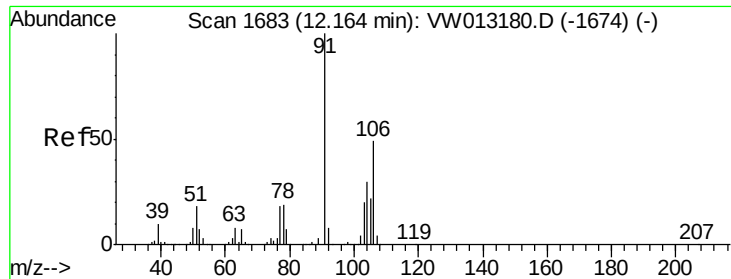
MMDadoda
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#68
m/p-Xylenes
Concen: 41.476 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	198.8	157.9	236.9	





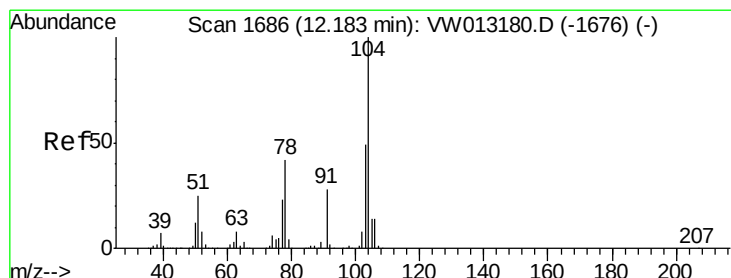
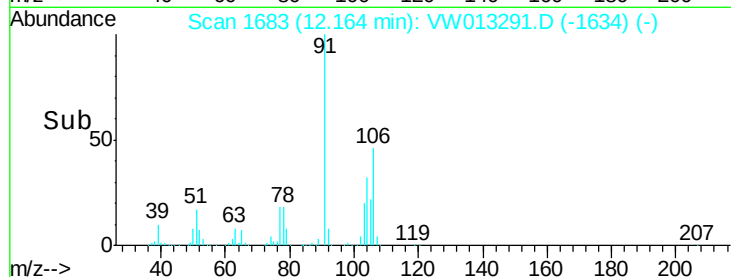
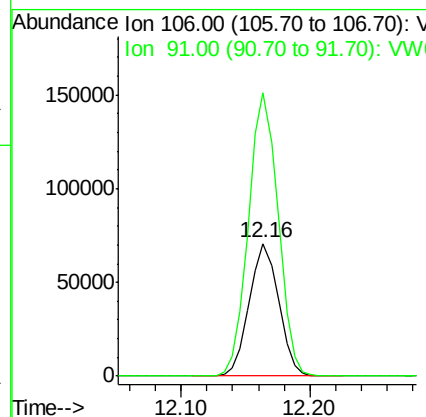
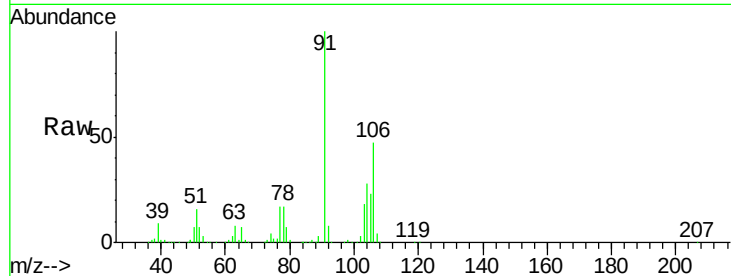
#69
o-Xylene
Concen: 20.432 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	111699		
91	214.3	106.5	319.5	

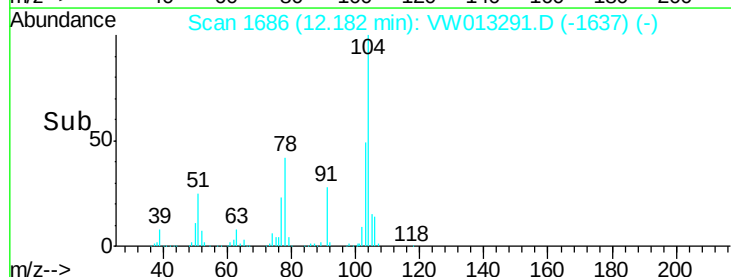
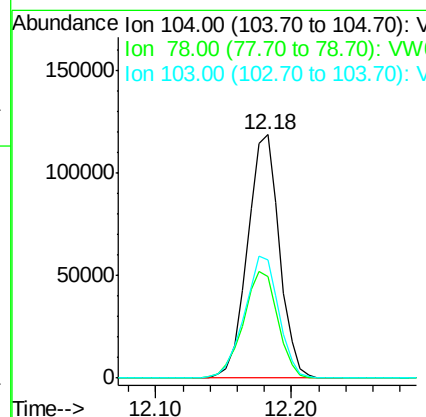
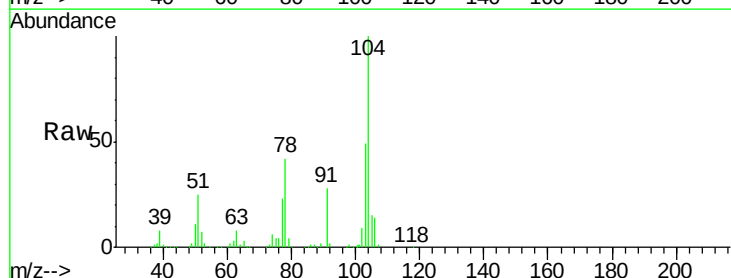
Manual Integrations
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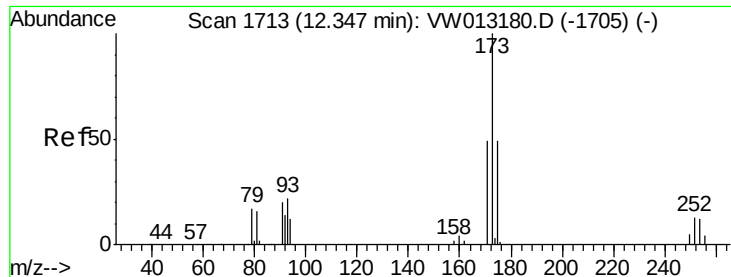
MMDadoda
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#70
Styrene
Concen: 20.819 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	195398		
78	47.4	38.4	57.6	
103	53.9	43.3	64.9	





#71

Bromoform

Concen: 21.317 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion:173 Resp: 32767

Ion Ratio Lower Upper

173 100

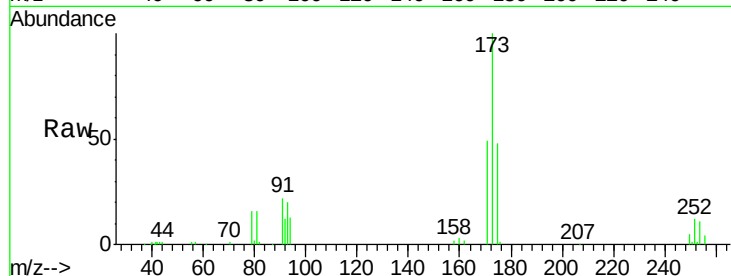
175 47.3 24.3 73.0

254 0.0 0.1 0.1#

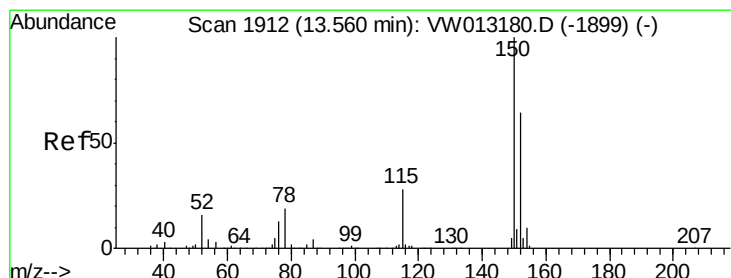
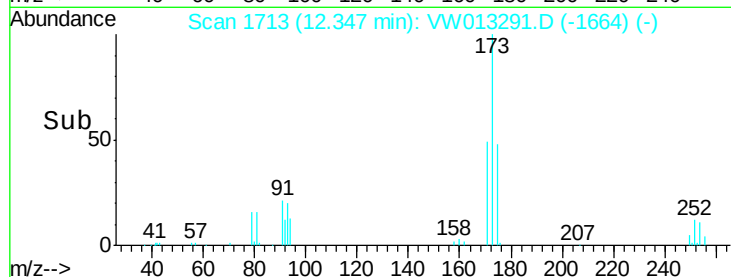
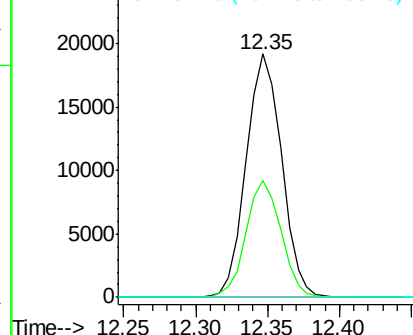
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

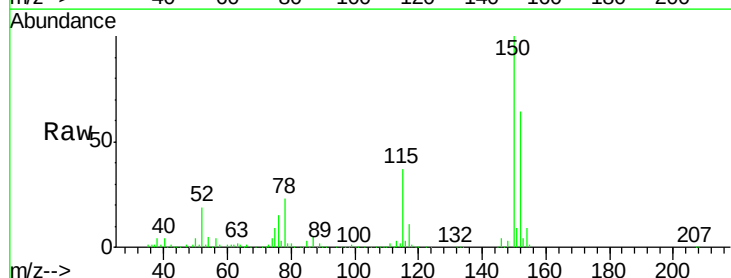
Tgt Ion:152 Resp: 209386

Ion Ratio Lower Upper

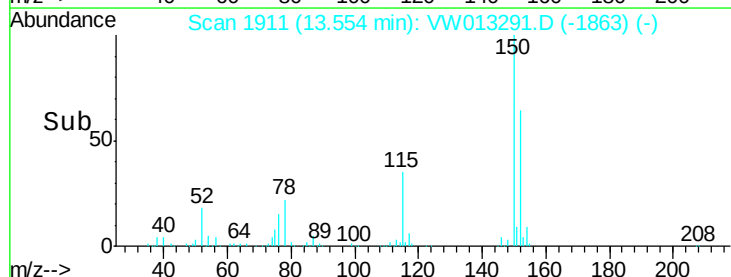
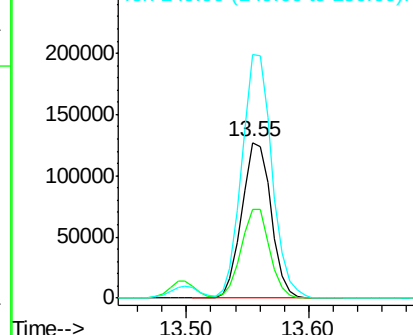
152 100

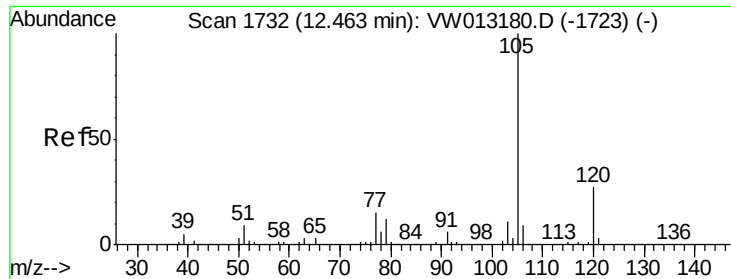
115 55.8 27.3 81.9

150 162.1 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





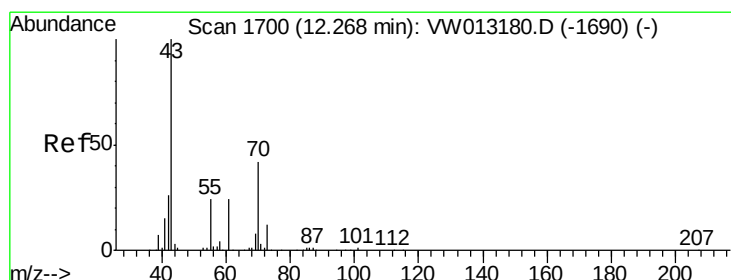
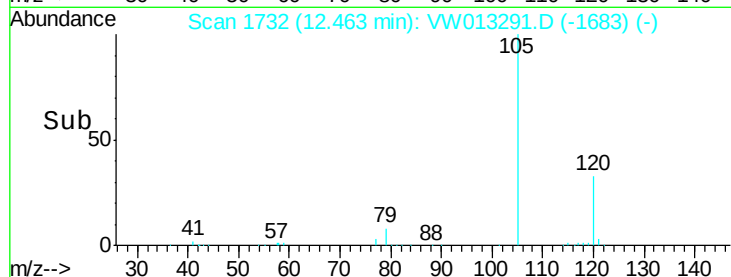
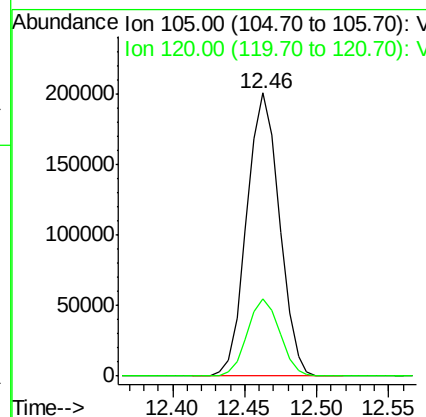
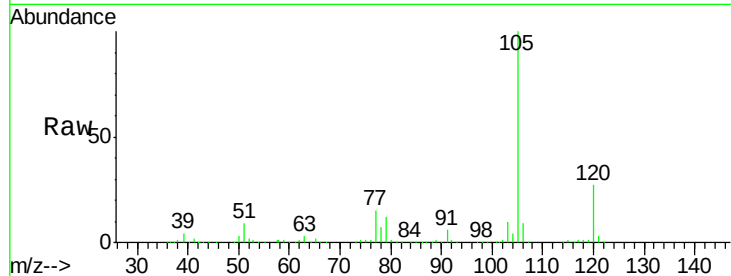
#73
Isopropylbenzene
Concen: 20.374 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion:105 Resp: 315129
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1

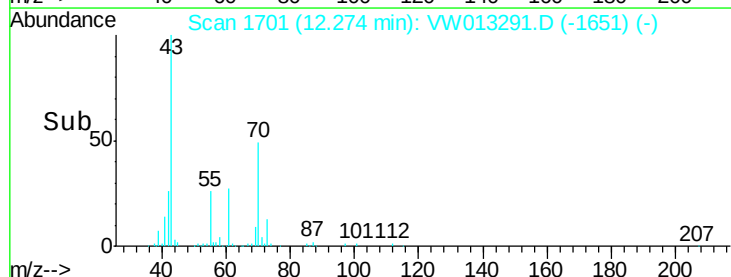
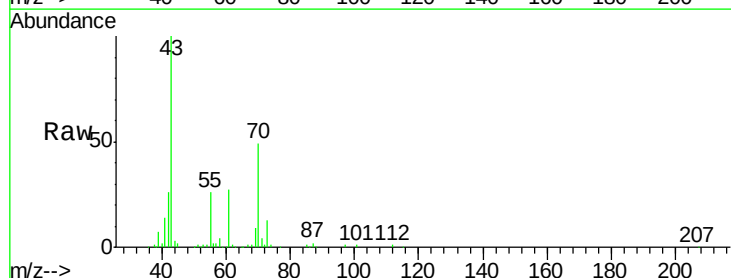
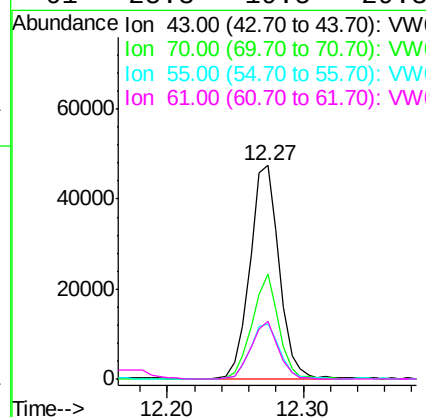
Manual Integrations
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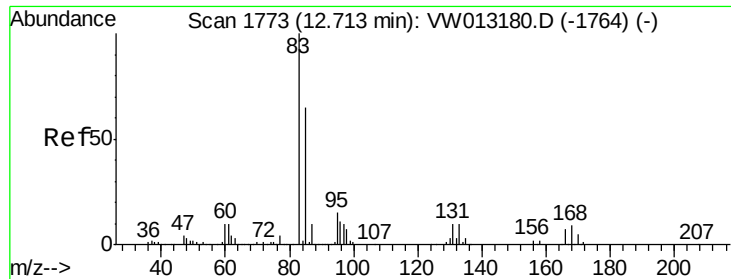
MMDadoda
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#74
N-ethyl acetate
Concen: 20.915 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion: 43 Resp: 71784
Ion Ratio Lower Upper
43 100
70 44.6 35.1 52.7
55 26.1 19.9 29.9
61 25.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.780 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

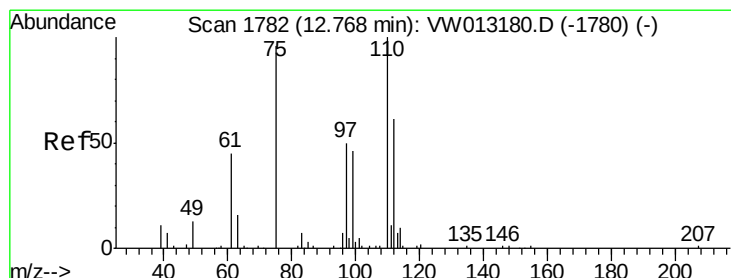
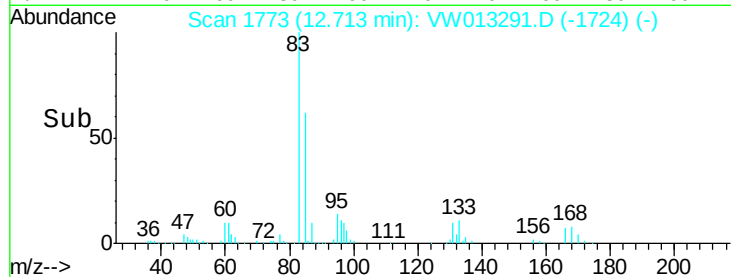
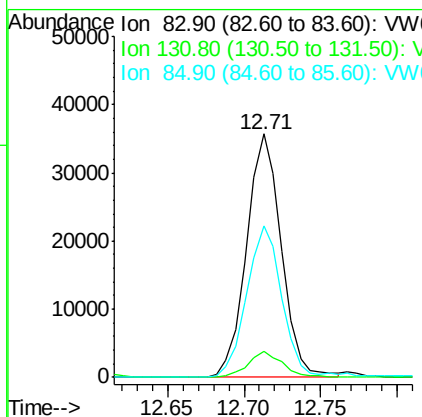
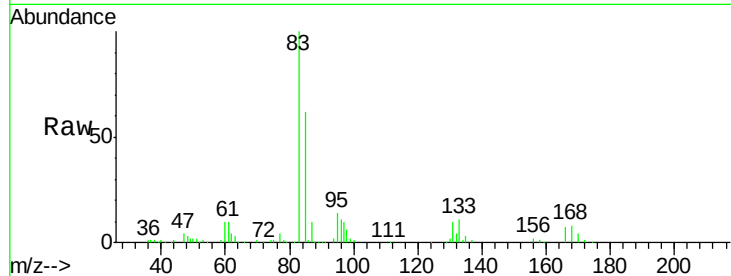
ClientSampleId :

VW0925SBS01

Tot Ion:	83	Resp:	56340
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	62.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.905 ug/l m

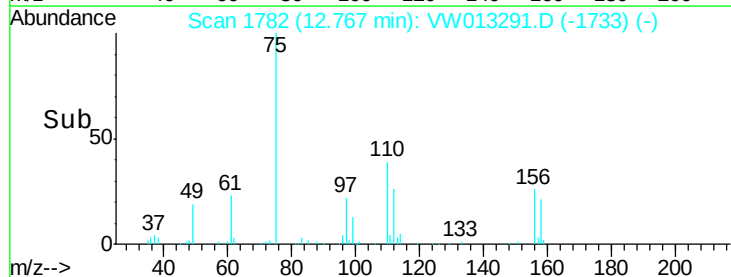
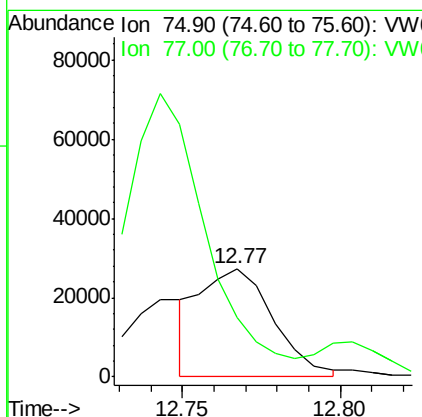
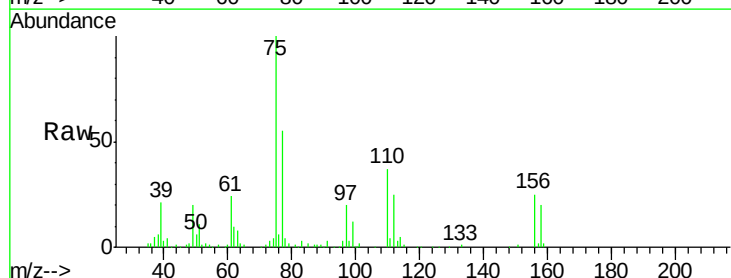
RT: 12.77 min Scan# 1782

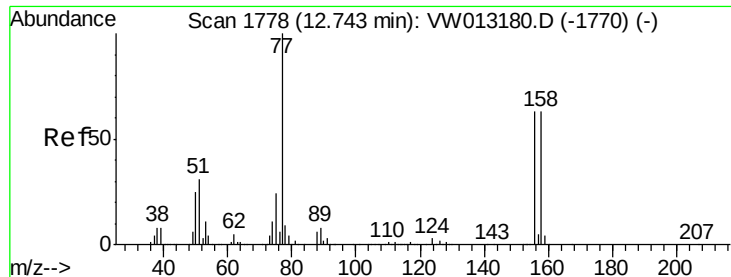
Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion:	75	Resp:	44204
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.196 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

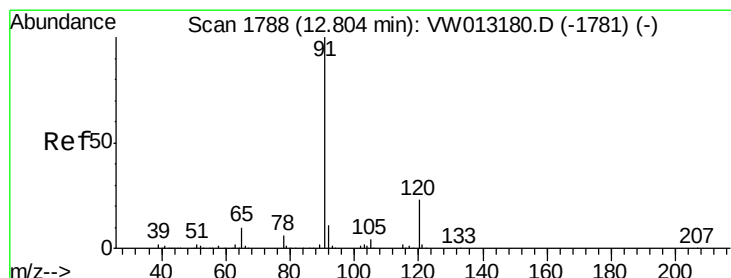
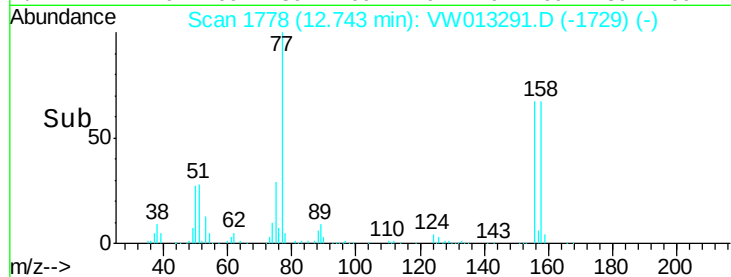
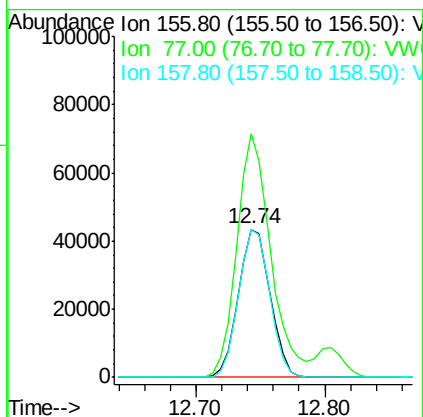
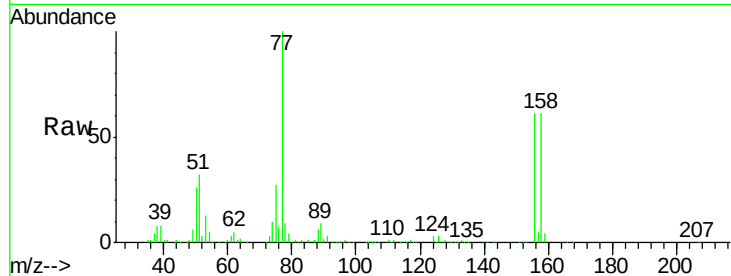
ClientSampleId :

VW0925SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	176.2	85.7	257.1
158	98.0	48.1	144.4

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#78

n-propylbenzene

Concen: 20.652 ug/l

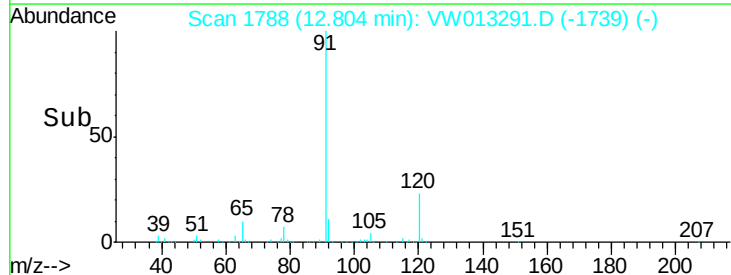
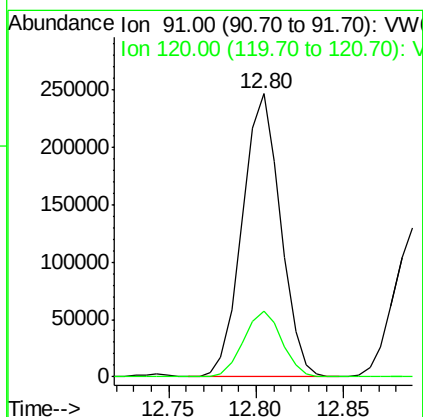
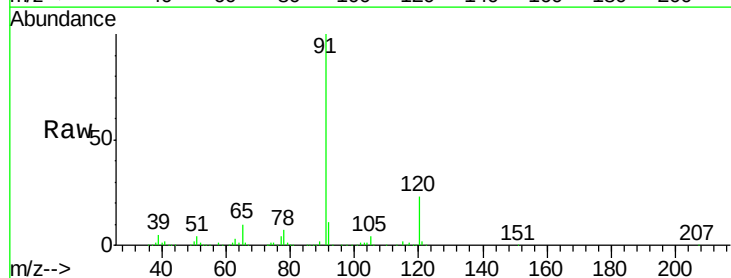
RT: 12.80 min Scan# 1788

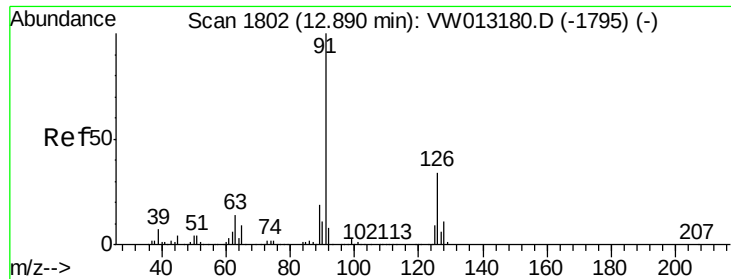
Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.345 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion: 91 Resp: 206367

Ion Ratio Lower Upper

91 100

126 34.3

17.2

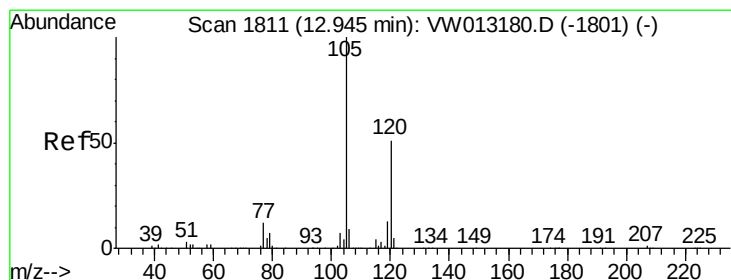
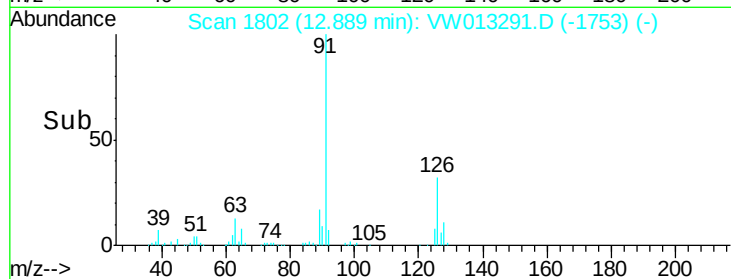
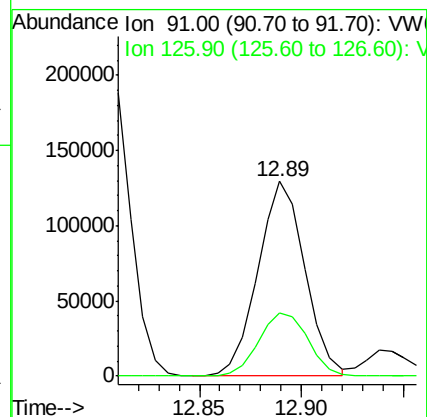
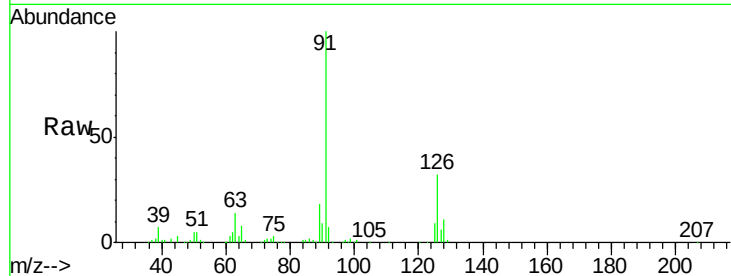
51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.460 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion: 105 Resp: 266023

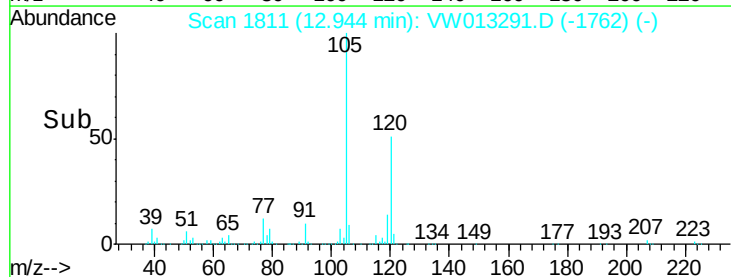
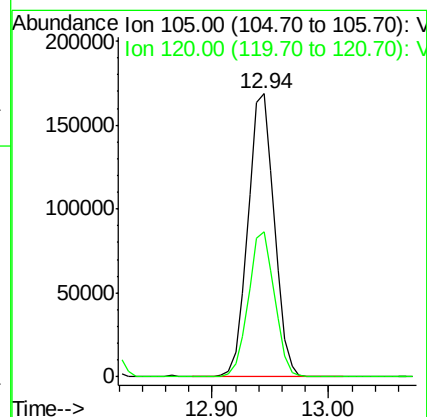
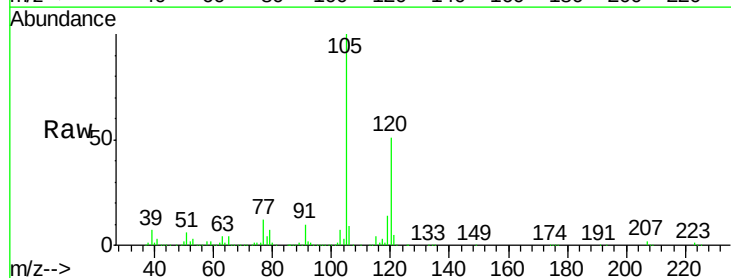
Ion Ratio Lower Upper

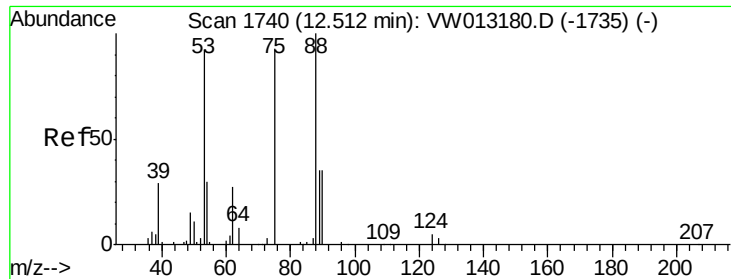
105 100

120 50.9

24.9

74.8





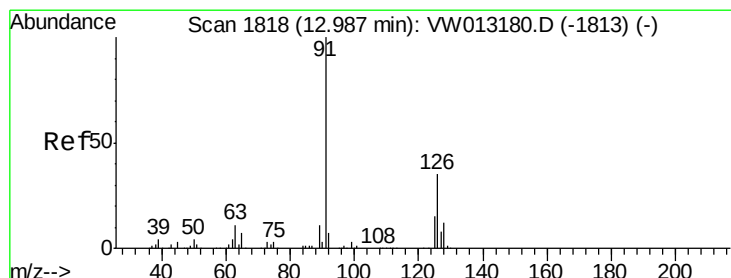
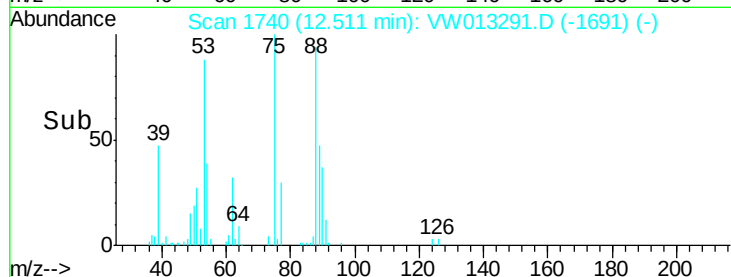
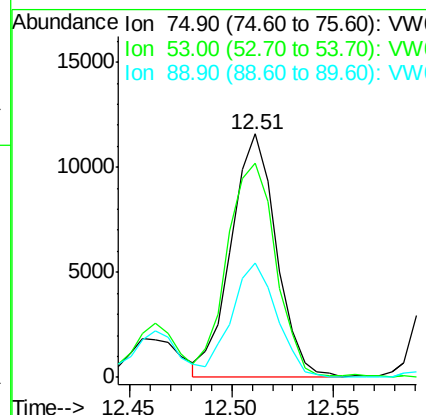
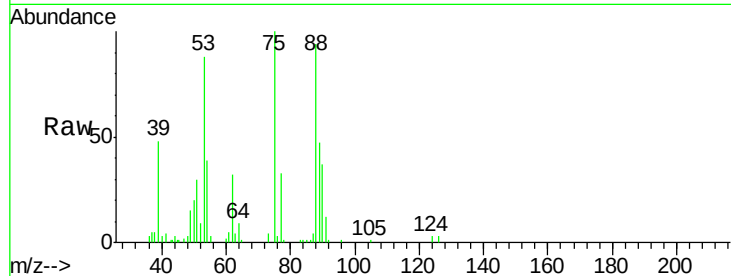
#81
trans-1,4-Dichloro-2-butene
Concen: 21.676 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampled :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.8	76.6	114.8
89	46.8	33.5	50.3

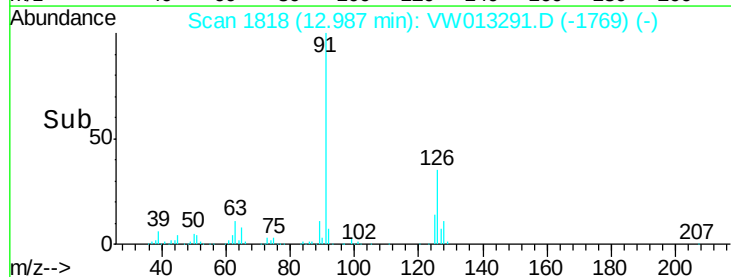
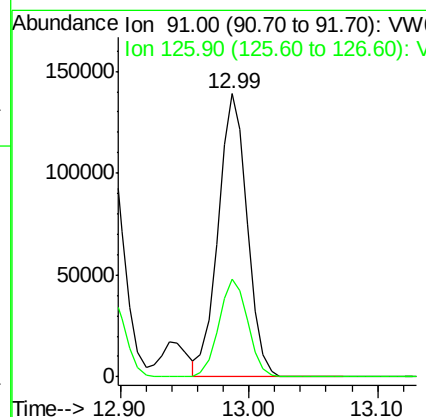
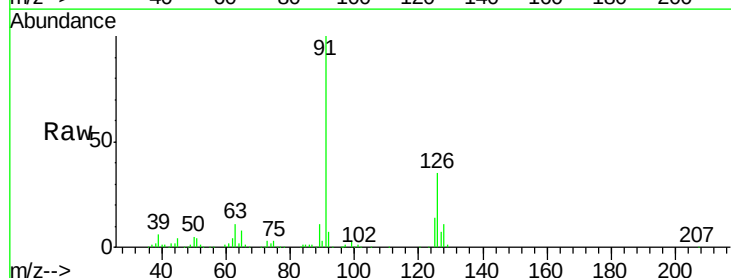
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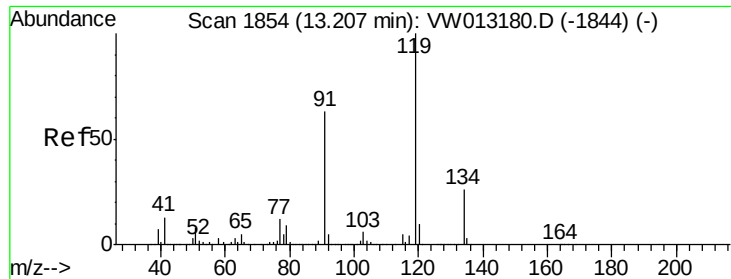
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.480 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	51.7





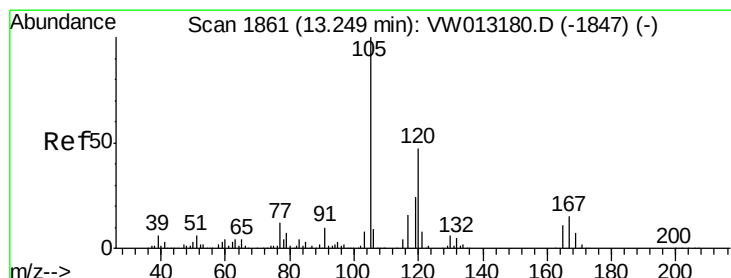
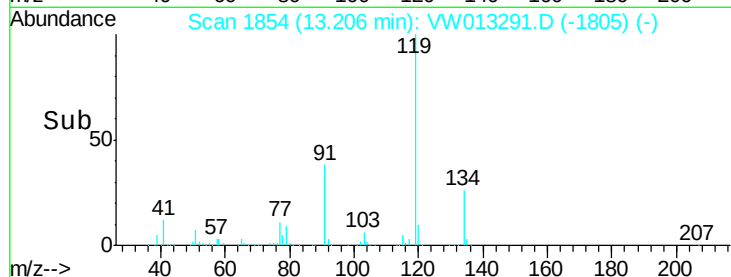
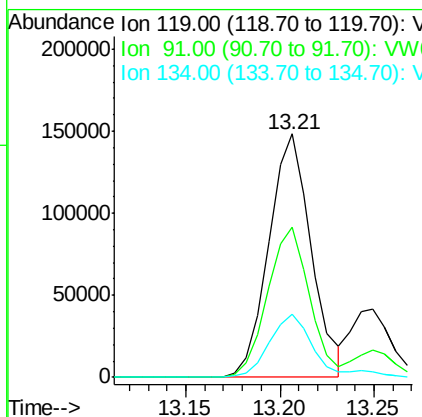
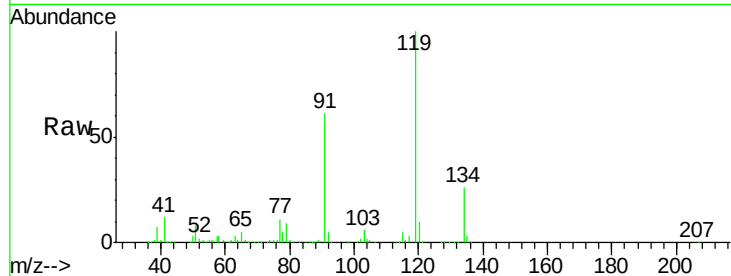
#83
tert-Butylbenzene
Concen: 20.317 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	30.7	92.1
134	25.8	12.6	37.6

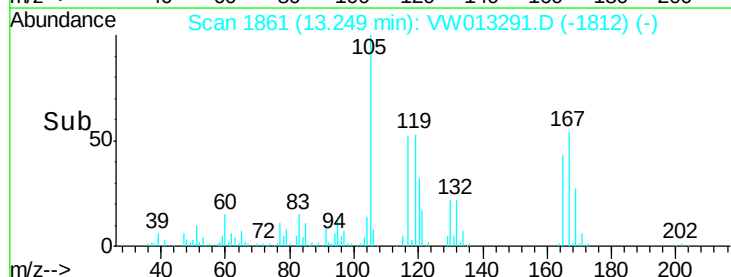
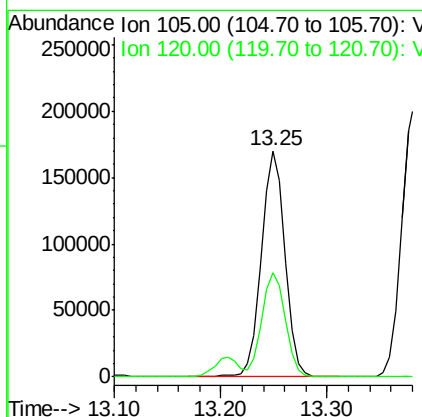
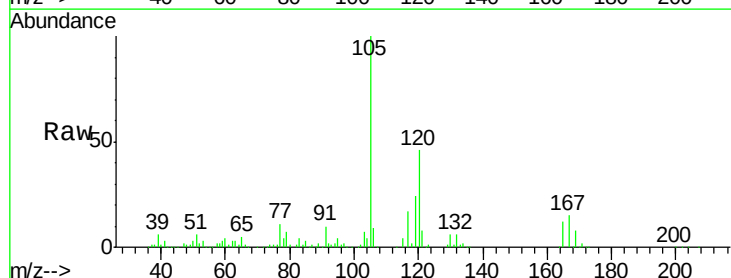
Manual Integrations
APPROVED

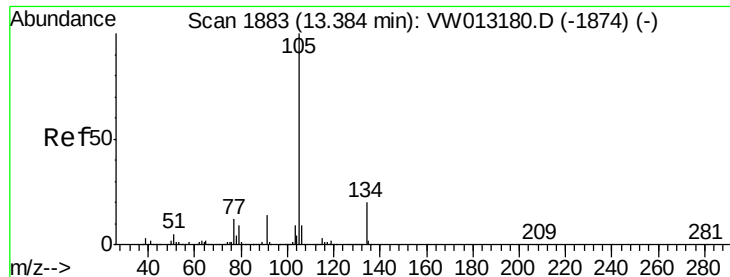
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#84
1,2,4-Trimethylbenzene
Concen: 20.394 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.590 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS01

Tot Ion:105 Resp: 323955

Ion Ratio Lower Upper

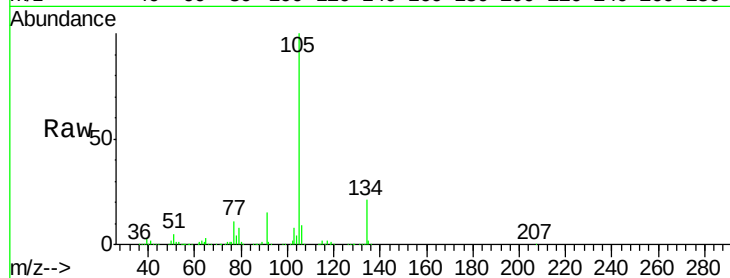
105 100

134 20.4 10.3 30.8

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

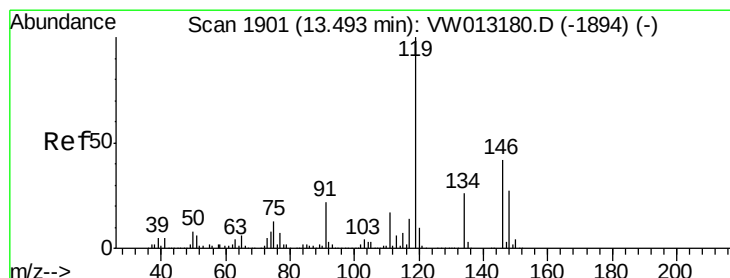
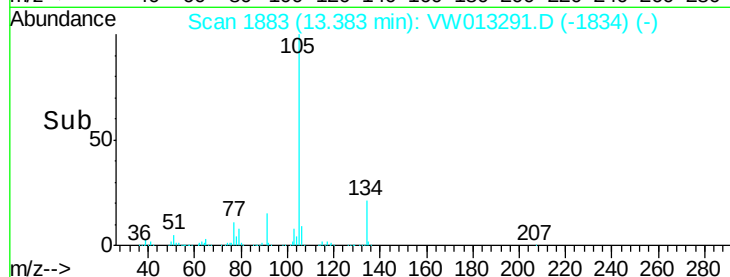
0

13.30

13.40

13.50

Time-->



#86

p-Isopropyltoluene

Concen: 20.788 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

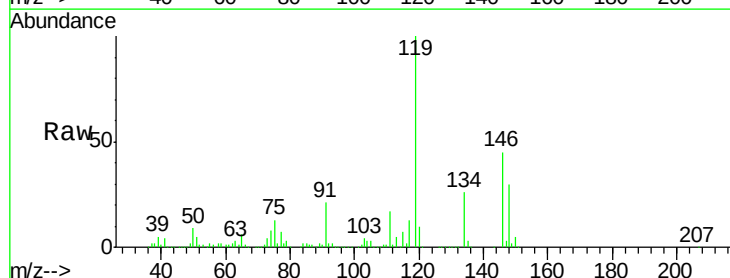
Tgt Ion:119 Resp: 303354

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 21.9 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

50000

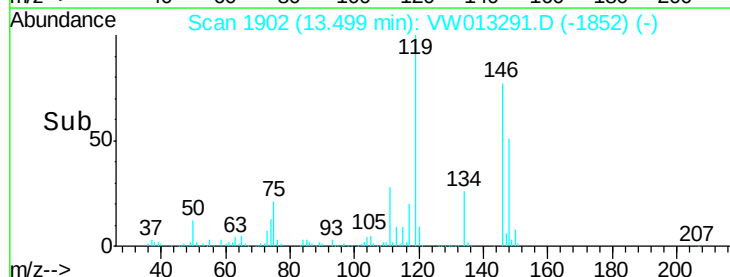
0

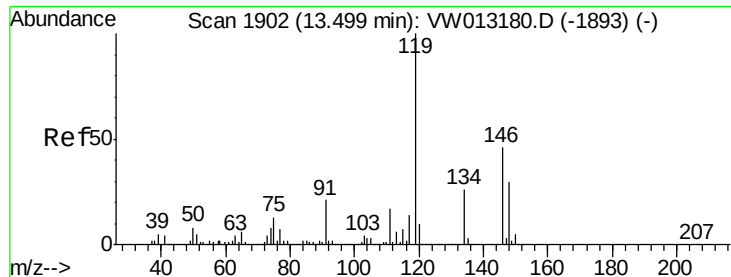
13.45

13.50

13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.506 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

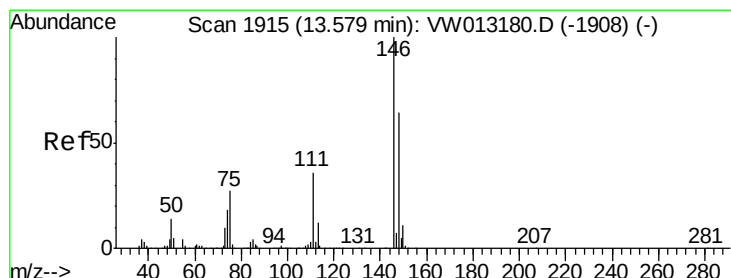
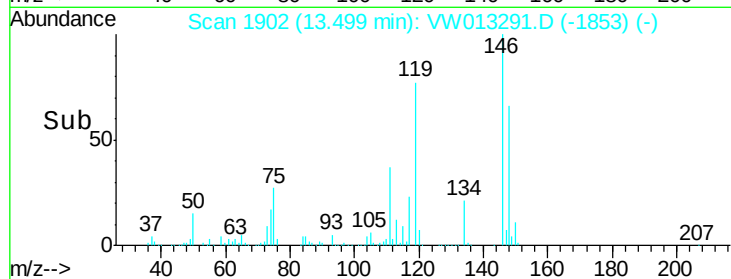
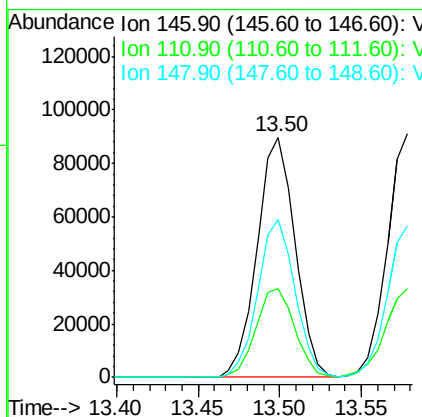
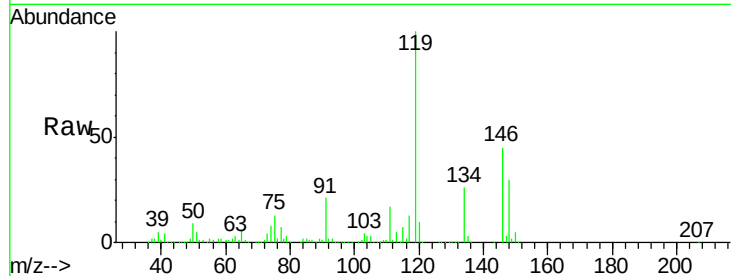
Instrument :
MSVOA_W

ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	64.6	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.761 ug/l

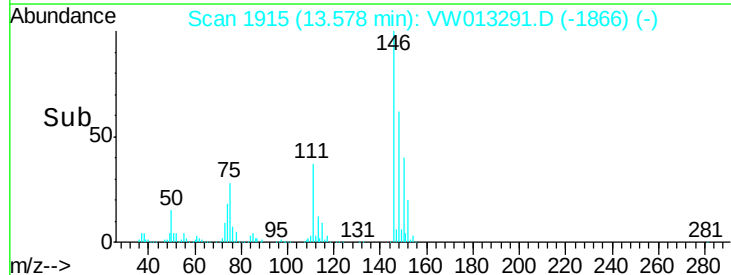
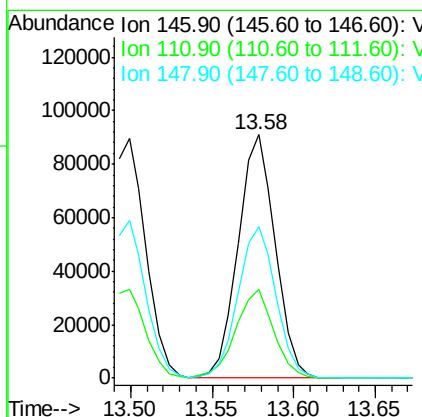
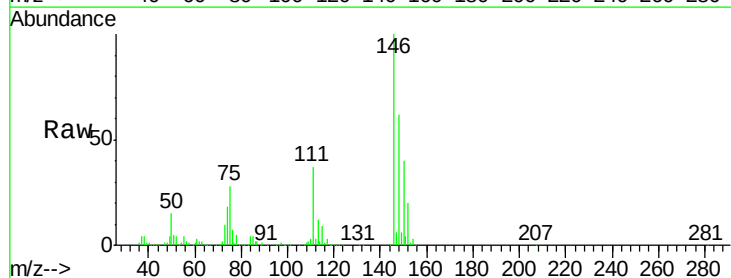
RT: 13.58 min Scan# 1915

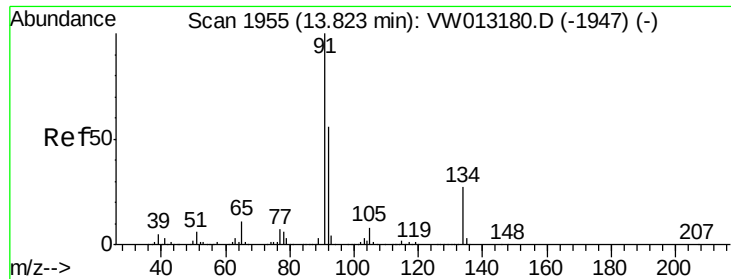
Delta R.T. -0.00 min

Lab File: VW013291.D

Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	63.9	32.1	96.3





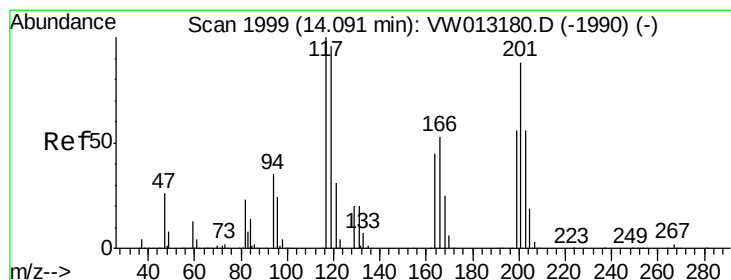
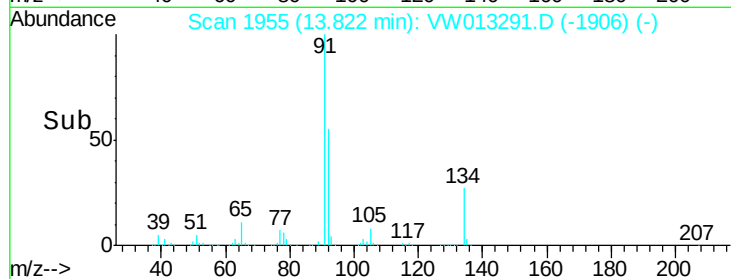
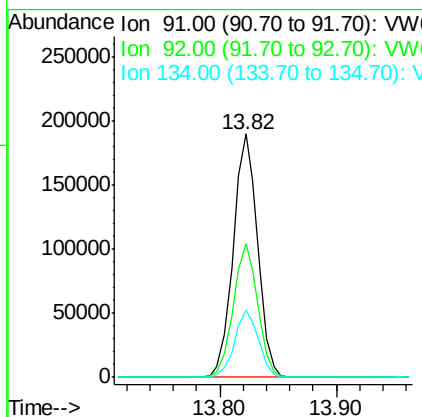
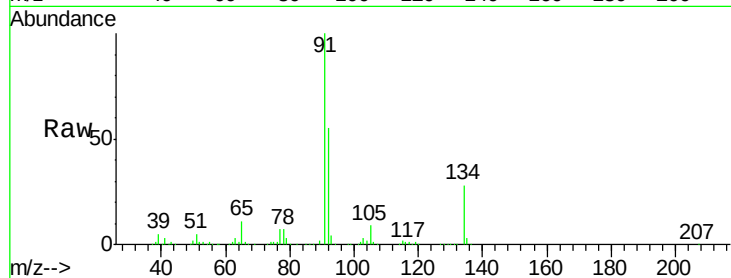
#89
n-Butylbenzene
Concen: 20.720 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	276088		
92	55.1		27.6	82.8
134	27.3		13.7	41.1

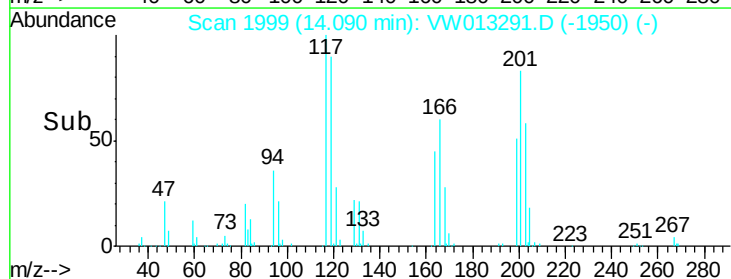
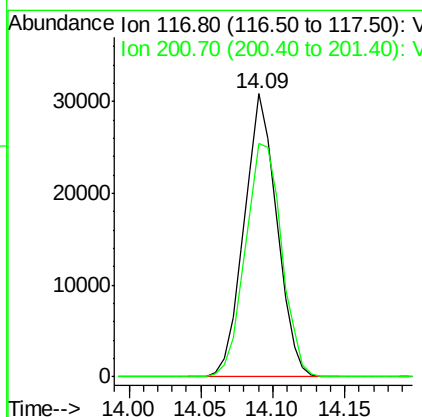
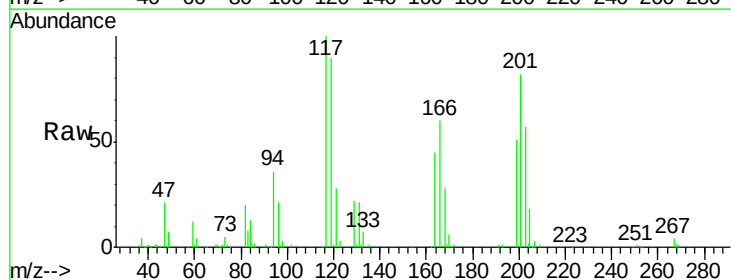
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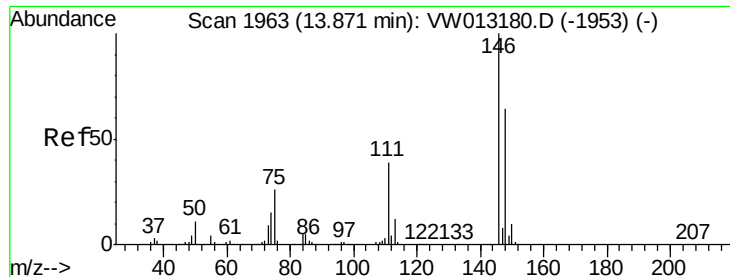
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#90
Hexachloroethane
Concen: 19.772 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	48472		
201	91.0		44.5	133.5





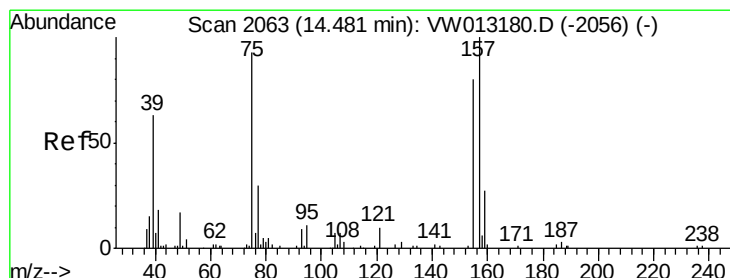
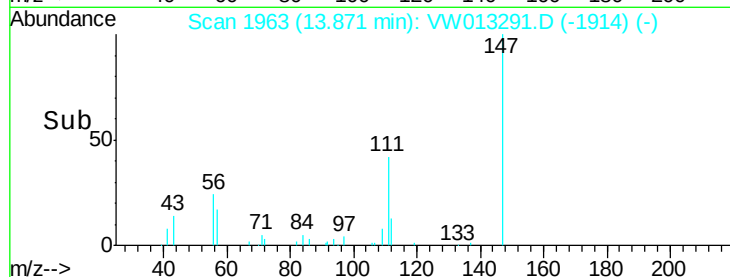
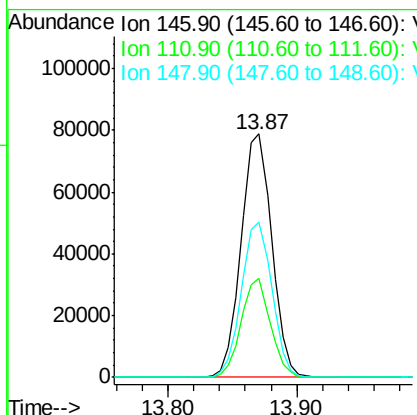
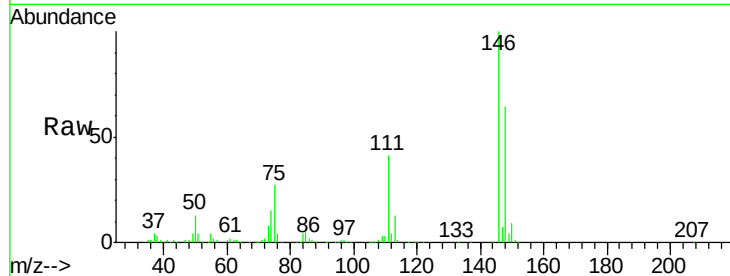
#91
 1,2-Dichlorobenzene
 Concen: 21.281 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129875		
111	38.6	20.1	60.3	
148	63.5	32.0	96.0	

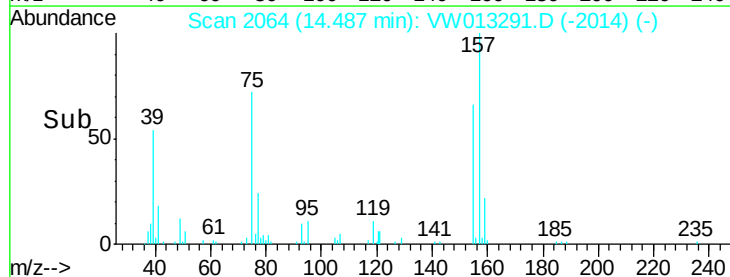
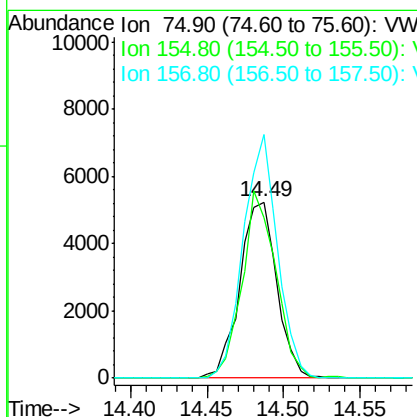
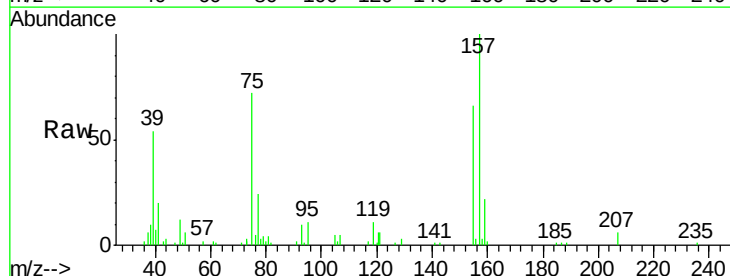
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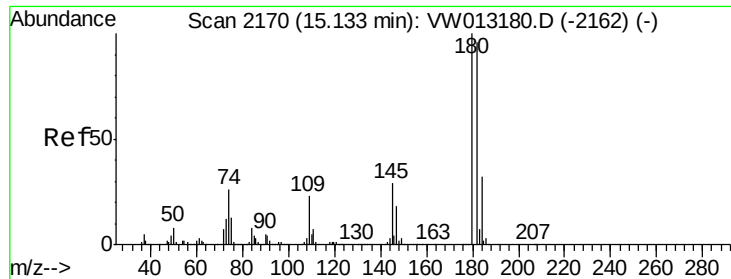
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.248 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8803		
155	96.9	46.1	138.3	
157	126.9	60.4	181.2	





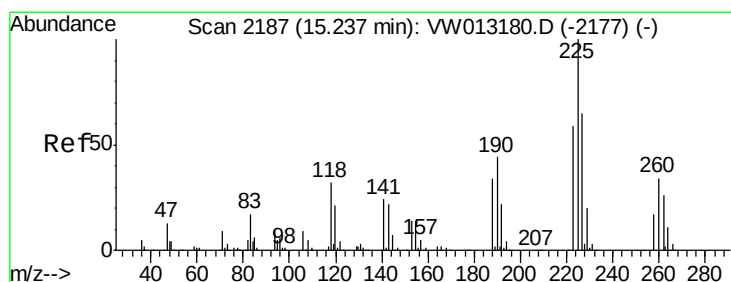
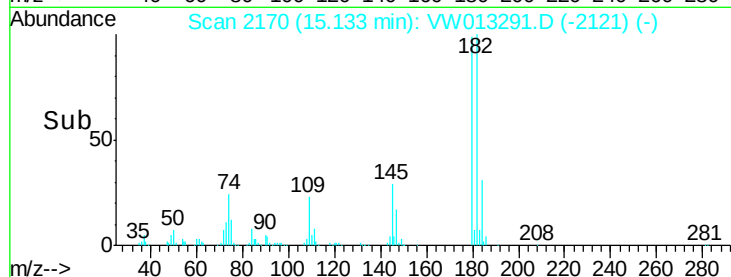
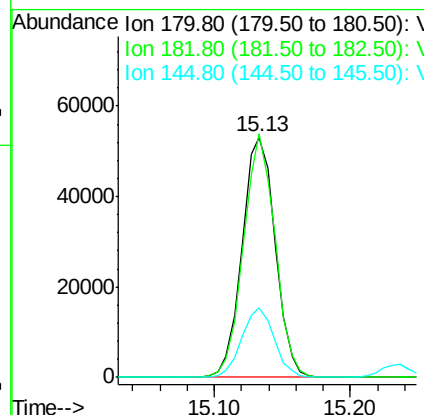
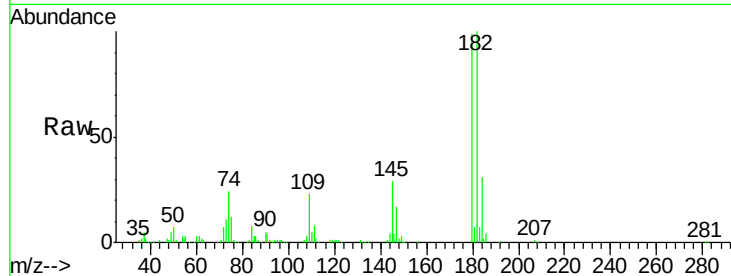
#93
 1,2,4-Trichlorobenzene
 Concen: 20.597 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.9	47.3	142.0	
145	28.5	14.2	42.8	

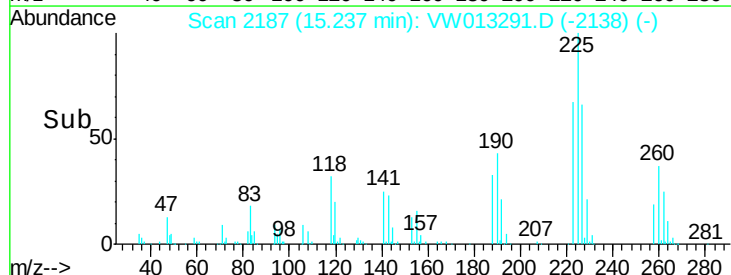
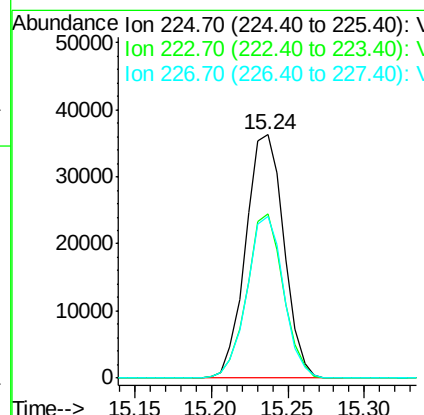
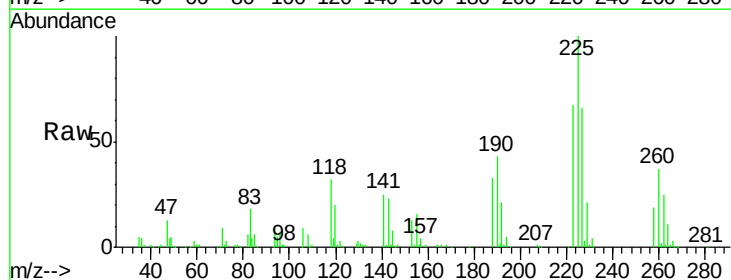
Manual Integrations
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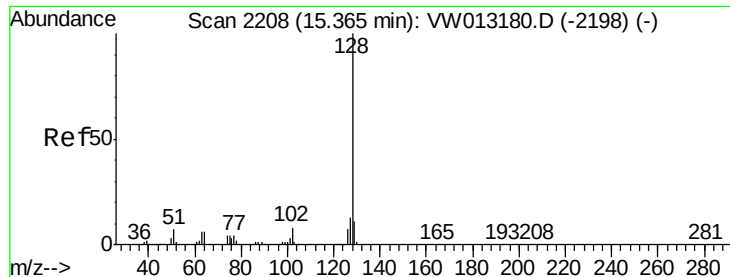
MMDadoda
 9/26/2019 3:33:12 PM



#94
 Hexachlorobutadiene
 Concen: 21.006 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013291.D
 Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	30.6	91.8	
227	64.0	31.9	95.9	





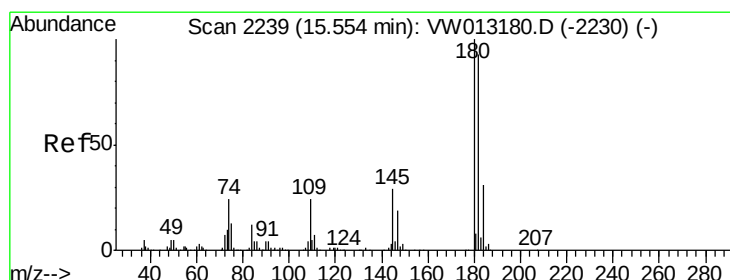
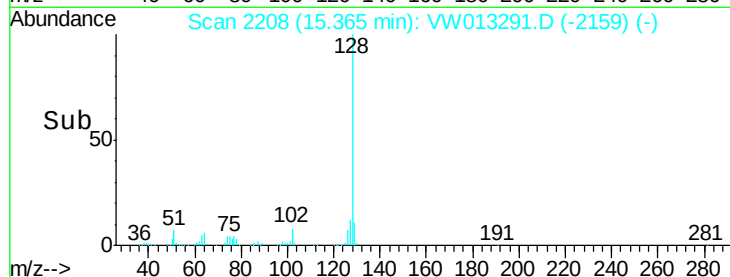
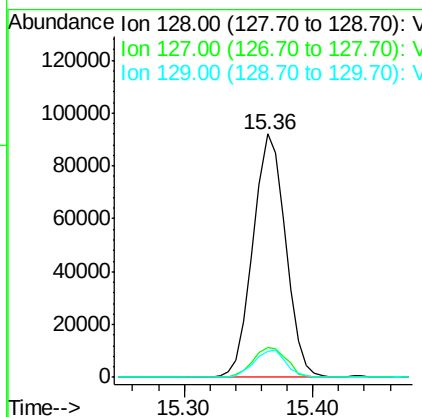
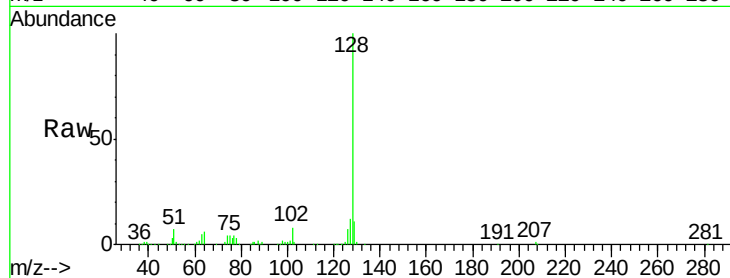
#95
Naphthalene
Concen: 22.522 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	161086		
127	12.8	10.6	15.8	
129	11.1	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/26/2019 3:33:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.080 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013291.D
Acq: 25 Sep 2019 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	79657		
182	95.0	47.9	143.7	
145	29.4	15.0	45.0	

