

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100319\
 Data File : VW013415.D
 Acq On : 03 Oct 2019 13:35
 Operator : SY/VA
 Sample : VW1003SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:07:19 PM

Quant Time: Oct 04 08:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	127229	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	122931	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	10.32	98	521895	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.62	95	173482	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19864	16.805	ug/l	97
3) Chloromethane	2.21	50	40362	20.692	ug/l	93
4) Vinyl Chloride	2.35	62	59356	21.441	ug/l	100
5) Bromomethane	2.76	94	34068	20.031	ug/l	94
6) Chloroethane	2.92	64	30445	19.046	ug/l	99
7) Trichlorofluoromethane	3.25	101	27508	22.904	ug/l	98
8) Diethyl Ether	3.68	74	28139	20.242	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54480	20.460	ug/l	99
10) Methyl Iodide	4.26	142	85927	19.982	ug/l	99
11) Tert butyl alcohol	5.18	59	27461	135.970	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	56424	20.056	ug/l	96
13) Acrolein	3.89	56	26242	119.506	ug/l	98
14) Allyl chloride	4.66	41	86199	20.712	ug/l	99
15) Acrylonitrile	5.37	53	72524	115.409	ug/l	98
16) Acetone	4.12	43	65979	94.330	ug/l	99
17) Carbon Disulfide	4.38	76	155781	19.849	ug/l	99
18) Methyl Acetate	4.67	43	37801	23.090	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	88251	21.314	ug/l	97
20) Methylene Chloride	4.91	84	66117	21.627	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59956	20.012	ug/l	99
22) Diisopropyl ether	6.31	45	161869	20.140	ug/l	97
23) Vinyl Acetate	6.25	43	520190	107.864	ug/l	98
24) 1,1-Dichloroethane	6.21	63	98898	20.202	ug/l	97
25) 2-Butanone	7.16	43	98276	109.805	ug/l	96
26) 2,2-Dichloropropane	7.16	77	62203	20.999	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	62433	19.909	ug/l	98
28) Bromochloromethane	7.51	49	33247	18.784	ug/l #	100
29) Tetrahydrofuran	7.52	42	61291	122.867	ug/l	99
30) Chloroform	7.67	83	95054	19.802	ug/l	98
31) Cyclohexane	7.95	56	105871	20.279	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	79435	21.123	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85652	21.010	ug/l	99
37) Ethyl Acetate	7.25	43	40775	22.744	ug/l #	95
38) Carbon Tetrachloride	8.07	117	75173	21.287	ug/l	100

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Manual Integrations
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Quant Time: Oct 04 08:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109129	20.326	ug/l	99
40) Benzene	8.32	78	235902	20.441	ug/l	98
41) Methacrylonitrile	7.48	41	24241	22.345	ug/l	94
42) 1,2-Dichloroethane	8.40	62	62727	21.148	ug/l	98
43) Isopropyl Acetate	8.42	43	74084	21.877	ug/l	99
44) Trichloroethene	9.09	130	67276	20.701	ug/l	99
45) 1,2-Dichloropropane	9.37	63	55546	20.047	ug/l	97
46) Dibromomethane	9.46	93	28889	20.932	ug/l	98
47) Bromodichloromethane	9.65	83	67743	19.939	ug/l	95
48) Methyl methacrylate	9.43	41	37706	23.174	ug/l	93
49) 1,4-Dioxane	9.46	88	10787	496.323	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	202157	113.624	ug/l	99
52) Toluene	10.39	92	150319	20.194	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	70761	20.023	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	85497	19.954	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43145	20.956	ug/l	98
56) Ethyl methacrylate	10.65	69	57875	20.885	ug/l	99
57) 1,3-Dichloropropane	10.93	76	75550	21.108	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	134961	118.559	ug/l	99
59) 2-Hexanone	10.97	43	137306	111.341	ug/l	100
60) Dibromochloromethane	11.13	129	47989	20.375	ug/l	99
61) 1,2-Dibromoethane	11.23	107	41859	21.040	ug/l	98
64) Tetrachloroethene	10.86	164	58482	20.776	ug/l	94
65) Chlorobenzene	11.66	112	154316	20.358	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	53000	20.529	ug/l	99
67) Ethyl Benzene	11.73	91	285847	21.041	ug/l	98
68) m/p-Xylenes	11.84	106	217245	41.428	ug/l	98
69) o-Xylene	12.16	106	100837	20.798	ug/l	96
70) Styrene	12.18	104	170759	20.603	ug/l	99
71) Bromoform	12.35	173	31135	22.243	ug/l #	99
73) Isopropylbenzene	12.46	105	280404	20.059	ug/l	100
74) N-amyl acetate	12.27	43	62814	21.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	51630	21.822	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	41043m	24.165	ug/l	
77) Bromobenzene	12.74	156	66407	19.784	ug/l	100
78) n-propylbenzene	12.80	91	325361	20.234	ug/l	100
79) 2-Chlorotoluene	12.89	91	182612	20.447	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	233271	20.089	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16372	22.977	ug/l	98
82) 4-Chlorotoluene	12.99	91	189832	20.291	ug/l	99
83) tert-Butylbenzene	13.21	119	209613	20.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	231896	20.089	ug/l	99
85) sec-Butylbenzene	13.38	105	287341	20.548	ug/l	100
86) p-Isopropyltoluene	13.49	119	266409	20.557	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	126333	20.006	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125727	19.885	ug/l	99
89) n-Butylbenzene	13.82	91	240882	20.616	ug/l	100
90) Hexachloroethane	14.09	117	44105	20.599	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	112408	20.136	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8206	23.188	ug/l	90

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Instrument :
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ClientSampleId :
VW1003SBSD01

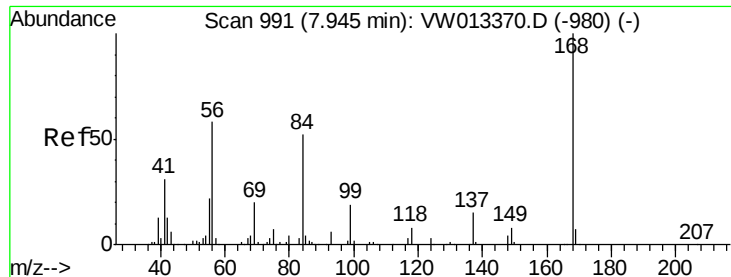
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	75817	18.925	ug/l	97
94) Hexachlorobutadiene	15.24	225	52911	20.331	ug/l	98
95) Naphthalene	15.37	128	138864	20.548	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	67402	19.270	ug/l	99

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



#1

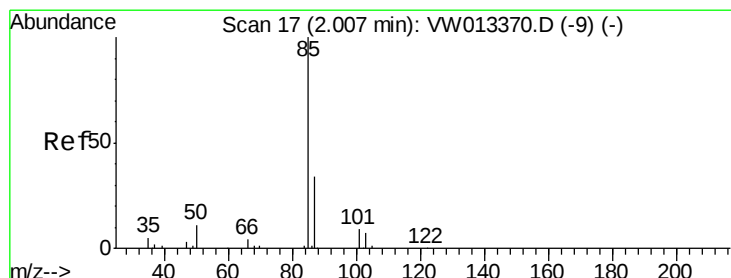
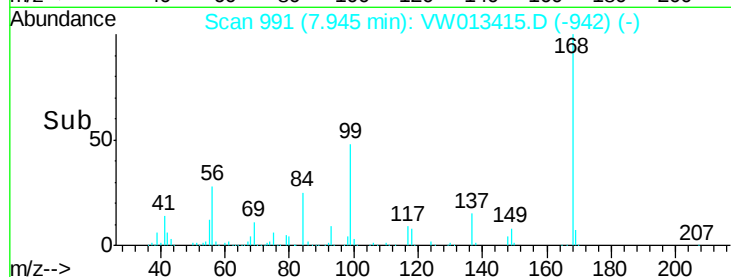
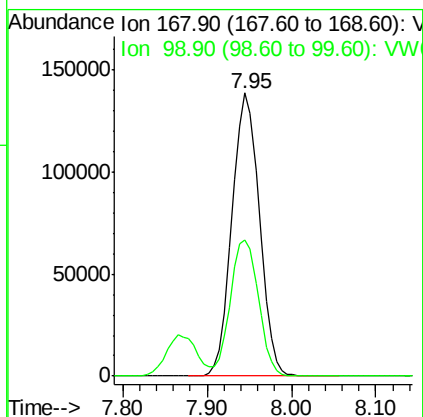
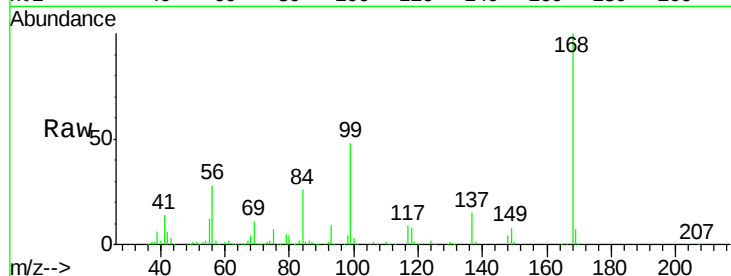
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	305612		
99	48.2		40.2	60.4

Manual Integrations
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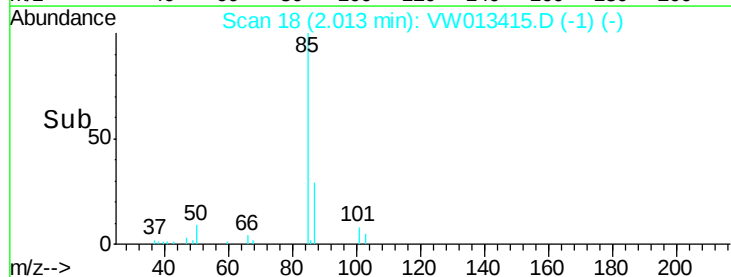
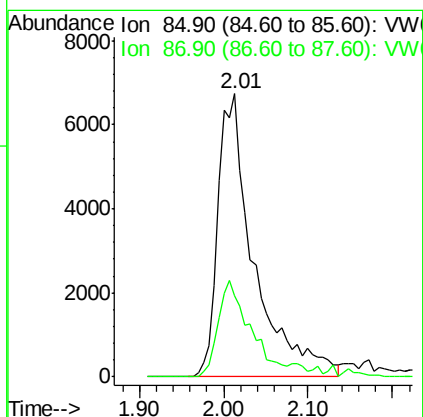
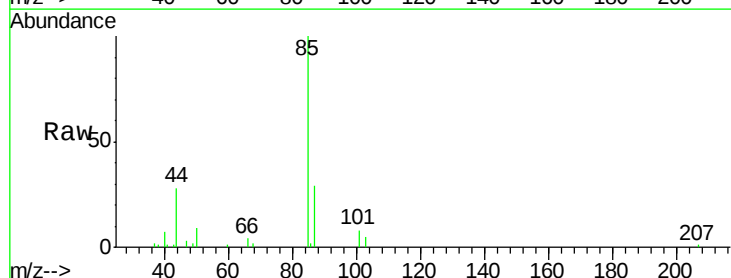
MMDadoda
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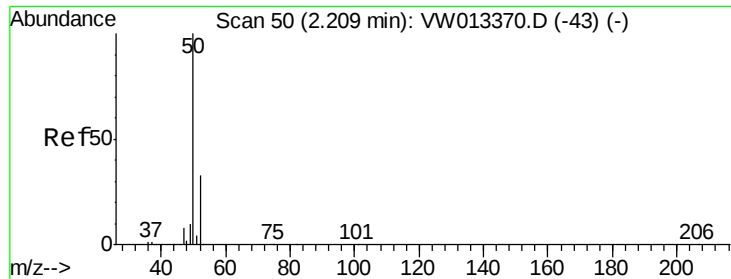


#2

Dichlorodifluoromethane
 Concen: 16.805 ug/l
 RT: 2.01 min Scan# 18
 Delta R.T. 0.01 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	19864		
87	28.8		15.1	45.3





#3

Chloromethane

Concen: 20.692 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

Tot Ion: 50 Resp: 40362

Ion Ratio Lower Upper

50 100

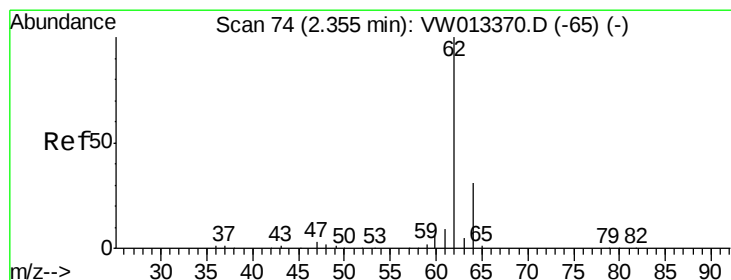
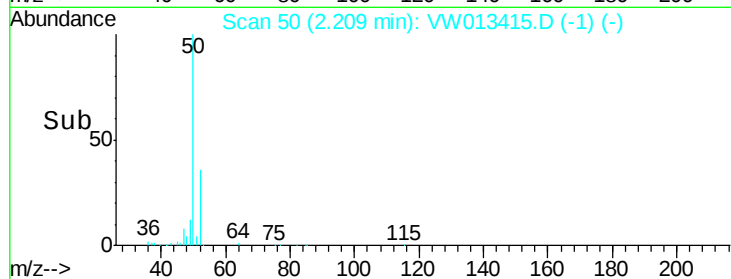
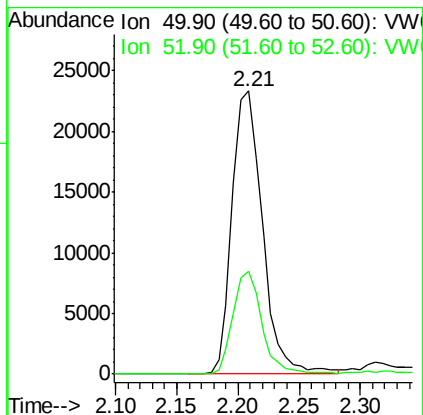
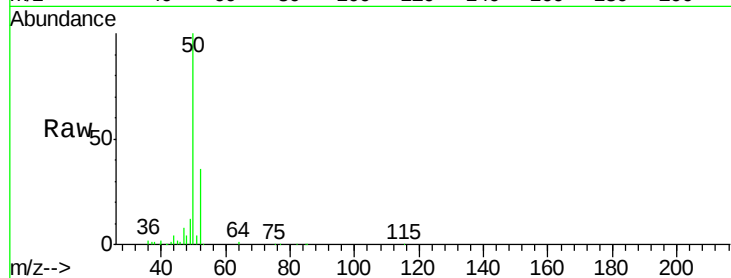
52 36.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.441 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013415.D

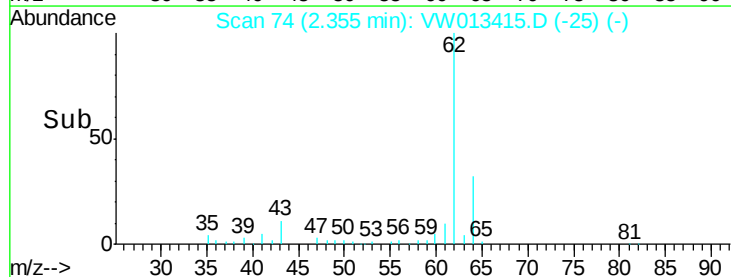
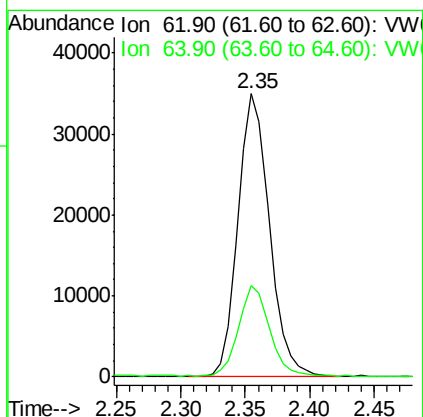
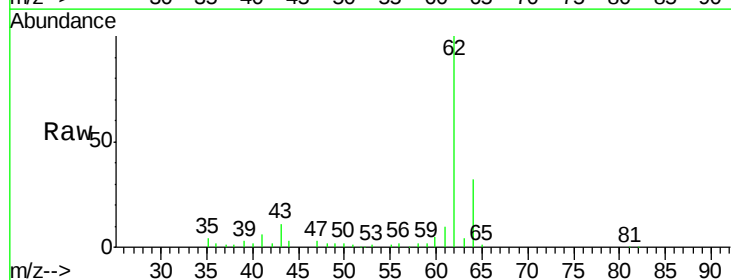
Acq: 03 Oct 2019 13:35

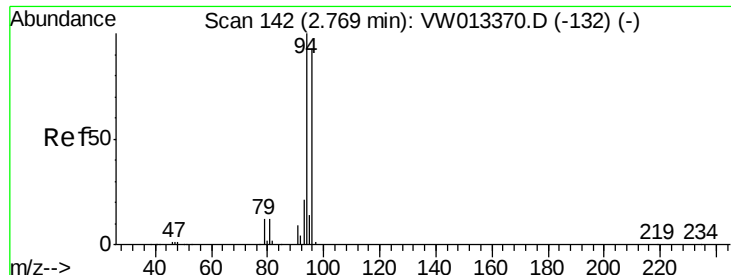
Tgt Ion: 62 Resp: 59356

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 20.031 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

Tot Ion: 94 Resp: 34068

Ion Ratio Lower Upper

94 100

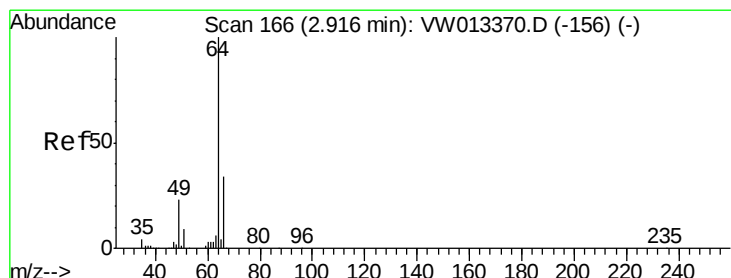
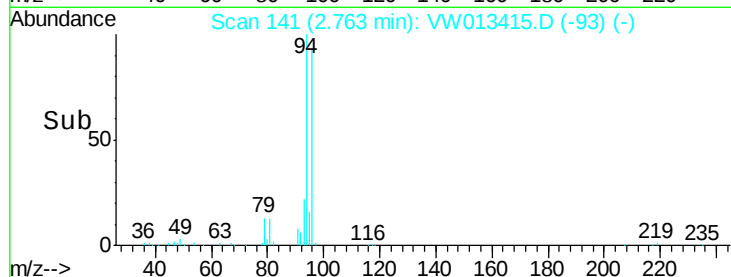
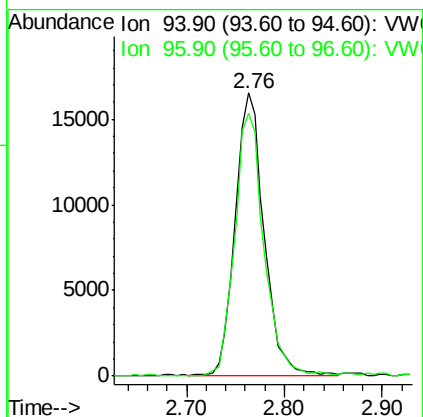
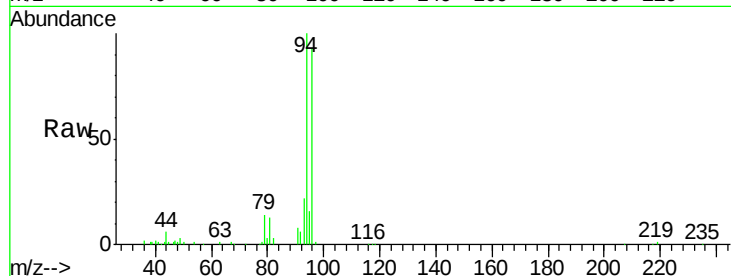
96 93.1 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 19.046 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW013415.D

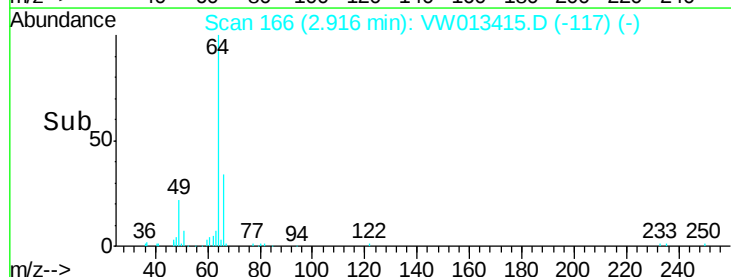
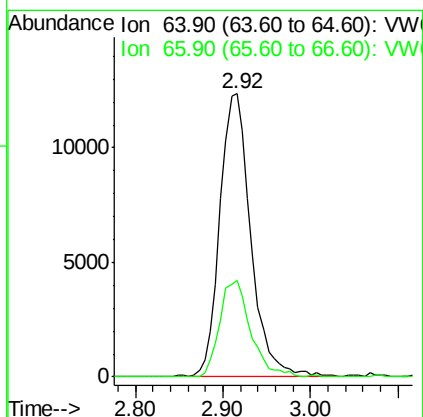
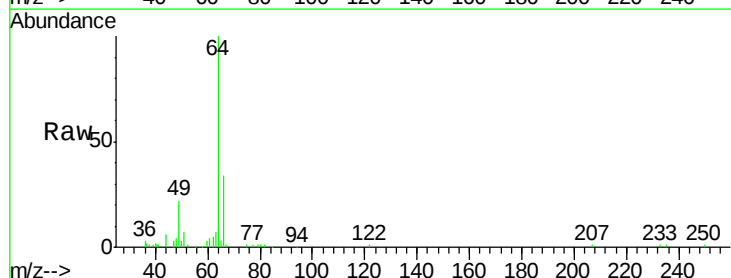
Acq: 03 Oct 2019 13:35

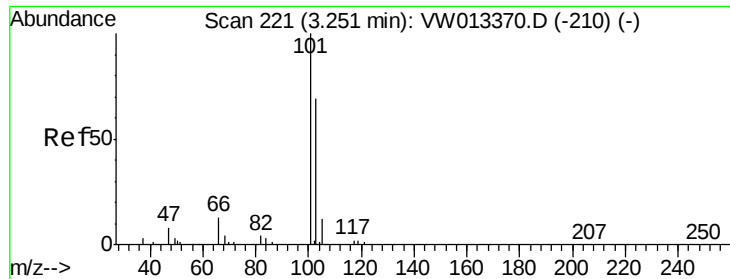
Tgt Ion: 64 Resp: 30445

Ion Ratio Lower Upper

64 100

66 33.9 26.6 39.8





#7

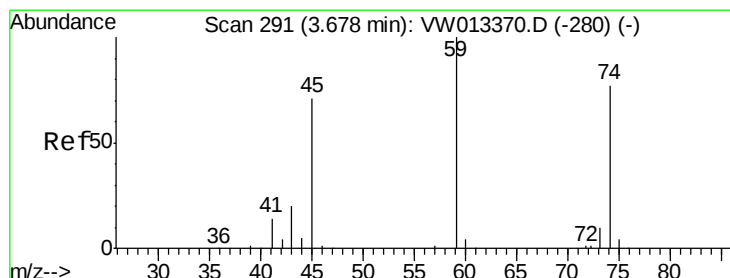
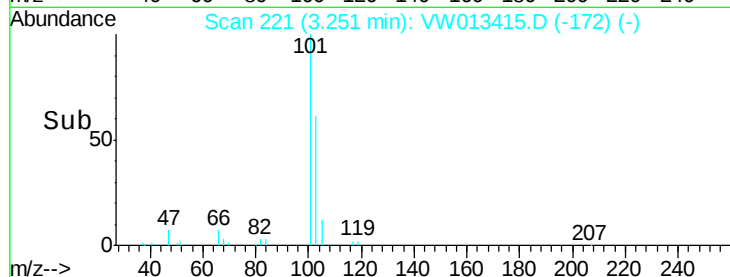
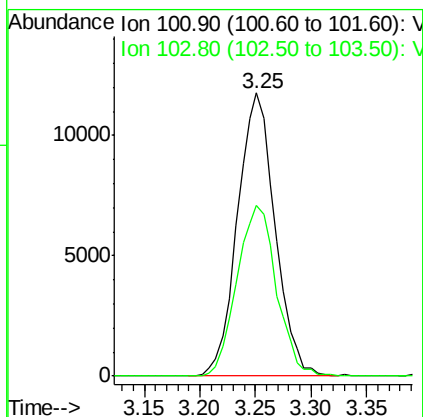
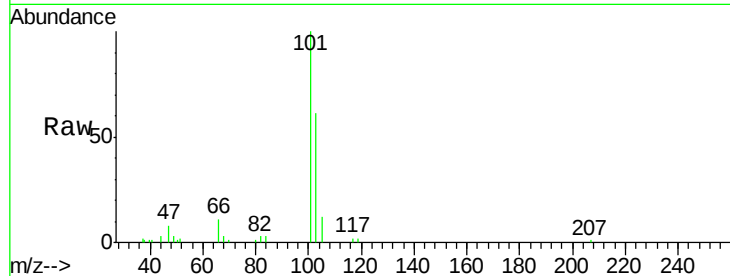
Trichlorofluoromethane
Concen: 22.904 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.5	49.7	74.5

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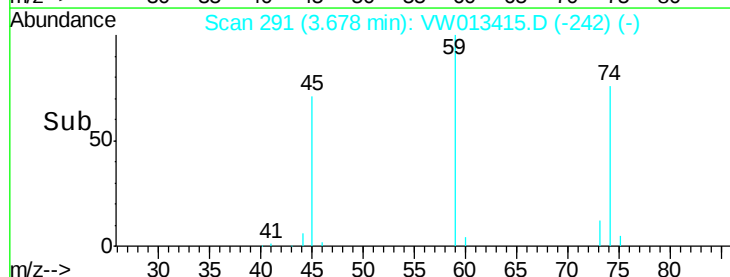
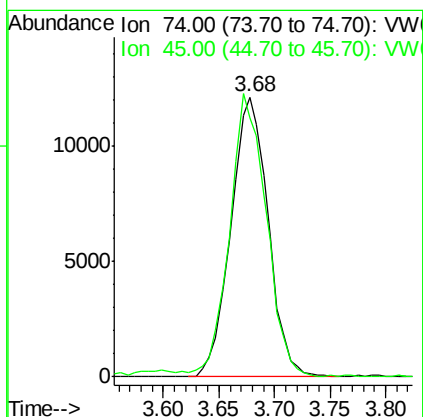
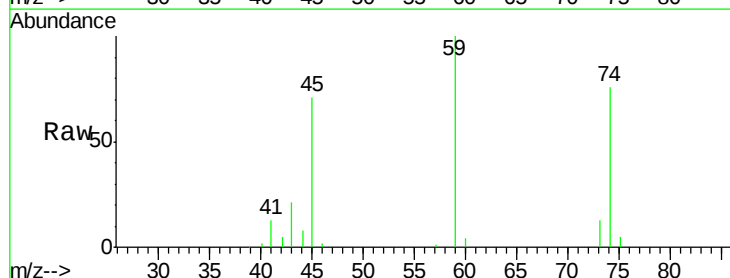
MMDadoda
10/4/2019 12:07:19 PM

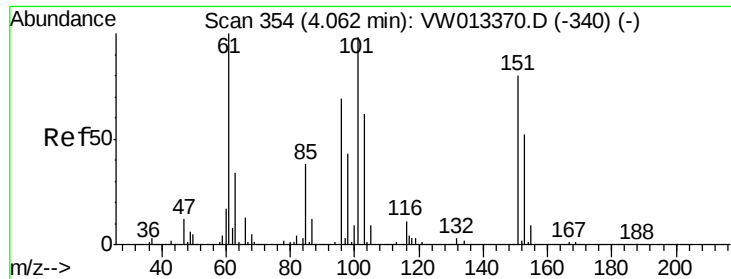


#8

Diethyl Ether
Concen: 20.242 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.460 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

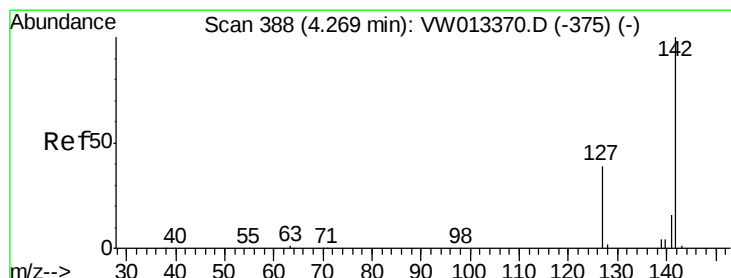
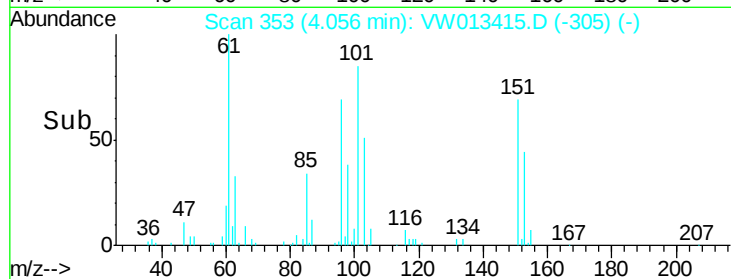
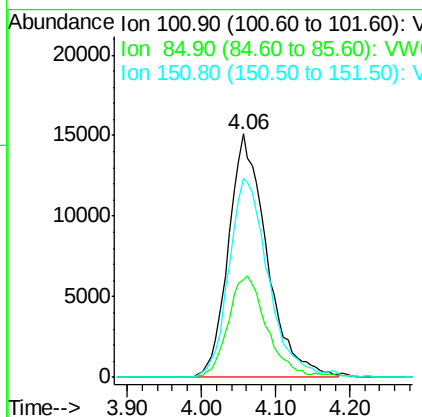
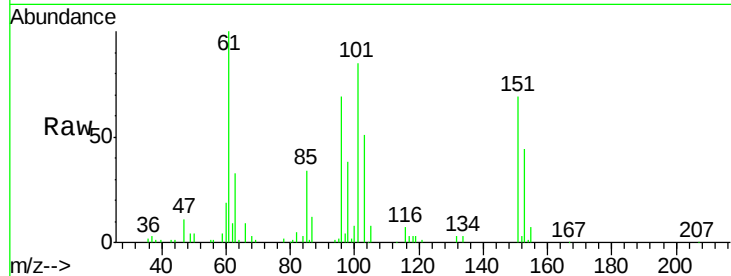
ClientSampleId :

VW1003SBS01

Tot Ion:	101	Resp:	54480
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.4	50.0
151	83.0	66.9	100.3

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#10

Methyl Iodide

Concen: 19.982 ug/l

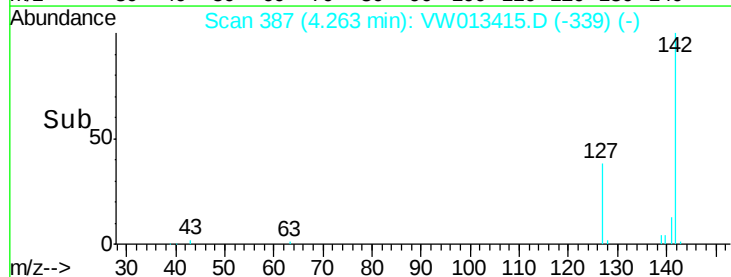
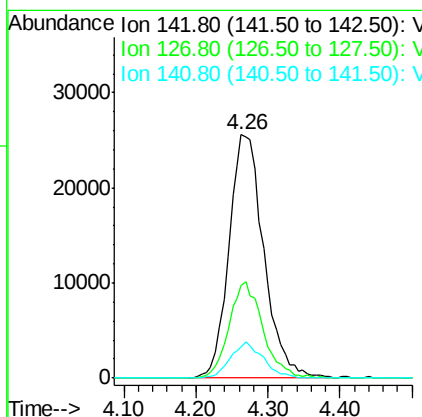
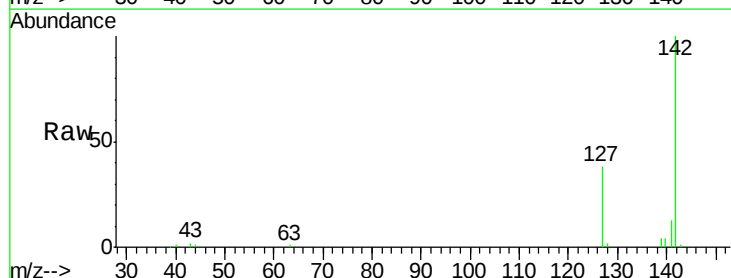
RT: 4.26 min Scan# 387

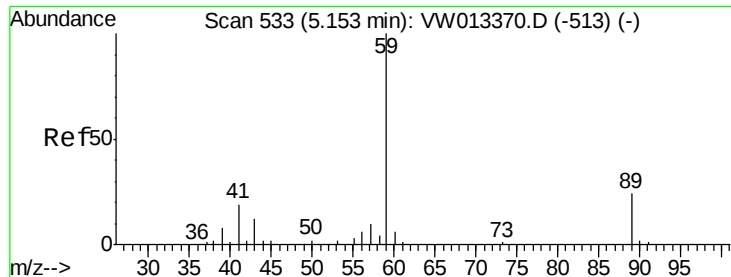
Delta R.T. -0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Tgt Ion:	142	Resp:	85927
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.9	46.3
141	13.8	11.7	17.5





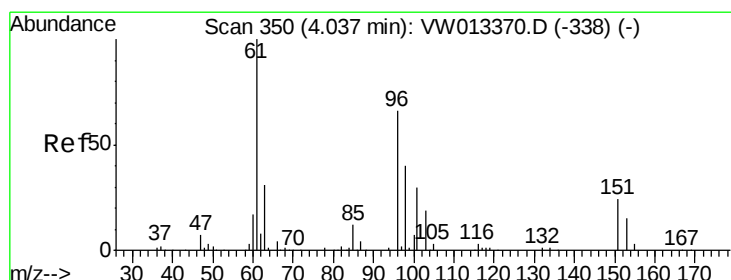
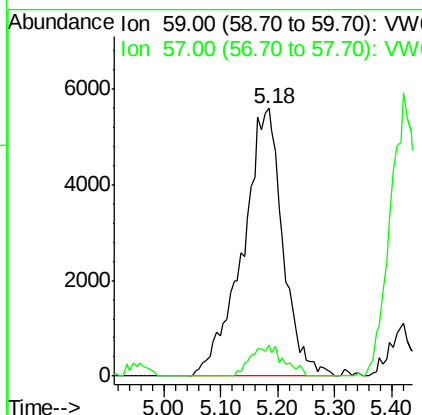
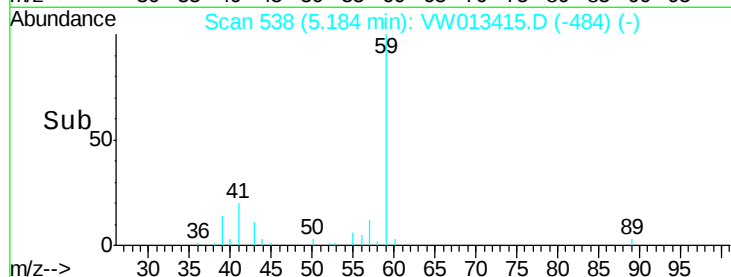
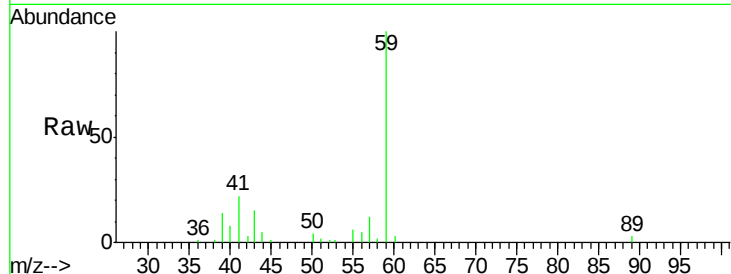
#11
Tert butyl alcohol
Concen: 135.970 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.03 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion: 59 Resp: 27461
Ion Ratio Lower Upper
59 100
57 4.5 8.2 12.2#

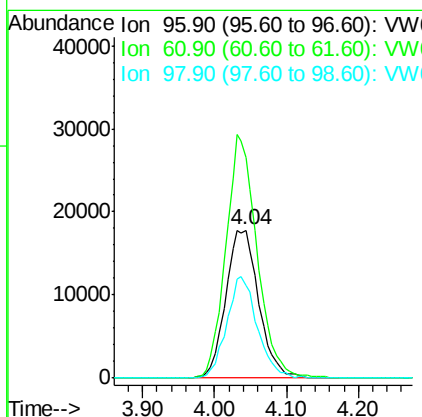
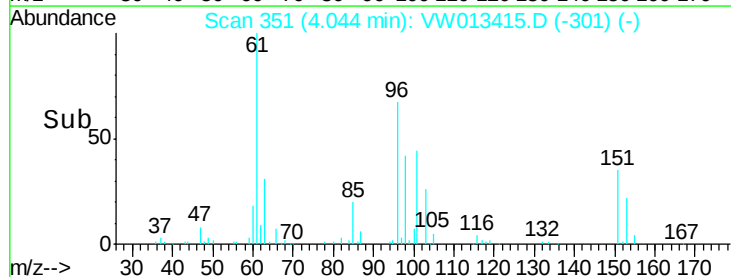
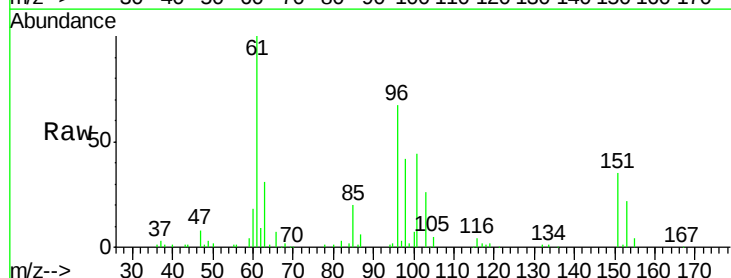
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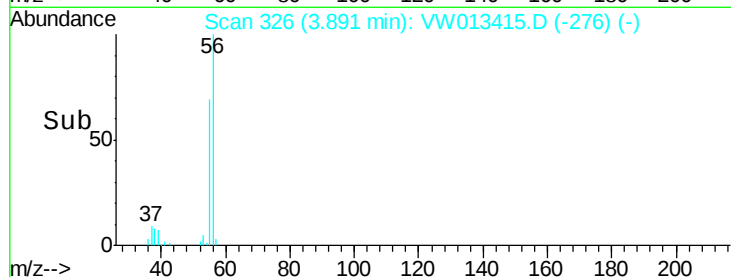
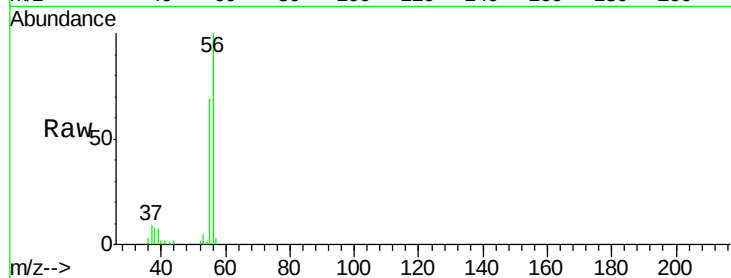
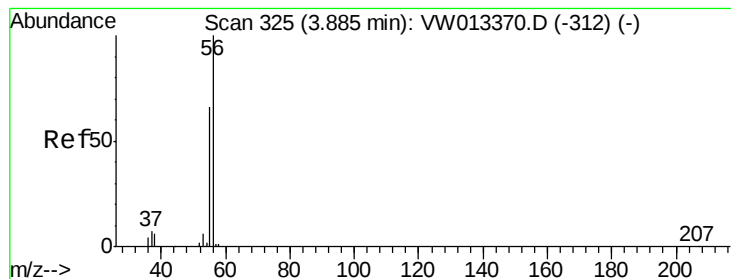
MMDadoda
10/4/2019 12:07:19 PM



#12
1,1-Dichloroethene
Concen: 20.056 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion: 96 Resp: 56424
Ion Ratio Lower Upper
96 100
61 149.3 125.1 187.7
98 62.8 50.8 76.2





#13

Acrolein

Concen: 119.506 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Tot Ion: 56 Resp: 26242

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.0

Instrument :

MSVOA_W

ClientSampleId :

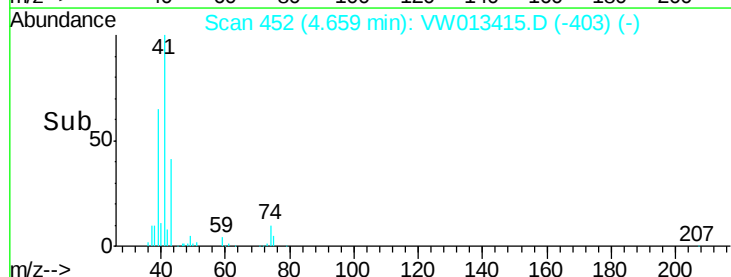
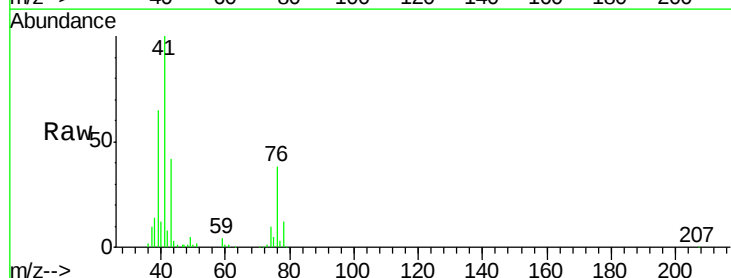
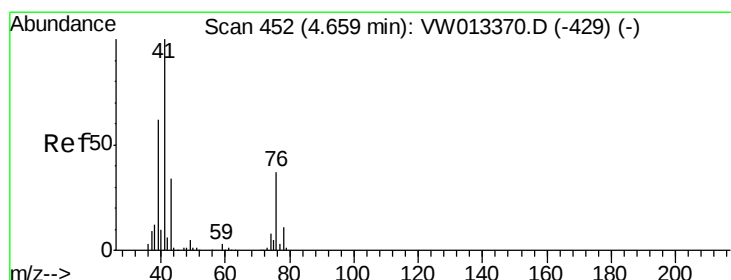
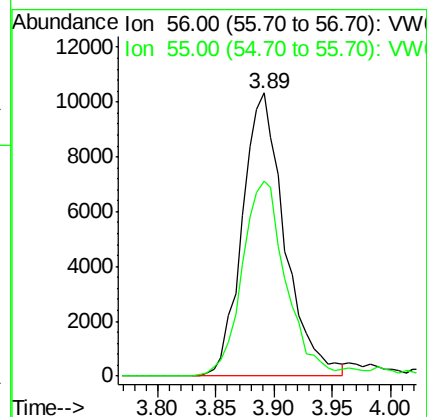
VW1003SBS01

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#14

Allyl chloride

Concen: 20.712 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

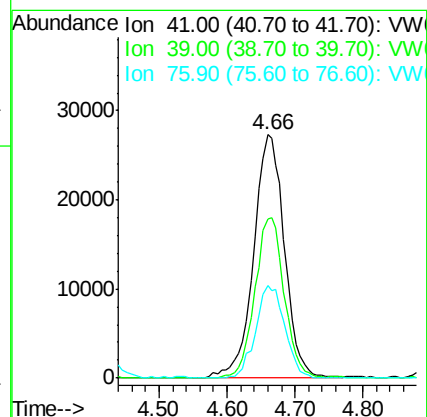
Tgt Ion: 41 Resp: 86199

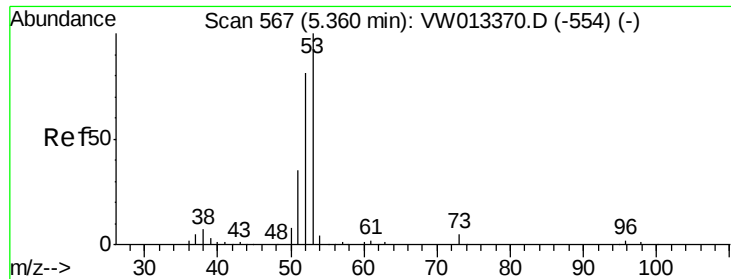
Ion Ratio Lower Upper

41 100

39 63.1 51.0 76.4

76 35.9 28.4 42.6





#15

Acrylonitrile

Concen: 115.409 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

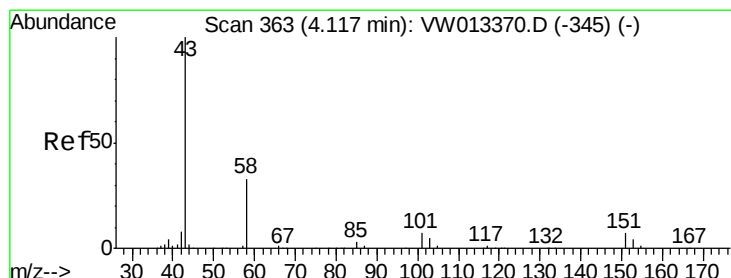
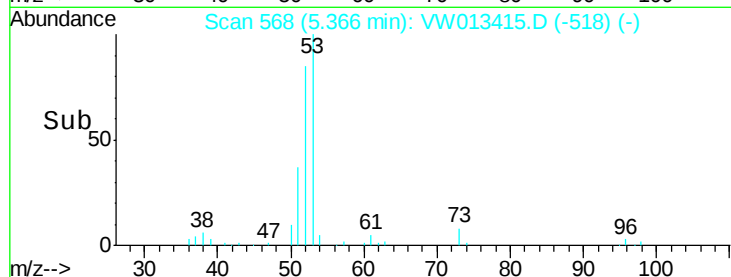
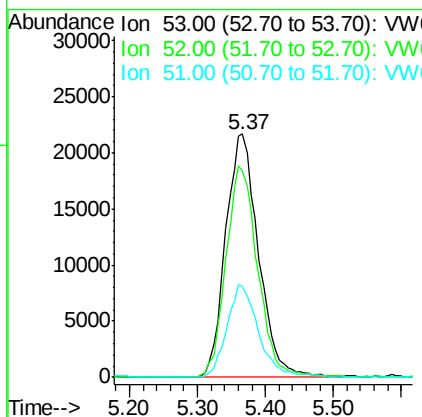
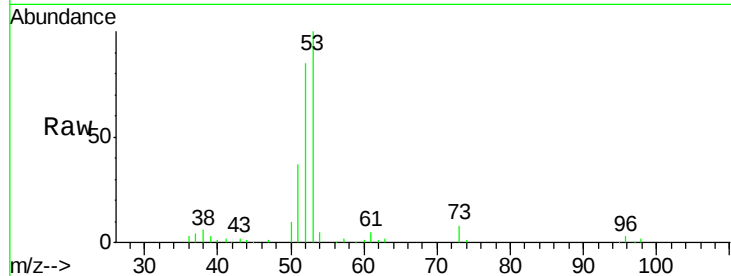
ClientSampleId :

VW1003SBS01

Tot Ion:	53	Resp:	72524
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.3	97.9
51	36.2	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 94.330 ug/l

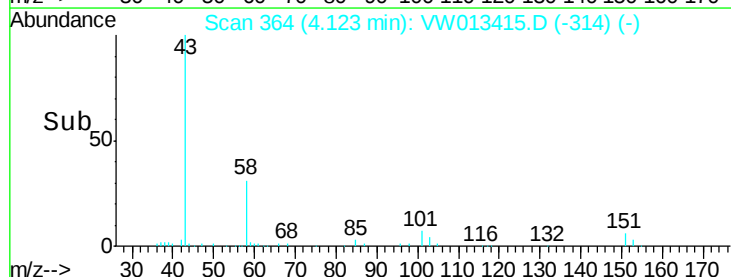
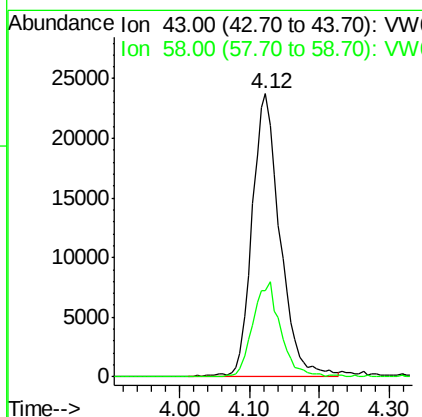
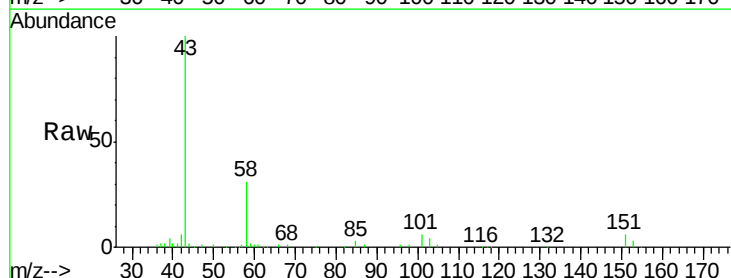
RT: 4.12 min Scan# 364

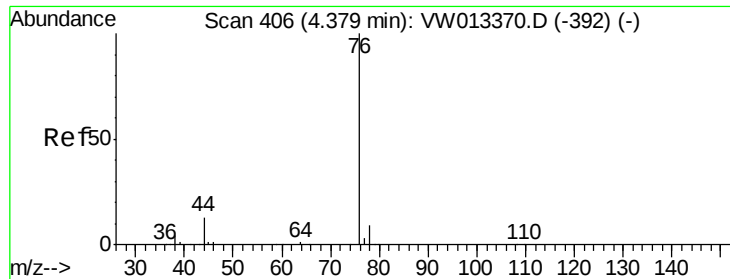
Delta R.T. 0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Tgt Ion:	43	Resp:	65979
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.1	36.1





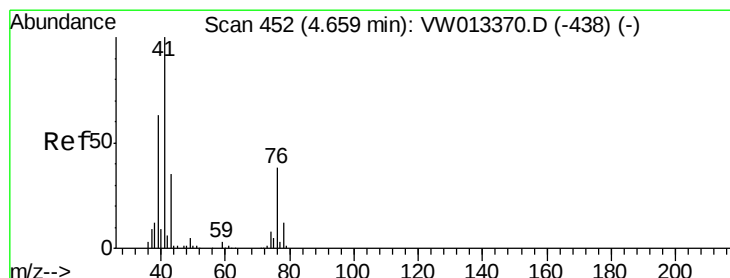
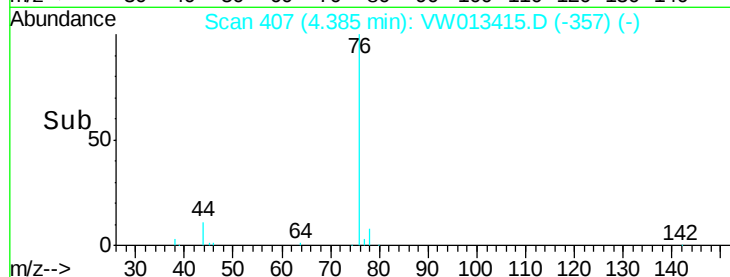
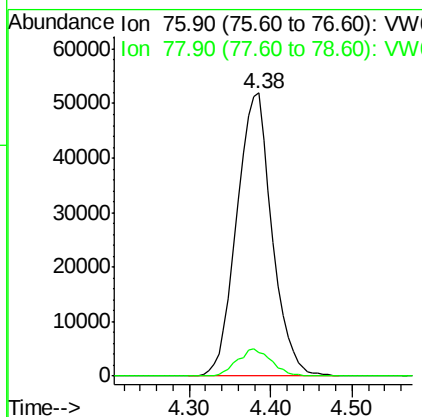
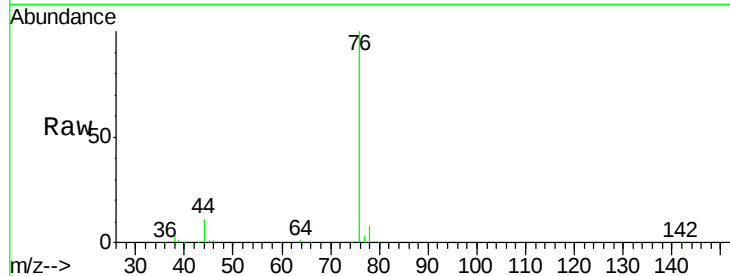
#17
Carbon Disulfide
Concen: 19.849 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.0	10.4

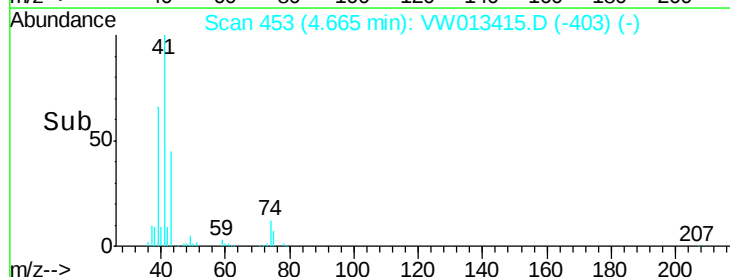
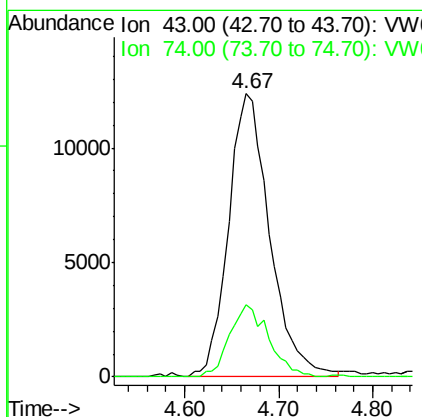
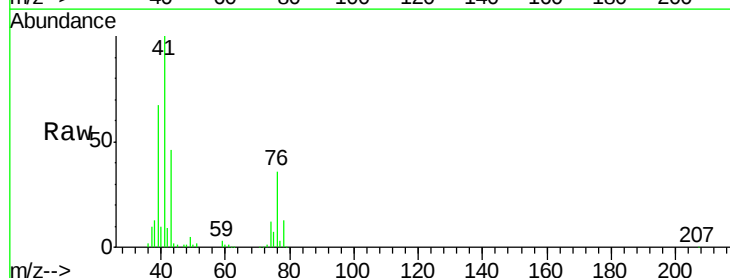
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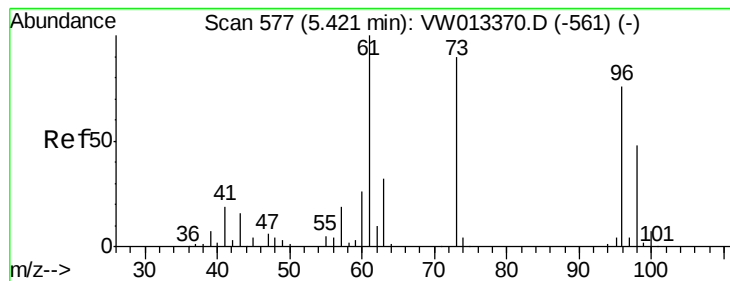
MMDadoda
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#18
Methyl Acetate
Concen: 23.090 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.3	28.9





#19

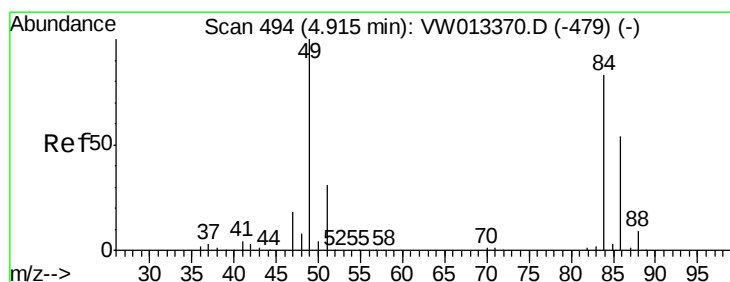
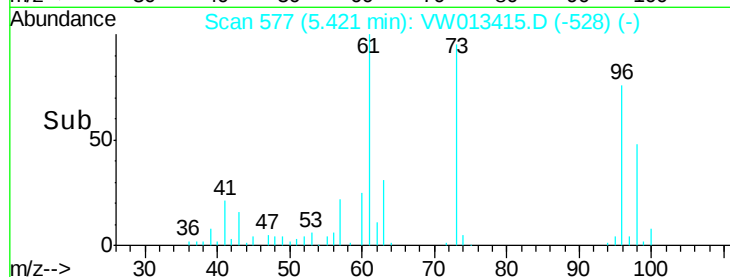
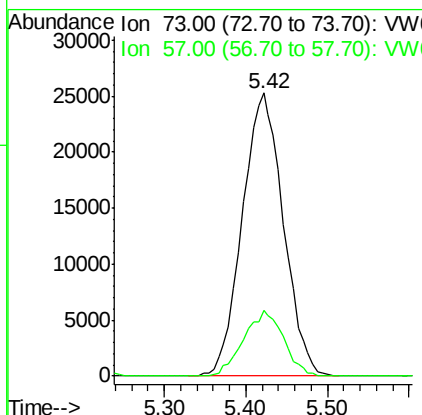
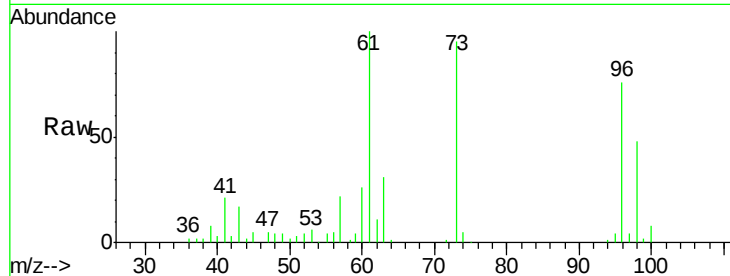
Methyl tert-butyl Ether
 Concen: 21.314 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.6	26.4

Manual Integrations
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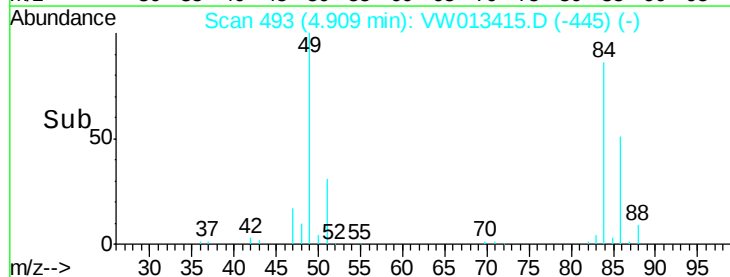
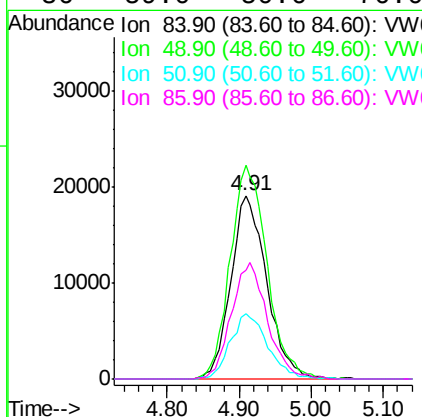
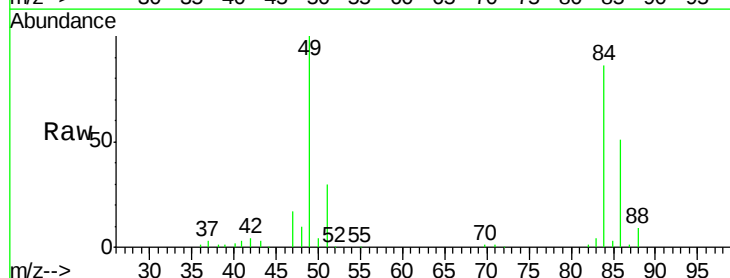
MMDadoda
 10/4/2019 12:07:19 PM

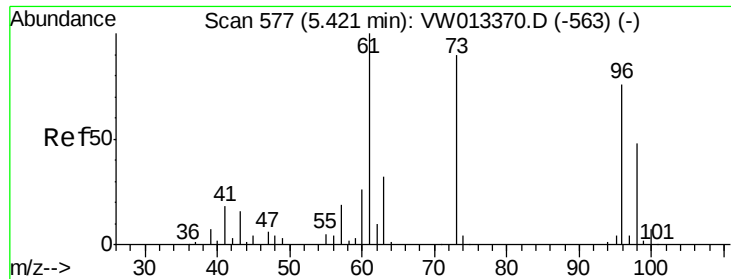


#20

Methylene Chloride
 Concen: 21.627 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.5	97.6	146.4
51	35.4	30.2	45.2
86	59.0	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 20.012 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

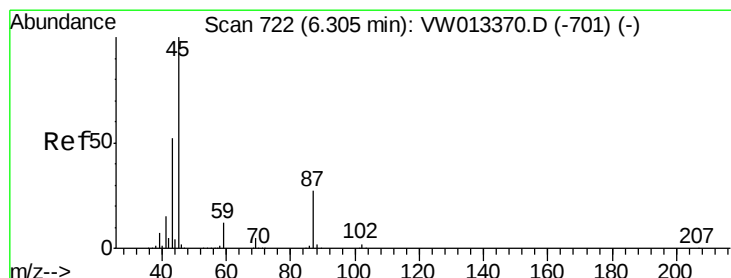
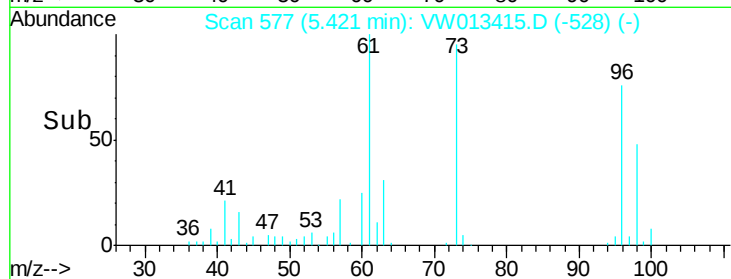
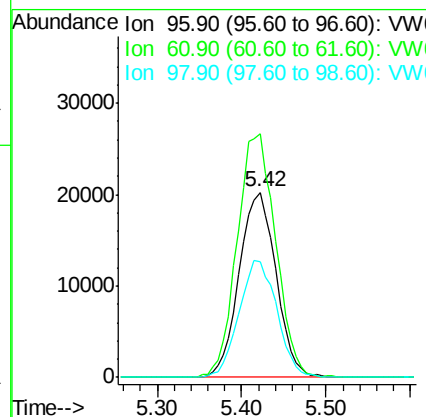
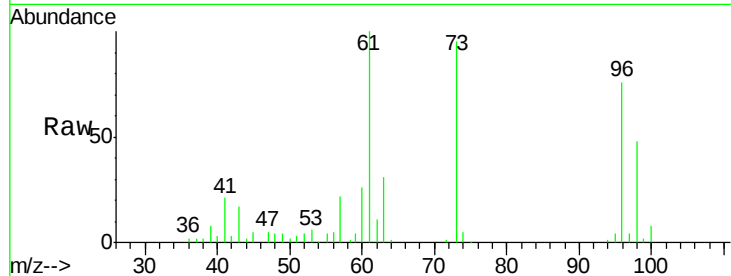
ClientSampleId :

VW1003SBSD01

Tot Ion:	96	Resp:	59956
Ion	Ratio	Lower	Upper
96	100		
61	131.6	106.6	159.8
98	62.8	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.140 ug/l

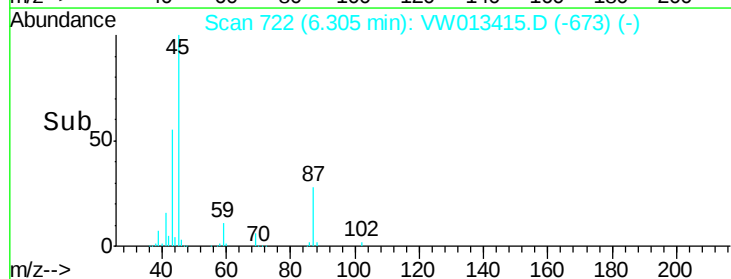
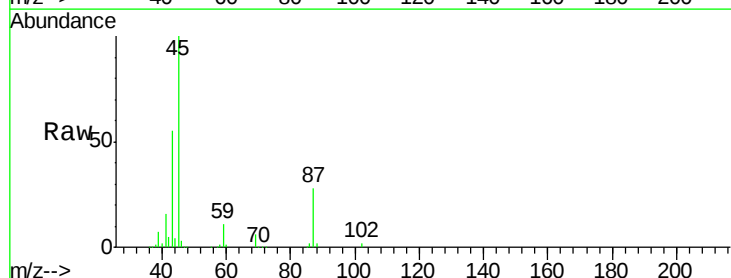
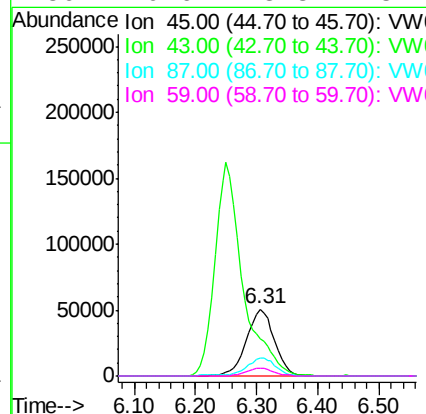
RT: 6.31 min Scan# 722

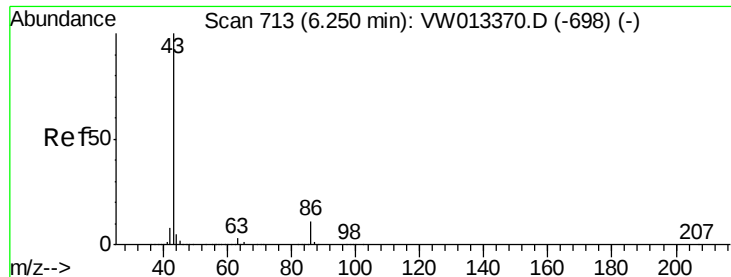
Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Tgt Ion:	45	Resp:	161869
Ion	Ratio	Lower	Upper
45	100		
43	54.3	42.4	63.6
87	27.9	20.4	30.6
59	10.6	8.8	13.2





#23

Vinyl Acetate

Concen: 107.864 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

ClientSampled :

VW1003SBS01

Tot Ion: 43 Resp: 520190

Ion Ratio Lower Upper

43 100

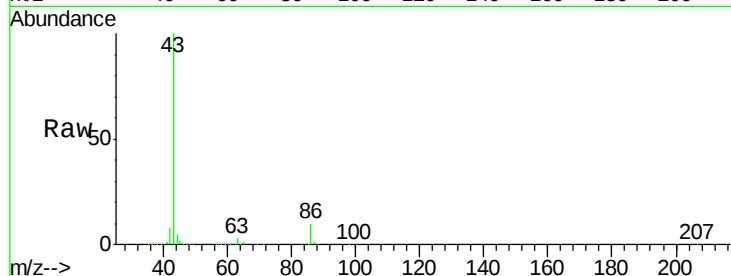
86 9.8 8.3 12.5

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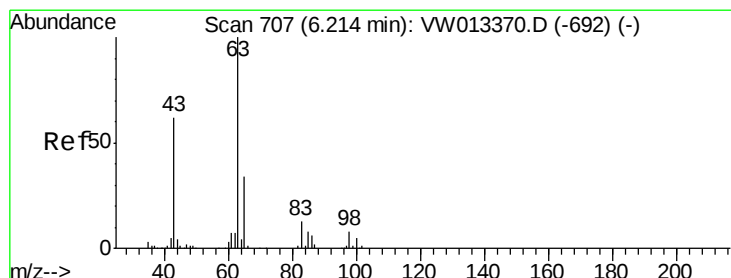
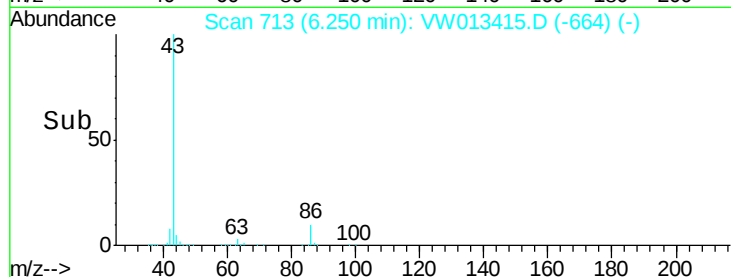
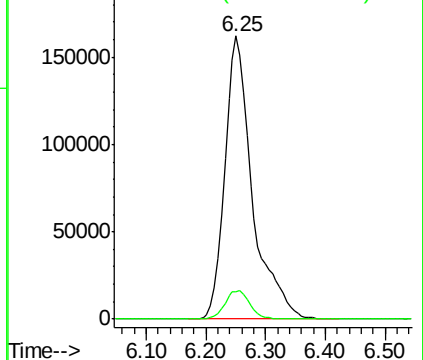
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.202 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

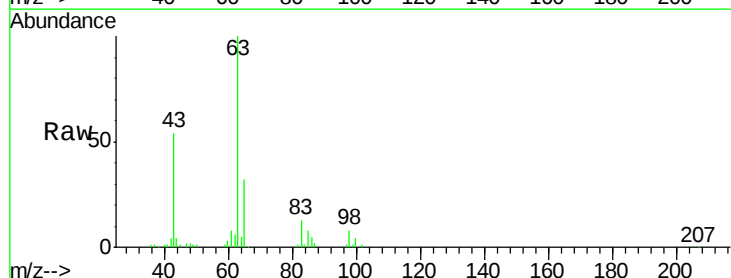
Tgt Ion: 63 Resp: 98898

Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.5

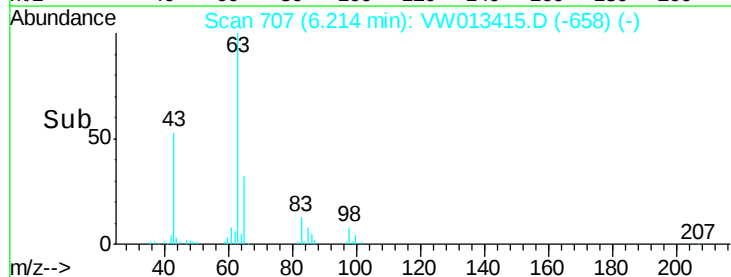
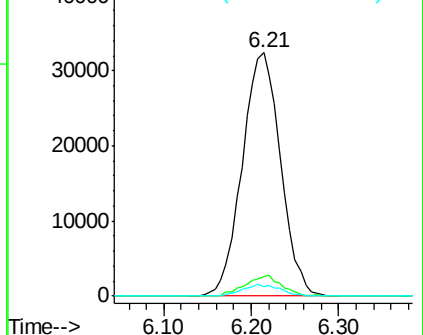
100 4.1 2.4 7.1

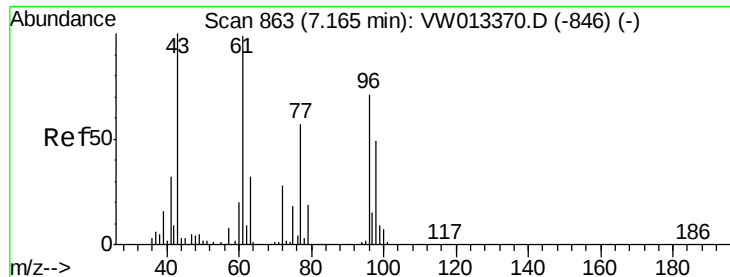


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 109.805 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

Tot Ion: 43 Resp: 98276

Ion Ratio Lower Upper

43 100

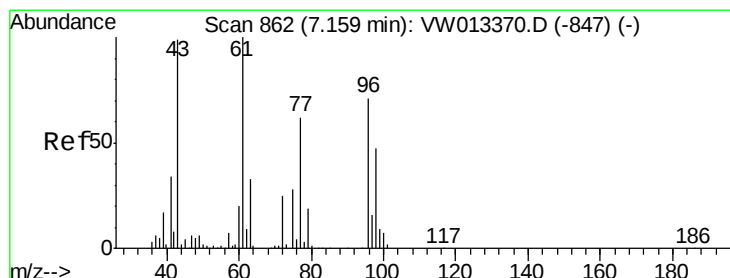
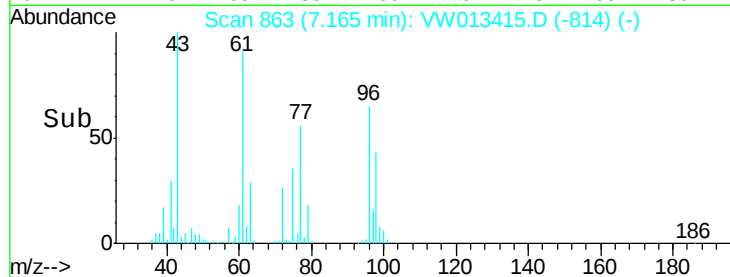
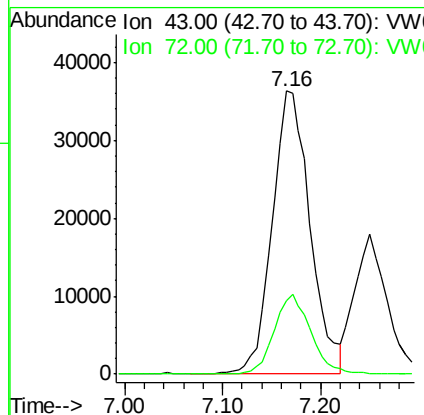
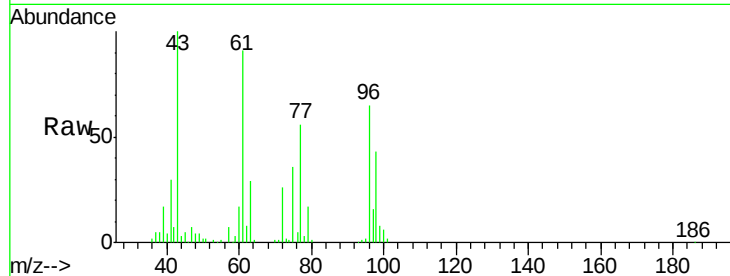
72 26.1 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.999 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013415.D

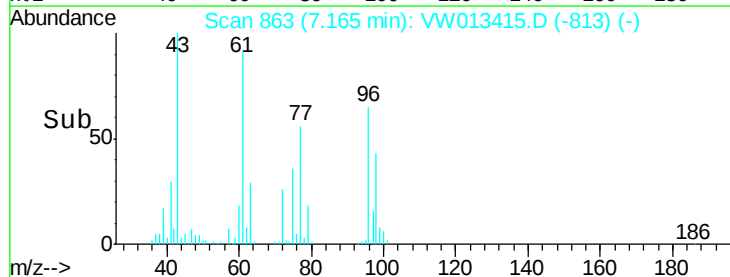
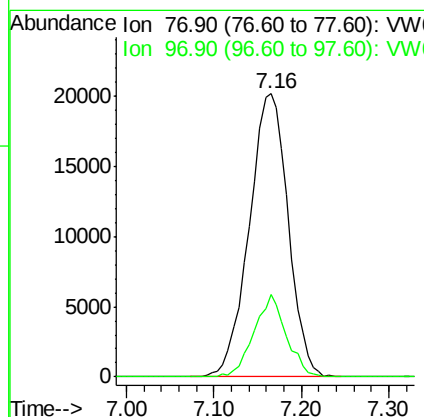
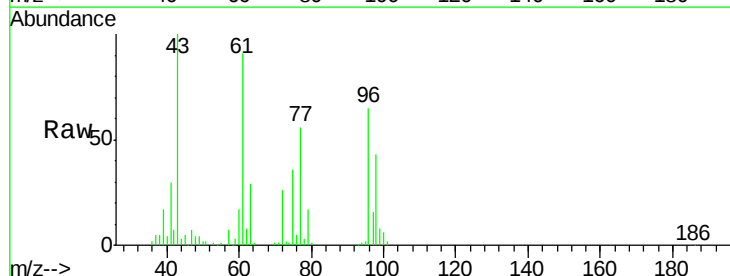
Acq: 03 Oct 2019 13:35

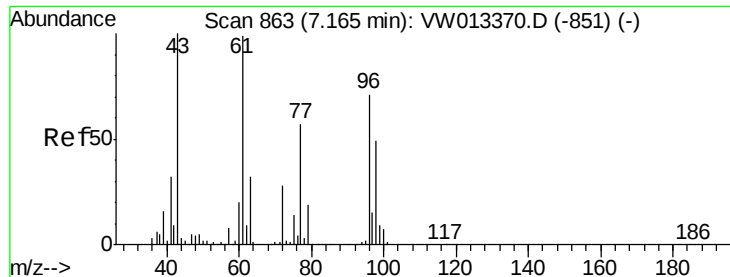
Tgt Ion: 77 Resp: 62203

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.4





#27

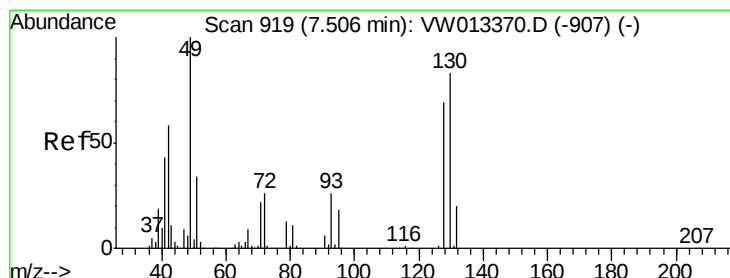
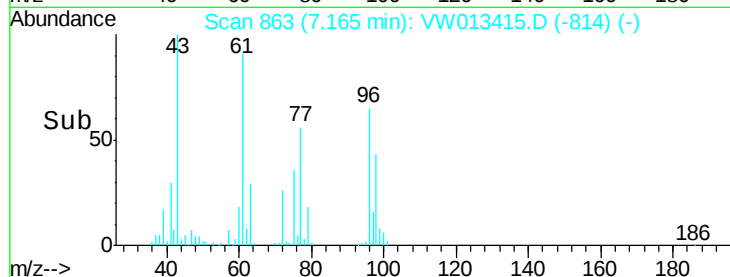
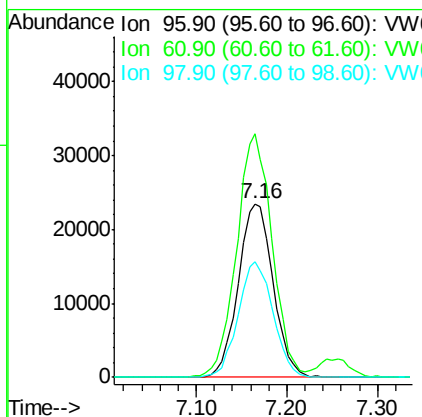
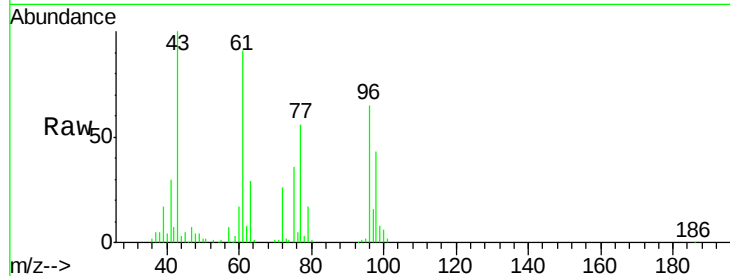
cis-1,2-Dichloroethene
Concen: 19.909 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	62433		
61	143.0		0.0	282.4
98	66.7		0.0	128.2

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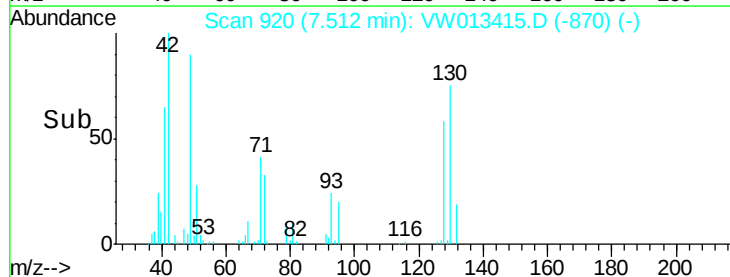
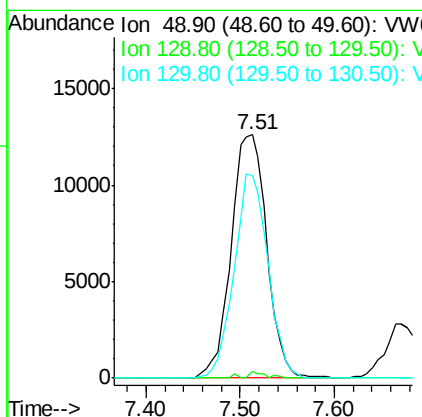
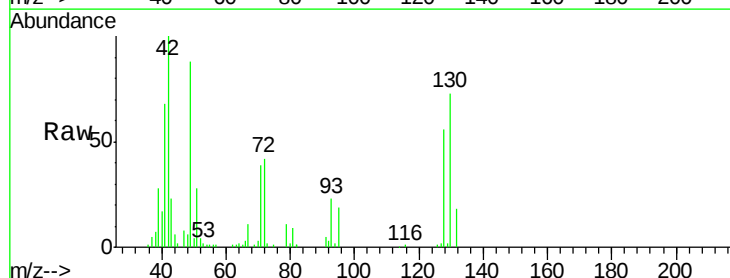
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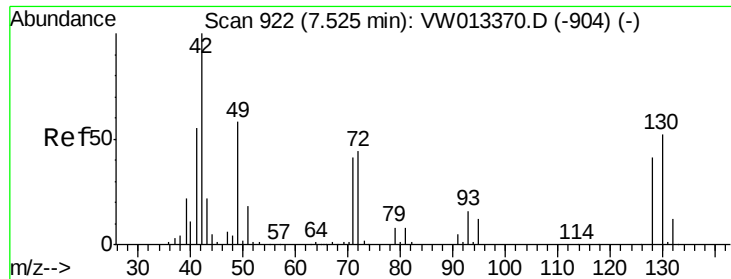


#28

Bromochloromethane
Concen: 18.784 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33247		
129	1.1		0.0	1.0#
130	79.7		63.4	95.2





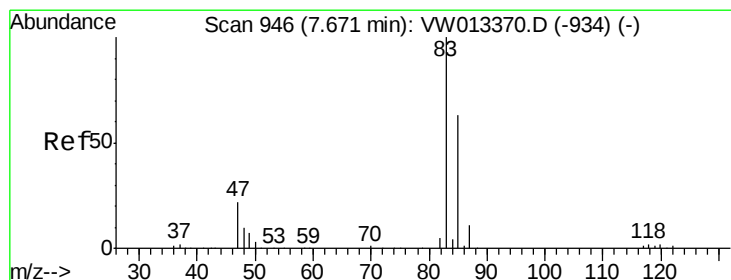
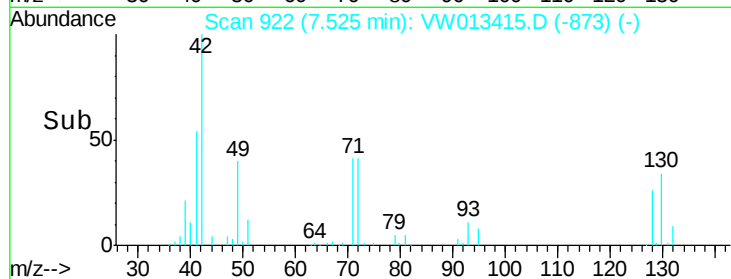
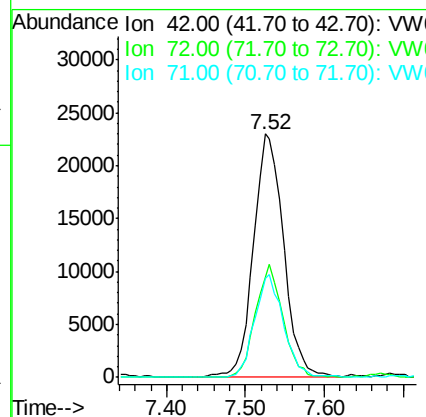
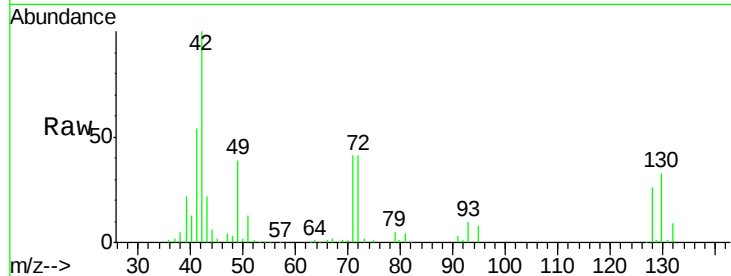
#29
Tetrahydrofuran
Concen: 122.867 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.9	50.9
71	40.3	31.9	47.9

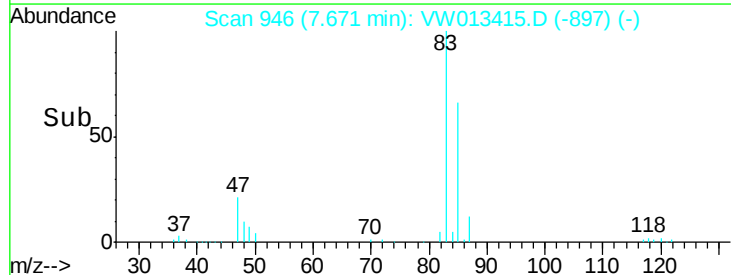
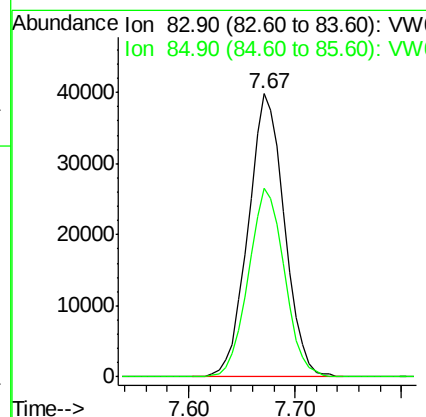
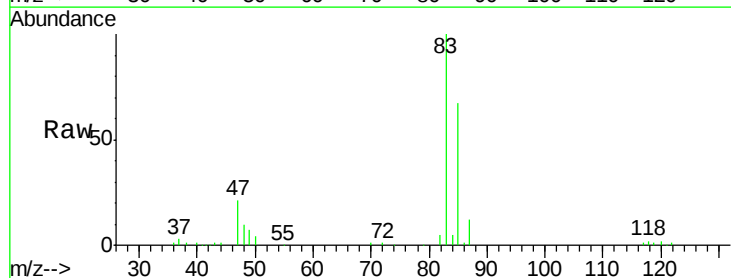
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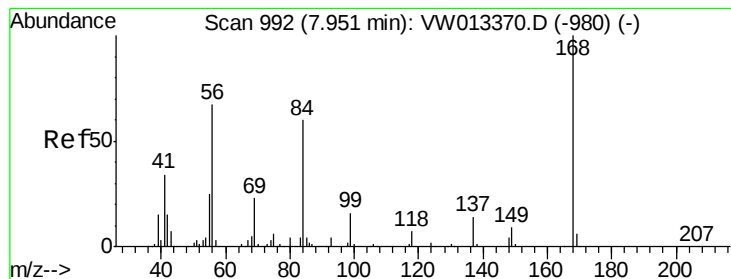
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#30
Chloroform
Concen: 19.802 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.3	78.5





#31

Cyclohexane

Concen: 20.279 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

Tot Ion: 56 Resp: 105871

Ion Ratio Lower Upper

56 100

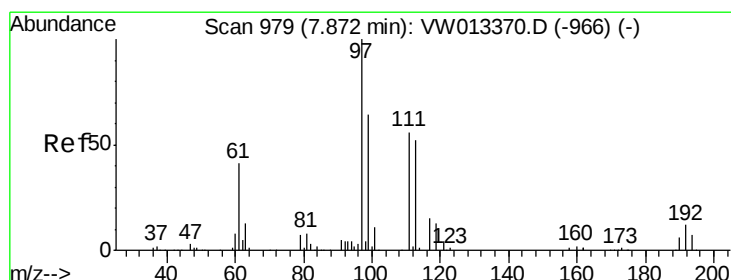
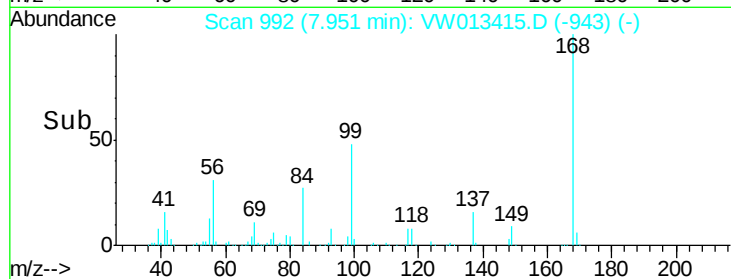
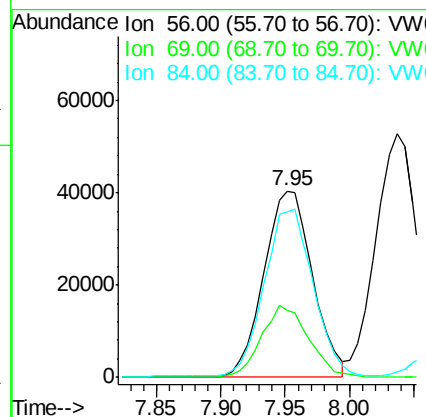
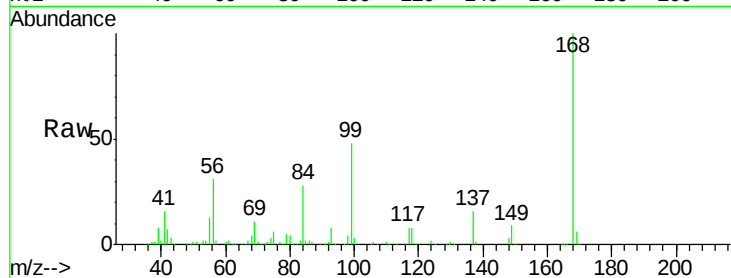
69 35.6 27.2 40.8

84 87.5 70.8 106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.123 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

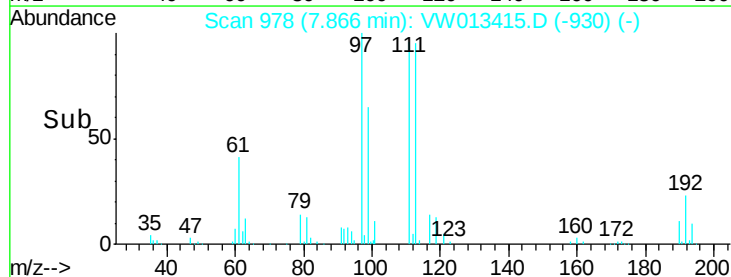
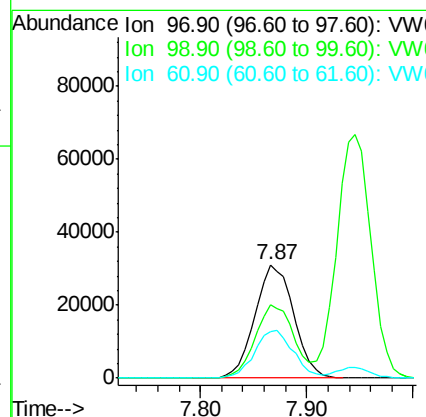
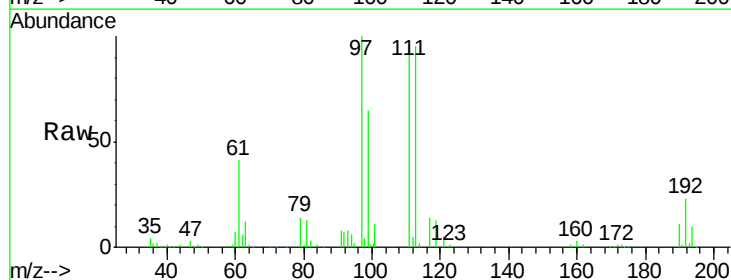
Tgt Ion: 97 Resp: 79435

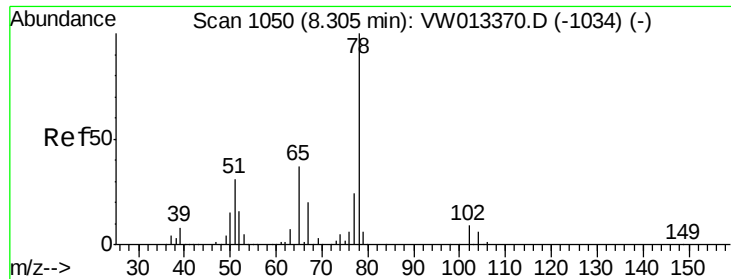
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 41.9 34.6 51.8





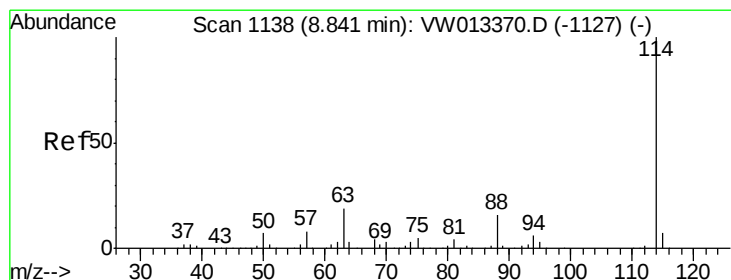
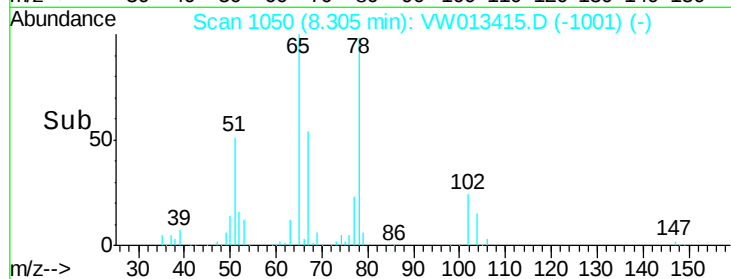
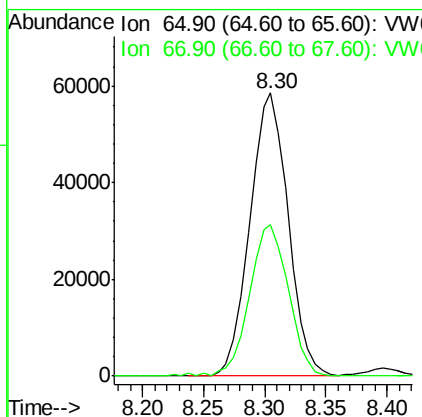
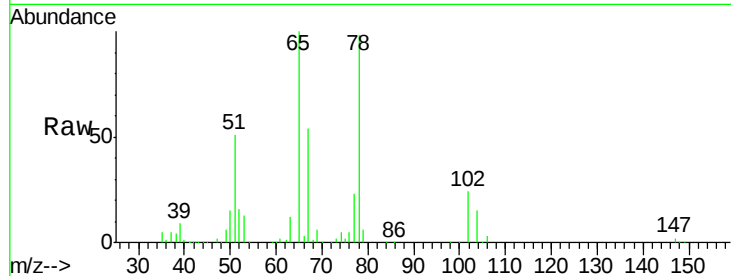
#33
 1,2-Dichloroethane-d4
 Concen: 55.755 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127229		
67	54.4	0.0	106.2	

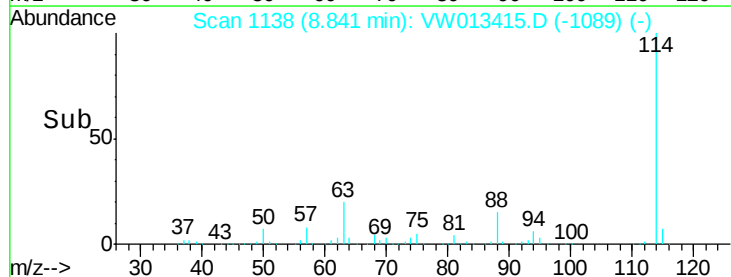
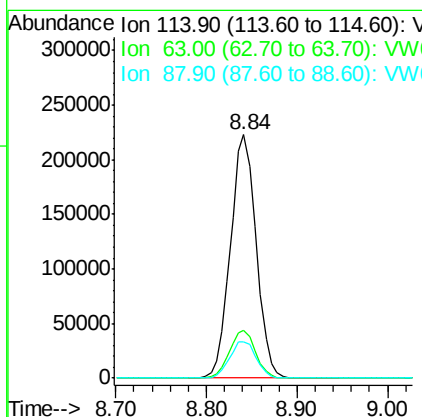
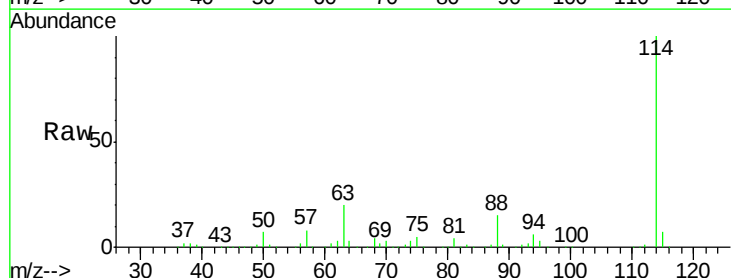
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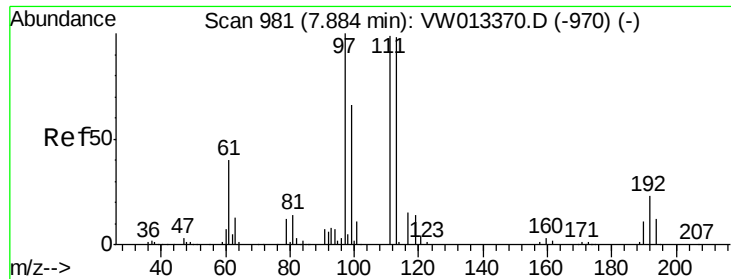
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	438925		
63	19.9	0.0	41.4	
88	14.9	0.0	32.0	





#35

Dibromofluoromethane

Concen: 53.375 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

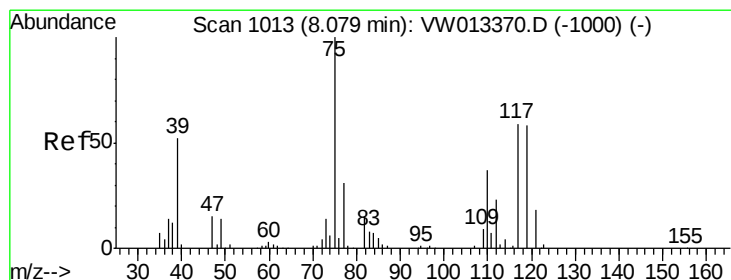
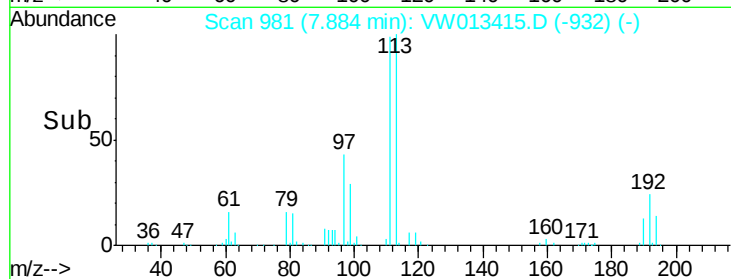
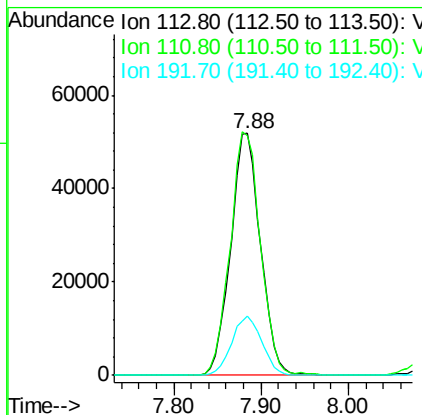
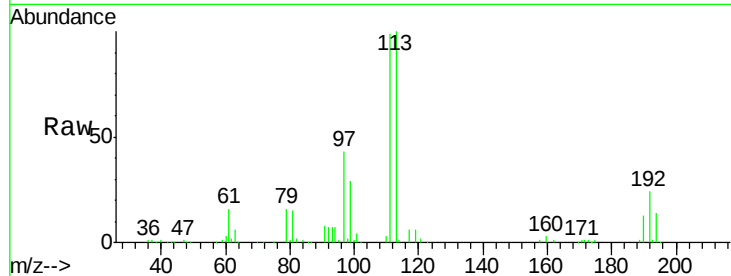
ClientSampled :

VW1003SBS01

Tot Ion:	113	Resp:	122931
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	24.8	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 21.010 ug/l

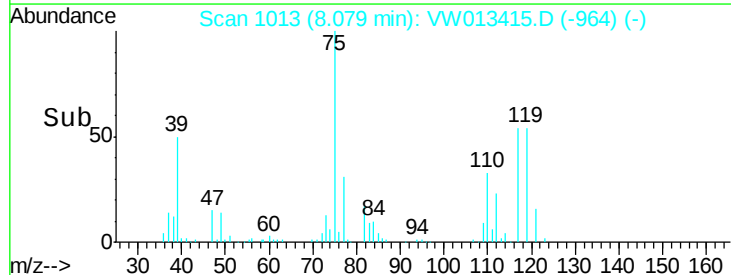
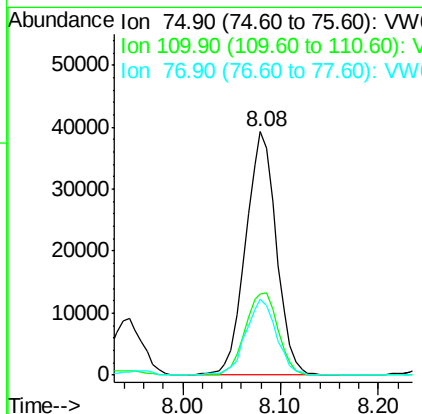
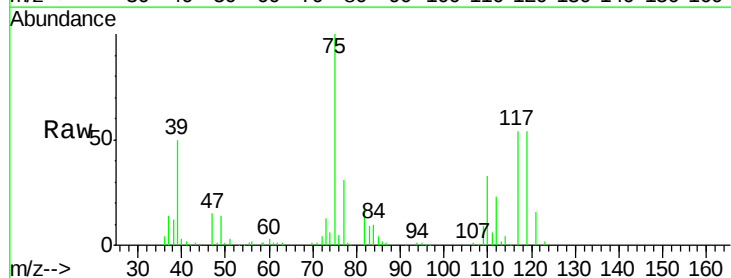
RT: 8.08 min Scan# 1013

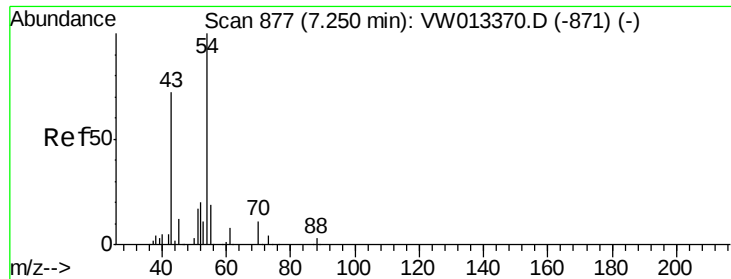
Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Tgt Ion:	75	Resp:	85652
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.1	54.3
77	31.3	25.8	38.6





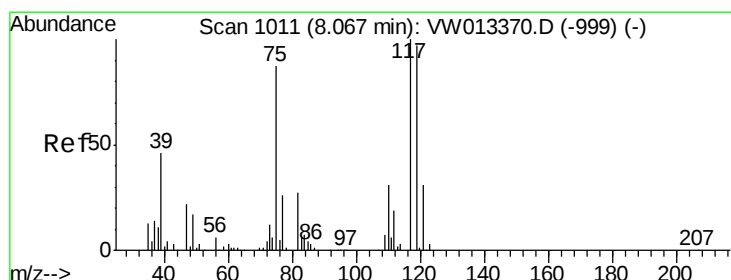
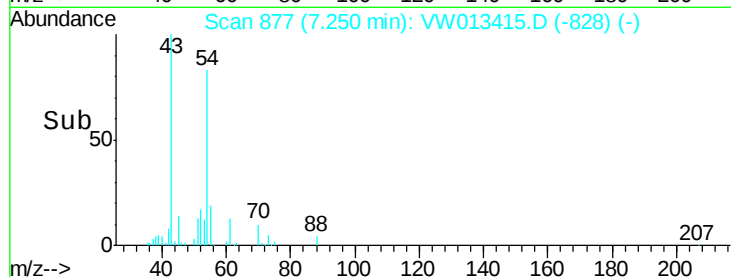
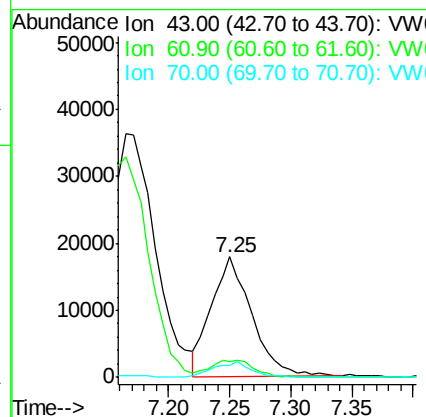
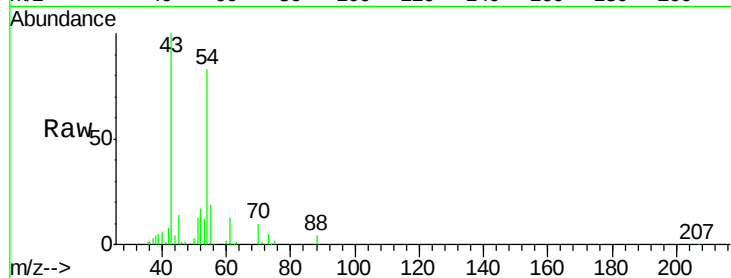
#37
Ethyl Acetate
Concen: 22.744 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleID :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.9	16.3
70	12.4	8.2	12.2

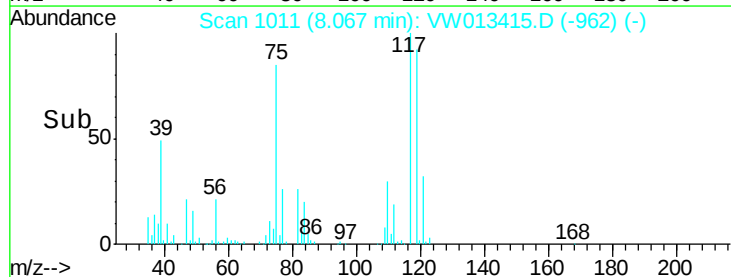
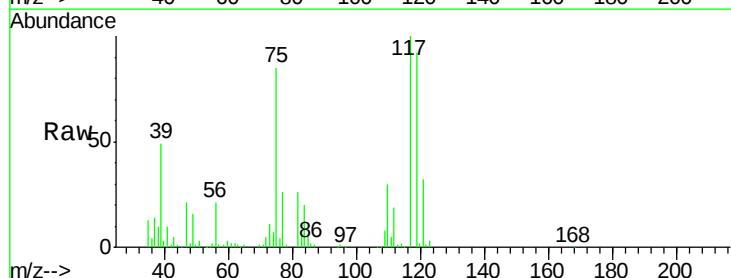
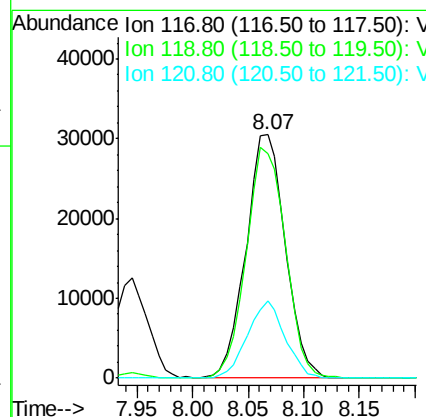
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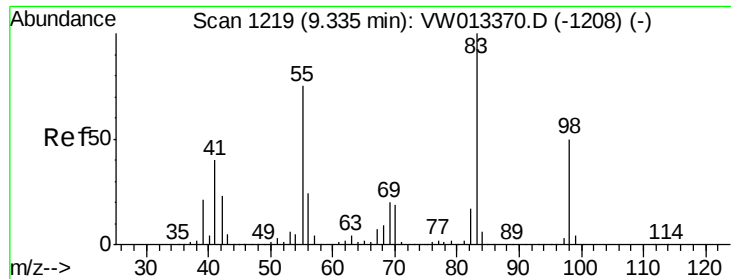
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#38
Carbon Tetrachloride
Concen: 21.287 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	73.5	110.3
121	31.6	25.0	37.6





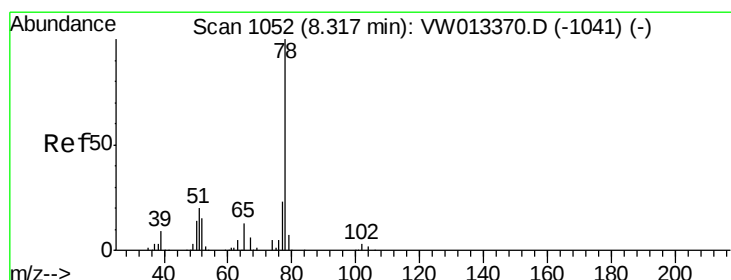
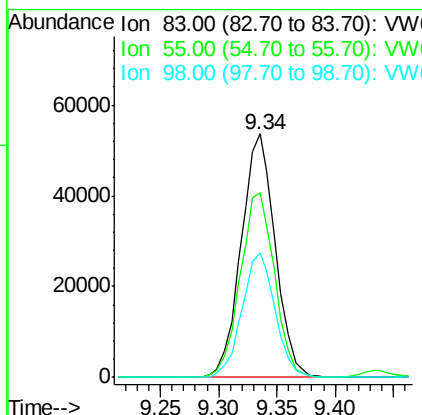
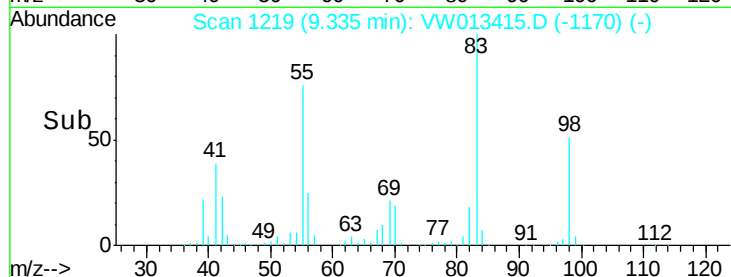
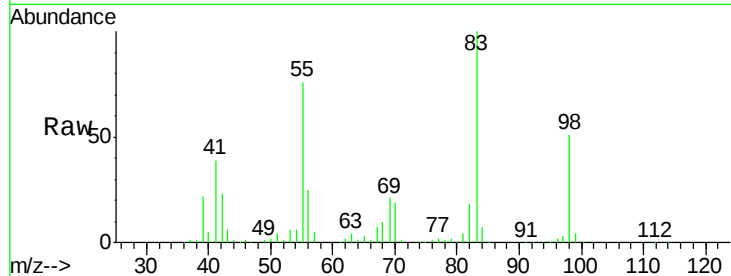
#39
Methvlcvclohexane
Concen: 20.326 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	109129		
55	76.0		60.4	90.6
98	51.0		40.0	60.0

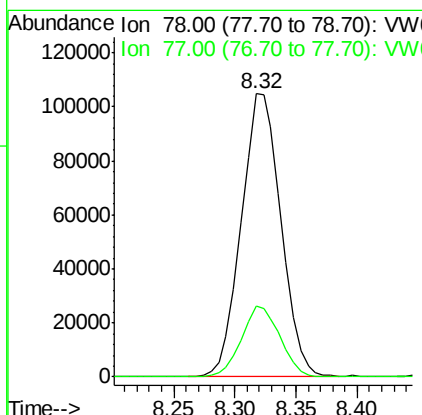
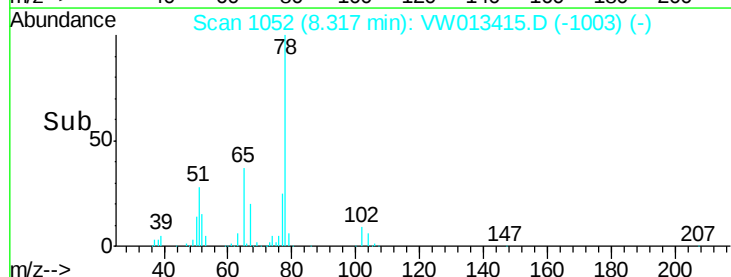
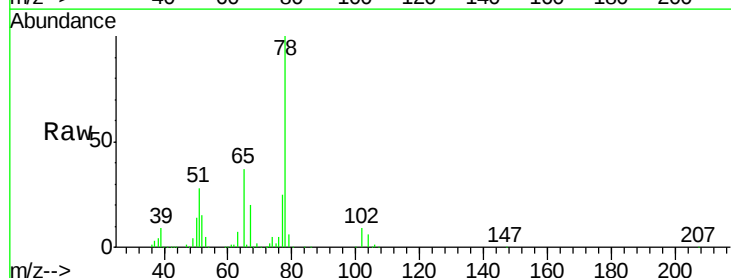
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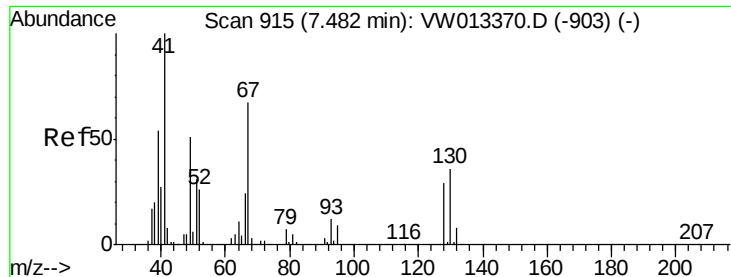
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#40
Benzene
Concen: 20.441 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	235902		
77	25.1		19.1	28.7





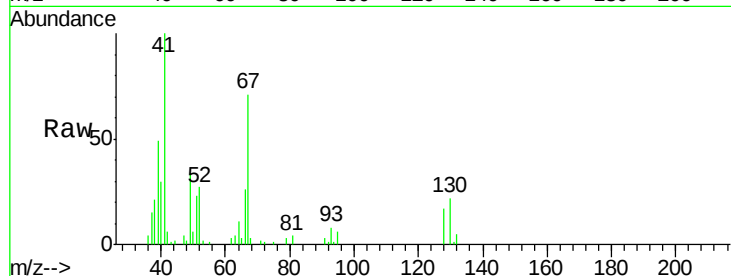
#41
Methacrylonitrile
Concen: 22.345 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.5	45.9	68.9
67	72.0	54.5	81.7
52	28.8	22.5	33.7

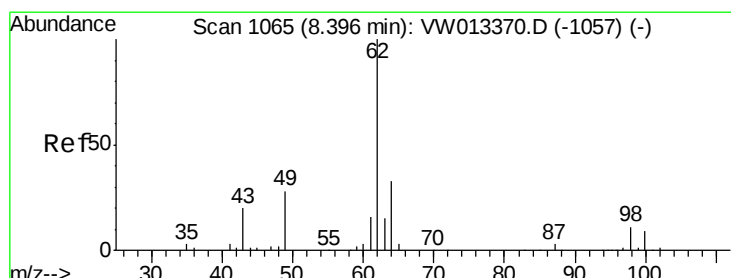
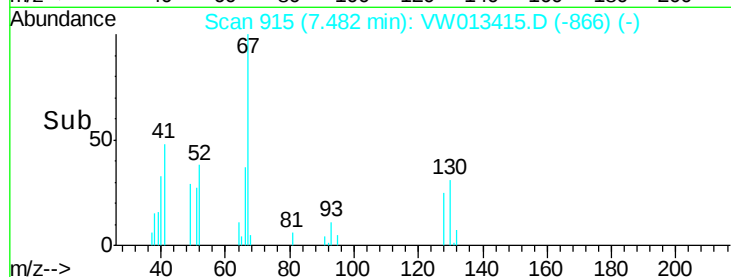
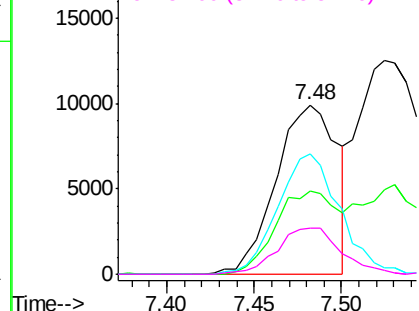
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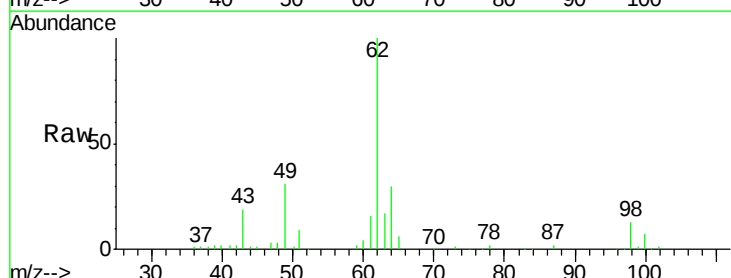
Abundance

Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



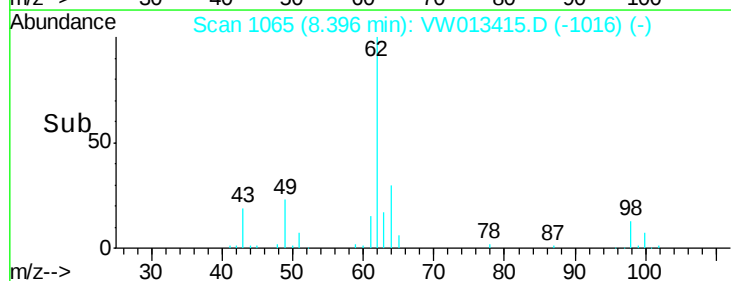
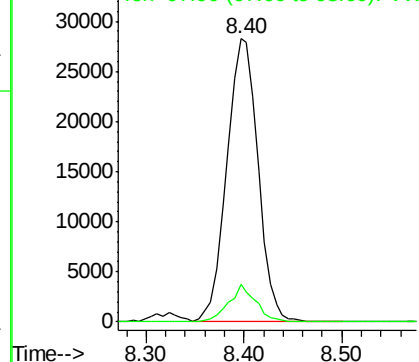
#42
1,2-Dichloroethane
Concen: 21.148 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

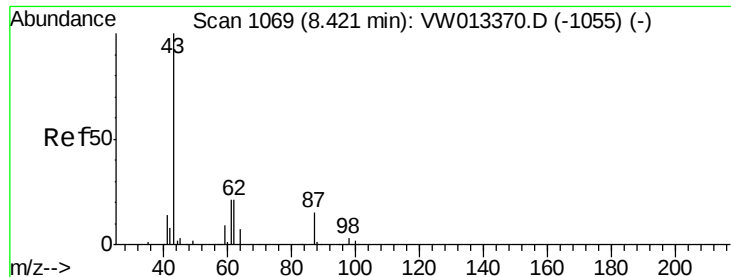
Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.6



Abundance

Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.877 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

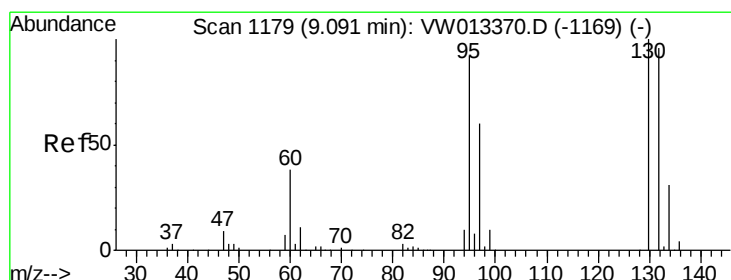
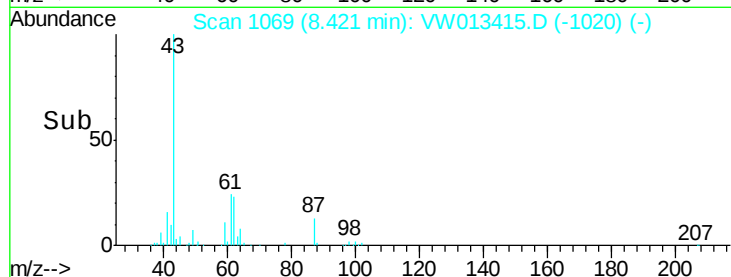
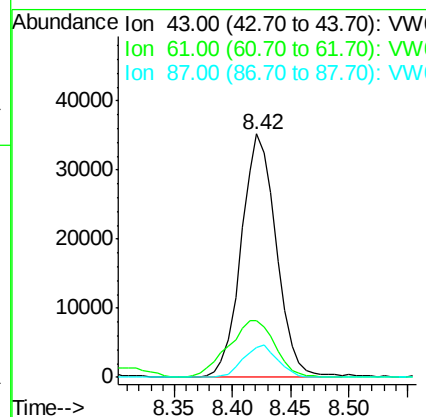
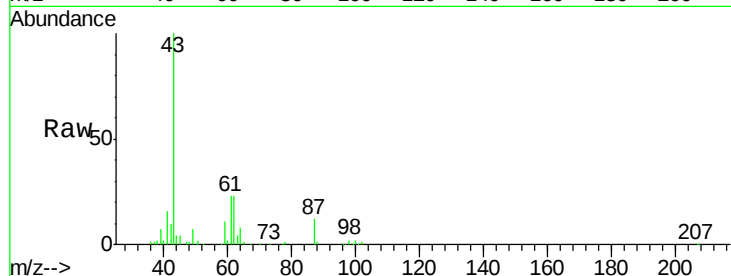
ClientSampleId :

VW1003SBS01

Tot Ion:	43	Resp:	74084
Ion	Ratio	Lower	Upper
43	100		
61	31.4	25.5	38.3
87	13.2	11.0	16.4

Manual Integrations
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MMDadoda
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#44

Trichloroethene

Concen: 20.701 ug/l

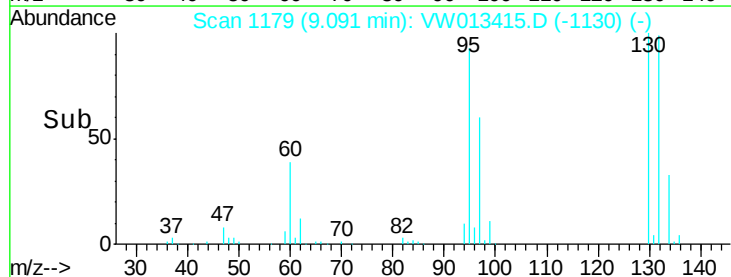
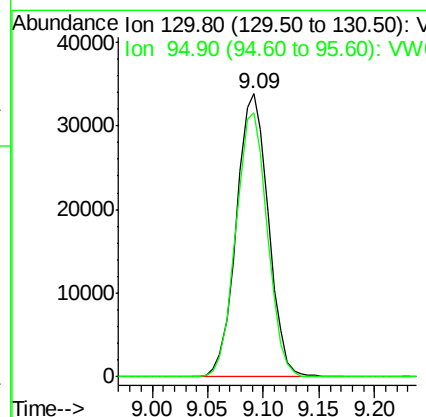
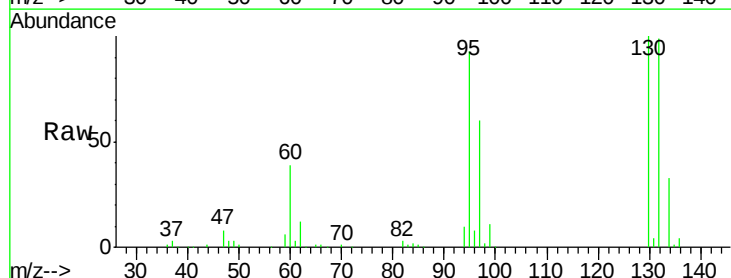
RT: 9.09 min Scan# 1179

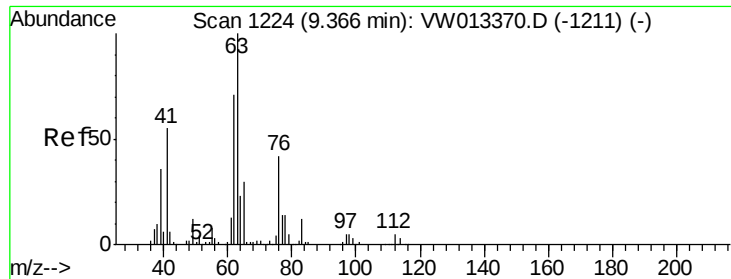
Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Tgt Ion:	130	Resp:	67276
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	188.0





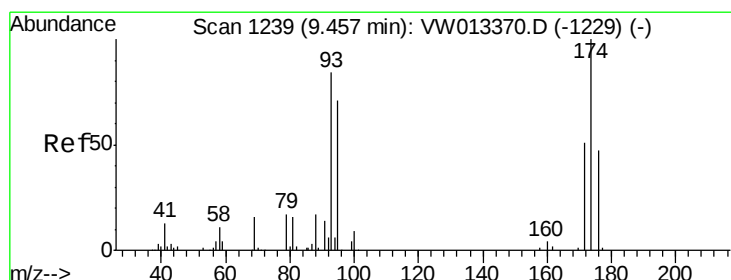
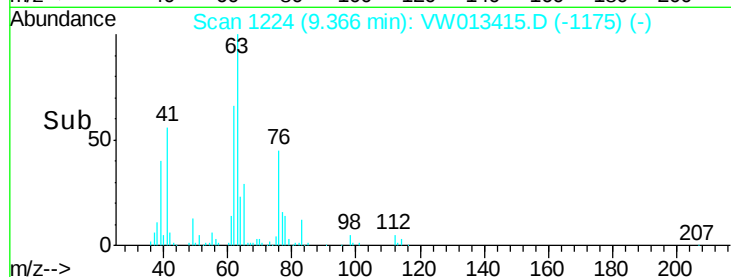
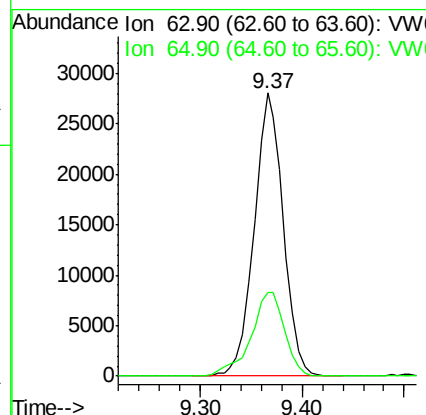
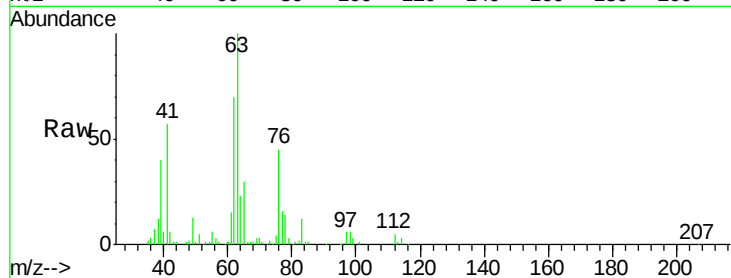
#45
 1,2-Dichloropropane
 Concen: 20.047 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBSD01

Tot Ion: 63 Resp: 55546
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.3 37.9

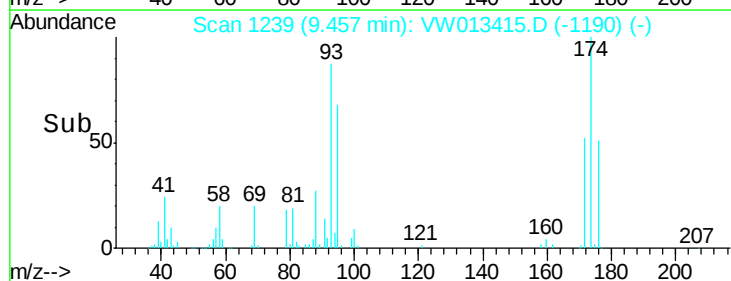
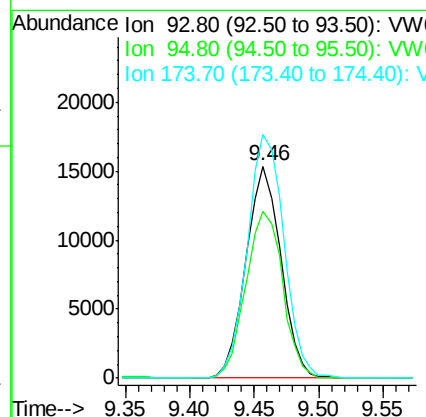
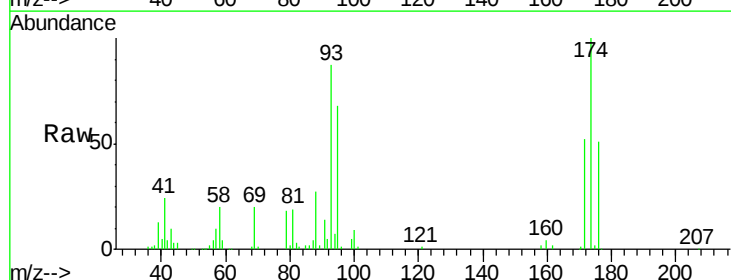
Manual Integrations
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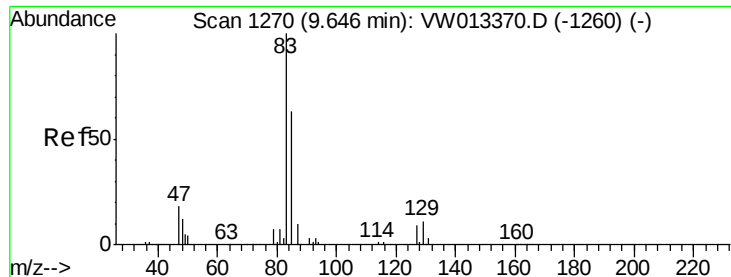
MMDadoda
 10/4/2019 12:07:19 PM



#46
 Dibromomethane
 Concen: 20.932 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Tgt Ion: 93 Resp: 28889
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.4 99.6
 174 120.5 93.0 139.6





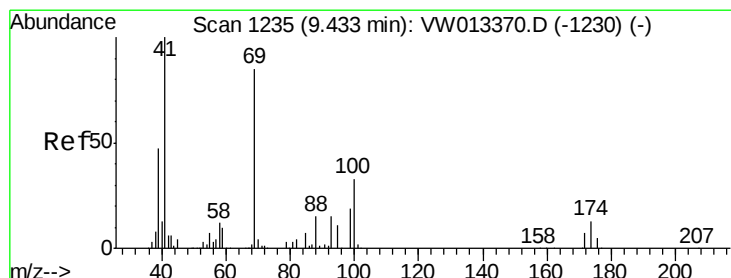
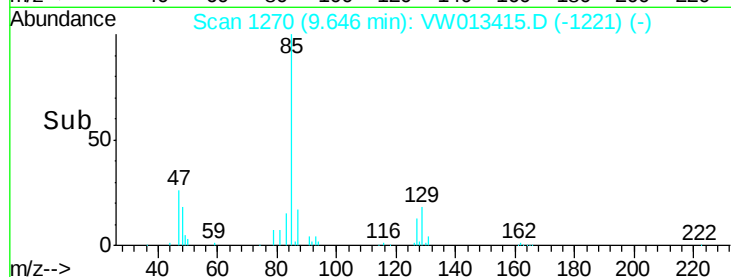
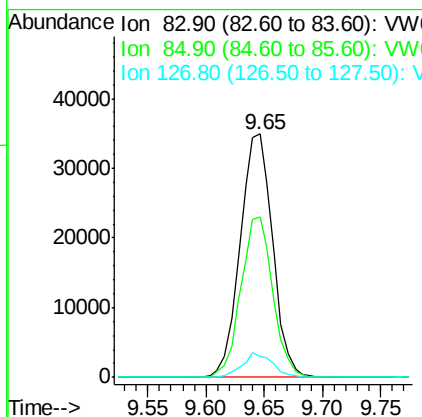
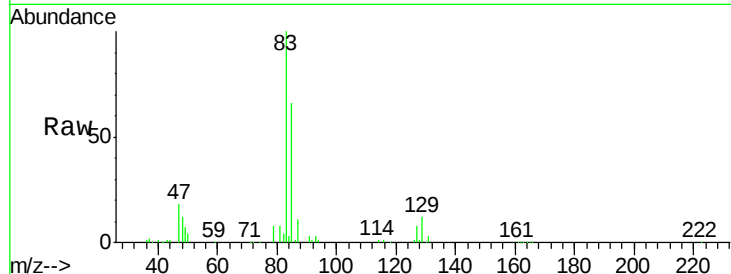
#47
Bromodichloromethane
Concen: 19.939 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	83	Resp	67743
Ion Ratio	100	Lower	Upper
83	100		
85	66.1	49.4	74.2
127	8.5	6.5	9.7

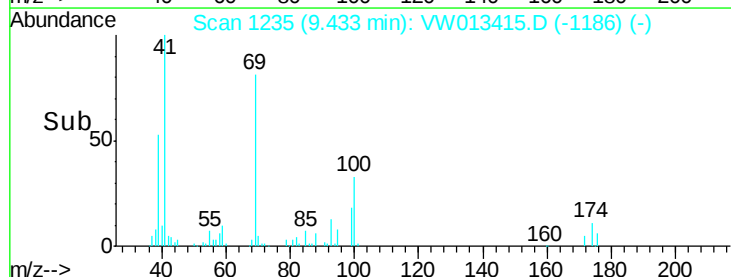
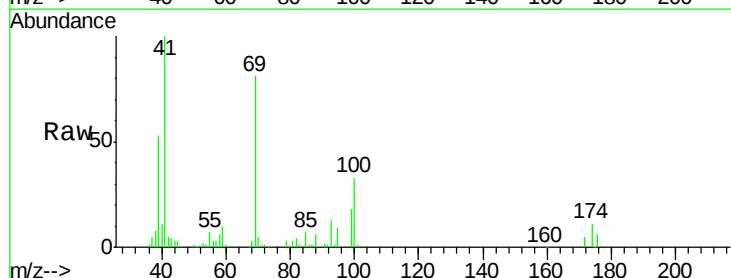
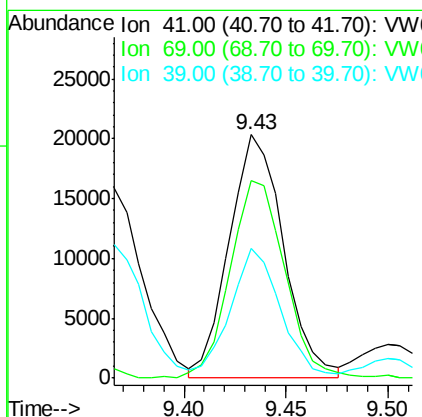
Manual Integrations
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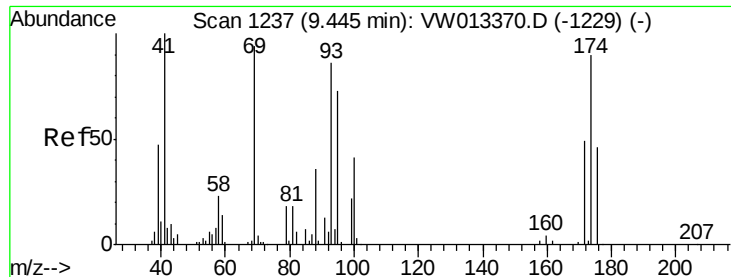
MMDadoda
10/4/2019 12:07:19 PM



#48
Methyl methacrylate
Concen: 23.174 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	41	Resp	37706
Ion Ratio	100	Lower	Upper
41	100		
69	82.0	69.7	104.5
39	45.5	41.1	61.7





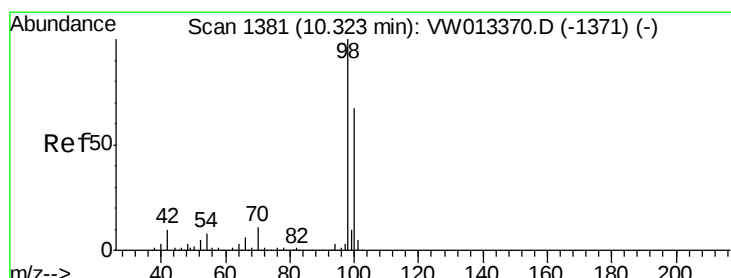
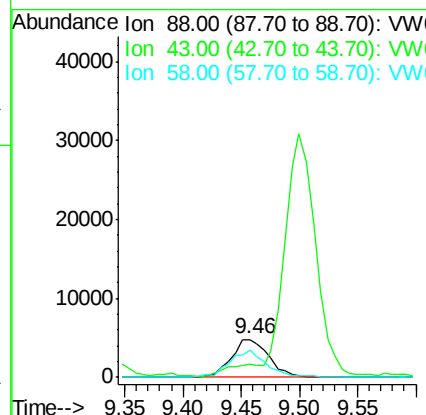
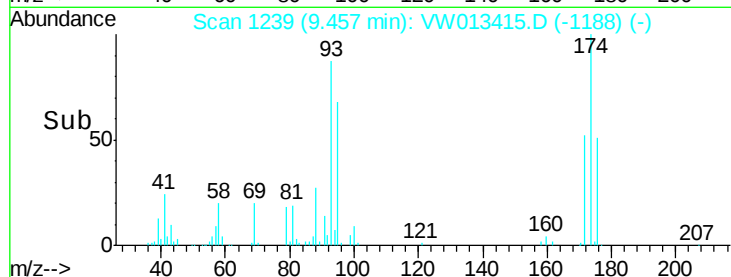
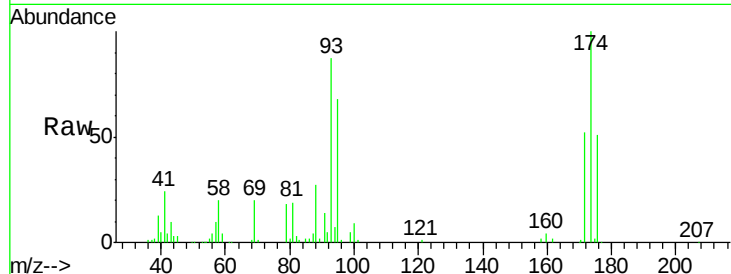
#49
1,4-Dioxane
Concen: 496.323 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.5	65.4	98.0

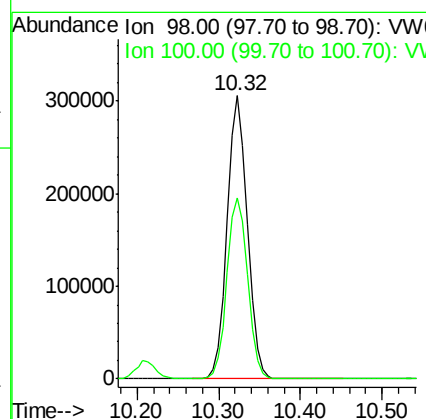
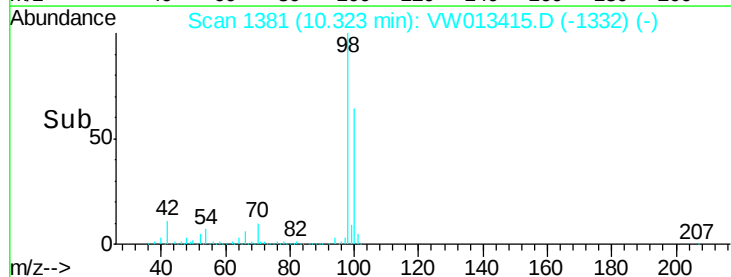
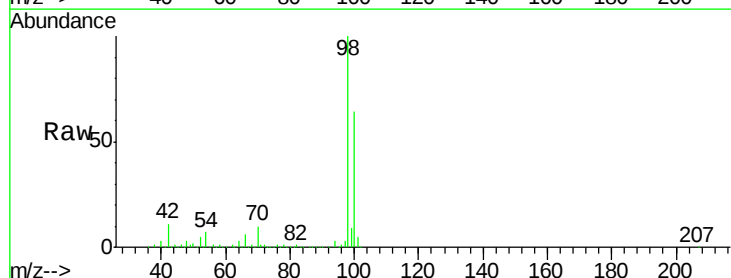
Manual Integrations
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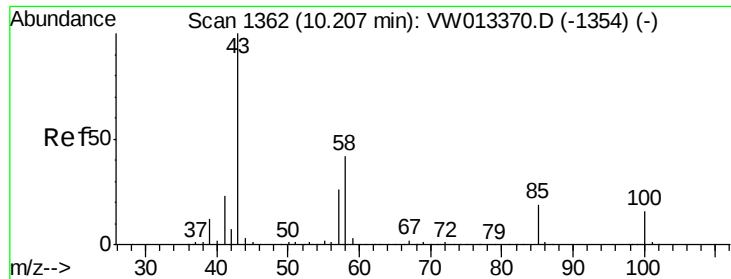
MMDadoda
10/4/2019 12:07:19 PM



#50
Toluene-d8
Concen: 54.605 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





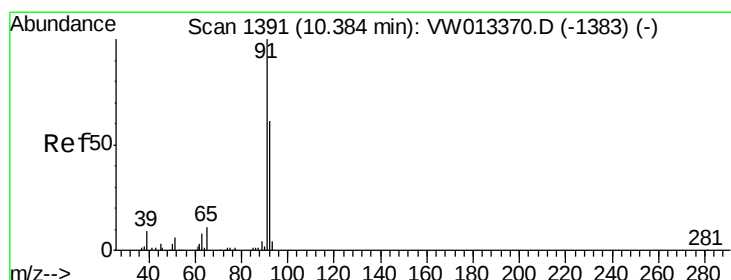
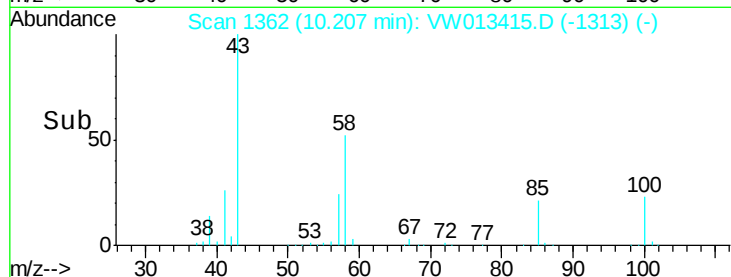
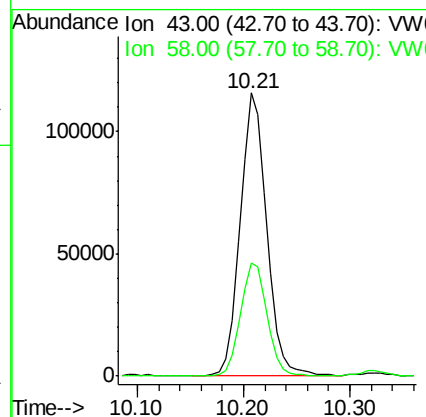
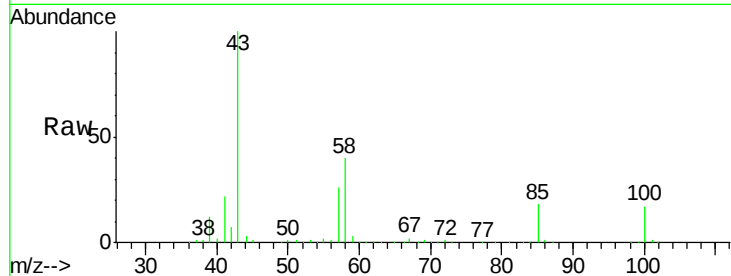
#51
4-Methyl-2-Pentanone
Concen: 113.624 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampled :
VW1003SBS01

Tot Ion	43	58	Ratio	Lower	Upper	Resp
202157	100	40.5		31.7	47.5	

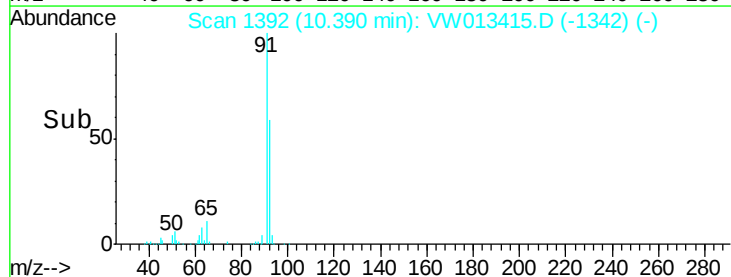
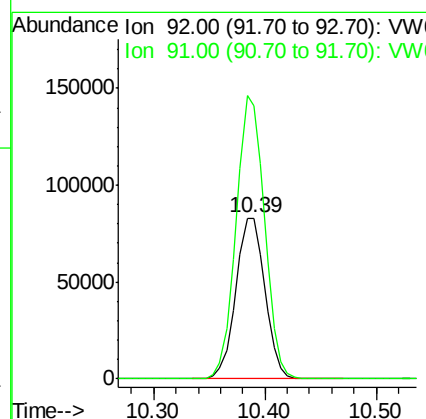
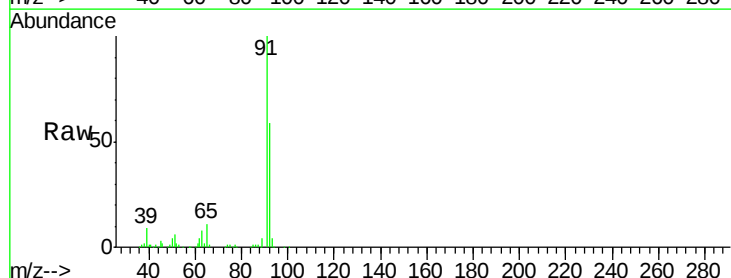
Manual Integrations
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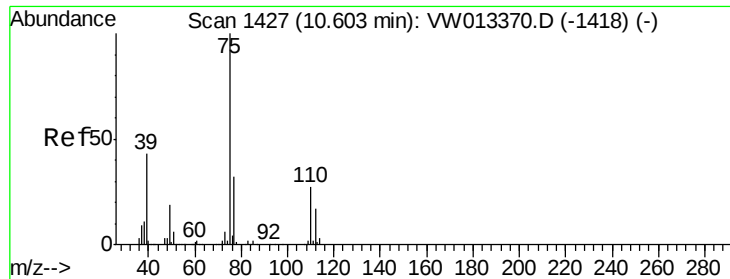
MMDadoda
10/4/2019 12:07:19 PM



#52
Toluene
Concen: 20.194 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	92	91	Ratio	Lower	Upper	Resp
150319	100	171.6		135.7	203.5	





#53

t-1,3-Dichloropropene

Concen: 20.023 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

Tot Ion: 75 Resp: 70761

Ion Ratio Lower Upper

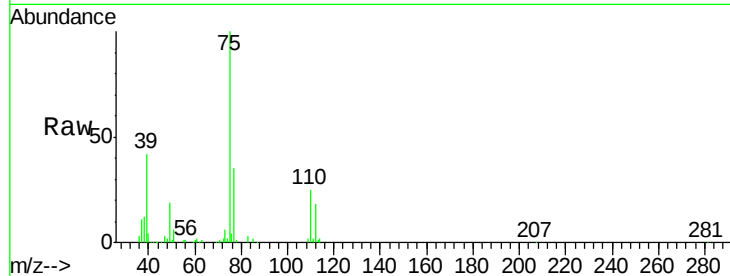
75 100

77 34.7 25.5 38.3

Manual Integrations
APPROVED

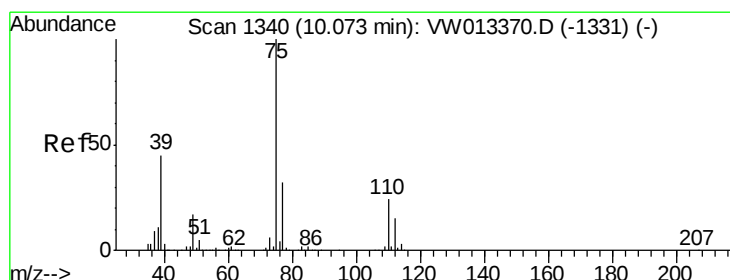
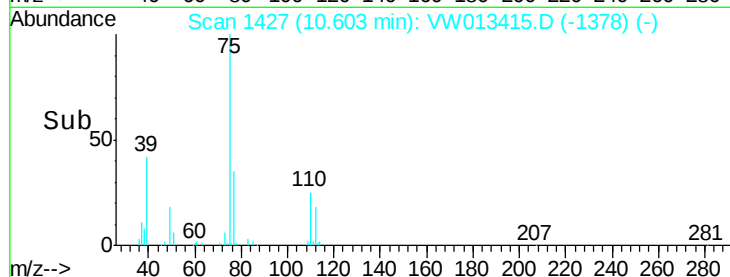
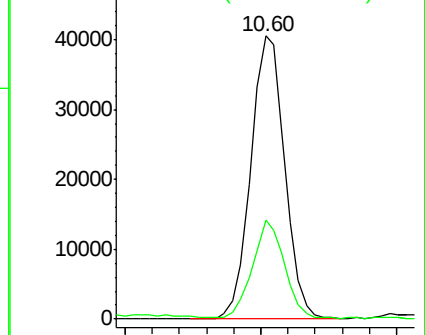
MMDadoda

10/4/2019 12:07:19 PM



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 19.954 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

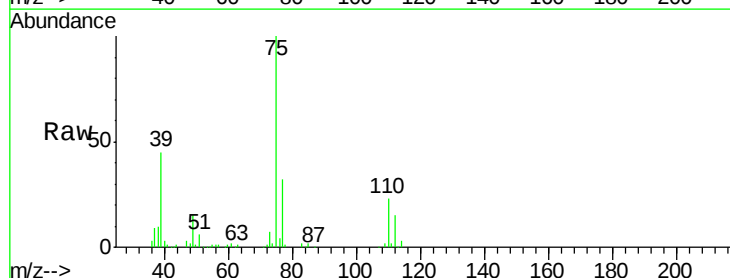
Tgt Ion: 75 Resp: 85497

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

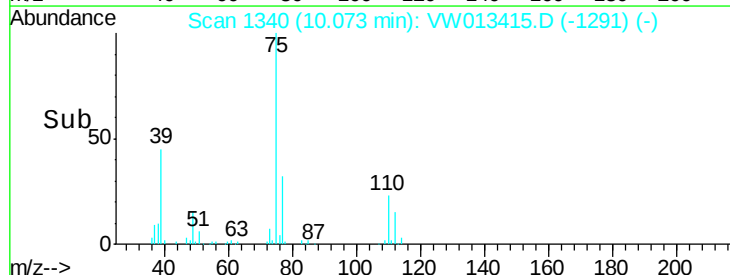
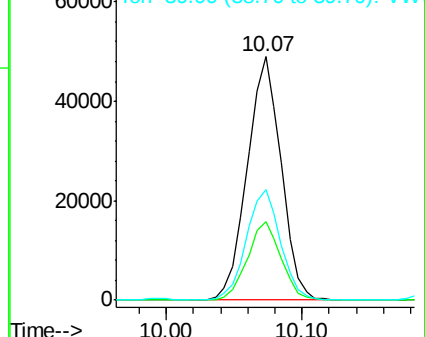
39 45.2 36.6 55.0

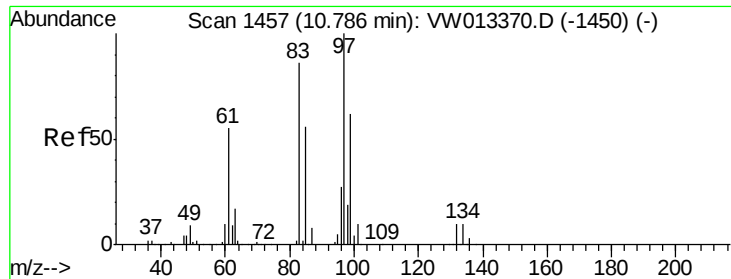


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





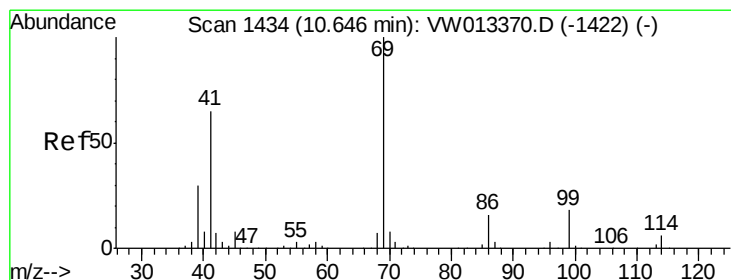
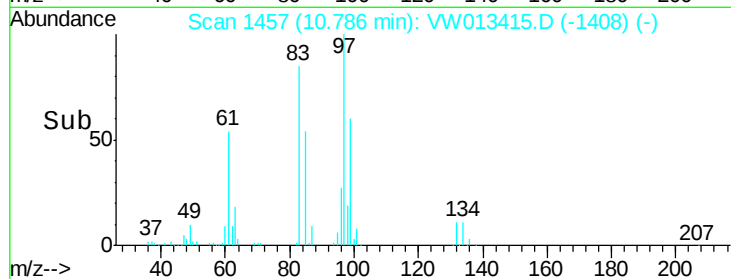
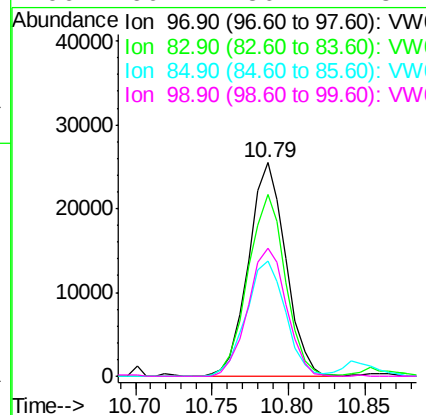
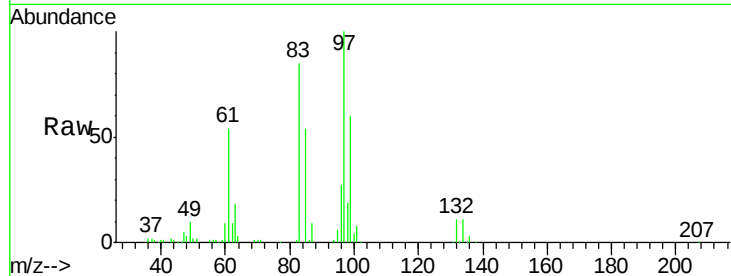
#55
1,1,2-Trichloroethane
Concen: 20.956 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		43145		
83	84.9	67.6	101.4		
85	53.9	41.9	62.9		
99	60.2	50.1	75.1		

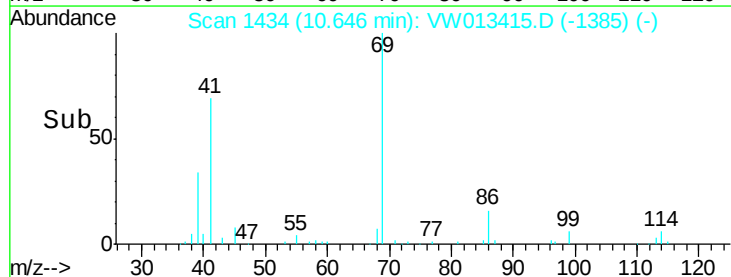
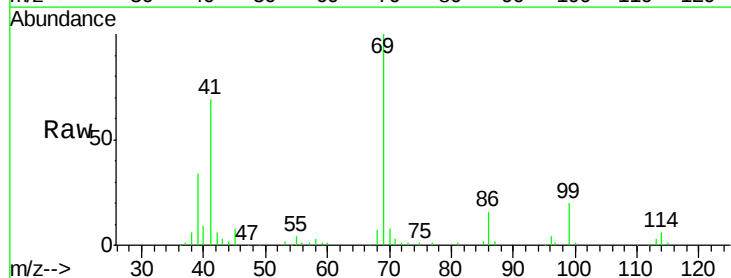
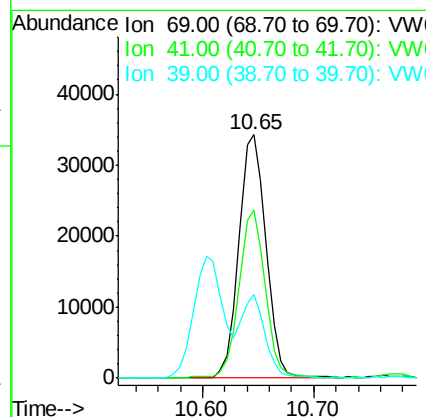
Manual Integrations
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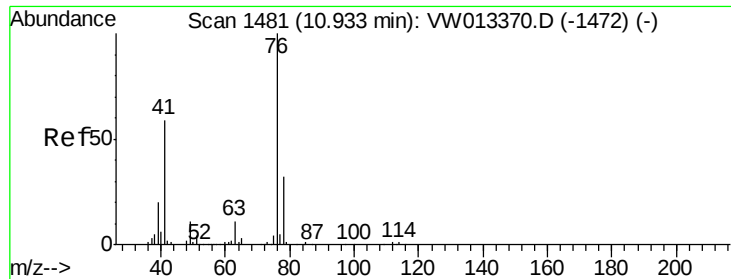
MMDadoda
10/4/2019 12:07:19 PM



#56
Ethyl methacrylate
Concen: 20.885 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		57875		
41	67.6	53.9	80.9		
39	30.4	23.8	35.6		





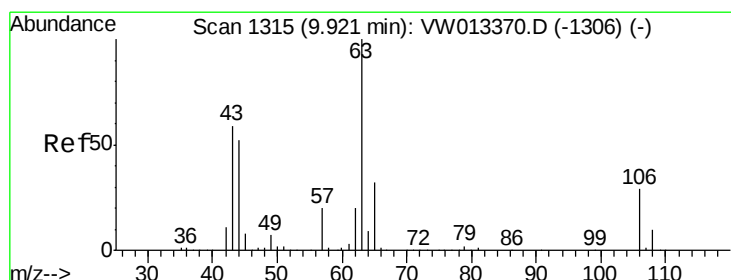
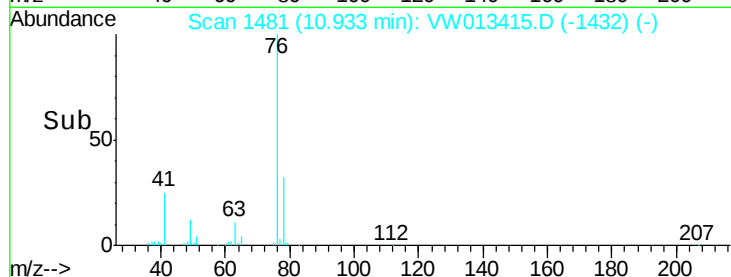
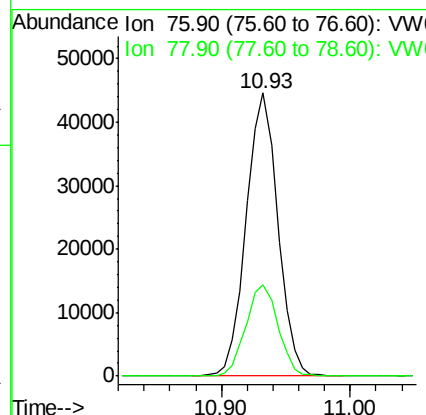
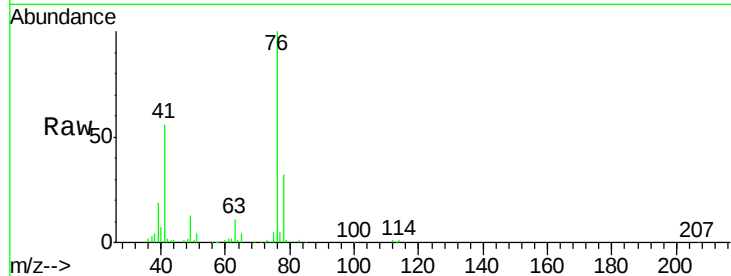
#57
 1,3-Dichloropropane
 Concen: 21.108 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Tot Ion: 76 Resp: 75550
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.5 38.3

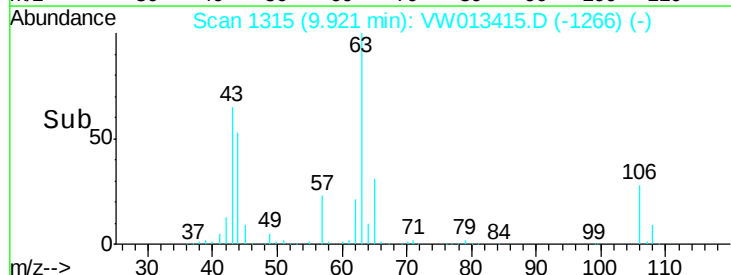
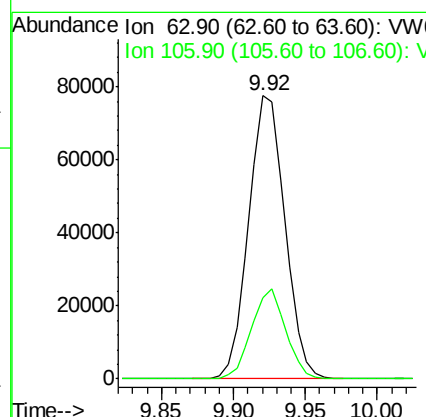
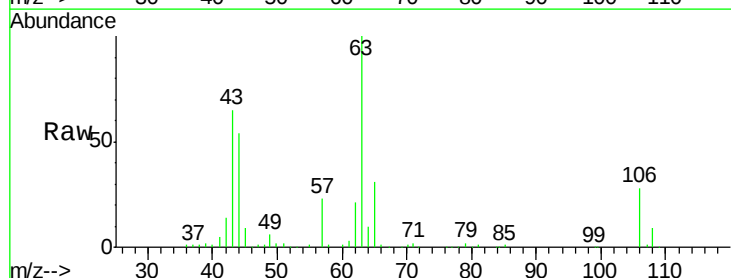
Manual Integrations
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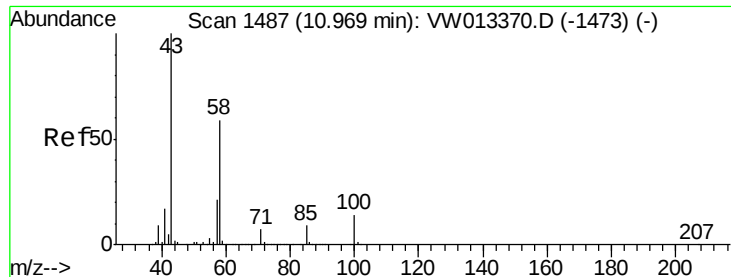
MMDadoda
 10/4/2019 12:07:19 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.559 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Tgt Ion: 63 Resp: 134961
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.4 35.0





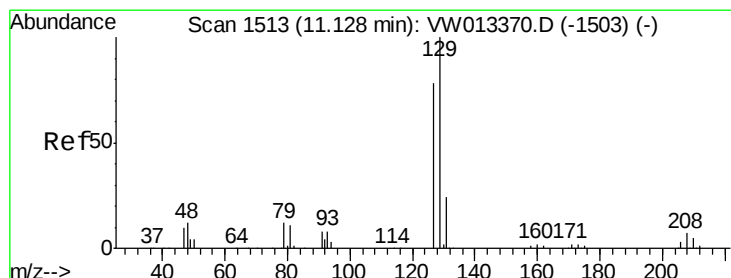
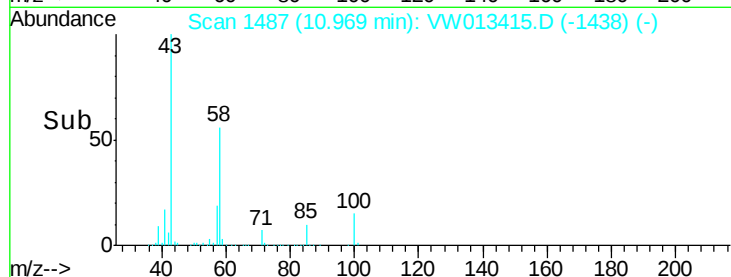
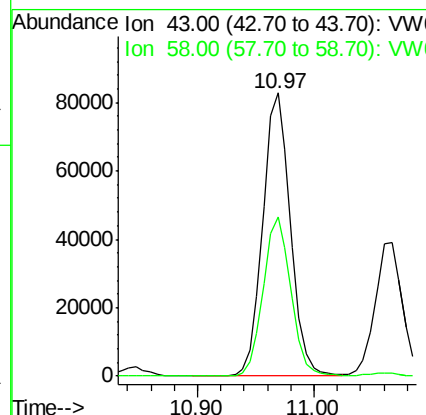
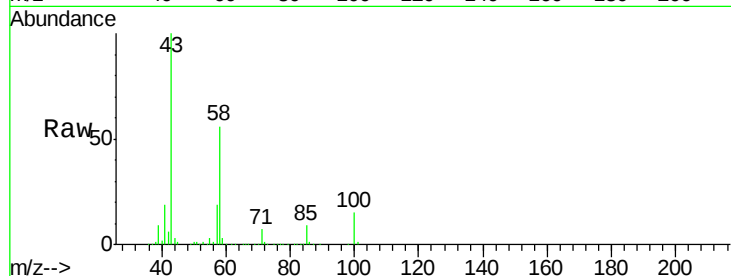
#59
2-Hexanone
Concen: 111.341 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Tot Ion: 43 Resp: 137306
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.2

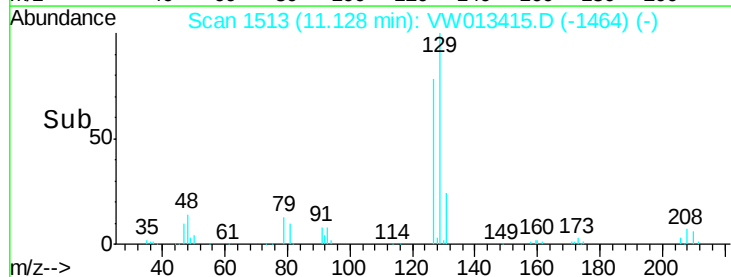
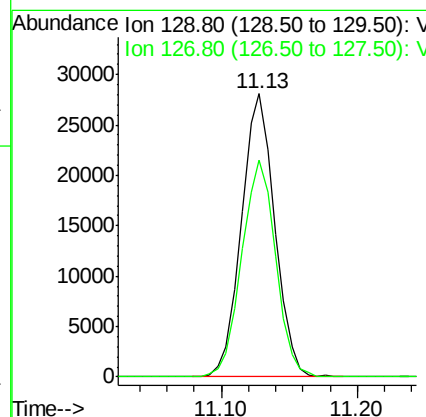
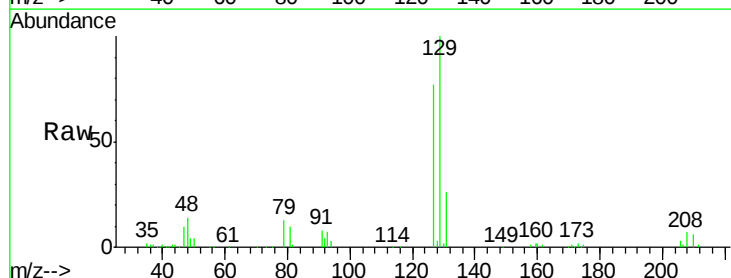
Manual Integrations
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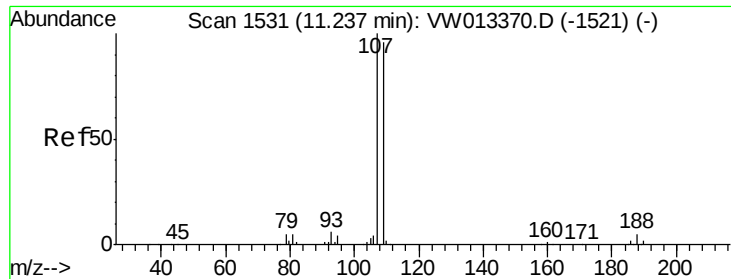
MMDadoda
10/4/2019 12:07:19 PM



#60
Dibromochloromethane
Concen: 20.375 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion: 129 Resp: 47989
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 21.040 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

Tot Ion: 107 Resp: 41859

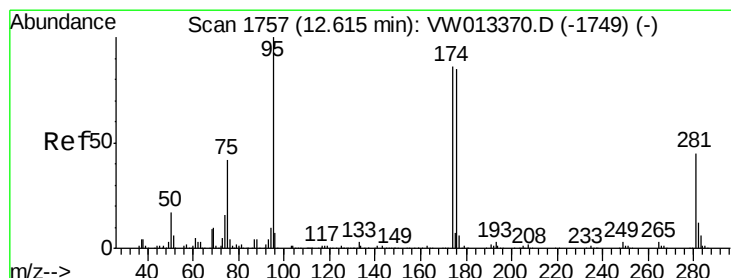
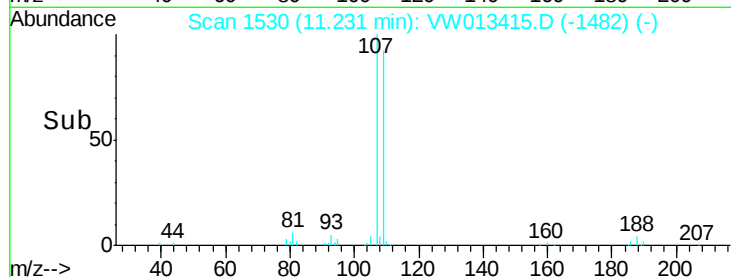
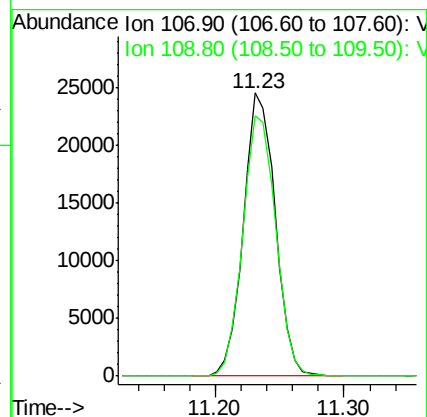
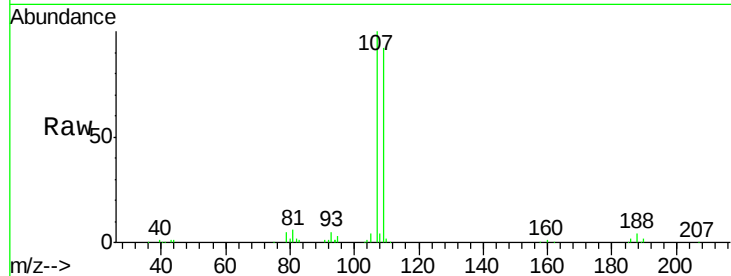
Ion Ratio Lower Upper

107 100

109 95.5 75.2 112.8

Manual Integrations
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MMDadoda
10/4/2019 12:07:19 PM



#62

4-Bromofluorobenzene

Concen: 54.355 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

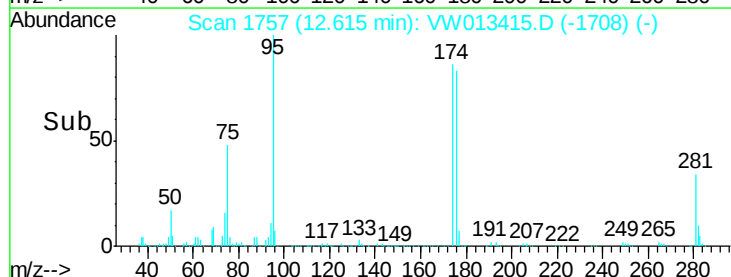
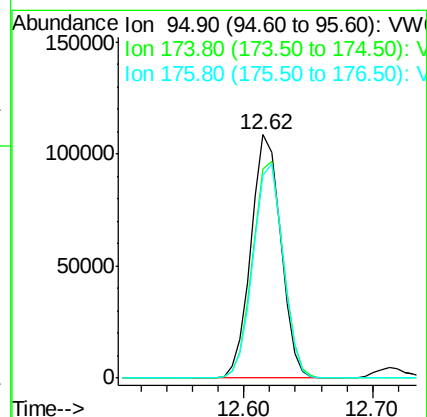
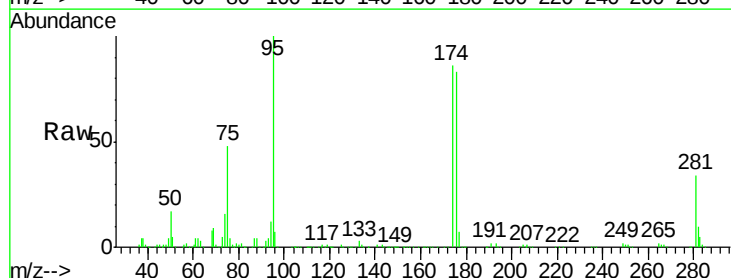
Tgt Ion: 95 Resp: 173482

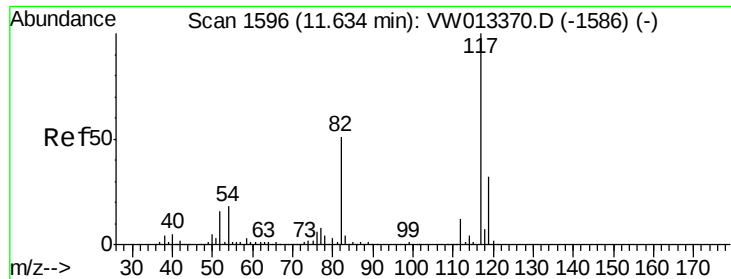
Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.4

176 88.4 0.0 172.2





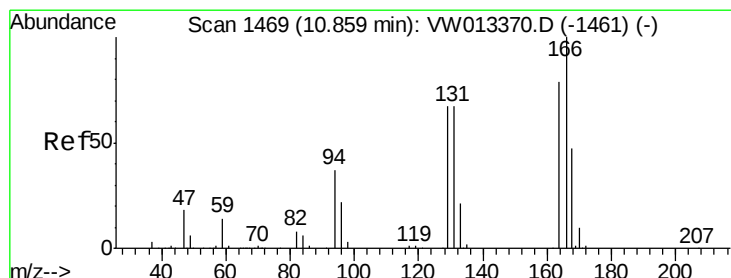
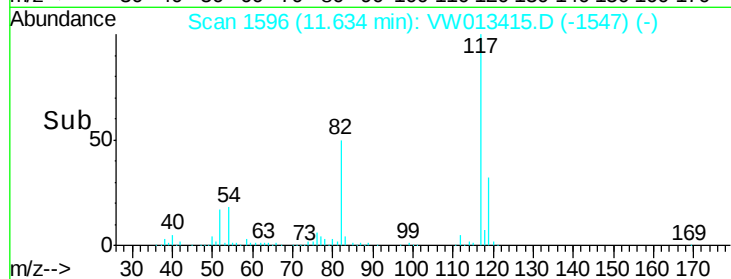
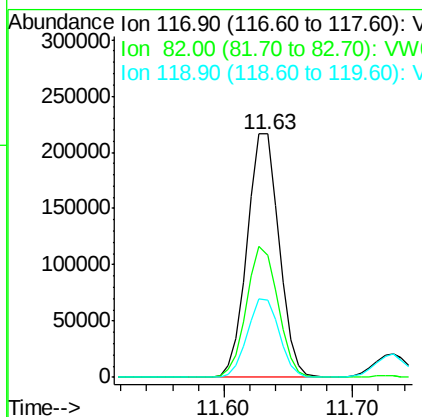
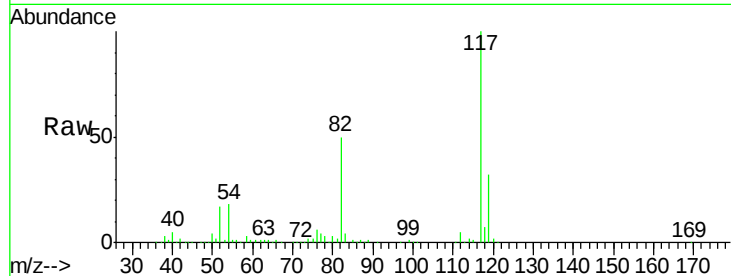
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	369999		
82	50.3	45.9	68.9	
119	31.7	26.2	39.2	

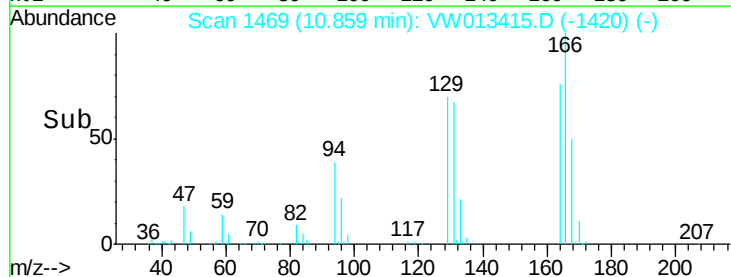
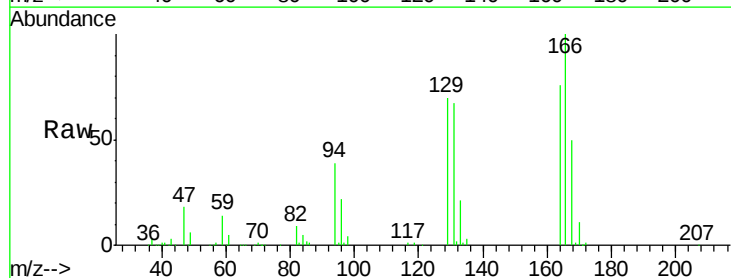
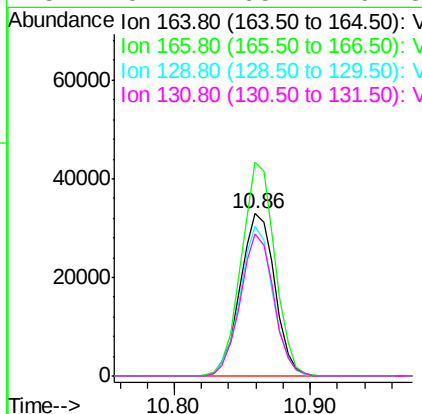
Manual Integrations
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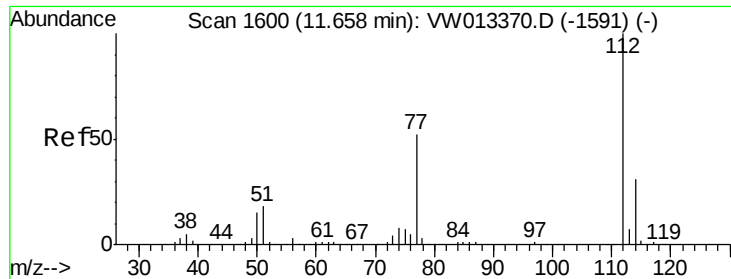
MMDadoda
10/4/2019 12:07:19 PM



#64
Tetrachloroethene
Concen: 20.776 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58482		
166	131.8	101.2	151.8	
129	92.6	68.8	103.2	
131	87.7	65.2	97.8	





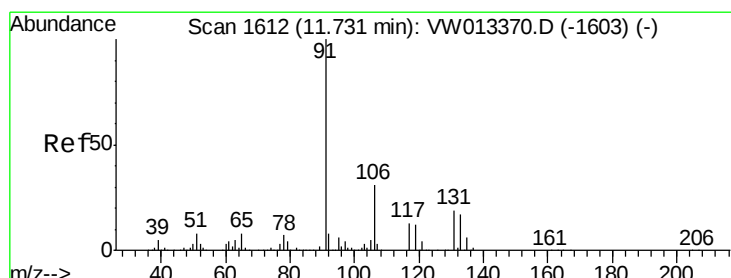
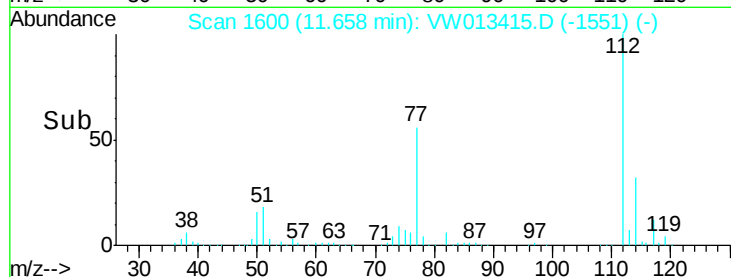
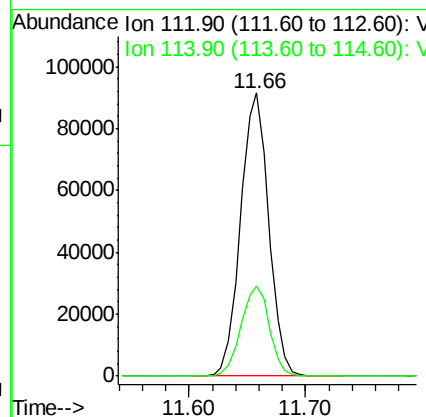
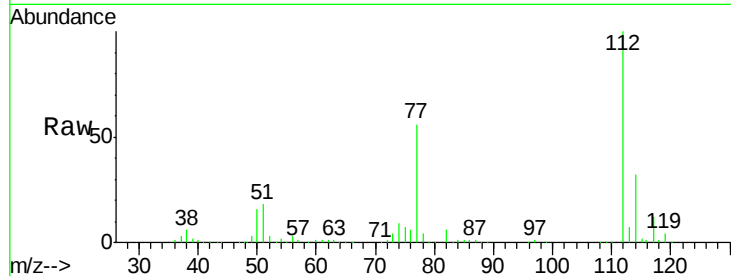
#65
Chlorobenzene
Concen: 20.358 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion:112 Resp: 154316
Ion Ratio Lower Upper
112 100
114 31.8 26.5 39.7

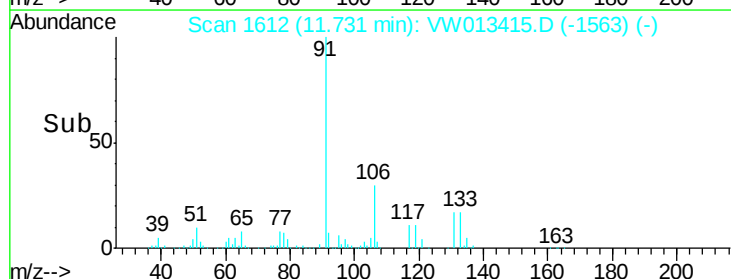
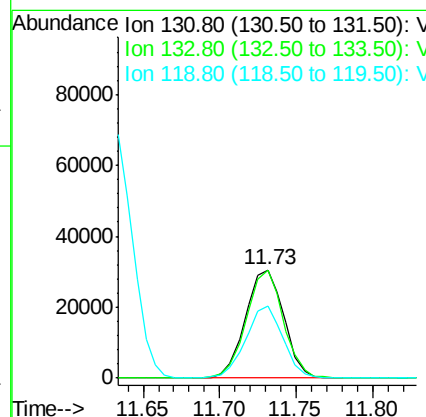
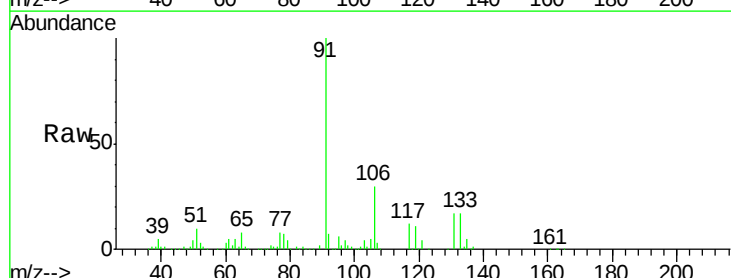
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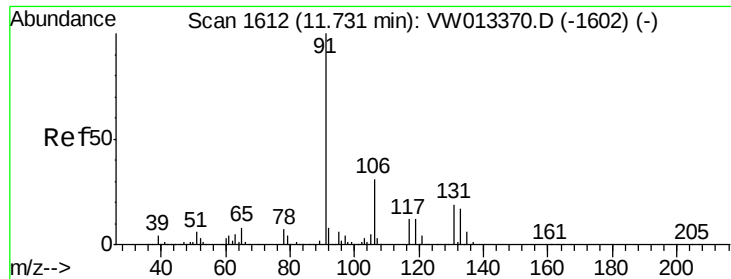
MMDadoda
10/4/2019 12:07:19 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.529 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion:131 Resp: 53000
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 65.0 32.5 97.5





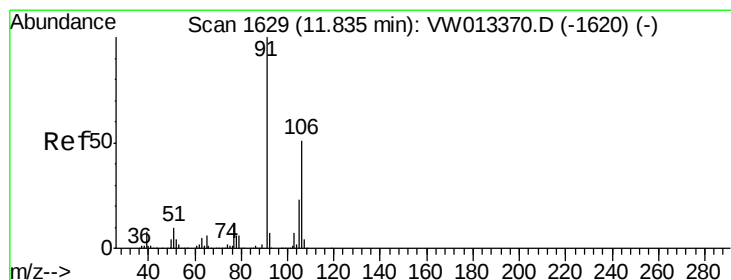
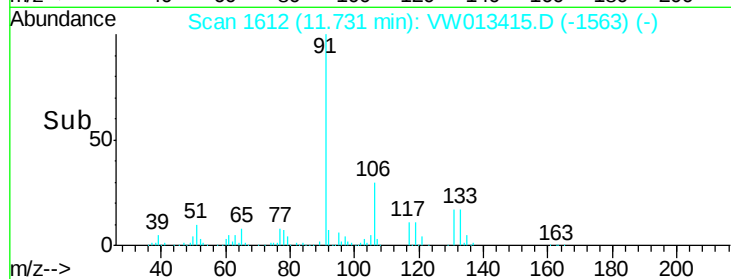
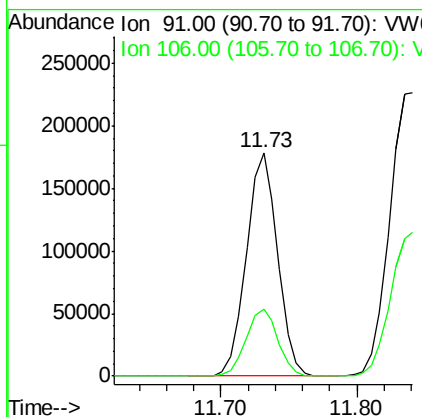
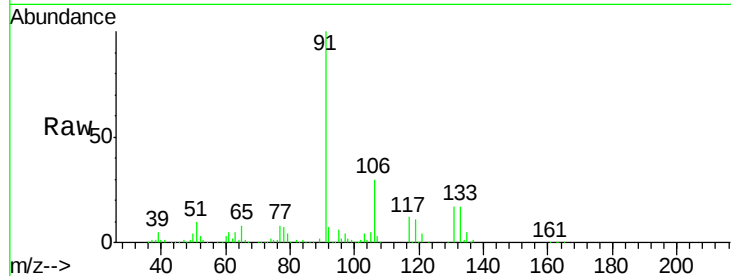
#67
Ethyl Benzene
Concen: 21.041 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion: 91 Resp: 285847
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

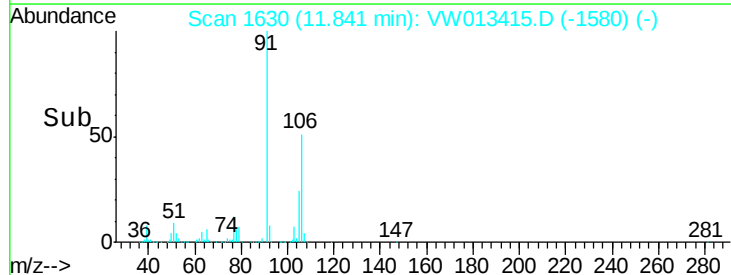
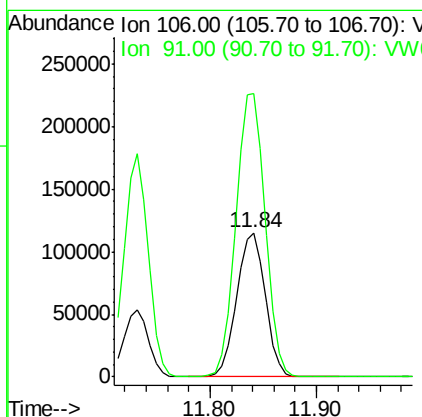
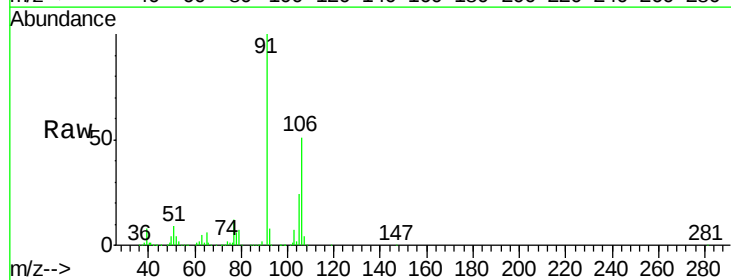
Manual Integrations
APPROVED

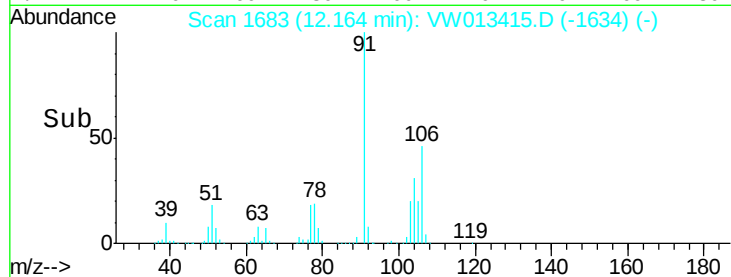
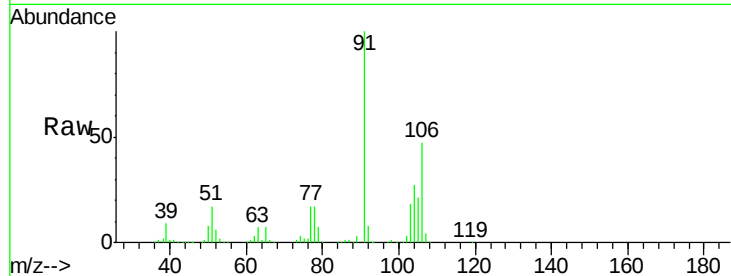
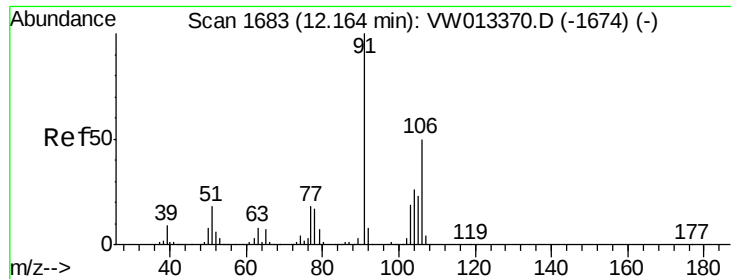
MMDadoda
10/4/2019 12:07:19 PM



#68
m/p-Xylenes
Concen: 41.428 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion: 106 Resp: 217245
Ion Ratio Lower Upper
106 100
91 200.4 157.9 236.9





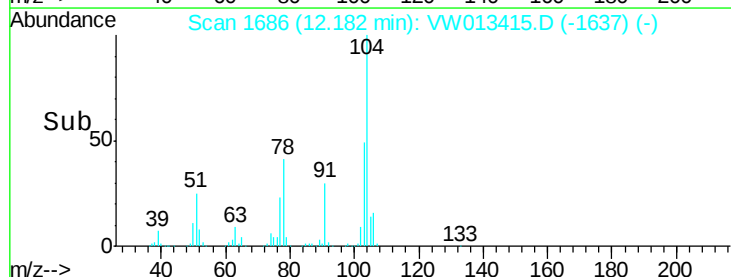
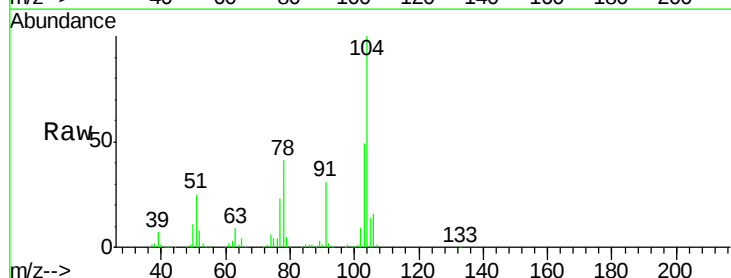
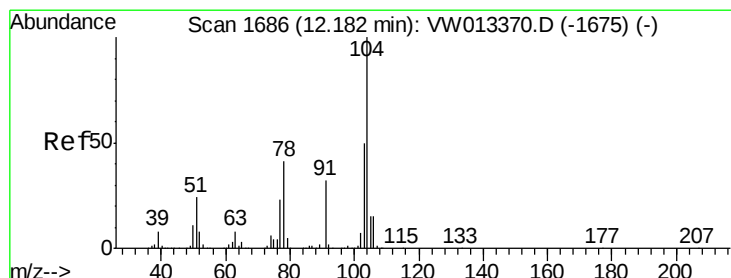
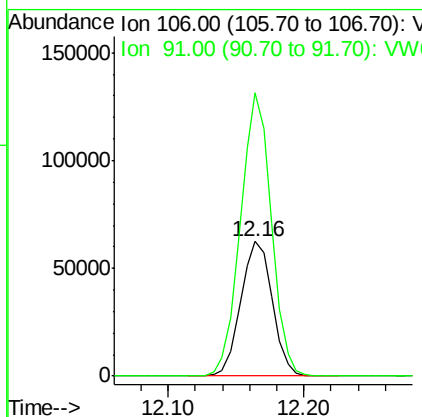
#69
o-Xylene
Concen: 20.798 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		100837		
91	206.3	106.5	319.5		

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

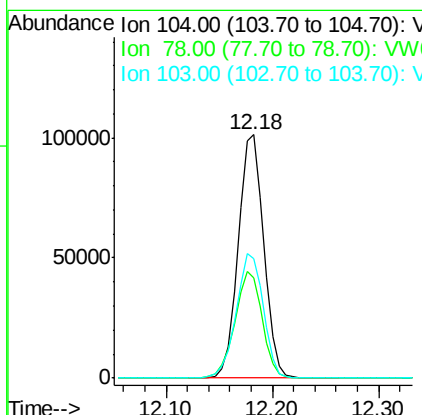
Manual Integrations
APPROVED

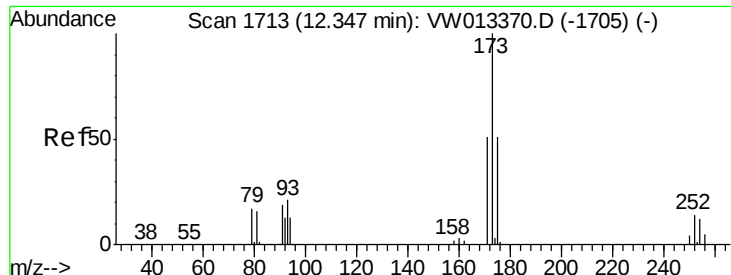
MMDadoda
10/4/2019 12:07:19 PM



#70
Styrene
Concen: 20.603 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		170759		
78	46.8	38.4	57.6		
103	54.4	43.3	64.9		





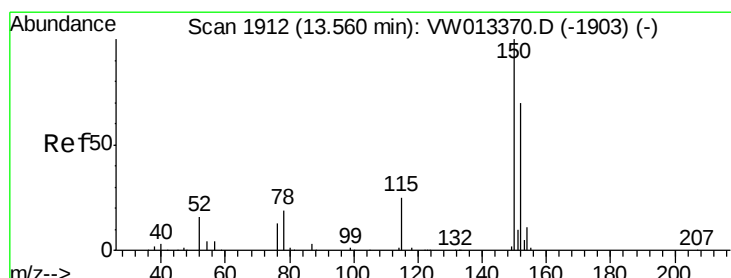
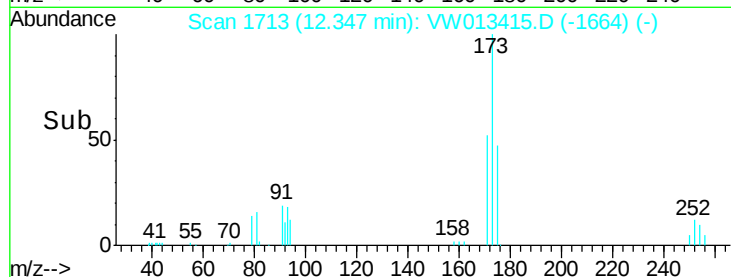
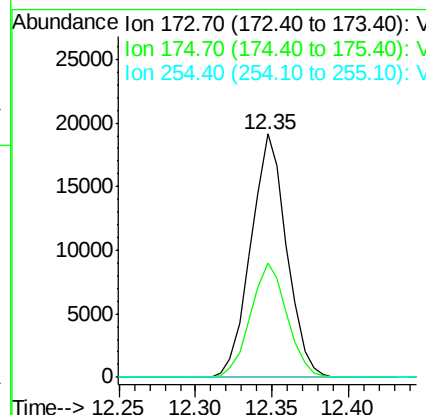
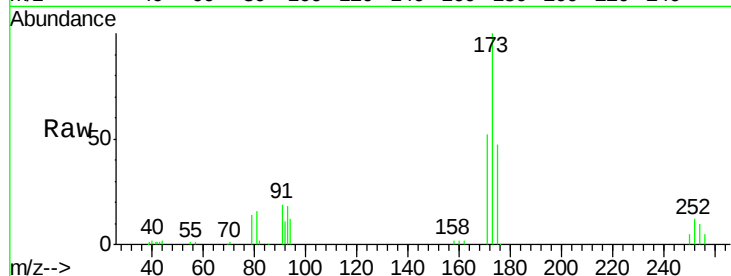
#71
Bromoform
Concen: 22.243 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	73.0
254	0.0	0.1	0.1

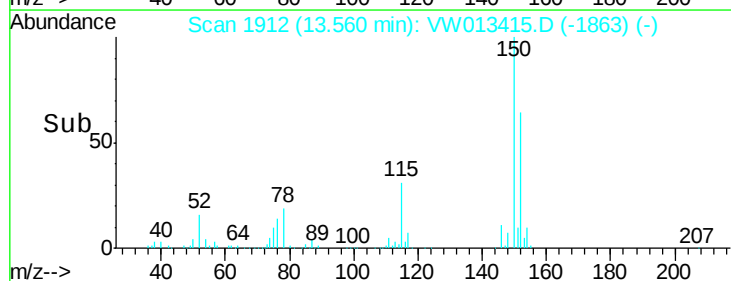
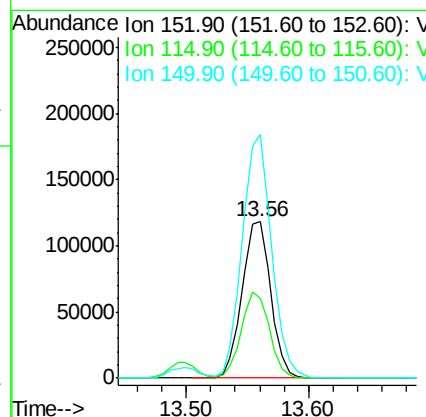
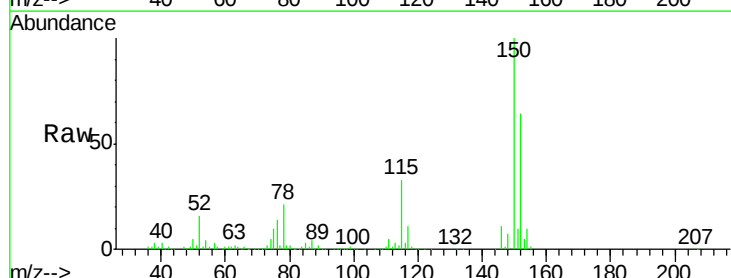
Manual Integrations
APPROVED

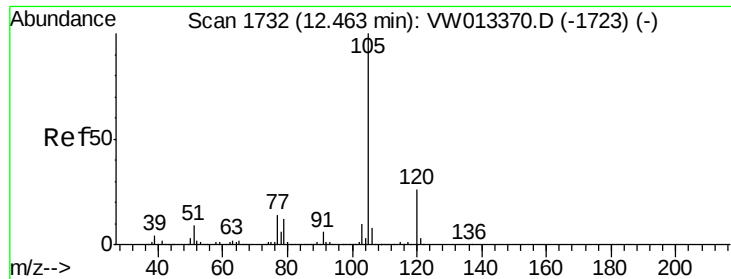
MMDadoda
10/4/2019 12:07:19 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.3	81.9
150	160.4	0.0	349.0





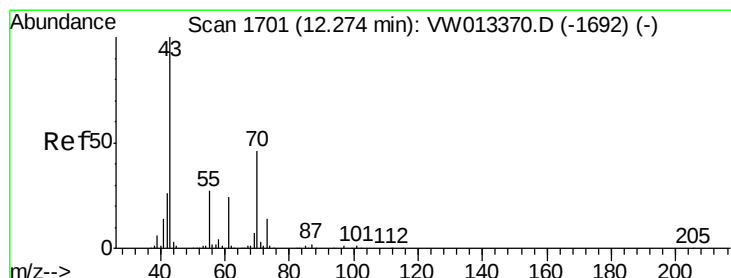
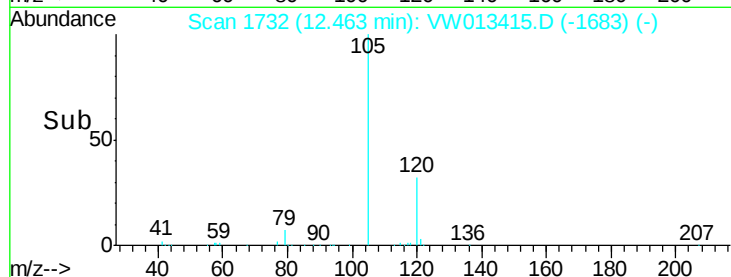
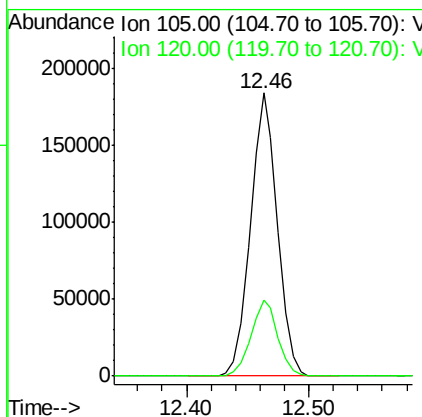
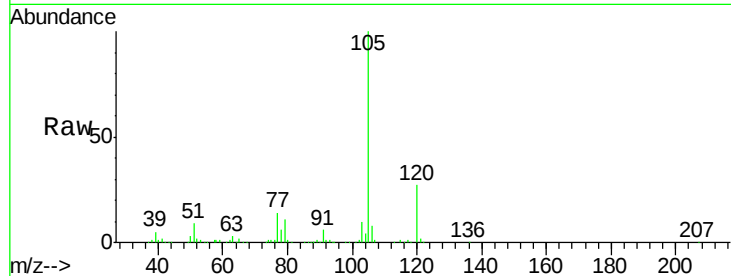
#73
Isopropylbenzene
Concen: 20.059 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.4	40.1

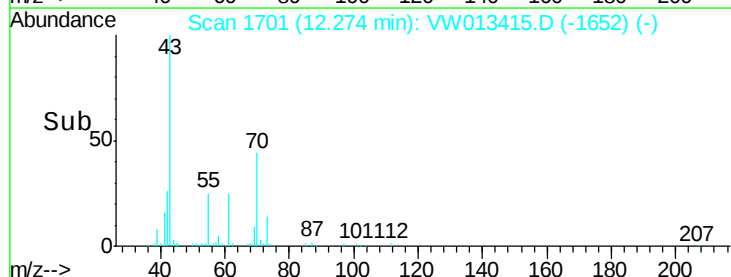
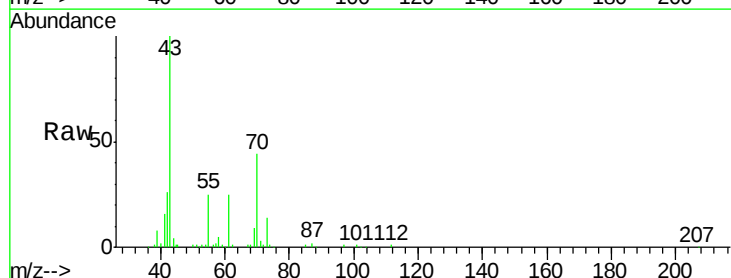
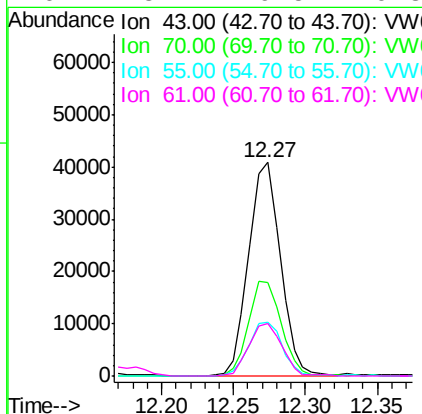
Manual Integrations
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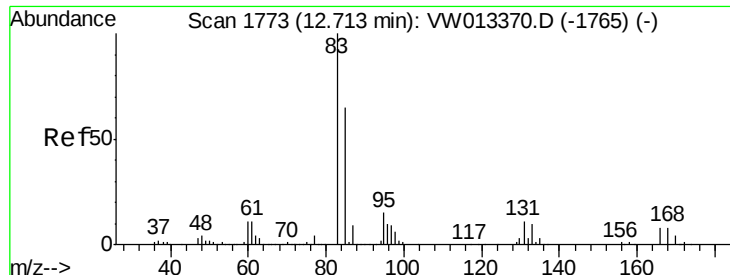
MMDadoda
10/4/2019 12:07:19 PM



#74
N-ethyl acetate
Concen: 21.114 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.1	35.1	52.7
55	27.0	19.9	29.9
61	25.7	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.822 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

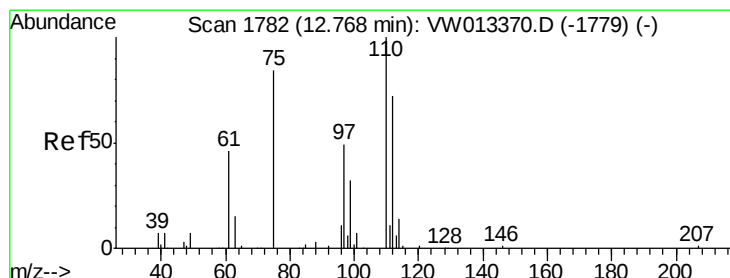
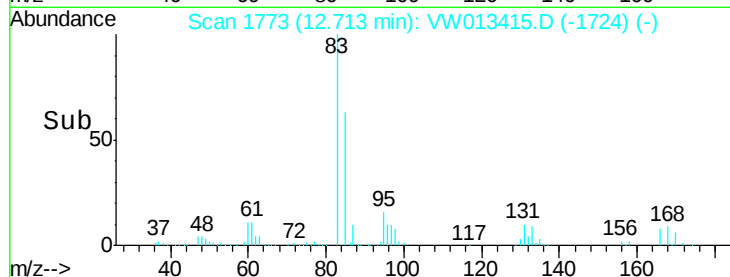
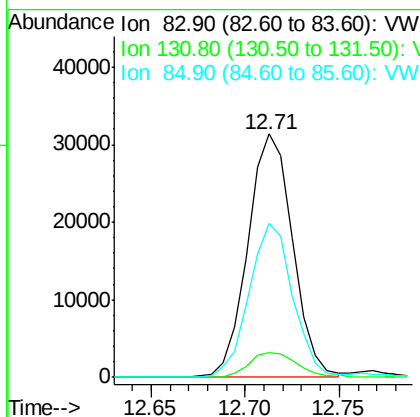
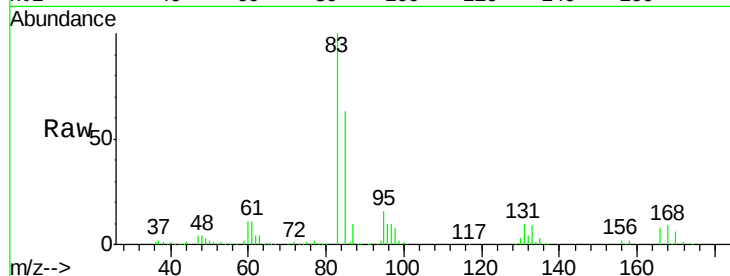
ClientSampleId :

VW1003SBS01

Tot Ion:	83	Resp:	51630
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.4	16.2
85	62.0	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 24.165 ug/l m

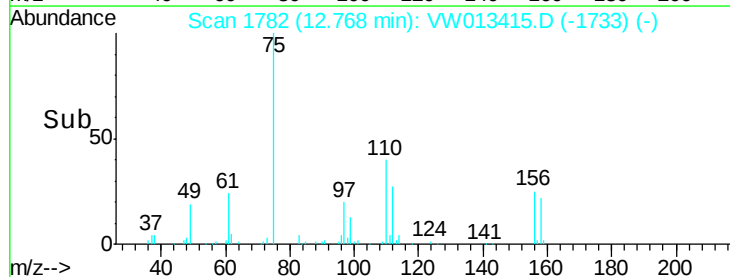
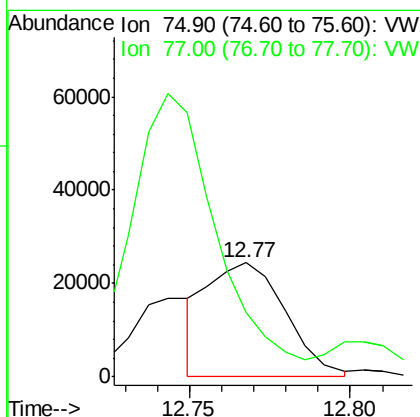
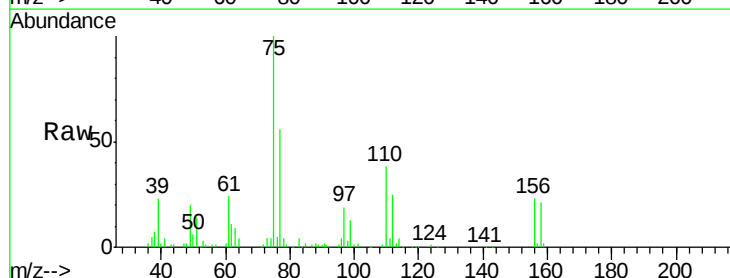
RT: 12.77 min Scan# 1782

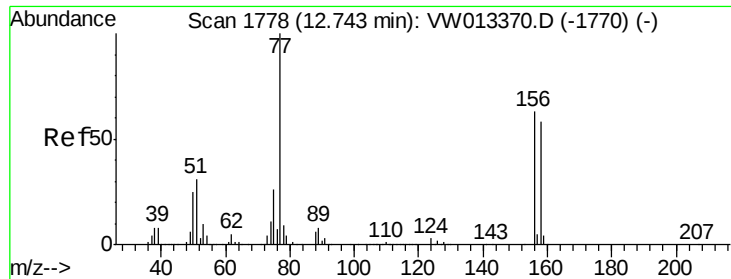
Delta R.T. 0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Tgt Ion:	75	Resp:	41043
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.784 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

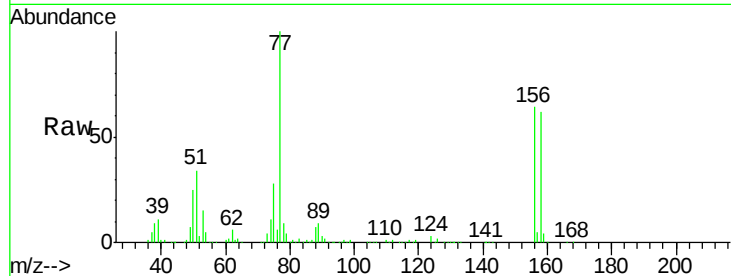
ClientSampleId :

VW1003SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.0	85.7	257.1
158	96.1	48.1	144.4

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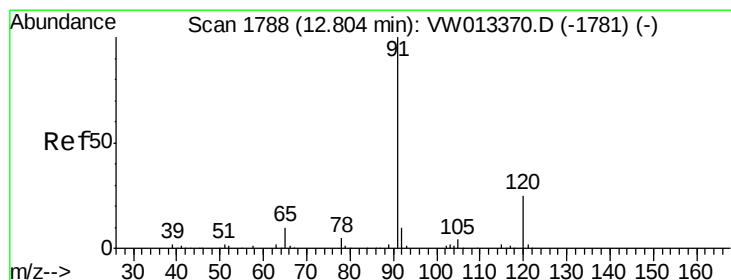
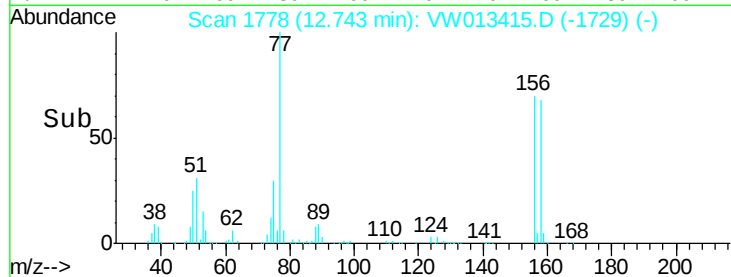
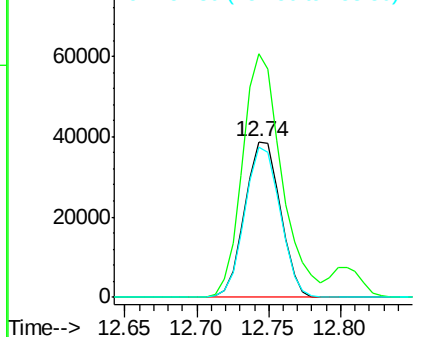
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.234 ug/l

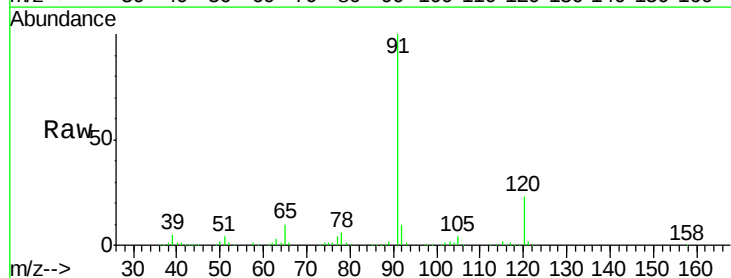
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013415.D

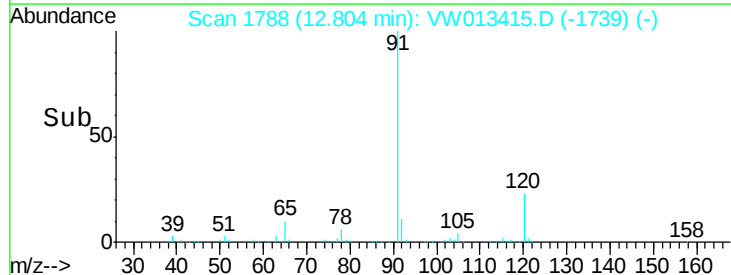
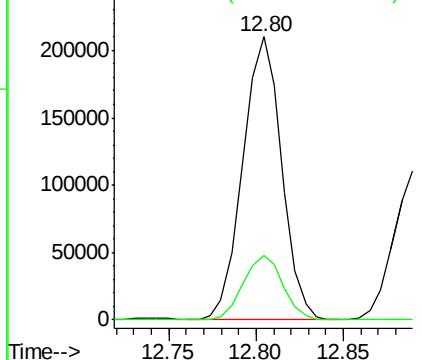
Acq: 03 Oct 2019 13:35

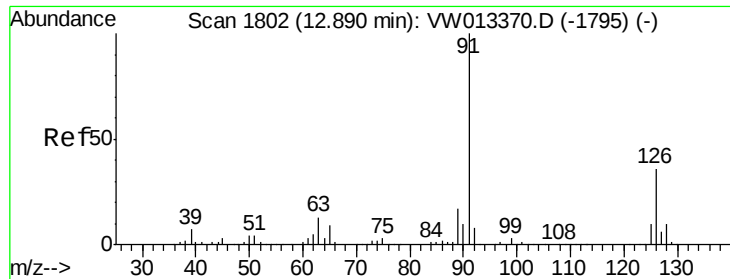
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





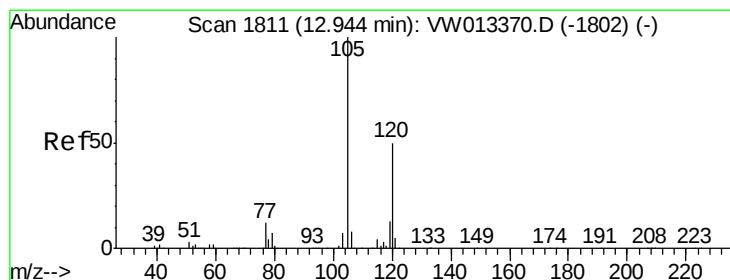
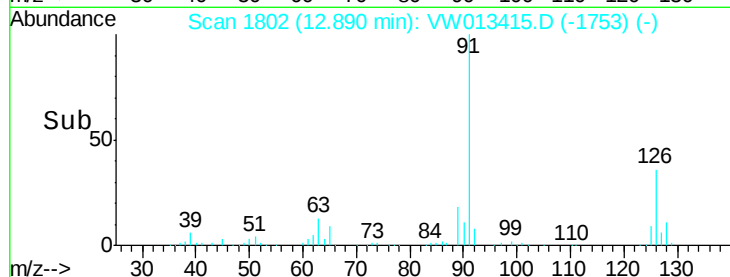
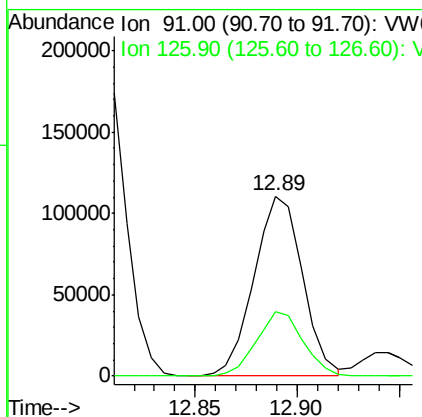
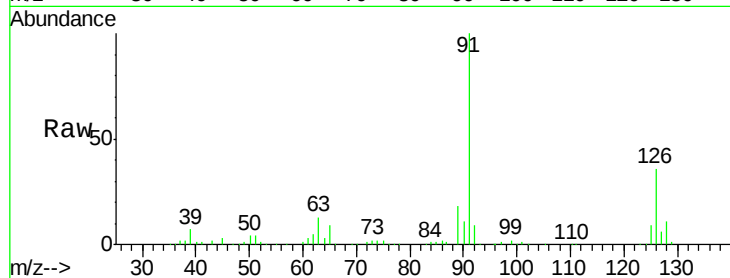
#79
2-Chlorotoluene
Concen: 20.447 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampled :
VW1003SBS01

Tot Ion: 91 Resp: 182612
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.5

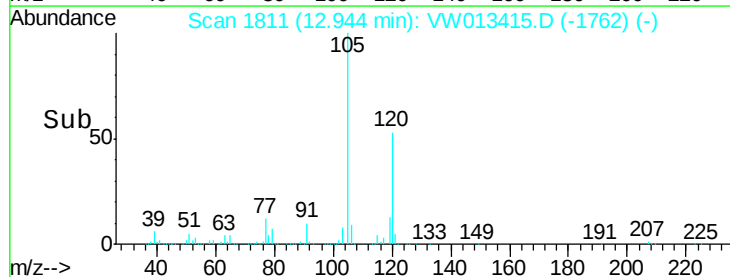
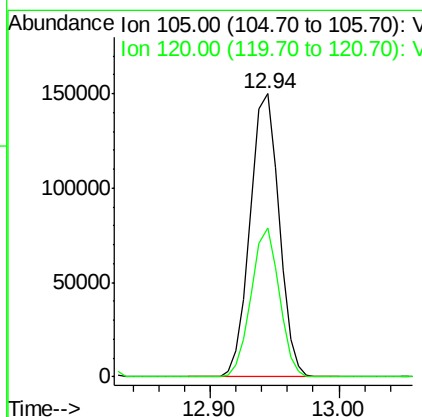
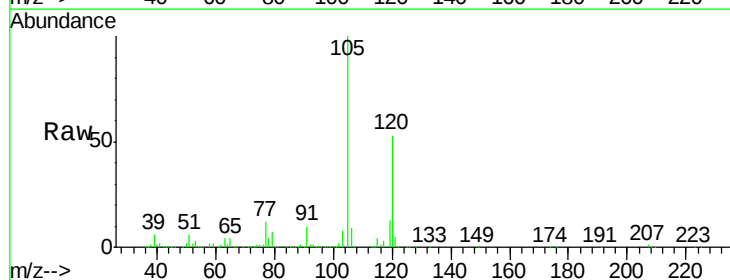
Manual Integrations
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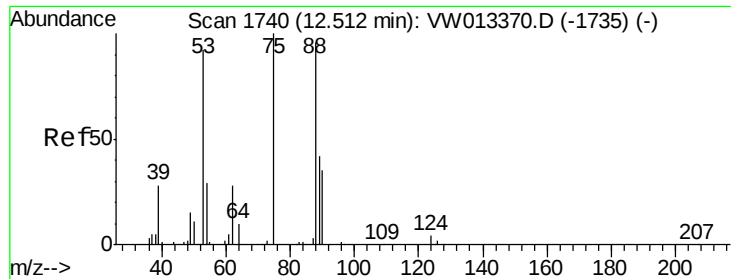
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.089 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion: 105 Resp: 233271
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.8





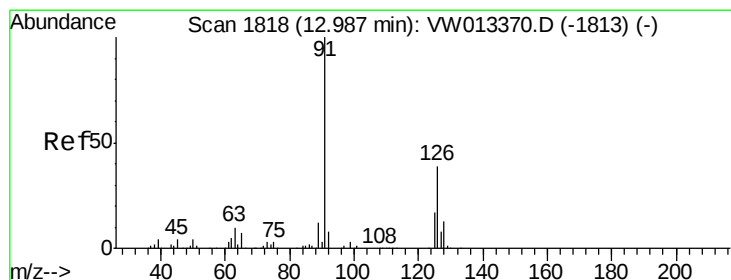
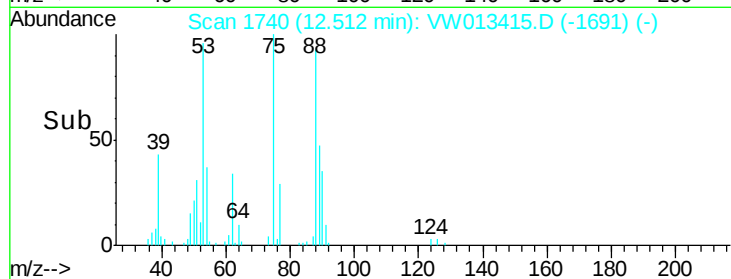
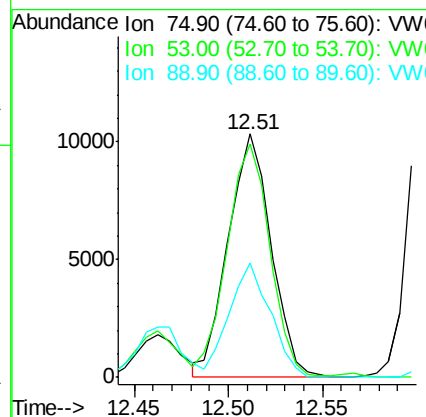
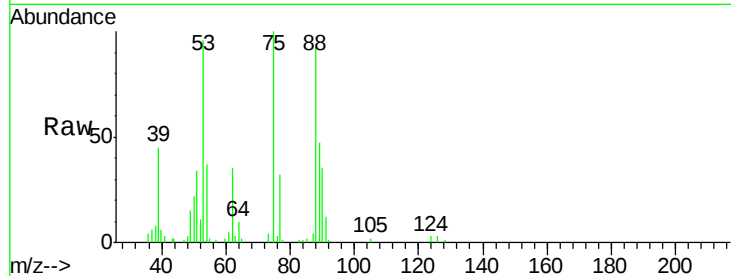
#81
trans-1,4-Dichloro-2-butene
Concen: 22.977 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.6	76.6	114.8
89	44.8	33.5	50.3

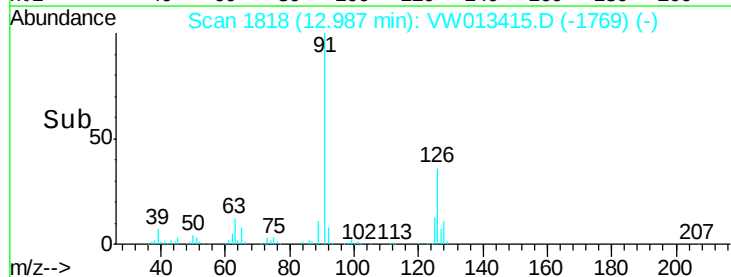
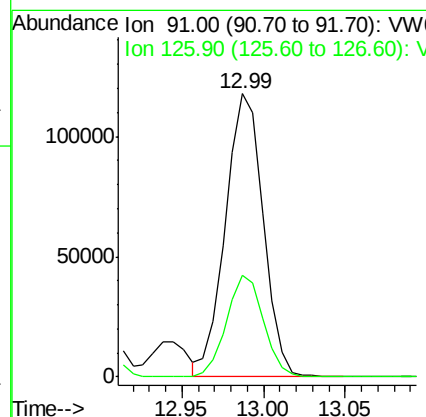
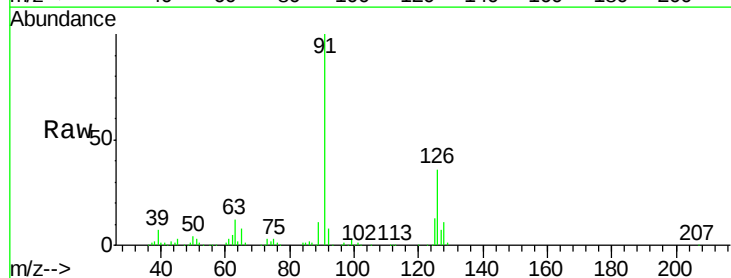
Manual Integrations
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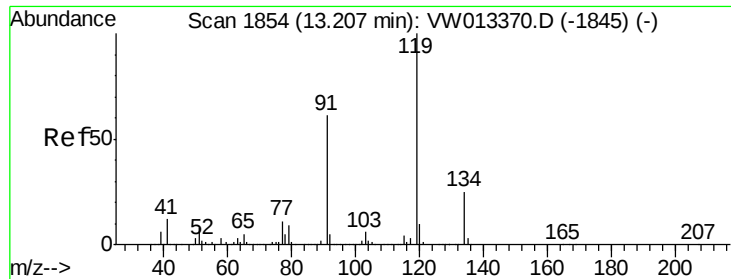
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#82
4-Chlorotoluene
Concen: 20.291 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	51.7





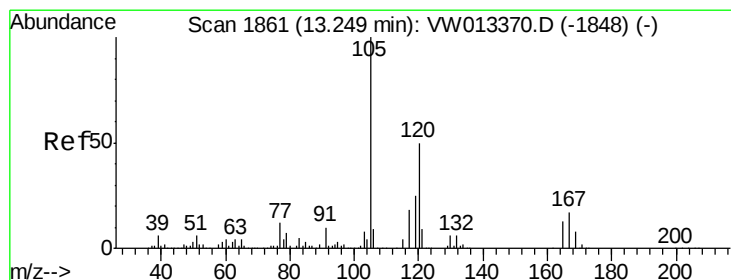
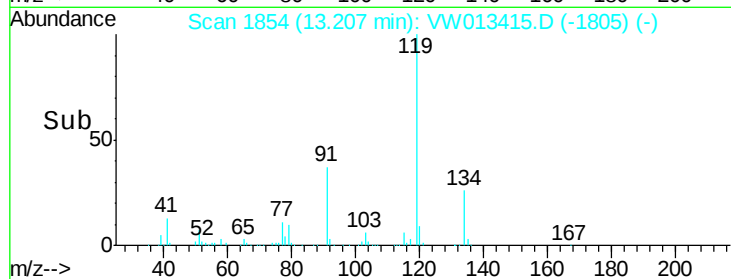
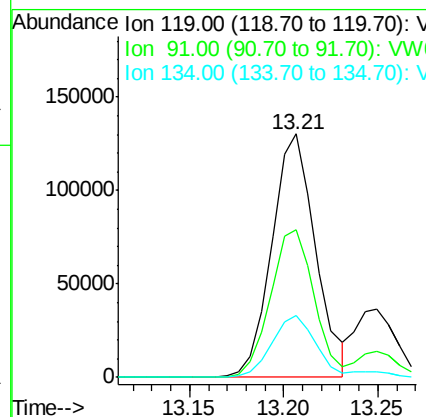
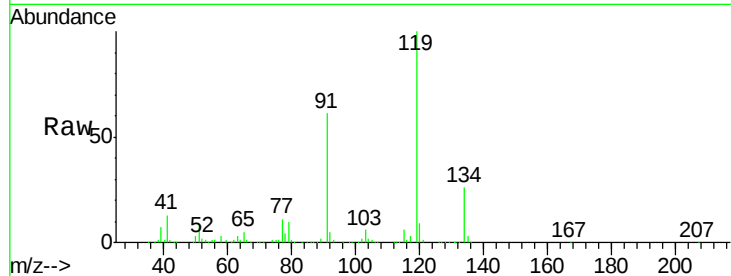
#83
tert-Butylbenzene
Concen: 20.666 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209613		
91	60.4		30.7	92.1
134	25.5		12.6	37.6

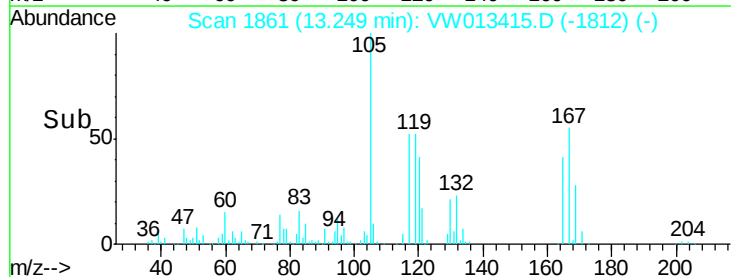
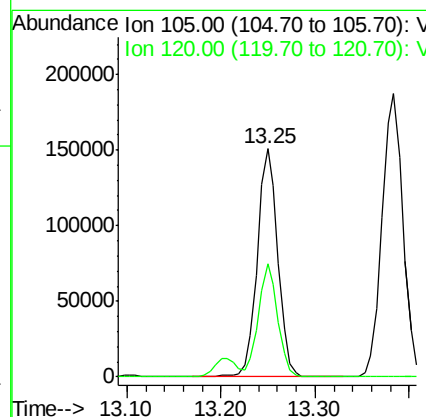
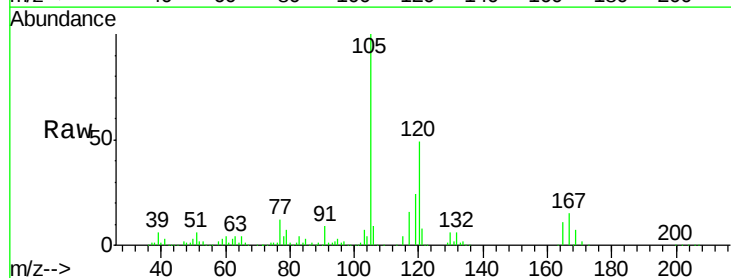
Manual Integrations
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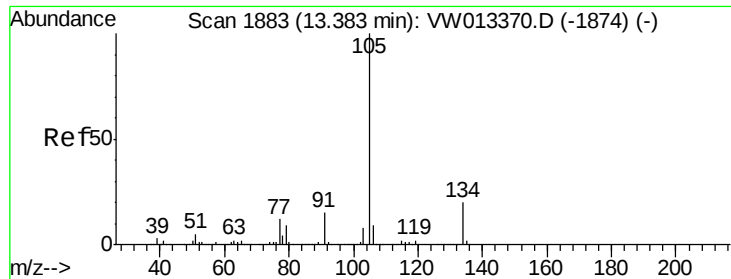
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.089 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231896		
120	46.2		23.4	70.3





#85

sec-Butylbenzene

Concen: 20.548 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

Tot Ion:105 Resp: 287341

Ion Ratio Lower Upper

105 100

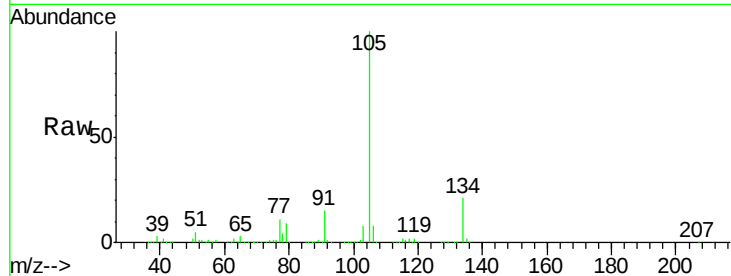
134 20.7 10.3 30.8

Manual Integrations

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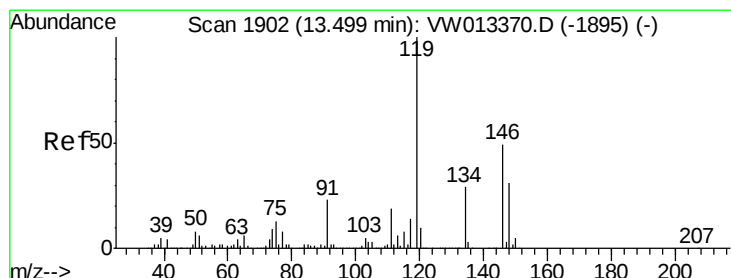
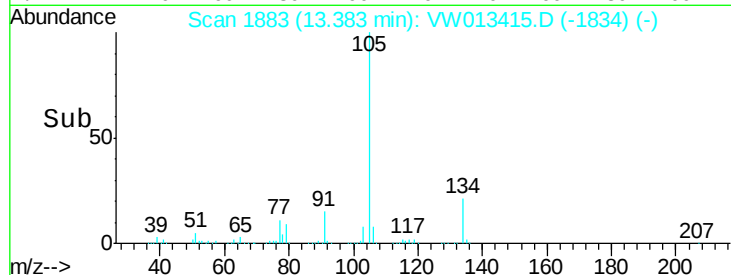
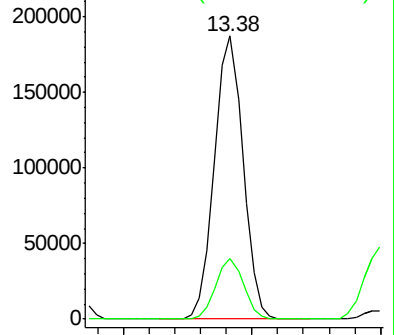
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.557 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

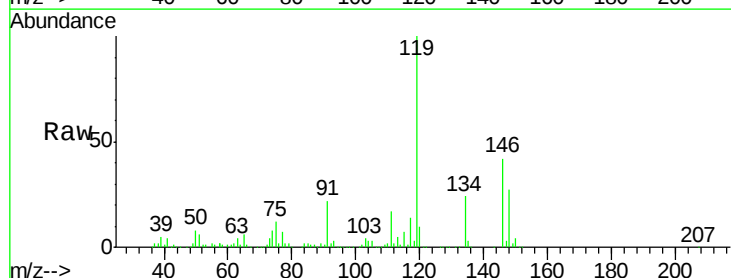
Tgt Ion:119 Resp: 266409

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.8

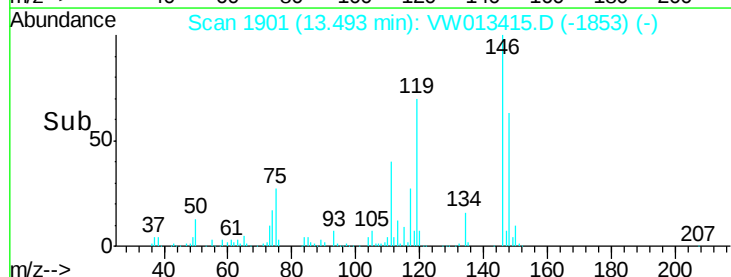
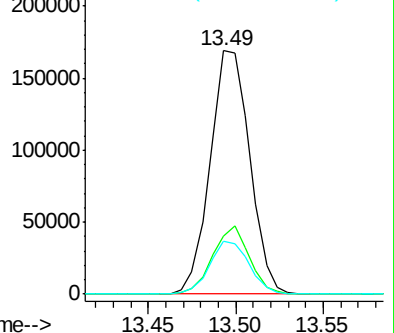
91 21.5 10.8 32.4

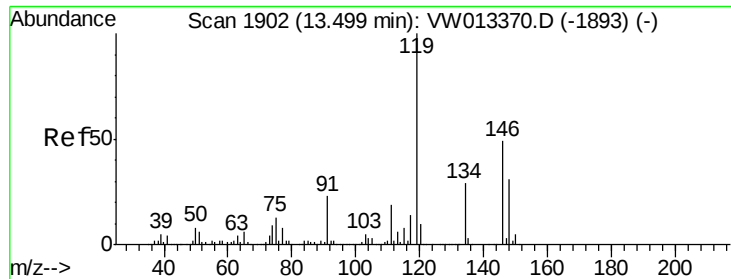


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.006 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

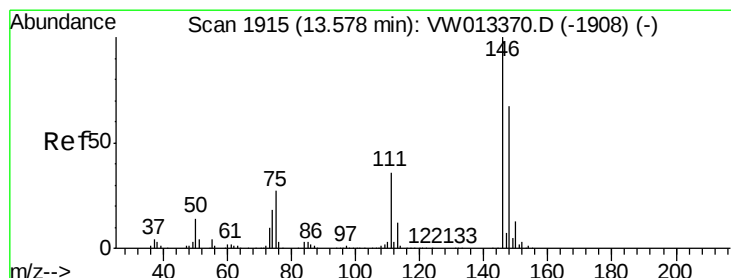
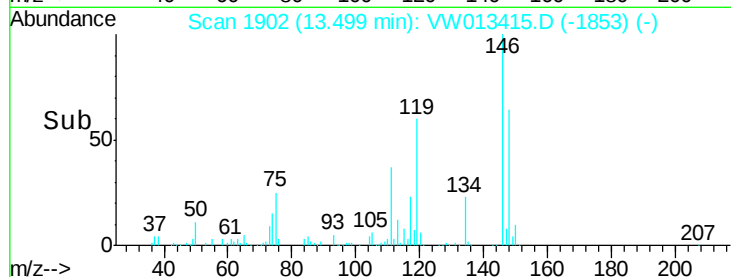
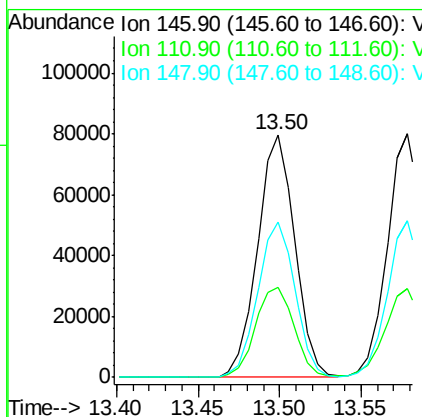
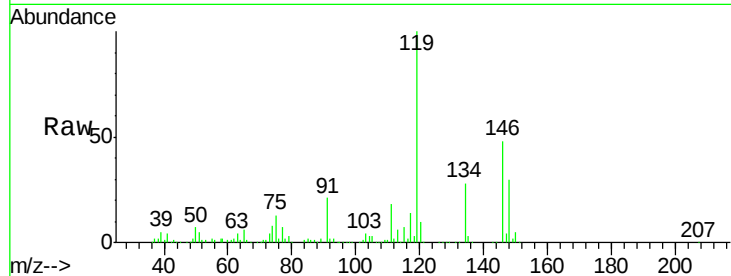
Instrument :
MSVOA_W

ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	64.3	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.885 ug/l

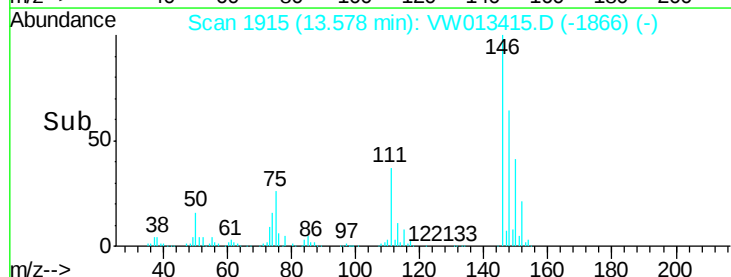
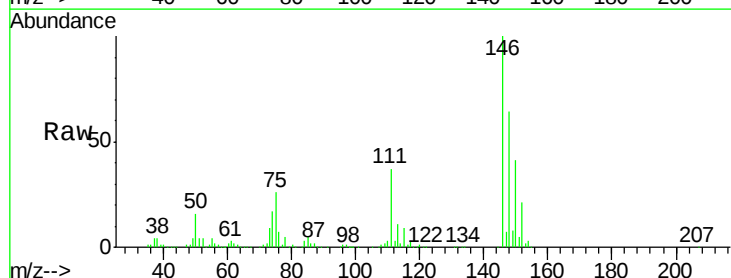
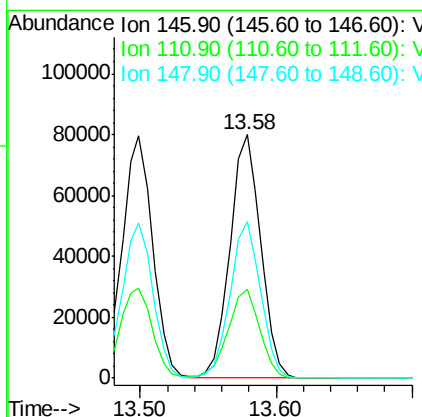
RT: 13.58 min Scan# 1915

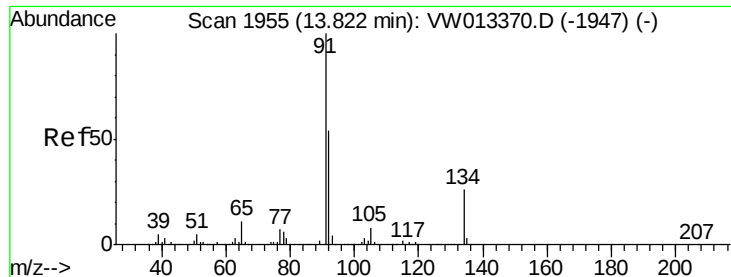
Delta R.T. -0.00 min

Lab File: VW013415.D

Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	63.8	32.1	96.3





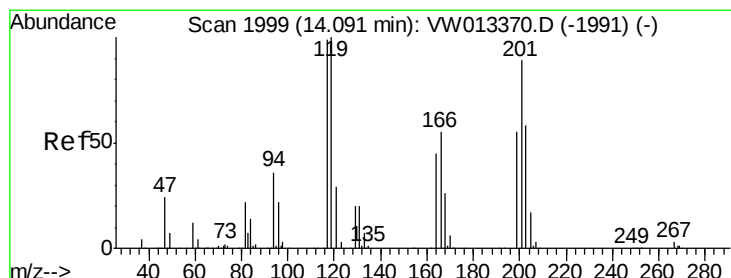
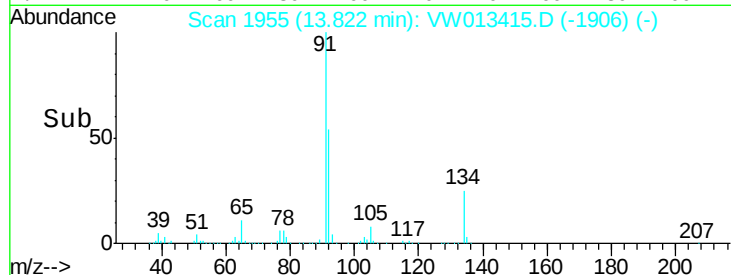
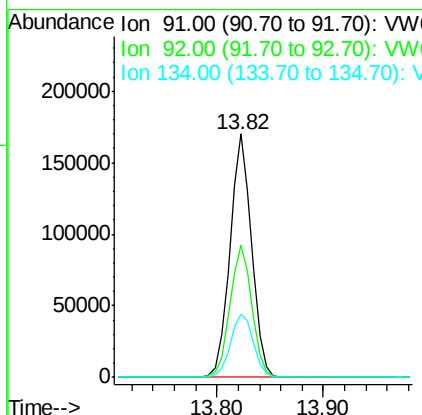
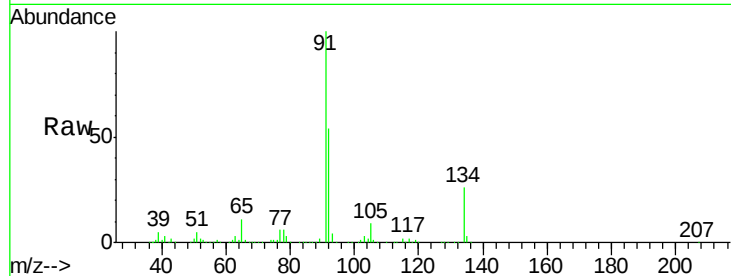
#89
n-Butylbenzene
Concen: 20.616 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	240882		
92	55.1		27.6	82.8
134	27.5		13.7	41.1

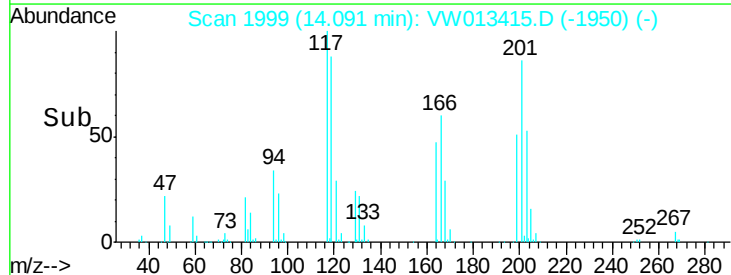
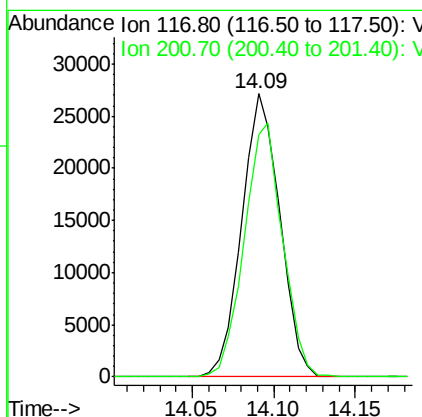
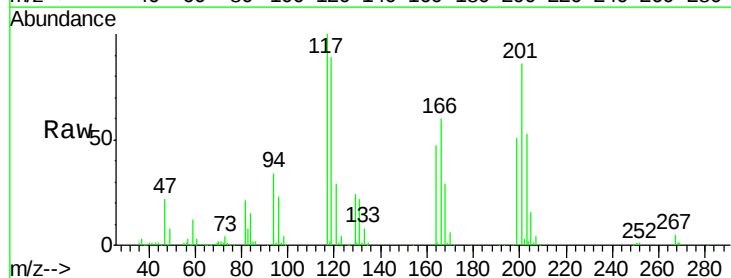
Manual Integrations
APPROVED

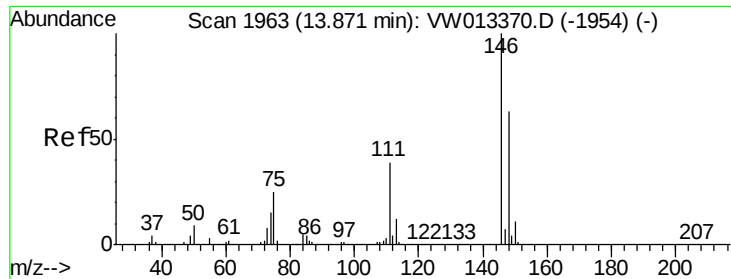
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#90
Hexachloroethane
Concen: 20.599 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44105		
201	90.4		44.5	133.5





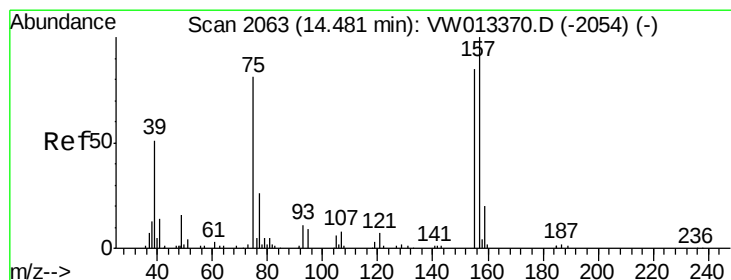
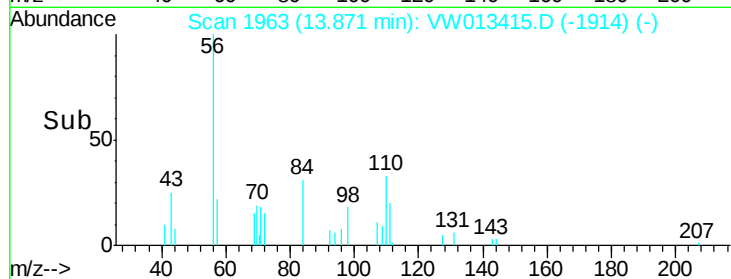
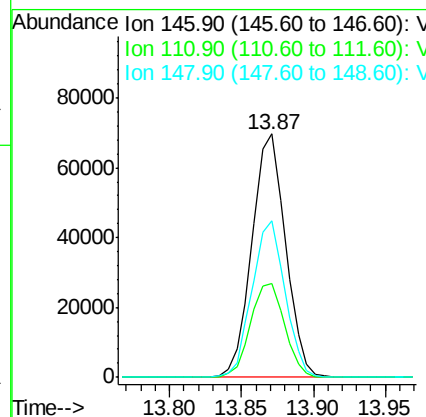
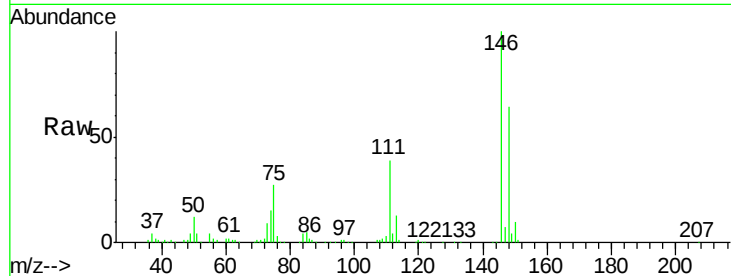
#91
 1,2-Dichlorobenzene
 Concen: 20.136 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.3
148	63.3	32.0	96.0

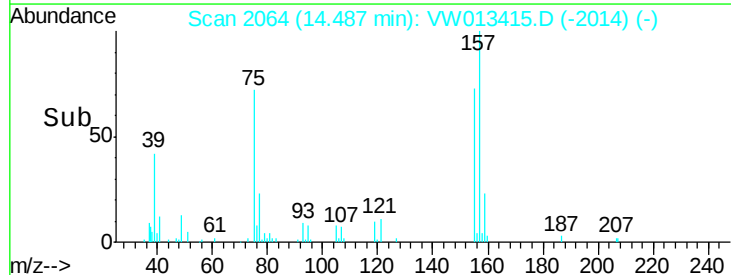
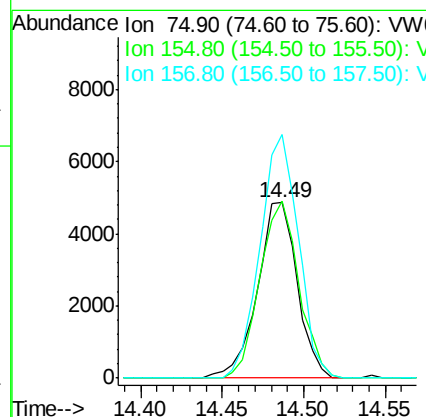
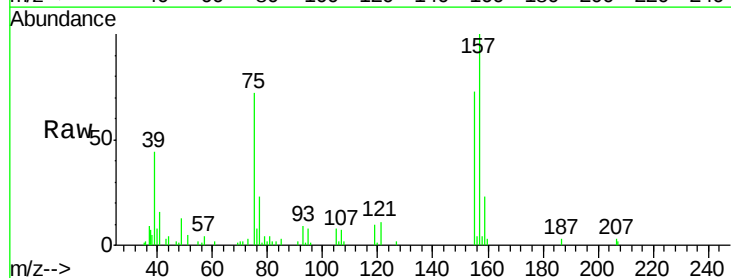
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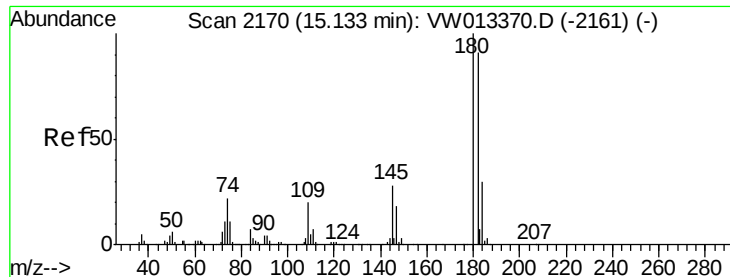
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.188 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	46.1	138.3
157	133.8	60.4	181.2





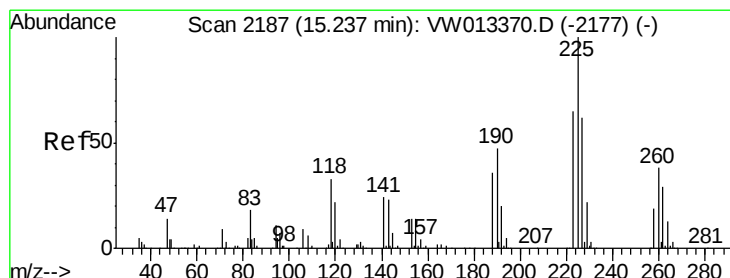
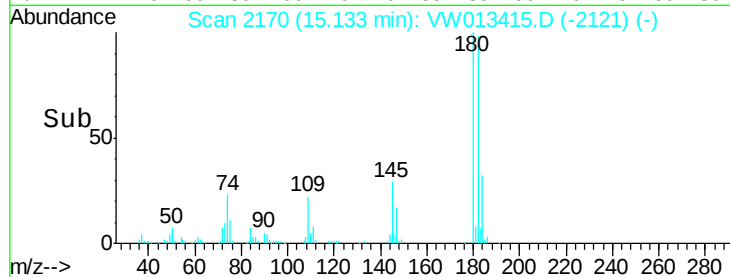
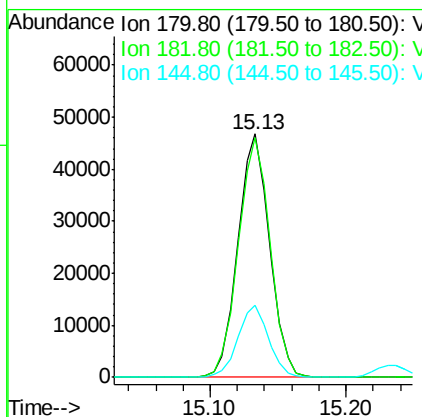
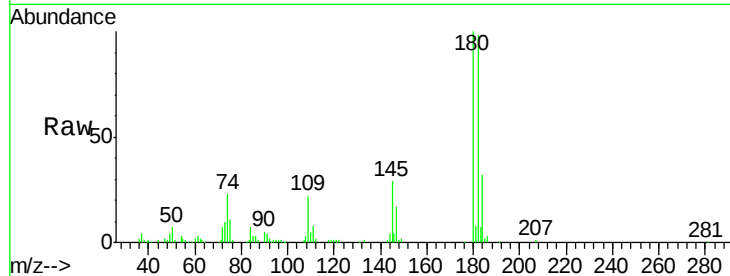
#93
 1,2,4-Trichlorobenzene
 Concen: 18.925 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.3	142.0
145	28.5	14.2	42.8

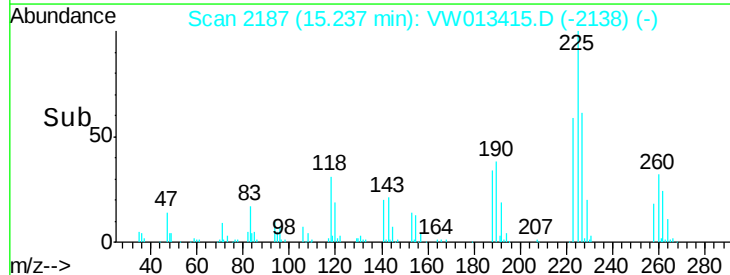
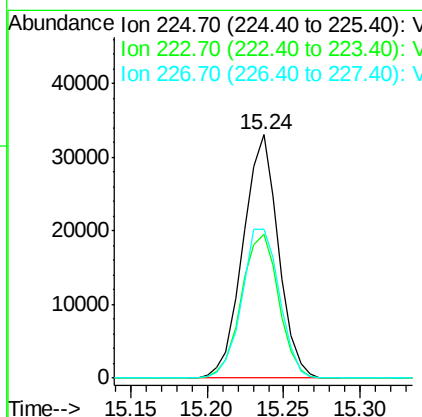
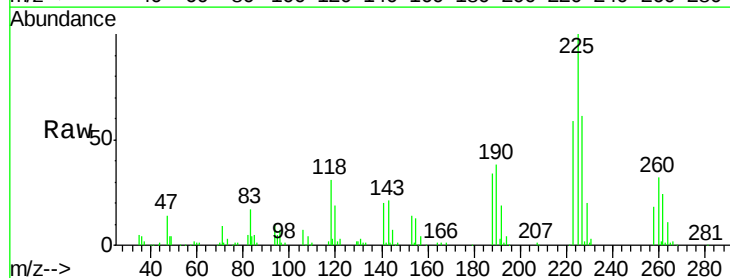
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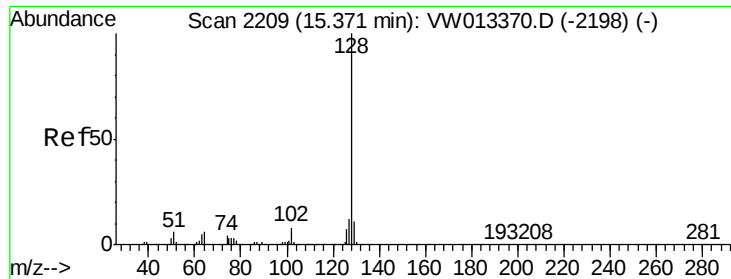
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#94
 Hexachlorobutadiene
 Concen: 20.331 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013415.D
 Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.6	91.8
227	65.6	31.9	95.9





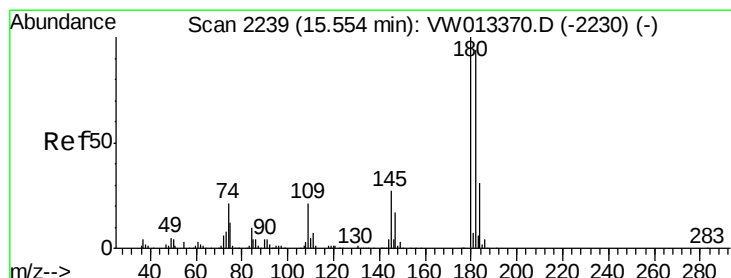
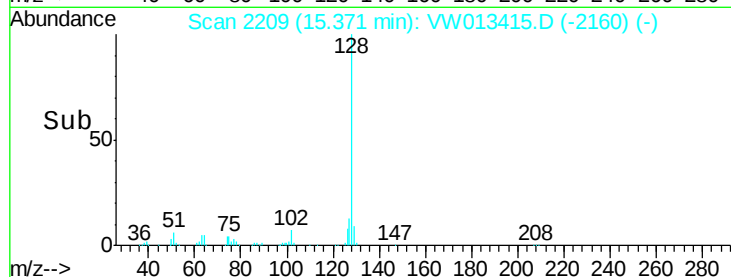
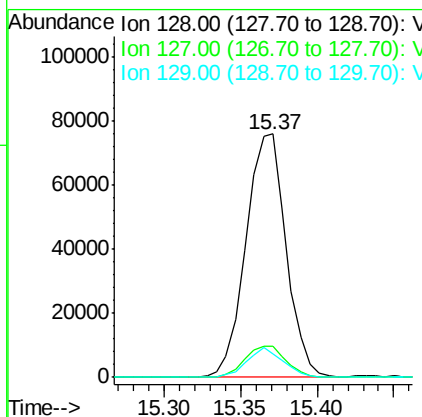
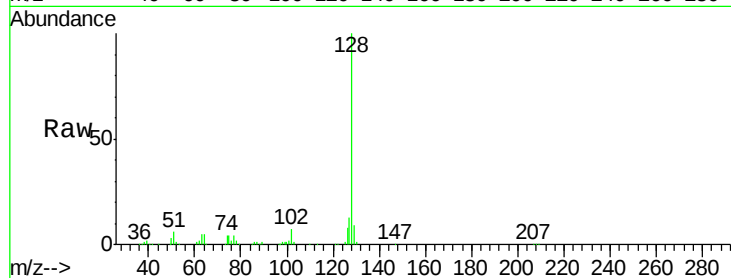
#95
Naphthalene
Concen: 20.548 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.270 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013415.D
Acq: 03 Oct 2019 13:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.9	143.7
145	29.8	15.0	45.0

