

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011320\
 Data File : VW014613.D
 Acq On : 13 Jan 2020 10:02
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 1/14/2020 3:06:37 PM

Quant Time: Jan 14 12:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	823836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1208473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1026609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	502856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	324243	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	
35) Dibromofluoromethane	7.88	113	333086	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	10.32	98	1383093	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.62	95	461209	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	209467	45.032	ug/l	98
3) Chloromethane	2.21	50	251743	44.215	ug/l	100
4) Vinyl Chloride	2.36	62	412107	49.211	ug/l	98
5) Bromomethane	2.78	94	252316	48.773	ug/l	100
6) Chloroethane	2.92	64	236497	49.542	ug/l	98
7) Trichlorofluoromethane	3.25	101	214164	51.114	ug/l	93
8) Diethyl Ether	3.68	74	188536	45.224	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	390308	49.855	ug/l	99
10) Methyl Iodide	4.27	142	567911	48.078	ug/l	99
11) Tert butyl alcohol	5.16	59	112402	197.583	ug/l	97
12) 1,1-Dichloroethene	4.04	96	400278	48.824	ug/l	99
13) Acrolein	3.88	56	147645	234.851	ug/l	99
14) Allyl chloride	4.66	41	616782	49.231	ug/l	99
15) Acrylonitrile	5.36	53	417121	218.894	ug/l	99
16) Acetone	4.11	43	480316	236.159	ug/l	100
17) Carbon Disulfide	4.38	76	1165650	47.173	ug/l	98
18) Methyl Acetate	4.67	43	204977	41.729	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	494938	48.633	ug/l	98
20) Methylene Chloride	4.91	84	404721	49.118	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	418595	48.085	ug/l	96
22) Diisopropyl ether	6.31	45	1148120	48.960	ug/l	97
23) Vinyl Acetate	6.24	43	3282980	231.841	ug/l	100
24) 1,1-Dichloroethane	6.21	63	719227	48.623	ug/l	99
25) 2-Butanone	7.16	43	566866	217.181	ug/l	98
26) 2,2-Dichloropropane	7.16	77	398132	48.615	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	445194	48.670	ug/l	99
28) Bromochloromethane	7.51	49	282331	48.684	ug/l	99
29) Tetrahydrofuran	7.52	42	331835	205.219	ug/l	99
30) Chloroform	7.67	83	669654	48.412	ug/l	100
31) Cyclohexane	7.95	56	715202	46.525	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	549831	49.423	ug/l	99
36) 1,1-Dichloropropene	8.08	75	578185	49.629	ug/l	99
37) Ethyl Acetate	7.24	43	232086	43.924	ug/l	99
38) Carbon Tetrachloride	8.07	117	511296	50.587	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	743023	49.698	ug/l	97
40) Benzene	8.32	78	1622920	49.235	ug/l	99
41) Methacrylonitrile	7.48	41	145506	49.402	ug/l	91
42) 1,2-Dichloroethane	8.40	62	404588	47.298	ug/l	100
43) Isopropyl Acetate	8.42	43	424955	44.290	ug/l	98
44) Trichloroethene	9.09	130	443012	49.668	ug/l	95
45) 1,2-Dichloropropane	9.37	63	398265	49.237	ug/l	96
46) Dibromomethane	9.46	93	186071	46.598	ug/l	99
47) Bromodichloromethane	9.64	83	491050	49.810	ug/l	100
48) Methyl methacrylate	9.43	41	206325	44.044	ug/l	98
49) 1,4-Dioxane	9.44	88	65706	879.767	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1087695	218.301	ug/l	99
52) Toluene	10.38	92	1022013	49.284	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	496537	48.645	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	613044	49.141	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	276263	47.371	ug/l	98
56) Ethyl methacrylate	10.64	69	355970	46.967	ug/l	100
57) 1,3-Dichloropropane	10.93	76	477769	46.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	625227	271.241	ug/l	100
59) 2-Hexanone	10.96	43	803203	233.937	ug/l	99
60) Dibromochloromethane	11.13	129	317694	48.281	ug/l	98
61) 1,2-Dibromoethane	11.23	107	254943	46.053	ug/l	100
64) Tetrachloroethene	10.86	164	368739	49.613	ug/l	98
65) Chlorobenzene	11.65	112	1044175	49.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.72	131	360781	50.948	ug/l	99
67) Ethyl Benzene	11.73	91	1932227	50.978	ug/l	99
68) m/p-Xylenes	11.83	106	1477450	101.848	ug/l	99
69) o-Xylene	12.16	106	683268	50.991	ug/l	100
70) Styrene	12.18	104	1165109	51.407	ug/l	99
71) Bromoform	12.35	173	182618	47.279	ug/l #	99
73) Isopropylbenzene	12.46	105	1907443	51.696	ug/l	100
74) N-amyl acetate	12.27	43	378285	45.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	300073	45.058	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	231201m	48.629	ug/l	
77) Bromobenzene	12.74	156	425231	49.621	ug/l	99
78) n-propylbenzene	12.80	91	2246344	51.774	ug/l	100
79) 2-Chlorotoluene	12.89	91	1240856	50.256	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1587599	51.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	100822	47.248	ug/l	98
82) 4-Chlorotoluene	12.99	91	1298451	50.618	ug/l	100
83) tert-Butylbenzene	13.21	119	1405195	51.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1573696	51.045	ug/l	100
85) sec-Butylbenzene	13.38	105	1943289	51.760	ug/l	100
86) p-Isopropyltoluene	13.49	119	1799974	52.598	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	832407	49.952	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	814652	49.518	ug/l	99
89) n-Butylbenzene	13.82	91	1678095	52.805	ug/l	100
90) Hexachloroethane	14.09	117	314091	52.539	ug/l	99
91) 1,2-Dichlorobenzene	13.86	146	728201	49.718	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	46645	44.229	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	511136	51.678	ug/l	99
94) Hexachlorobutadiene	15.24	225	338492	51.068	ug/l	98
95) Naphthalene	15.36	128	817196	48.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	429569	49.826	ug/l	99

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

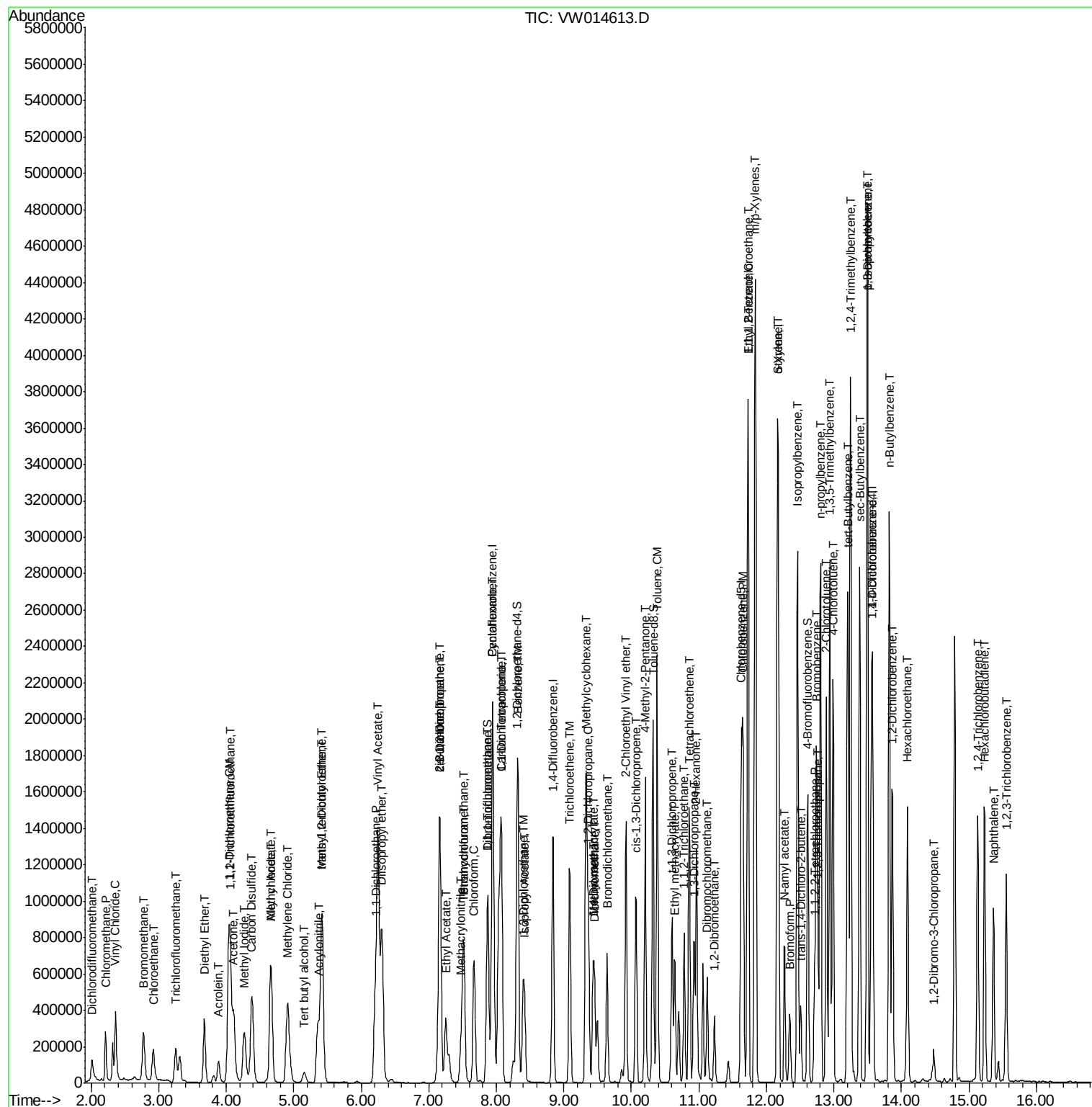
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011320\
 Data File : VW014613.D
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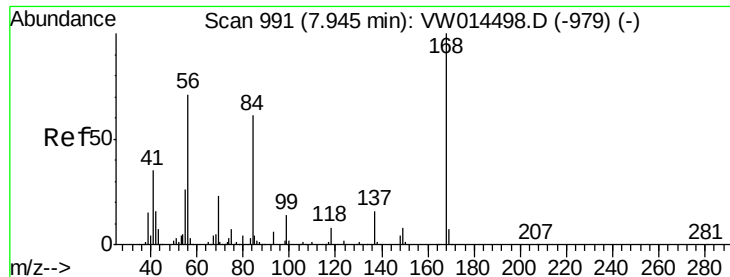
Instrument :
 MSVOA_W
 Client Sampled :
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 823836

Ion Ratio Lower Upper

168 100

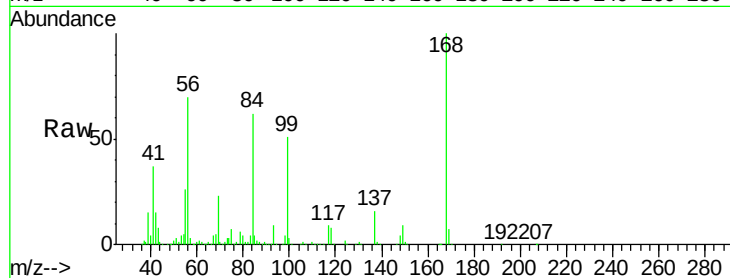
99 51.0 41.1 61.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

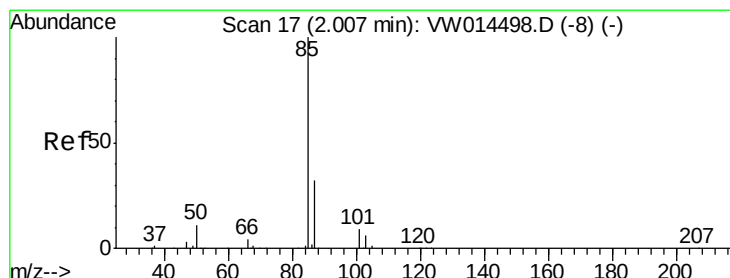
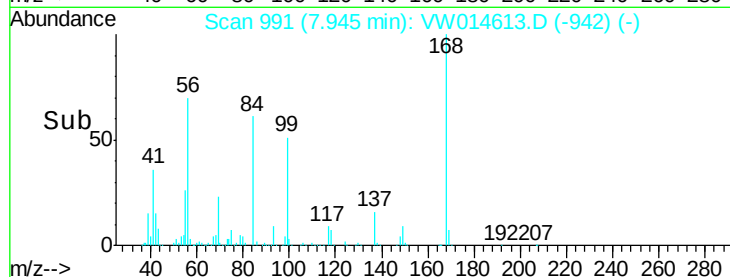
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.032 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014613.D

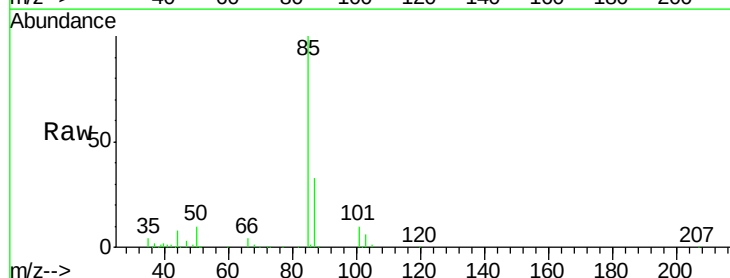
Acq: 13 Jan 2020 10:02

Tgt Ion: 85 Resp: 209467

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

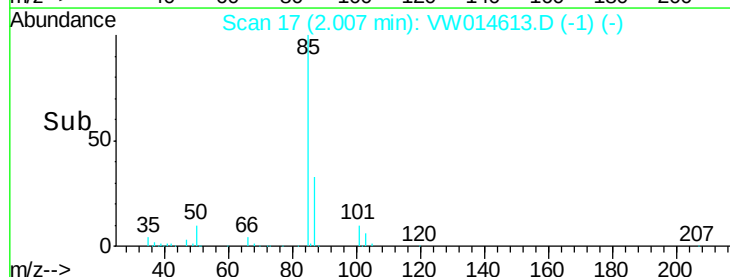
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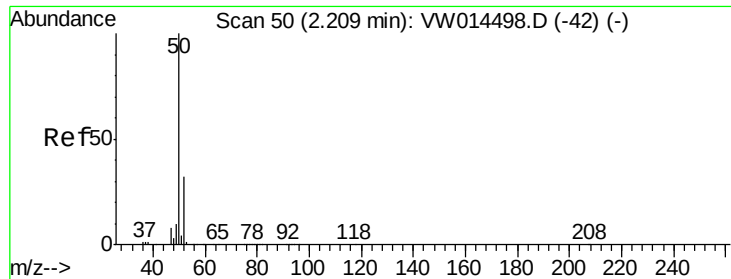
40000

20000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 44.215 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 251743

Ion Ratio Lower Upper

50 100

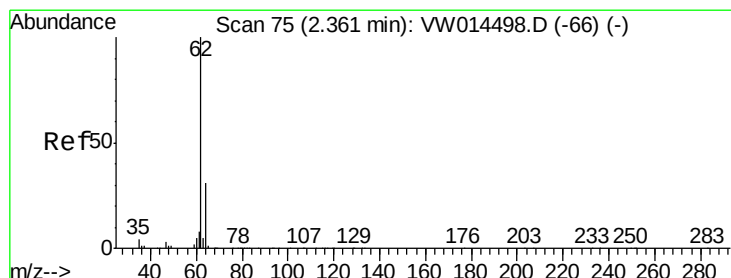
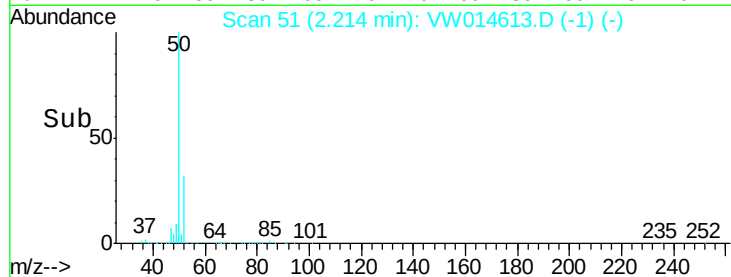
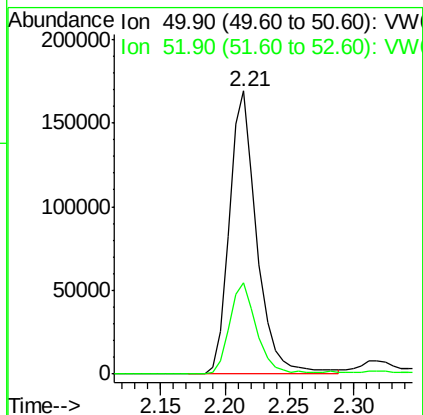
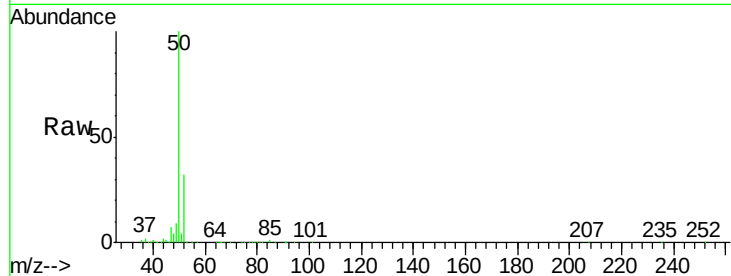
52 32.2 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.211 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014613.D

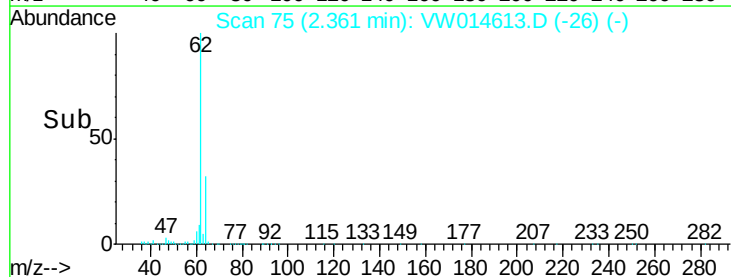
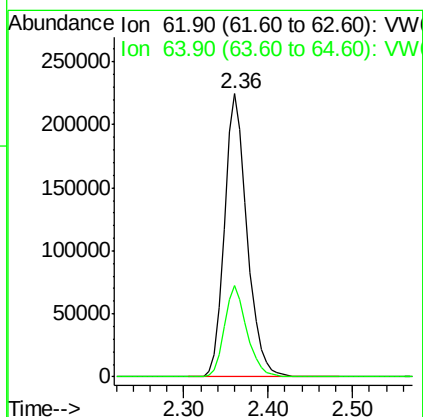
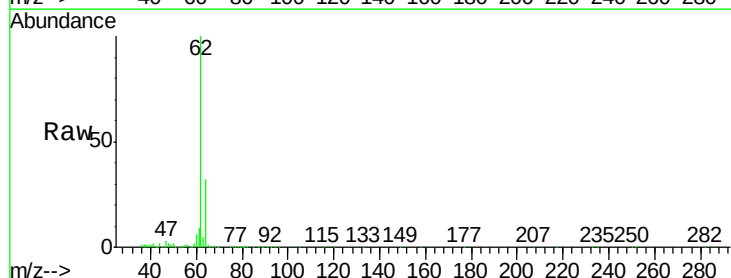
Acq: 13 Jan 2020 10:02

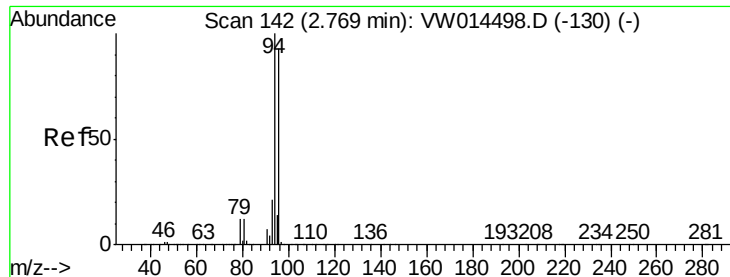
Tgt Ion: 62 Resp: 412107

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 48.773 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 252316

Ion Ratio Lower Upper

94 100

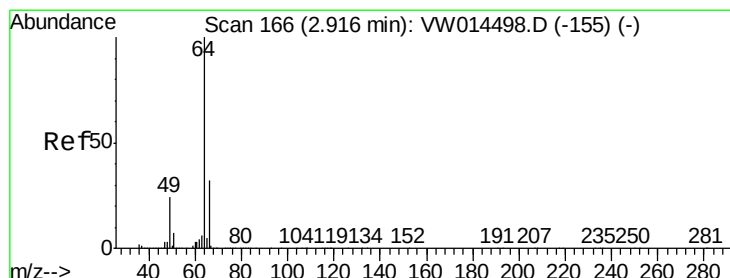
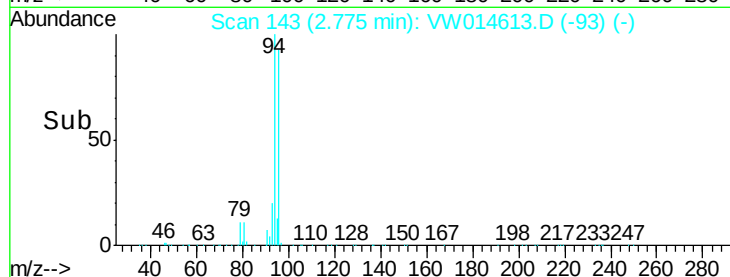
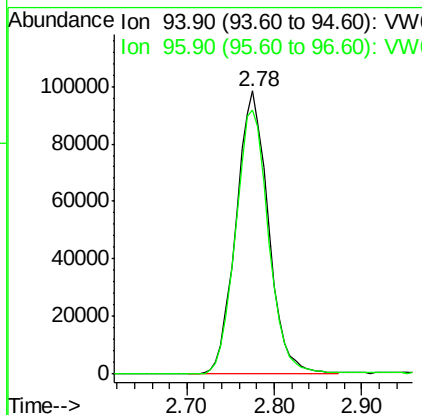
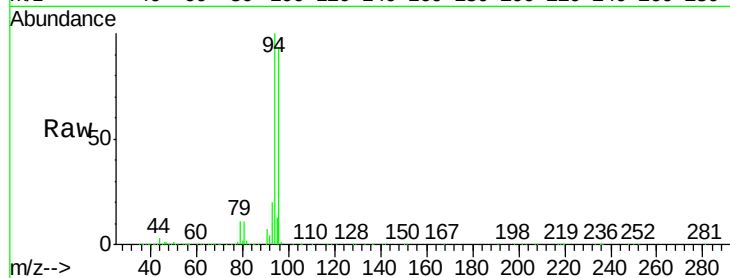
96 93.0 74.2 111.2

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#6

Chloroethane

Concen: 49.542 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW014613.D

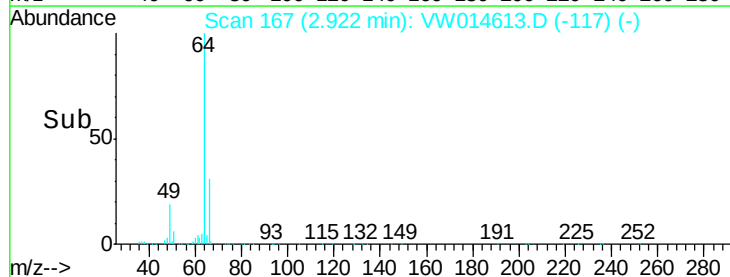
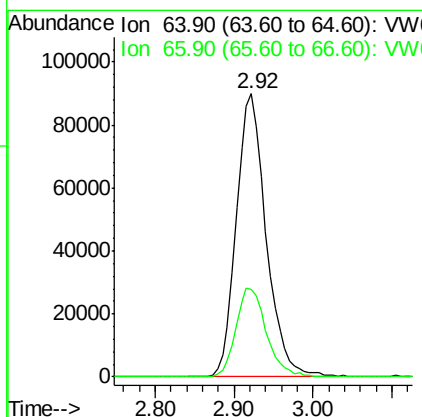
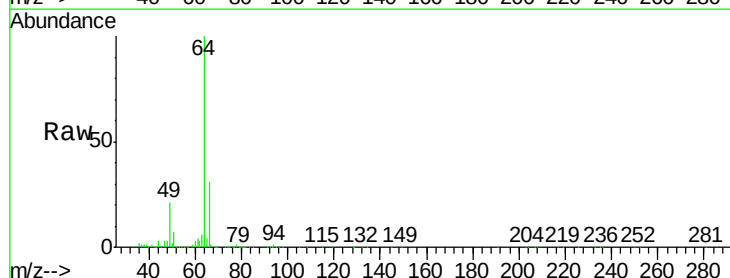
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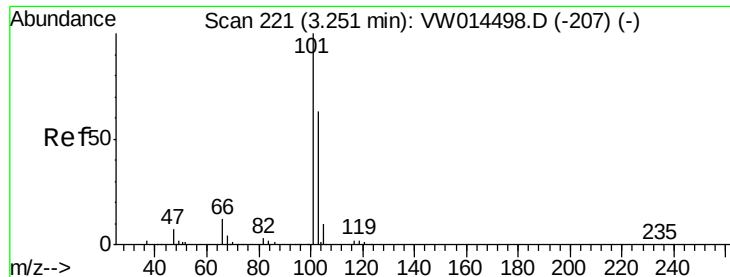
Tgt Ion: 64 Resp: 236497

Ion Ratio Lower Upper

64 100

66 31.0 25.7 38.5





#7

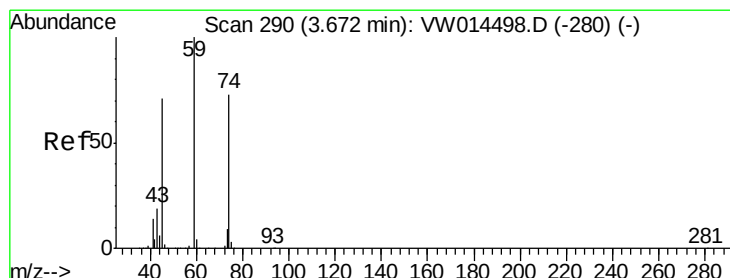
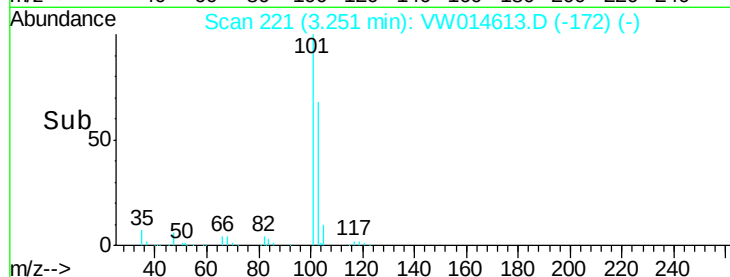
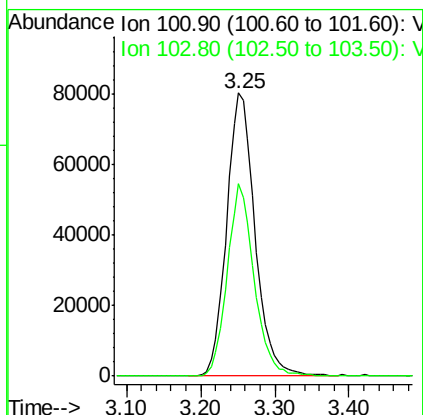
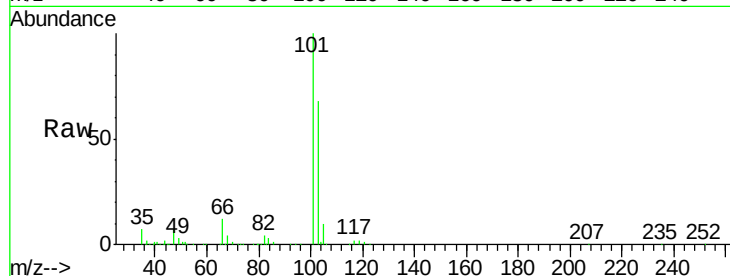
Trichlorofluoromethane
Concen: 51.114 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.1	50.1	75.1

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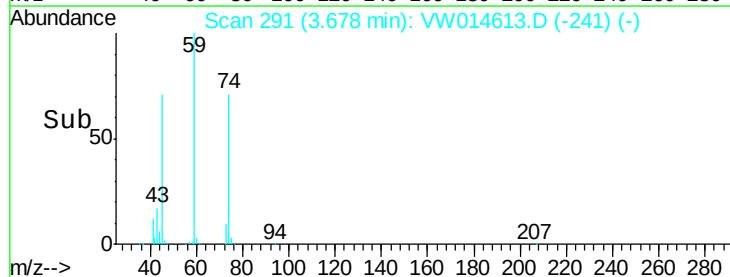
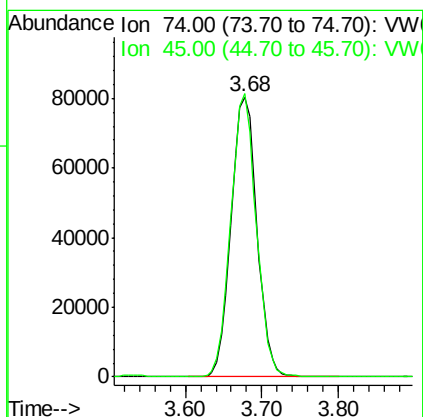
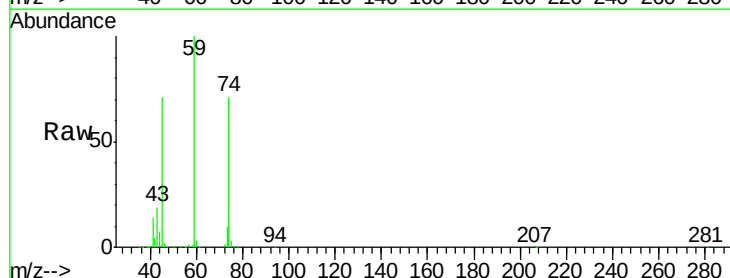
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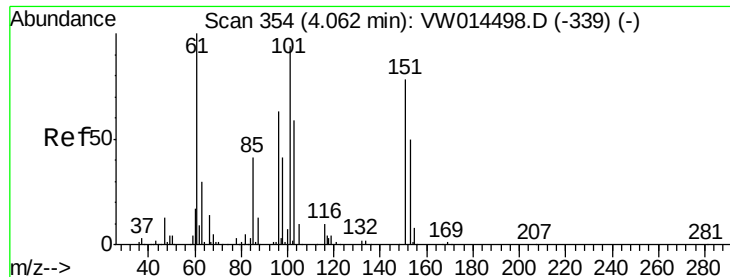


#8

Diethyl Ether
Concen: 45.224 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.855 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014613.D

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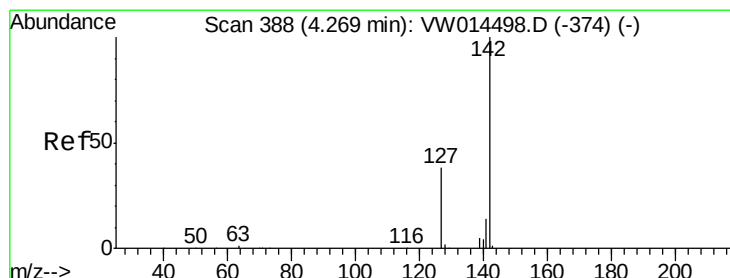
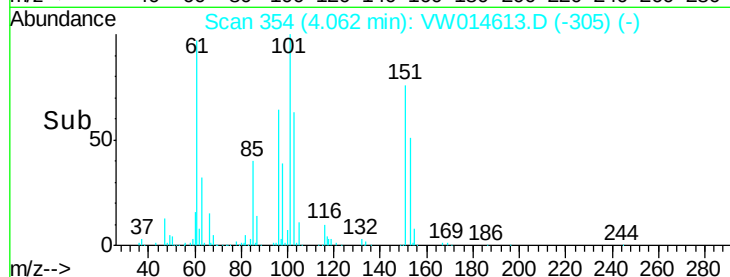
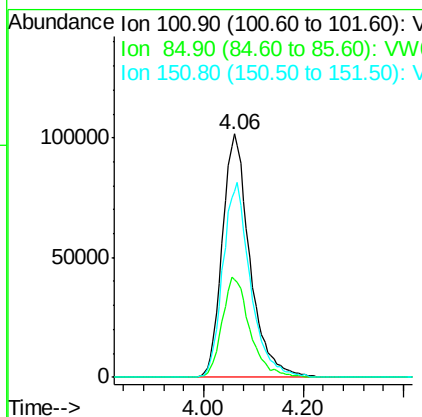
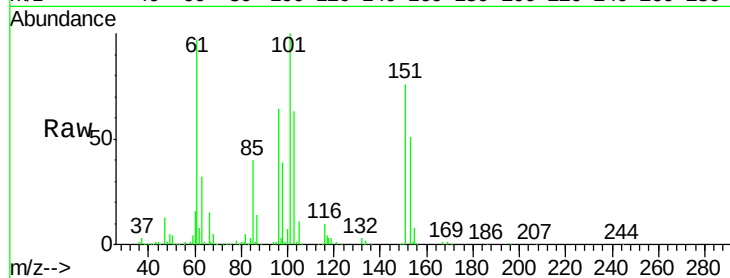
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	390308
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.7	50.5
151	79.9	63.5	95.3

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#10

Methyl Iodide

Concen: 48.078 ug/l

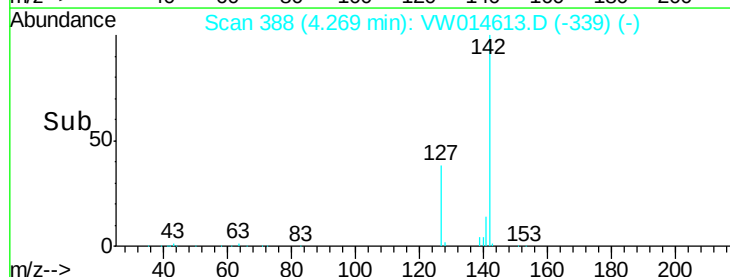
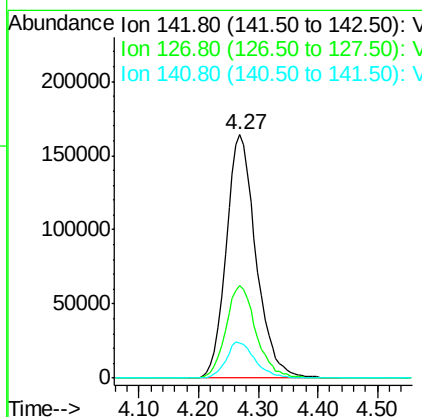
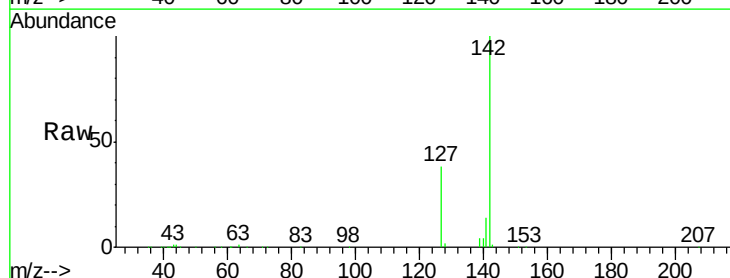
RT: 4.27 min Scan# 388

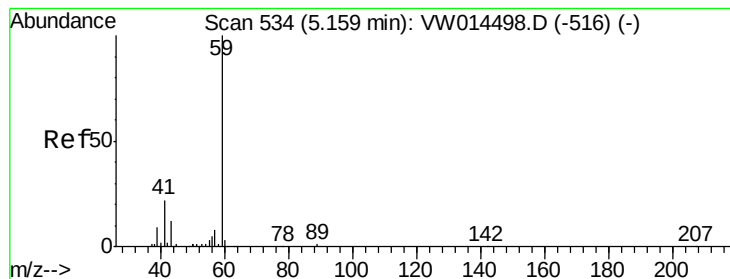
Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion:	142	Resp:	567911
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.2	45.4
141	14.6	11.4	17.2





#11

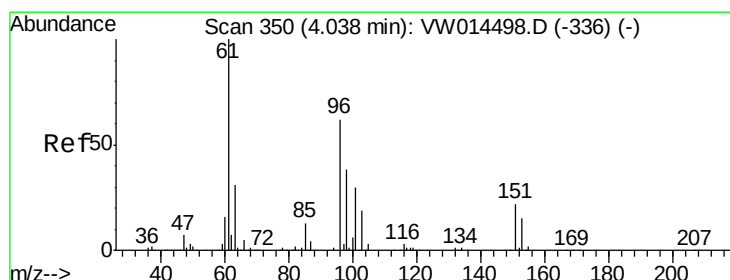
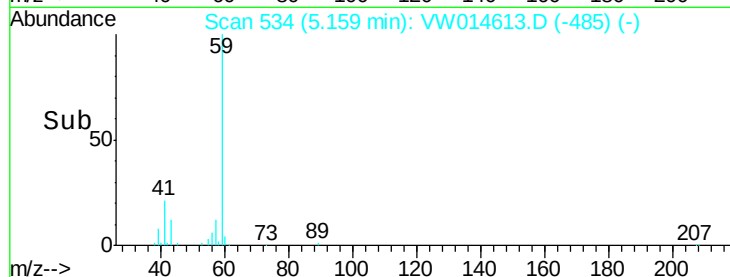
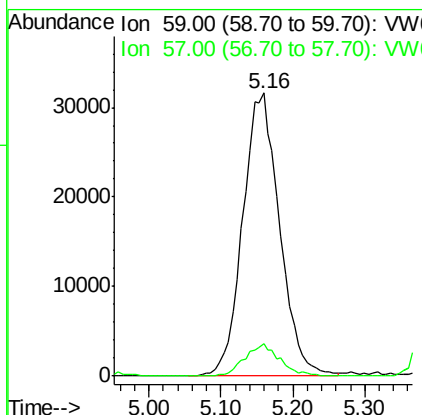
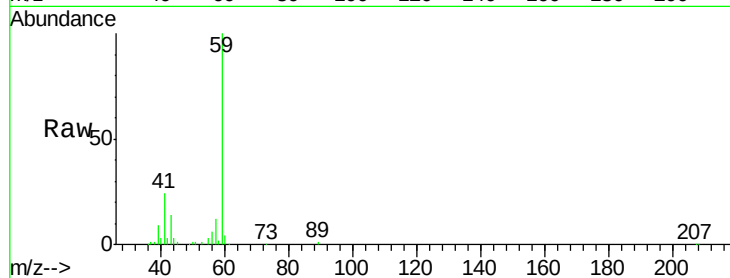
Tert butyl alcohol
 Concen: 197.583 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.8

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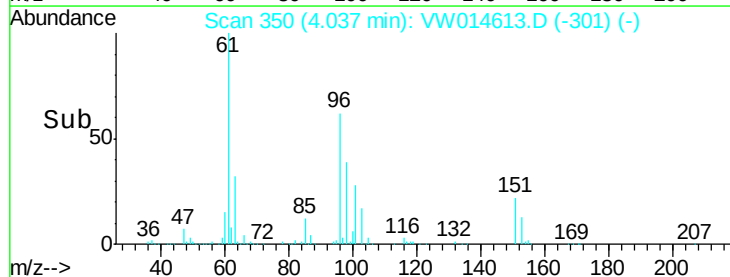
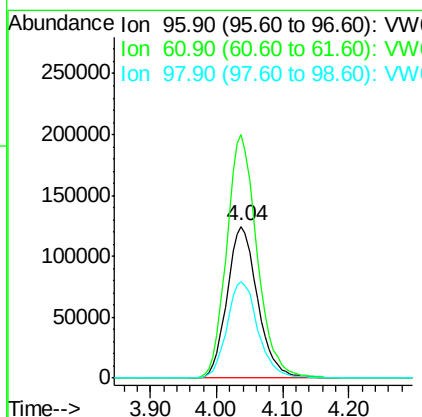
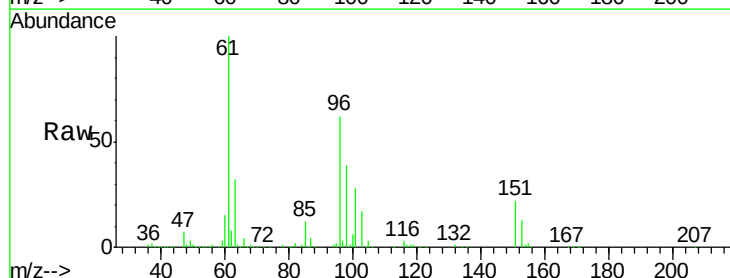
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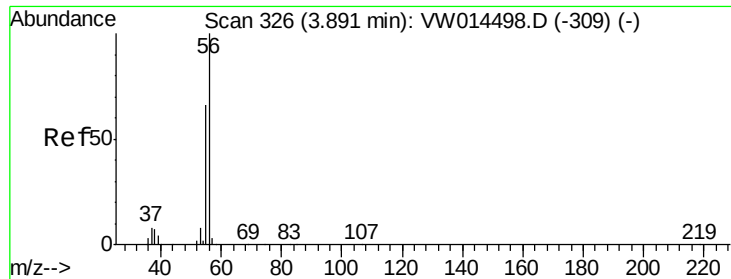


#12

1,1-Dichloroethene
 Concen: 48.824 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	128.4	192.6
98	63.4	49.1	73.7





#13

Acrolein

Concen: 234.851 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 147645

Ion Ratio Lower Upper

56 100

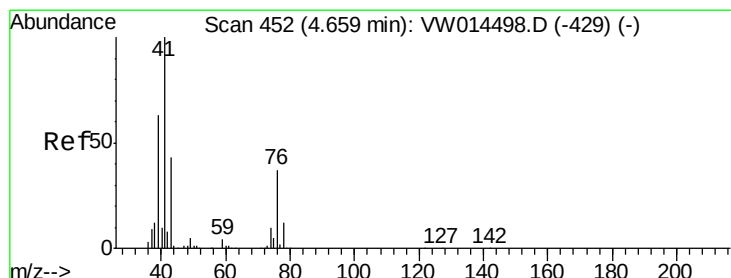
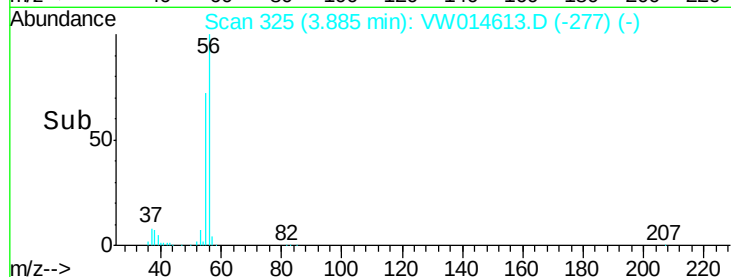
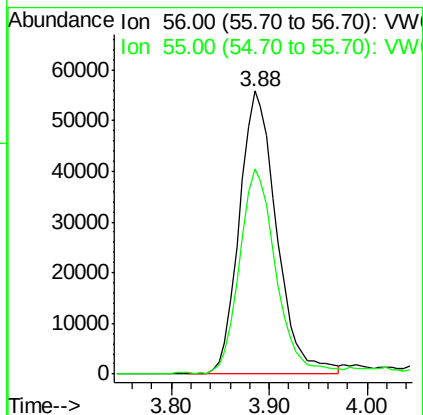
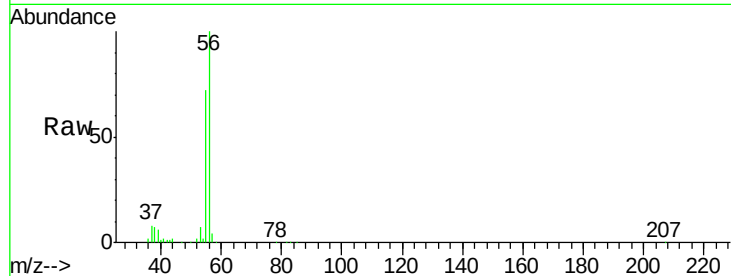
55 70.3 56.7 85.1

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#14

Allyl chloride

Concen: 49.231 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

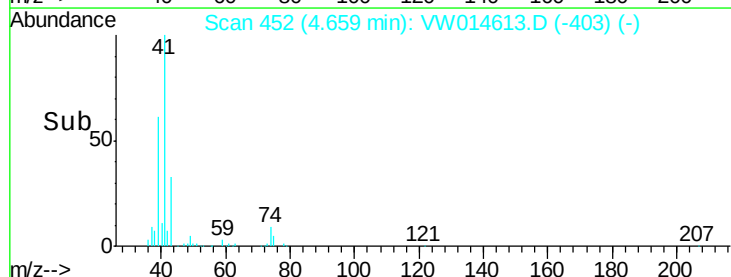
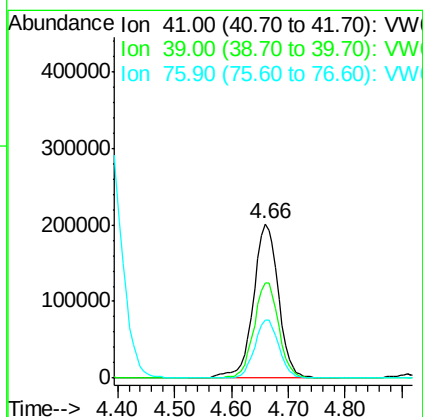
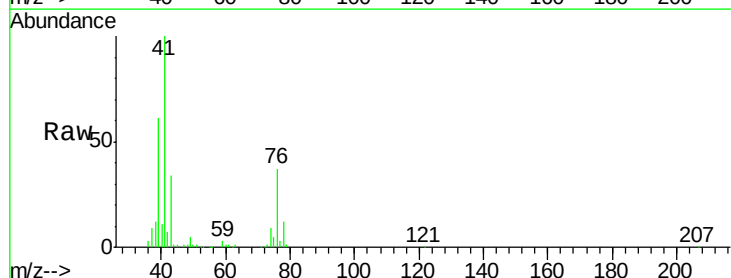
Tgt Ion: 41 Resp: 616782

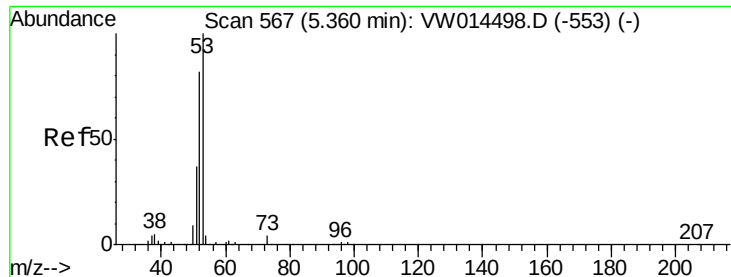
Ion Ratio Lower Upper

41 100

39 60.8 48.5 72.7

76 36.0 28.1 42.1





#15

Acrylonitrile

Concen: 218.894 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

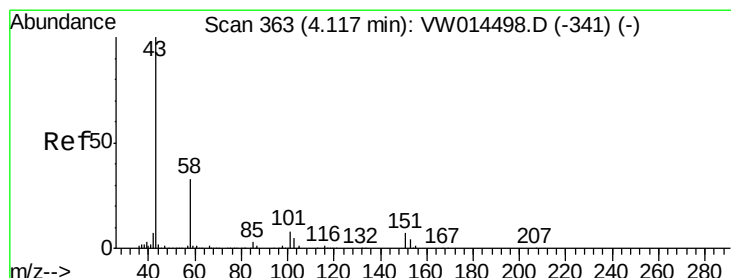
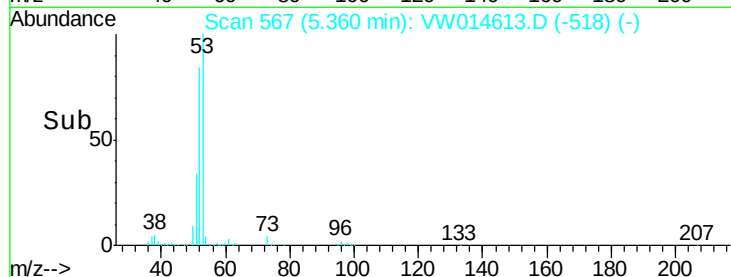
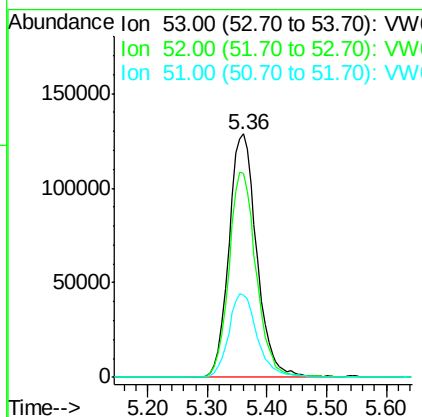
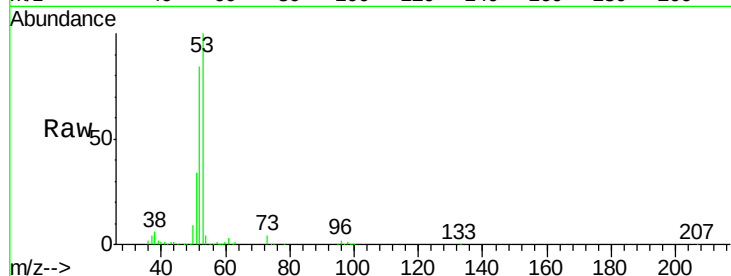
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	417121
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.5	99.7
51	35.2	28.4	42.6

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#16

Acetone

Concen: 236.159 ug/l

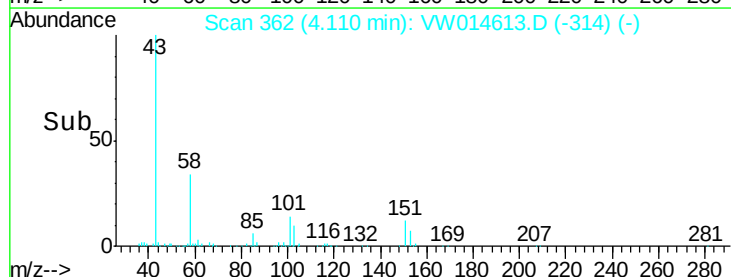
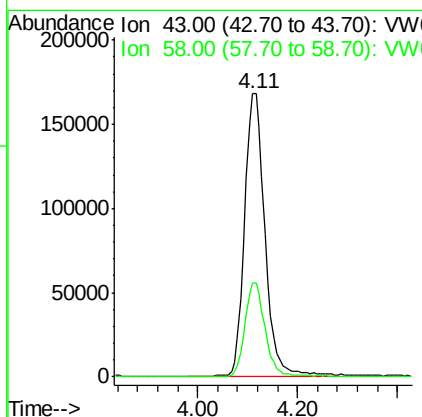
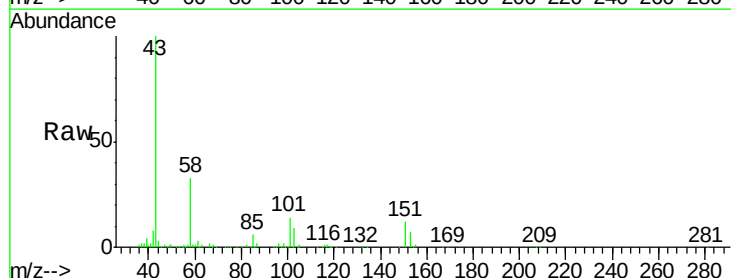
RT: 4.11 min Scan# 362

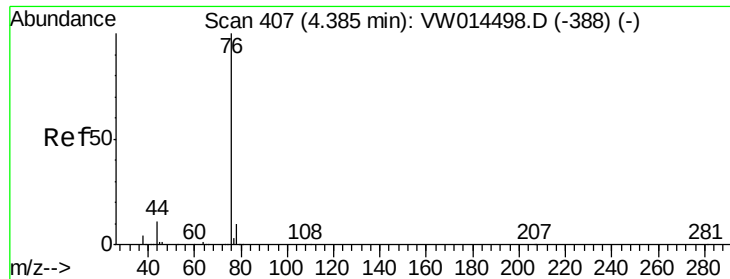
Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion:	43	Resp:	480316
Ion Ratio	Lower	Upper	
43	100		
58	33.1	26.6	39.8





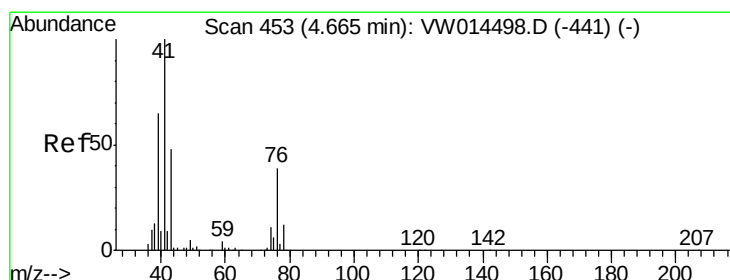
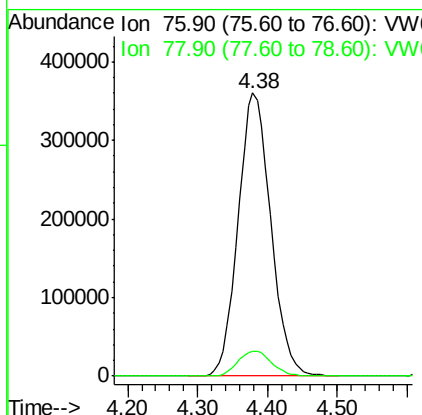
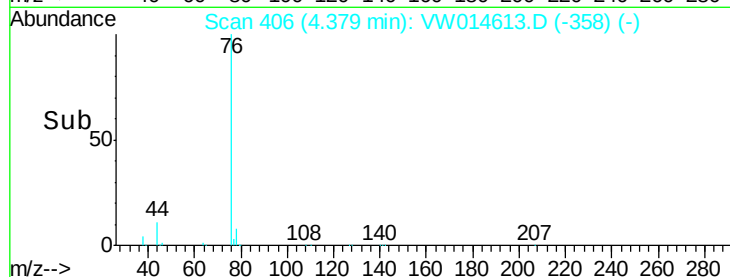
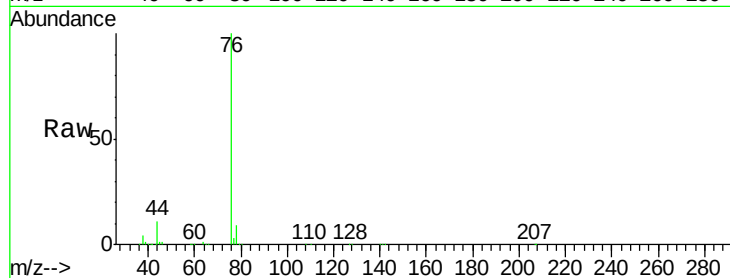
#17
Carbon Disulfide
Concen: 47.173 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1165650
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6

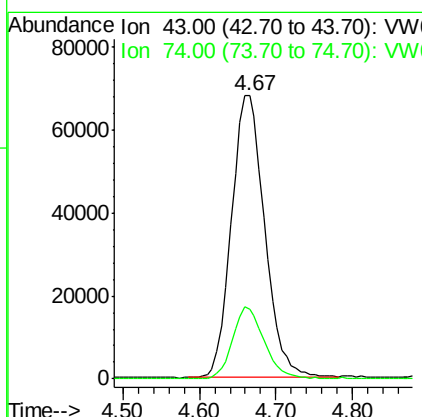
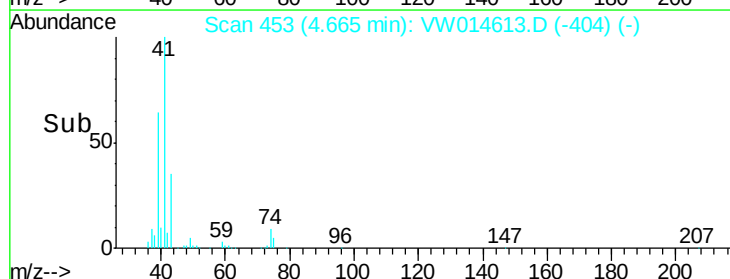
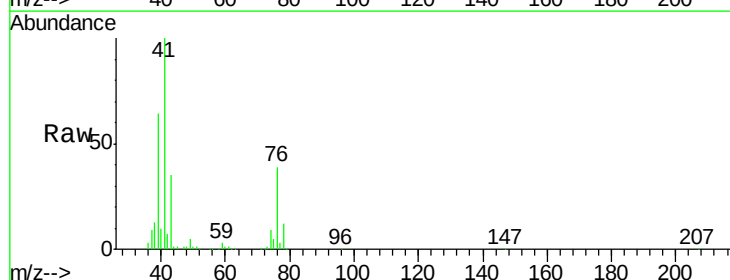
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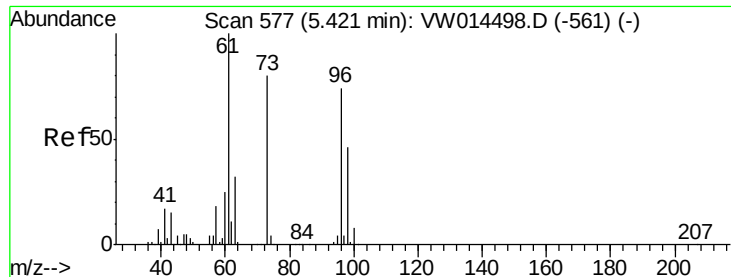
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#18
Methyl Acetate
Concen: 41.729 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 43 Resp: 204977
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9





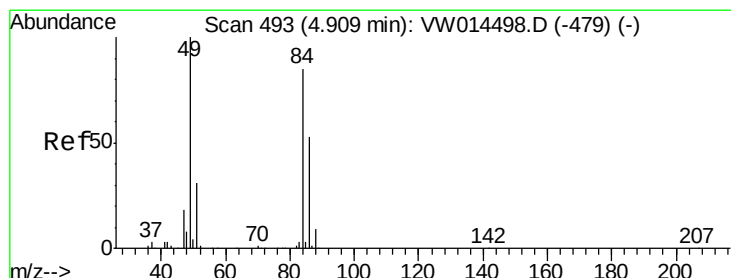
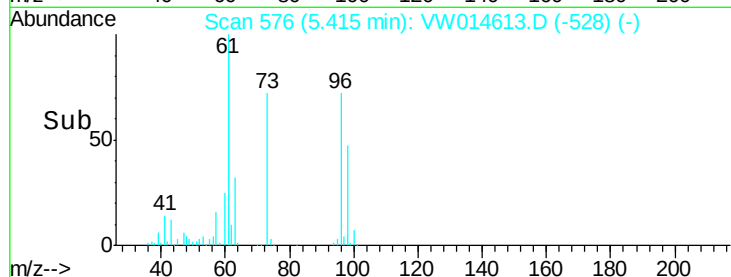
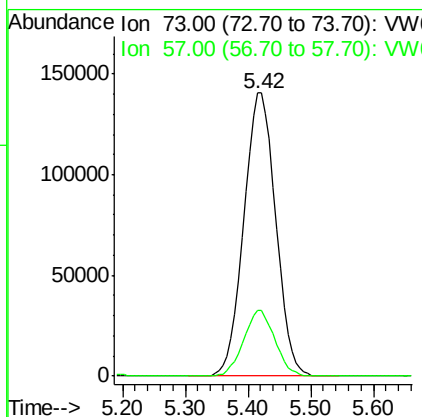
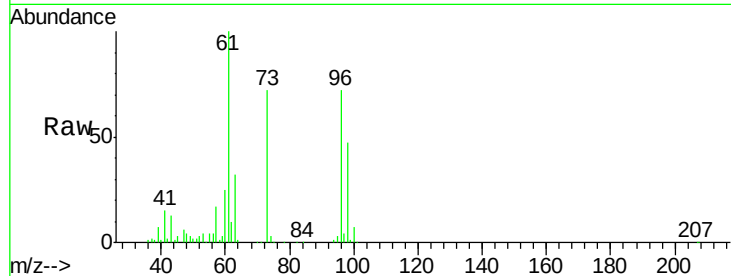
#19
Methyl tert-butyl Ether
Concen: 48.633 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 494938
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1

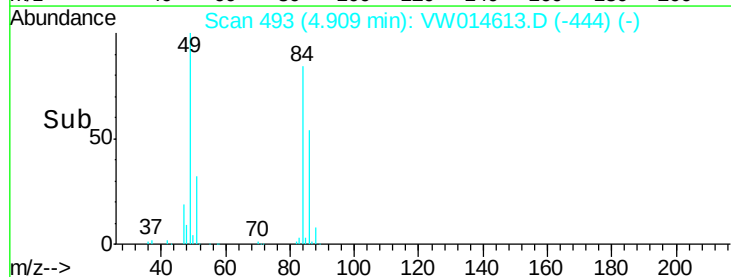
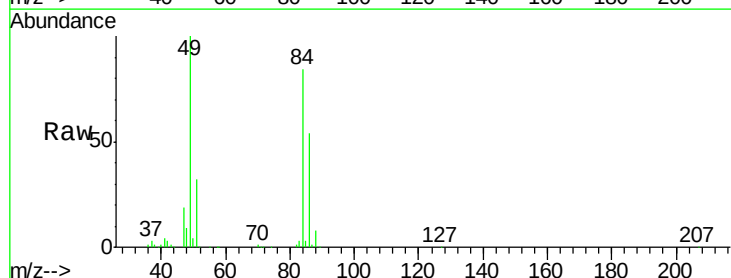
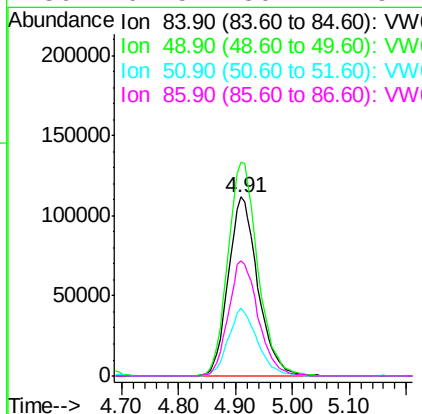
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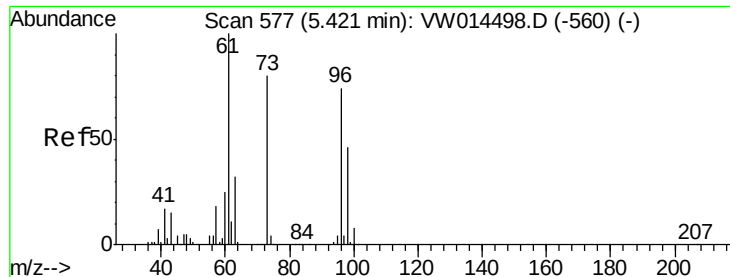
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#20
Methylene Chloride
Concen: 49.118 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 84 Resp: 404721
Ion Ratio Lower Upper
84 100
49 119.2 94.4 141.6
51 37.5 29.5 44.3
86 64.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.085 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

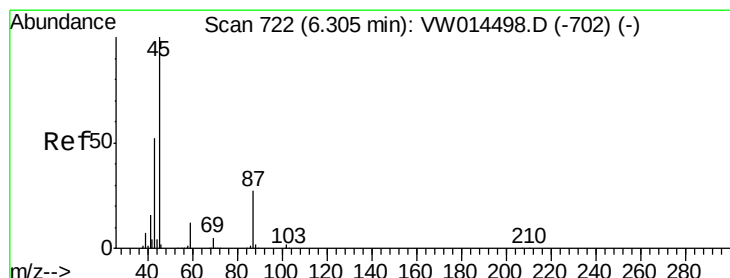
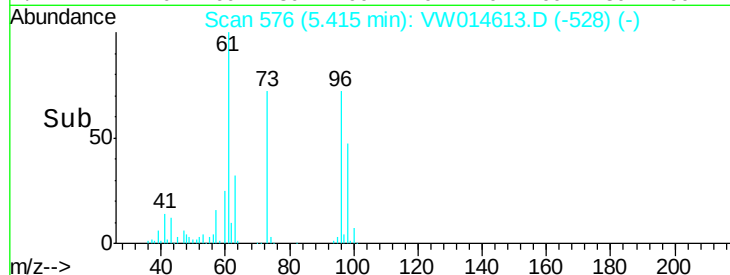
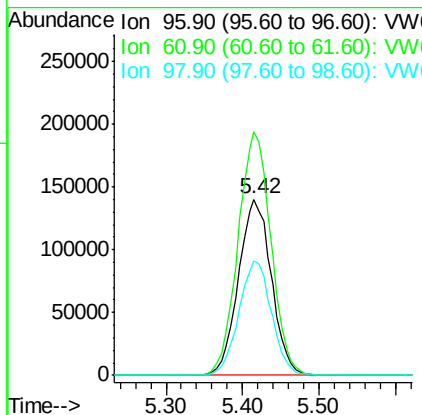
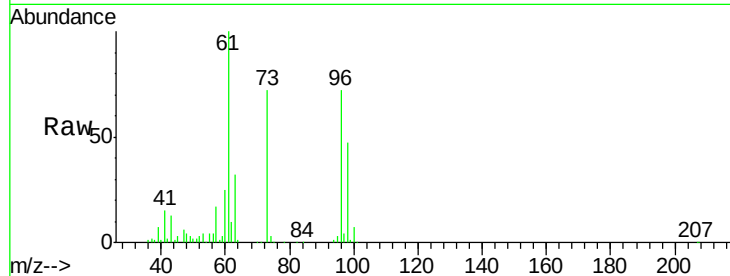
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	418595
Ion	Ratio	Lower	Upper
96	100		
61	138.3	107.8	161.6
98	65.3	49.4	74.0

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#22

Diisopropyl ether

Concen: 48.960 ug/l

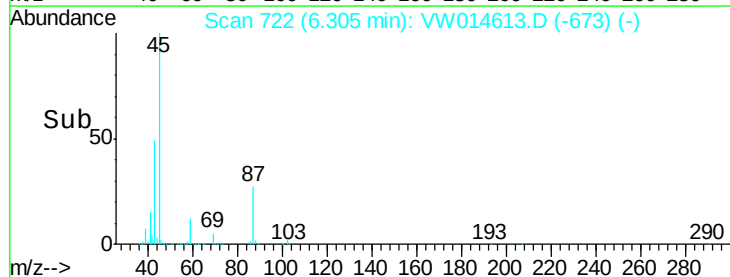
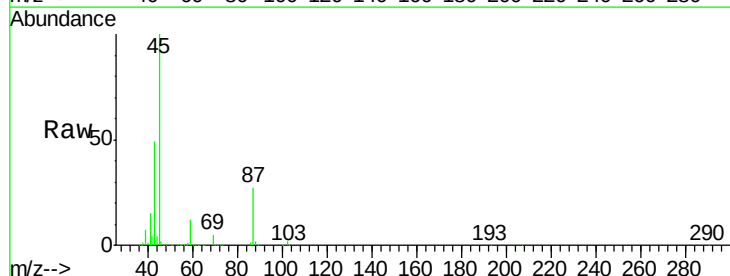
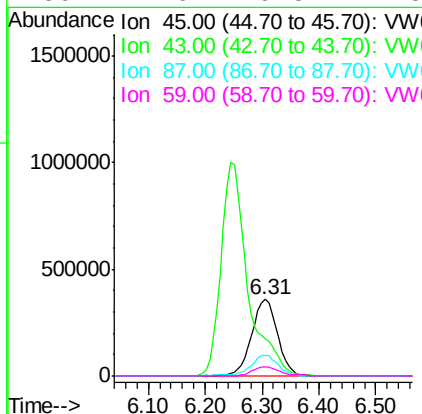
RT: 6.31 min Scan# 722

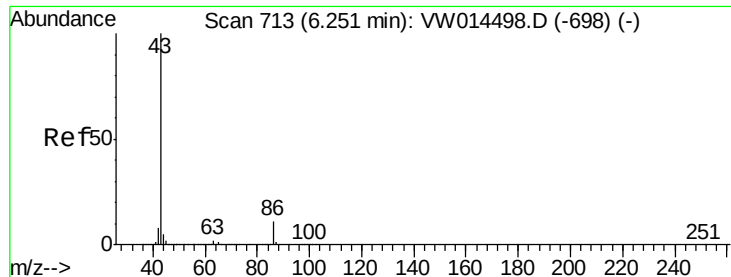
Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion:	45	Resp:	1148120
Ion	Ratio	Lower	Upper
45	100		
43	49.1	41.4	62.0
87	26.7	22.2	33.2
59	11.6	9.5	14.3





#23

Vinyl Acetate

Concen: 231.841 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3282980

Ion Ratio Lower Upper

43 100

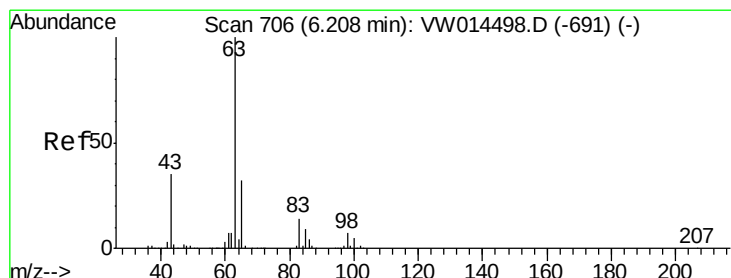
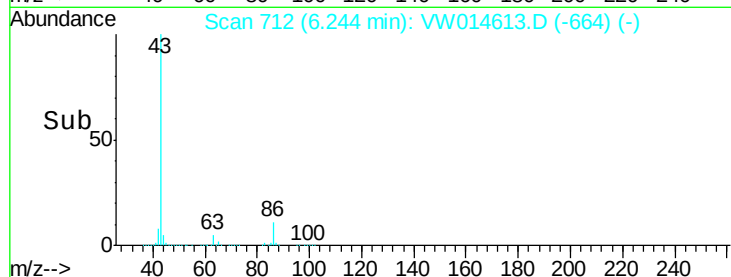
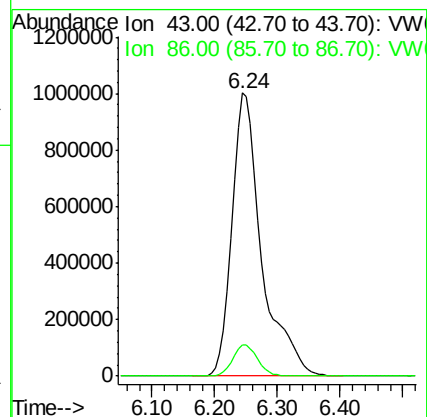
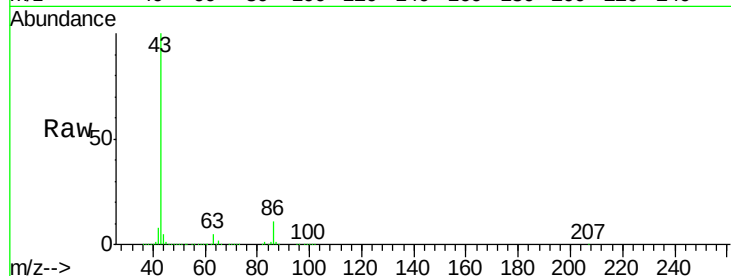
86 10.9 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 48.623 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

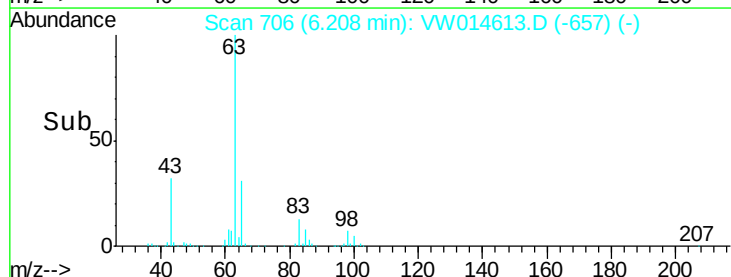
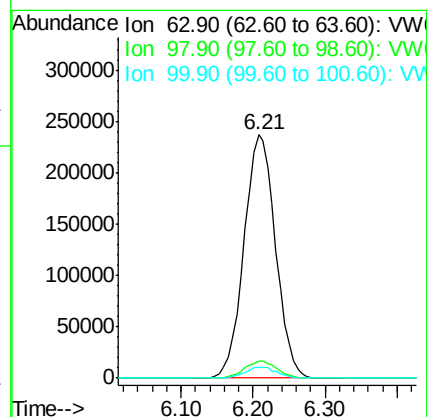
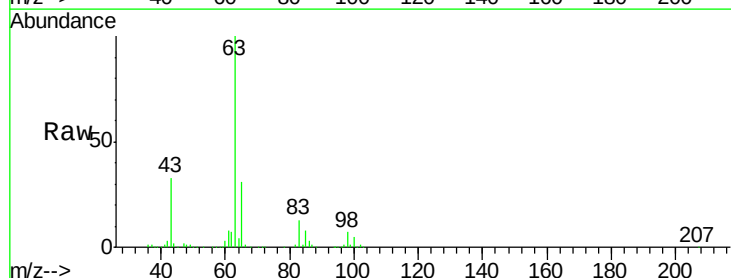
Tgt Ion: 63 Resp: 719227

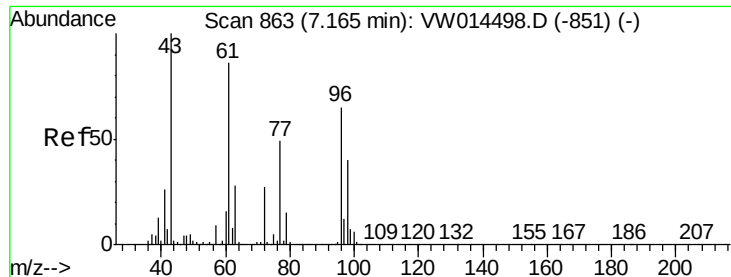
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 217.181 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 566866

Ion Ratio Lower Upper

43 100

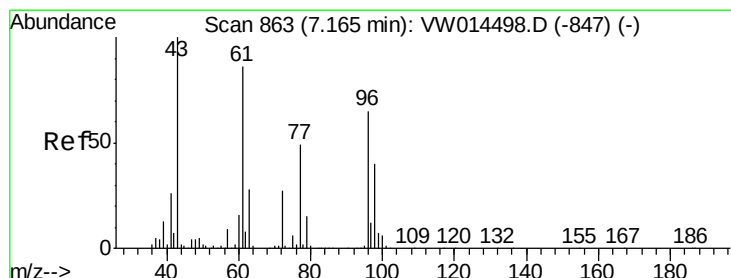
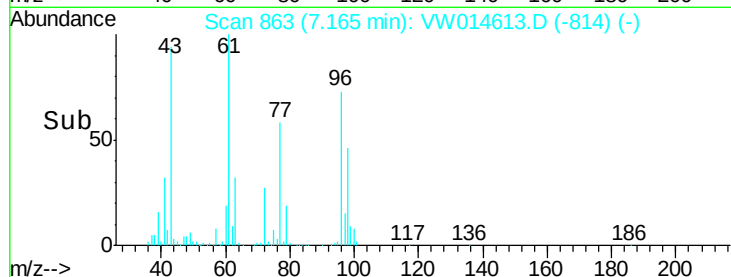
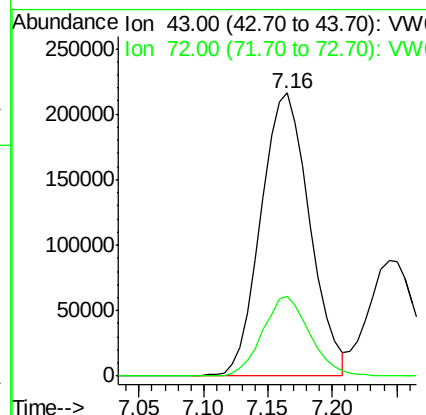
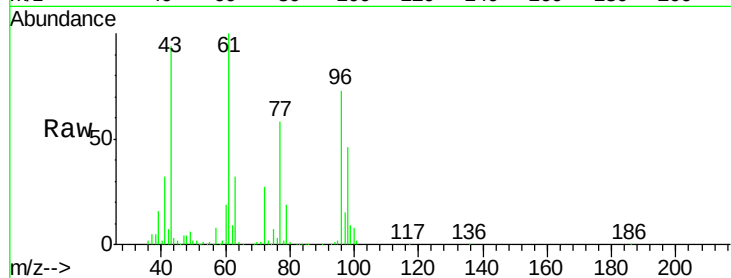
72 28.4 21.9 32.9

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#26

2,2-Dichloropropane

Concen: 48.615 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014613.D

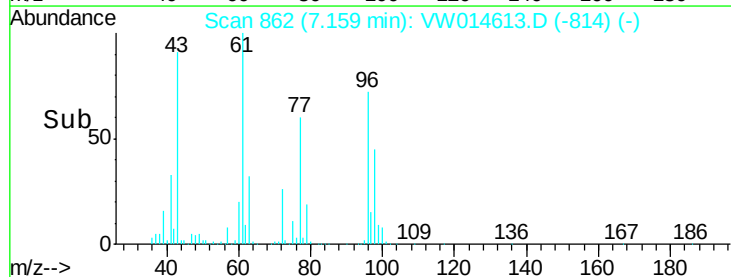
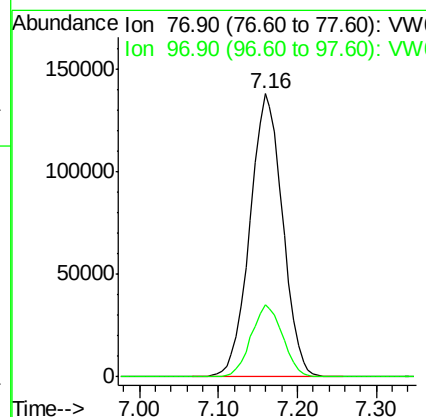
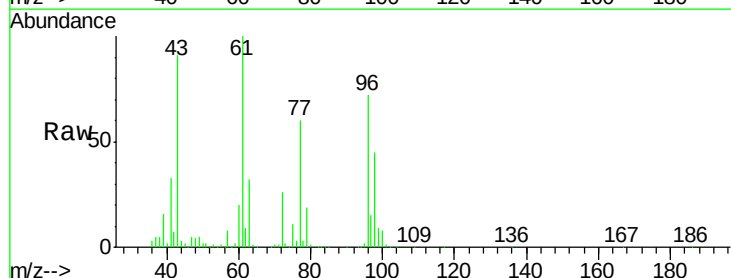
Acq: 13 Jan 2020 10:02

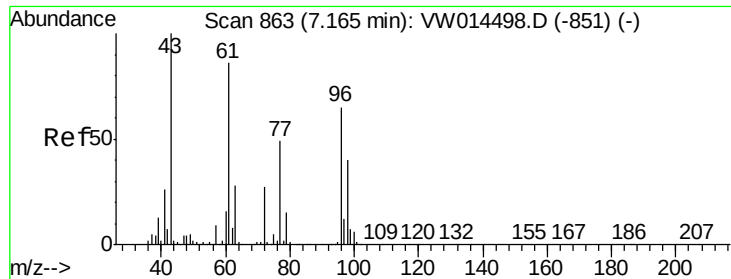
Tgt Ion: 77 Resp: 398132

Ion Ratio Lower Upper

77 100

97 24.7 12.5 37.5





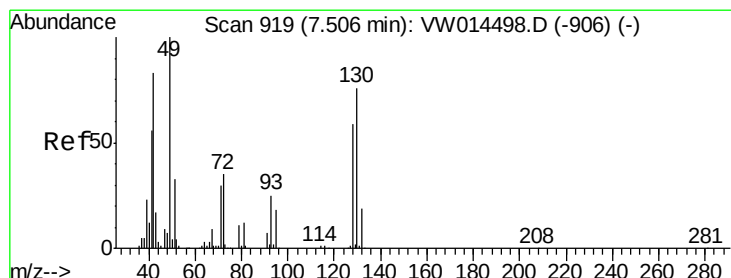
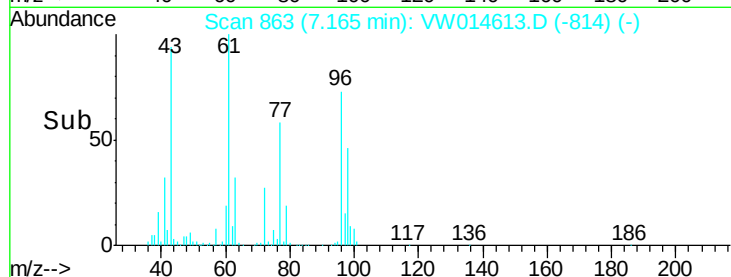
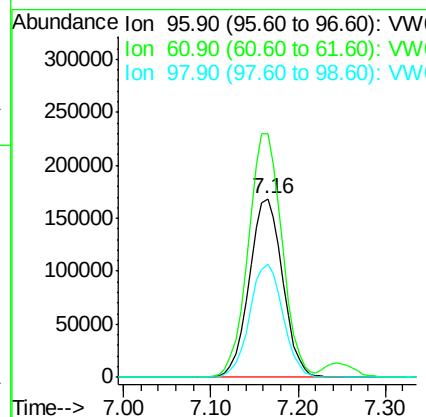
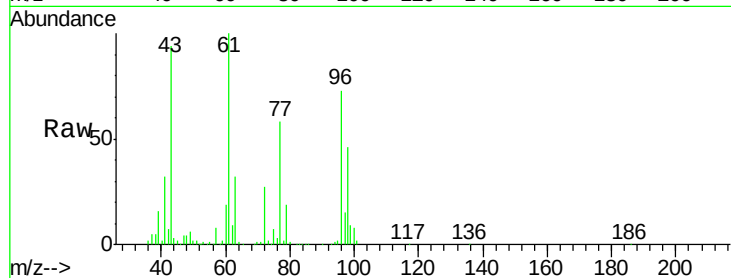
#27
 cis-1,2-Dichloroethene
 Concen: 48.670 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	274.8
98	63.5	0.0	128.6

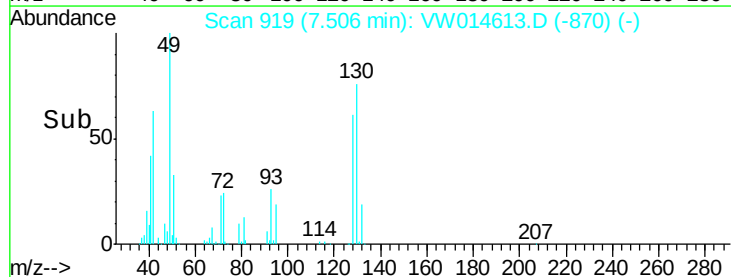
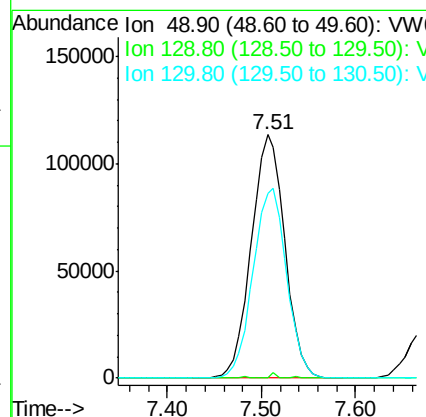
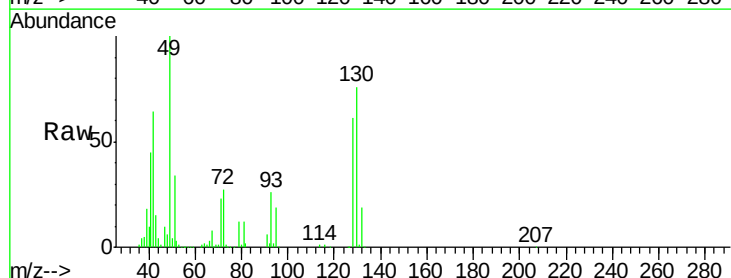
Manual Integrations
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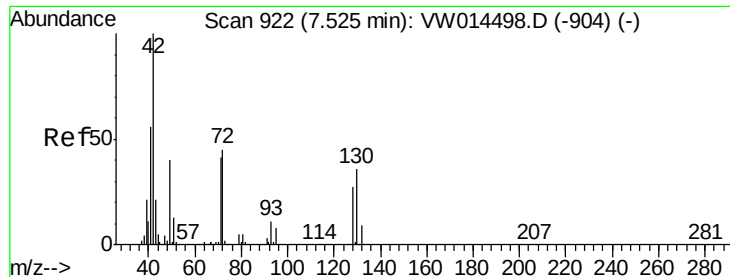
apatel
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#28
 Bromochloromethane
 Concen: 48.684 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	2.0
130	78.5	62.5	93.7





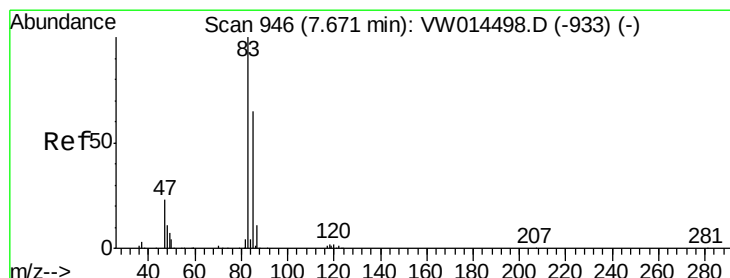
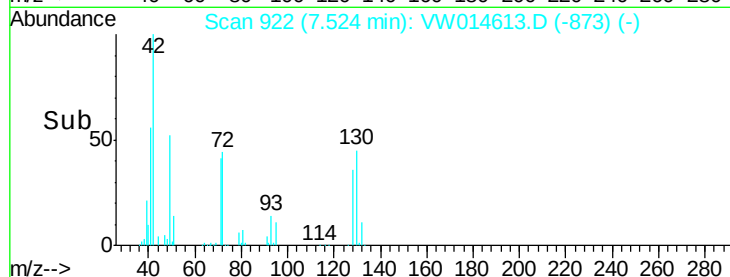
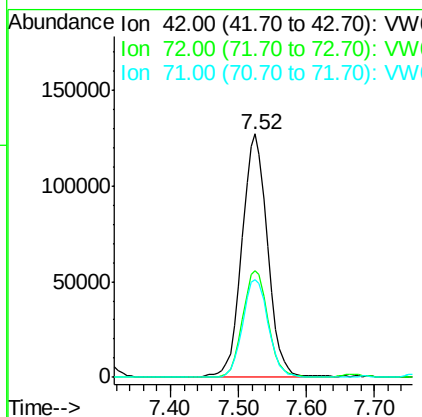
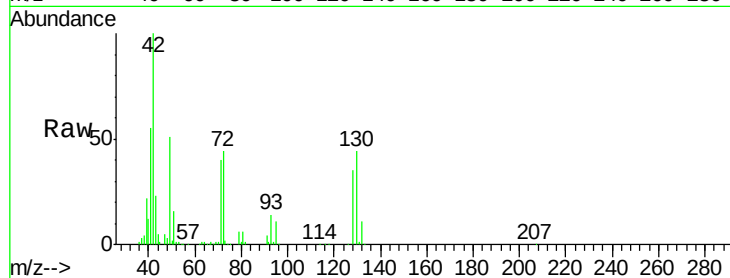
#29
Tetrahydrofuran
Concen: 205.219 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.5	51.7
71	40.5	32.0	48.0

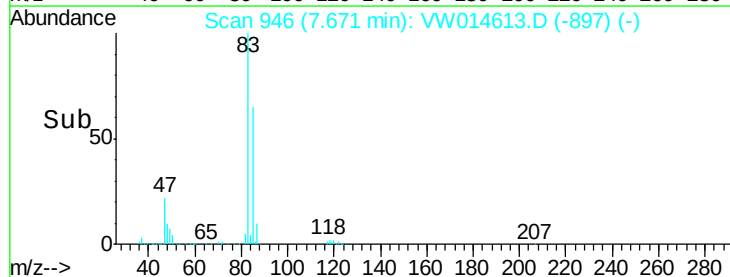
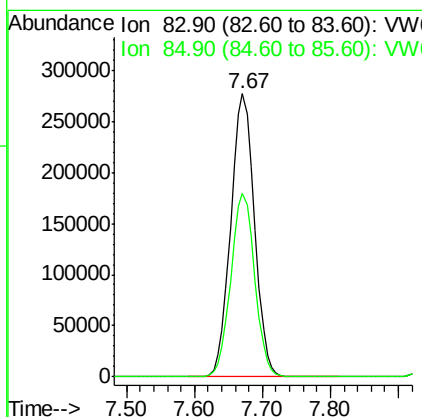
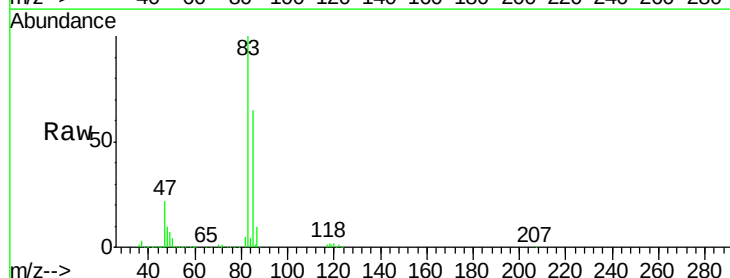
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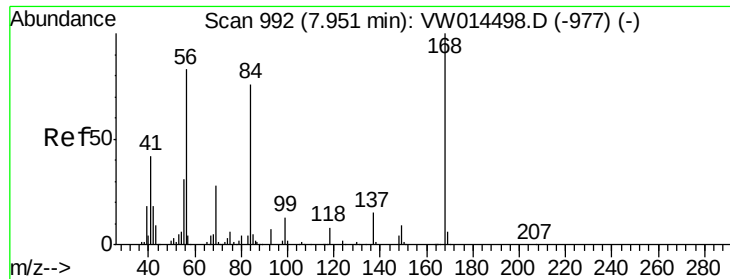
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#30
Chloroform
Concen: 48.412 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.2	78.2





#31

Cyclohexane

Concen: 46.525 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

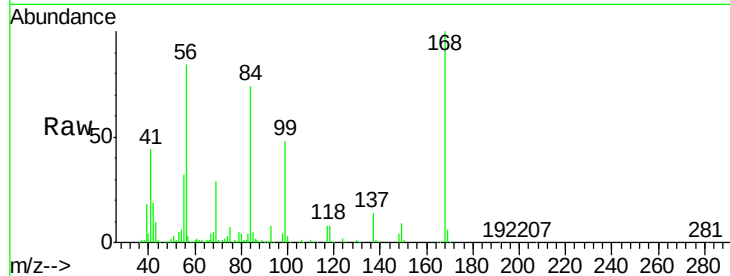
ClientSampleId :

VSTDCCC050

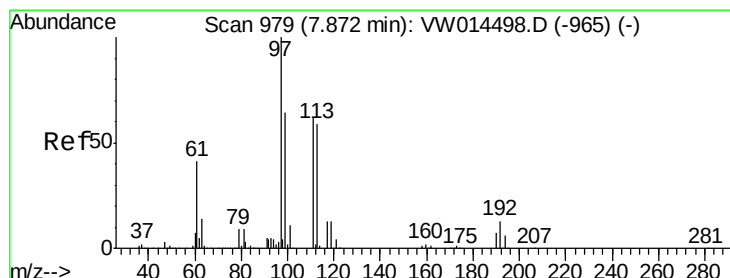
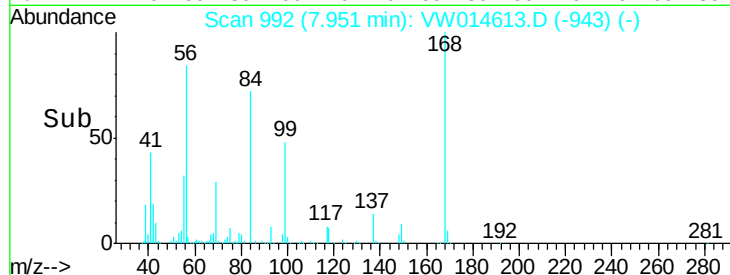
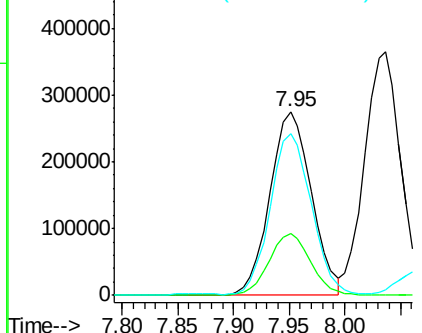
Tot Ion:	56	Resp:	715202
Ion	Ratio	Lower	Upper
56	100		
69	33.9	26.8	40.2
84	87.0	71.8	107.6

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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 49.423 ug/l

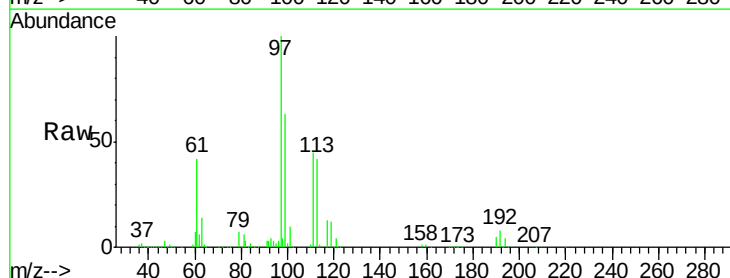
RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

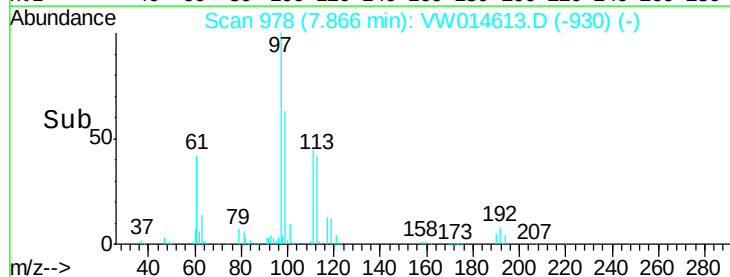
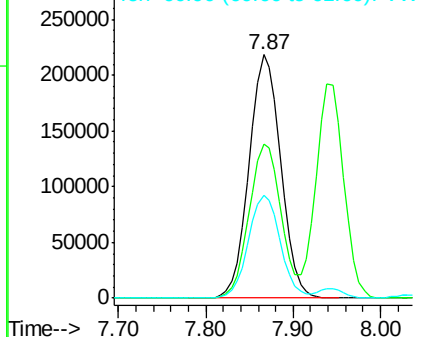
Lab File: VW014613.D

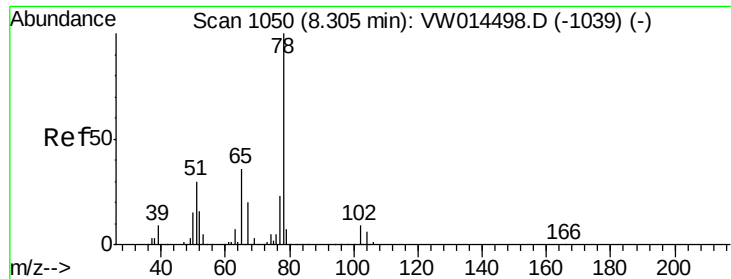
Acq: 13 Jan 2020 10:02

Tgt Ion:	97	Resp:	549831
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	42.8	33.8	50.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





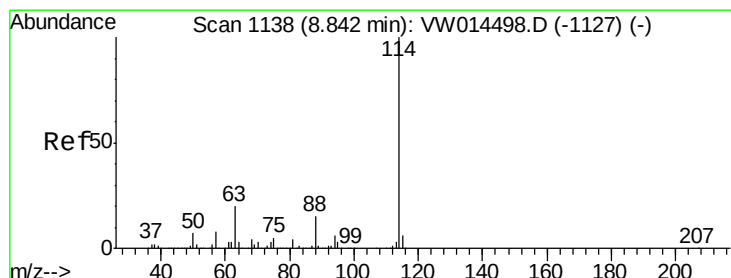
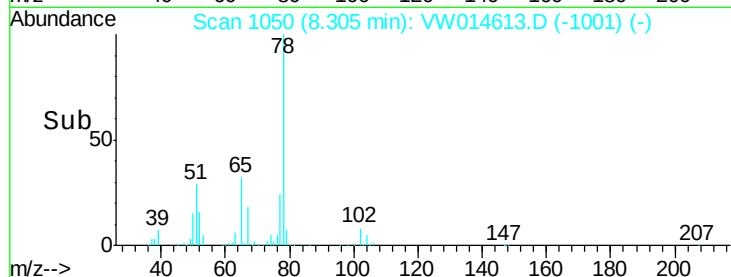
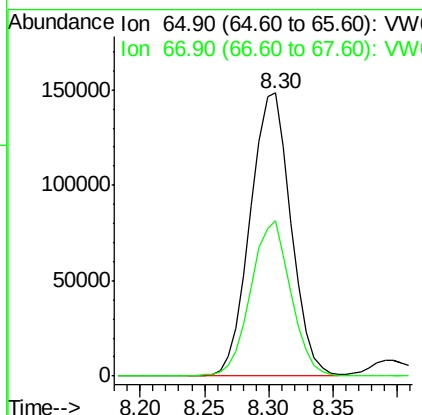
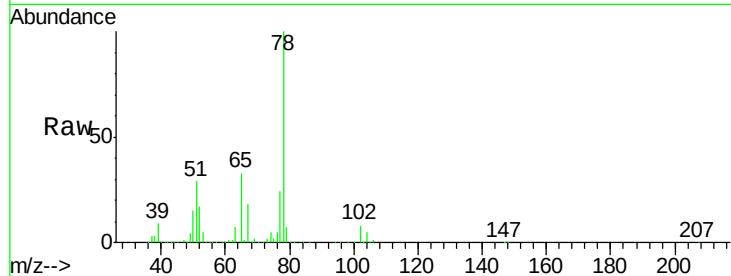
#33
 1,2-Dichloroethane-d4
 Concen: 45.015 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.4

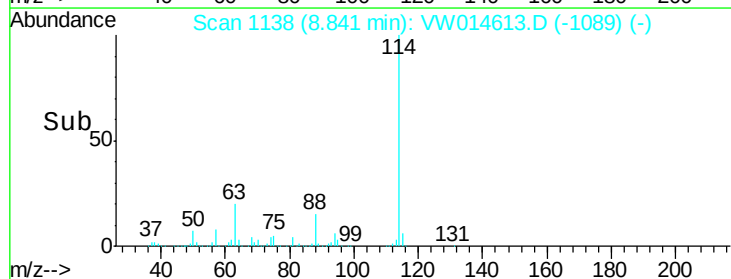
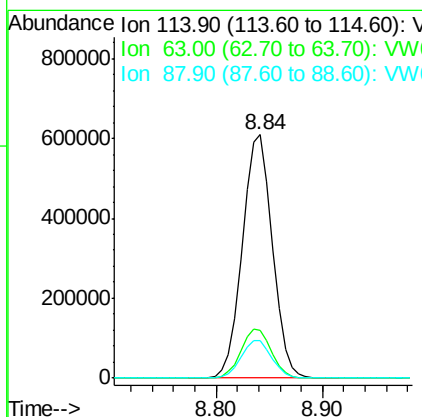
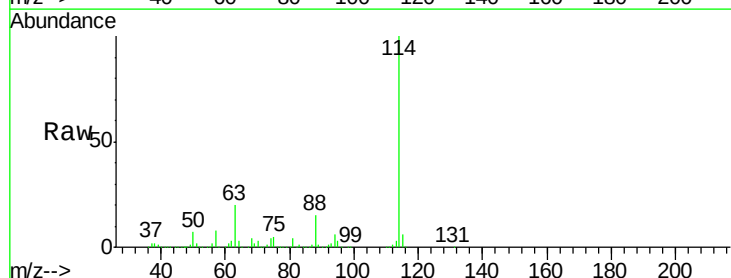
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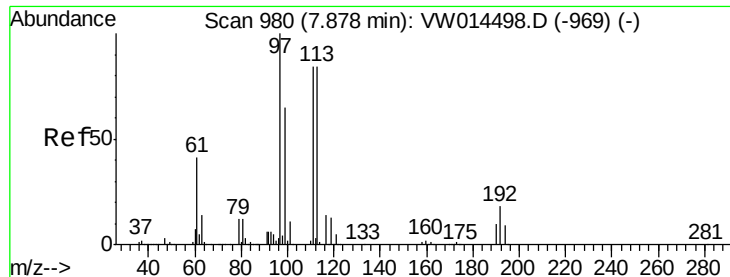
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.4
88	15.5	0.0	30.6





#35

Dibromofluoromethane

Concen: 48.227 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

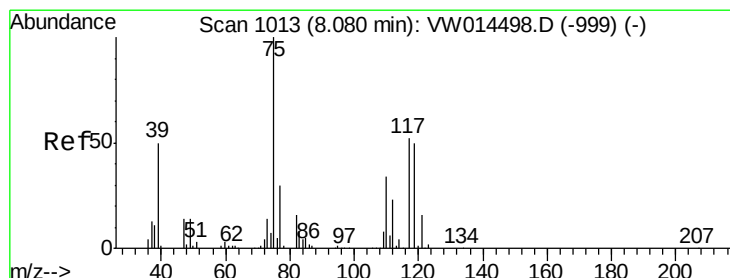
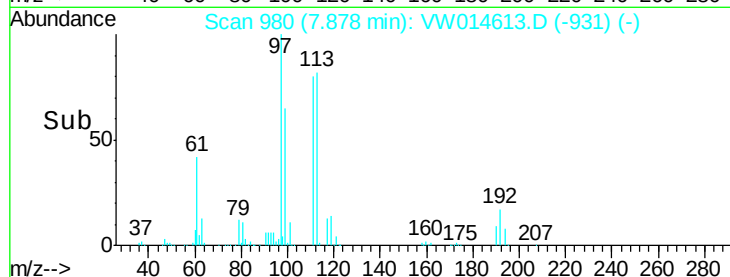
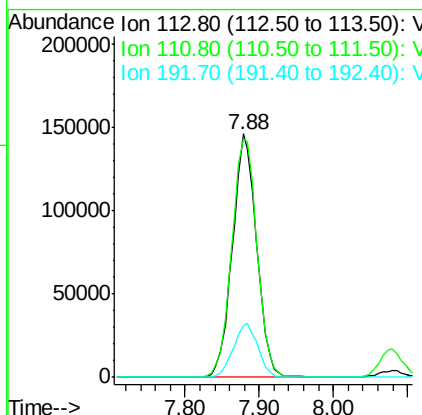
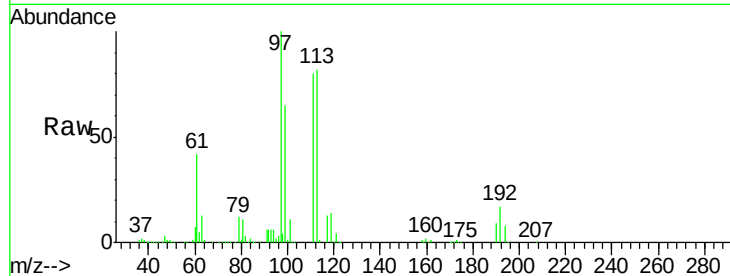
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	333086
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.4	122.2
192	22.3	17.8	26.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.629 ug/l

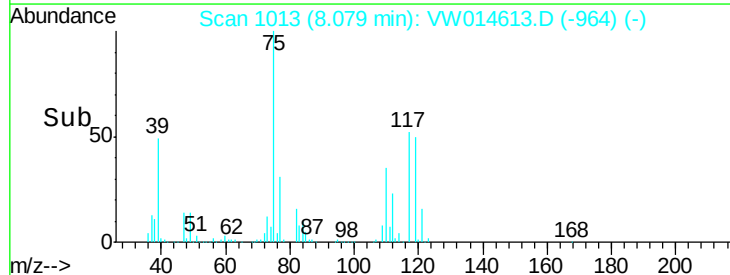
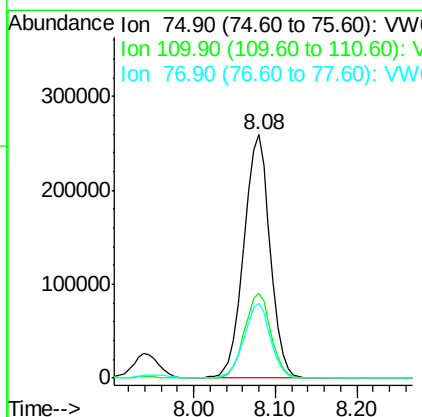
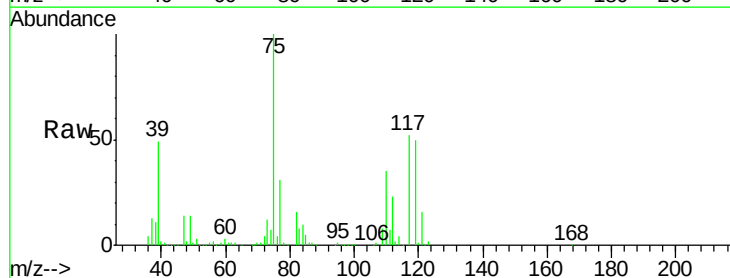
RT: 8.08 min Scan# 1013

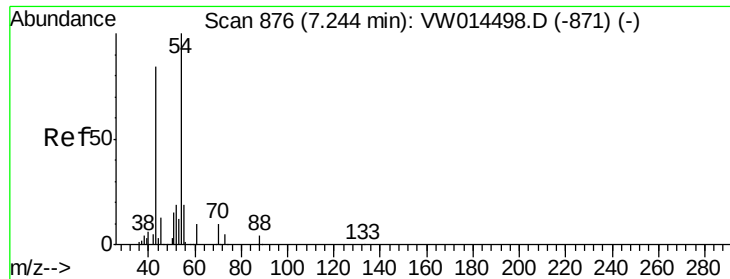
Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion:	75	Resp:	578185
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.8	53.5
77	31.2	24.7	37.1





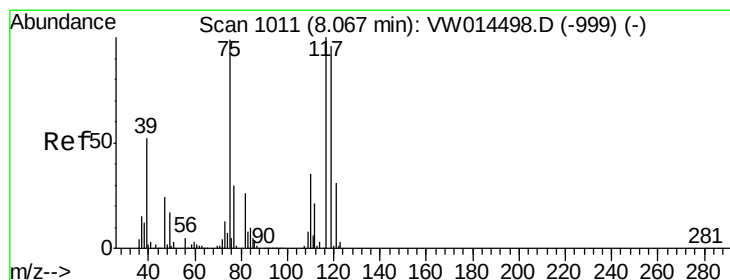
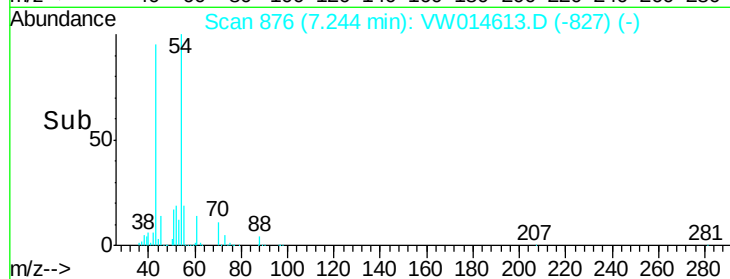
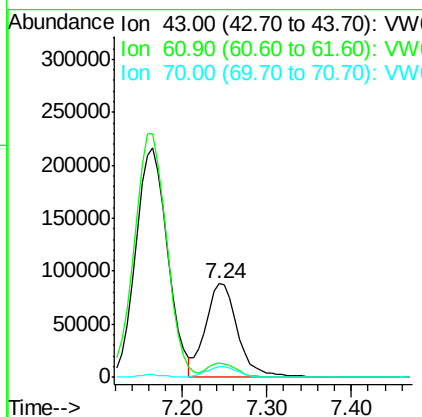
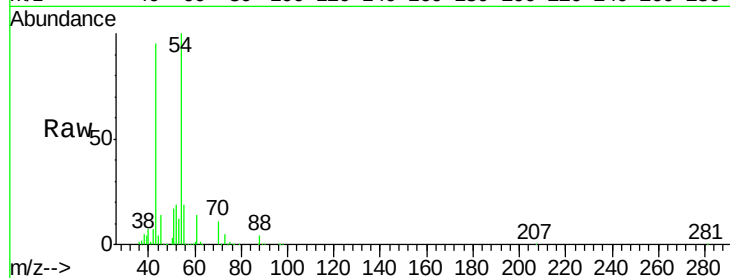
#37
Ethyl Acetate
Concen: 43.924 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	11.1	9.0	13.6

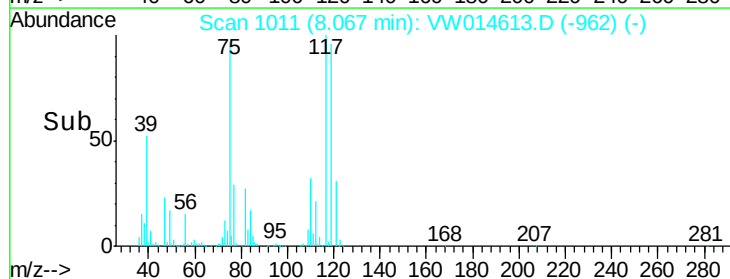
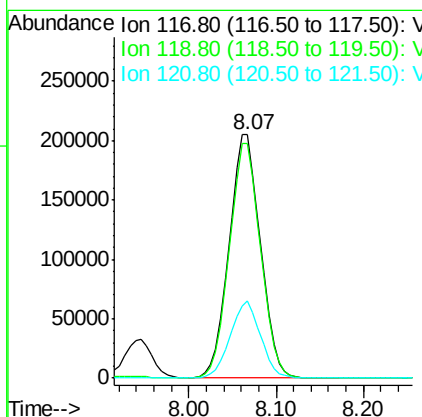
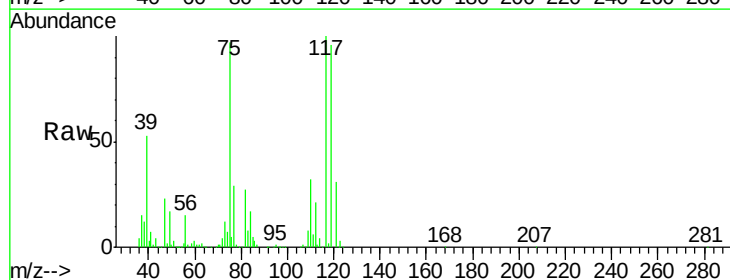
Manual Integrations
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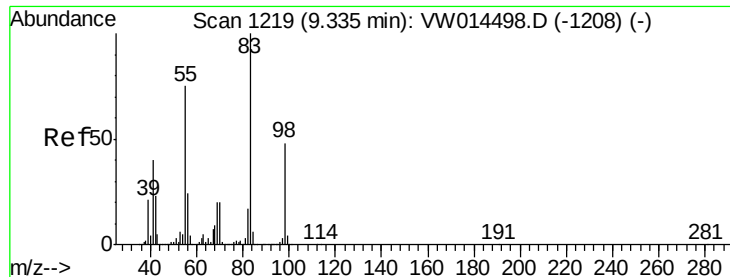
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#38
Carbon Tetrachloride
Concen: 50.587 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.6
121	31.5	24.6	36.8





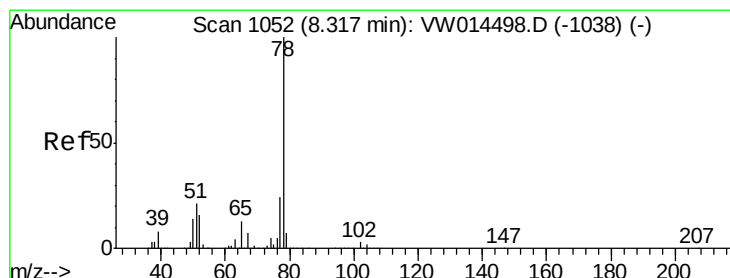
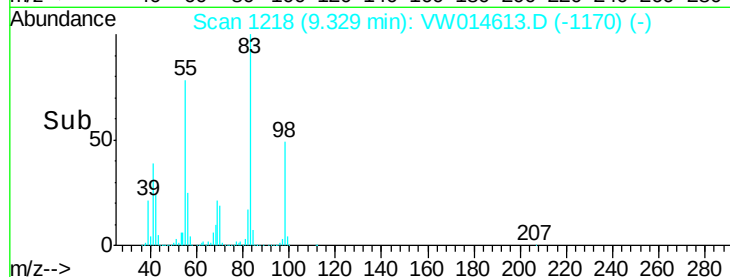
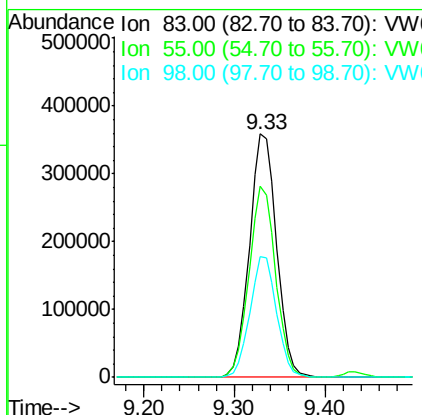
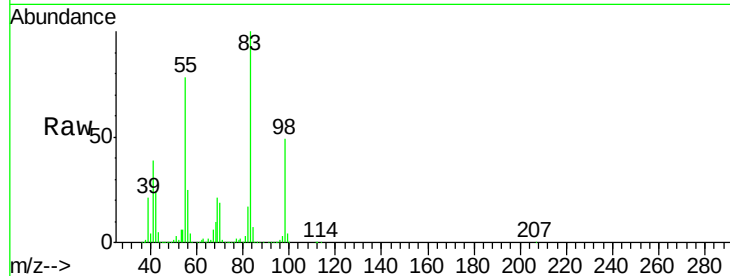
#39
Methylvlcyclohexane
Concen: 49.698 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	60.1	90.1
98	49.3	38.8	58.2

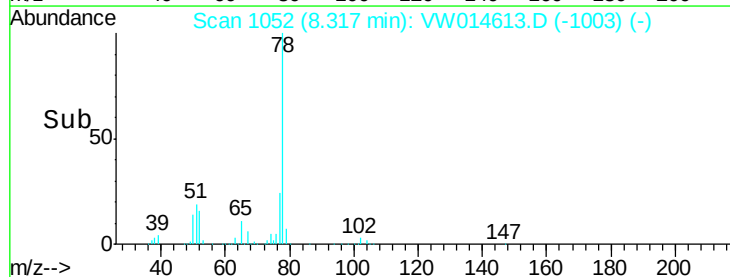
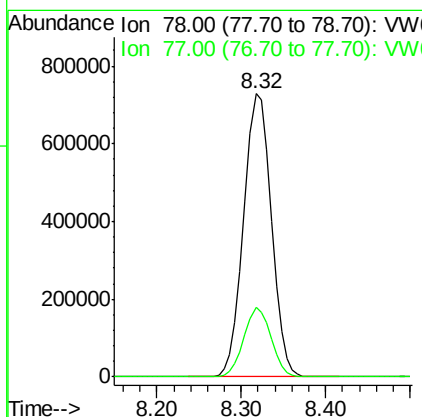
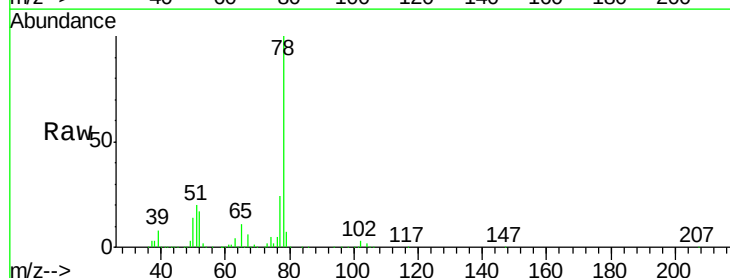
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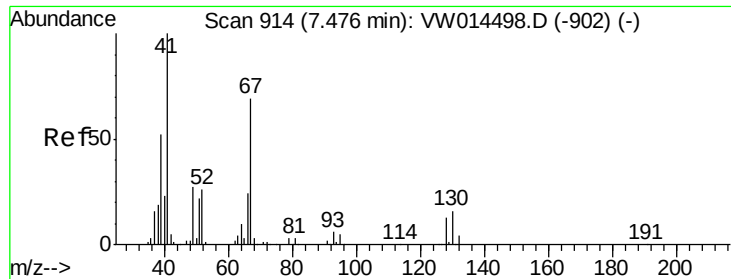
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#40
Benzene
Concen: 49.235 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





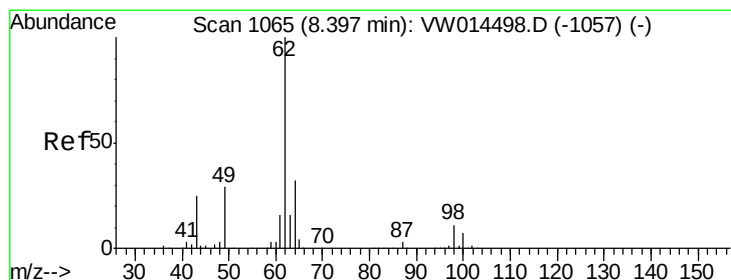
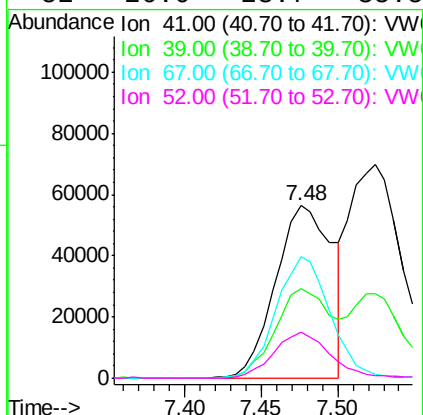
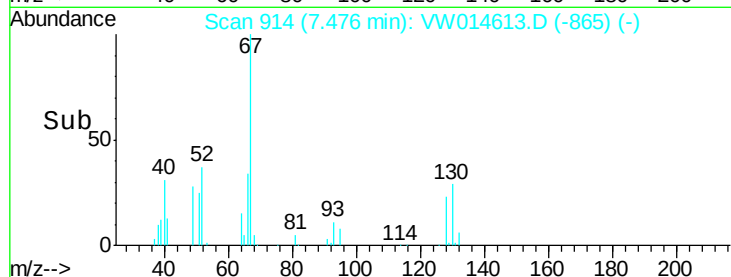
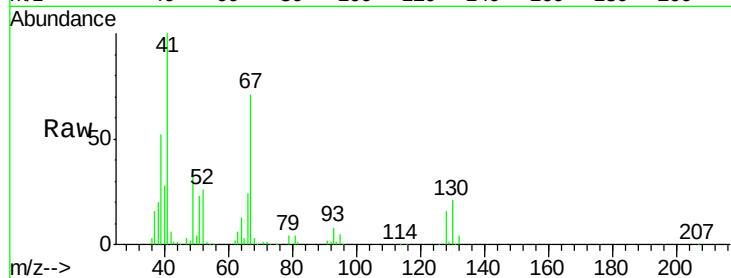
#41
Methacrylonitrile
Concen: 49.402 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	145506
Ion	Ratio	Lower	Upper
41	100		
39	50.6	46.0	69.0
67	67.6	60.8	91.2
52	26.0	23.7	35.5

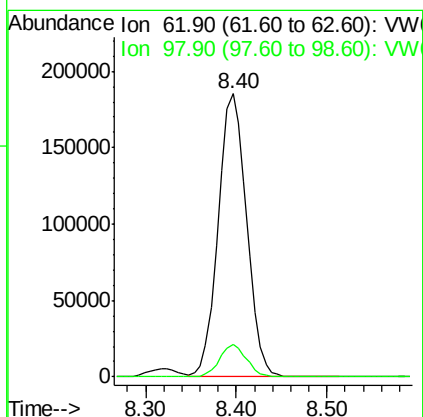
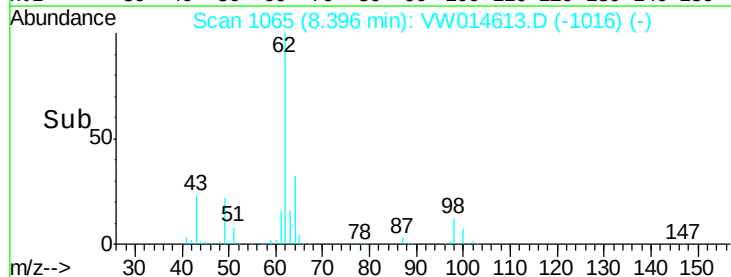
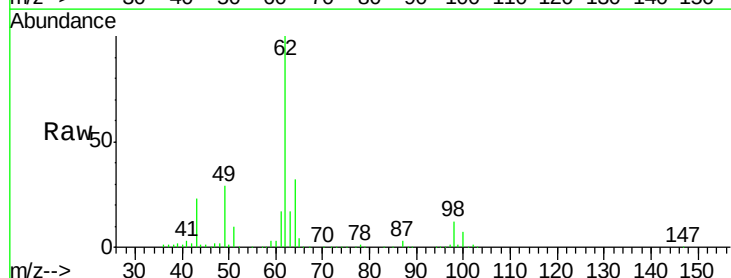
Manual Integrations
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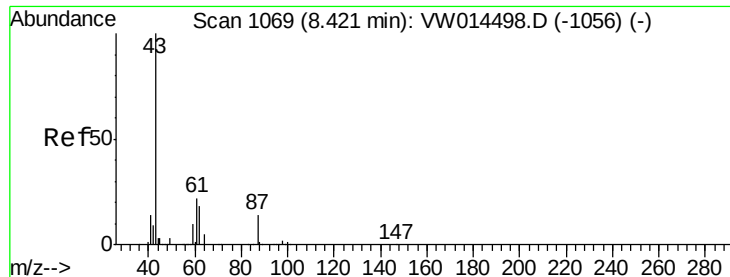
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#42
1,2-Dichloroethane
Concen: 47.298 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	62	Resp	404588
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 44.290 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

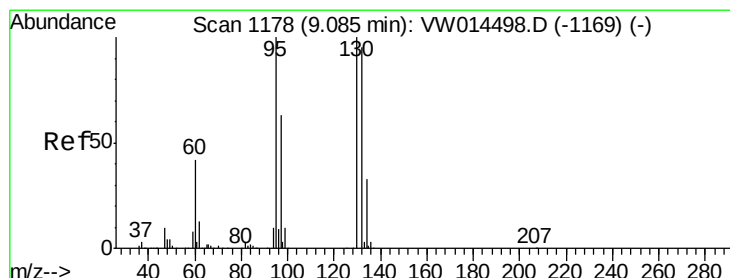
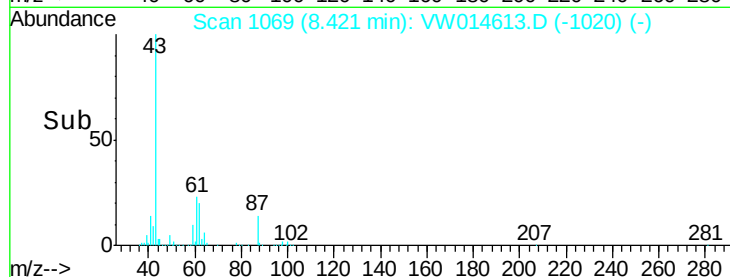
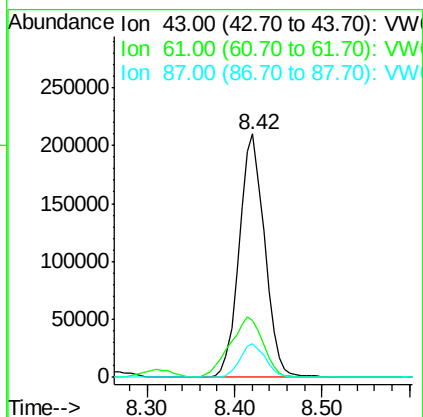
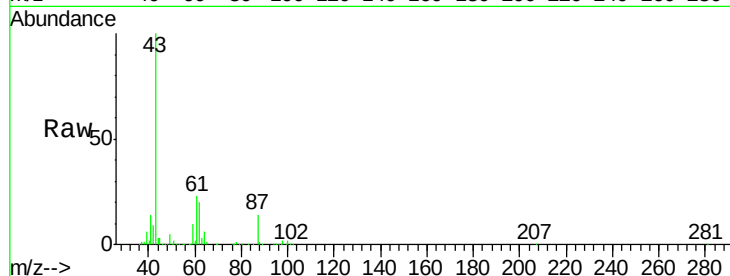
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	424955
Ion	Ratio	Lower	Upper
43	100		
61	32.5	24.7	37.1
87	13.9	11.1	16.7

Manual Integrations
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#44

Trichloroethene

Concen: 49.668 ug/l

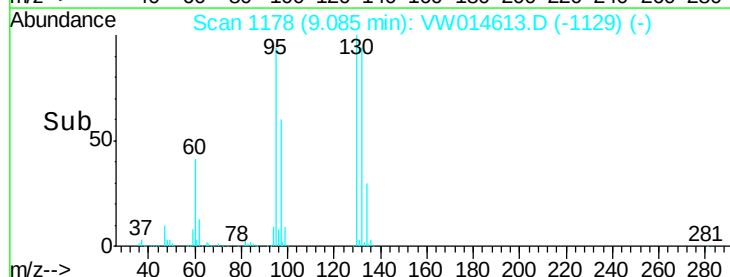
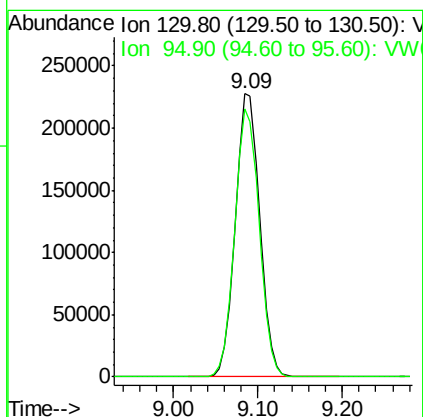
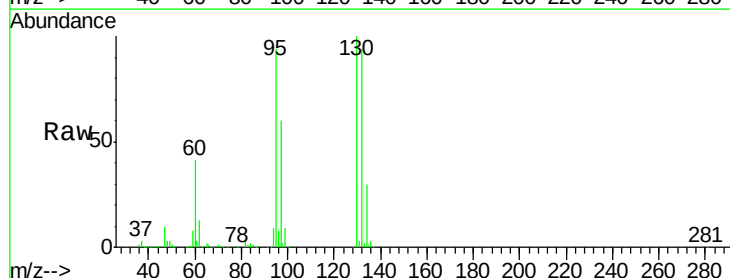
RT: 9.09 min Scan# 1178

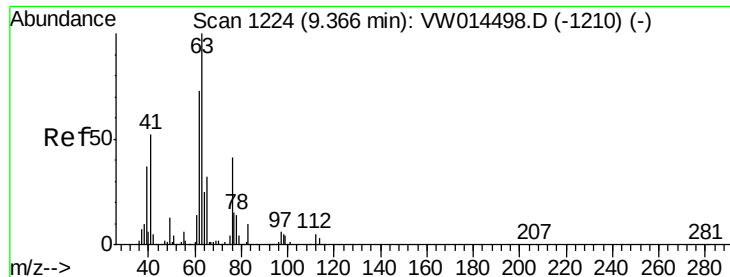
Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion:	130	Resp:	443012
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	199.4





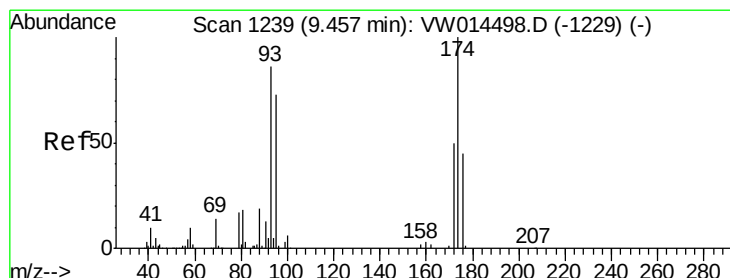
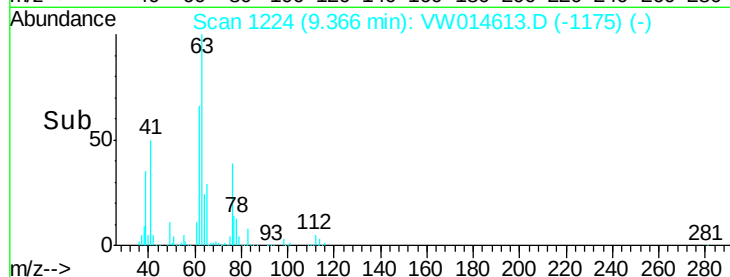
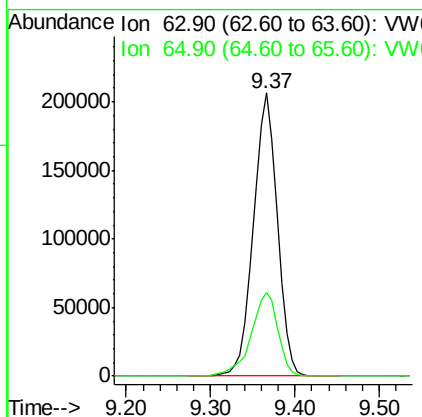
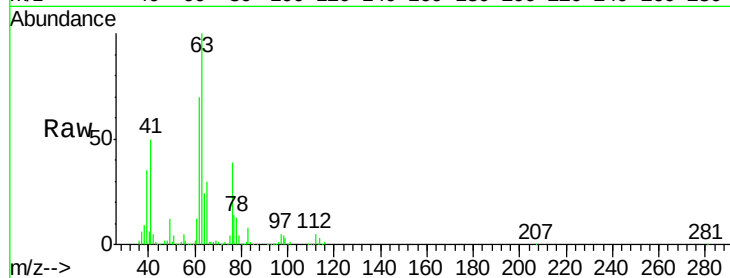
#45
 1,2-Dichloropropane
 Concen: 49.237 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	25.6	38.4

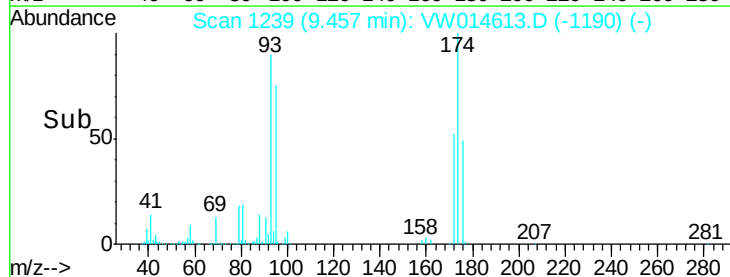
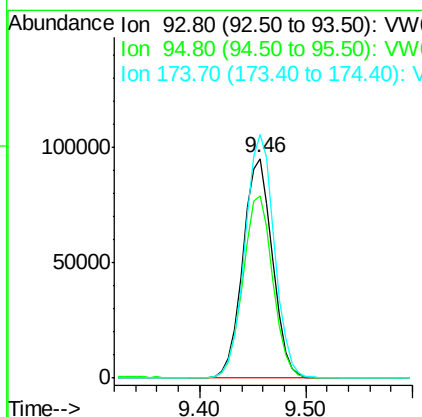
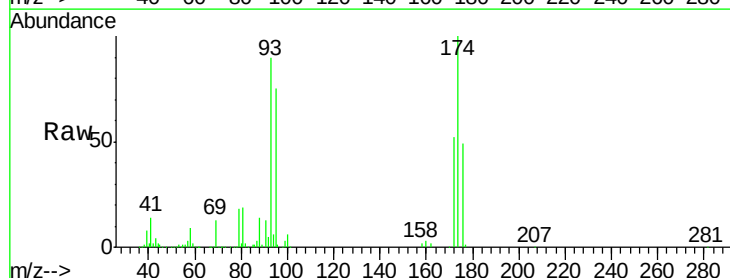
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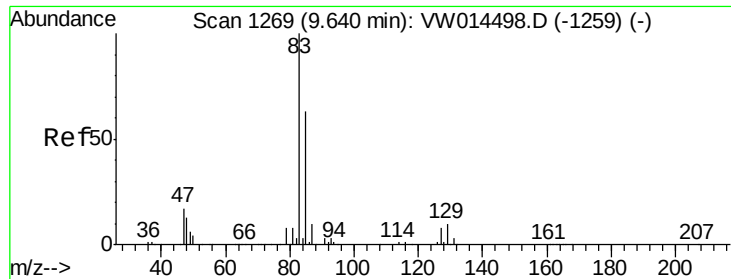
apatel
 1/14/2020 3:06:37 PM



#46
 Dibromomethane
 Concen: 46.598 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.4	99.6
174	110.6	89.1	133.7





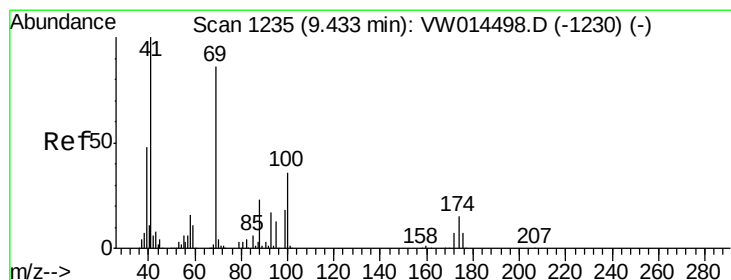
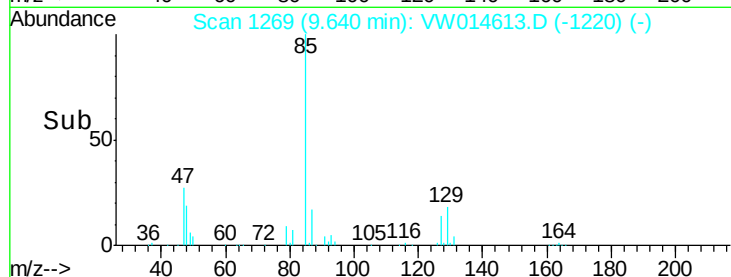
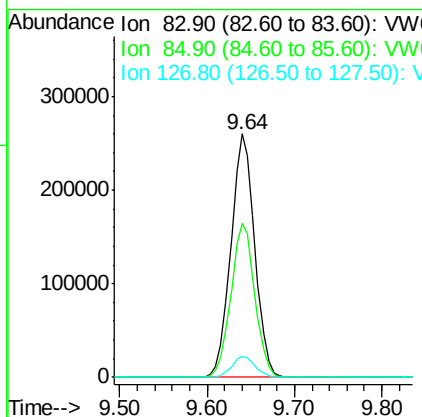
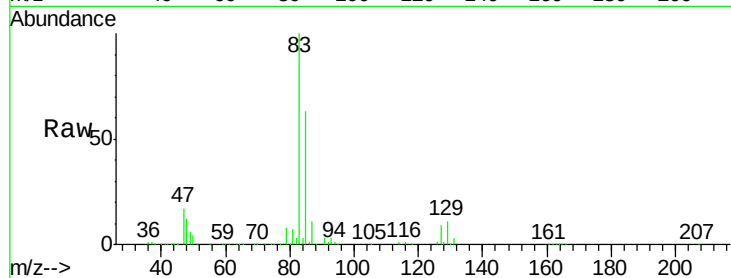
#47
Bromodichloromethane
Concen: 49.810 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	491050		
85	63.2		50.6	76.0
127	8.5		6.6	9.8

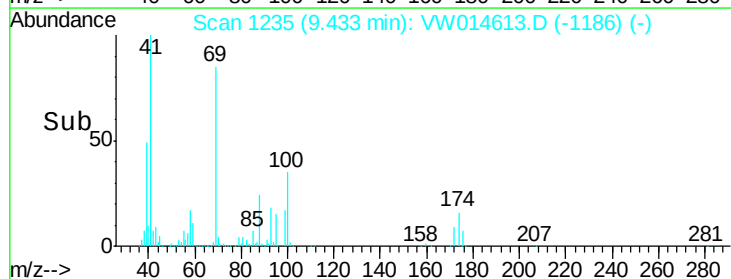
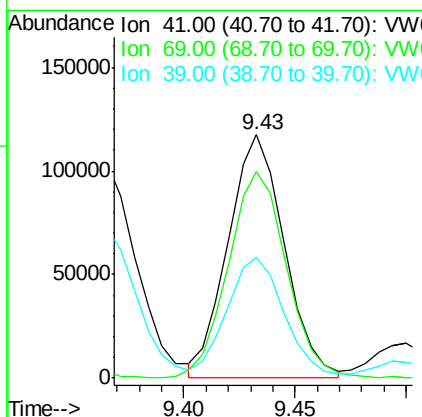
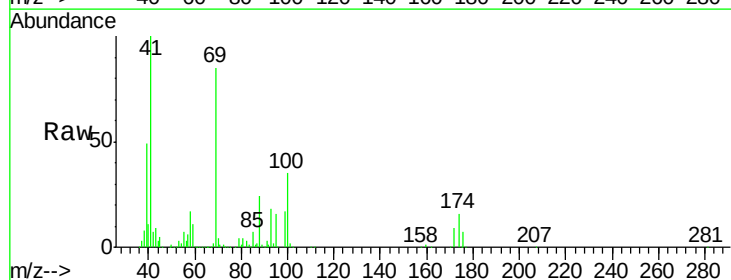
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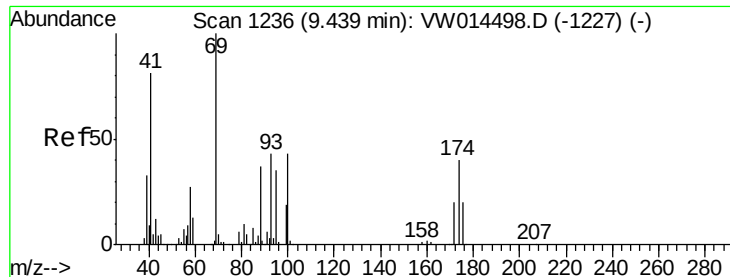
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1/14/2020 3:06:37 PM



#48
Methyl methacrylate
Concen: 44.044 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	206325		
69	87.7		68.3	102.5
39	47.1		36.8	55.2





#49

1,4-Dioxane

Concen: 879.767 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

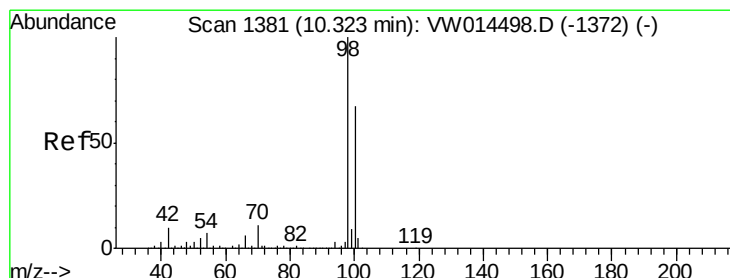
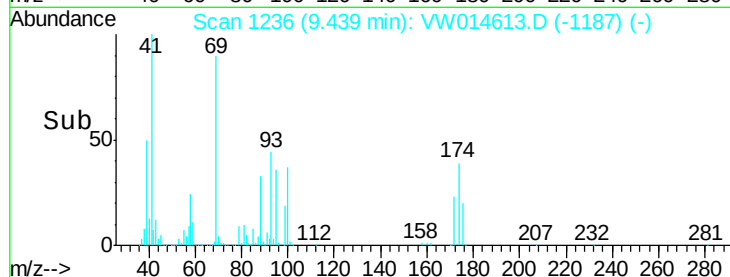
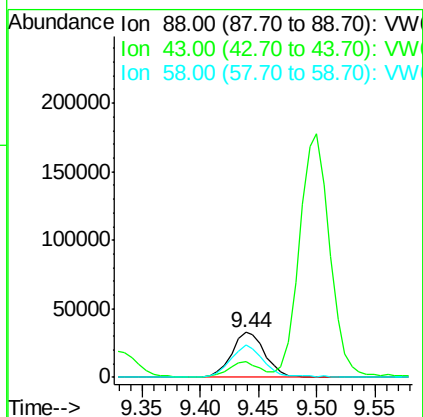
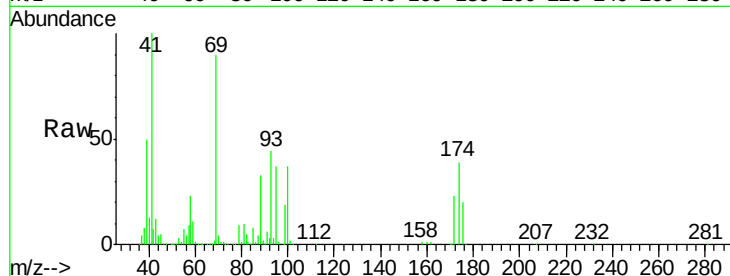
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	65706
Ion	Ratio	Lower	Upper
88	100		
43	33.2	24.9	37.3
58	73.2	56.9	85.3

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#50

Toluene-d8

Concen: 47.986 ug/l

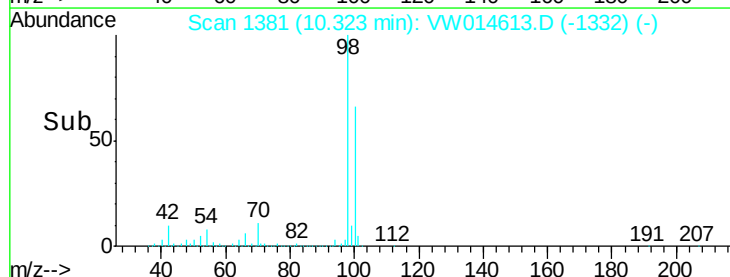
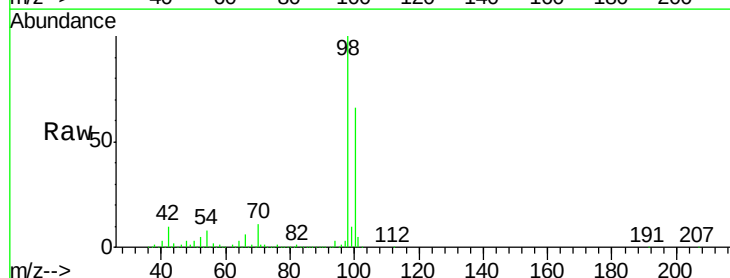
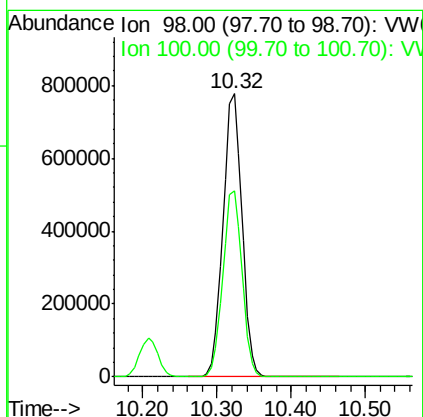
RT: 10.32 min Scan# 1381

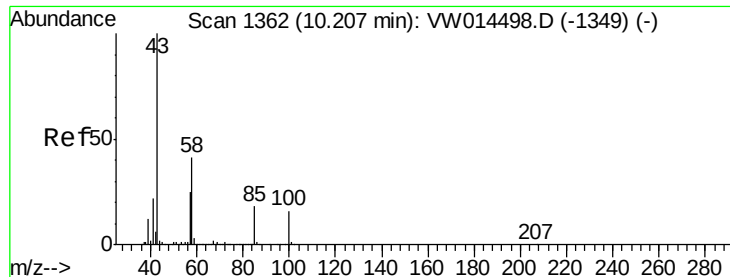
Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion:	98	Resp:	1383093
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 218.301 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1087695

Ion Ratio Lower Upper

43 100

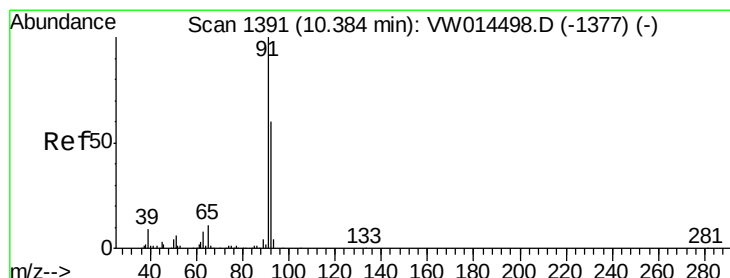
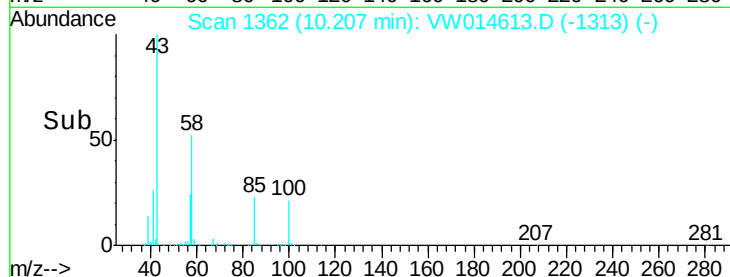
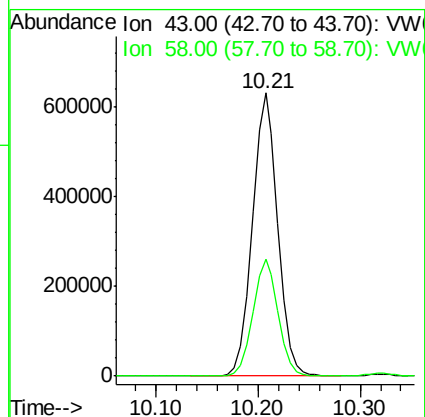
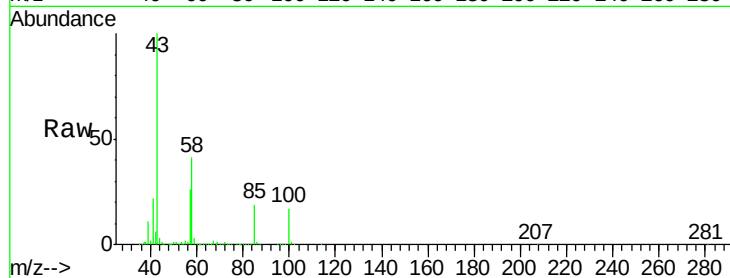
58 41.3 32.7 49.1

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#52

Toluene

Concen: 49.284 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014613.D

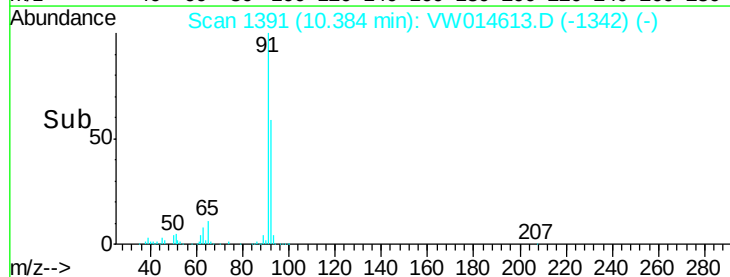
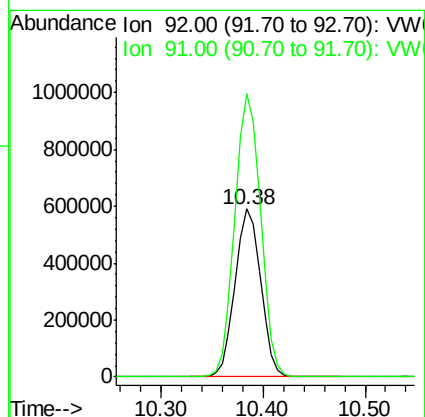
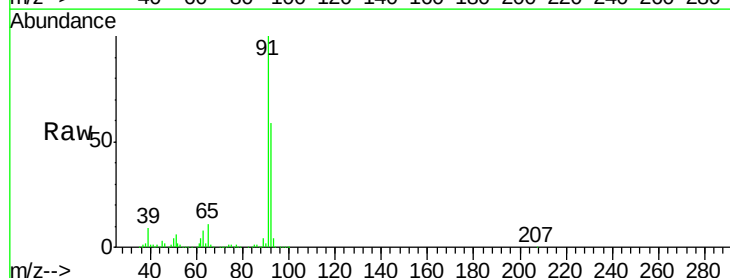
Acq: 13 Jan 2020 10:02

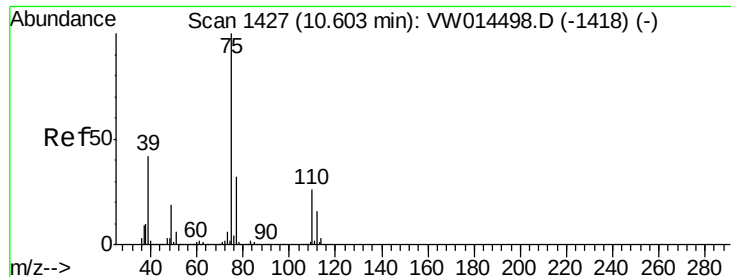
Tgt Ion: 92 Resp: 1022013

Ion Ratio Lower Upper

92 100

91 170.3 134.1 201.1





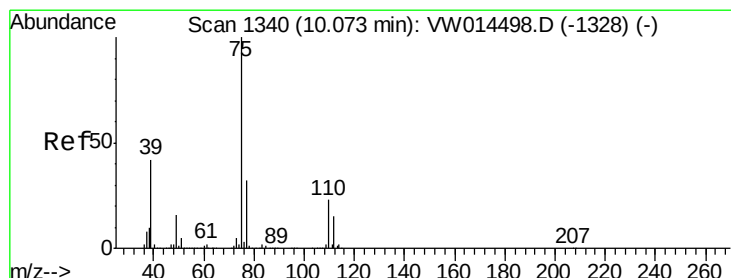
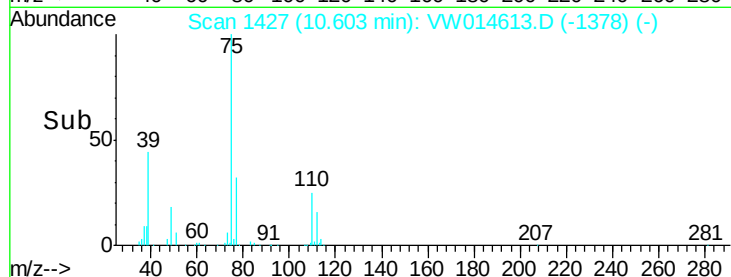
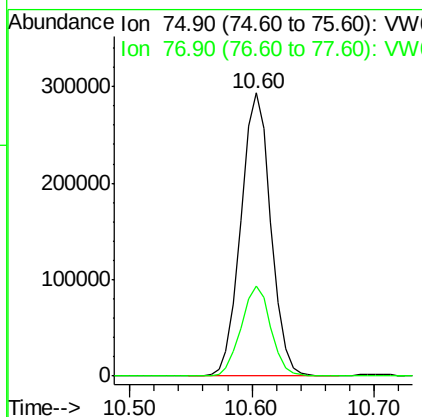
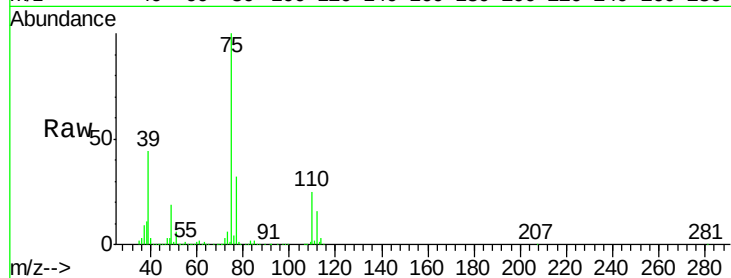
#53
 t-1,3-Dichloropropene
 Concen: 48.645 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2

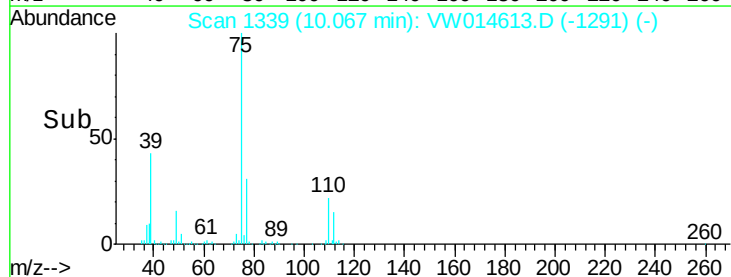
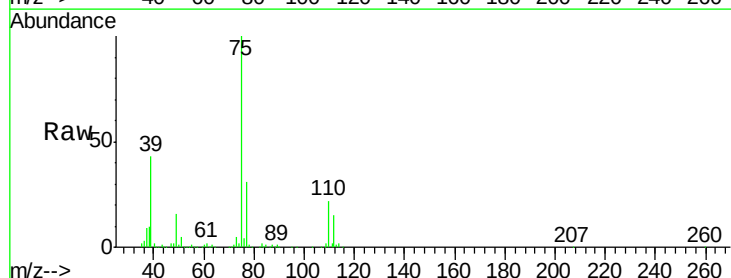
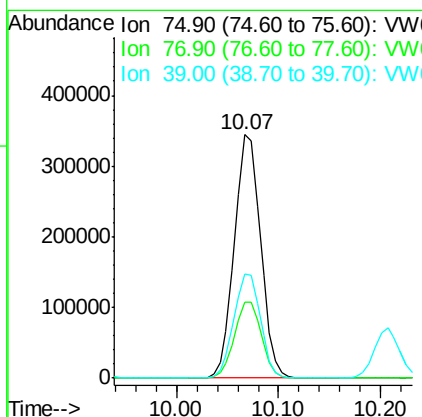
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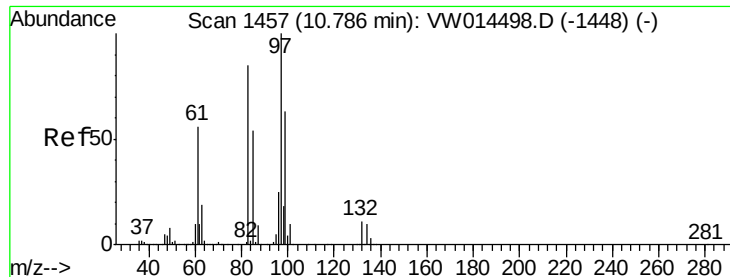
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#54
 cis-1,3-Dichloropropene
 Concen: 49.141 ug/l
 RT: 10.07 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0
39	42.8	33.4	50.2





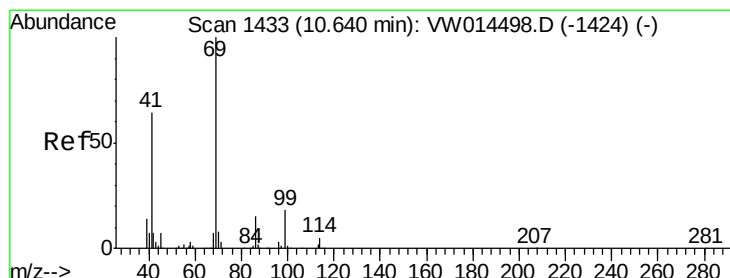
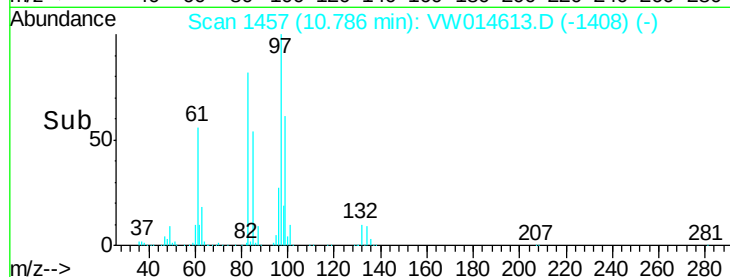
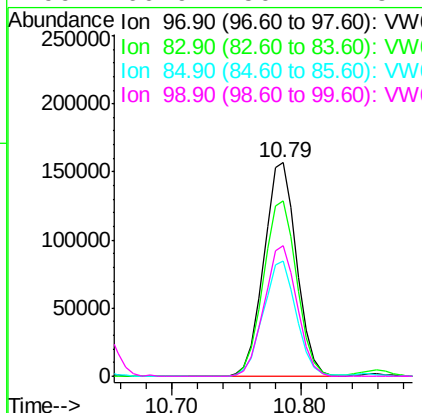
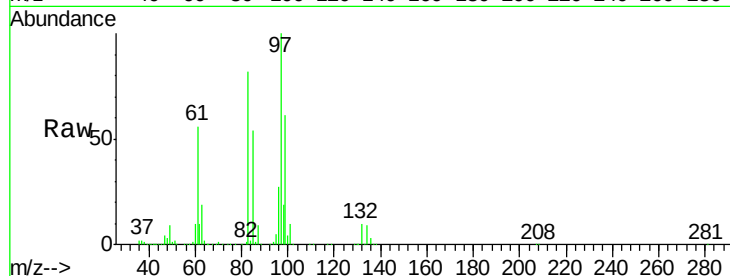
#55
 1,1,2-Trichloroethane
 Concen: 47.371 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		276263		
83	82.1	68.2	102.4		
85	54.1	43.0	64.4		
99	60.9	50.1	75.1		

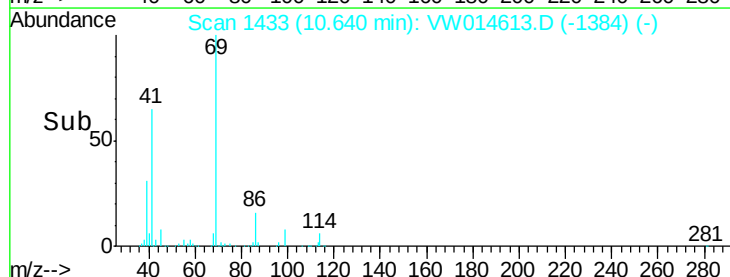
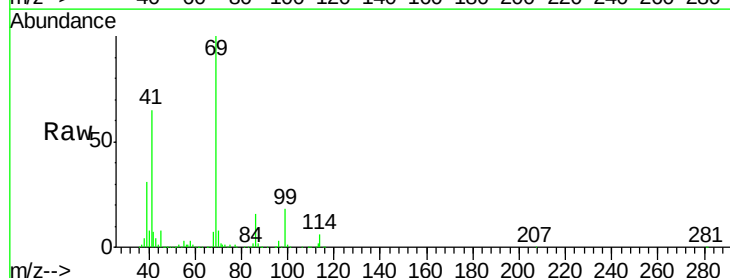
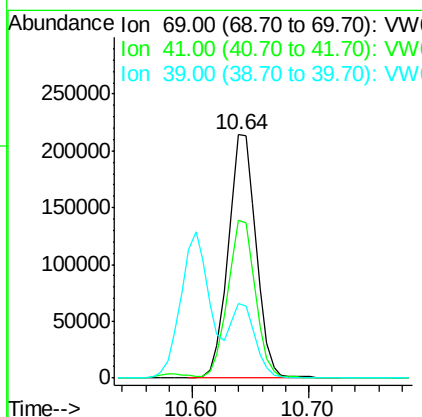
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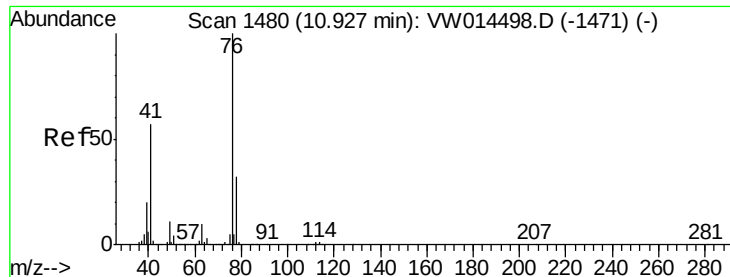
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#56
 Ethyl methacrylate
 Concen: 46.967 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		355970		
41	63.9	51.3	76.9		
39	26.5	21.0	31.6		





#57

1,3-Dichloropropane

Concen: 46.613 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 477769

Ion Ratio Lower Upper

76 100

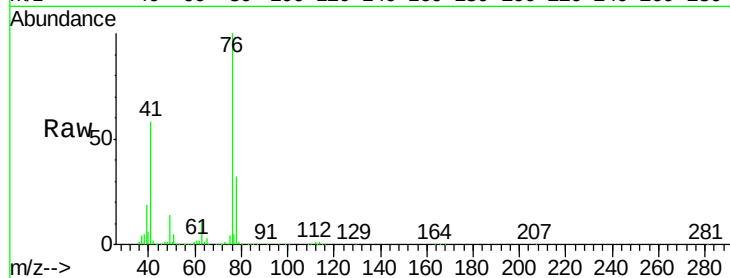
78 32.6 25.9 38.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

250000

200000

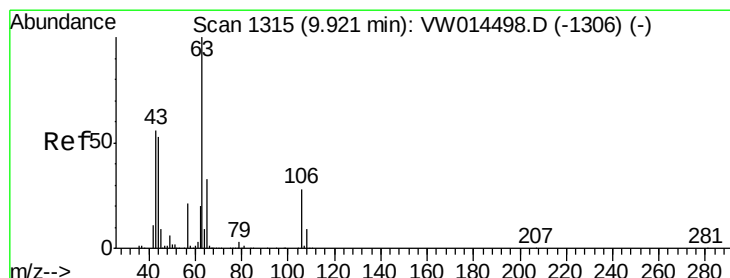
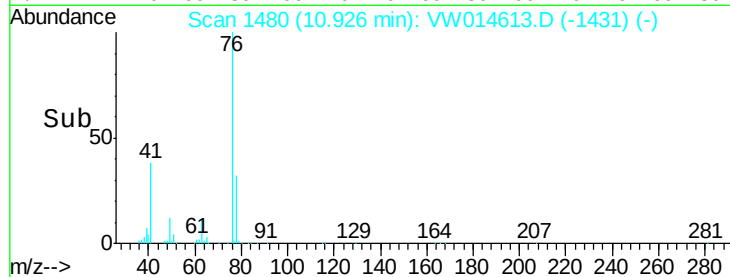
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 271.241 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014613.D

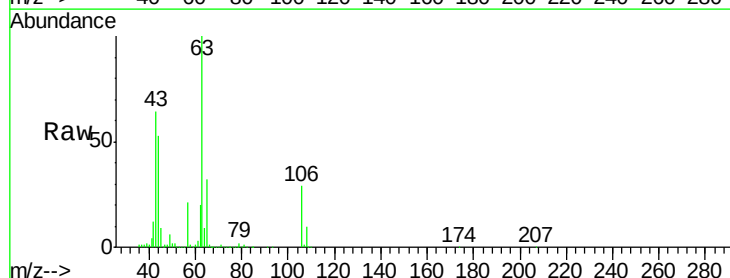
Acq: 13 Jan 2020 10:02

Tgt Ion: 63 Resp: 625227

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.92

400000

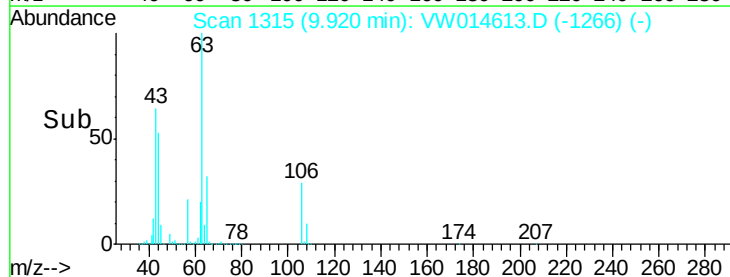
300000

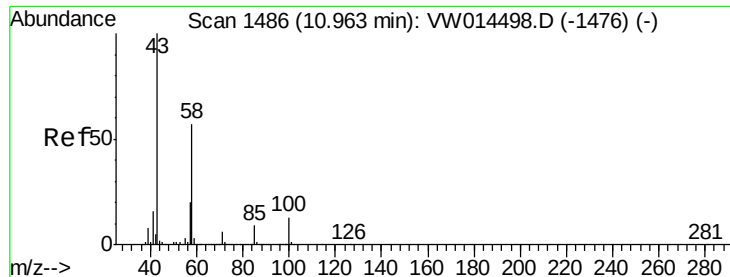
200000

100000

0

Time-->





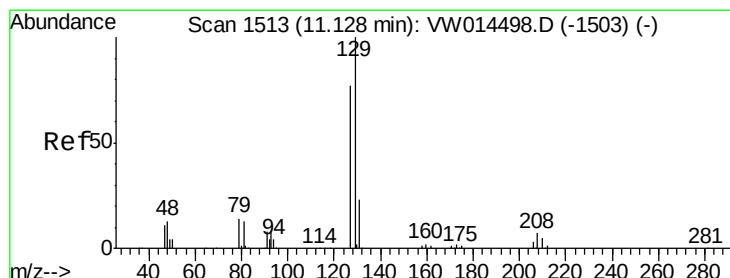
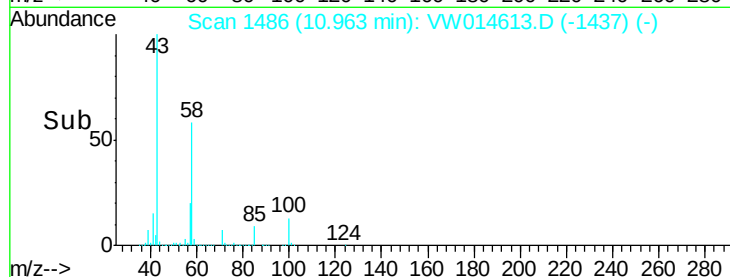
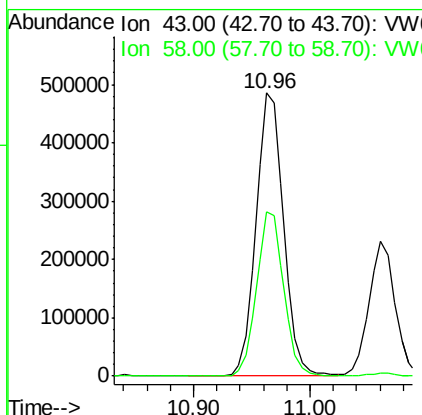
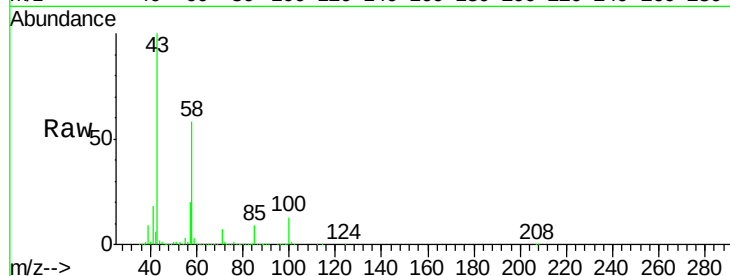
#59
2-Hexanone
Concen: 233.937 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 803203
Ion Ratio Lower Upper
43 100
58 57.0 28.7 86.3

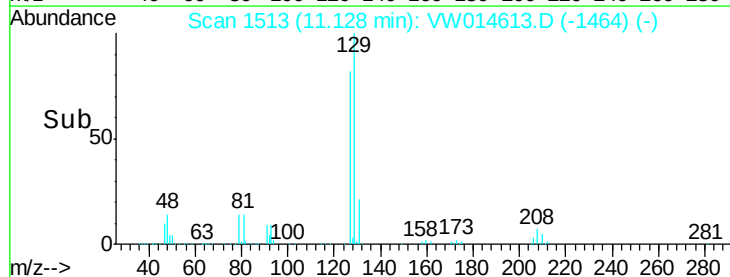
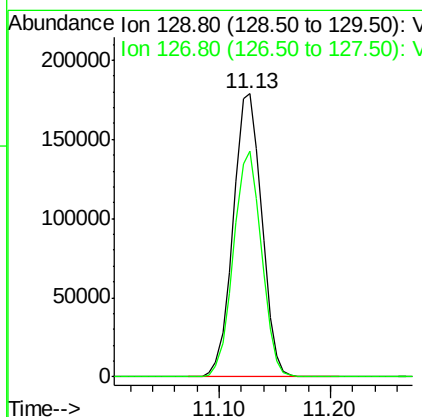
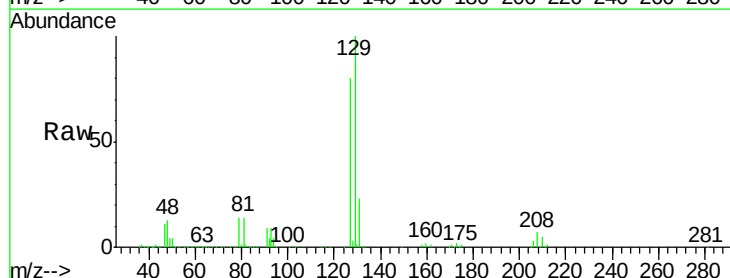
Manual Integrations
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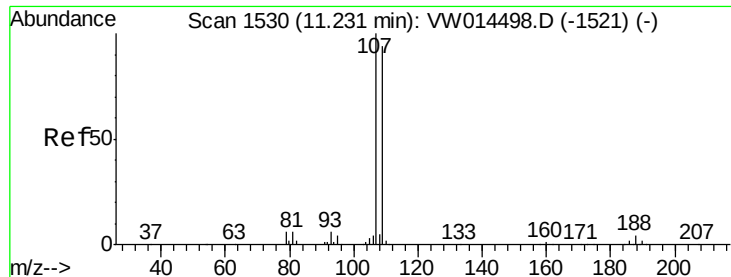
apatel
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#60
Dibromochloromethane
Concen: 48.281 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 129 Resp: 317694
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 46.053 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 254943

Ion Ratio Lower Upper

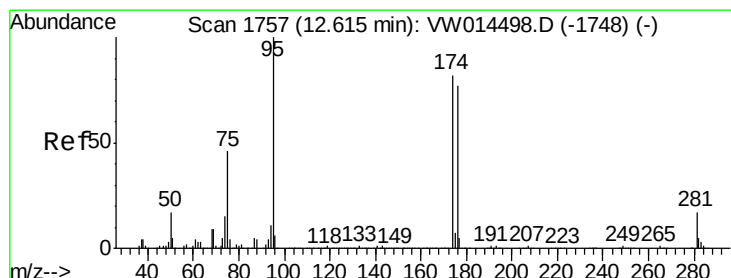
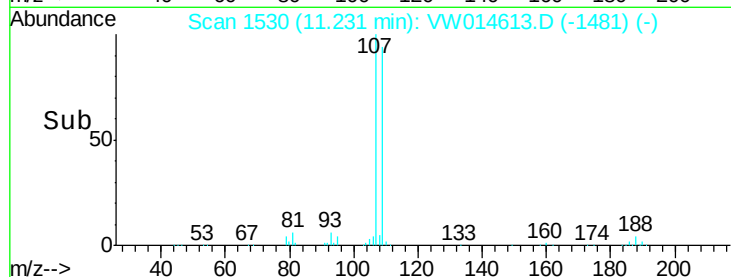
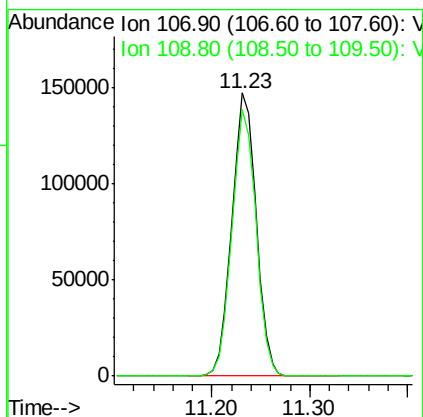
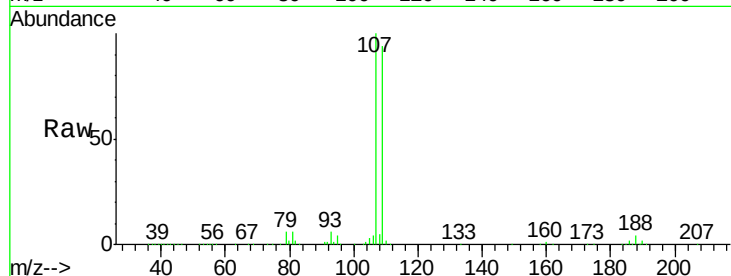
107 100

109 93.8 75.1 112.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.176 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

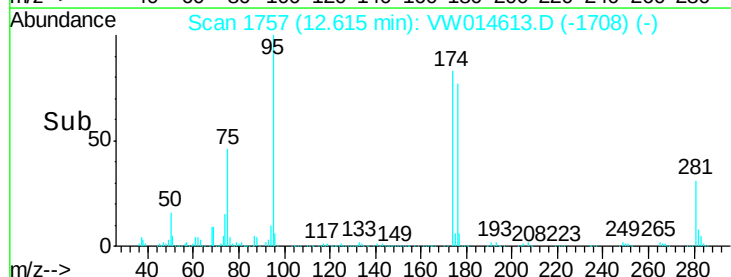
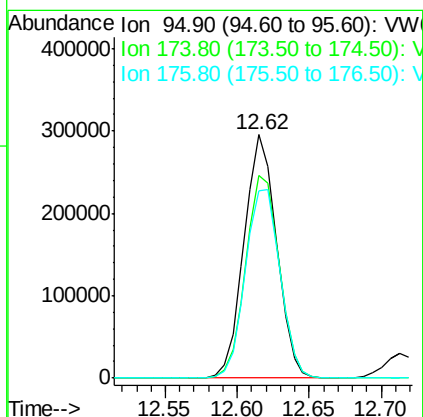
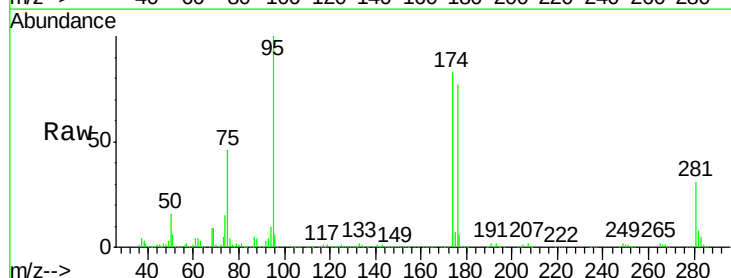
Tgt Ion: 95 Resp: 461209

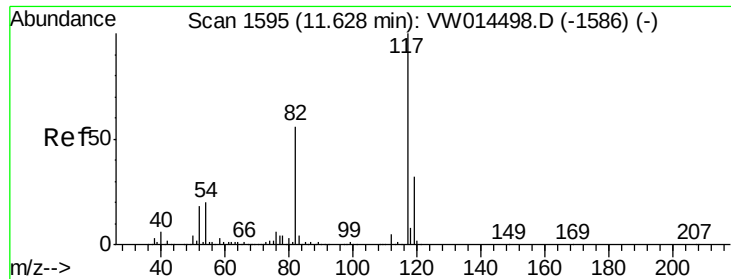
Ion Ratio Lower Upper

95 100

174 85.9 0.0 168.6

176 82.5 0.0 162.0





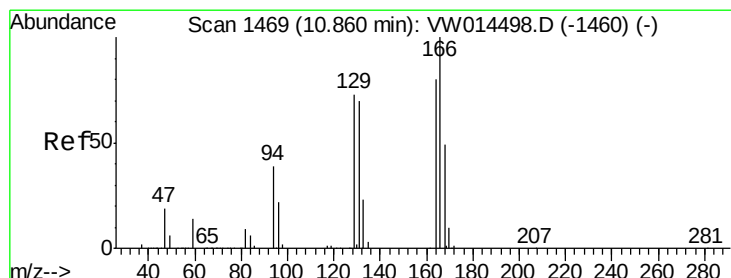
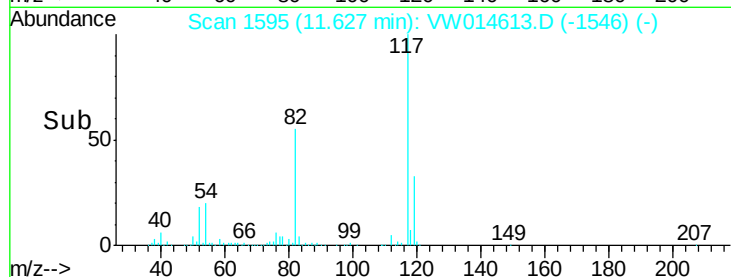
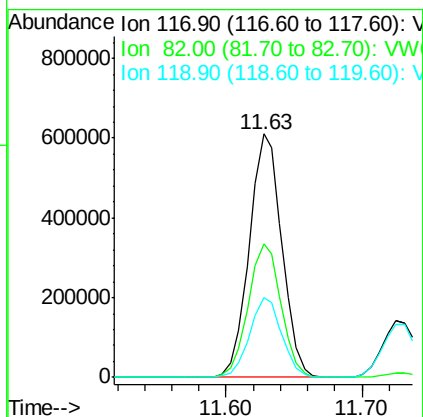
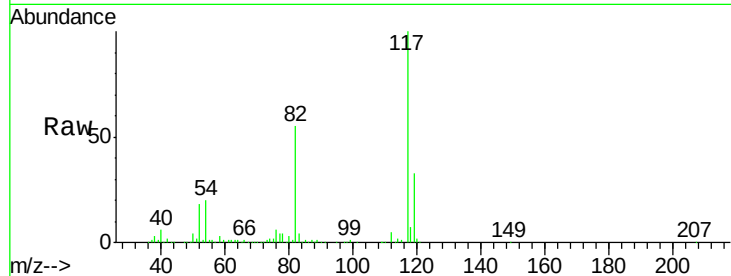
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.6	67.0
119	32.6	25.7	38.5

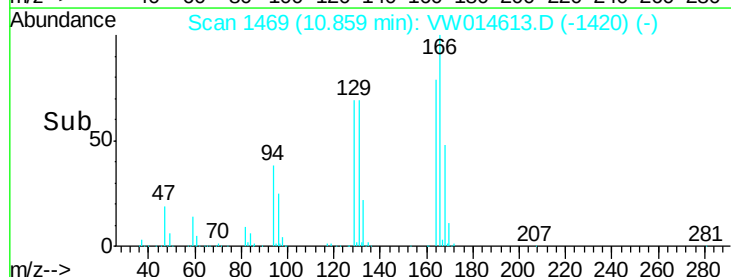
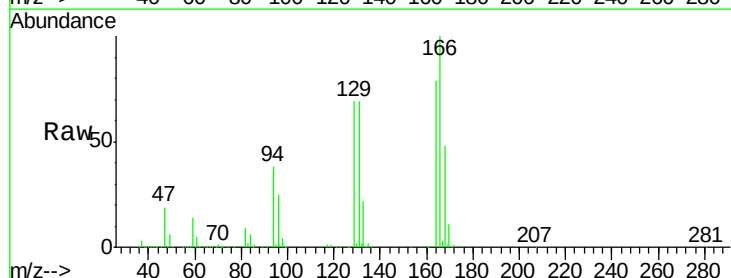
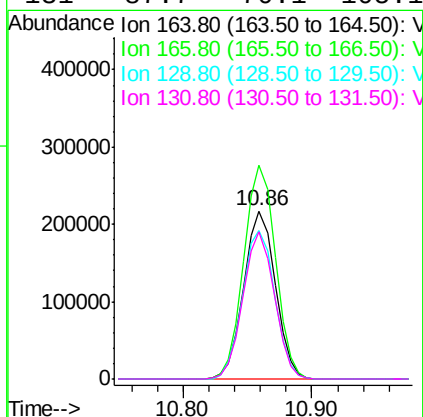
Manual Integrations
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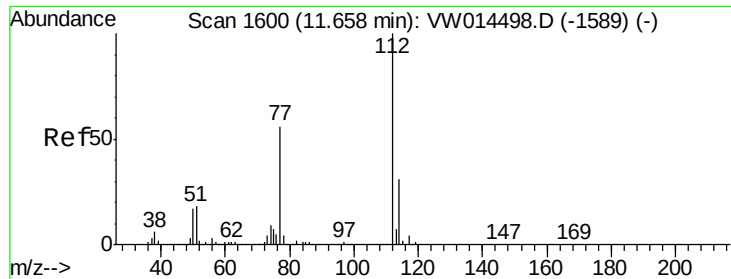
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#64
Tetrachloroethene
Concen: 49.613 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	99.8	149.6
129	88.2	72.4	108.6
131	87.7	70.1	105.1





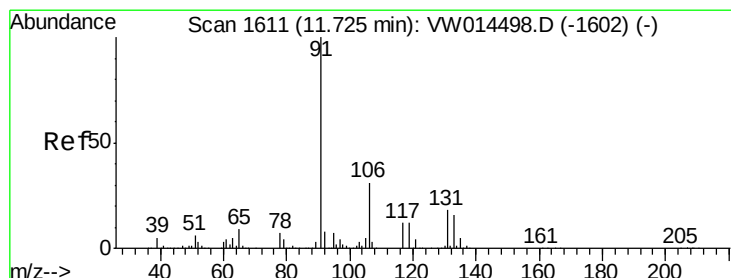
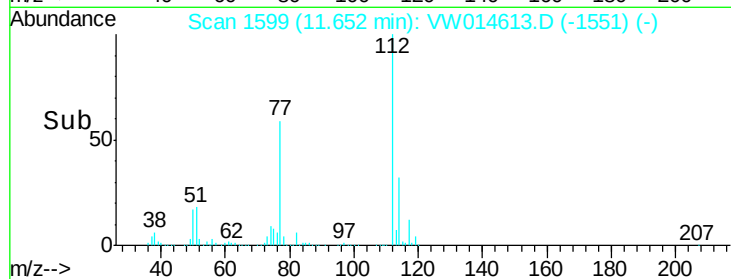
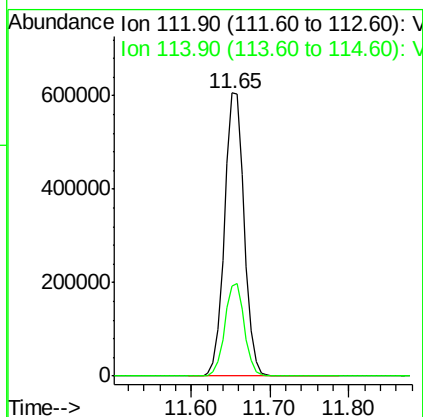
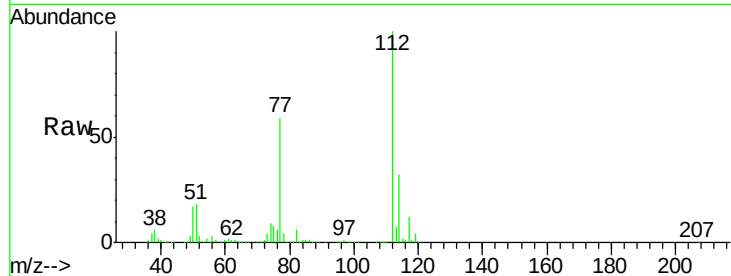
#65
Chlorobenzene
Concen: 49.647 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1044175
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0

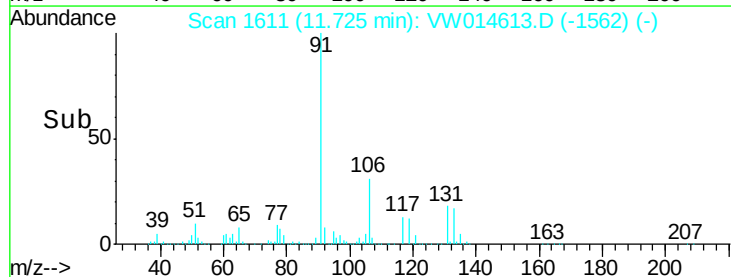
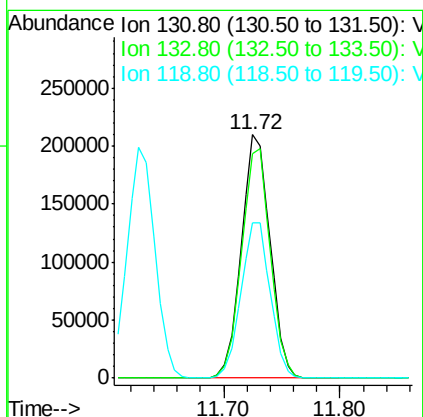
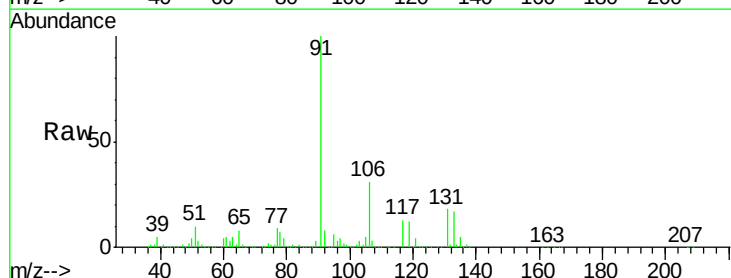
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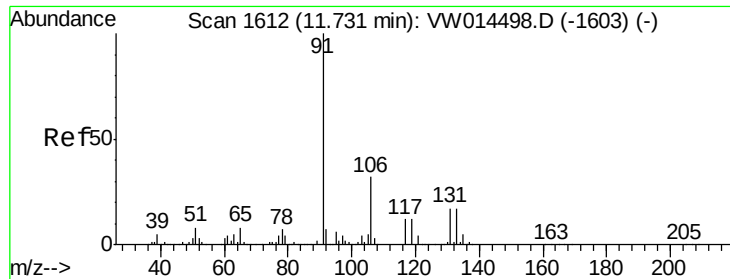
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.948 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion:131 Resp: 360781
Ion Ratio Lower Upper
131 100
133 94.5 47.3 142.0
119 65.1 33.1 99.3





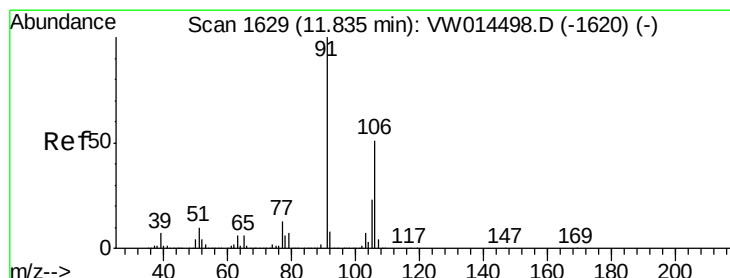
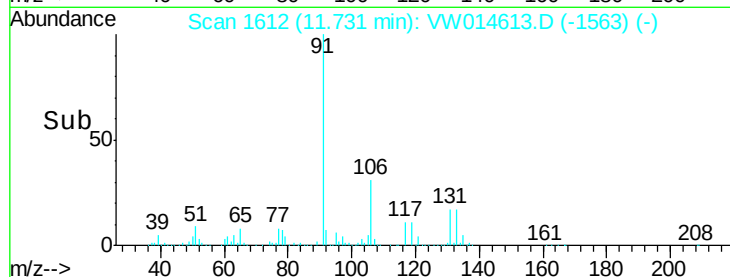
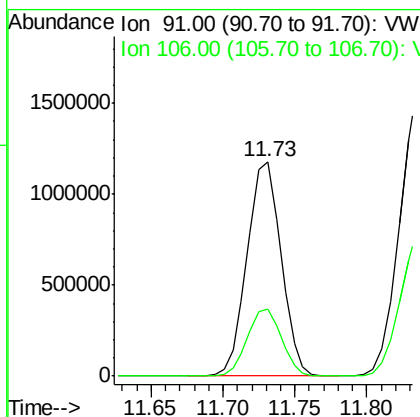
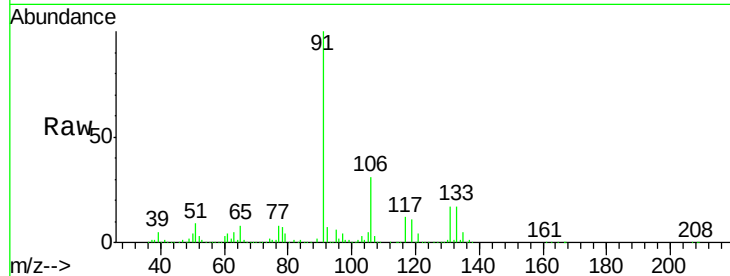
#67
Ethyl Benzene
Concen: 50.978 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1932227
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

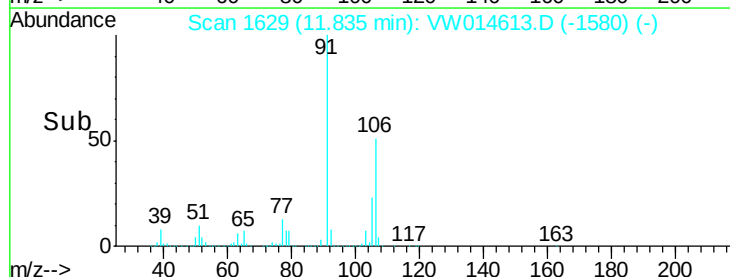
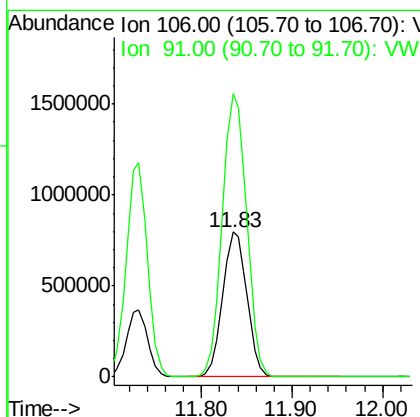
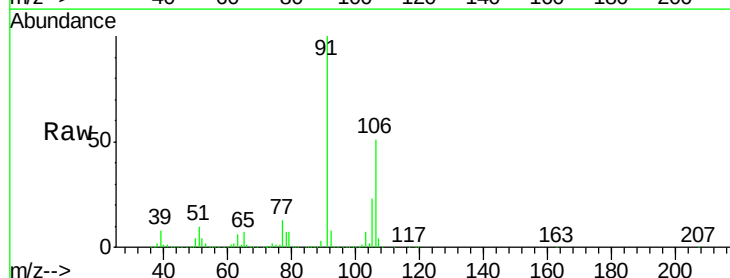
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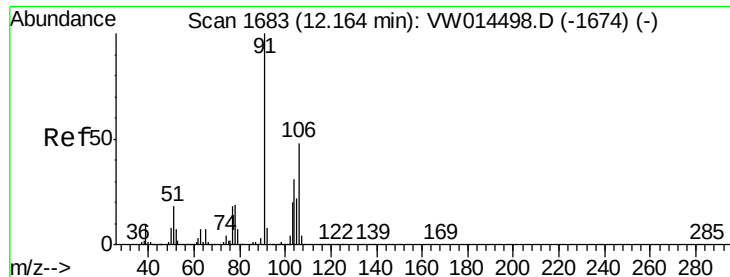
apatel
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#68
m/p-Xylenes
Concen: 101.848 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion:106 Resp: 1477450
Ion Ratio Lower Upper
106 100
91 197.3 159.0 238.6





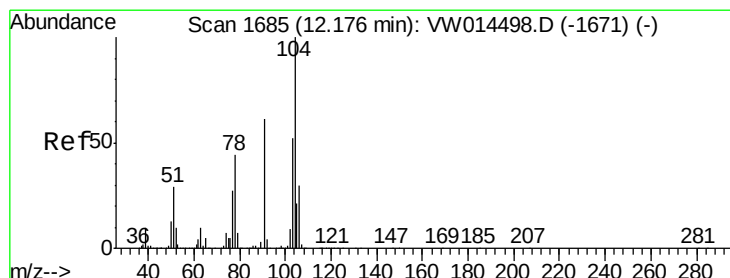
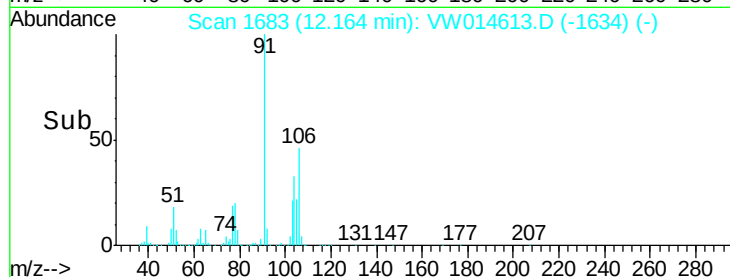
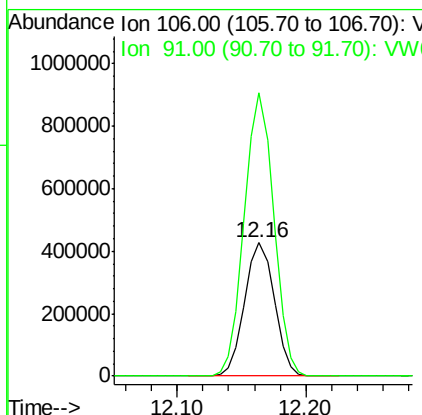
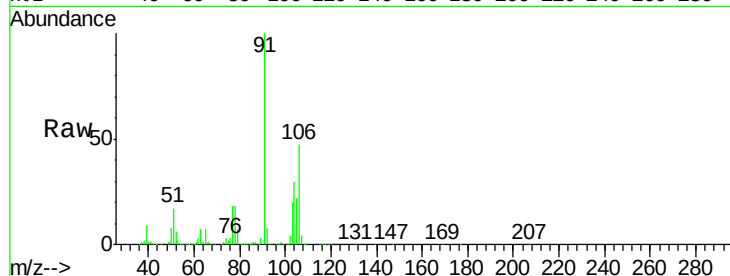
#69
o-Xylene
Concen: 50.991 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.0	105.2	315.6	

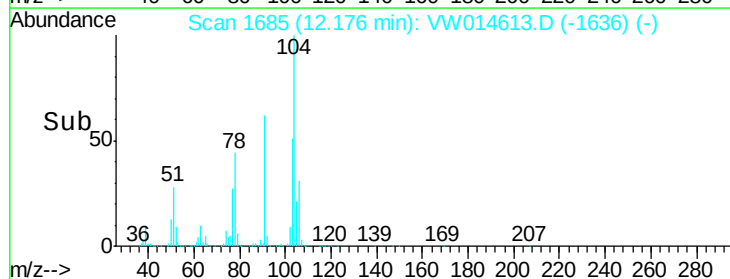
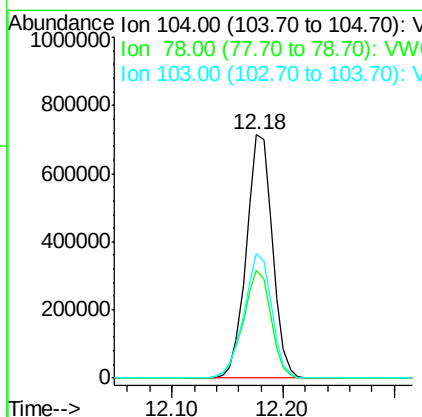
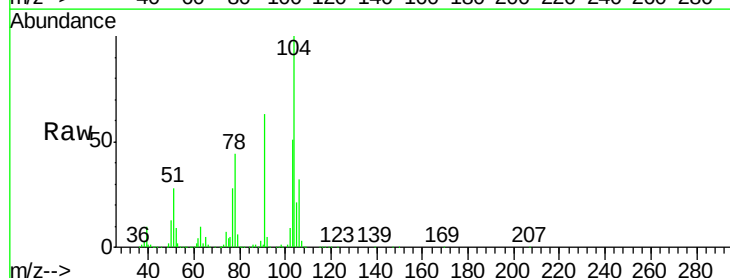
Manual Integrations
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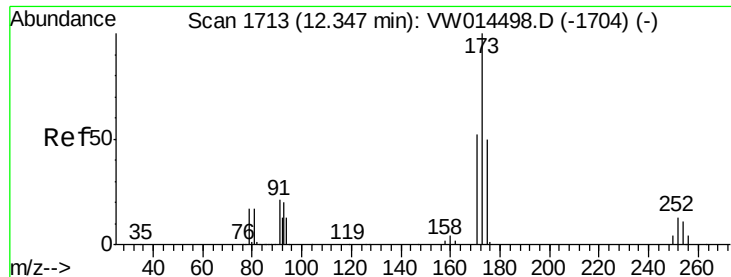
apatel
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#70
Styrene
Concen: 51.407 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.5	38.4	57.6	
103	54.3	43.7	65.5	





#71

Bromoform

Concen: 47.279 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 182618

Ion Ratio Lower Upper

173 100

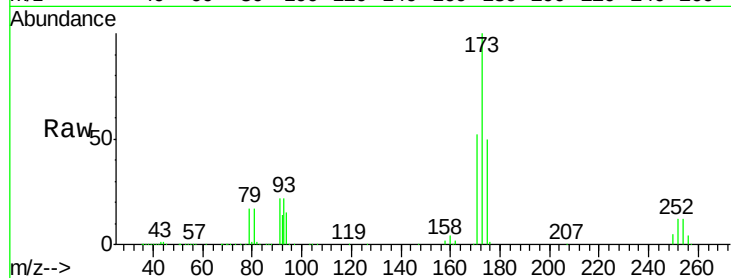
175 48.4 24.5 73.5

254 0.0 0.0 0.0#

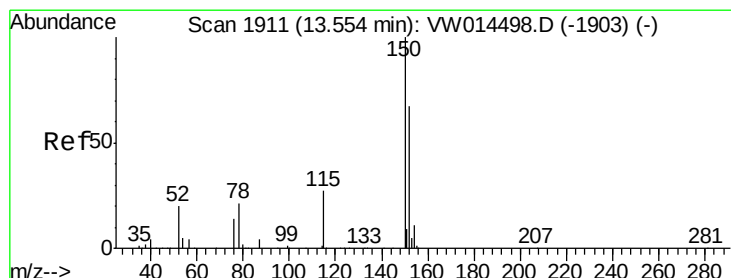
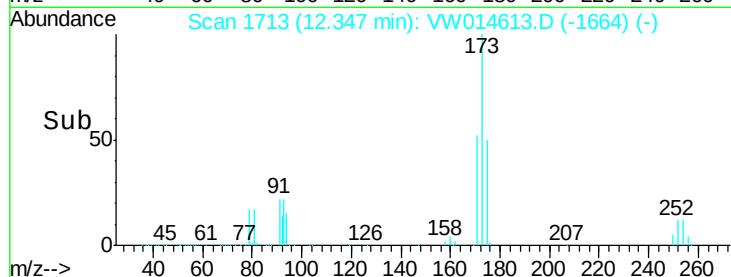
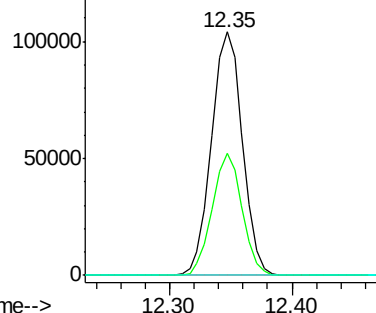
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

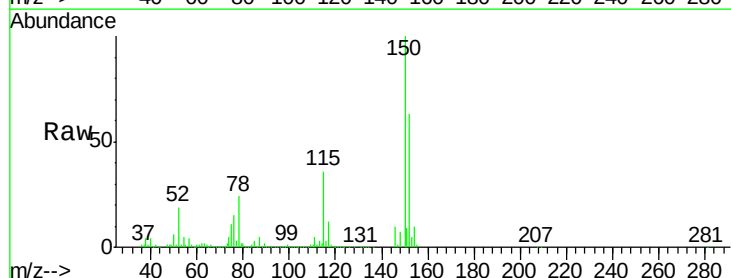
Tgt Ion:152 Resp: 502856

Ion Ratio Lower Upper

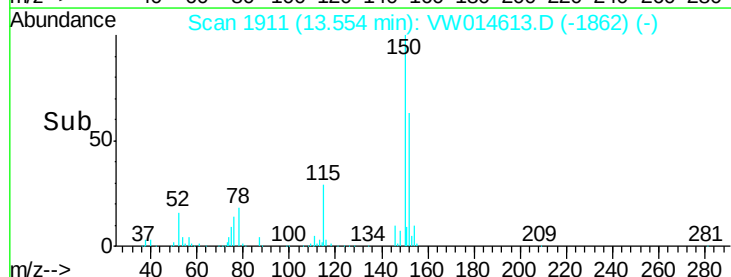
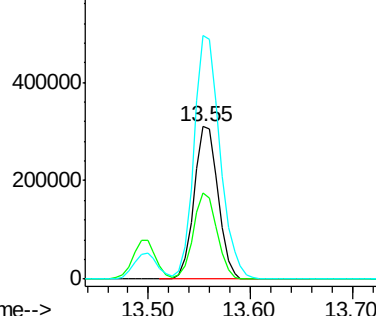
152 100

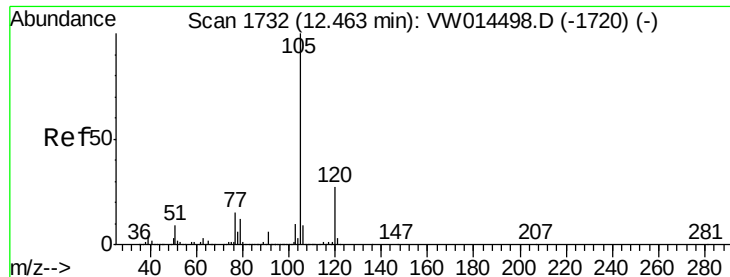
115 55.9 27.7 83.1

150 173.6 0.0 343.4



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





#73

Isopropylbenzene

Concen: 51.696 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1907443

Ion Ratio Lower Upper

105 100

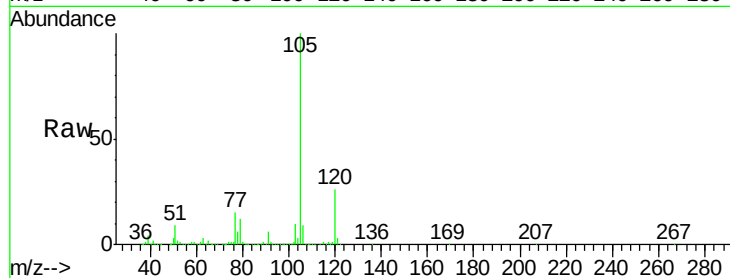
120 26.6 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

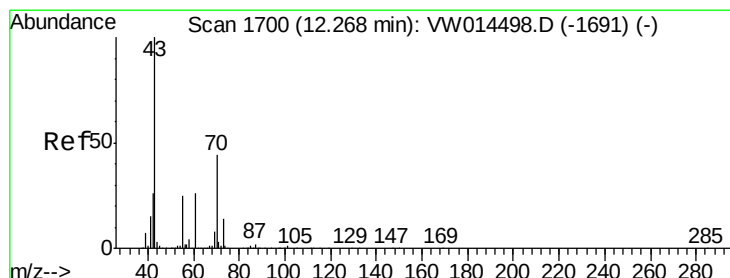
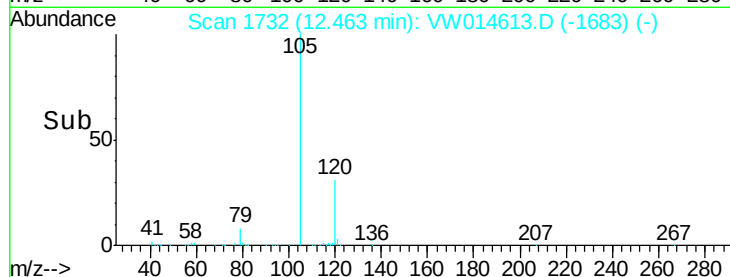
12.46

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 45.725 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion: 43 Resp: 378285

Ion Ratio Lower Upper

43 100

70 46.4 36.5 54.7

55 26.7 20.9 31.3

61 25.8 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

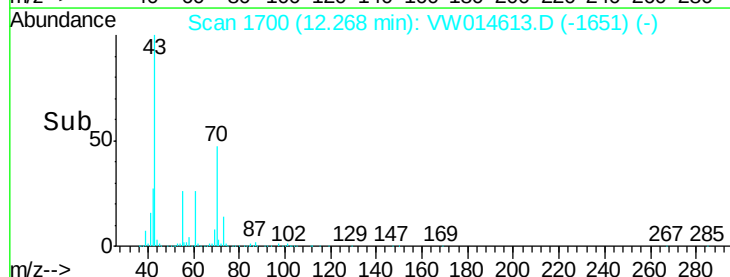
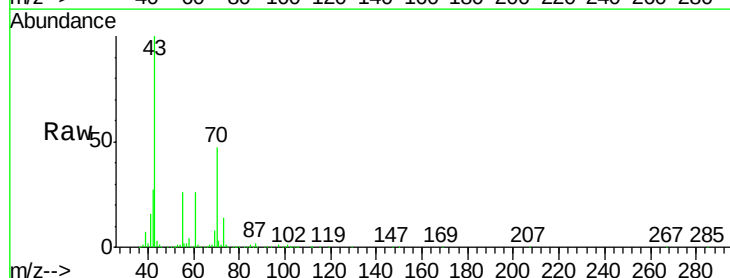
300000

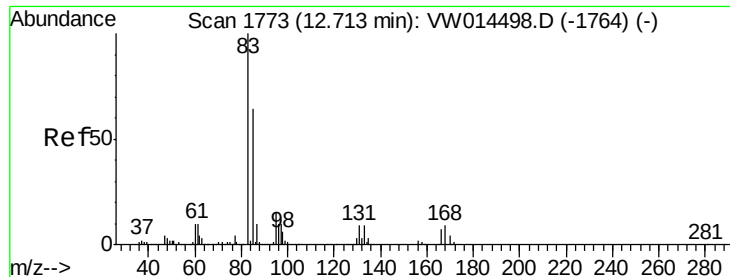
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.058 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

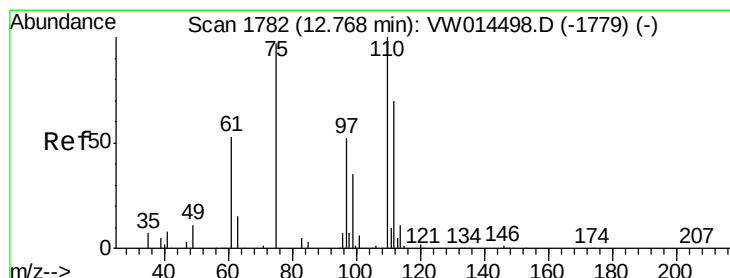
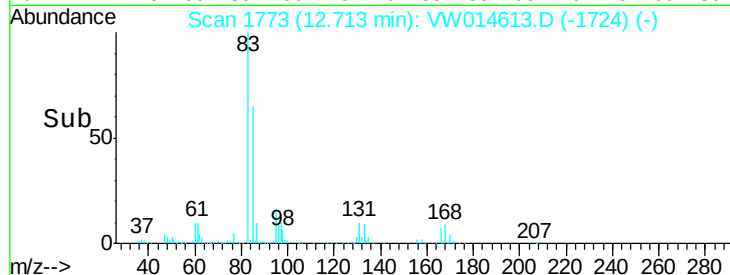
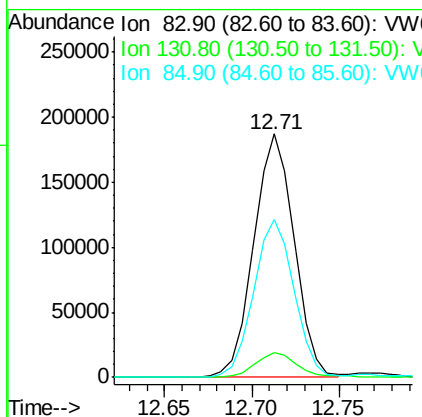
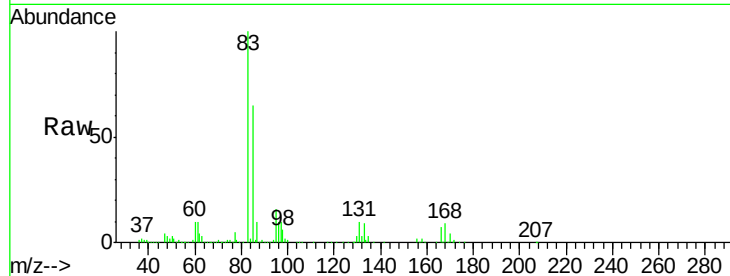
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	300073
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	64.9	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.629 ug/l m

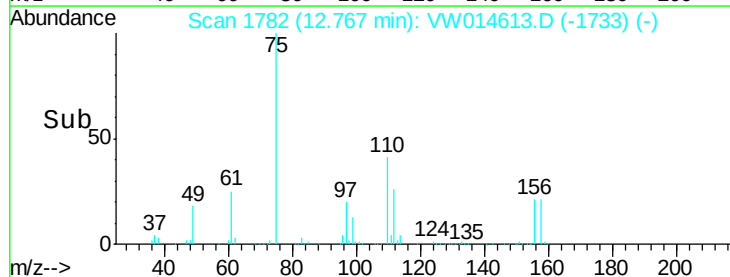
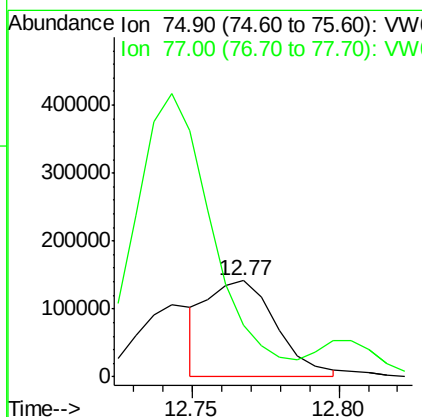
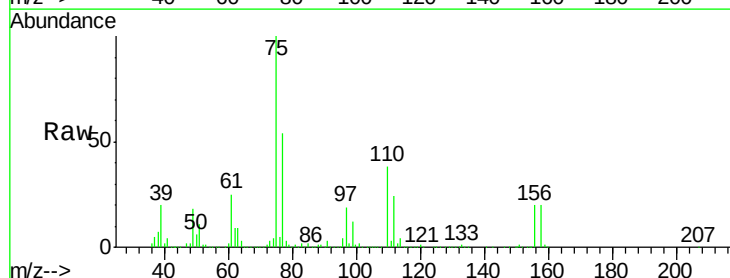
RT: 12.77 min Scan# 1782

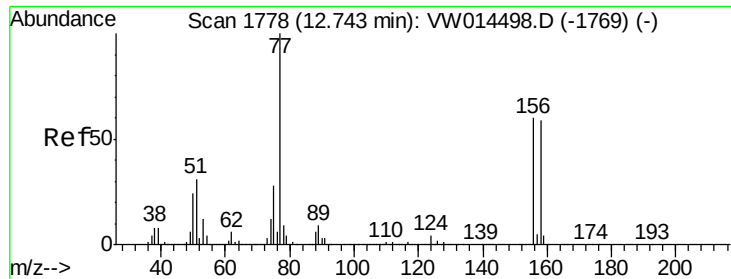
Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion:	75	Resp:	231201
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





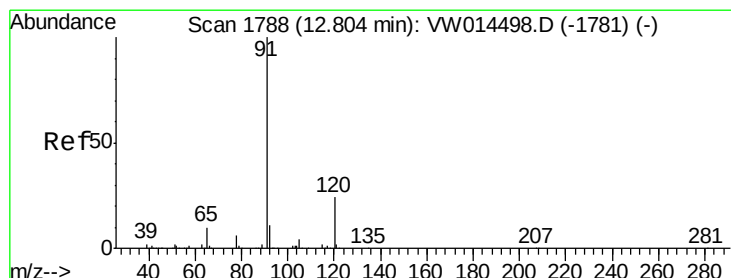
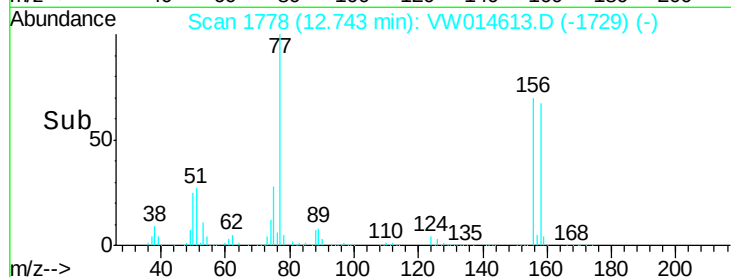
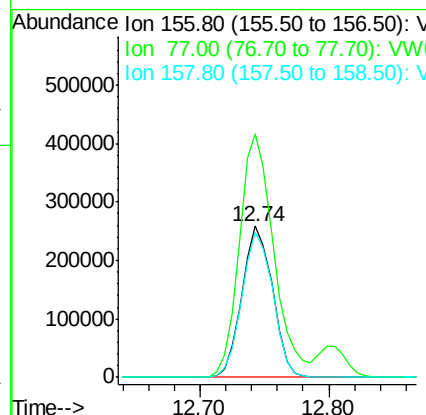
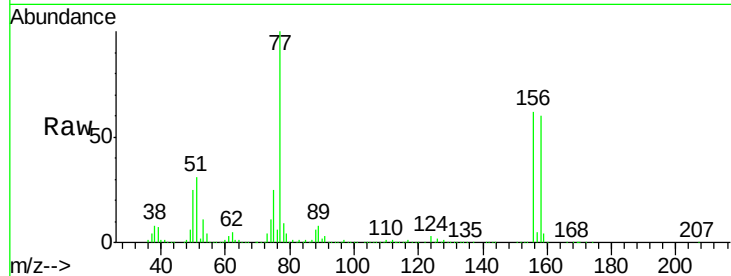
#77
Bromobenzene
Concen: 49.621 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.7	92.3	277.1
158	97.2	48.6	145.9

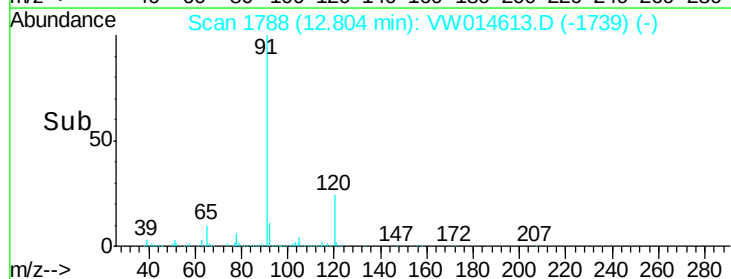
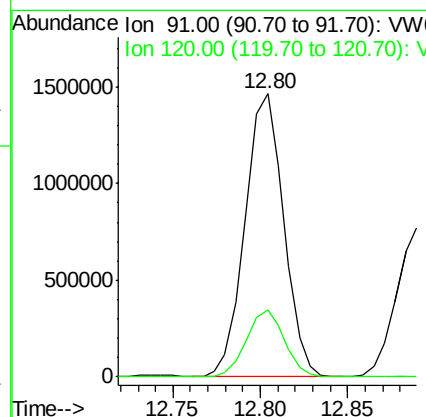
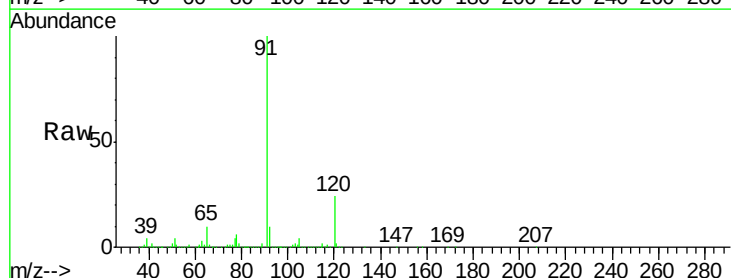
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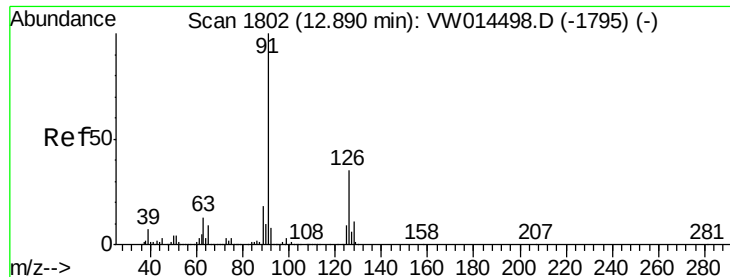
apatel
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#78
n-propylbenzene
Concen: 51.774 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 50.256 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1240856

Ion Ratio Lower Upper

91 100

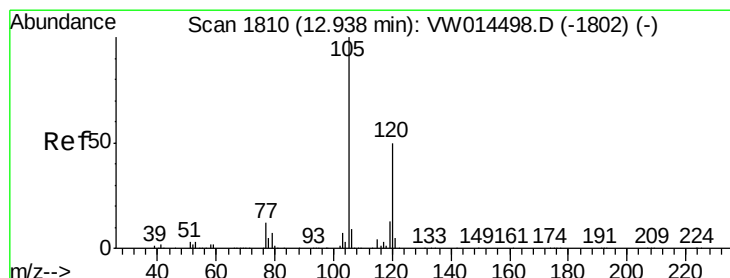
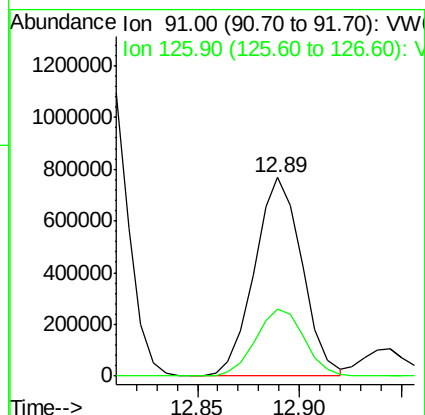
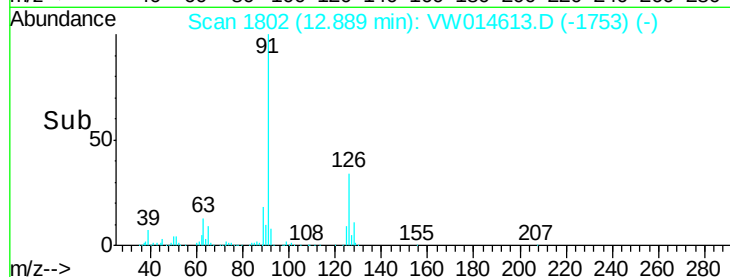
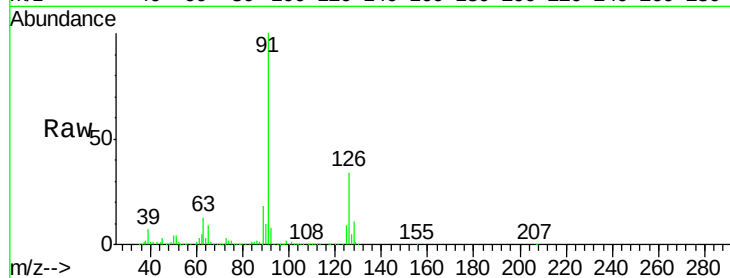
126 34.5 17.1 51.2

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#80

1,3,5-Trimethylbenzene

Concen: 51.246 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014613.D

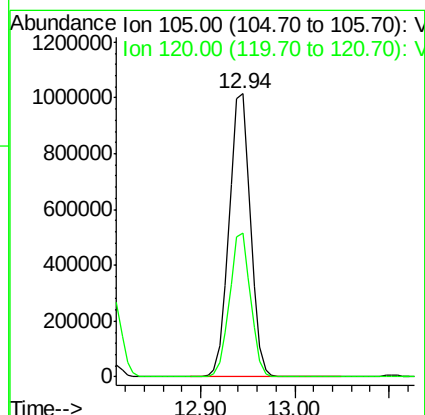
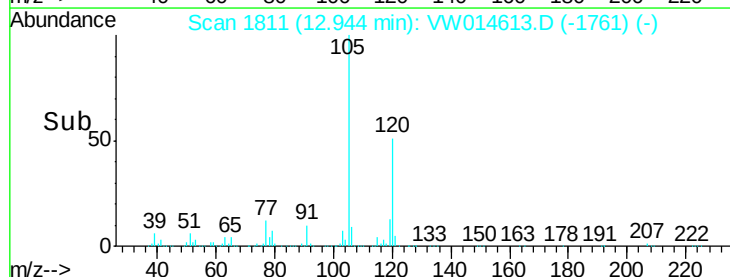
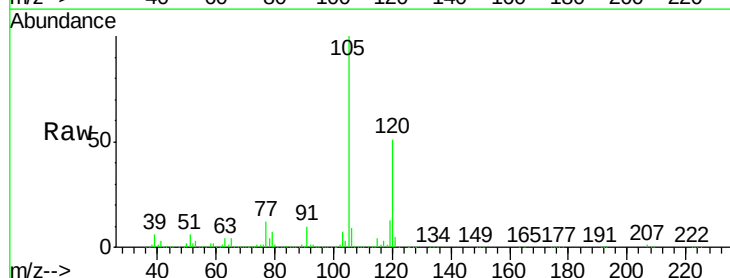
Acq: 13 Jan 2020 10:02

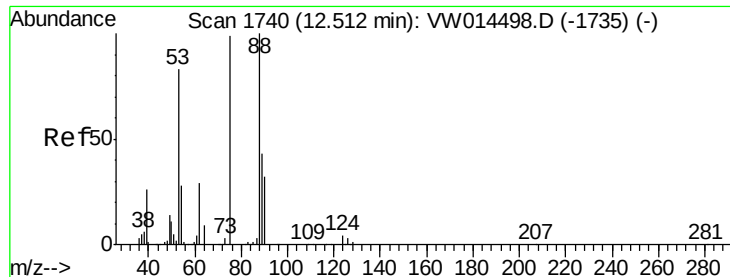
Tgt Ion:105 Resp: 1587599

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





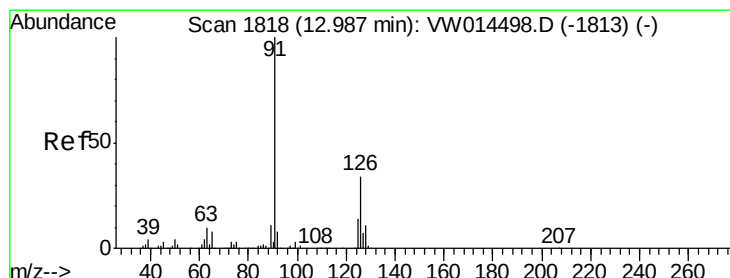
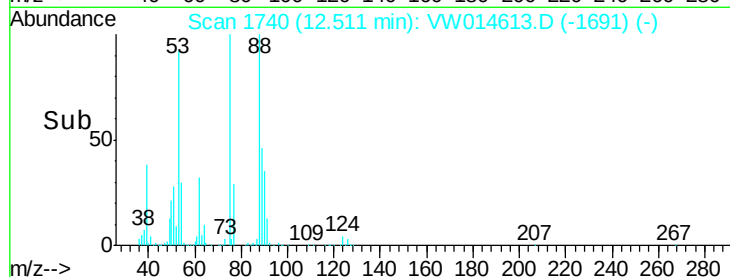
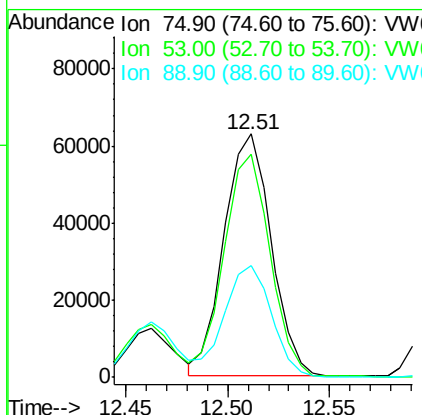
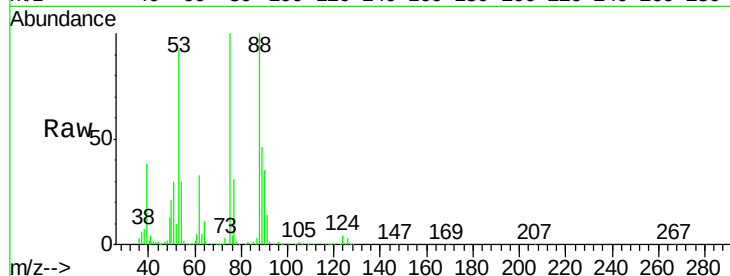
#81
trans-1,4-Dichloro-2-butene
Concen: 47.248 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	70.9	106.3
89	46.9	35.8	53.8

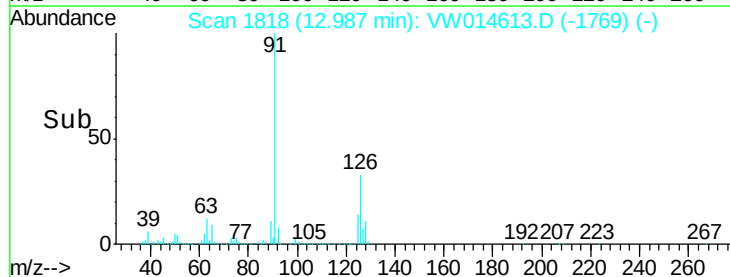
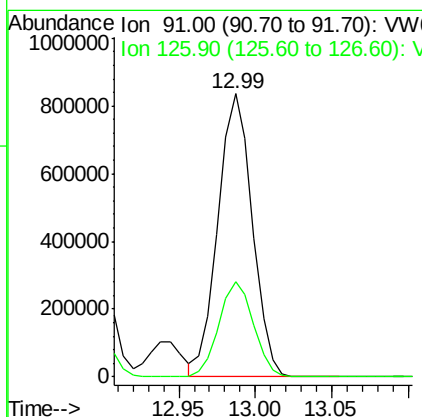
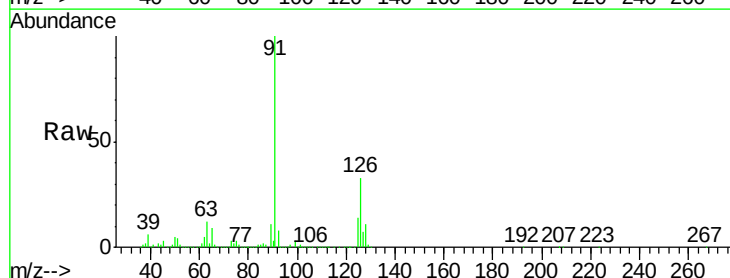
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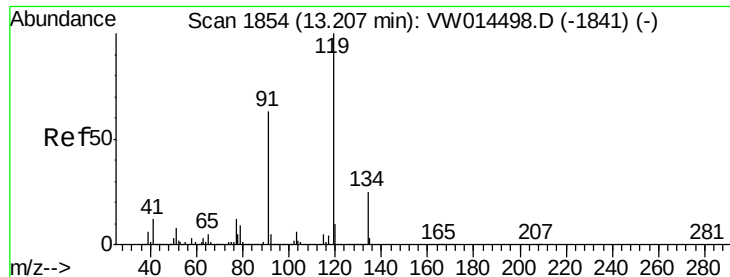
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#82
4-Chlorotoluene
Concen: 50.618 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.1	51.2





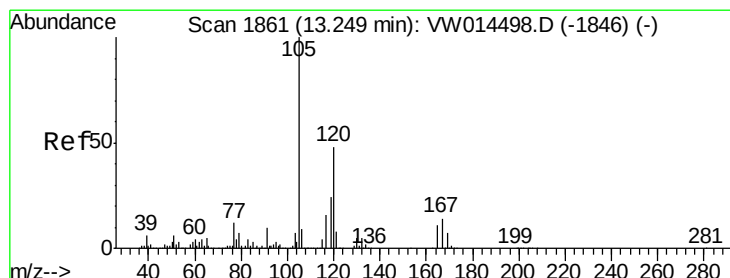
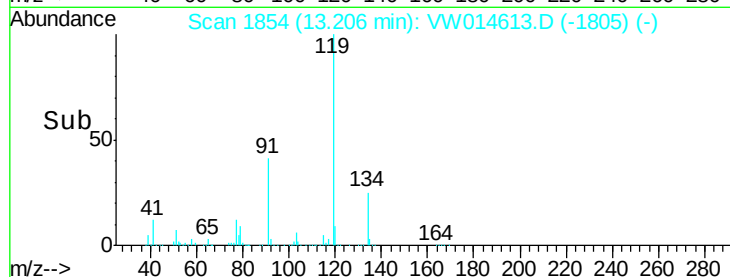
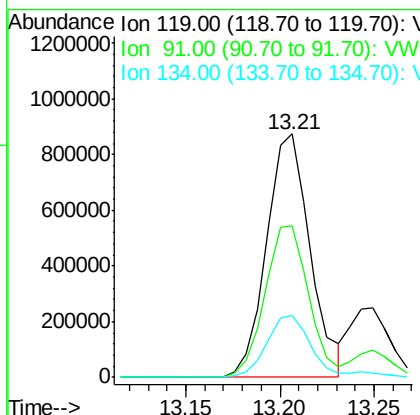
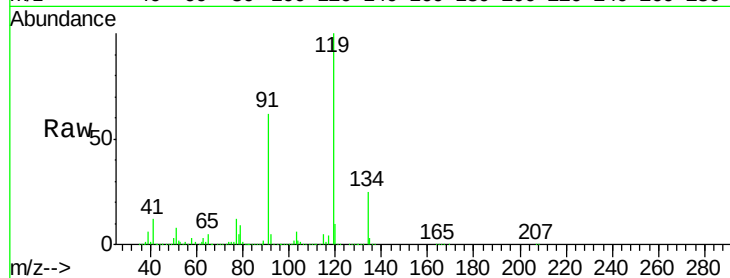
#83
 tert-Butylbenzene
 Concen: 51.806 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	31.1	93.3
134	25.5	13.5	40.5

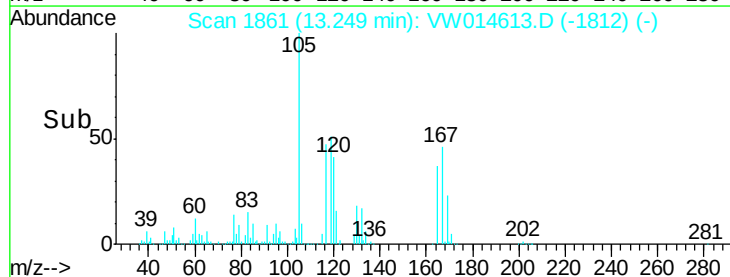
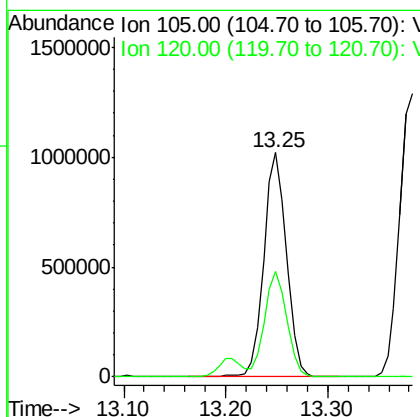
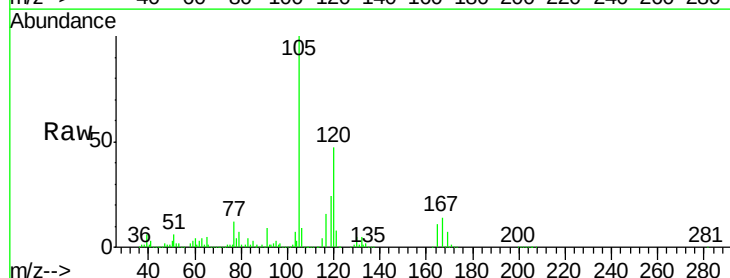
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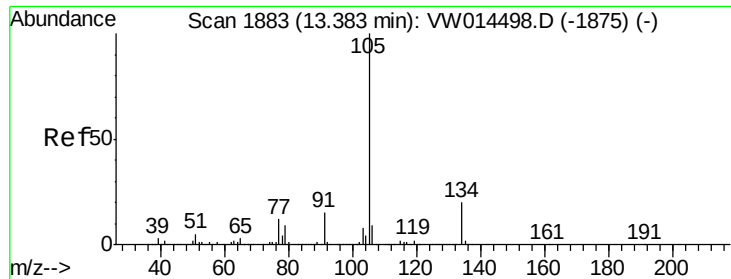
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.045 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.0





#85

sec-Butylbenzene

Concen: 51.760 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1943289

Ion Ratio Lower Upper

105 100

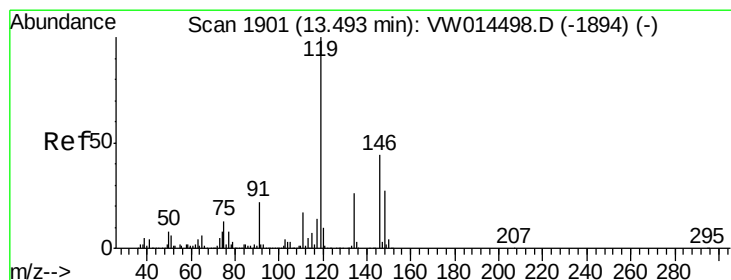
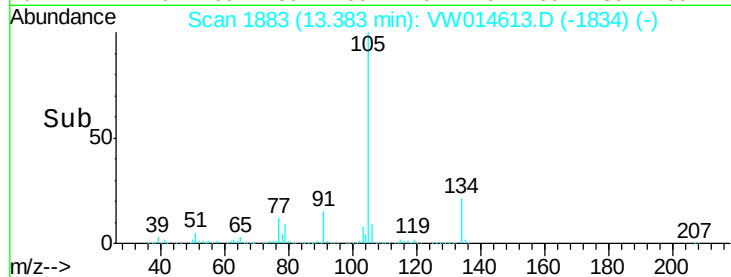
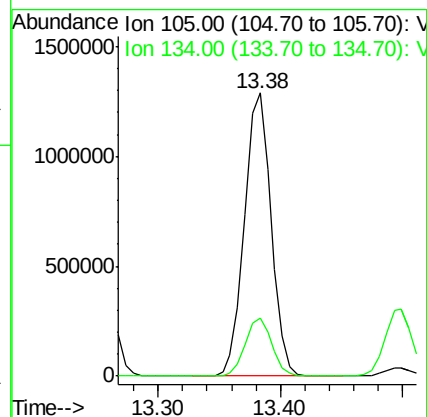
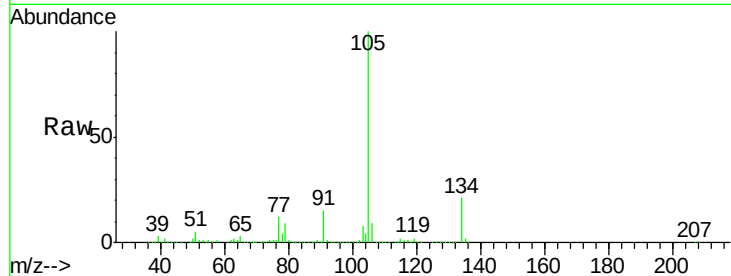
134 20.6 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 52.598 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

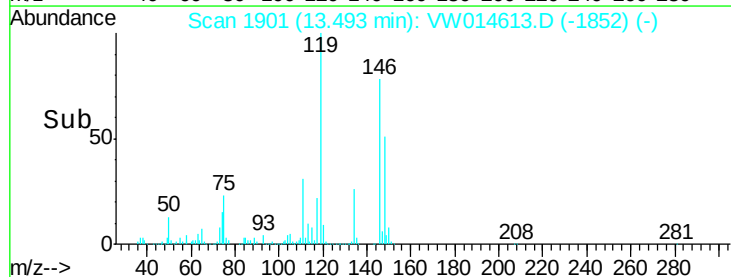
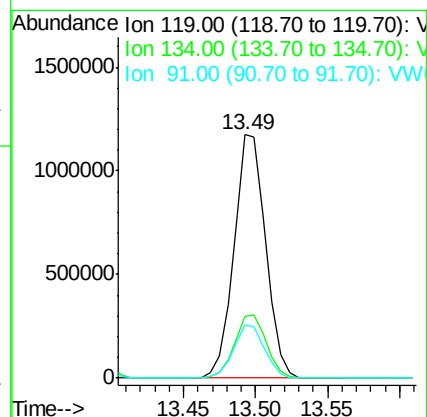
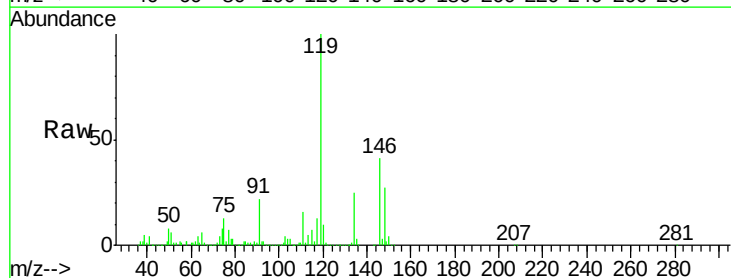
Tgt Ion:119 Resp: 1799974

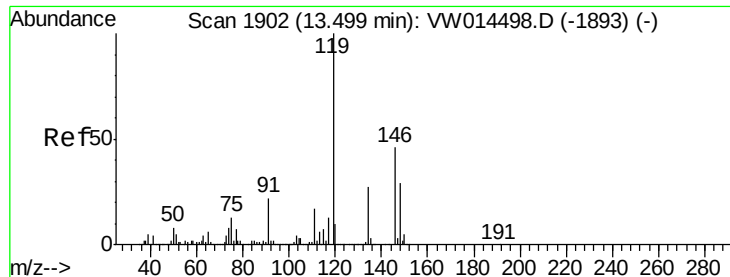
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 21.7 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 49.952 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

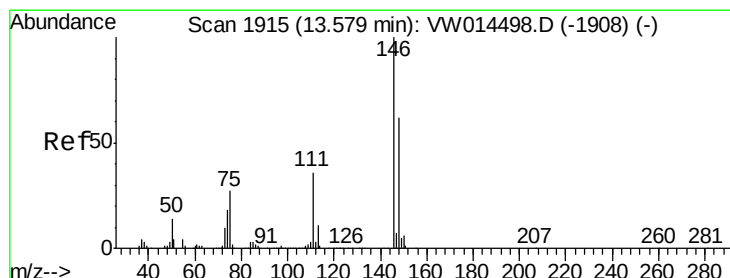
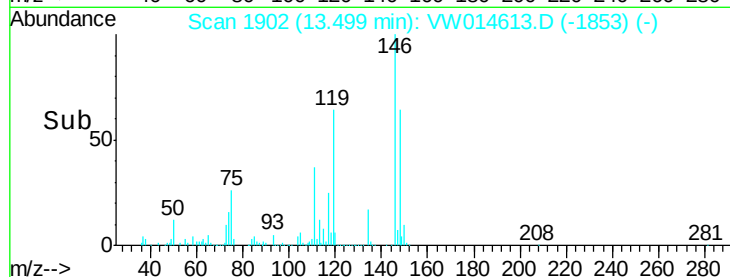
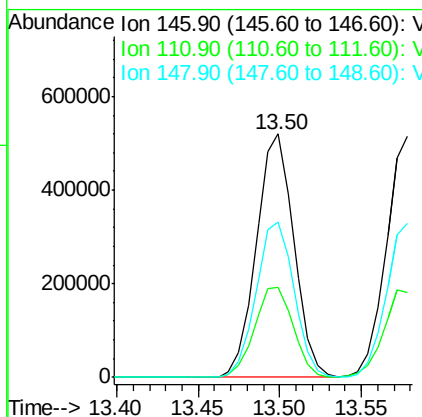
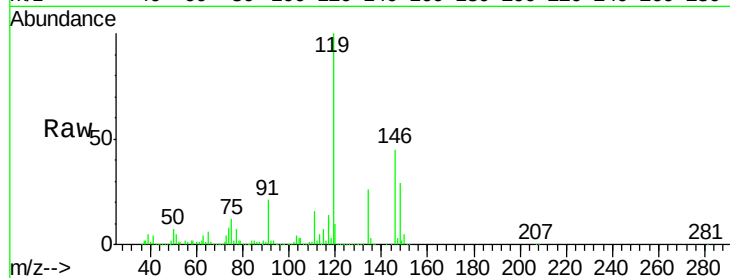
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	64.6	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 49.518 ug/l

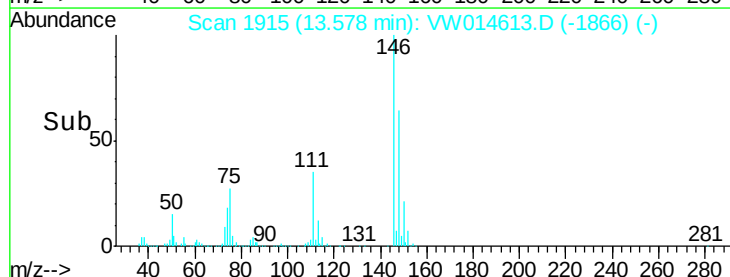
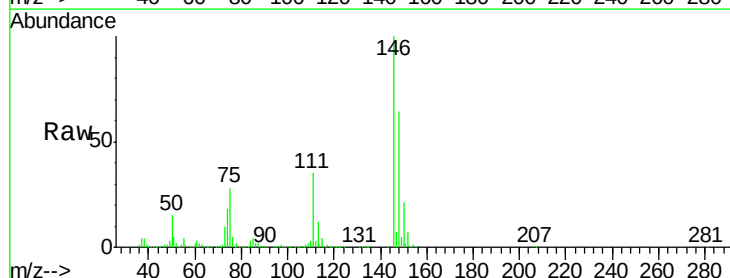
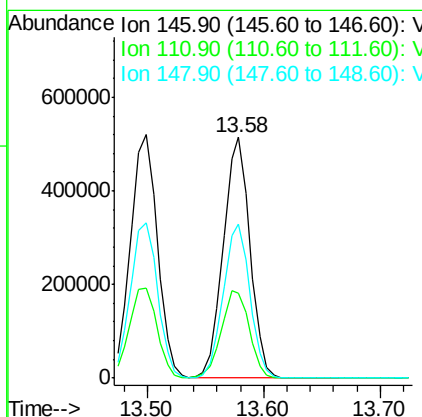
RT: 13.58 min Scan# 1915

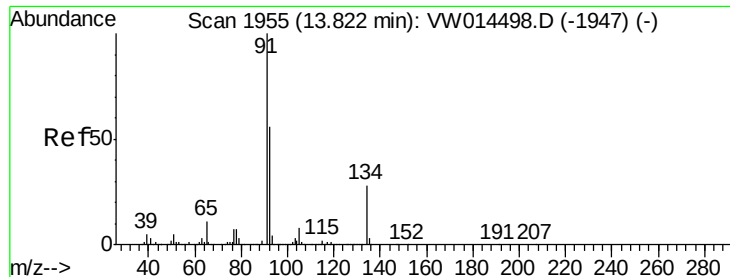
Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.0	31.7	95.1





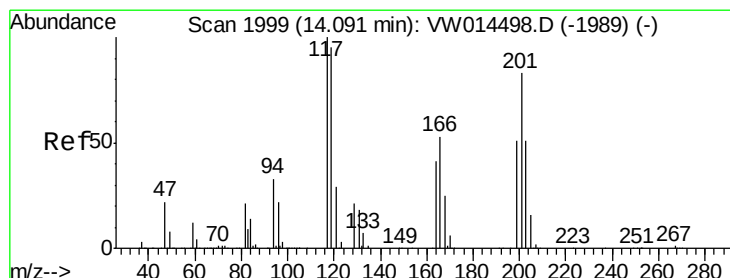
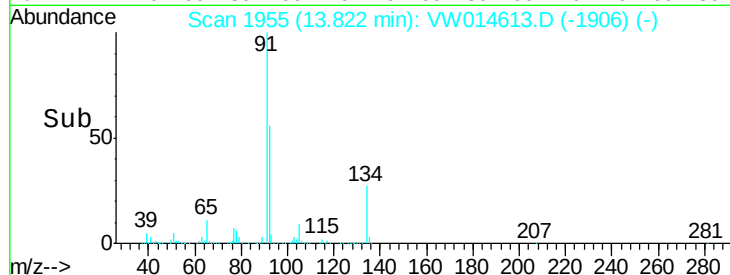
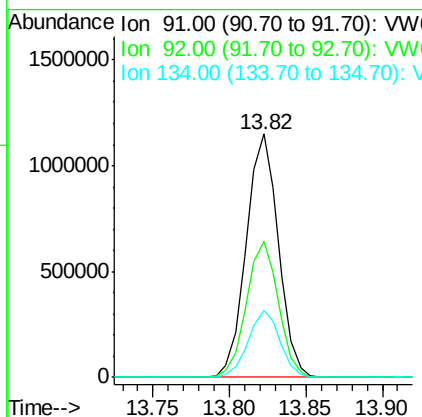
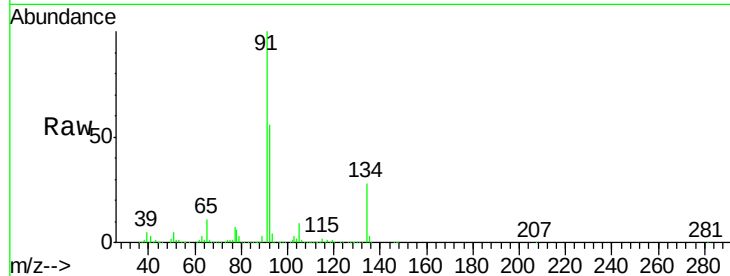
#89
n-Butylbenzene
Concen: 52.805 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.5	82.5
134	27.2	13.7	41.1

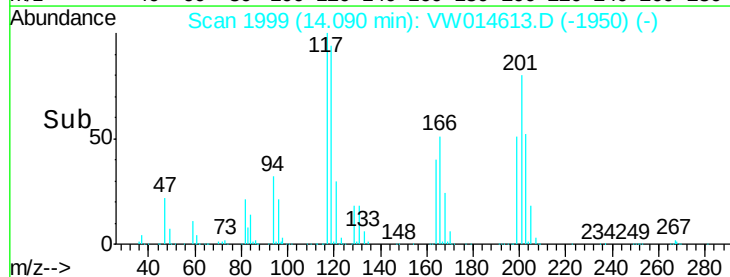
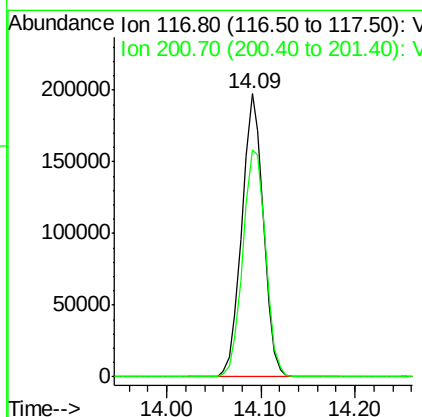
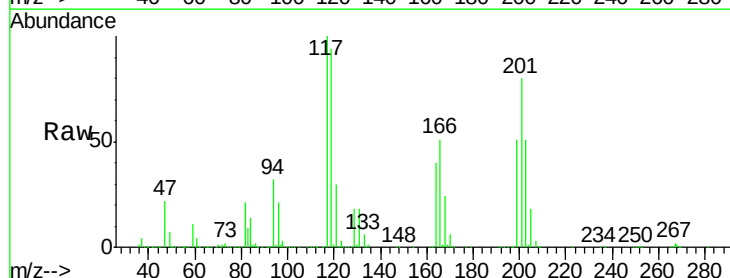
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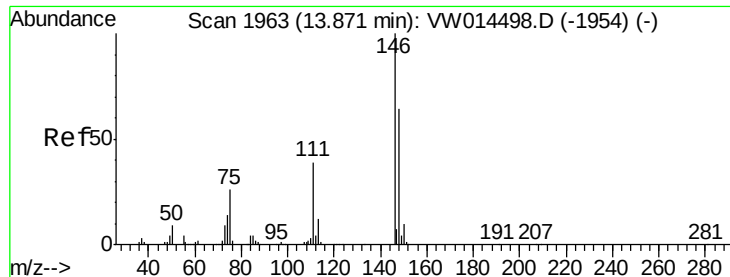
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#90
Hexachloroethane
Concen: 52.539 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.0	128.8





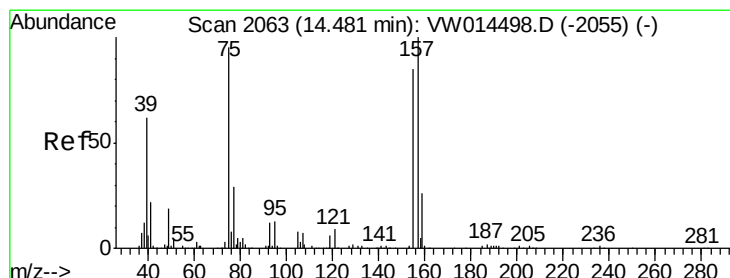
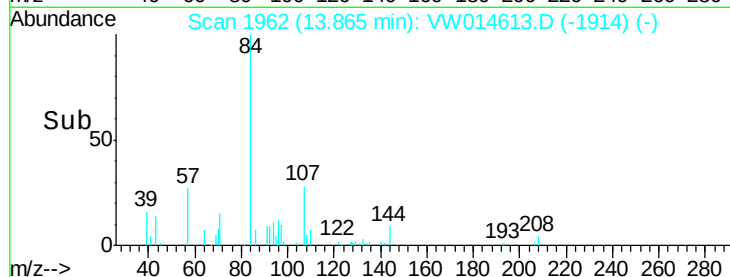
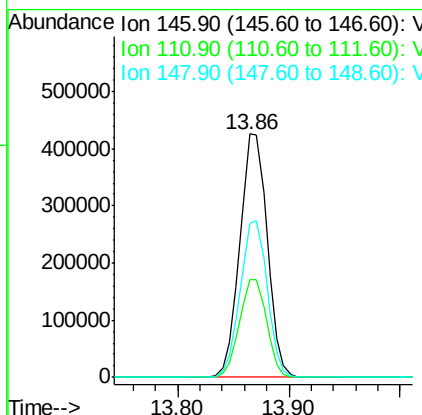
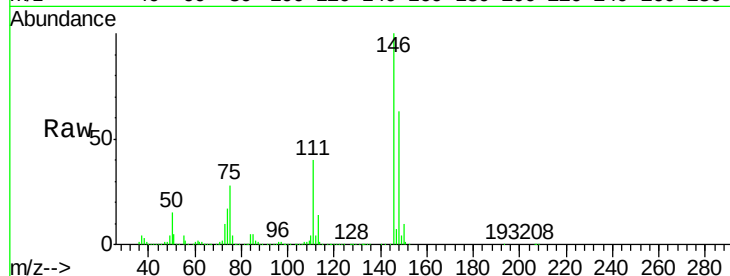
#91
 1,2-Dichlorobenzene
 Concen: 49.718 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	63.9	32.3	96.8

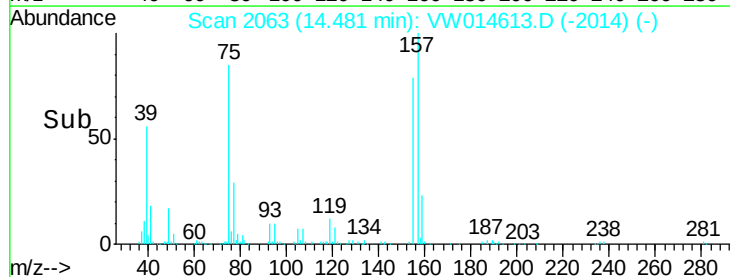
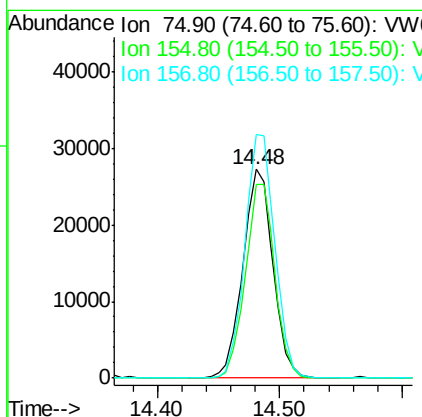
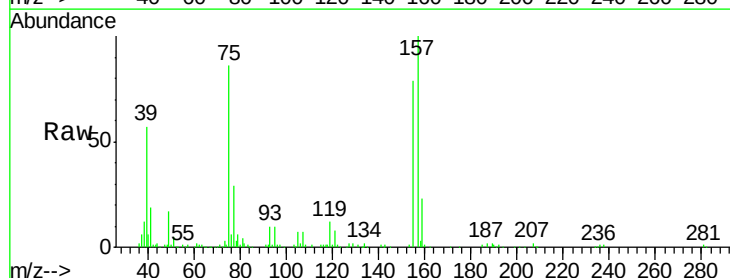
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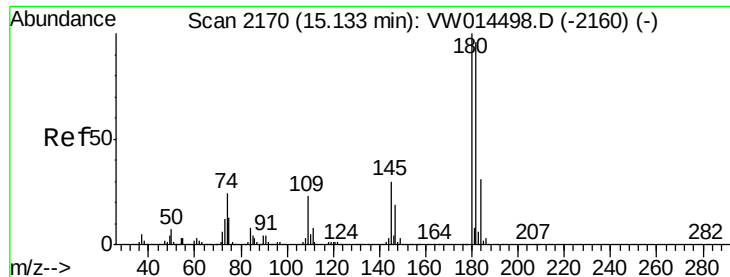
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.229 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	45.8	137.4
157	115.5	58.1	174.2





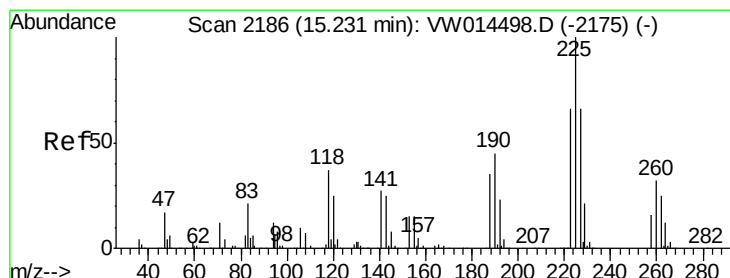
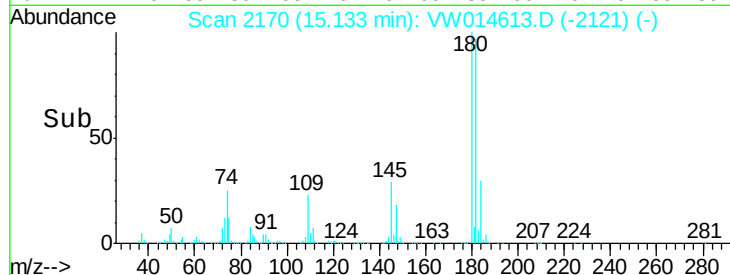
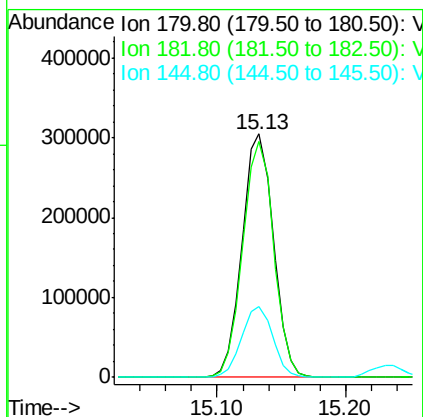
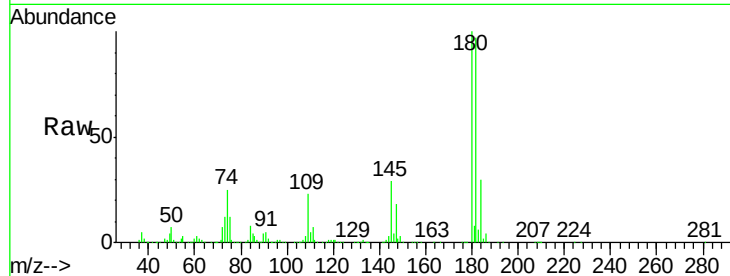
#93
 1,2,4-Trichlorobenzene
 Concen: 51.678 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	511136		
182	95.7	47.3	141.8	
145	28.9	14.7	44.1	

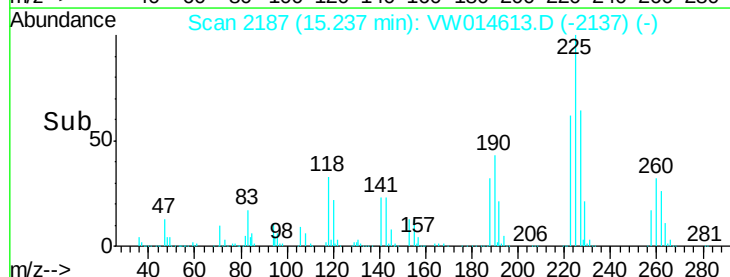
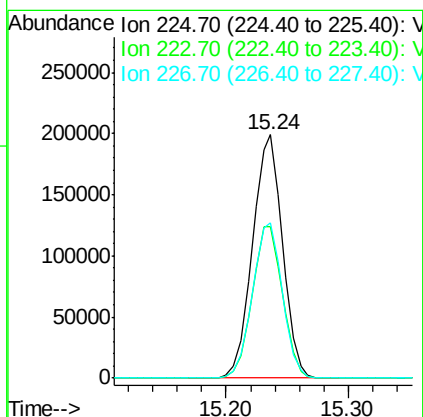
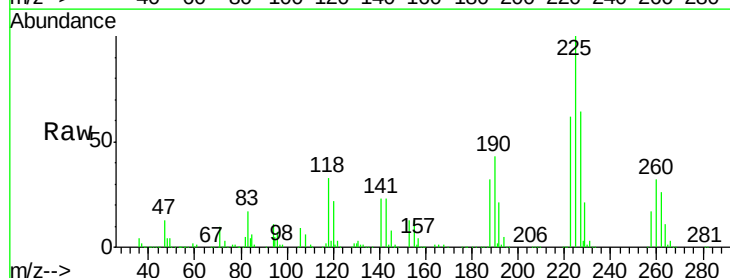
Manual Integrations
 APPROVED

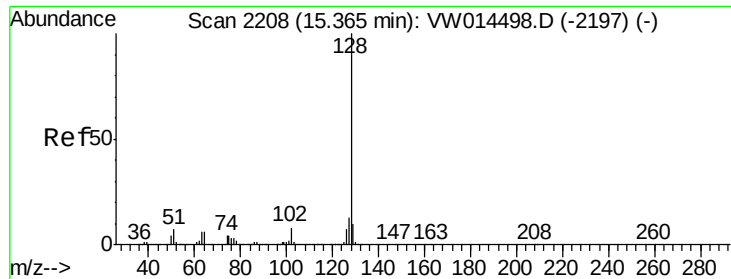
apatel
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#94
 Hexachlorobutadiene
 Concen: 51.068 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	338492		
223	63.1	32.4	97.2	
227	63.8	32.6	97.8	





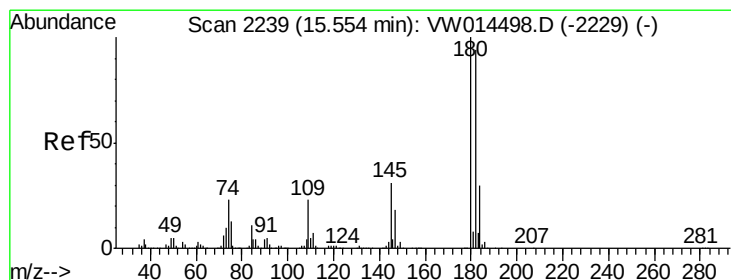
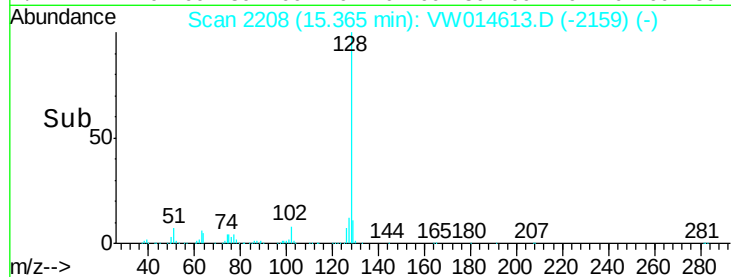
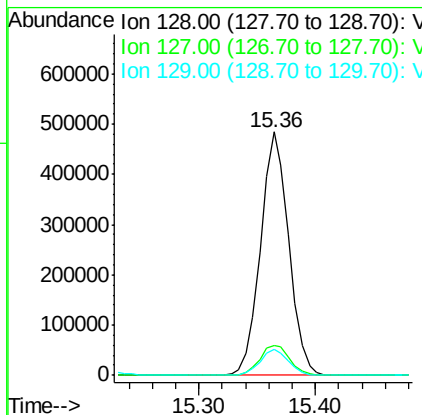
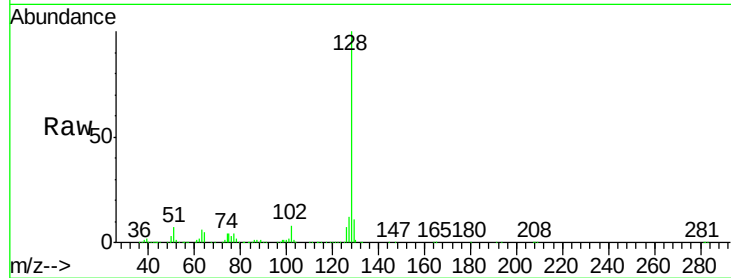
#95
Naphthalene
Concen: 48.445 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.826 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	30.2	15.5	46.5

