

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
 Data File : VW014540.D
 Acq On : 07 Jan 2020 10:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:13:42 AM

Quant Time: Jan 08 05:52:40 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	635974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	955756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	825684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	409296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	313343	56.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.70%	
35) Dibromofluoromethane	7.88	113	313840	57.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.92%	
50) Toluene-d8	10.32	98	1285787	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
62) 4-Bromofluorobenzene	12.62	95	431231	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	175197	48.790	ug/l	100
3) Chloromethane	2.21	50	214738	48.856	ug/l	97
4) Vinyl Chloride	2.36	62	324209	50.151	ug/l	98
5) Bromomethane	2.78	94	204956	51.322	ug/l	99
6) Chloroethane	2.92	64	189380	51.390	ug/l	97
7) Trichlorofluoromethane	3.25	101	164154	50.751	ug/l	100
8) Diethyl Ether	3.68	74	152891	47.508	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	294843	48.786	ug/l	99
10) Methyl Iodide	4.28	142	448226	49.155	ug/l	99
11) Tert butyl alcohol	5.15	59	90052	206.010	ug/l	98
12) 1,1-Dichloroethene	4.04	96	309603	48.919	ug/l	97
13) Acrolein	3.89	56	127827	263.389	ug/l	97
14) Allyl chloride	4.66	41	493481	51.024	ug/l	99
15) Acrylonitrile	5.36	53	338203	229.907	ug/l	99
16) Acetone	4.11	43	401613	255.792	ug/l	100
17) Carbon Disulfide	4.38	76	939247	49.239	ug/l	100
18) Methyl Acetate	4.67	43	168976	44.562	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	393598	50.100	ug/l	98
20) Methylene Chloride	4.91	84	325776	51.428	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	332314	49.450	ug/l	96
22) Diisopropyl ether	6.31	45	925374	51.118	ug/l	99
23) Vinyl Acetate	6.25	43	2644232	241.893	ug/l	100
24) 1,1-Dichloroethane	6.21	63	573807	50.251	ug/l	100
25) 2-Butanone	7.16	43	475241	235.861	ug/l	100
26) 2,2-Dichloropropane	7.16	77	317537	50.227	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	347588	49.225	ug/l	98
28) Bromochloromethane	7.51	49	258597	57.764	ug/l	99
29) Tetrahydrofuran	7.52	42	270609	216.789	ug/l	99
30) Chloroform	7.67	83	538948	50.472	ug/l	97
31) Cyclohexane	7.95	56	555667	46.825	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	424598	49.440	ug/l	99
36) 1,1-Dichloropropene	8.08	75	457295	49.631	ug/l	100
37) Ethyl Acetate	7.24	43	191214	45.758	ug/l	98
38) Carbon Tetrachloride	8.06	117	391053	48.921	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	569882	48.196	ug/l	99
40) Benzene	8.32	78	1300926	49.902	ug/l	100
41) Methacrylonitrile	7.48	41	104398	44.817	ug/l	99
42) 1,2-Dichloroethane	8.40	62	326321	48.235	ug/l	100
43) Isopropyl Acetate	8.42	43	340757	44.906	ug/l	98
44) Trichloroethene	9.09	130	340467	48.264	ug/l	97
45) 1,2-Dichloropropane	9.37	63	320586	50.114	ug/l	99
46) Dibromomethane	9.46	93	150823	47.758	ug/l	98
47) Bromodichloromethane	9.64	83	387094	49.647	ug/l	99
48) Methyl methacrylate	9.43	41	167043	45.087	ug/l	99
49) 1,4-Dioxane	9.44	88	54091	915.751	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	889070	225.618	ug/l	100
52) Toluene	10.38	92	819478	49.966	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	394243	48.836	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	488771	49.539	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	217309	47.115	ug/l	98
56) Ethyl methacrylate	10.64	69	279023	46.549	ug/l	99
57) 1,3-Dichloropropane	10.93	76	390522	48.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	463857	254.443	ug/l	99
59) 2-Hexanone	10.96	43	654016	240.853	ug/l	98
60) Dibromochloromethane	11.13	129	249205	47.886	ug/l	98
61) 1,2-Dibromoethane	11.23	107	205265	46.884	ug/l	100
64) Tetrachloroethene	10.86	164	284373	47.573	ug/l	96
65) Chlorobenzene	11.65	112	821743	48.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	284026	49.869	ug/l	100
67) Ethyl Benzene	11.73	91	1522414	49.940	ug/l	97
68) m/p-Xylenes	11.83	106	1165812	99.922	ug/l	99
69) o-Xylene	12.16	106	531596	49.326	ug/l	100
70) Styrene	12.18	104	924009	50.690	ug/l	99
71) Bromoform	12.35	173	144957	46.661	ug/l #	99
73) Isopropylbenzene	12.46	105	1477466	49.196	ug/l	99
74) N-amyl acetate	12.27	43	304426	45.209	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	243303	44.884	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	182128m	47.064	ug/l	
77) Bromobenzene	12.74	156	337338	48.362	ug/l	99
78) n-propylbenzene	12.80	91	1761467	49.879	ug/l	100
79) 2-Chlorotoluene	12.89	91	986850	49.105	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1241104	49.219	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	81150	46.722	ug/l	99
82) 4-Chlorotoluene	12.99	91	1026390	49.158	ug/l	100
83) tert-Butylbenzene	13.21	119	1081467	48.985	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1243325	49.548	ug/l	100
85) sec-Butylbenzene	13.38	105	1500847	49.113	ug/l	100
86) p-Isopropyltoluene	13.49	119	1383228	49.659	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	666195	49.116	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	636436	47.528	ug/l	99
89) n-Butylbenzene	13.82	91	1300833	50.291	ug/l	99
90) Hexachloroethane	14.09	117	239791	49.279	ug/l	100
91) 1,2-Dichlorobenzene	13.86	146	577666	48.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	38162	44.457	ug/l	96

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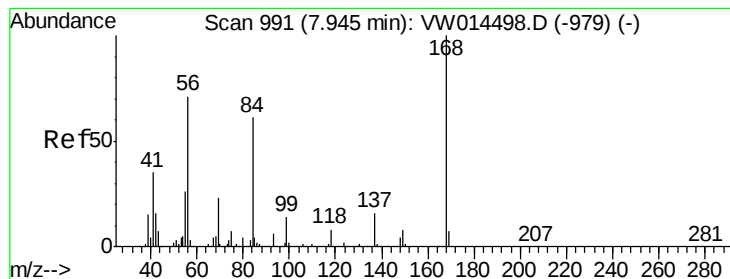
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	396350	49.232	ug/l	99
94) Hexachlorobutadiene	15.24	225	258426	47.901	ug/l	100
95) Naphthalene	15.36	128	648189	47.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	336422	47.941	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

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VSTDCCC050

Tgt Ion:168 Resp: 635974

Ion Ratio Lower Upper

168 100

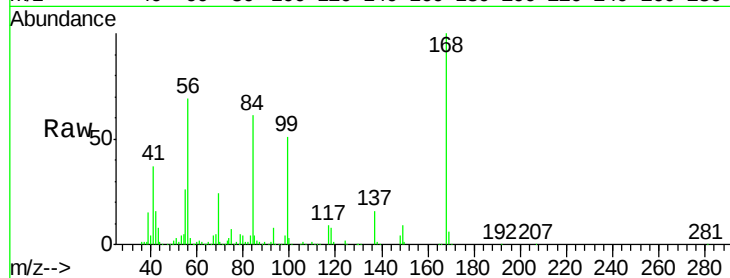
99 50.5 41.1 61.7

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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

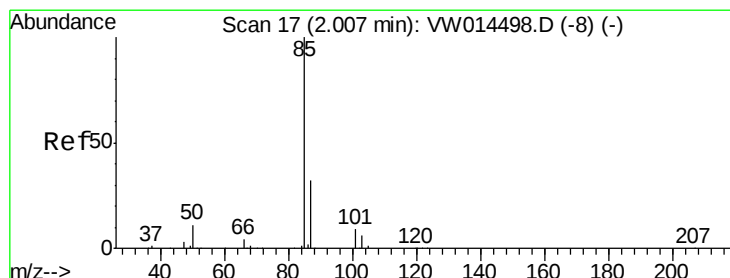
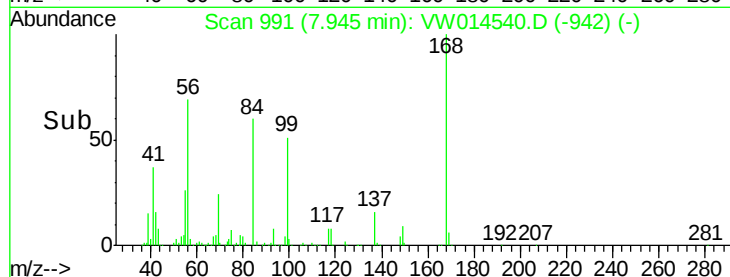
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.790 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014540.D

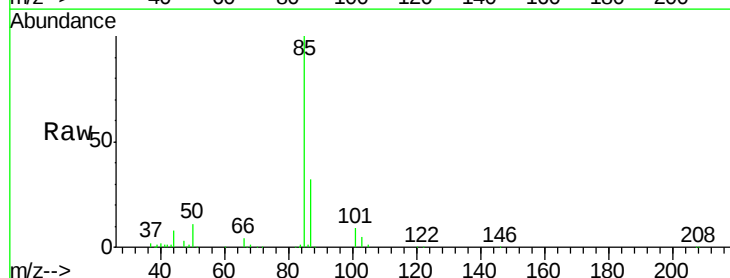
Acq: 07 Jan 2020 10:16

Tgt Ion: 85 Resp: 175197

Ion Ratio Lower Upper

85 100

87 32.4 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

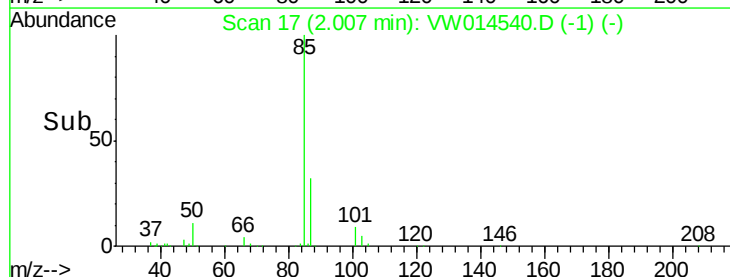
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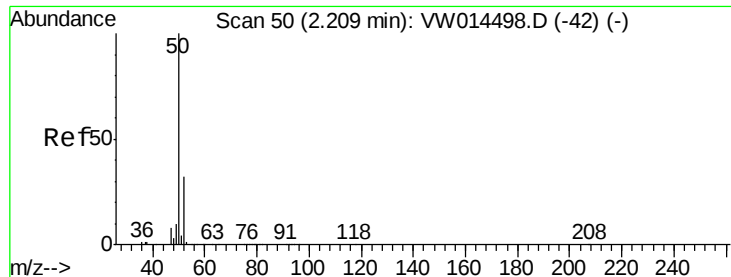
40000

20000

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Time-->





#3

Chloromethane

Concen: 48.856 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 214738

Ion Ratio Lower Upper

50 100

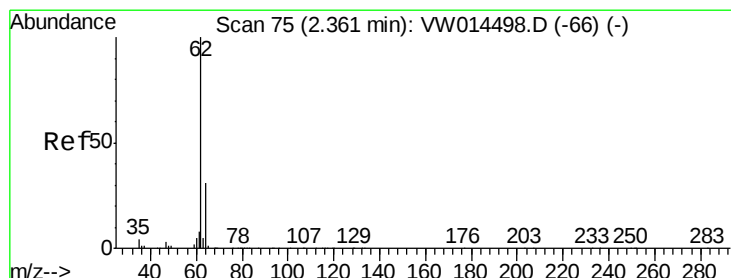
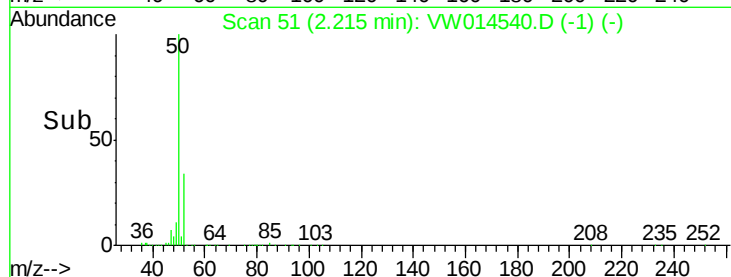
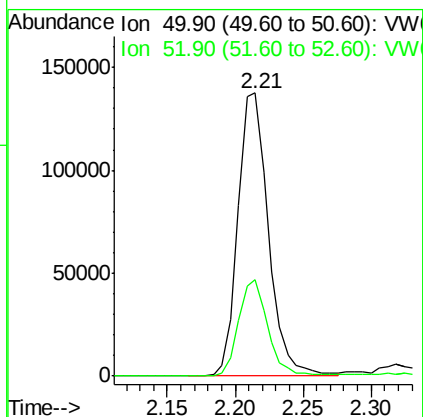
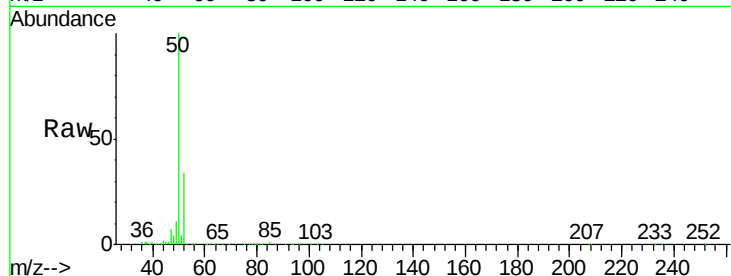
52 34.0 25.8 38.8

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#4

Vinyl Chloride

Concen: 50.151 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014540.D

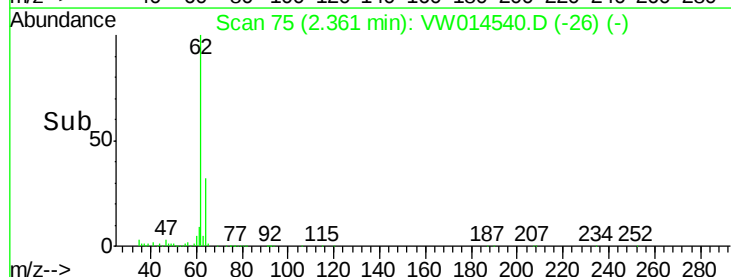
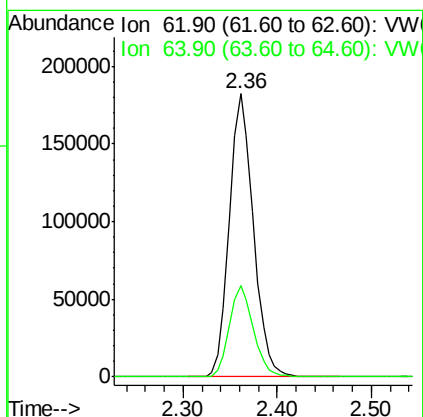
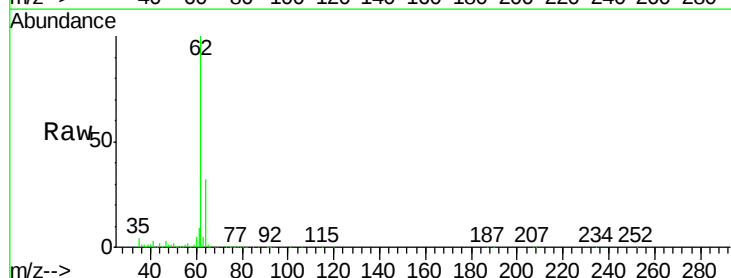
Acq: 07 Jan 2020 10:16

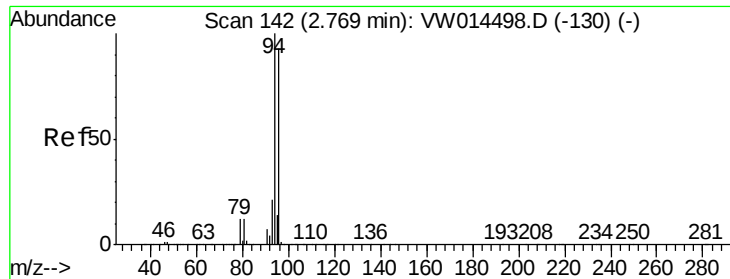
Tgt Ion: 62 Resp: 324209

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 51.322 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 94 Resp: 204956

Ion Ratio Lower Upper

94 100

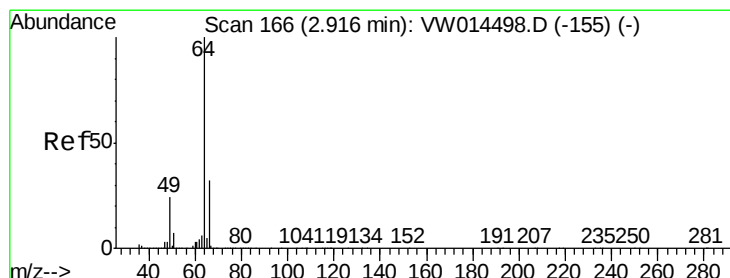
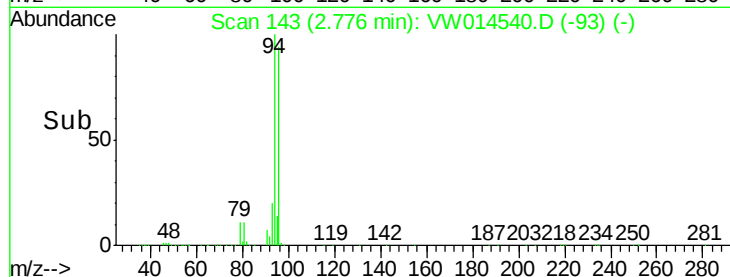
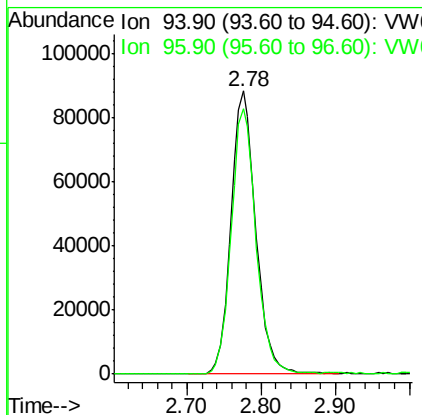
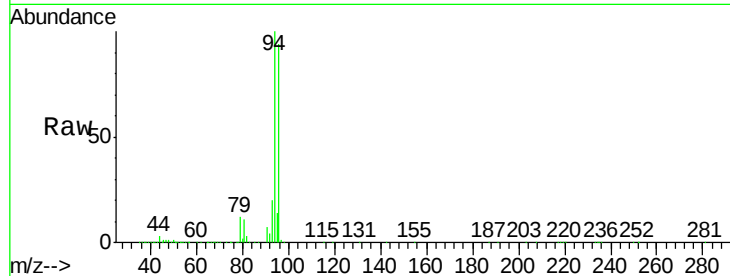
96 93.7 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 51.390 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014540.D

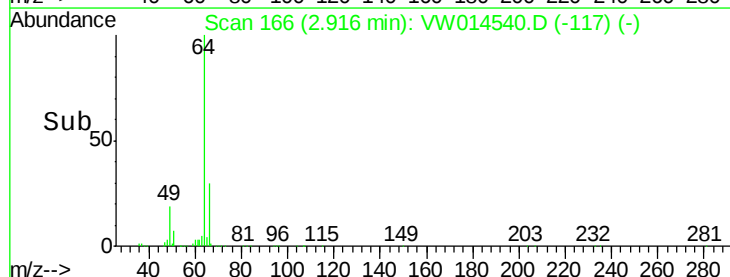
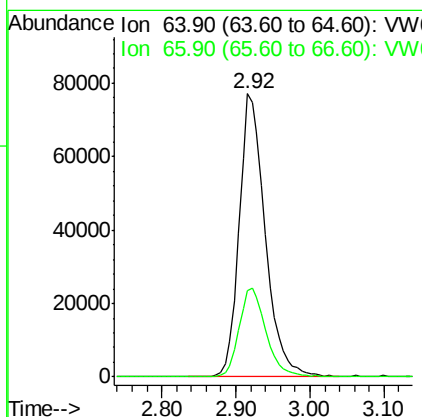
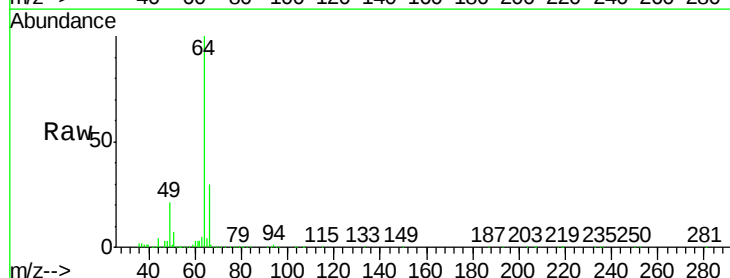
Acq: 07 Jan 2020 10:16

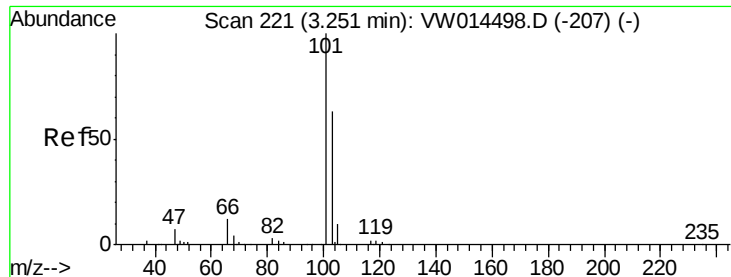
Tgt Ion: 64 Resp: 189380

Ion Ratio Lower Upper

64 100

66 30.2 25.7 38.5





#7

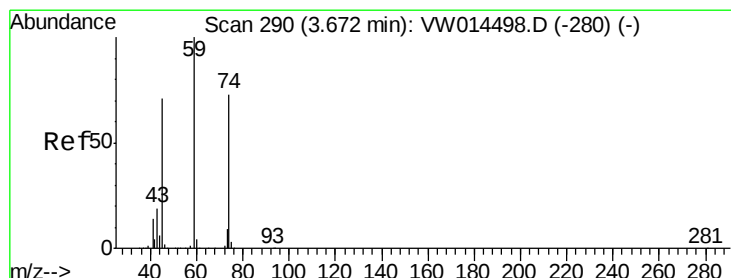
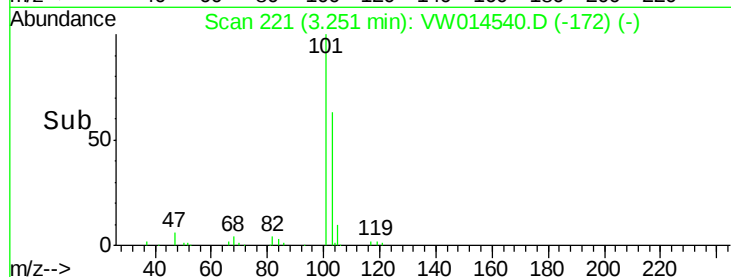
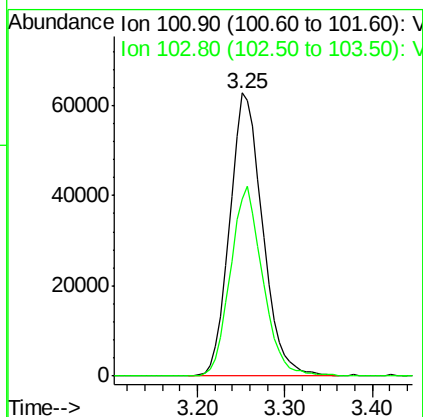
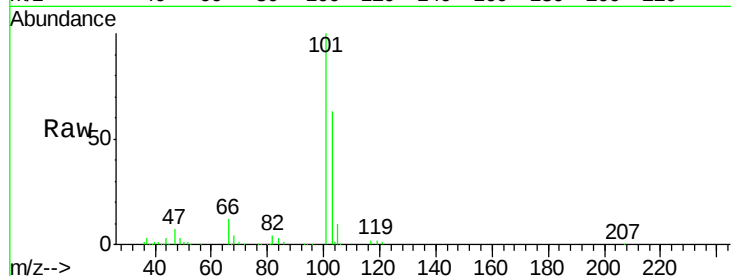
Trichlorofluoromethane
Concen: 50.751 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

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VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.1	75.1

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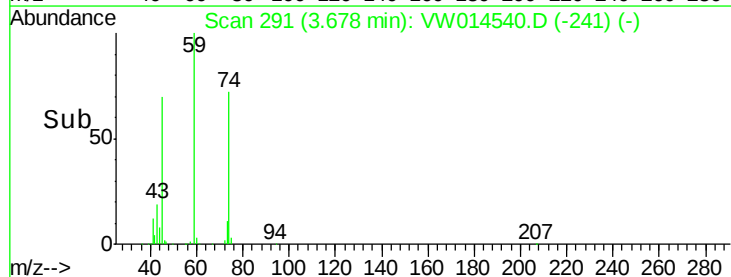
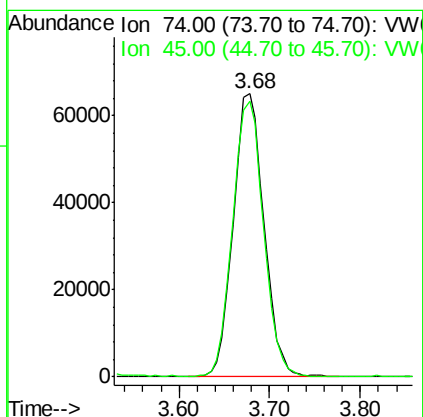
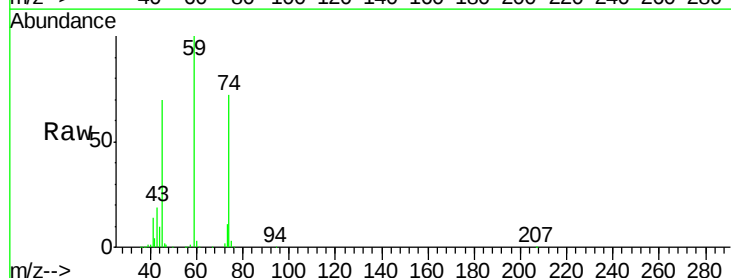
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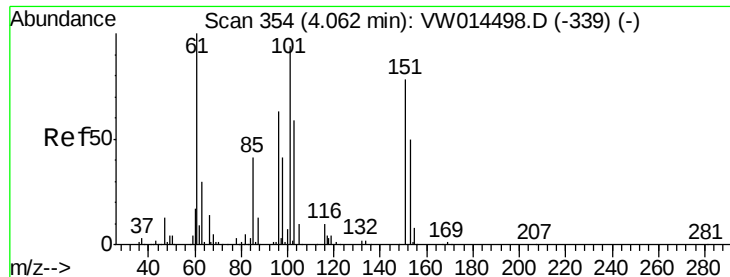


#8

Diethyl Ether
Concen: 47.508 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.786 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

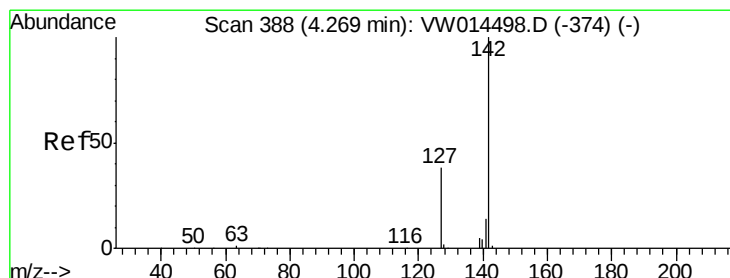
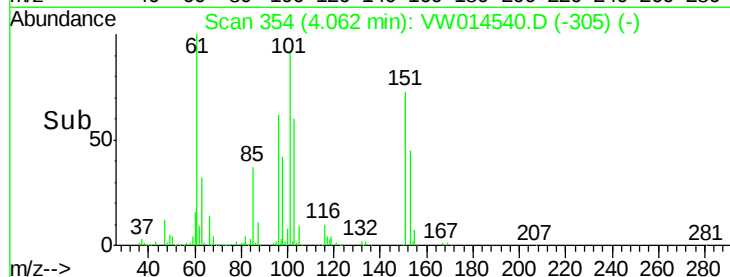
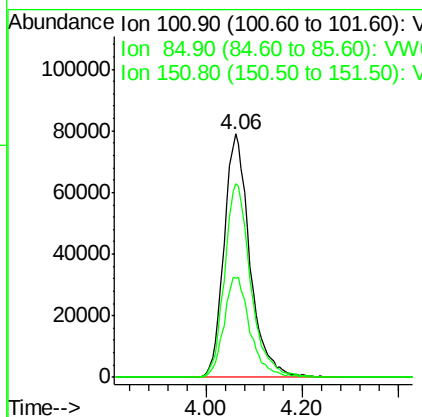
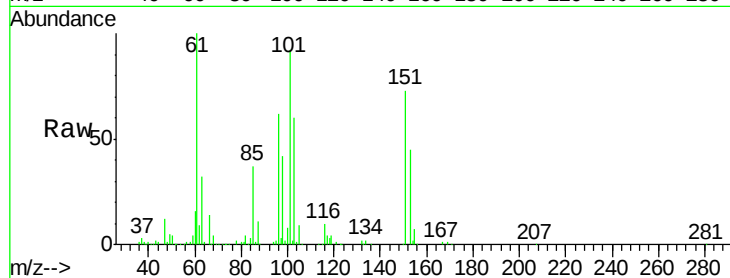
ClientSampled :

VSTDCCC050

Tgt Ion:	101	Resp:	294843
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	80.5	63.5	95.3

Manual Integrations
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#10

Methyl Iodide

Concen: 49.155 ug/l

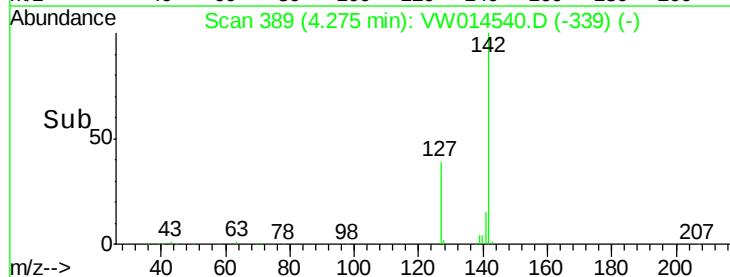
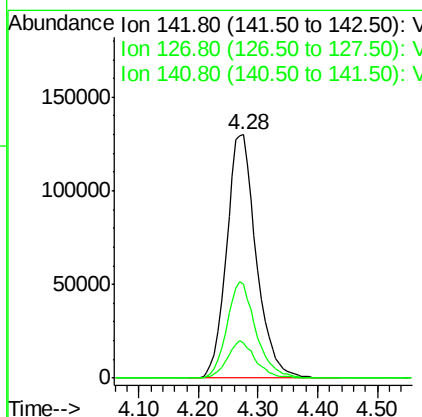
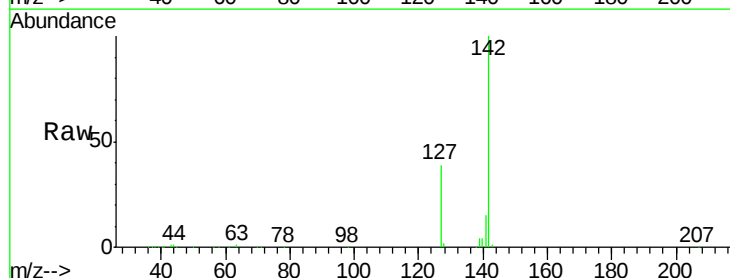
RT: 4.28 min Scan# 389

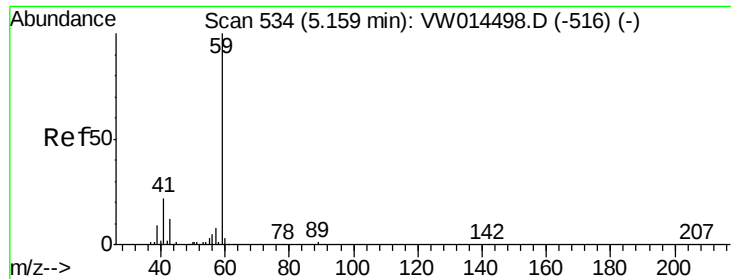
Delta R.T. 0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Tgt Ion:	142	Resp:	448226
Ion Ratio	Lower	Upper	
142	100		
127	38.7	30.2	45.4
141	14.6	11.4	17.2





#11

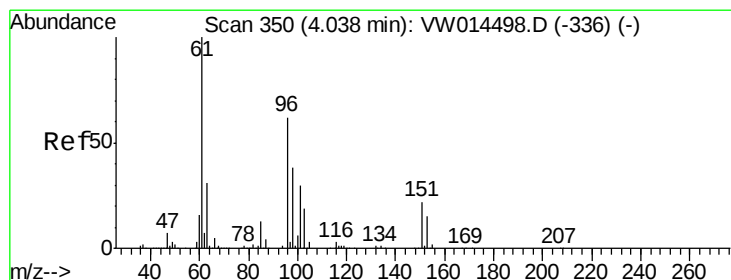
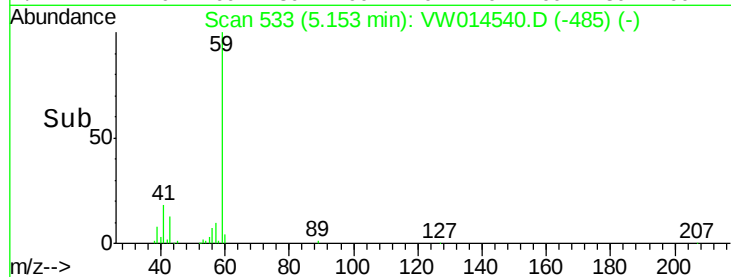
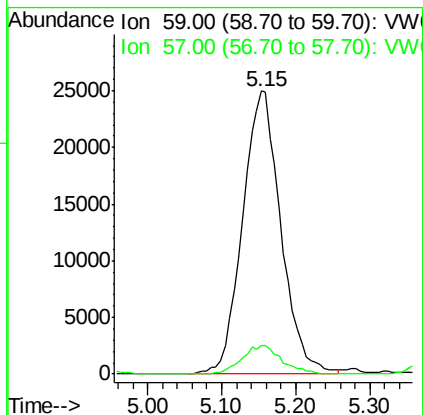
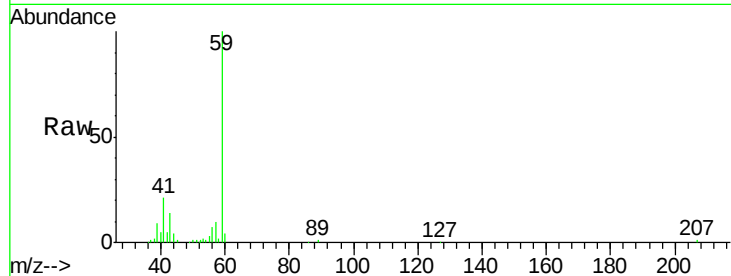
Tert butyl alcohol
Concen: 206.010 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 59 Resp: 90052
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8

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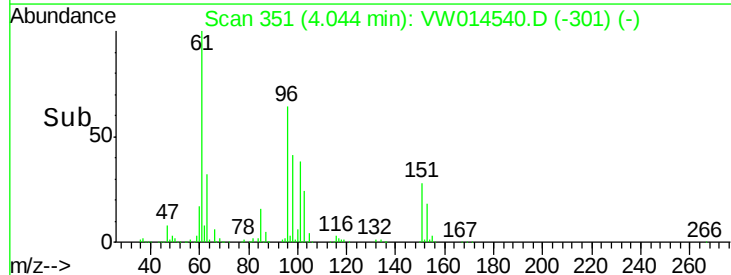
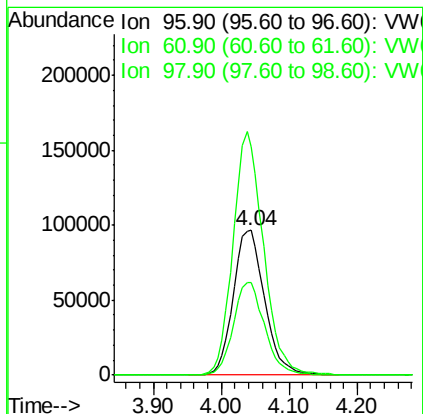
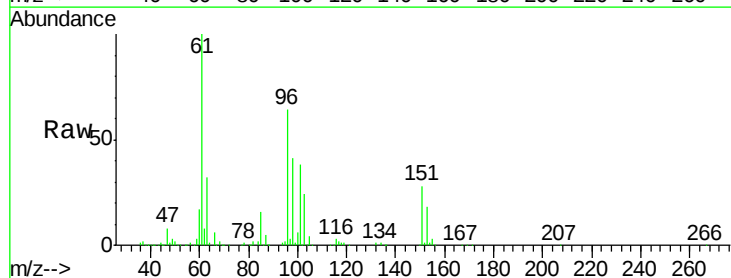
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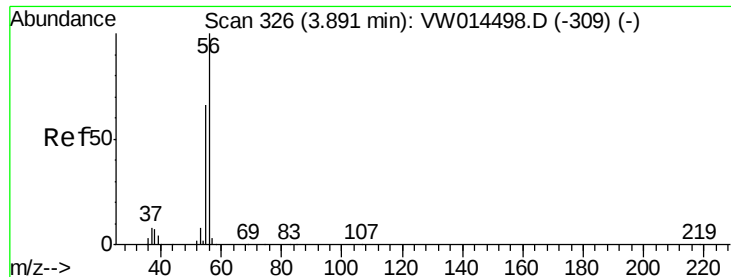


#12

1,1-Dichloroethene
Concen: 48.919 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 96 Resp: 309603
Ion Ratio Lower Upper
96 100
61 157.3 128.4 192.6
98 63.8 49.1 73.7





#13

Acrolein

Concen: 263.389 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 56 Resp: 127827

Ion Ratio Lower Upper

56 100

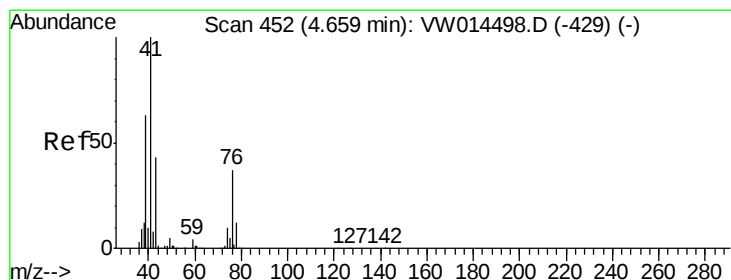
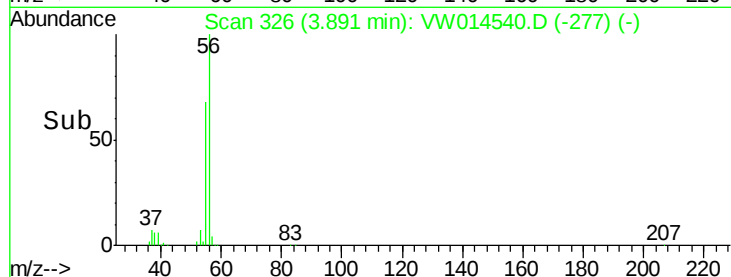
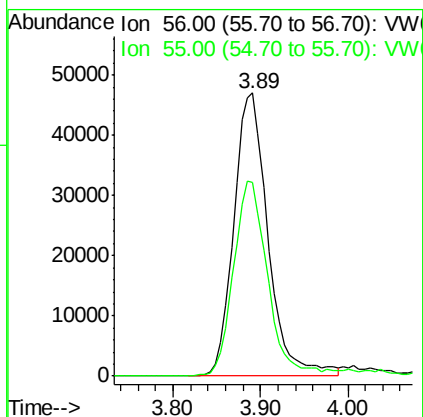
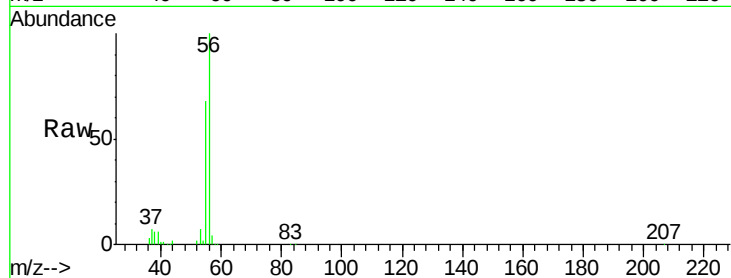
55 68.4 56.7 85.1

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#14

Allyl chloride

Concen: 51.024 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

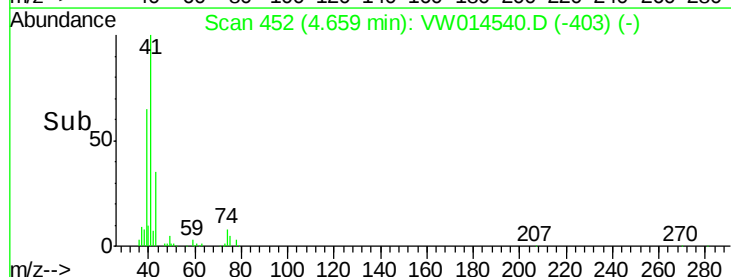
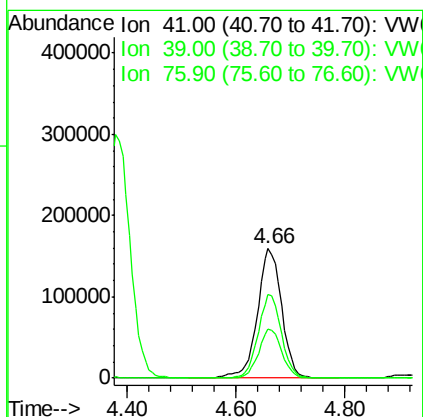
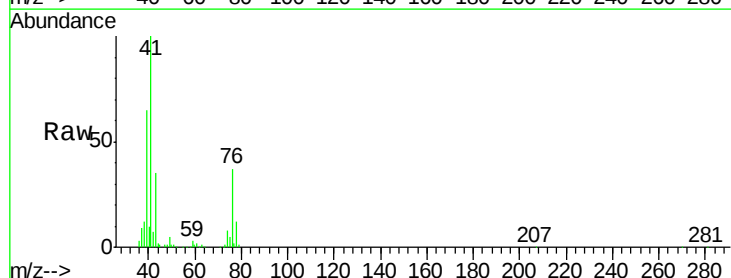
Tgt Ion: 41 Resp: 493481

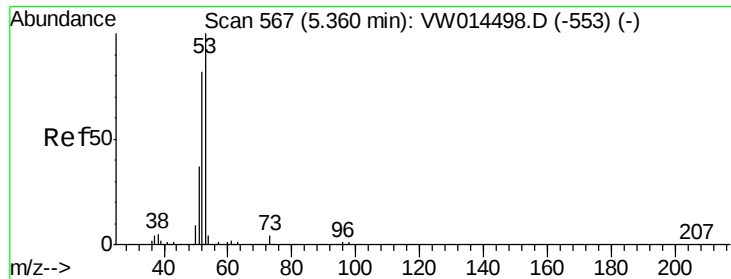
Ion Ratio Lower Upper

41 100

39 61.7 48.5 72.7

76 35.4 28.1 42.1





#15

Acrylonitrile

Concen: 229.907 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

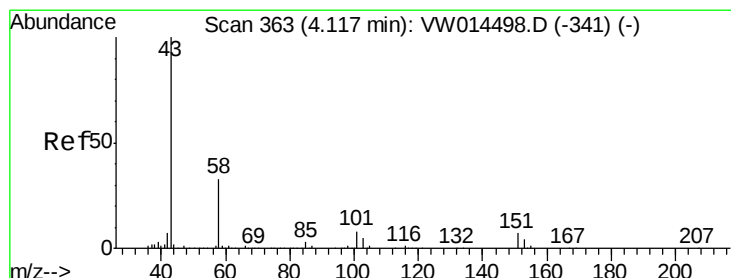
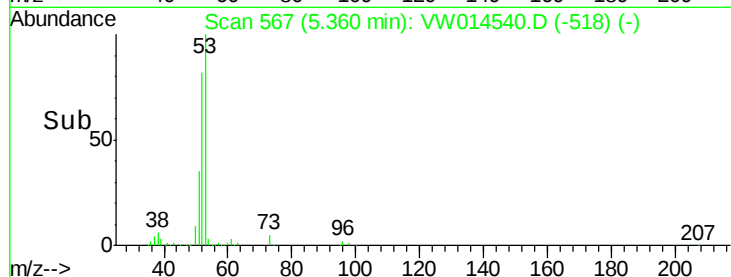
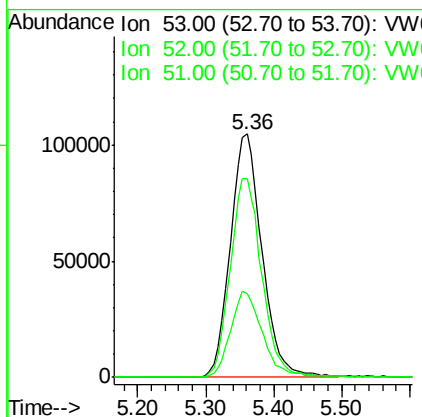
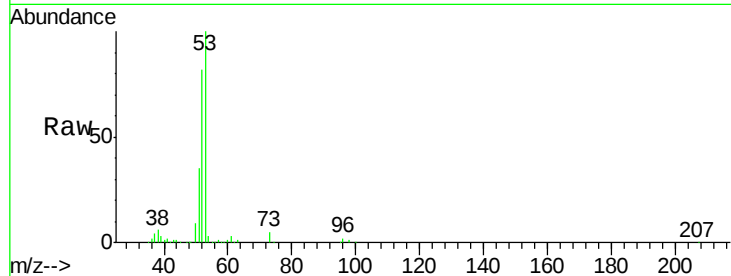
ClientSampled :

VSTDCCC050

Tgt Ion:	53	Resp:	338203
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.5	99.7
51	35.5	28.4	42.6

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#16

Acetone

Concen: 255.792 ug/l

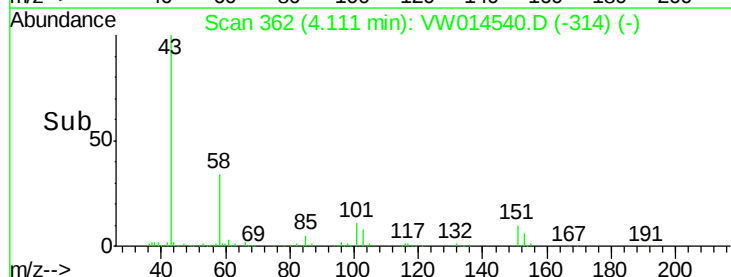
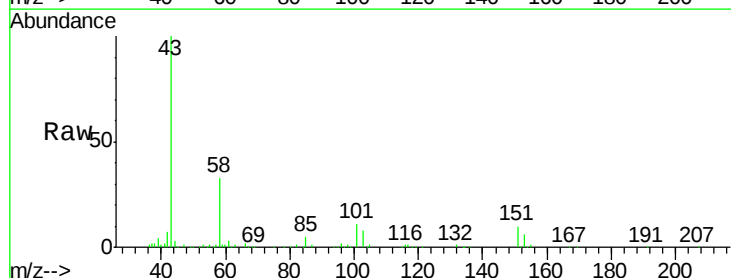
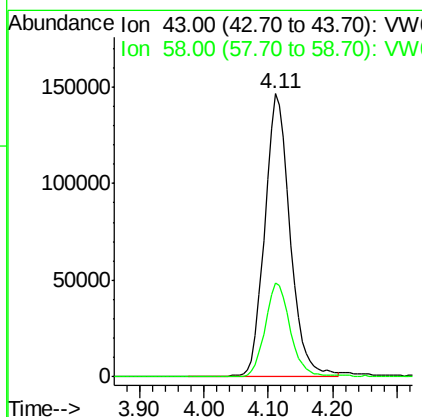
RT: 4.11 min Scan# 362

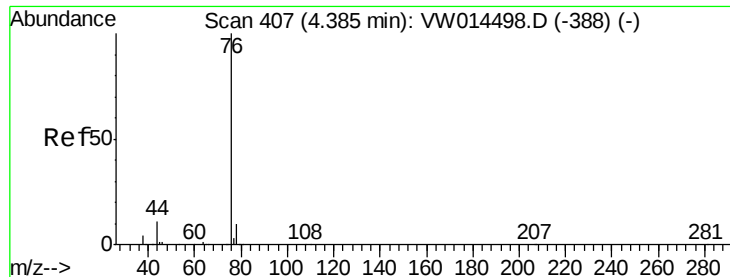
Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Tgt Ion:	43	Resp:	401613
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.6	39.8





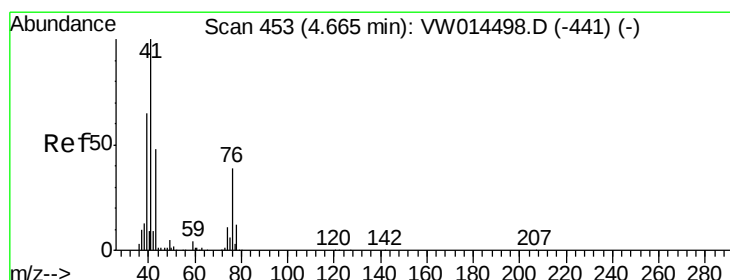
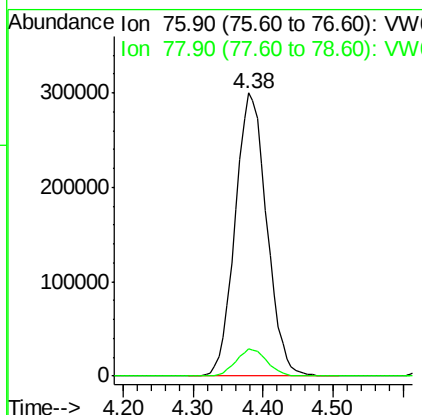
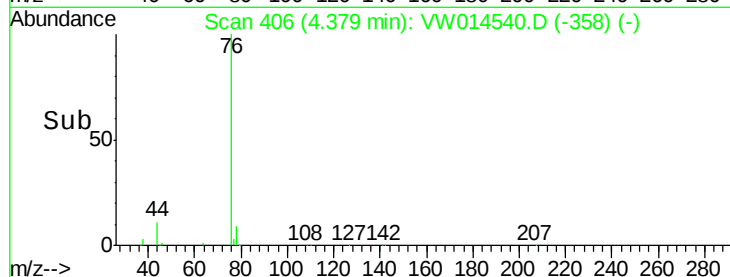
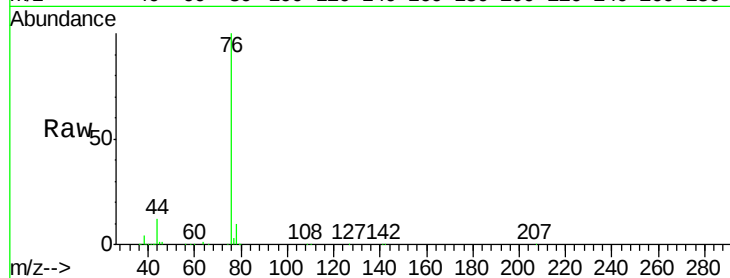
#17
Carbon Disulfide
Concen: 49.239 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 939247
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6

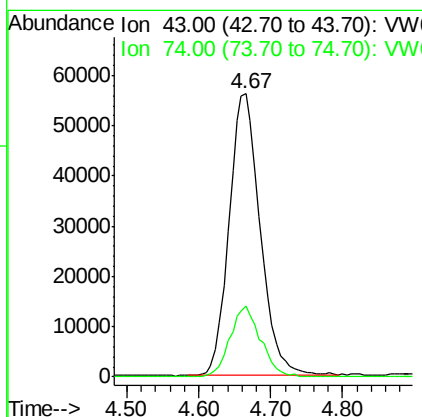
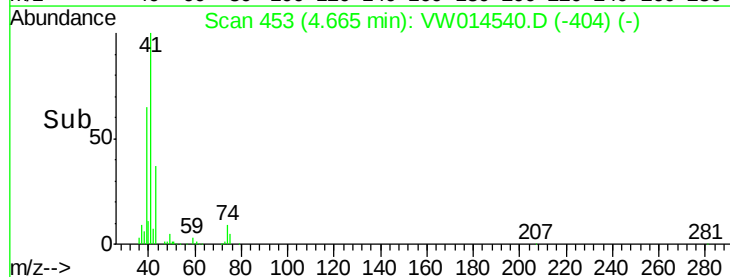
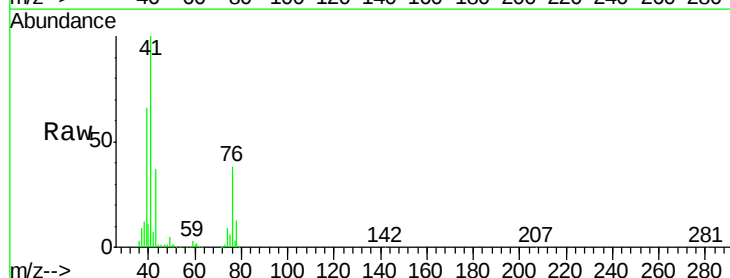
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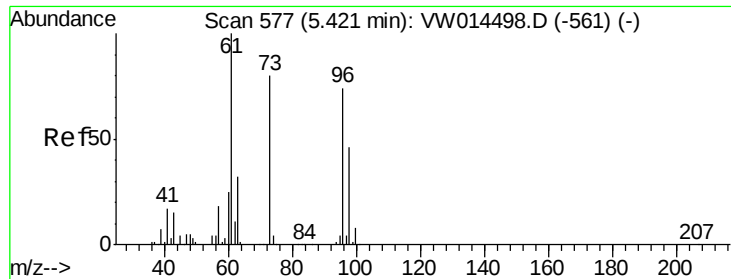
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#18
Methyl Acetate
Concen: 44.562 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 43 Resp: 168976
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9





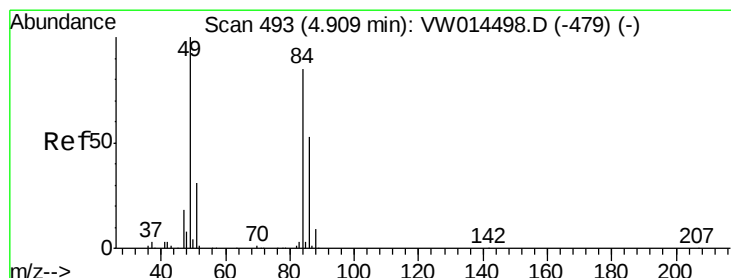
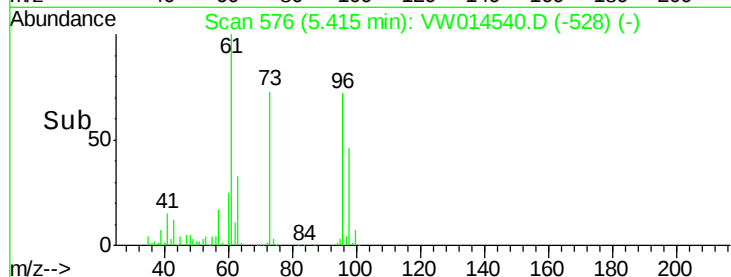
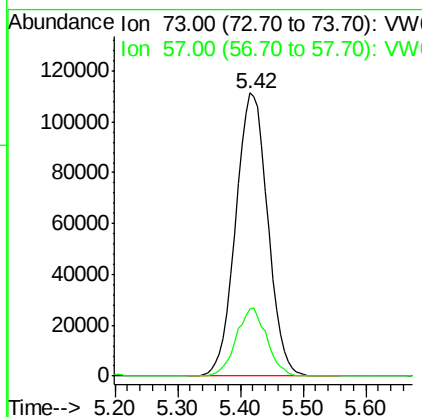
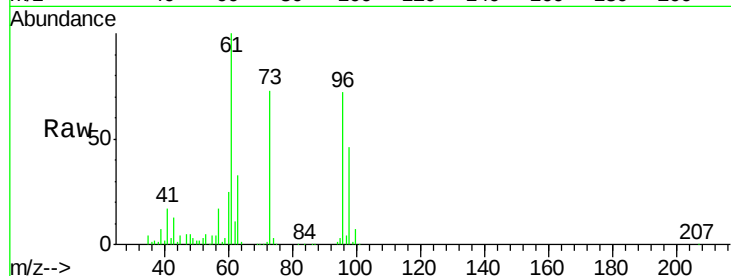
#19
Methyl tert-butyl Ether
Concen: 50.100 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 393598
Ion Ratio Lower Upper
73 100
57 23.7 18.1 27.1

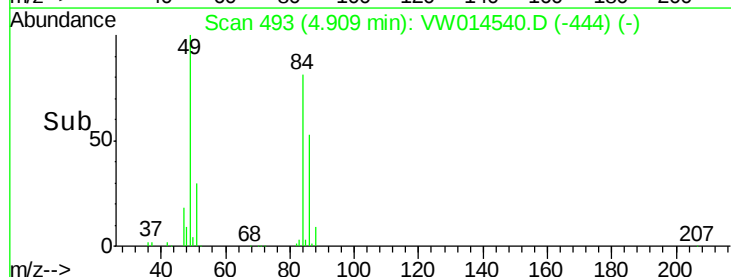
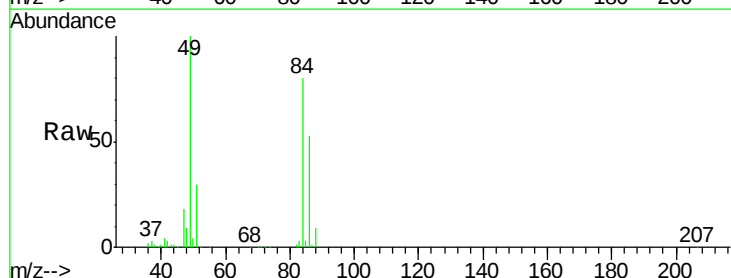
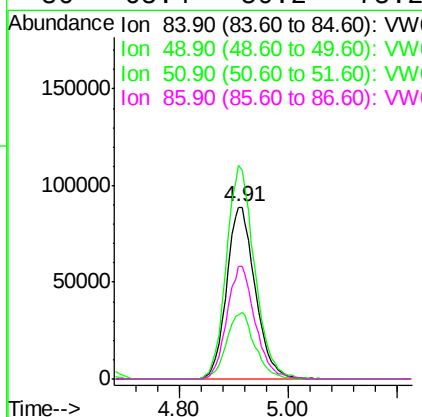
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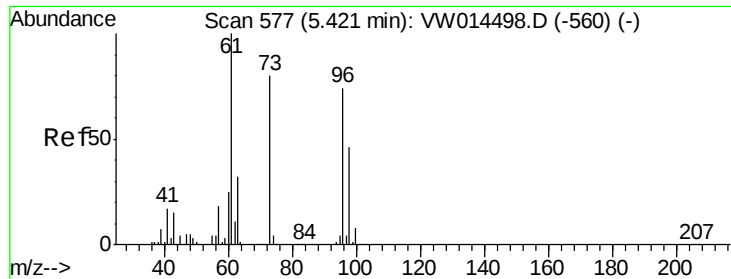
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#20
Methylene Chloride
Concen: 51.428 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 84 Resp: 325776
Ion Ratio Lower Upper
84 100
49 124.3 94.4 141.6
51 37.6 29.5 44.3
86 65.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.450 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

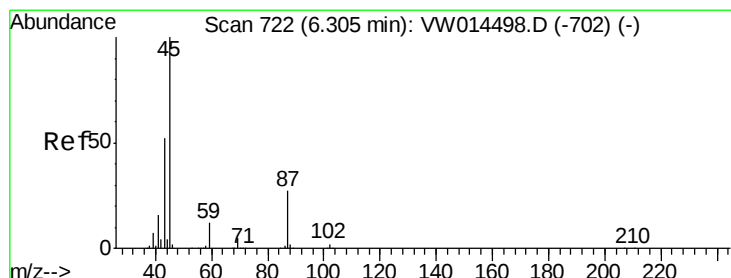
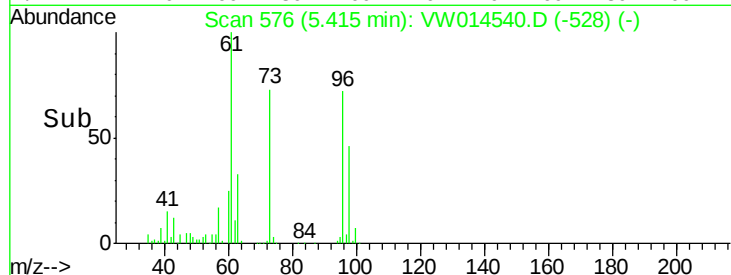
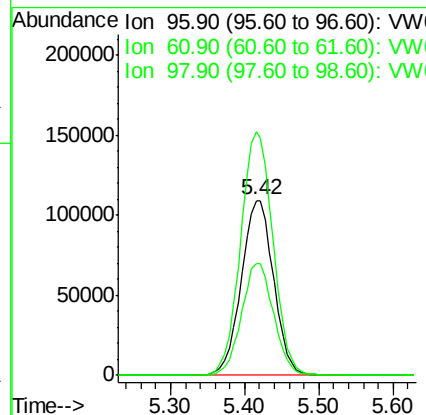
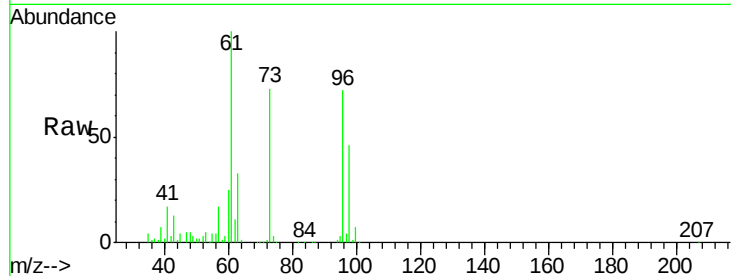
ClientSampled :

VSTDCCC050

Tgt Ion:	96	Resp:	332314
Ion	Ratio	Lower	Upper
96	100		
61	139.2	107.8	161.6
98	64.2	49.4	74.0

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#22

Diisopropyl ether

Concen: 51.118 ug/l

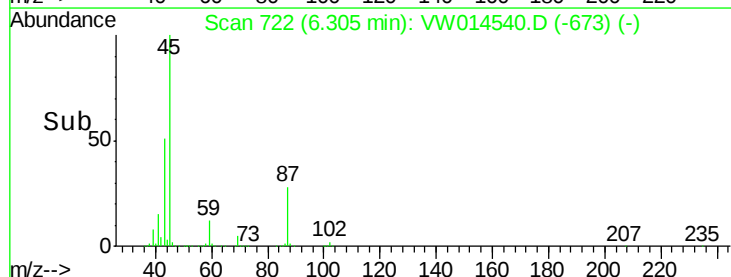
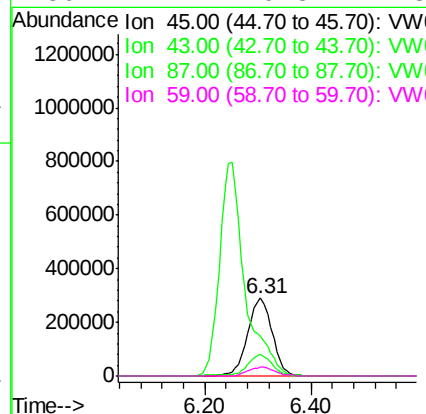
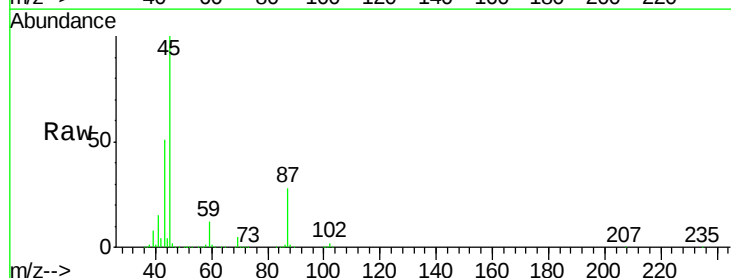
RT: 6.31 min Scan# 722

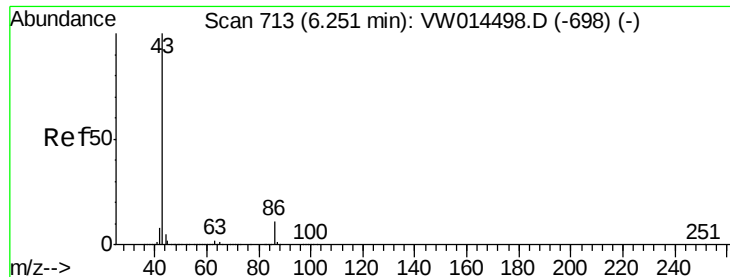
Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Tgt Ion:	45	Resp:	925374
Ion	Ratio	Lower	Upper
45	100		
43	50.7	41.4	62.0
87	27.5	22.2	33.2
59	11.7	9.5	14.3





#23

Vinyl Acetate

Concen: 241.893 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2644232

Ion Ratio Lower Upper

43 100

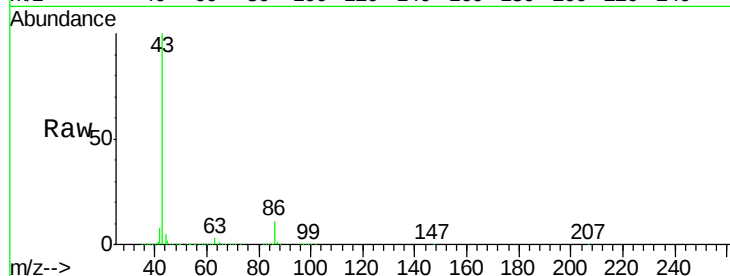
86 10.9 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

800000

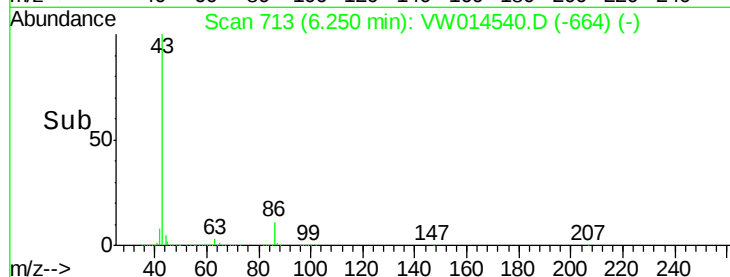
600000

400000

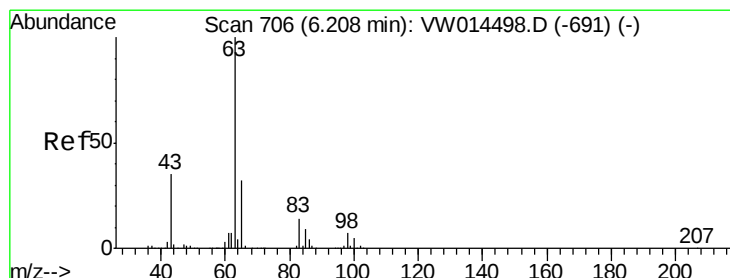
200000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 50.251 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

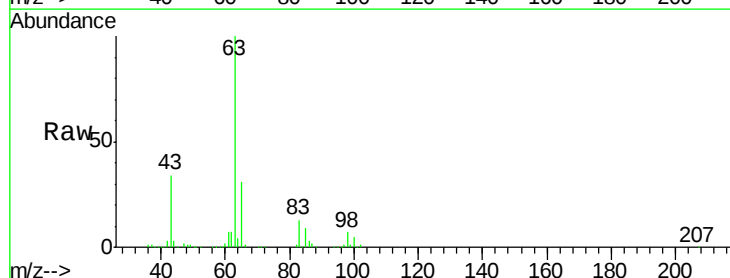
Tgt Ion: 63 Resp: 573807

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.7 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

250000

200000

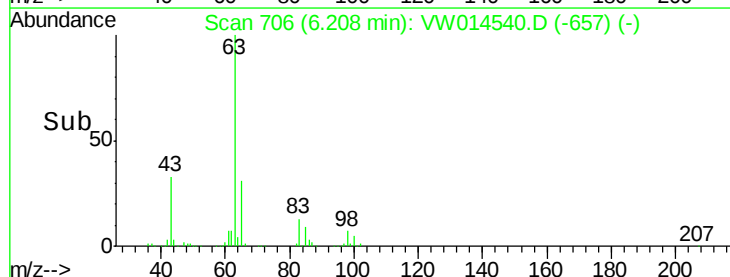
150000

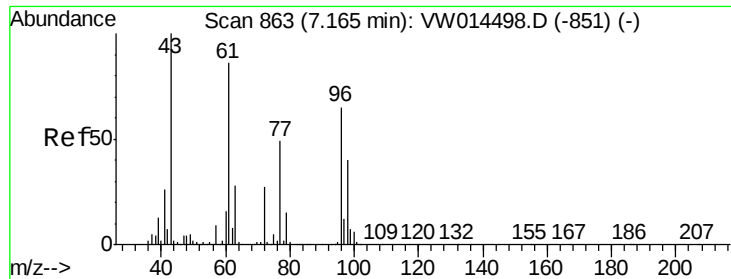
100000

50000

0

Time-->





#25

2-Butanone

Concen: 235.861 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 475241

Ion Ratio Lower Upper

43 100

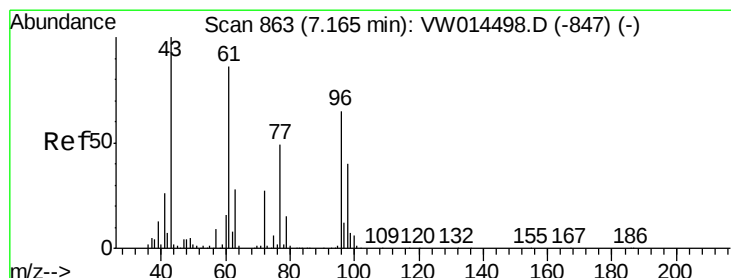
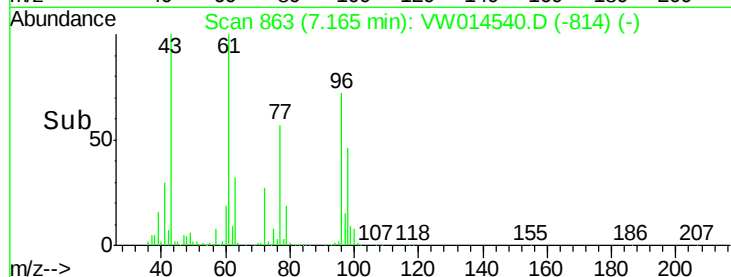
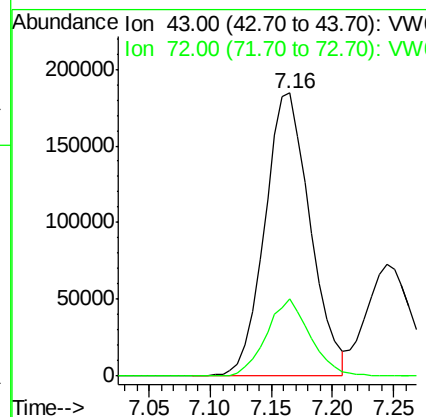
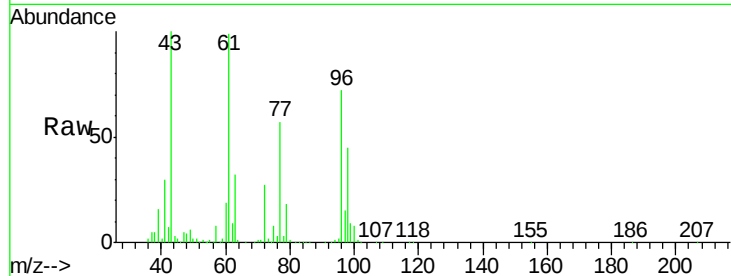
72 27.3 21.9 32.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.227 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014540.D

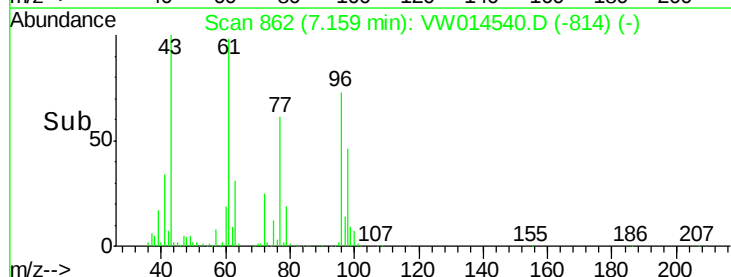
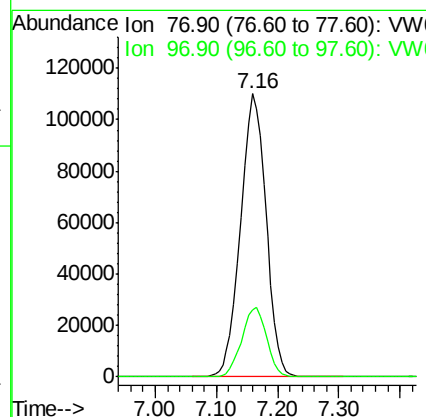
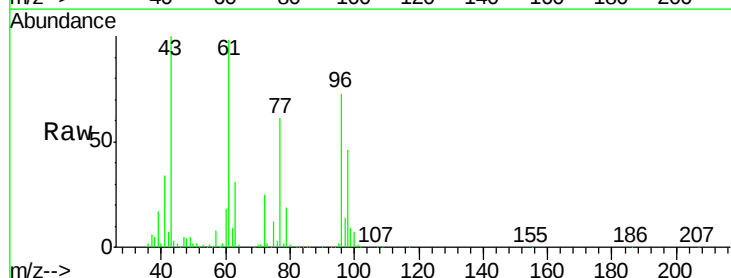
Acq: 07 Jan 2020 10:16

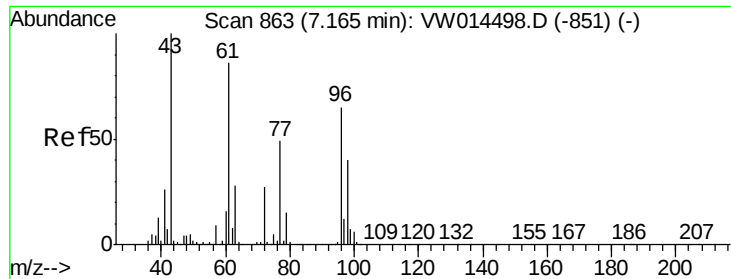
Tgt Ion: 77 Resp: 317537

Ion Ratio Lower Upper

77 100

97 23.9 12.5 37.5





#27

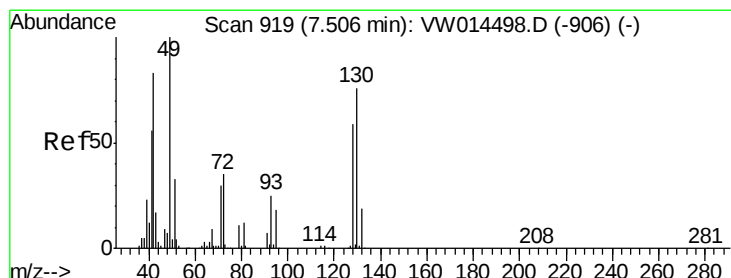
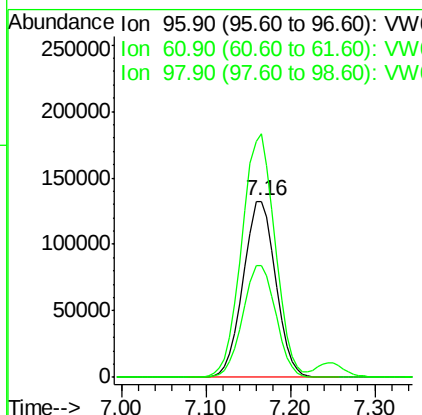
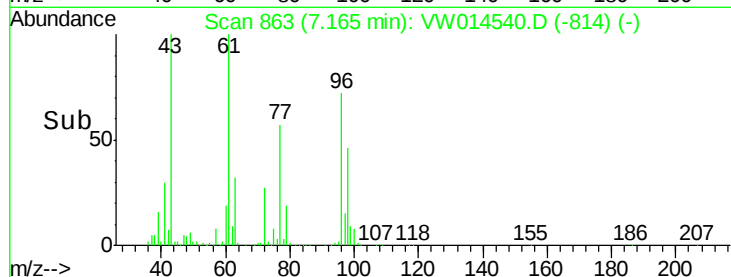
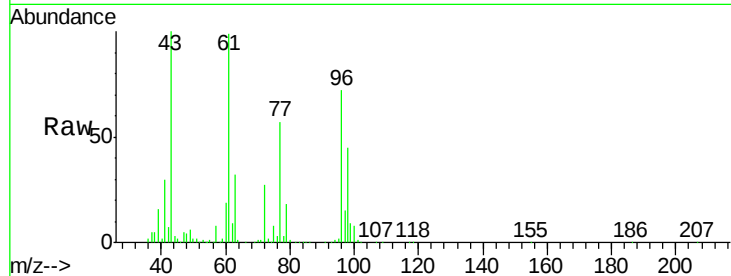
cis-1,2-Dichloroethene
Concen: 49.225 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	347588		
61	141.2	0.0	274.8	
98	64.2	0.0	128.6	

Manual Integrations
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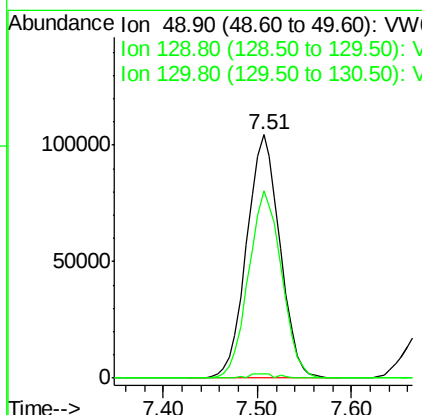
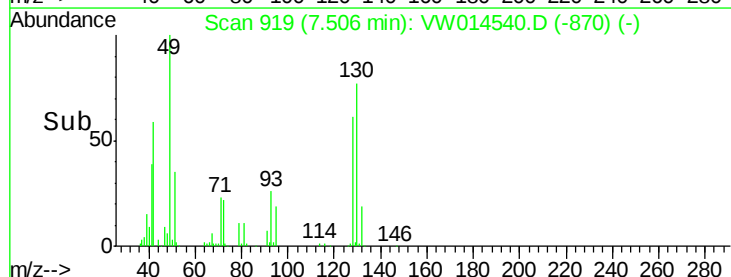
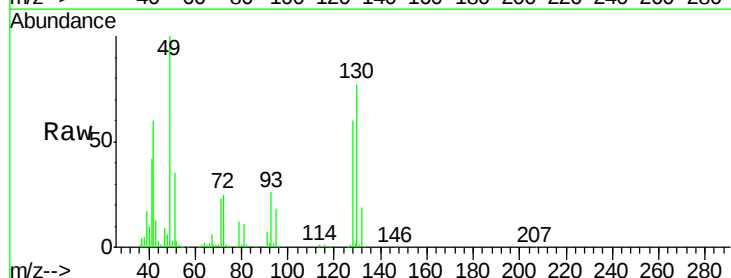
apatel
1/8/2020 9:13:42 AM

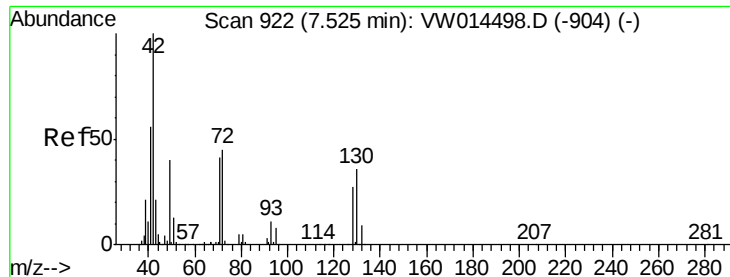


#28

Bromochloromethane
Concen: 57.764 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	258597		
129	1.2	0.0	2.0	
130	77.1	62.5	93.7	





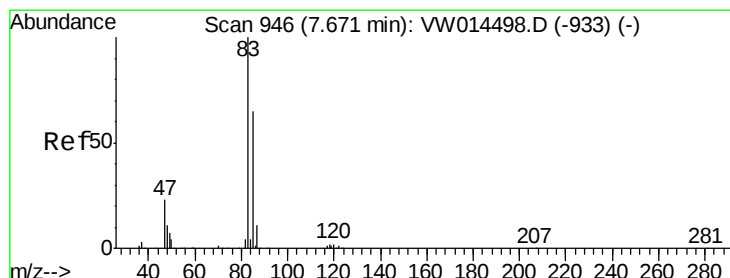
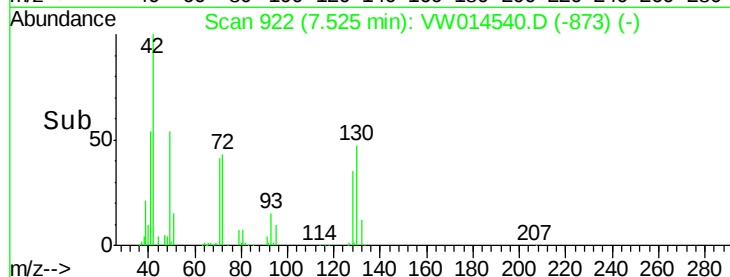
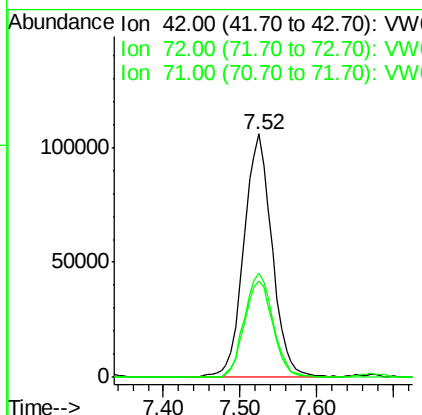
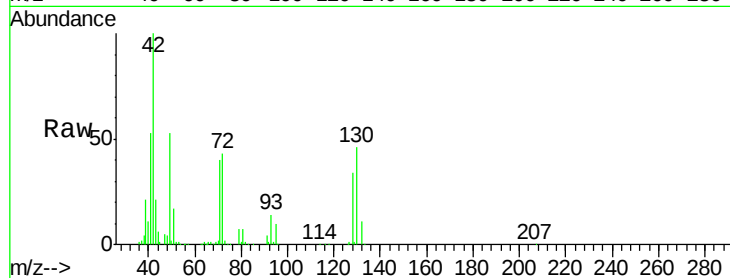
#29
Tetrahydrofuran
Concen: 216.789 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.5	51.7
71	40.5	32.0	48.0

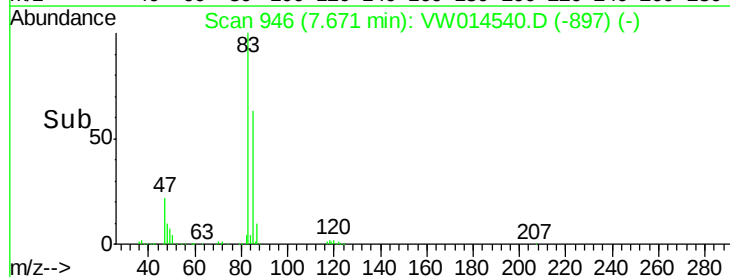
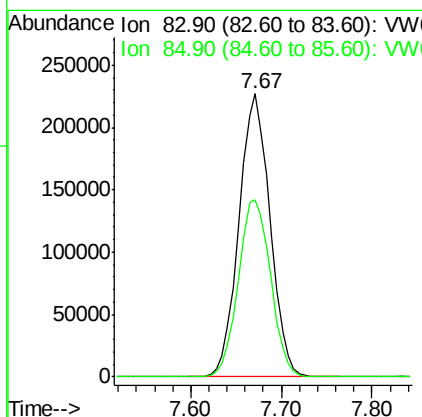
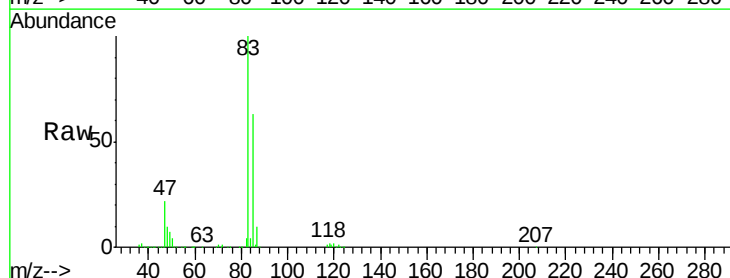
Manual Integrations
APPROVED

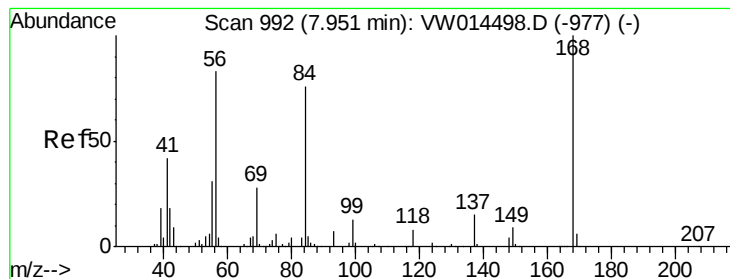
apatel
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#30
Chloroform
Concen: 50.472 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.2	78.2





#31

Cyclohexane

Concen: 46.825 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

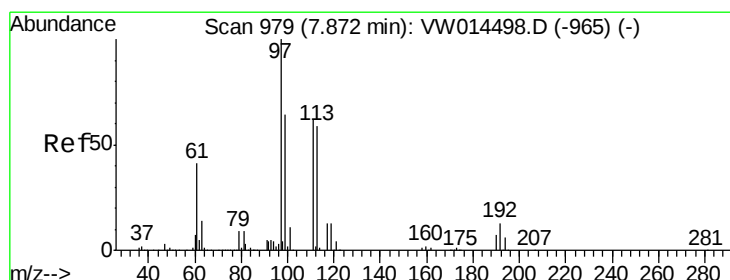
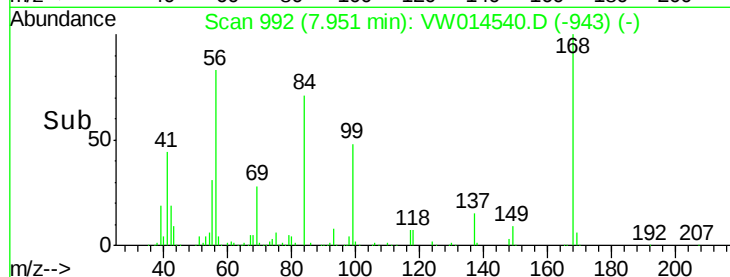
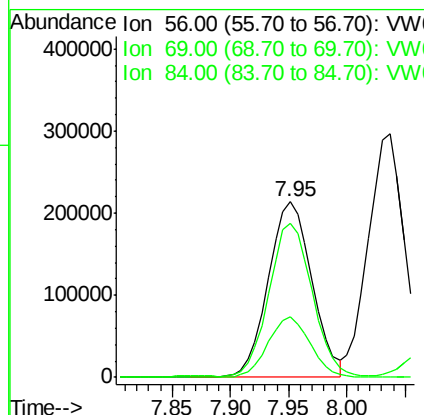
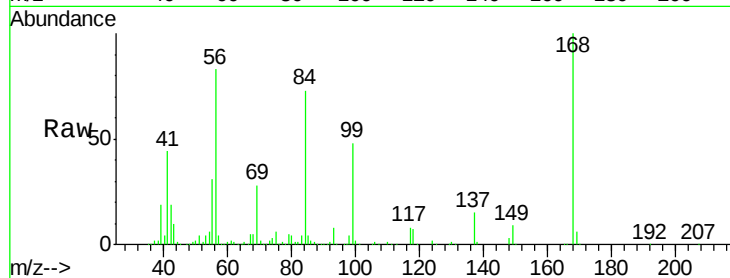
ClientSampled :

VSTDCCC050

Tgt Ion:	56	Resp:	555667
Ion Ratio	Lower	Upper	
56	100		
69	34.3	26.8	40.2
84	86.5	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.440 ug/l

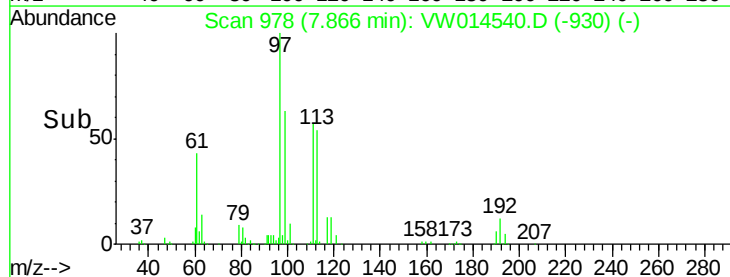
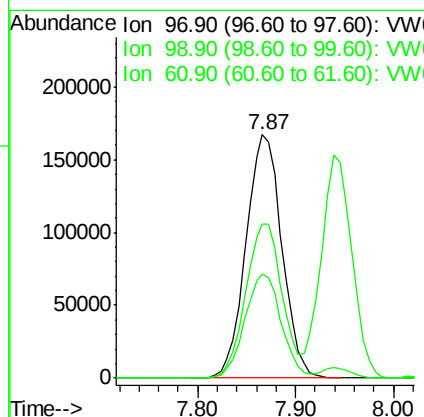
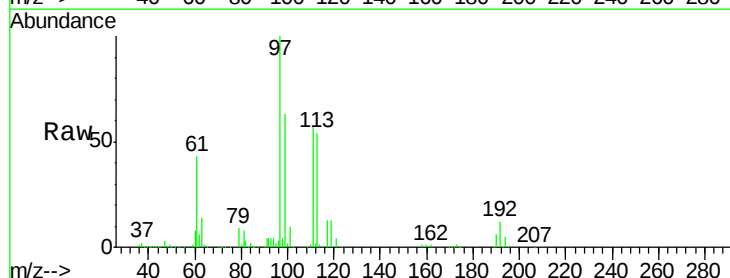
RT: 7.87 min Scan# 978

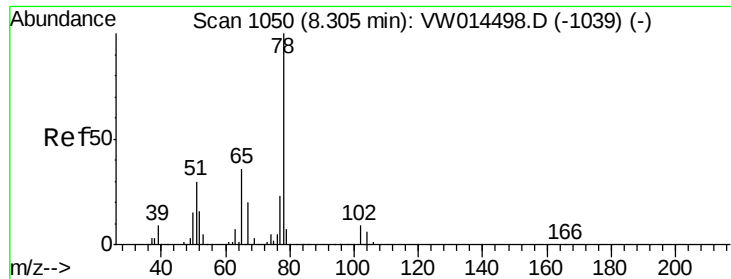
Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Tgt Ion:	97	Resp:	424598
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.8	77.6
61	43.6	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 56.352 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 313343

Ion Ratio Lower Upper

65 100

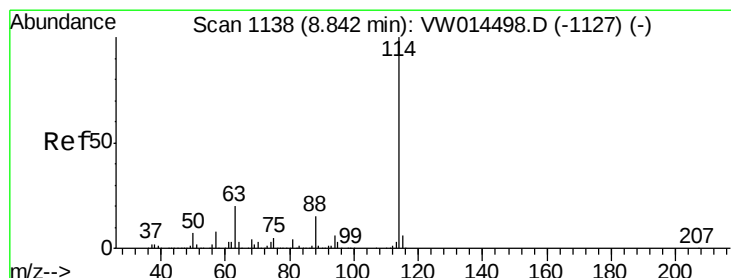
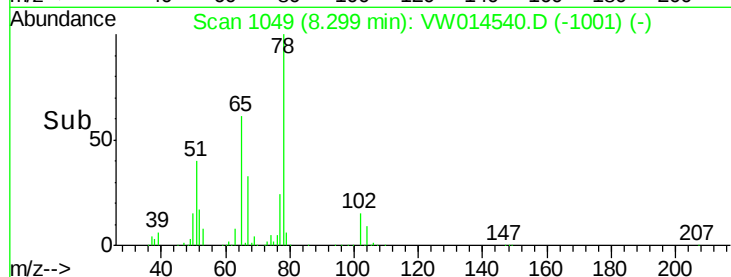
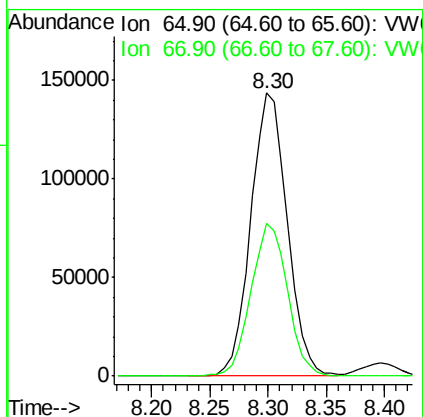
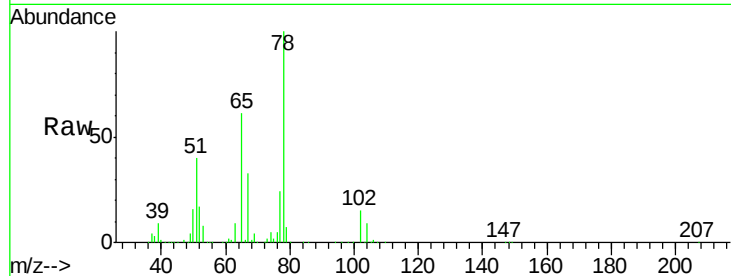
67 54.3 0.0 108.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

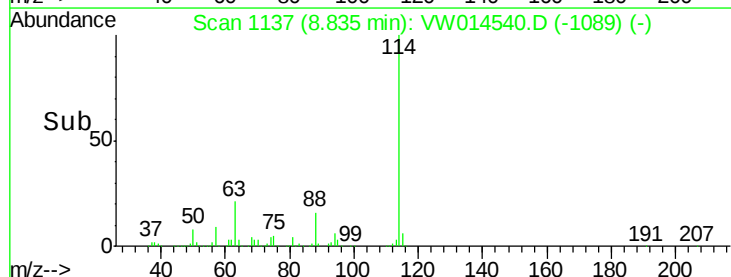
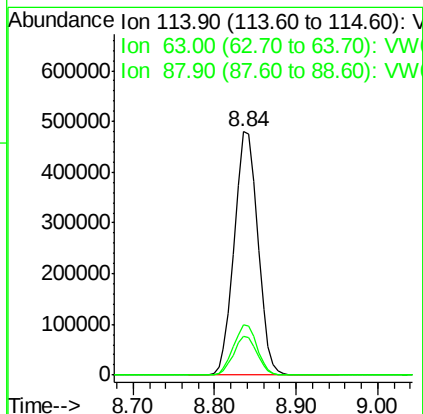
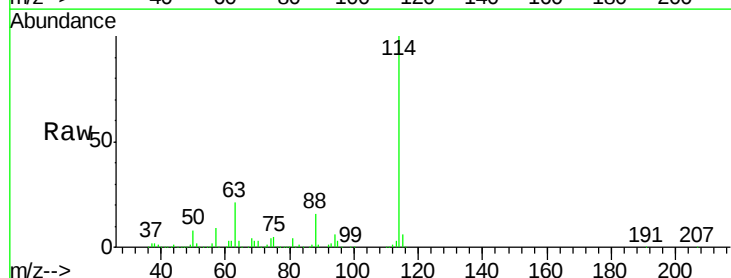
Tgt Ion: 114 Resp: 955756

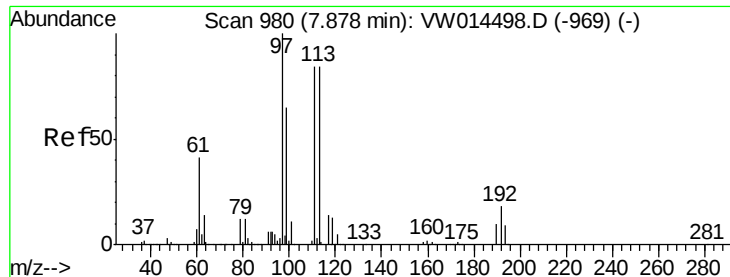
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.456 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

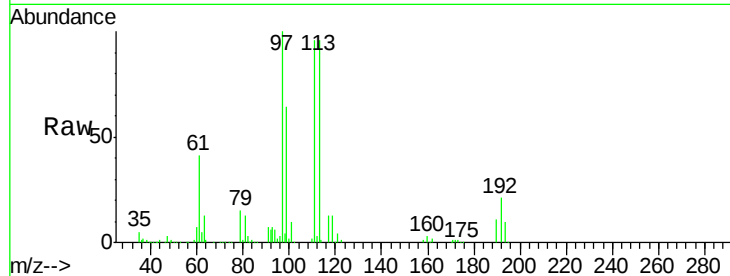
ClientSampled :

VSTDCCC050

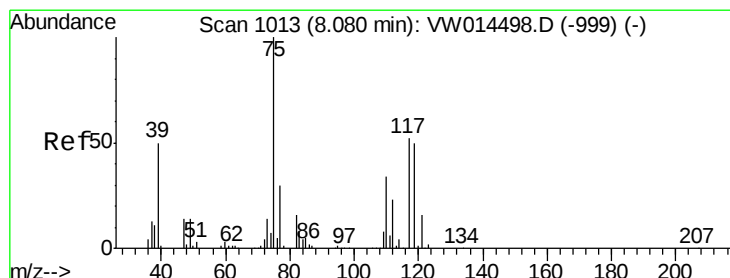
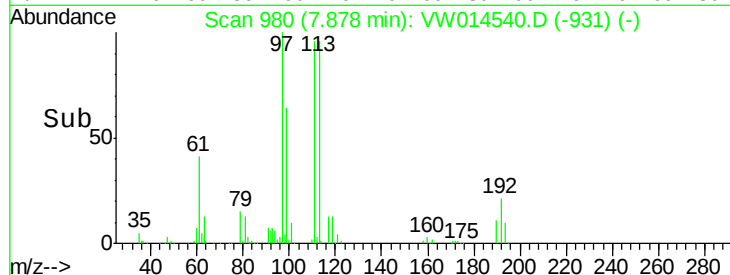
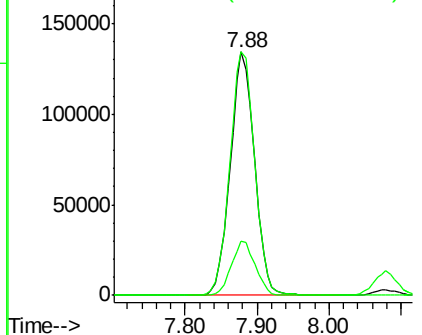
Tgt Ion:	113	Resp:	313840
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	22.1	17.8	26.8

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.631 ug/l

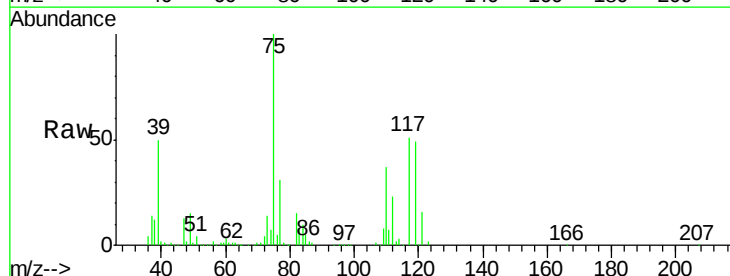
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

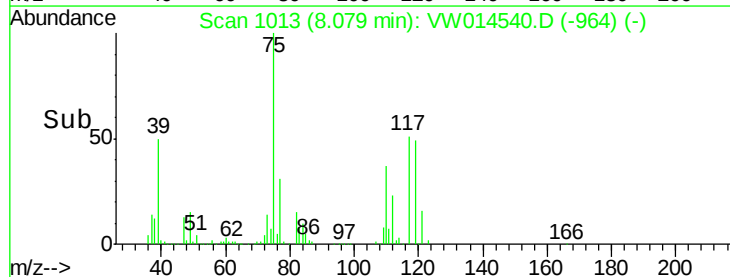
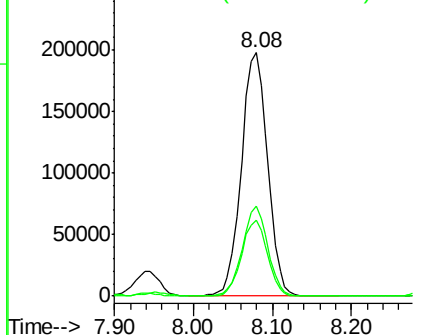
Lab File: VW014540.D

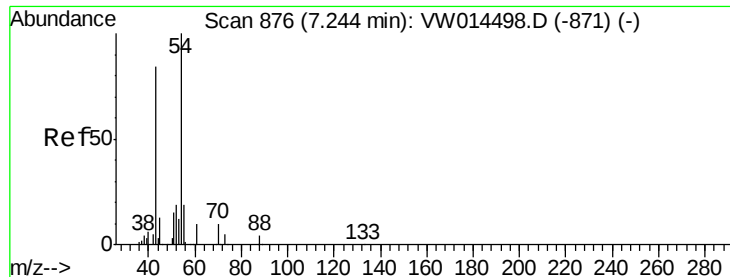
Acq: 07 Jan 2020 10:16

Tgt Ion:	75	Resp:	457295
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.8	53.5
77	30.9	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





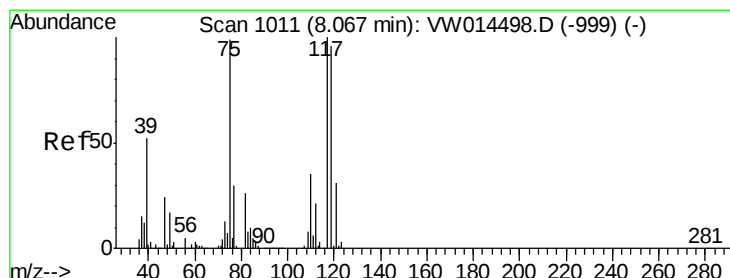
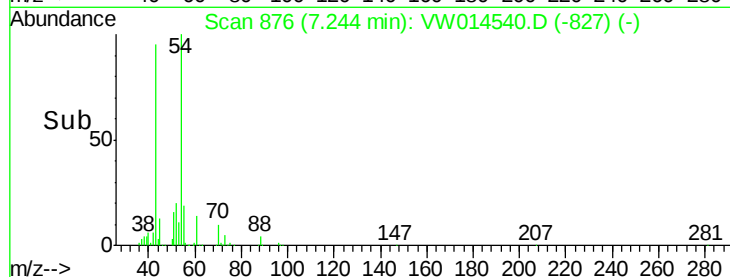
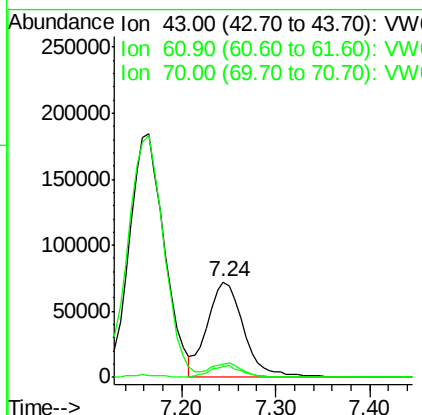
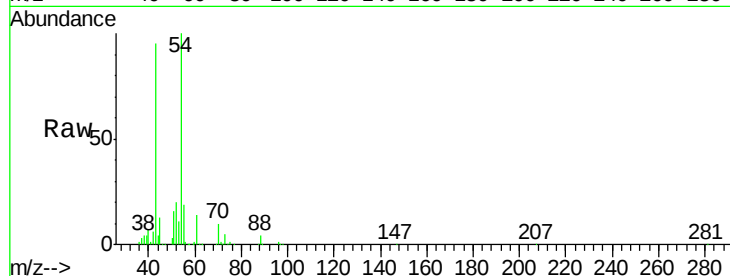
#37
Ethyl Acetate
Concen: 45.758 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.7	17.5
70	11.1	9.0	13.6

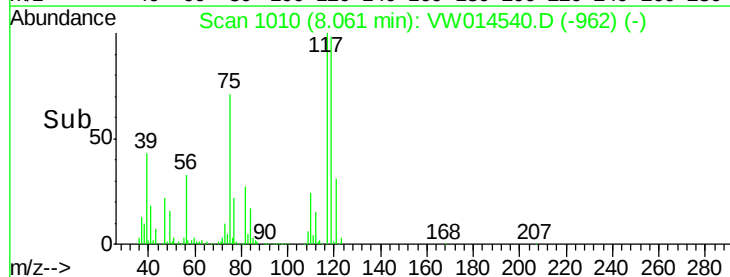
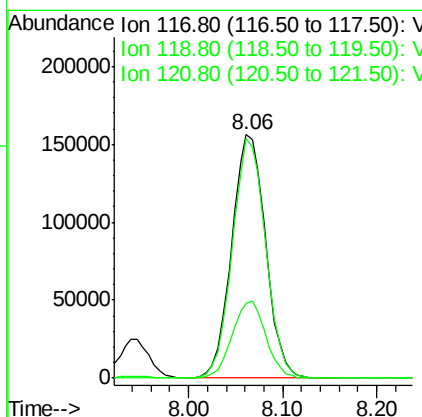
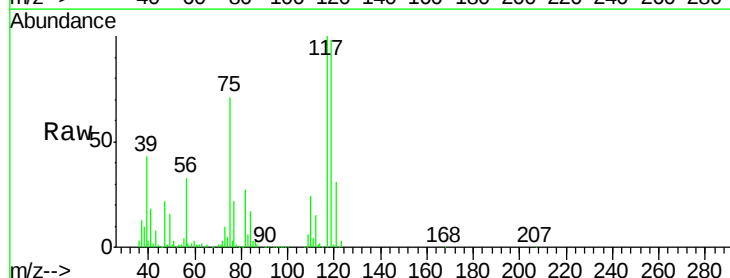
Manual Integrations
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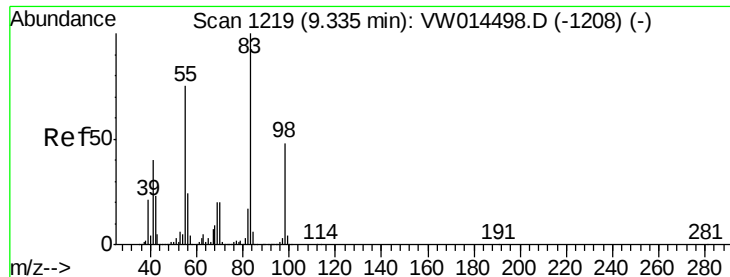
apatel
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#38
Carbon Tetrachloride
Concen: 48.921 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.0	115.6
121	30.6	24.6	36.8





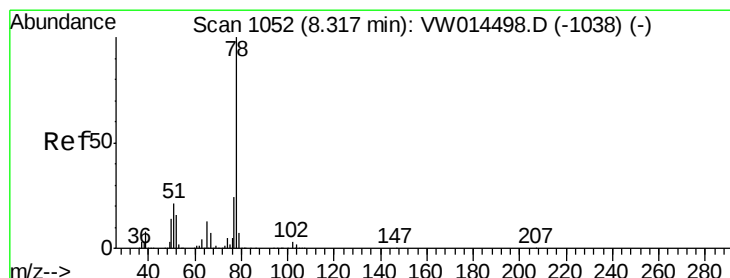
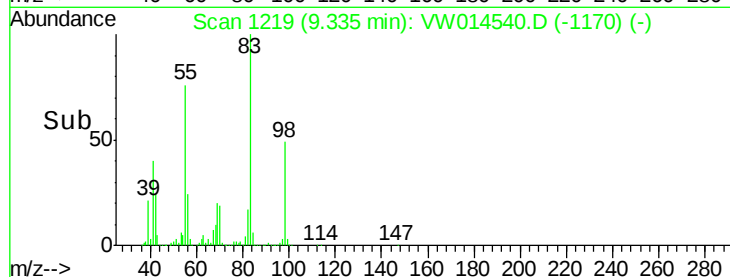
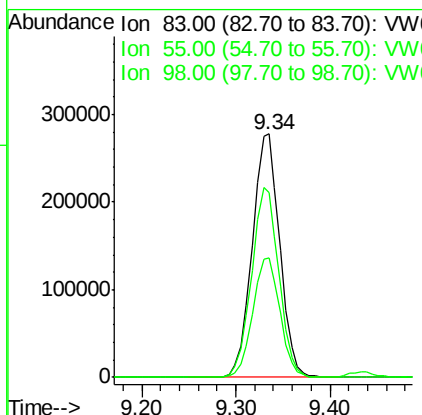
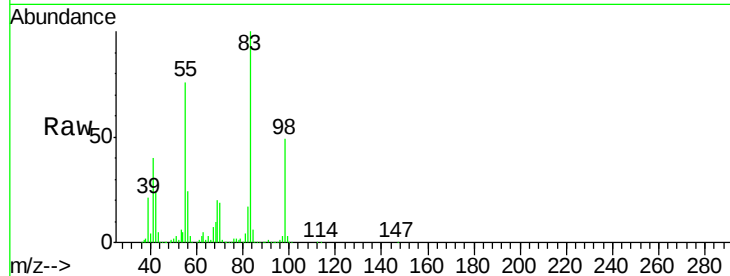
#39
Methylcyclohexane
Concen: 48.196 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	569882		
55	75.8	60.1	90.1	
98	48.8	38.8	58.2	

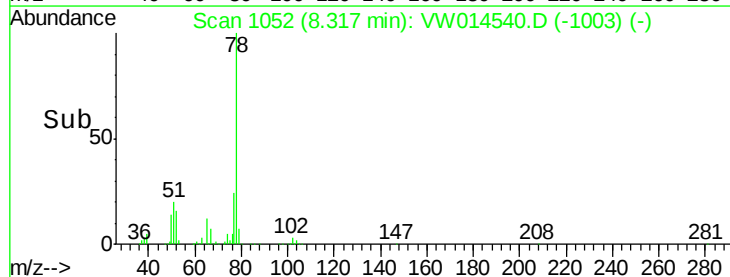
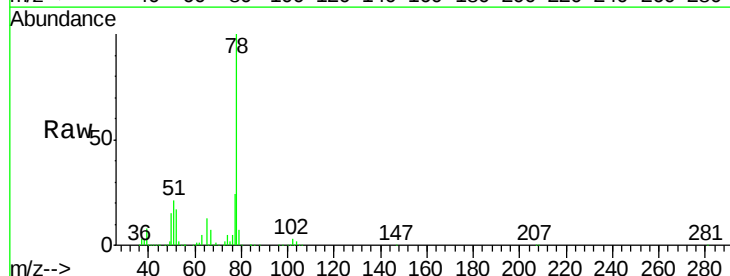
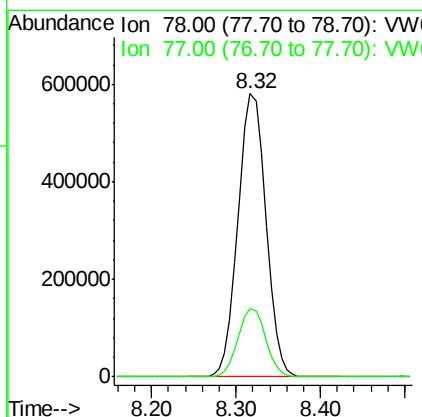
Manual Integrations
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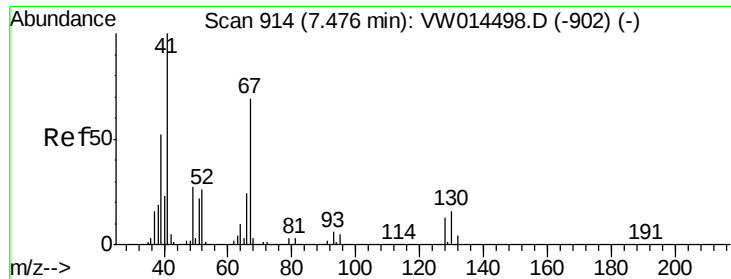
apatel
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#40
Benzene
Concen: 49.902 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1300926		
77	24.0	19.3	28.9	





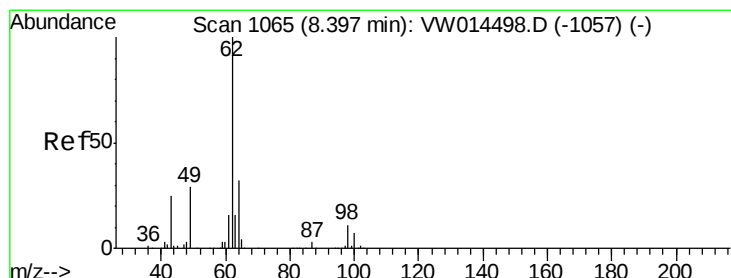
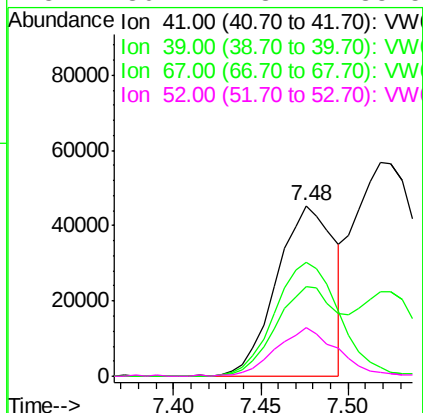
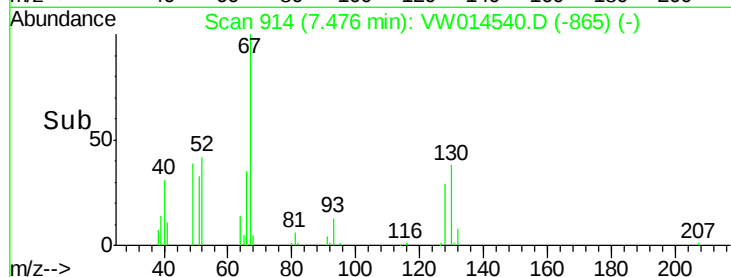
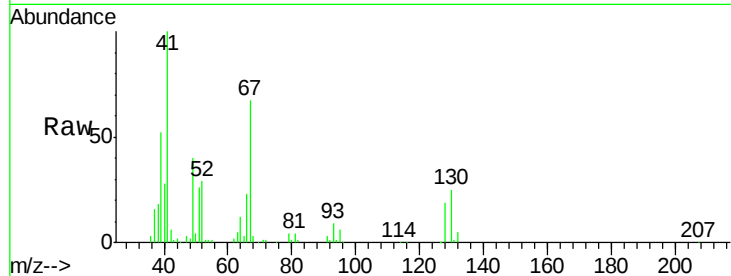
#41
Methacrylonitrile
Concen: 44.817 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.0	69.0
67	75.5	60.8	91.2
52	30.7	23.7	35.5

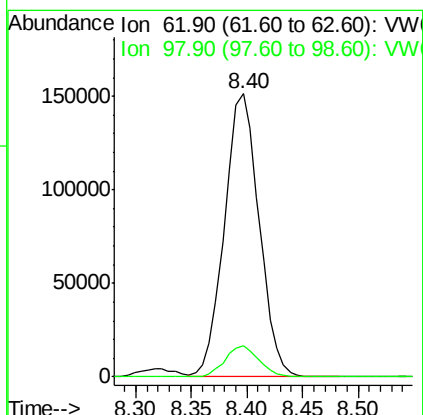
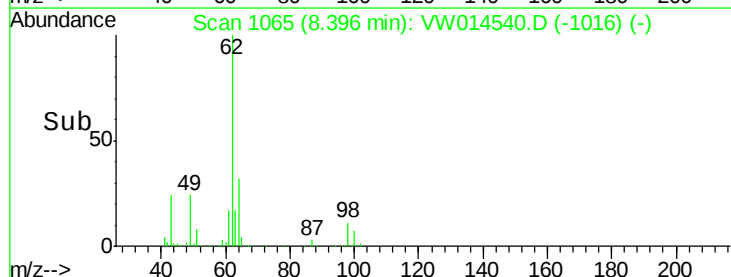
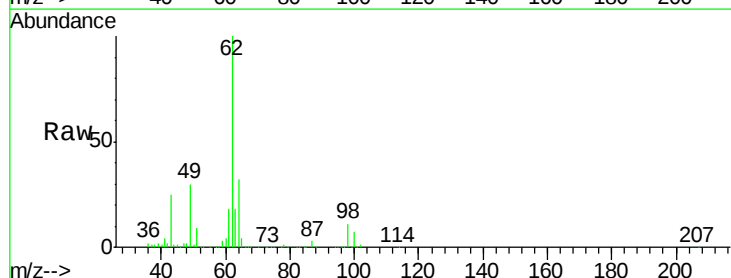
Manual Integrations
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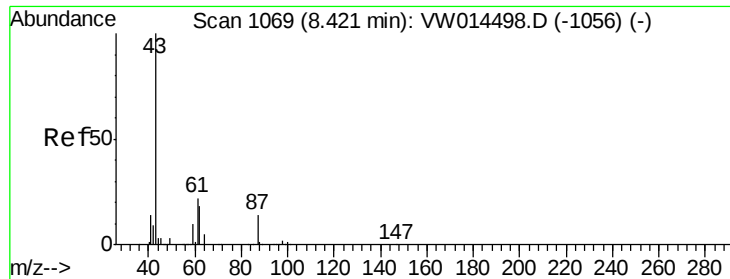
apatel
1/8/2020 9:13:42 AM



#42
1,2-Dichloroethane
Concen: 48.235 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





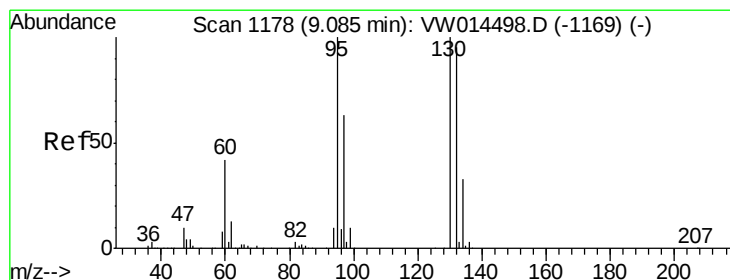
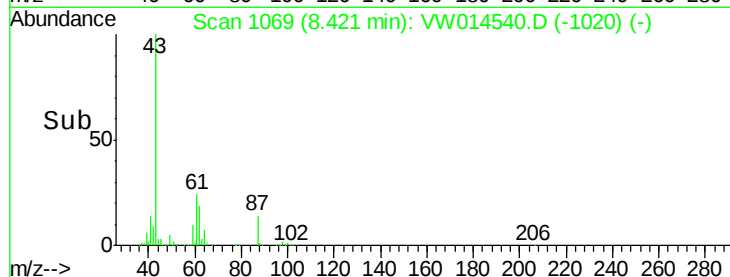
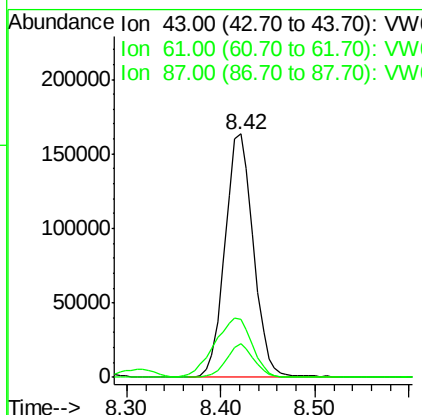
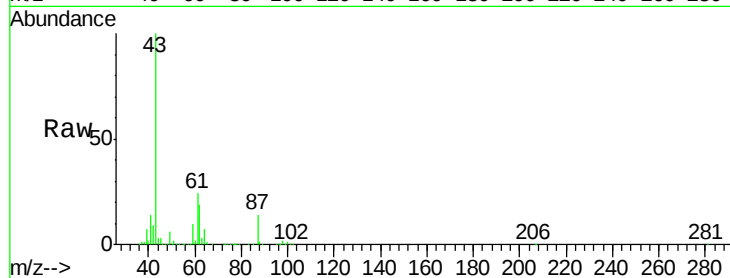
#43
Isopropyl Acetate
Concen: 44.906 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.4	24.7	37.1
87	13.3	11.1	16.7

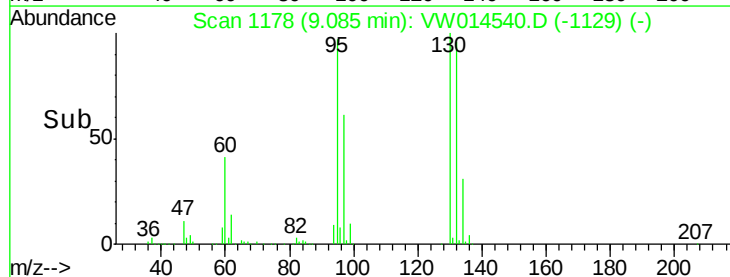
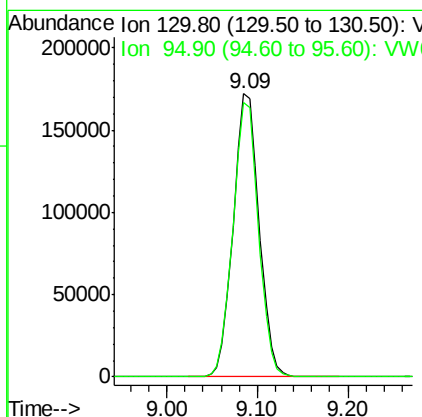
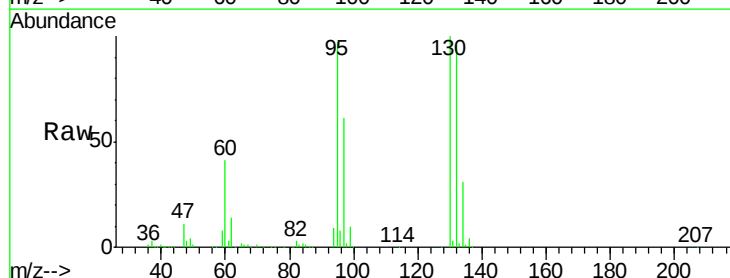
Manual Integrations
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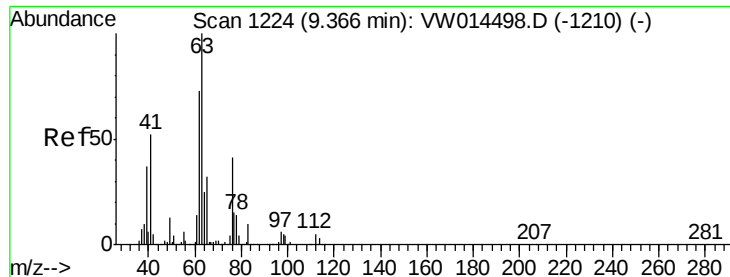
apatel
1/8/2020 9:13:42 AM



#44
Trichloroethene
Concen: 48.264 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	199.4





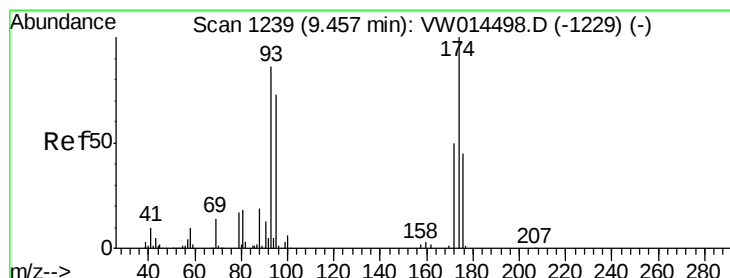
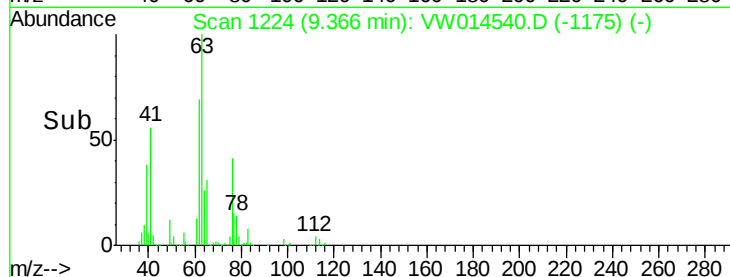
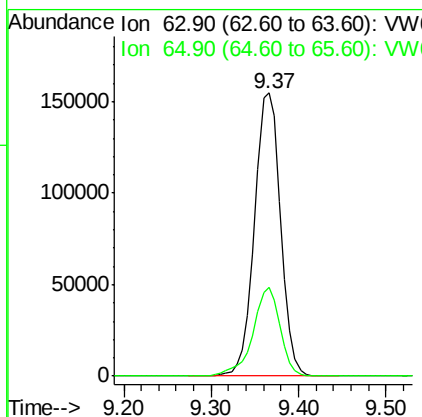
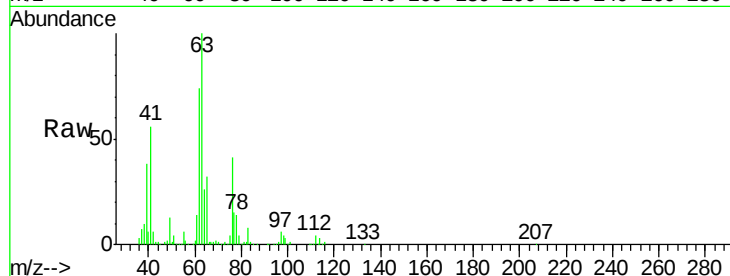
#45
 1,2-Dichloropropane
 Concen: 50.114 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.6	38.4

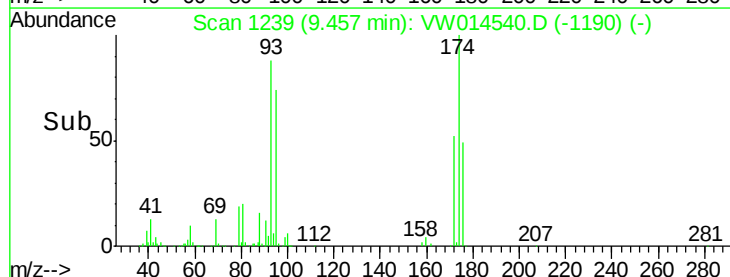
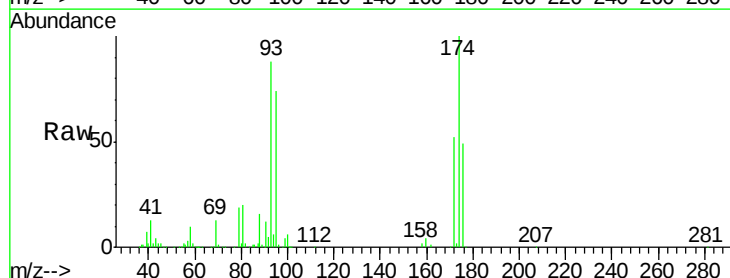
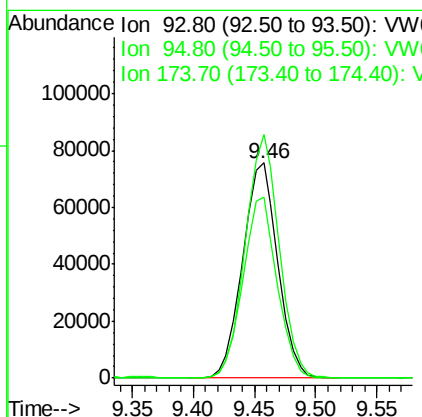
Manual Integrations
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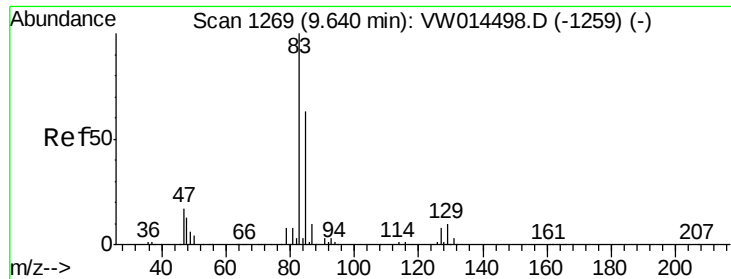
apatel
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#46
 Dibromomethane
 Concen: 47.758 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.4	99.6
174	109.4	89.1	133.7





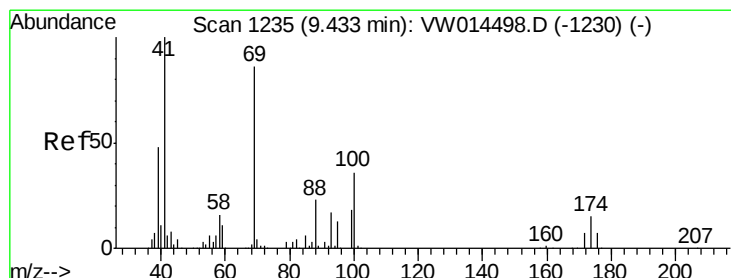
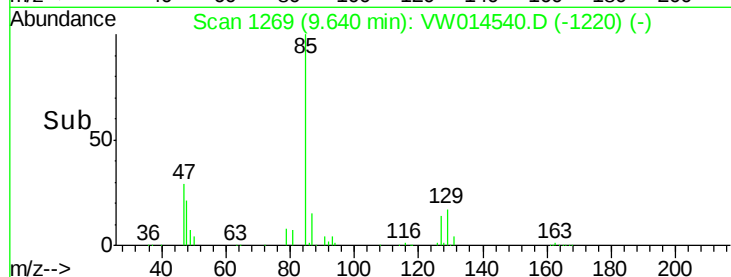
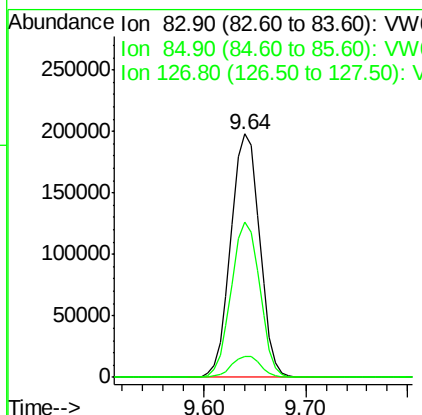
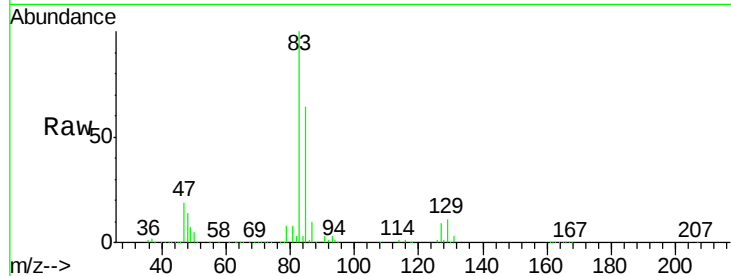
#47
Bromodichloromethane
Concen: 49.647 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.6	76.0
127	8.7	6.6	9.8

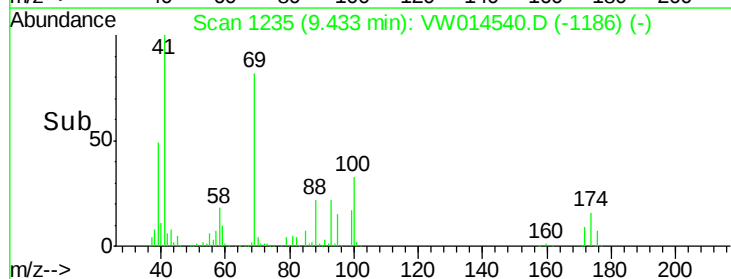
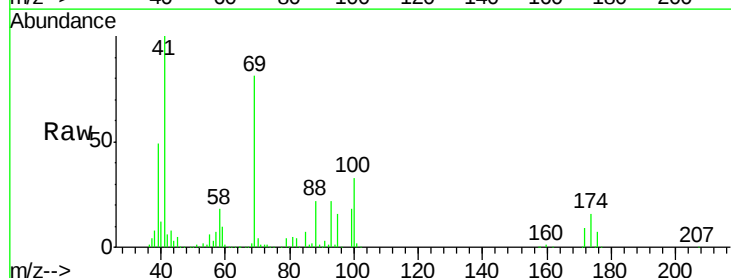
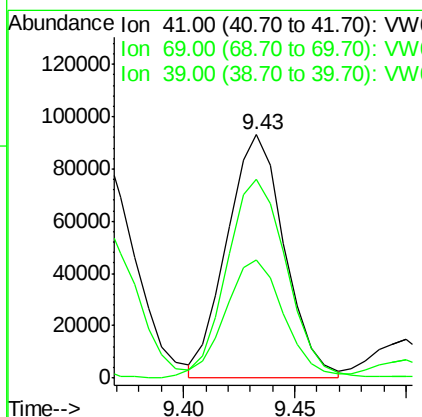
Manual Integrations
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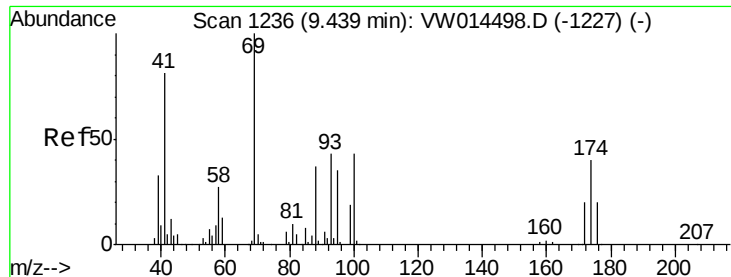
apatel
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#48
Methyl methacrylate
Concen: 45.087 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.5	68.3	102.5
39	45.1	36.8	55.2





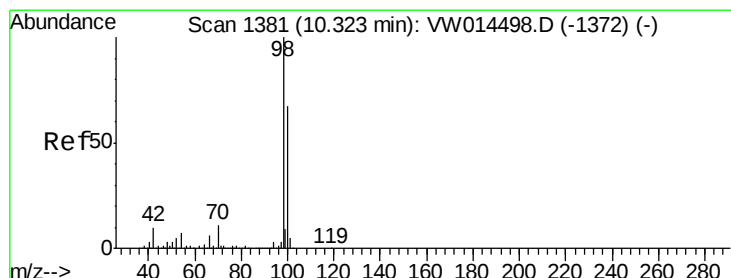
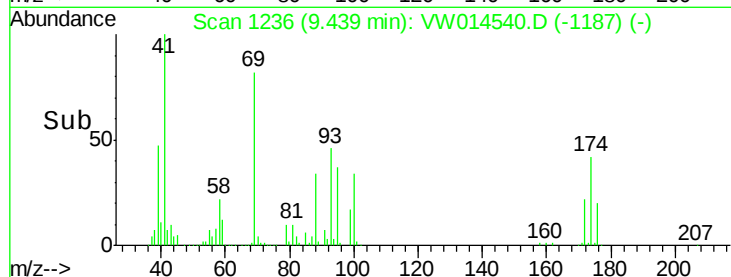
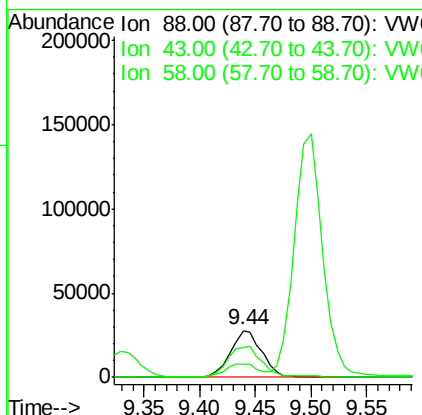
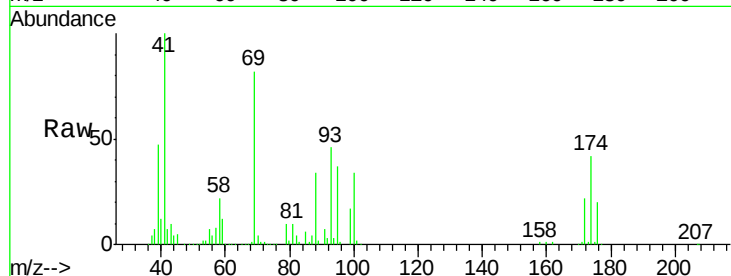
#49
1,4-Dioxane
Concen: 915.751 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	54091		
43	30.7	24.9	37.3	
58	71.9	56.9	85.3	

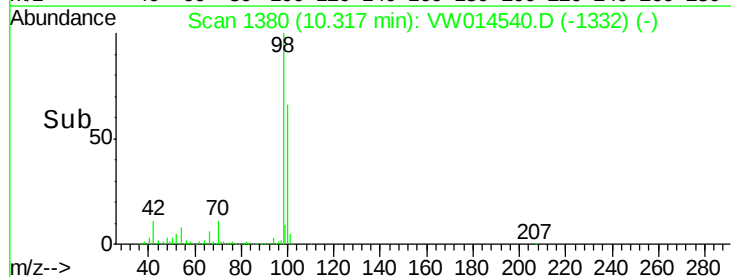
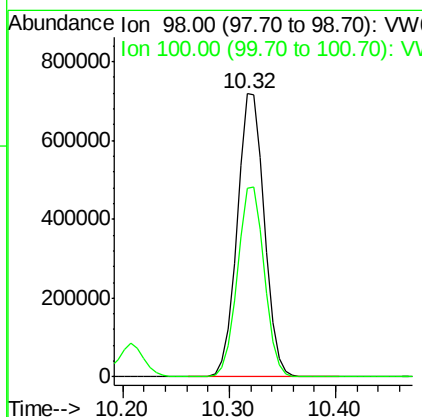
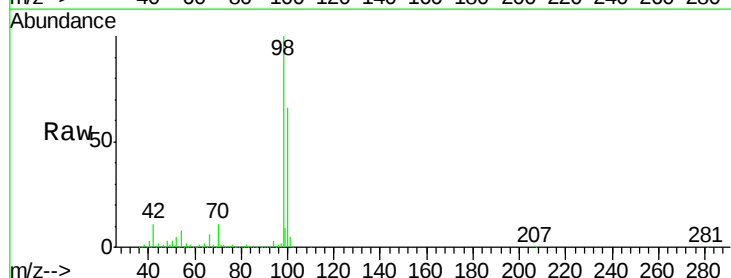
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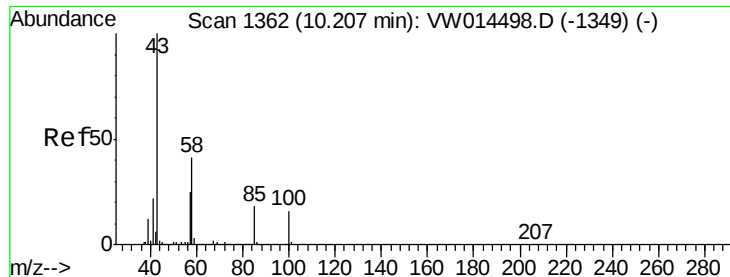
apatel
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#50
Toluene-d8
Concen: 56.405 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1285787		
100	66.6	53.8	80.6	





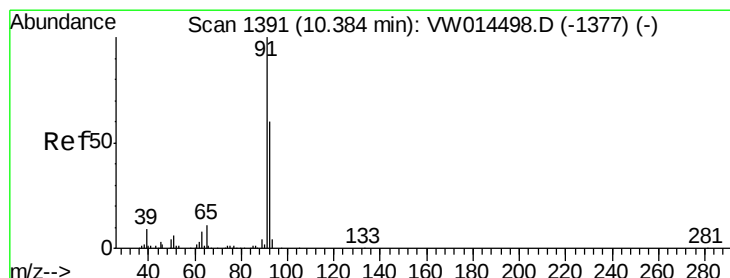
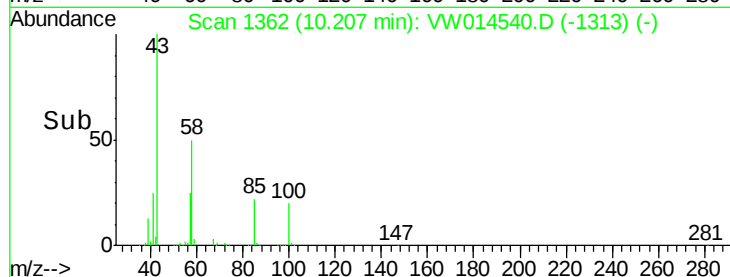
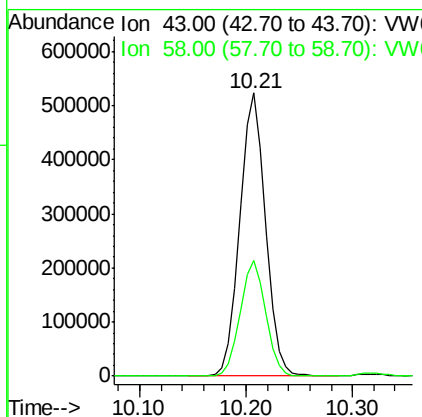
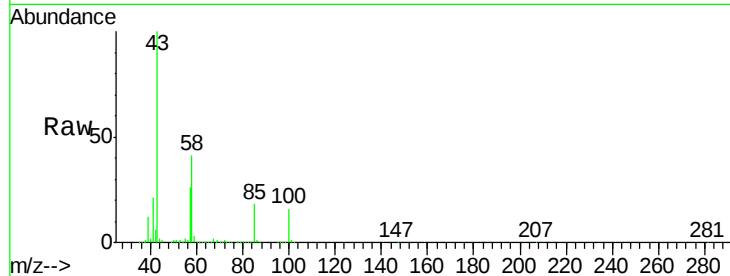
#51
4-Methyl-2-Pentanone
Concen: 225.618 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 889070
Ion Ratio Lower Upper
43 100
58 40.7 32.7 49.1

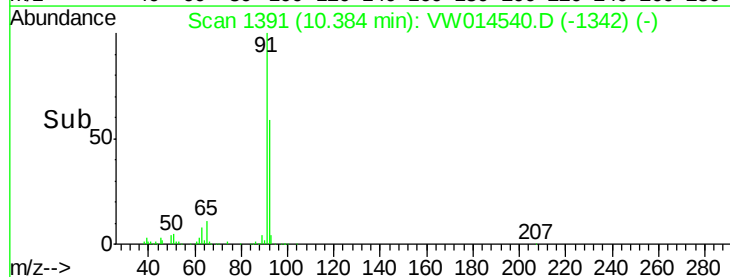
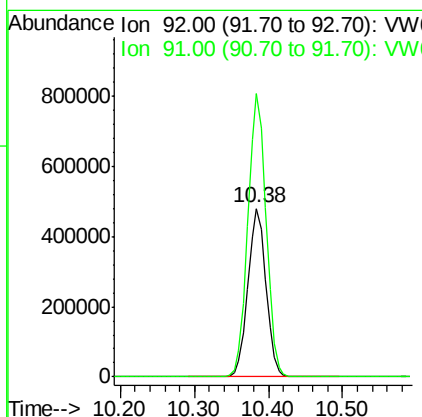
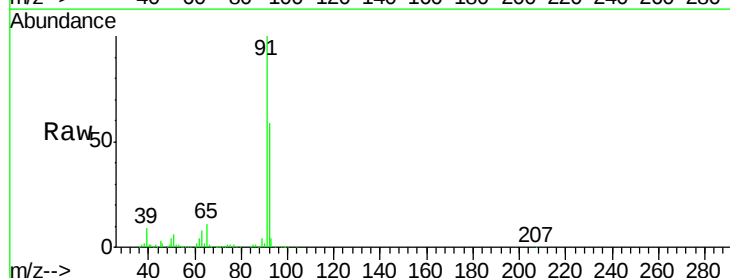
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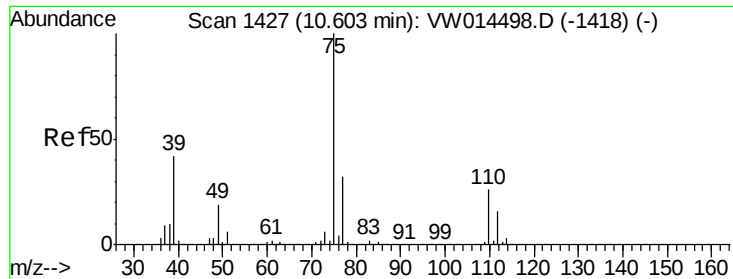
apatel
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#52
Toluene
Concen: 49.966 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 92 Resp: 819478
Ion Ratio Lower Upper
92 100
91 169.7 134.1 201.1





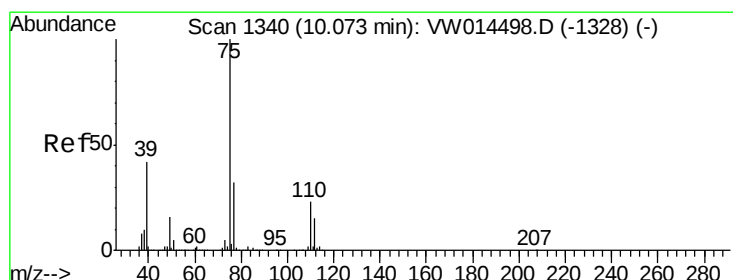
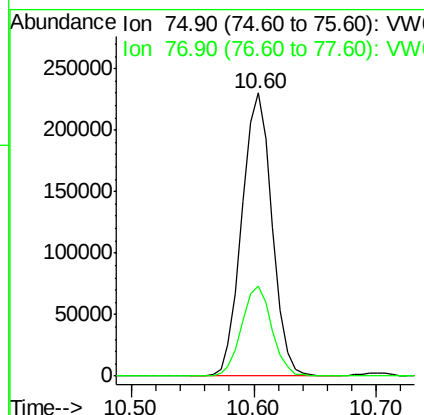
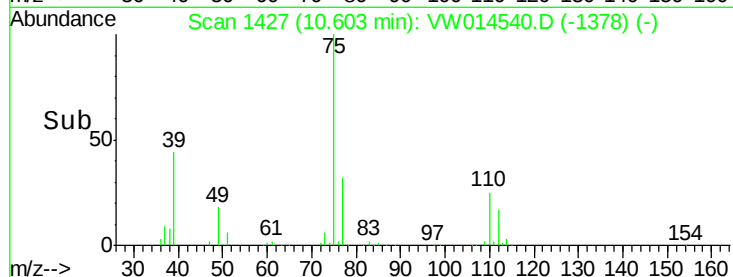
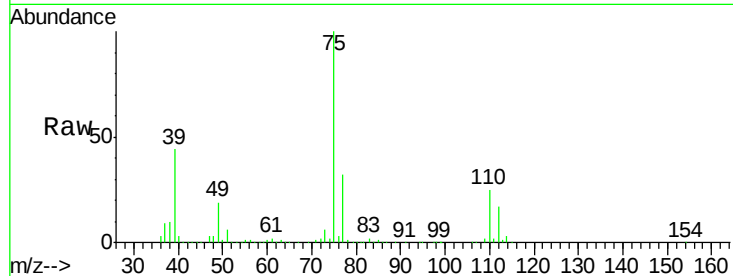
#53
t-1,3-Dichloropropene
Concen: 48.836 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 75 Resp: 394243
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

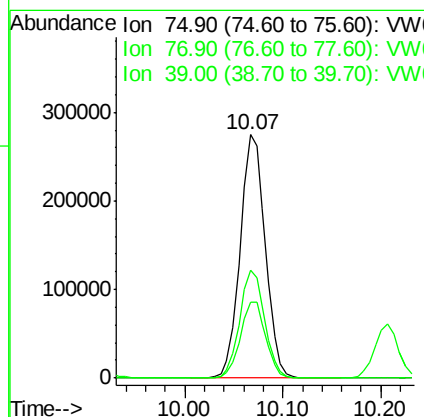
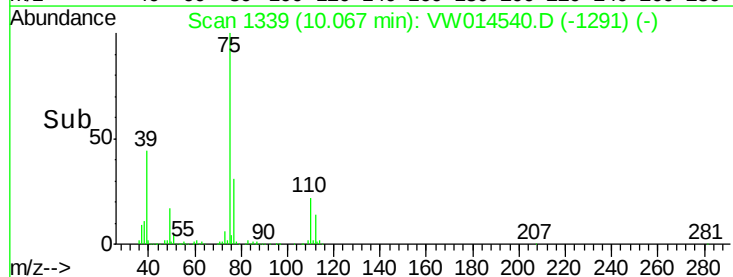
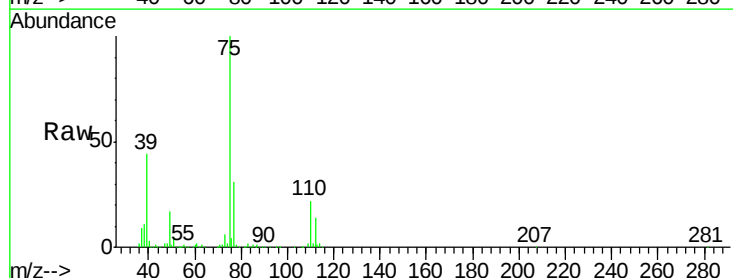
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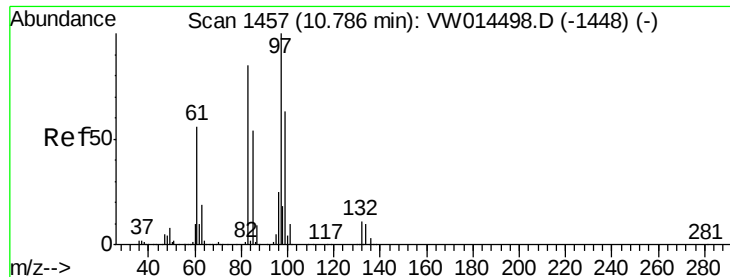
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#54
cis-1,3-Dichloropropene
Concen: 49.539 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 75 Resp: 488771
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 44.2 33.4 50.2





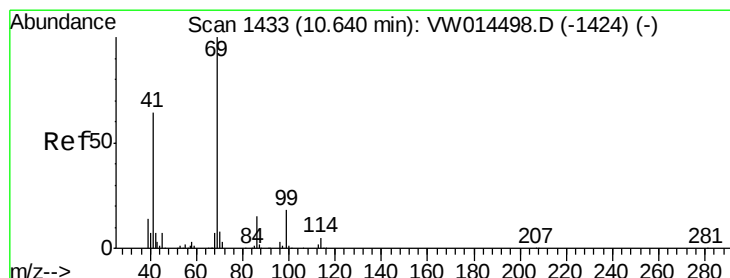
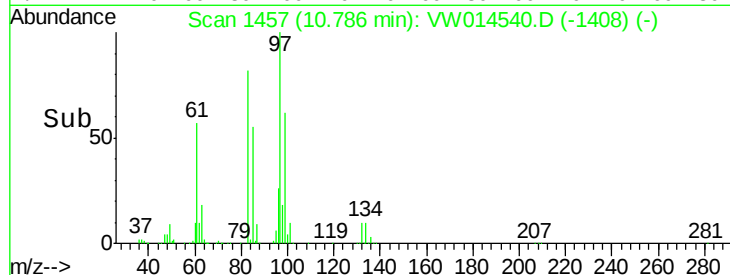
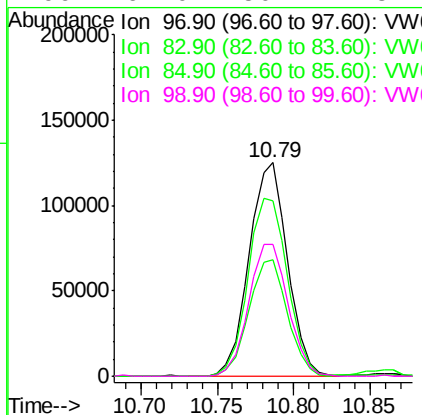
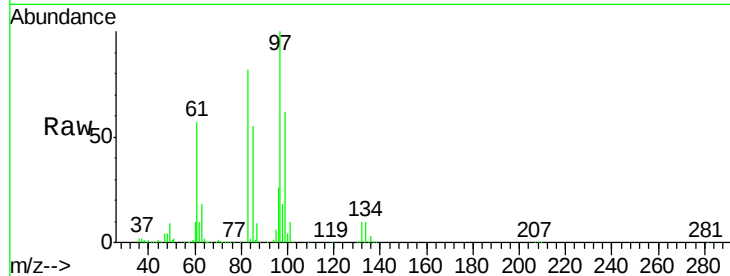
#55
 1,1,2-Trichloroethane
 Concen: 47.115 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	217309		
83	82.1	68.2	102.4	
85	54.7	43.0	64.4	
99	62.0	50.1	75.1	

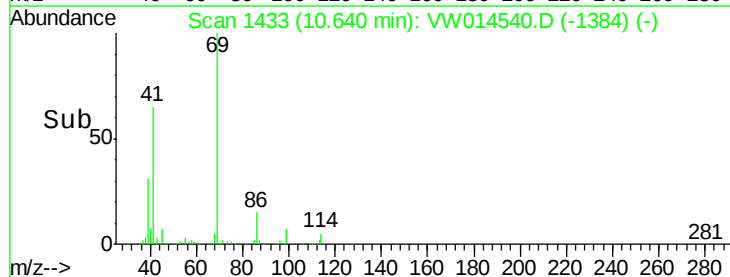
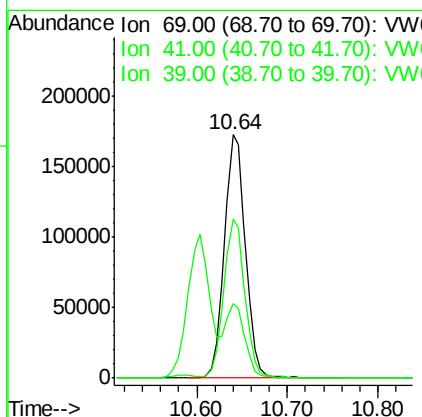
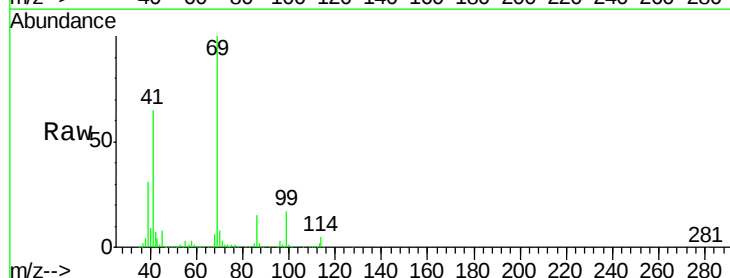
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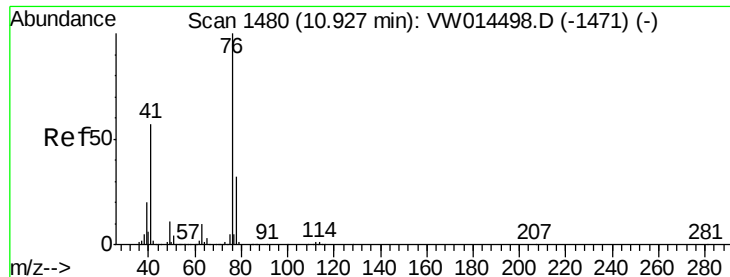
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#56
 Ethyl methacrylate
 Concen: 46.549 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	279023		
41	65.0	51.3	76.9	
39	26.1	21.0	31.6	





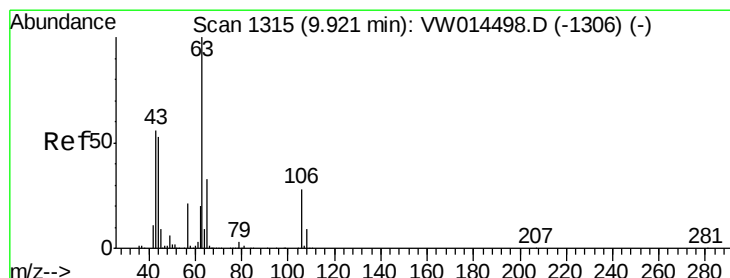
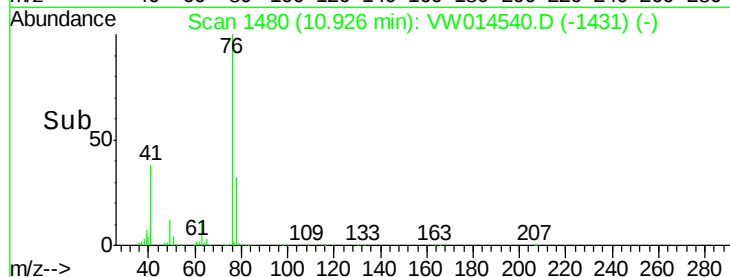
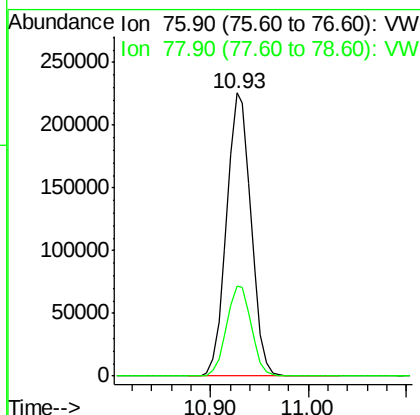
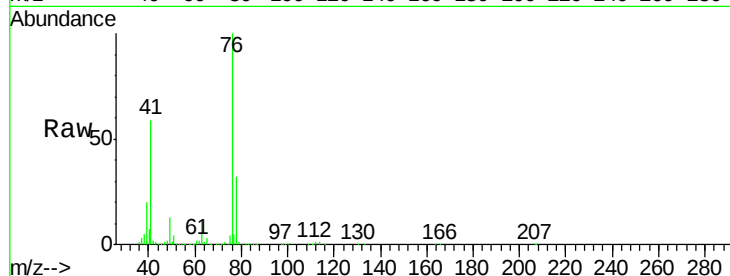
#57
 1,3-Dichloropropane
 Concen: 48.175 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 76 Resp: 390522
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9

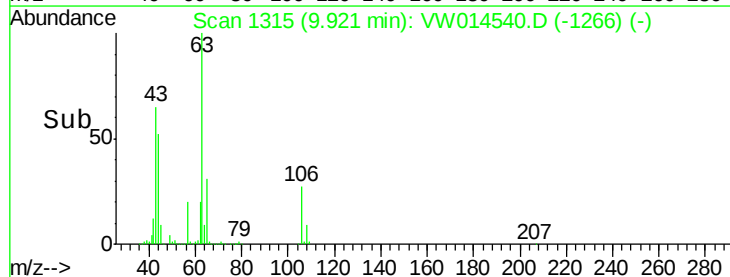
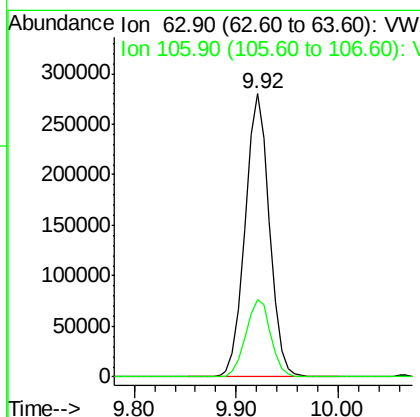
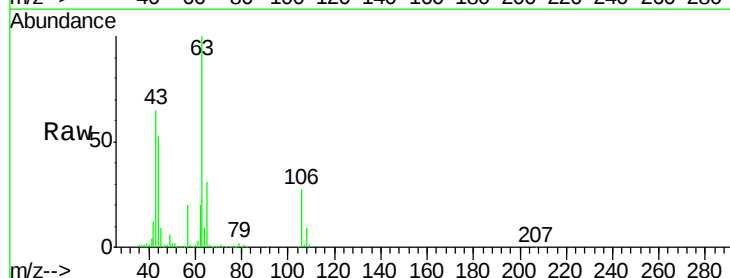
Manual Integrations
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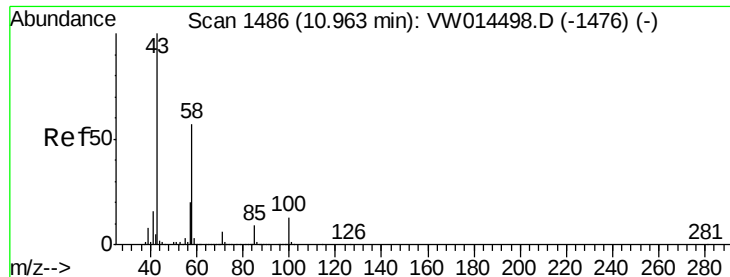
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 254.443 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion: 63 Resp: 463857
 Ion Ratio Lower Upper
 63 100
 106 28.1 23.0 34.6





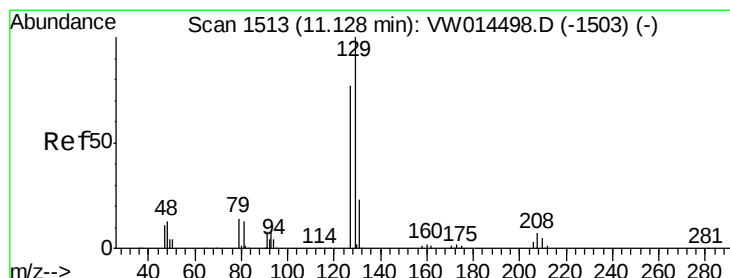
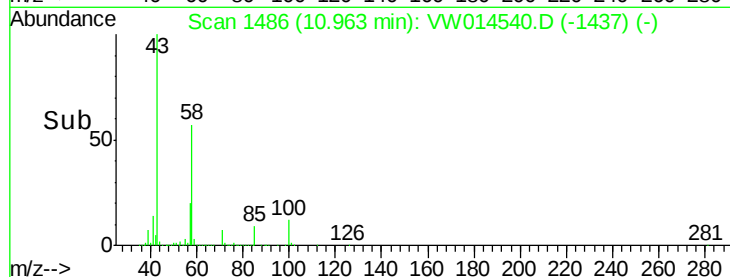
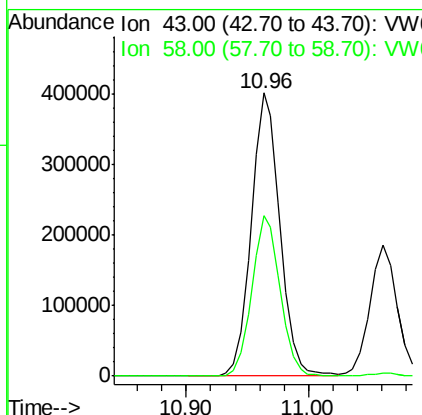
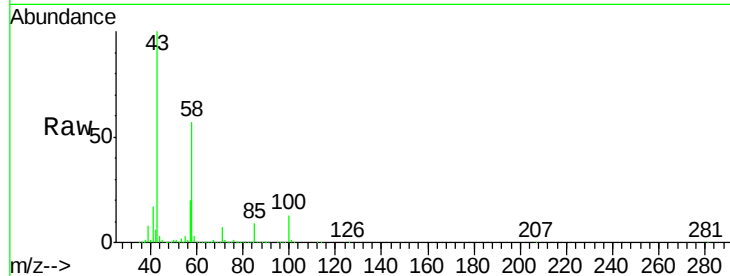
#59
2-Hexanone
Concen: 240.853 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 654016
Ion Ratio Lower Upper
43 100
58 56.2 28.7 86.3

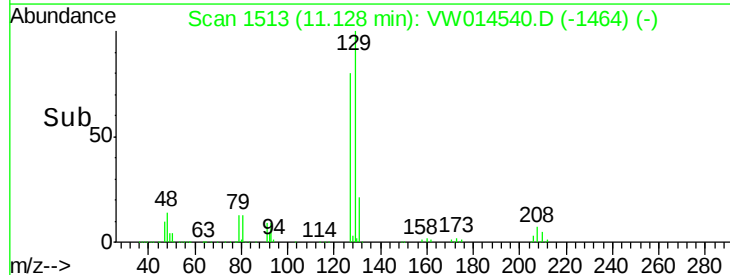
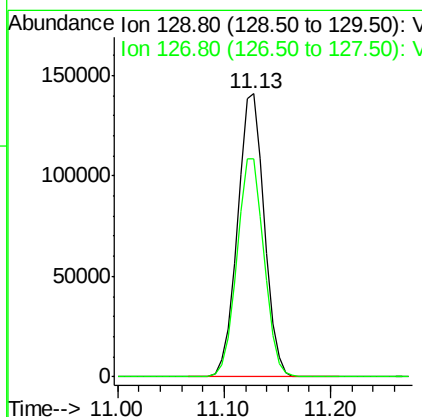
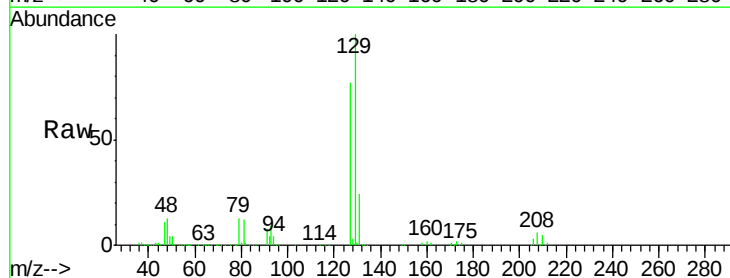
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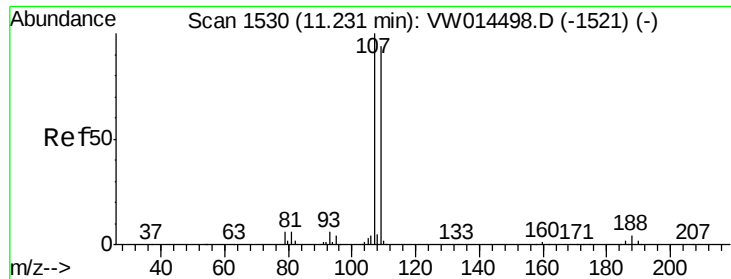
apatel
1/8/2020 9:13:42 AM



#60
Dibromochloromethane
Concen: 47.886 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 129 Resp: 249205
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.5





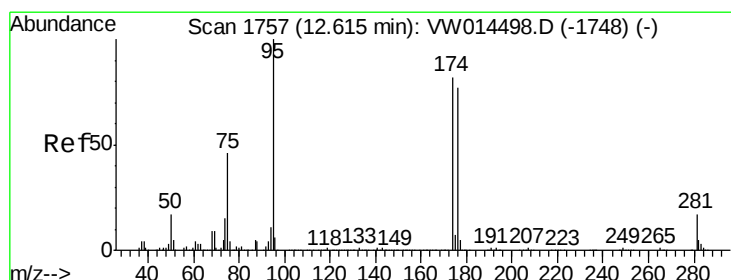
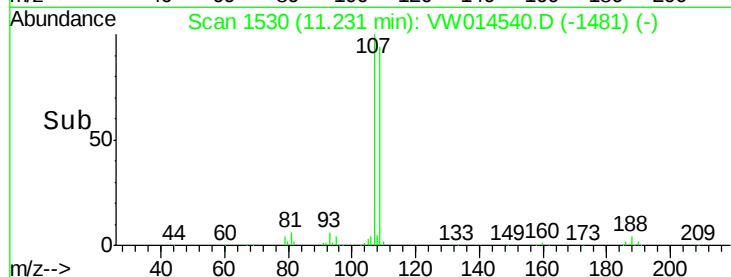
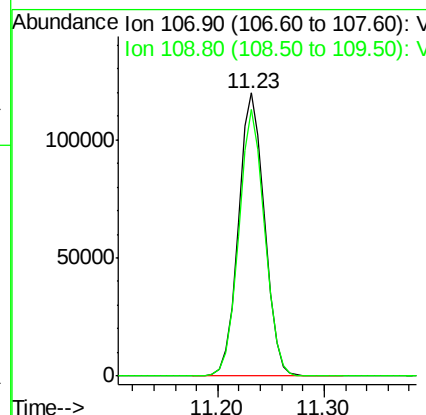
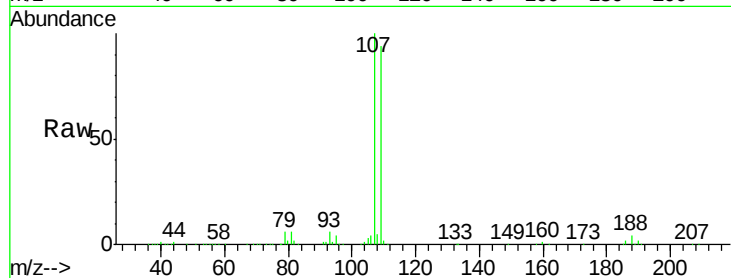
#61
1,2-Dibromoethane
Concen: 46.884 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.1	112.7

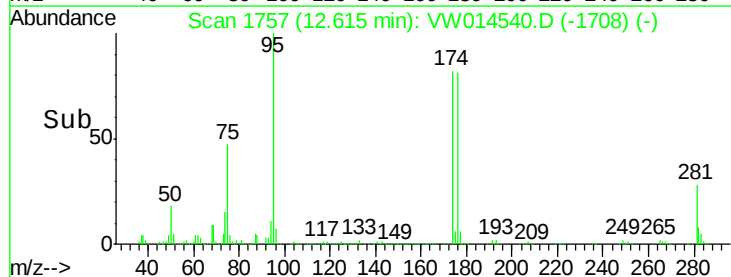
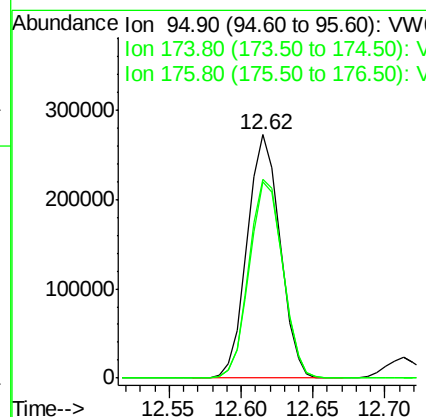
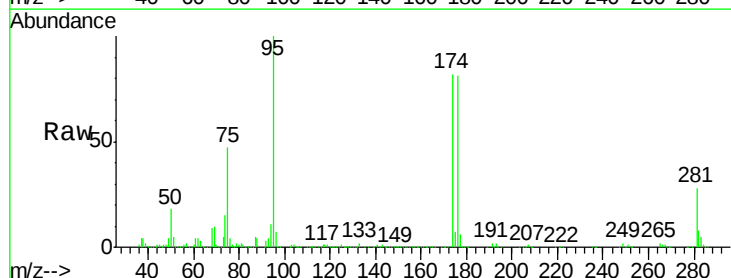
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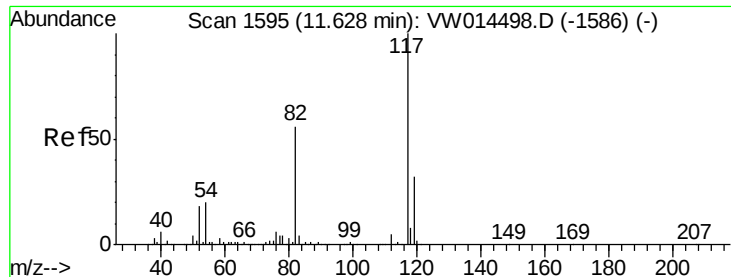
apatel
1/8/2020 9:13:42 AM



#62
4-Bromofluorobenzene
Concen: 55.772 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	168.6
176	81.9	0.0	162.0





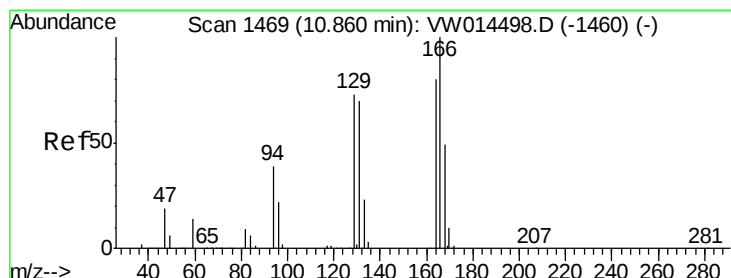
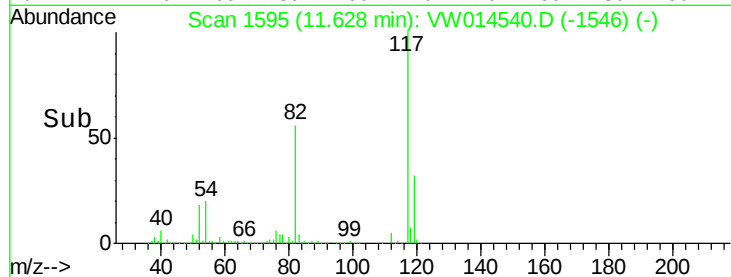
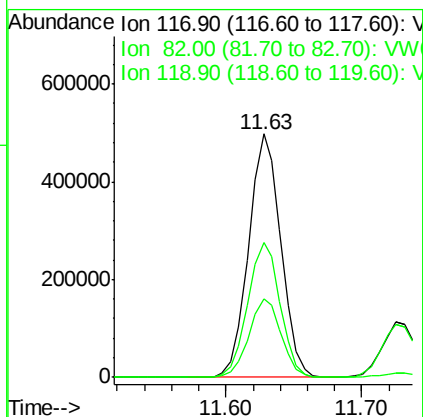
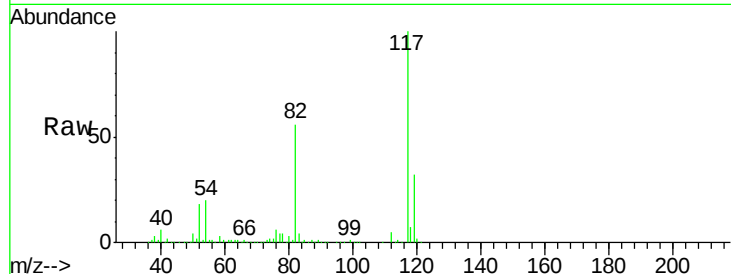
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	825684		
82	55.5	44.6	67.0	
119	32.0	25.7	38.5	

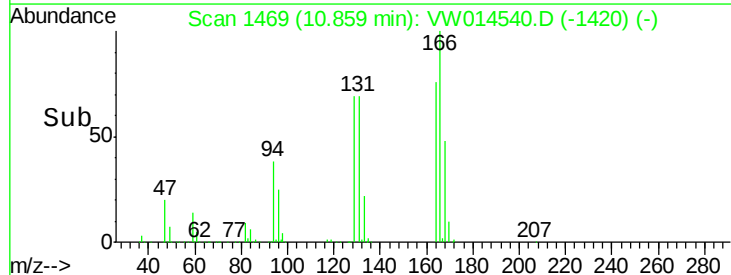
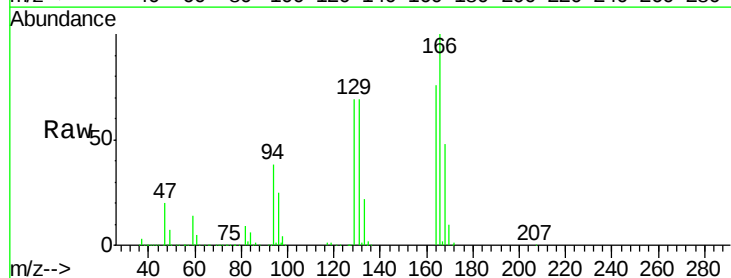
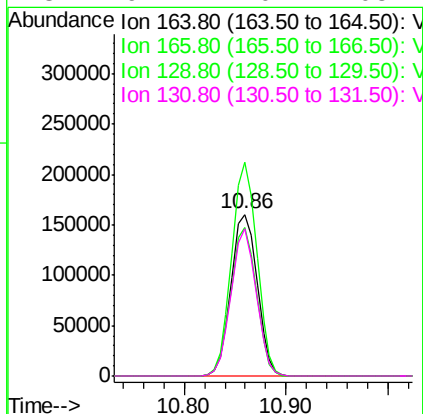
Manual Integrations
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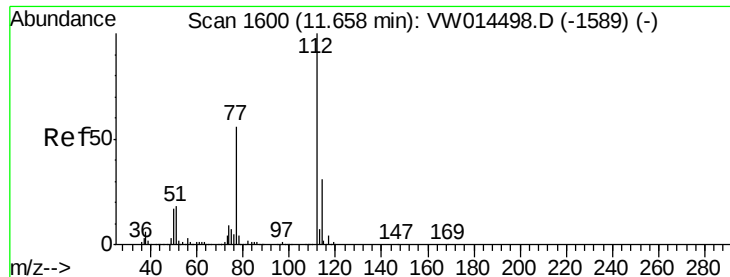
apatel
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#64
Tetrachloroethene
Concen: 47.573 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	284373		
166	132.4	99.8	149.6	
129	91.7	72.4	108.6	
131	91.1	70.1	105.1	





#65

Chlorobenzene

Concen: 48.579 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 821743

Ion Ratio Lower Upper

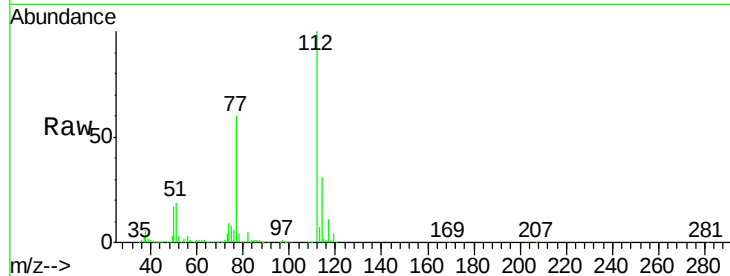
112 100

114 31.1 24.6 37.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.65

500000

400000

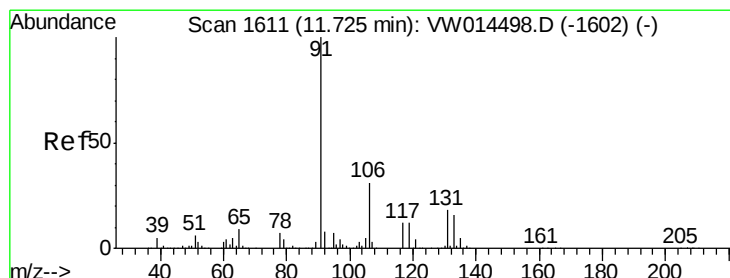
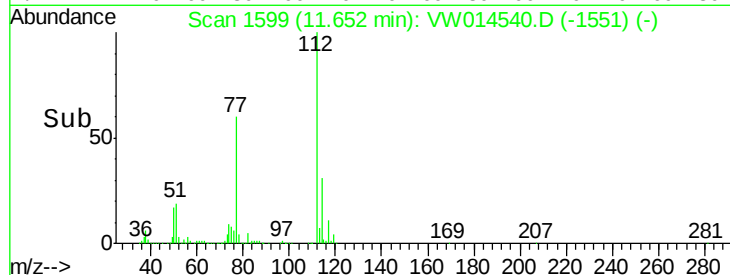
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.869 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

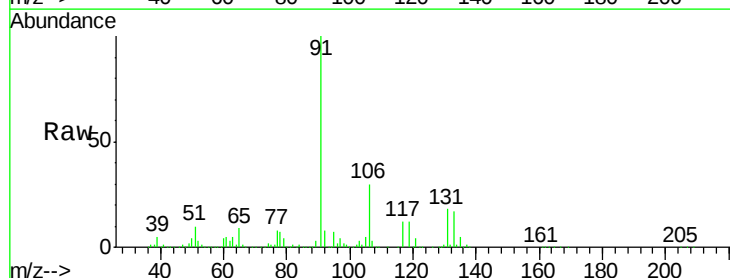
Tgt Ion:131 Resp: 284026

Ion Ratio Lower Upper

131 100

133 94.4 47.3 142.0

119 66.3 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

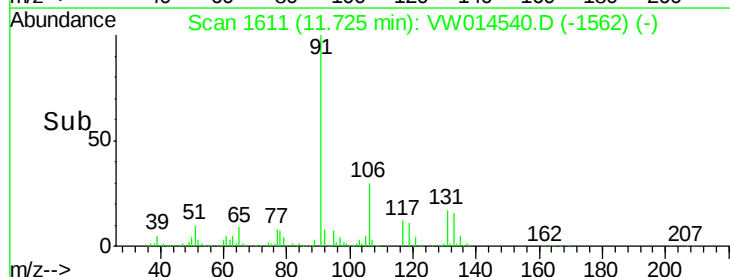
150000

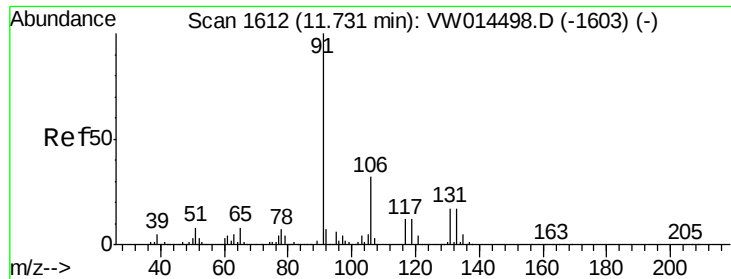
100000

50000

0

Time-->





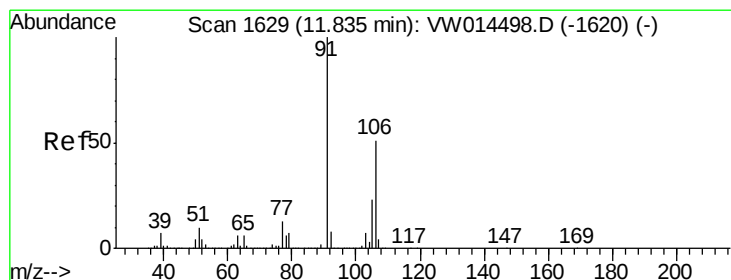
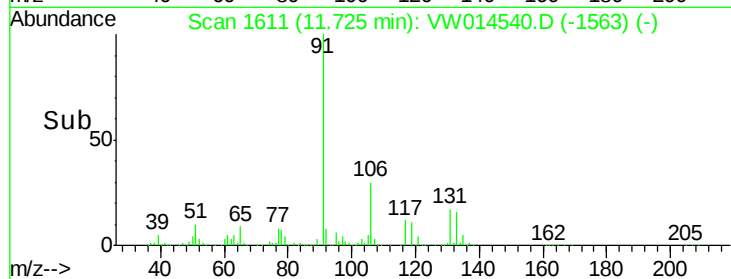
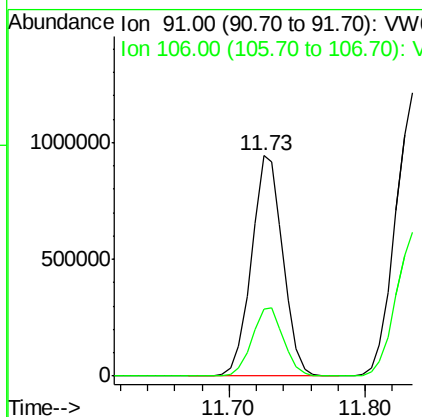
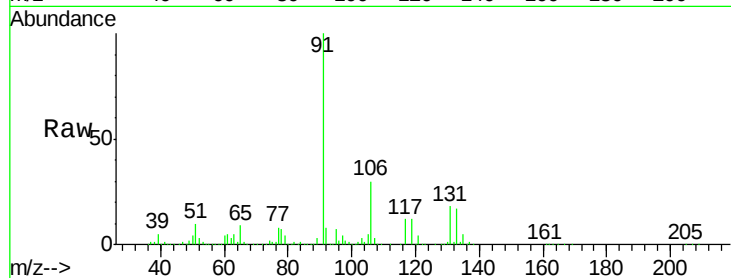
#67
Ethyl Benzene
Concen: 49.940 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 1522414
Ion Ratio Lower Upper
91 100
106 30.2 25.5 38.3

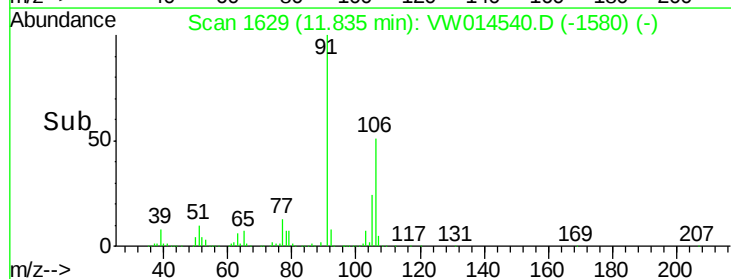
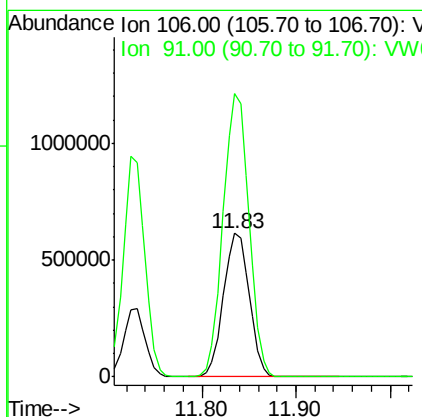
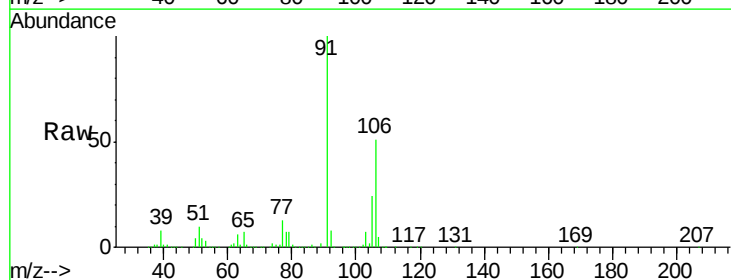
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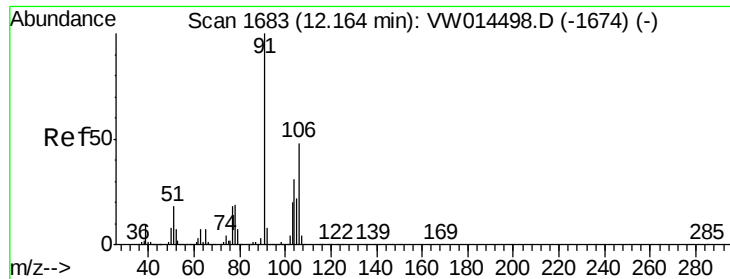
apatel
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#68
m/p-Xylenes
Concen: 99.922 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 106 Resp: 1165812
Ion Ratio Lower Upper
106 100
91 197.6 159.0 238.6





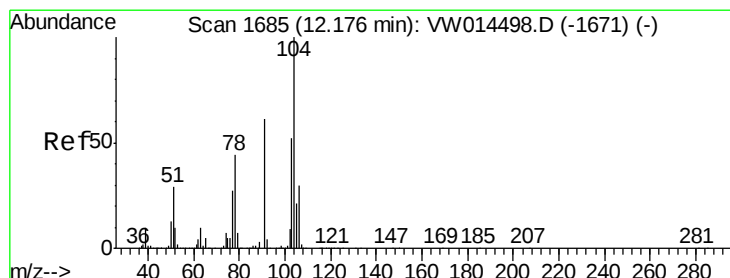
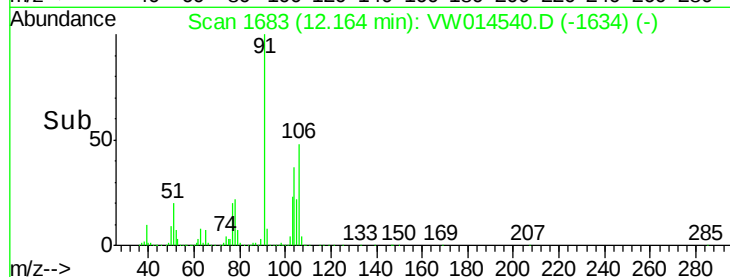
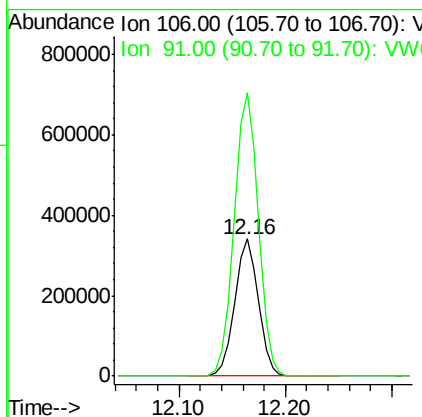
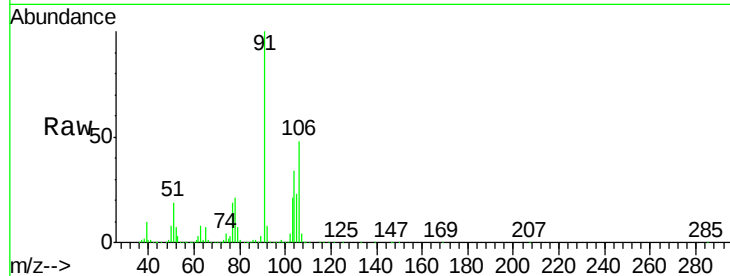
#69
o-Xylene
Concen: 49.326 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 531596
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.6

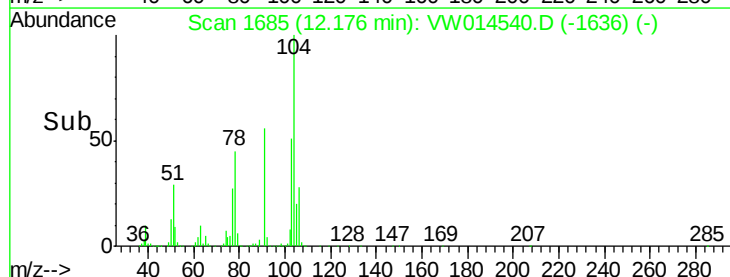
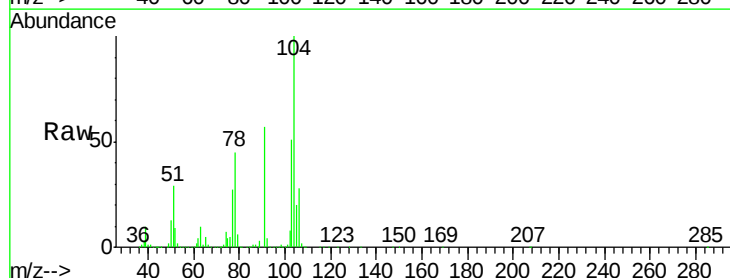
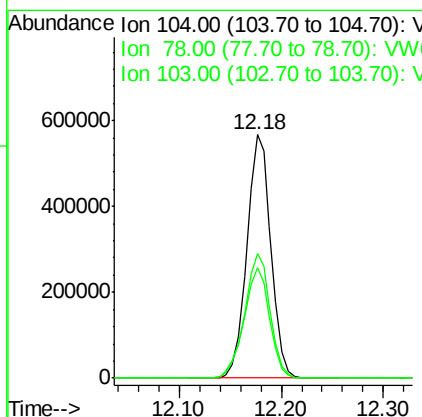
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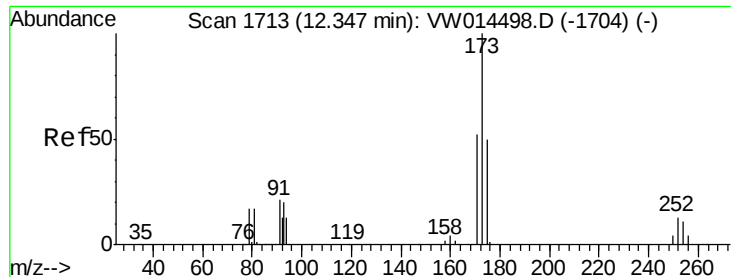
apatel
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#70
Styrene
Concen: 50.690 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion:104 Resp: 924009
Ion Ratio Lower Upper
104 100
78 48.7 38.4 57.6
103 54.2 43.7 65.5





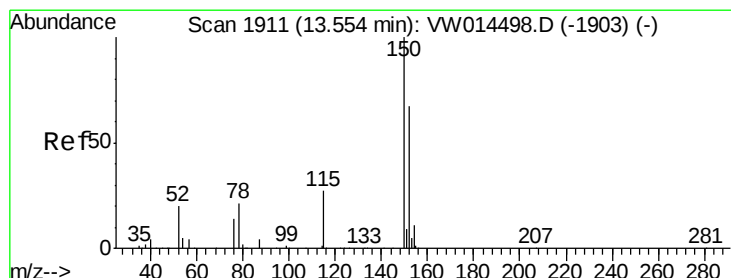
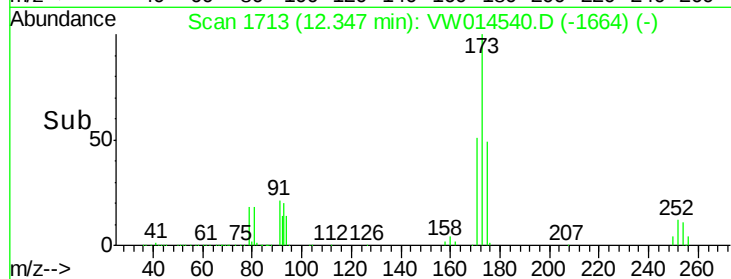
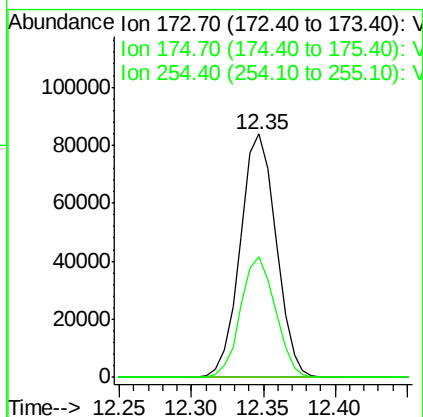
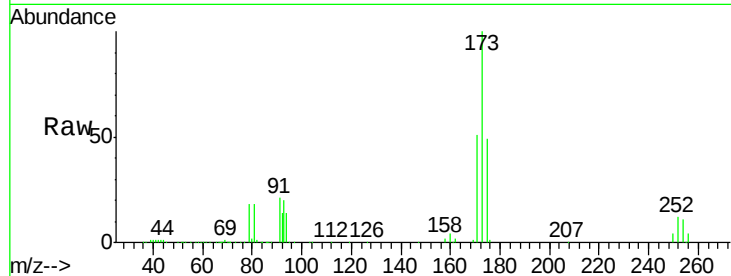
#71
Bromoform
Concen: 46.661 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.5	73.5
254	0.2	0.0	0.0

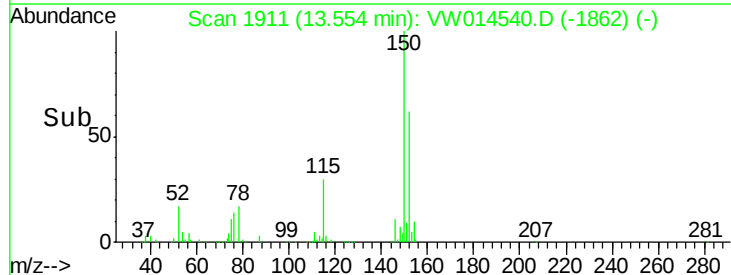
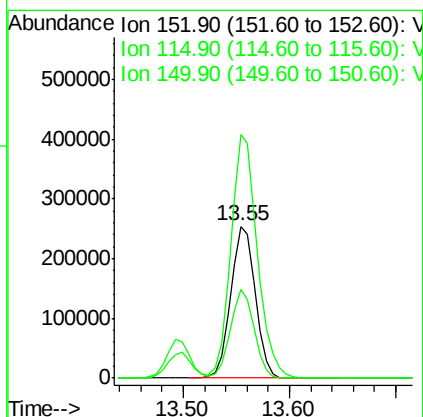
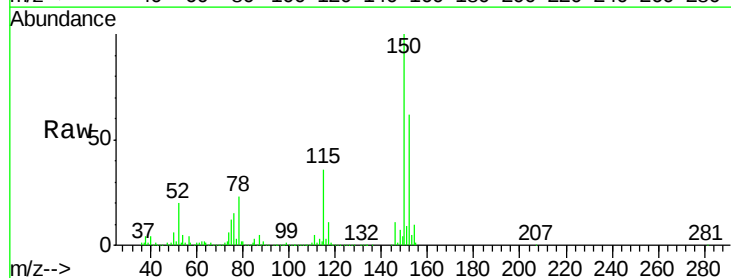
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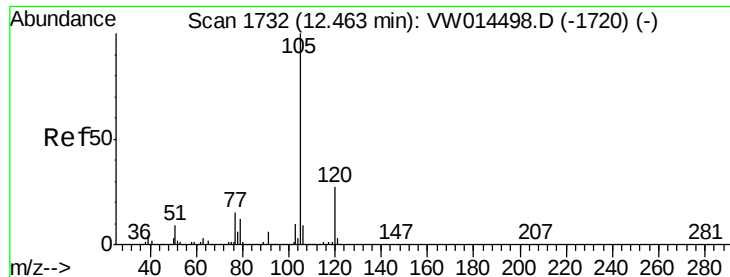
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.7	83.1
150	172.8	0.0	343.4





#73

Isopropylbenzene

Concen: 49.196 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1477466

Ion Ratio Lower Upper

105 100

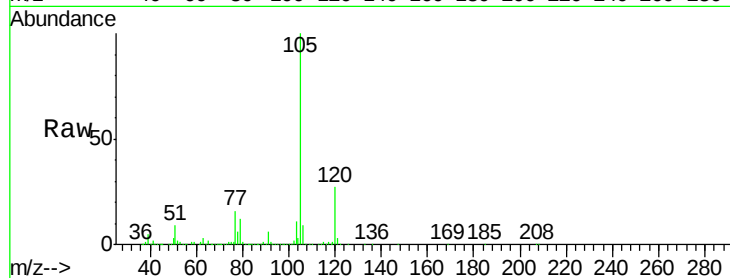
120 26.4 13.4 40.1

Manual Integrations

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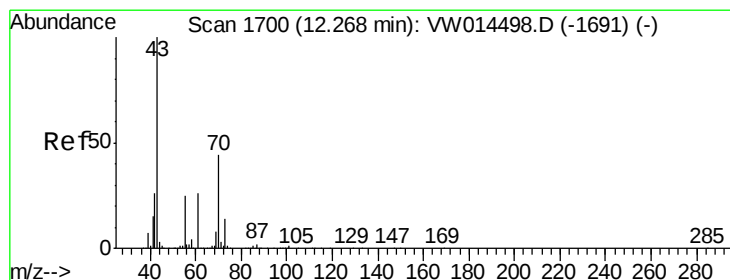
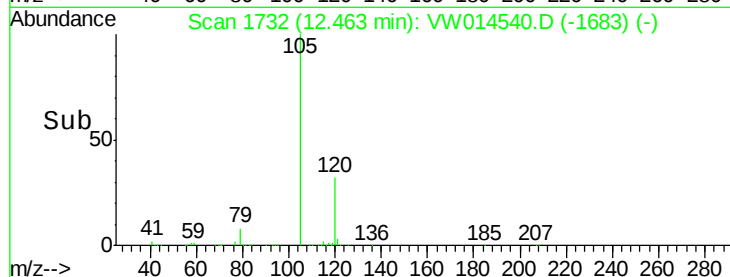
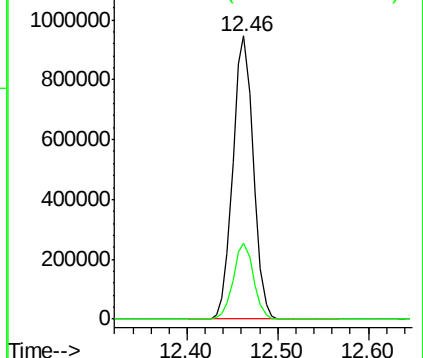
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.209 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Tgt Ion: 43 Resp: 304426

Ion Ratio Lower Upper

43 100

70 44.6 36.5 54.7

55 26.7 20.9 31.3

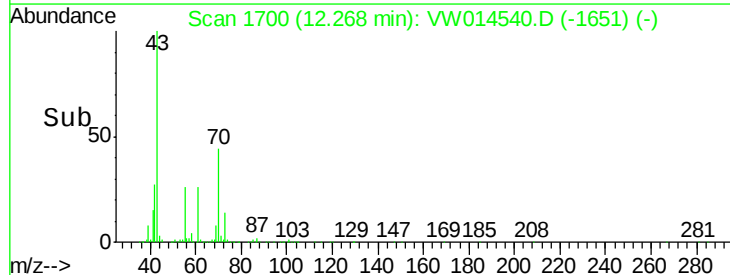
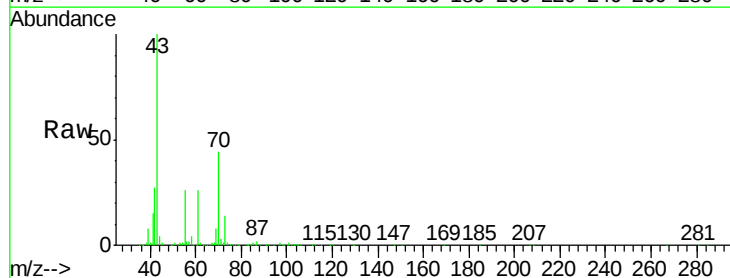
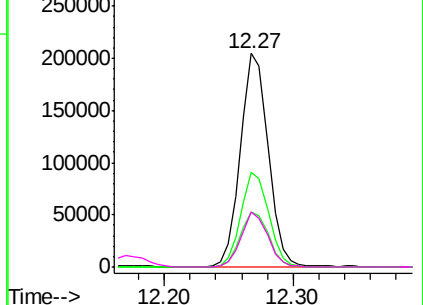
61 24.9 20.7 31.1

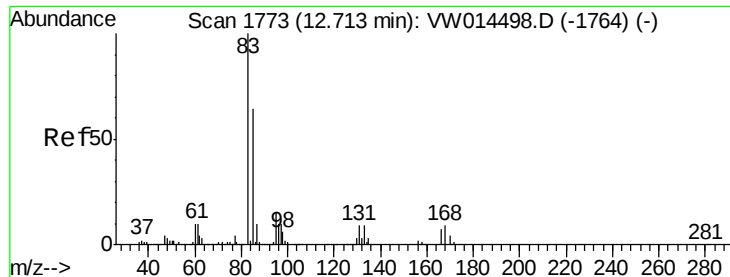
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 44.884 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

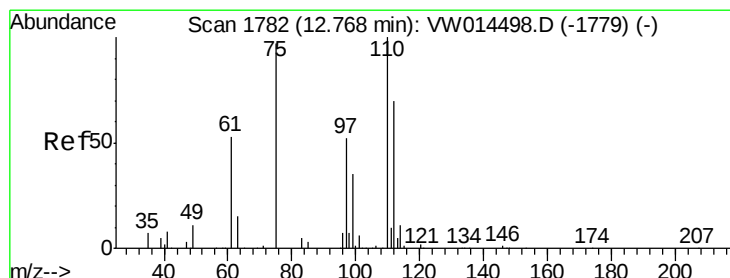
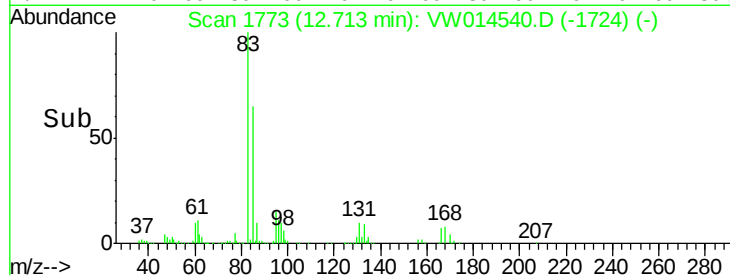
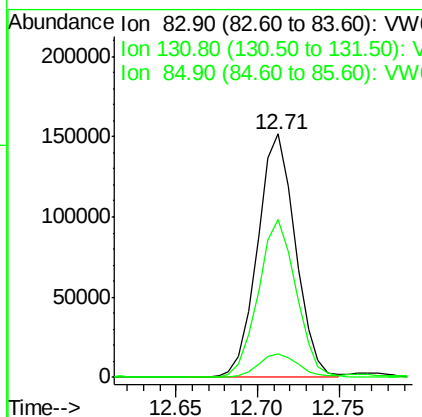
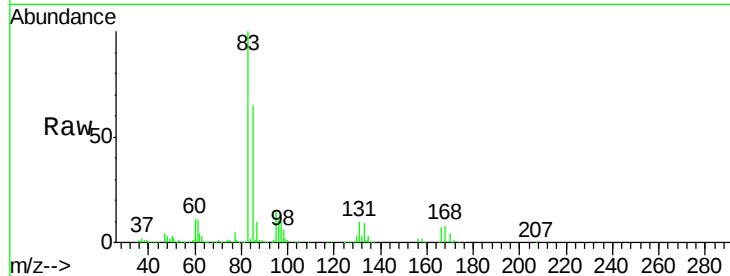
ClientSampled :

VSTDCCC050

Tgt Ion:	83	Resp:	243303
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	65.1	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.064 ug/l m

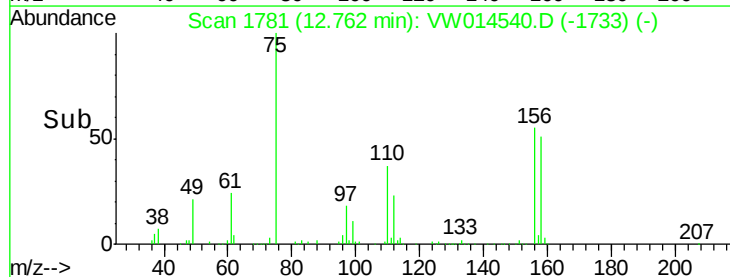
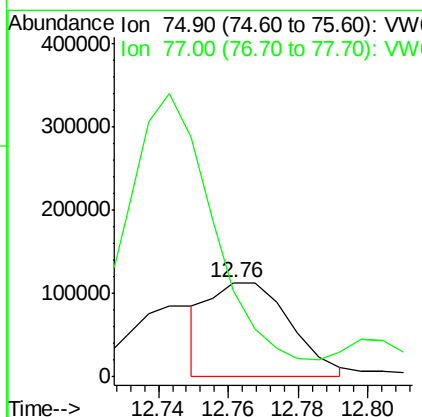
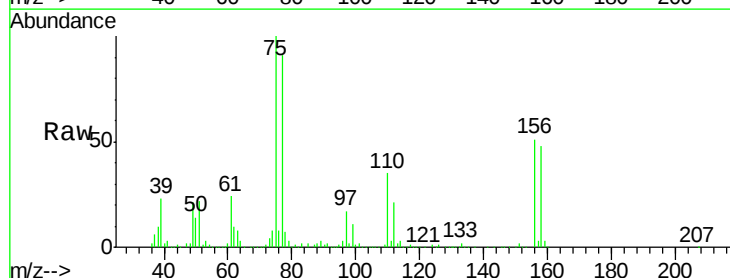
RT: 12.76 min Scan# 1781

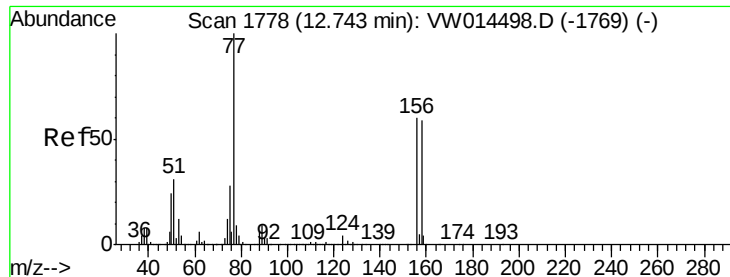
Delta R.T. -0.01 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Tgt Ion:	75	Resp:	182128
Ion Ratio	Lower	Upper	
75	100		
77	339.6	0.0	0.0#





#77

Bromobenzene

Concen: 48.362 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 156 Resp: 337338

Ion Ratio Lower Upper

156 100

77 183.3 92.3 277.1

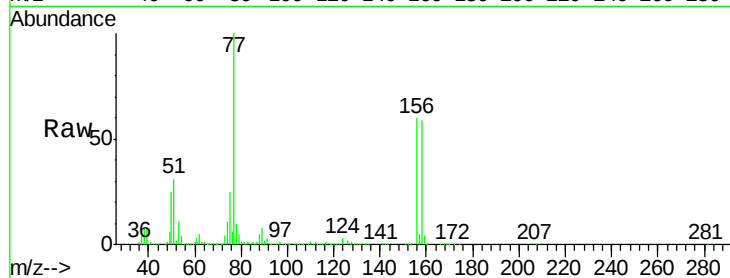
158 97.7 48.6 145.9

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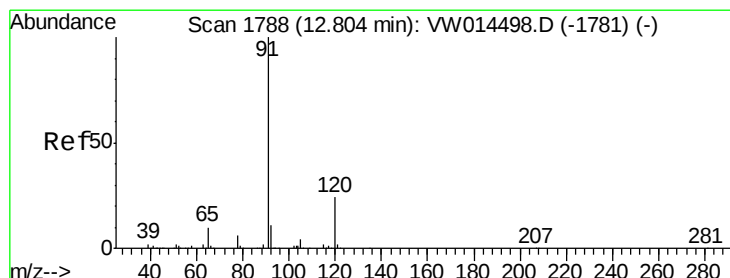
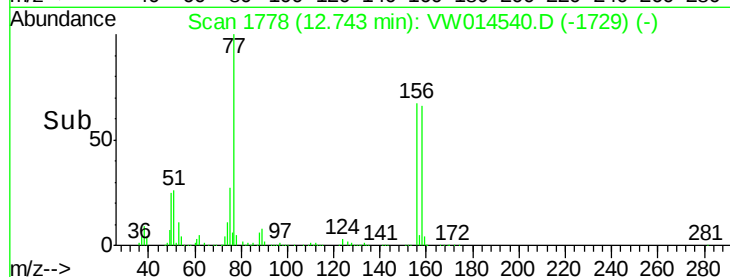
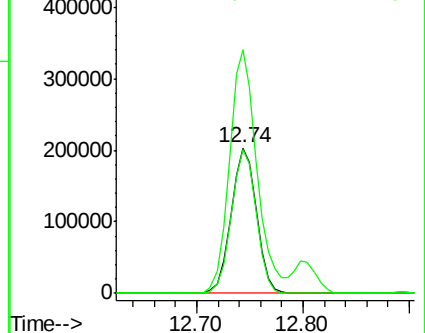
1/8/2020 9:13:42 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.879 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014540.D

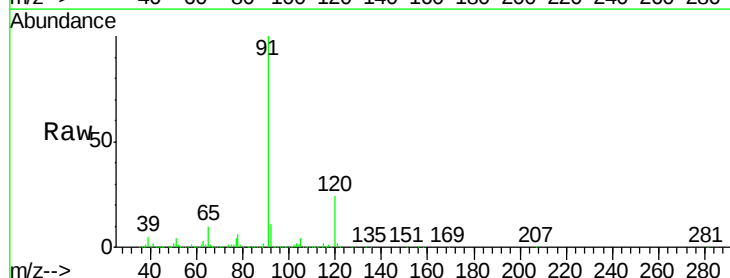
Acq: 07 Jan 2020 10:16

Tgt Ion: 91 Resp: 1761467

Ion Ratio Lower Upper

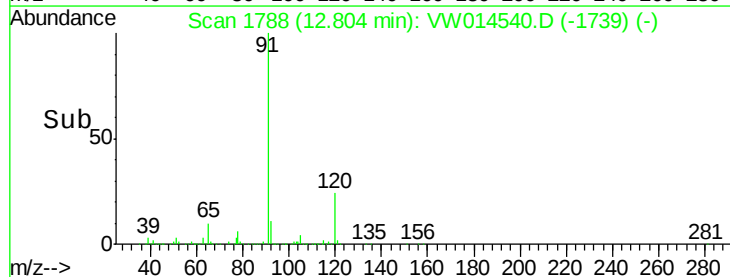
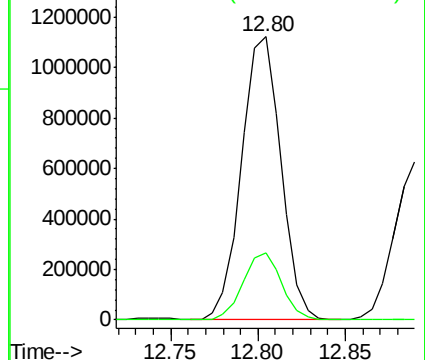
91 100

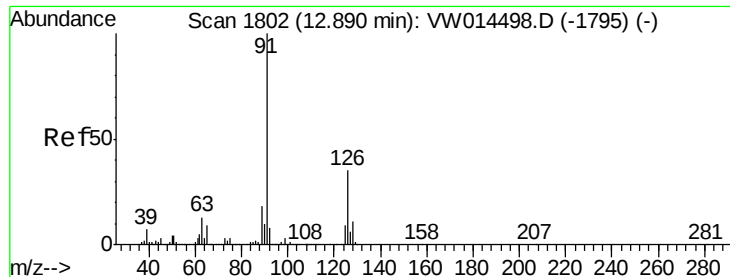
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.105 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014540.D

Acq: 07 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 986850

Ion Ratio Lower Upper

91 100

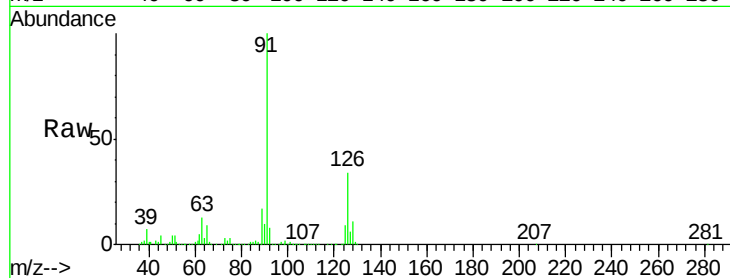
126 33.8 17.1 51.2

Manual Integrations

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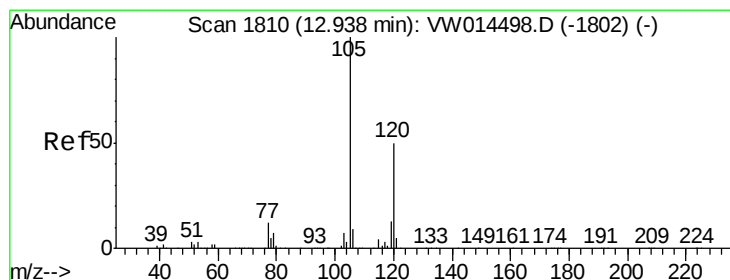
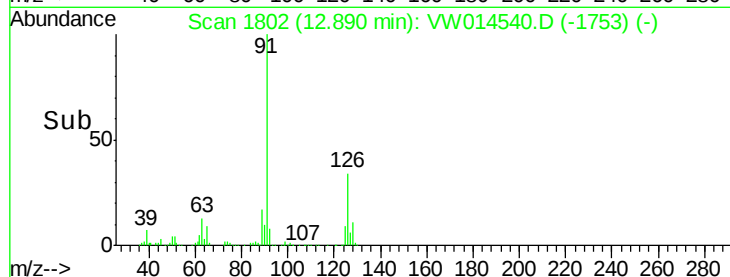
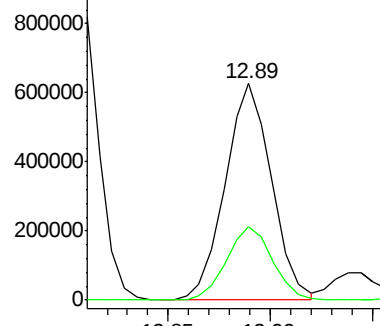
apatel

1/8/2020 9:13:42 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.219 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014540.D

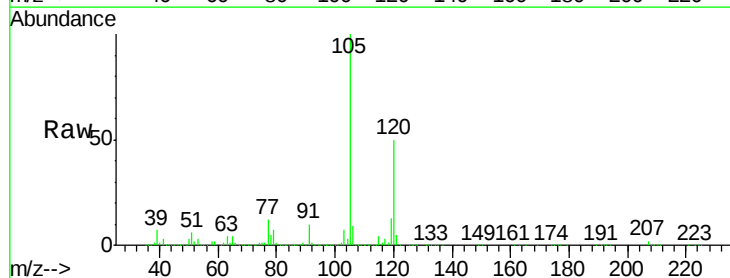
Acq: 07 Jan 2020 10:16

Tgt Ion: 105 Resp: 1241104

Ion Ratio Lower Upper

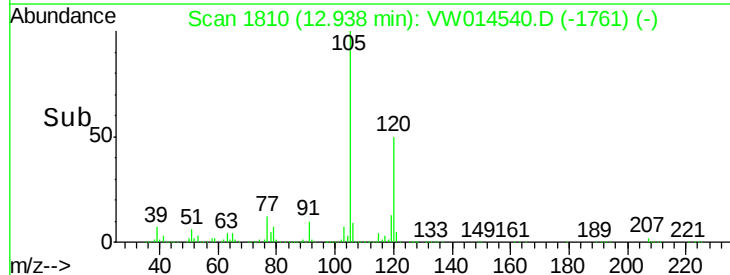
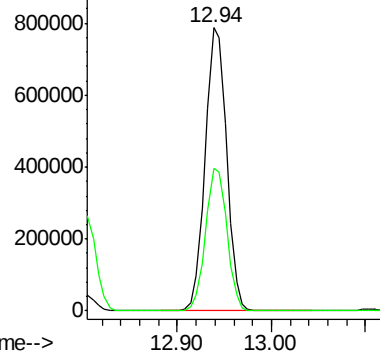
105 100

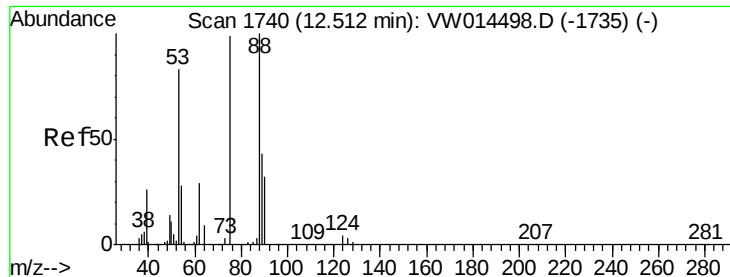
120 50.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





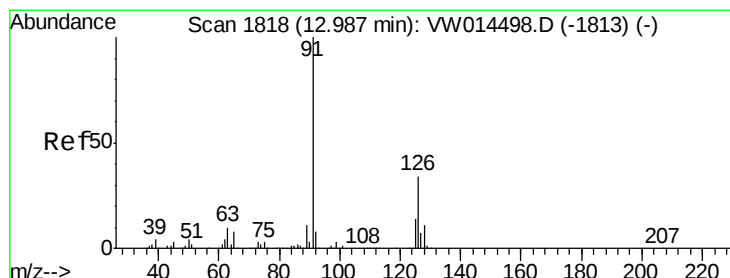
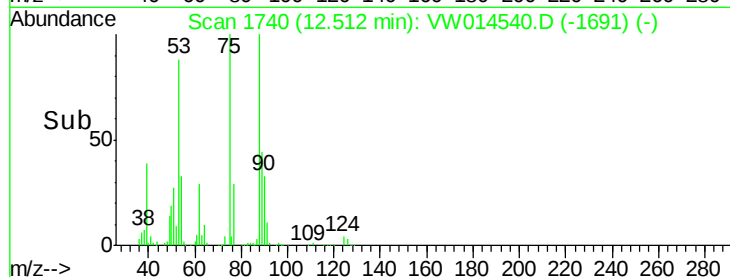
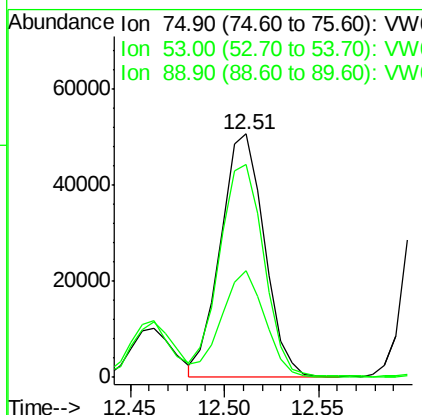
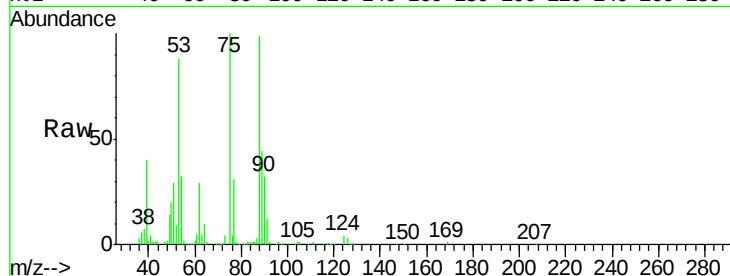
#81
trans-1,4-Dichloro-2-butene
Concen: 46.722 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.2	70.9	106.3
89	44.2	35.8	53.8

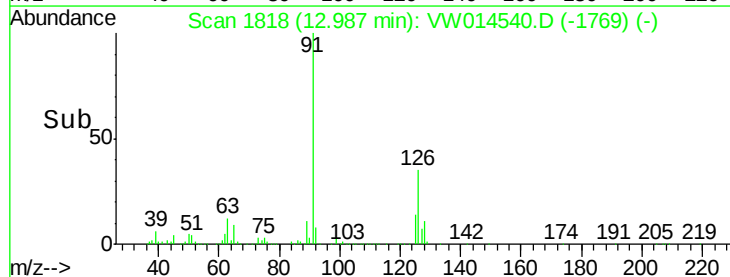
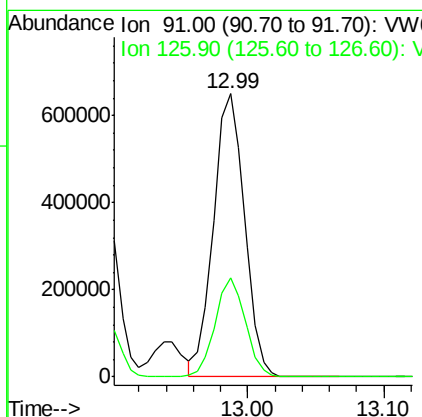
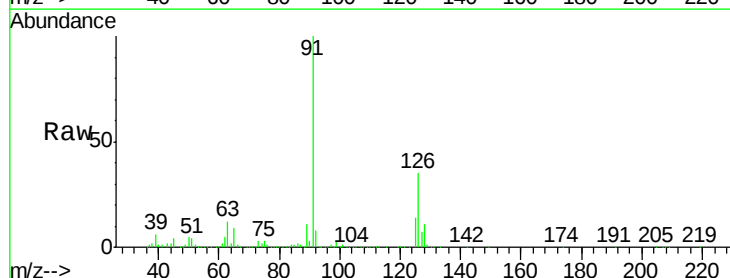
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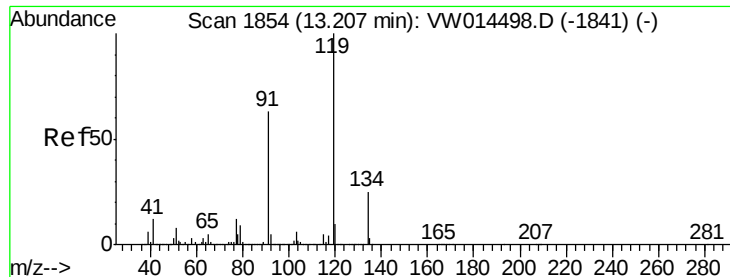
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#82
4-Chlorotoluene
Concen: 49.158 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.1	51.2





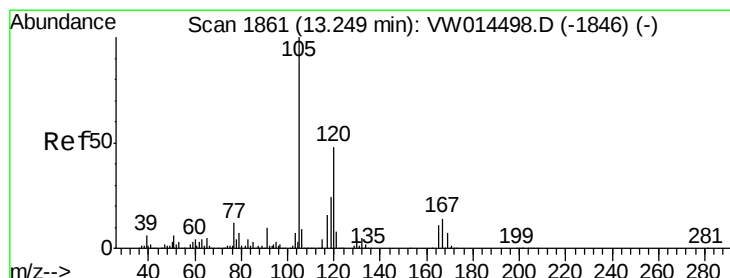
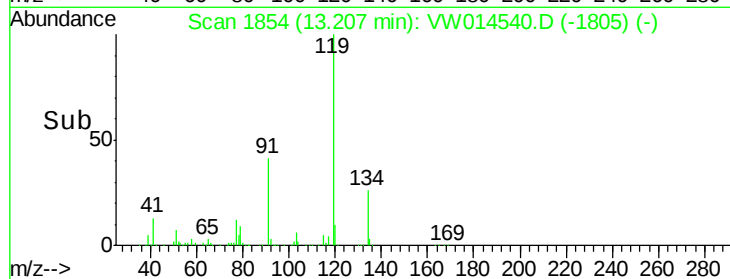
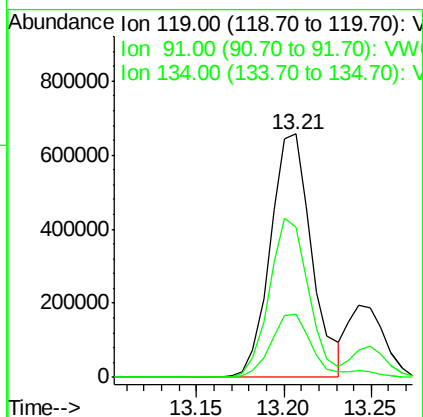
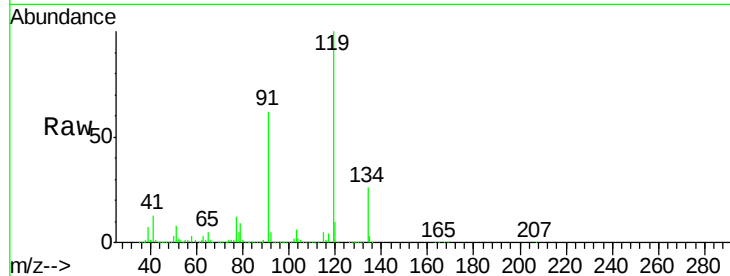
#83
 tert-Butylbenzene
 Concen: 48.985 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion:119 Resp: 1081467
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.1 93.3
 134 27.0 13.5 40.5

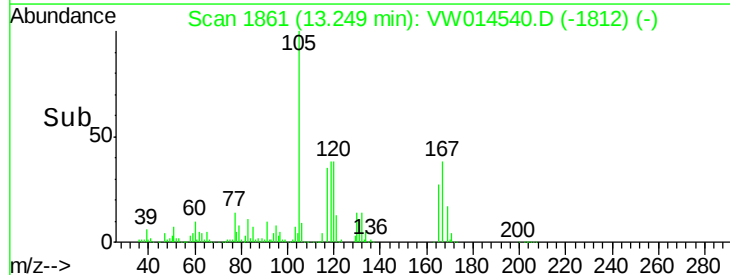
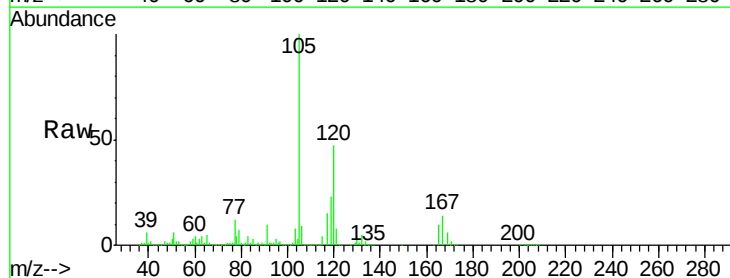
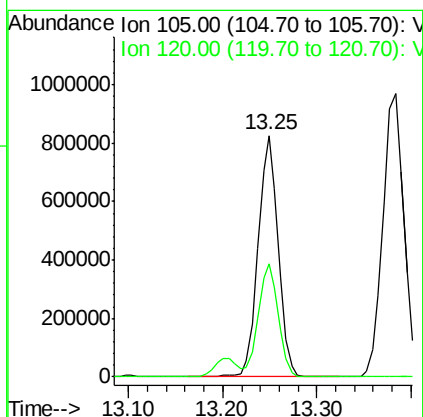
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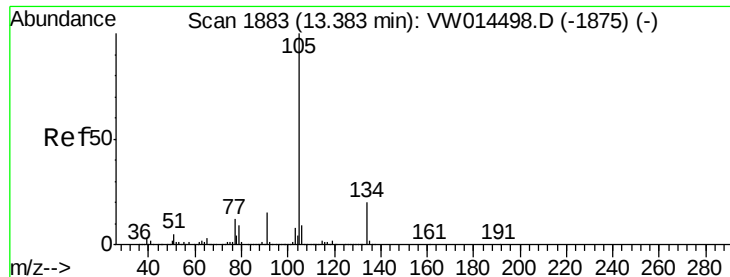
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.548 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion:105 Resp: 1243325
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0





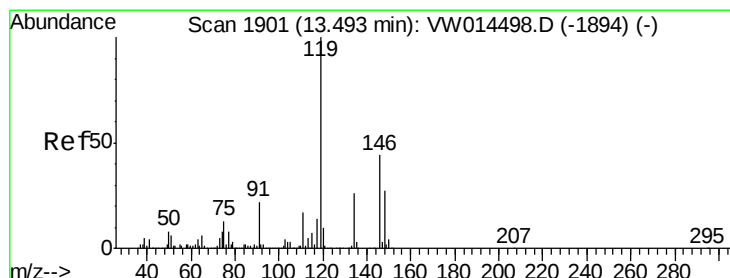
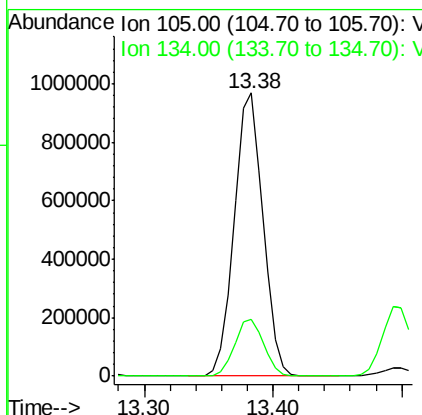
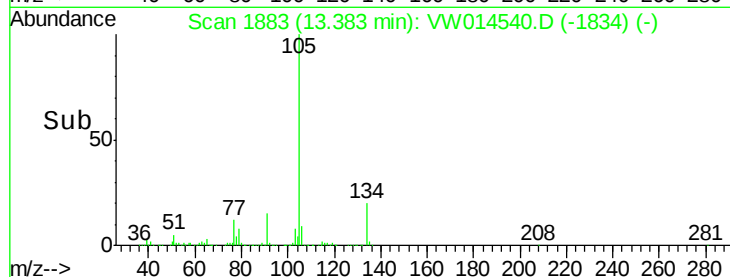
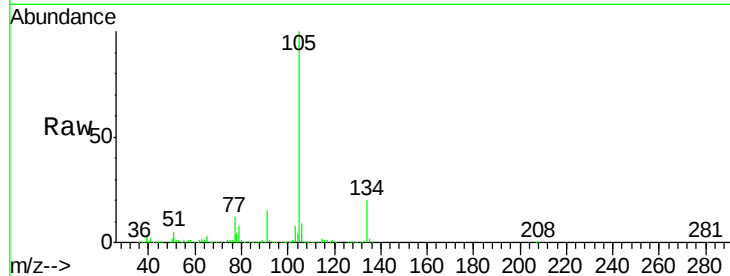
#85
 sec-Butylbenzene
 Concen: 49.113 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion:105 Resp: 1500847
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

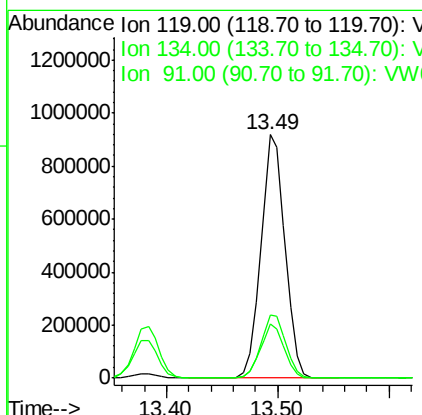
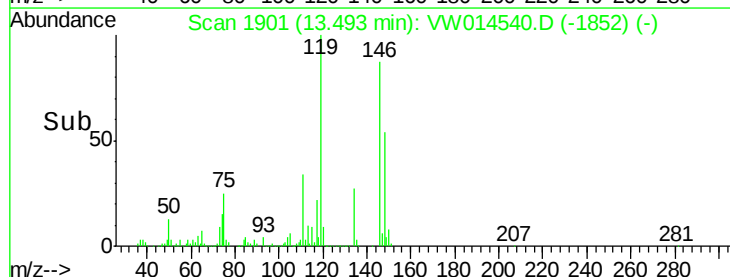
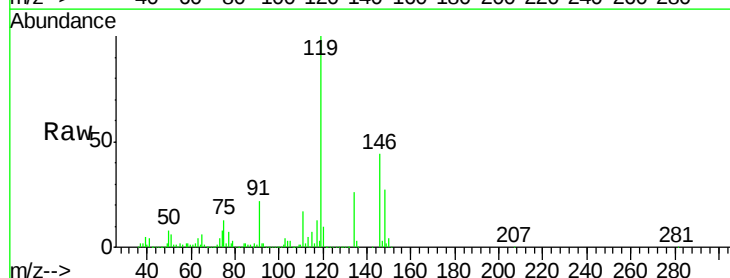
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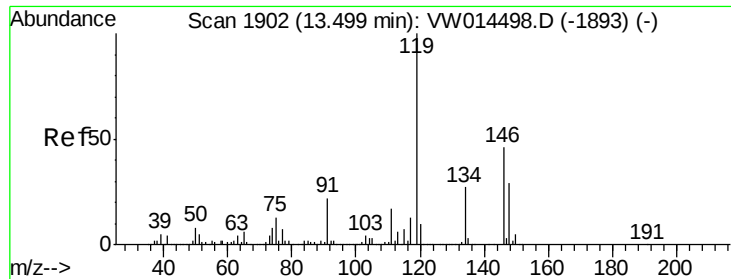
apatel
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#86
 p-Isopropyltoluene
 Concen: 49.659 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion:119 Resp: 1383228
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 21.7 11.1 33.3





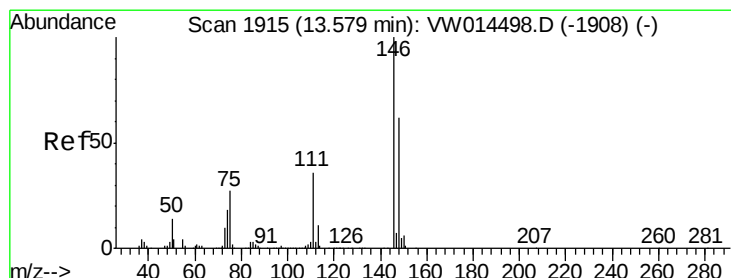
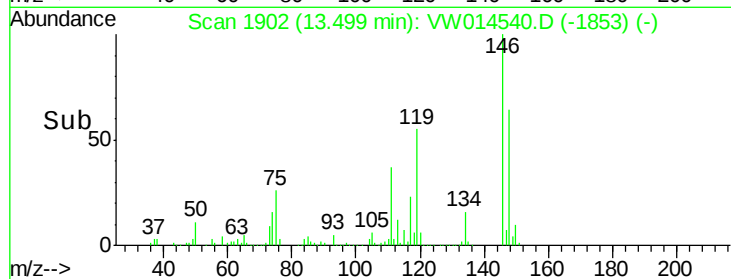
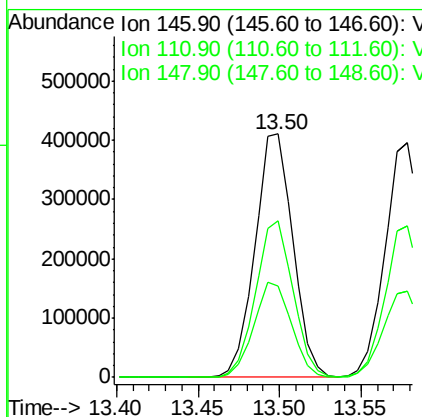
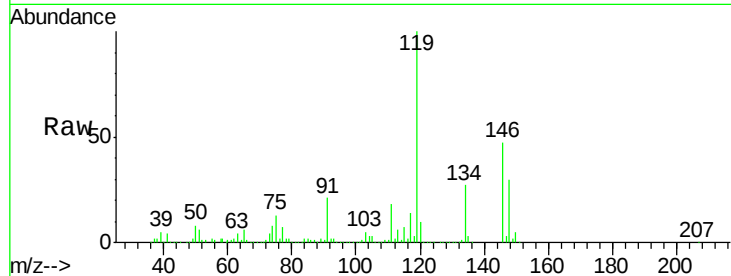
#87
 1,3-Dichlorobenzene
 Concen: 49.116 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.2	31.8	95.4

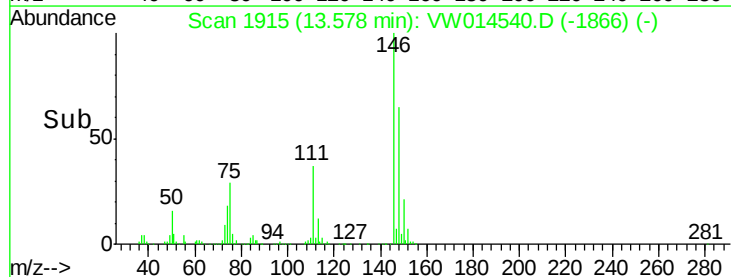
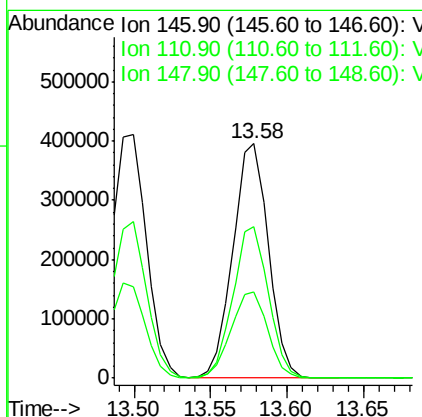
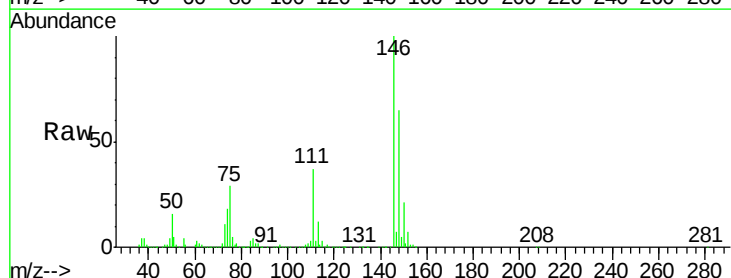
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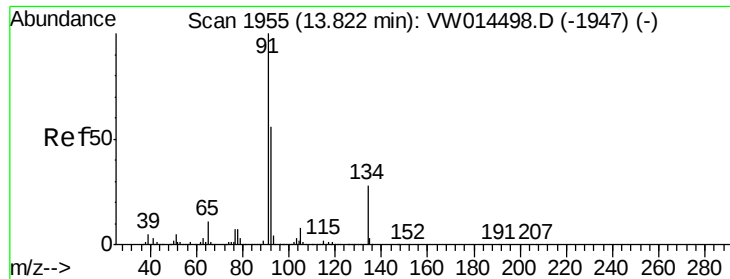
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#88
 1,4-Dichlorobenzene
 Concen: 47.528 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	64.6	31.7	95.1





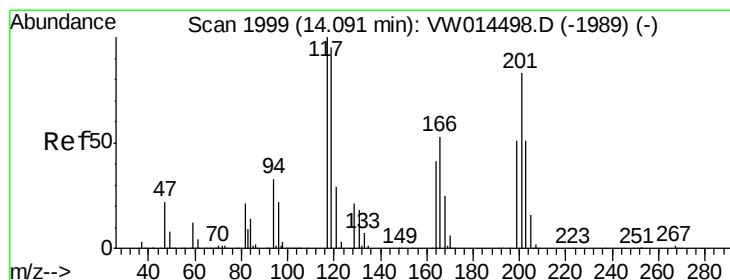
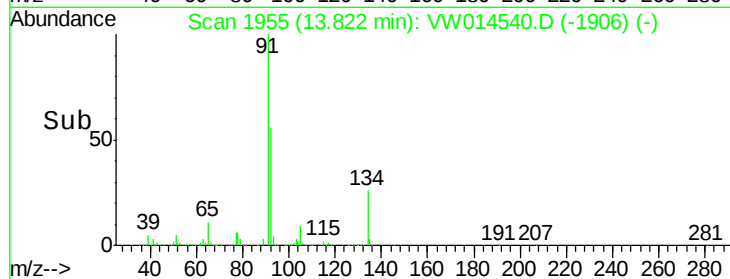
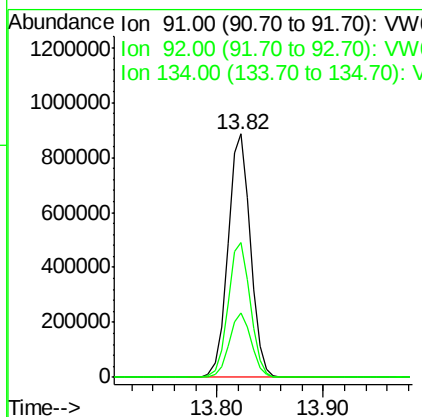
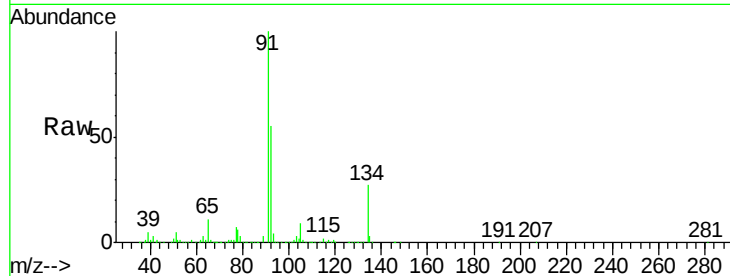
#89
n-Butylbenzene
Concen: 50.291 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1300833
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.5
134 26.1 13.7 41.1

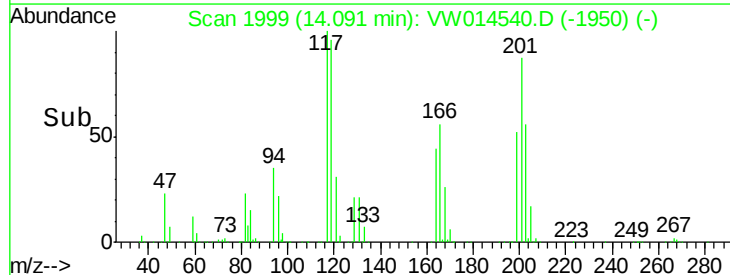
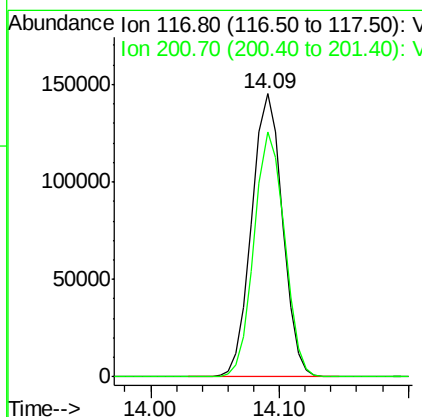
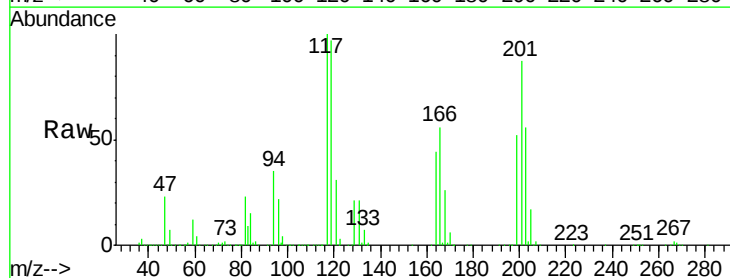
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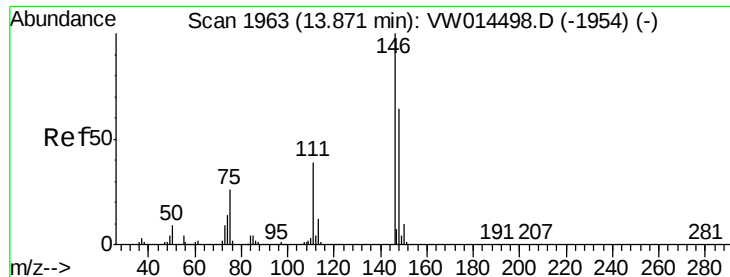
apatel
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#90
Hexachloroethane
Concen: 49.279 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion: 117 Resp: 239791
Ion Ratio Lower Upper
117 100
201 85.5 43.0 128.8





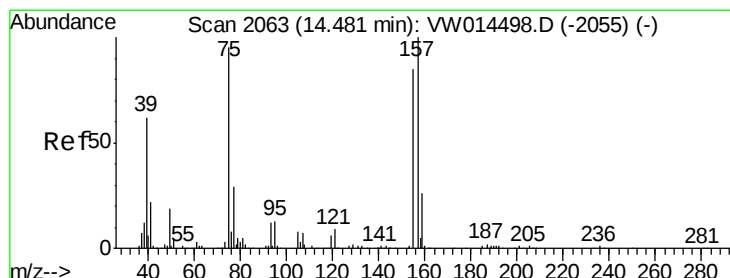
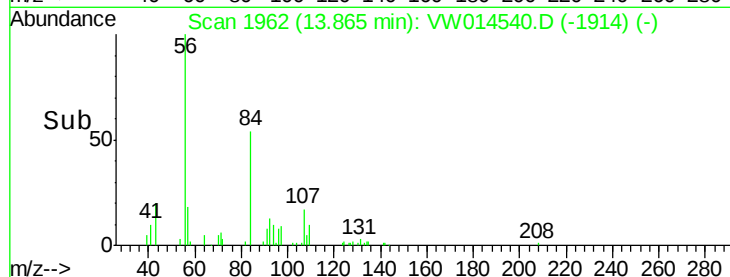
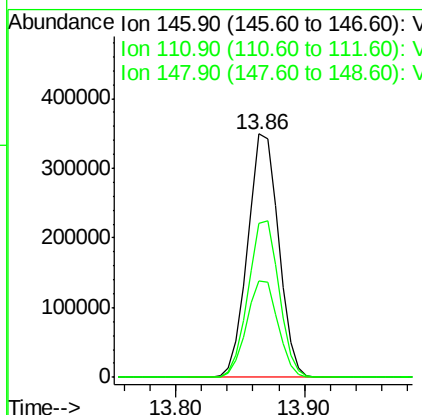
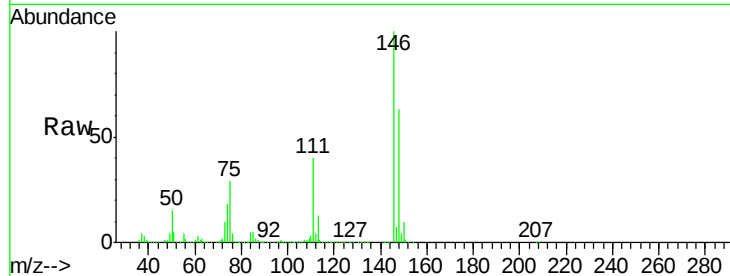
#91
 1,2-Dichlorobenzene
 Concen: 48.456 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	577666		
111	40.1		20.4	61.3
148	64.4		32.3	96.8

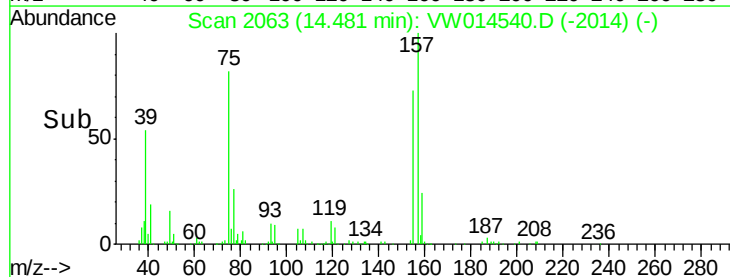
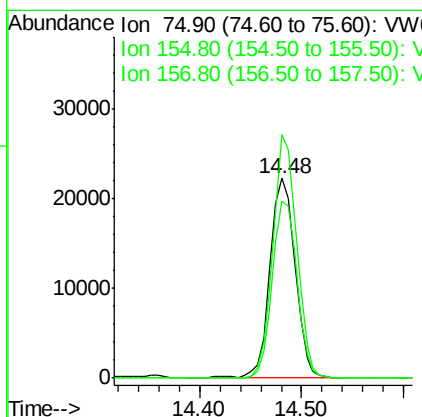
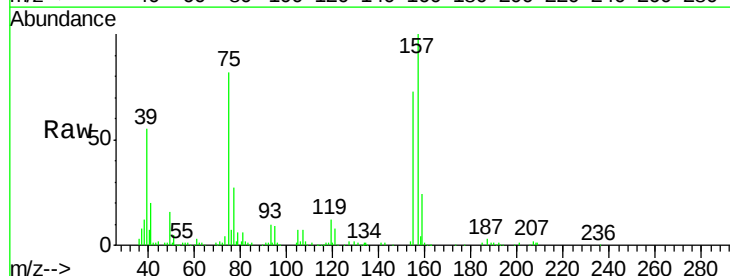
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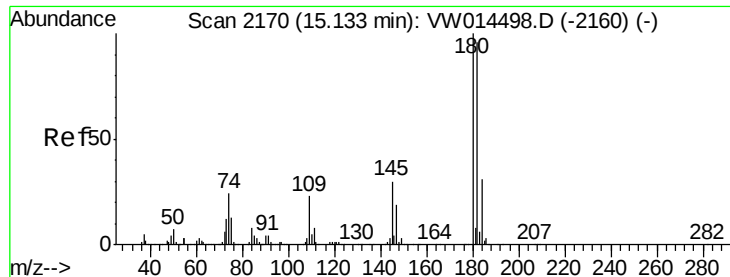
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.457 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38162		
155	86.4		45.8	137.4
157	113.7		58.1	174.2





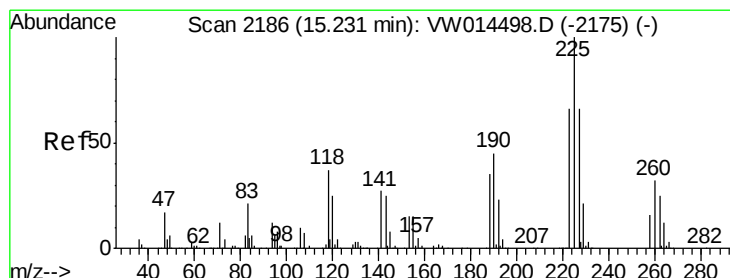
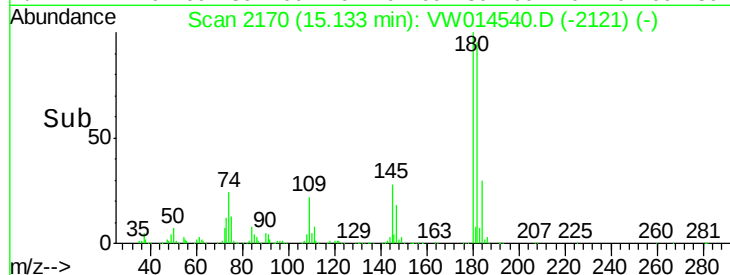
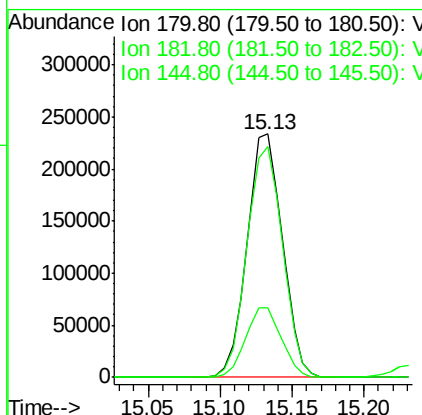
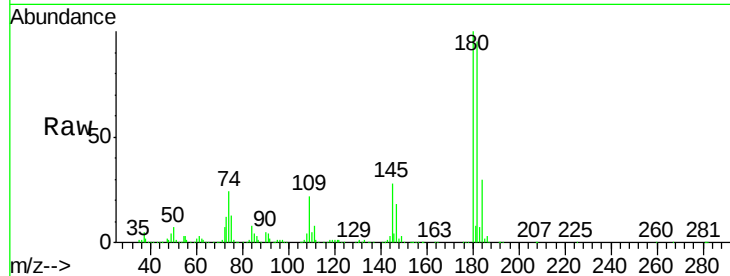
#93
 1,2,4-Trichlorobenzene
 Concen: 49.232 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	396350		
182	95.5	47.3	141.8	
145	29.0	14.7	44.1	

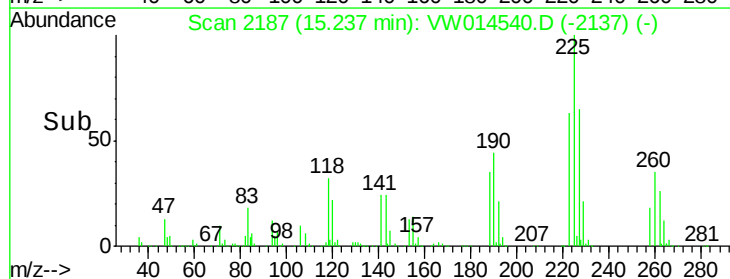
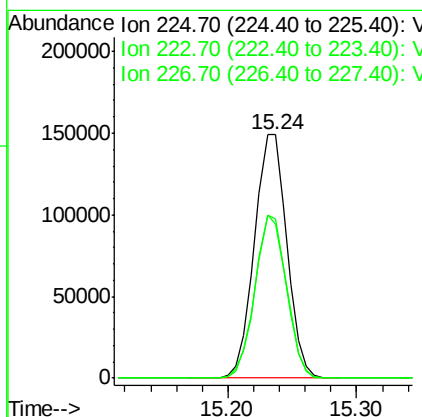
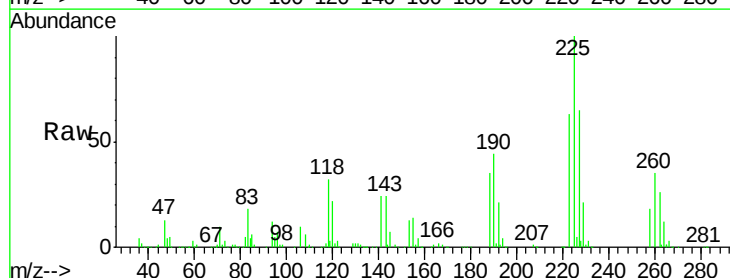
Manual Integrations
 APPROVED

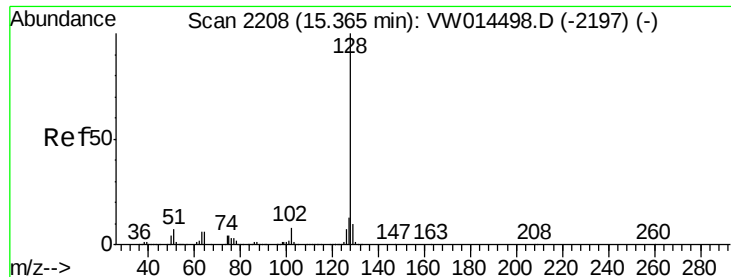
apatel
 1/8/2020 9:13:42 AM



#94
 Hexachlorobutadiene
 Concen: 47.901 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014540.D
 Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	258426		
223	64.8	32.4	97.2	
227	65.6	32.6	97.8	





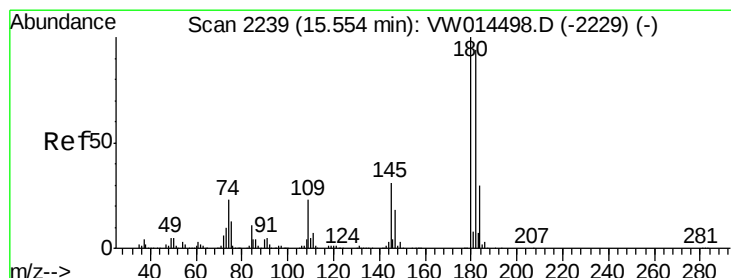
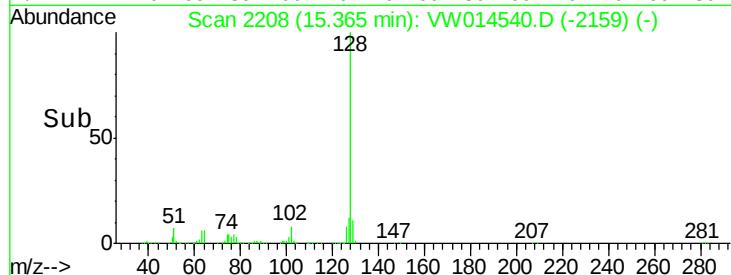
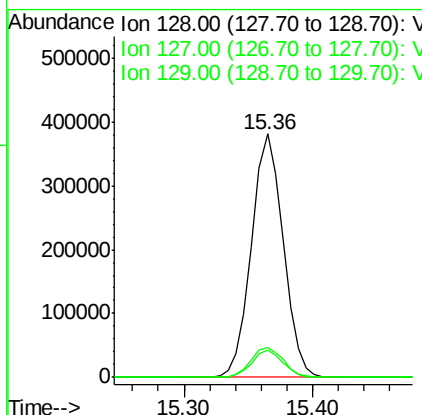
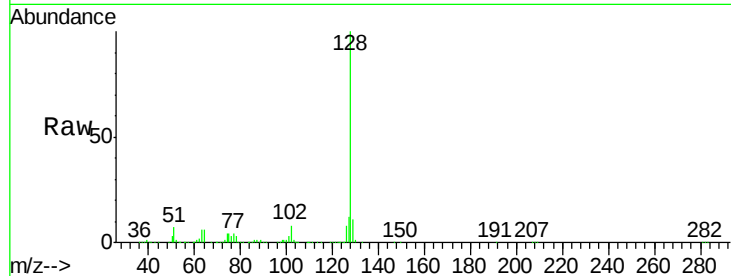
#95
Naphthalene
Concen: 47.210 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
1/8/2020 9:13:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.941 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014540.D
Acq: 07 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.2
145	32.0	15.5	46.5

