

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014517.D
 Acq On : 06 Jan 2020 10:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 1/7/2020 10:27:35 AM

Quant Time: Jan 07 02:49:05 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	880525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1305228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1110640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	524593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	379502	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.88	113	381137	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.32	98	1622512	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	523731	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	262530	52.806	ug/l	96
3) Chloromethane	2.21	50	310411	51.009	ug/l	99
4) Vinyl Chloride	2.36	62	487132	54.425	ug/l	99
5) Bromomethane	2.78	94	290570	52.552	ug/l	99
6) Chloroethane	2.92	64	278570	54.598	ug/l	100
7) Trichlorofluoromethane	3.25	101	299156	66.802	ug/l	98
8) Diethyl Ether	3.68	74	212799	47.758	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	444440	53.115	ug/l	99
10) Methyl Iodide	4.27	142	648374	51.356	ug/l	97
11) Tert butyl alcohol	5.15	59	132204	219.966	ug/l	100
12) 1,1-Dichloroethene	4.04	96	467305	53.330	ug/l	98
13) Acrolein	3.89	56	164139	244.278	ug/l	98
14) Allyl chloride	4.66	41	746964	55.783	ug/l	100
15) Acrylonitrile	5.36	53	465223	228.419	ug/l	99
16) Acetone	4.11	43	629477	289.572	ug/l	99
17) Carbon Disulfide	4.38	76	1426571	54.016	ug/l	99
18) Methyl Acetate	4.66	43	231516	44.098	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	534039	49.097	ug/l	98
20) Methylene Chloride	4.91	84	461156	52.692	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	489520	52.612	ug/l	94
22) Diisopropyl ether	6.31	45	1310600	52.291	ug/l	99
23) Vinyl Acetate	6.25	43	3787920	250.278	ug/l	99
24) 1,1-Dichloroethane	6.21	63	832735	52.672	ug/l	99
25) 2-Butanone	7.16	43	688878	246.935	ug/l	97
26) 2,2-Dichloropropane	7.16	77	472131	53.939	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	501556	51.302	ug/l	96
28) Bromochloromethane	7.51	49	312566	50.428	ug/l	98
29) Tetrahydrofuran	7.52	42	373429	216.074	ug/l	99
30) Chloroform	7.67	83	781427	52.855	ug/l	97
31) Cyclohexane	7.95	56	853769	51.963	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	647387	54.446	ug/l	99
36) 1,1-Dichloropropene	8.08	75	687536	54.640	ug/l	99
37) Ethyl Acetate	7.24	43	262336	45.969	ug/l	97
38) Carbon Tetrachloride	8.06	117	596291	54.623	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	892119	55.247	ug/l	97
40) Benzene	8.32	78	1893373	53.182	ug/l	98
41) Methacrylonitrile	7.48	41	148082	46.550	ug/l	98
42) 1,2-Dichloroethane	8.40	62	465305	50.363	ug/l	98
43) Isopropyl Acetate	8.42	43	479098	46.232	ug/l	99
44) Trichloroethene	9.09	130	504262	52.344	ug/l	94
45) 1,2-Dichloropropane	9.37	63	455860	52.180	ug/l	98
46) Dibromomethane	9.45	93	209546	48.586	ug/l	99
47) Bromodichloromethane	9.64	83	559618	52.557	ug/l	99
48) Methyl methacrylate	9.43	41	237337	46.908	ug/l	99
49) 1,4-Dioxane	9.44	88	77072	955.454	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1213474	225.491	ug/l	99
52) Toluene	10.38	92	1179887	52.679	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	567159	51.445	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	705480	52.358	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	303845	48.238	ug/l	99
56) Ethyl methacrylate	10.64	69	393632	48.086	ug/l	98
57) 1,3-Dichloropropane	10.93	76	546496	49.365	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	591437	237.561	ug/l	99
59) 2-Hexanone	10.96	43	911478	245.793	ug/l	99
60) Dibromochloromethane	11.13	129	356872	50.214	ug/l	100
61) 1,2-Dibromoethane	11.23	107	284347	47.557	ug/l	100
64) Tetrachloroethene	10.86	164	420262	52.267	ug/l	98
65) Chlorobenzene	11.65	112	1176133	51.690	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	402529	52.542	ug/l	99
67) Ethyl Benzene	11.73	91	2222035	54.189	ug/l	99
68) m/p-Xylenes	11.83	106	1691236	107.765	ug/l	100
69) o-Xylene	12.16	106	770270	53.135	ug/l	100
70) Styrene	12.18	104	1314094	53.593	ug/l	99
71) Bromoform	12.35	173	202801	48.531	ug/l #	99
73) Isopropylbenzene	12.46	105	2171807	56.422	ug/l	100
74) N-amyl acetate	12.27	43	421104	48.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	332674	47.883	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	251857m	50.778	ug/l	
77) Bromobenzene	12.74	156	475206	53.154	ug/l	99
78) n-propylbenzene	12.80	91	2588157	57.181	ug/l	99
79) 2-Chlorotoluene	12.89	91	1418098	55.055	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1779269	55.053	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	113217	50.858	ug/l	98
82) 4-Chlorotoluene	12.99	91	1468487	54.874	ug/l	99
83) tert-Butylbenzene	13.21	119	1594628	56.354	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1763299	54.825	ug/l	100
85) sec-Butylbenzene	13.38	105	2208392	56.384	ug/l	100
86) p-Isopropyltoluene	13.49	119	2002508	56.091	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	932692	53.650	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	895288	52.164	ug/l	99
89) n-Butylbenzene	13.82	91	1905801	57.486	ug/l	100
90) Hexachloroethane	14.09	117	353353	56.657	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	792167	51.844	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	50947	46.306	ug/l	97

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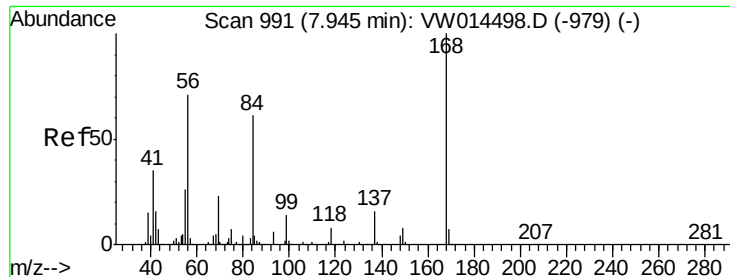
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	531308	51.491	ug/l	98
94) Hexachlorobutadiene	15.23	225	362388	52.407	ug/l	98
95) Naphthalene	15.36	128	877075	49.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	444258	49.394	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: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 880525

Ion Ratio Lower Upper

168 100

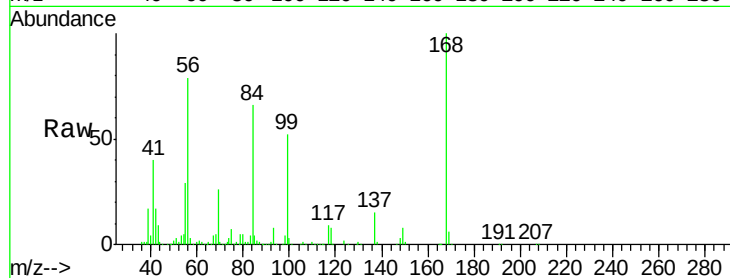
99 51.8 41.1 61.7

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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

400000

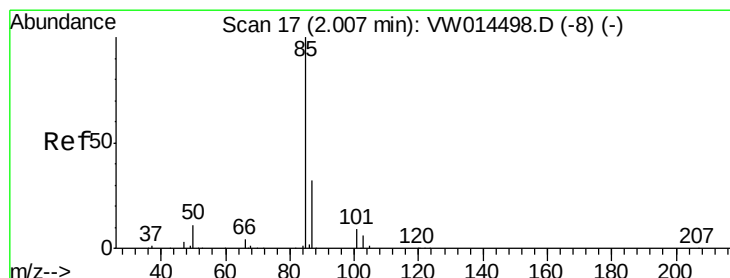
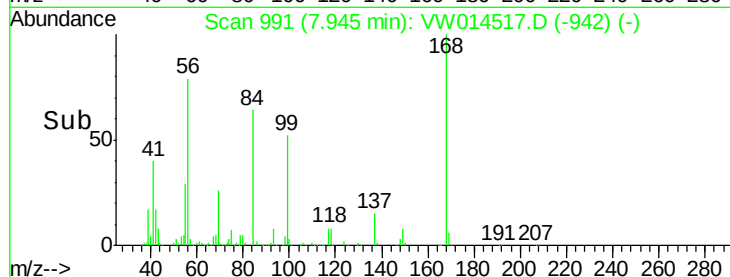
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 52.806 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014517.D

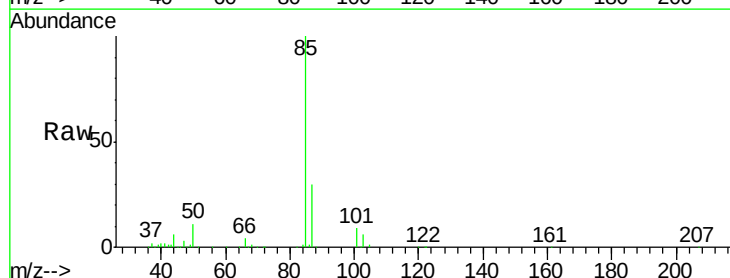
Acq: 06 Jan 2020 10:48

Tgt Ion: 85 Resp: 262530

Ion Ratio Lower Upper

85 100

87 29.8 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

100000

80000

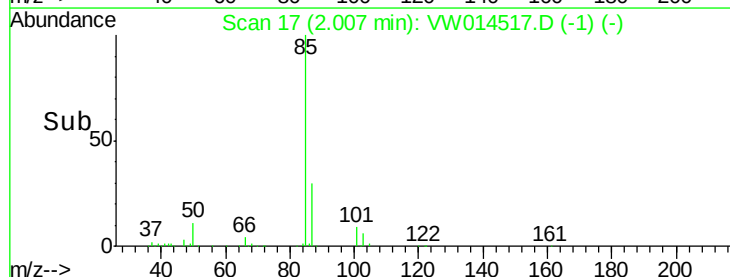
60000

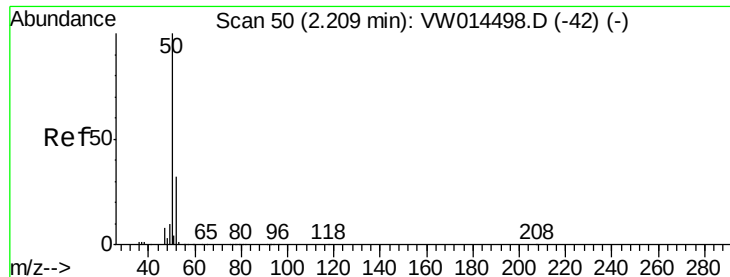
40000

20000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 51.009 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 310411

Ion Ratio Lower Upper

50 100

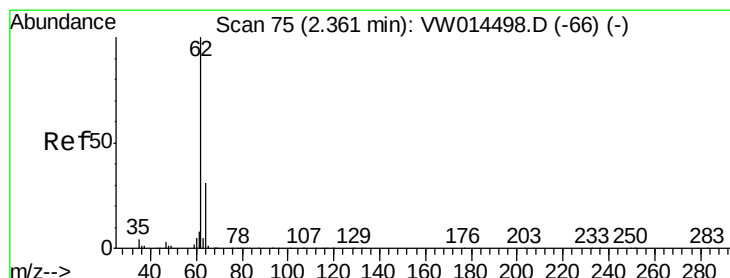
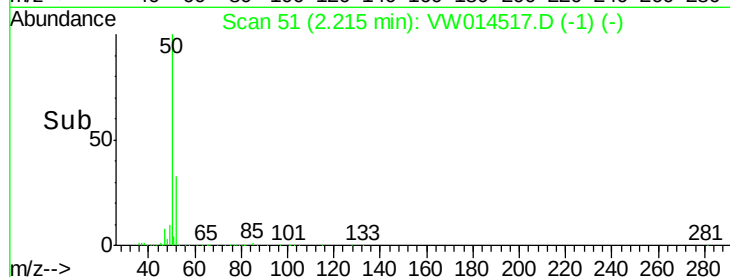
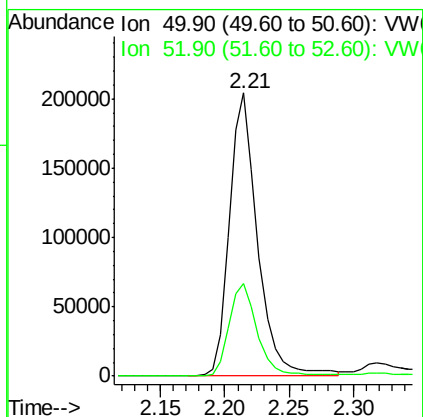
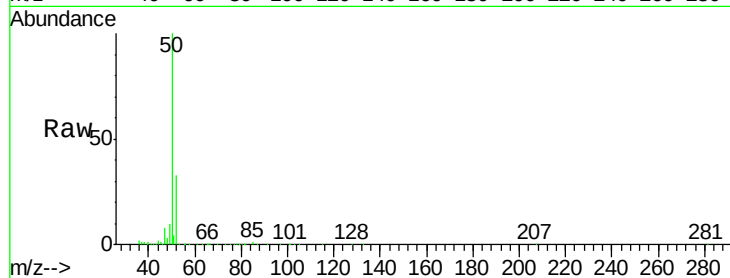
52 32.8 25.8 38.8

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#4

Vinyl Chloride

Concen: 54.425 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014517.D

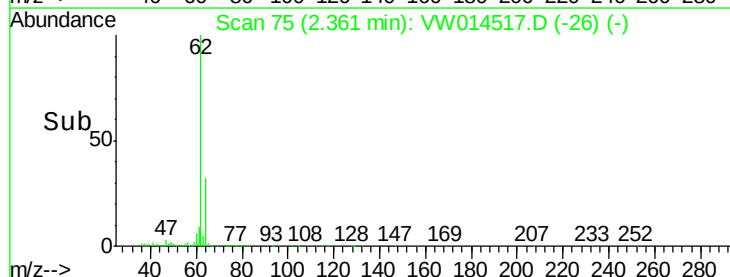
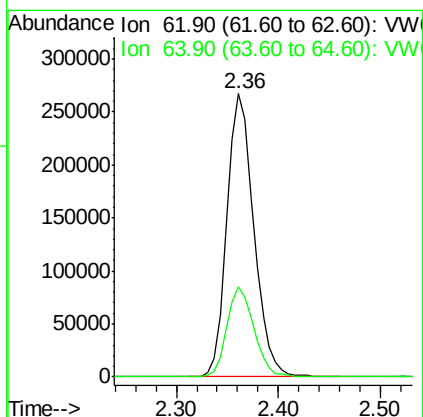
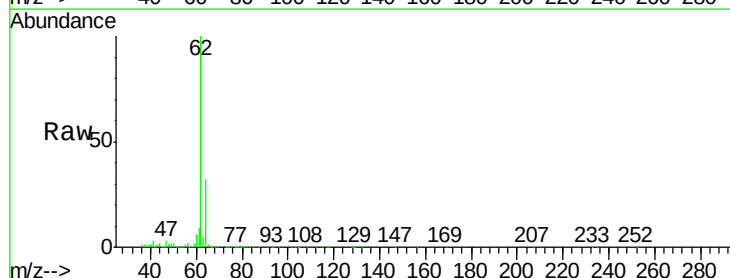
Acq: 06 Jan 2020 10:48

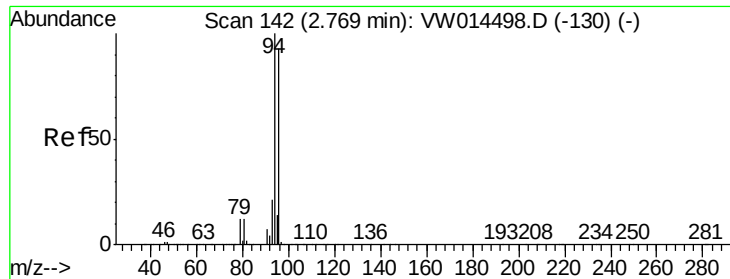
Tgt Ion: 62 Resp: 487132

Ion Ratio Lower Upper

62 100

64 31.9 25.0 37.4





#5

Bromomethane

Concen: 52.552 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 94 Resp: 290570

Ion Ratio Lower Upper

94 100

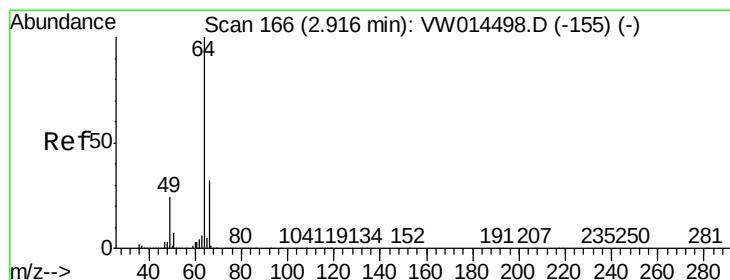
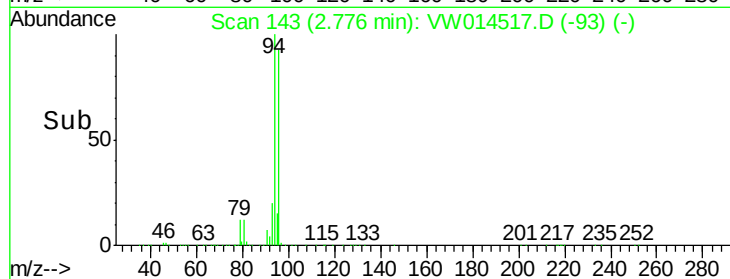
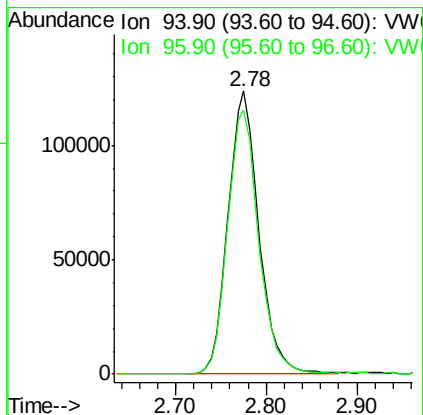
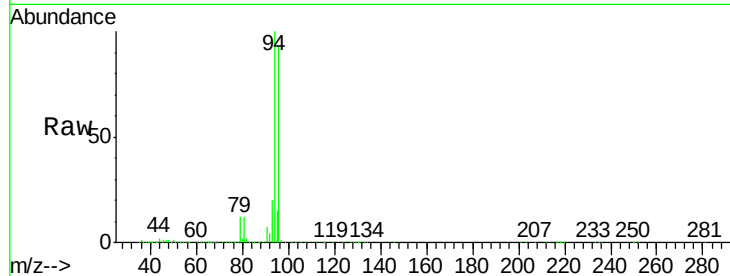
96 93.3 74.2 111.2

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#6

Chloroethane

Concen: 54.598 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014517.D

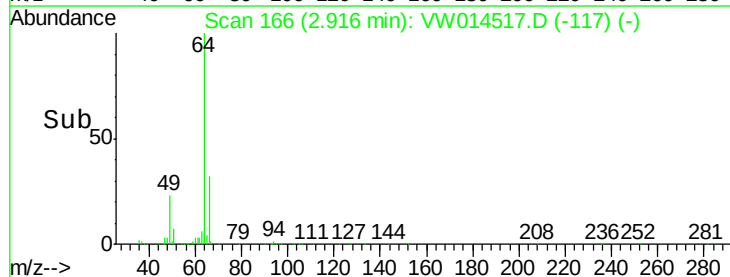
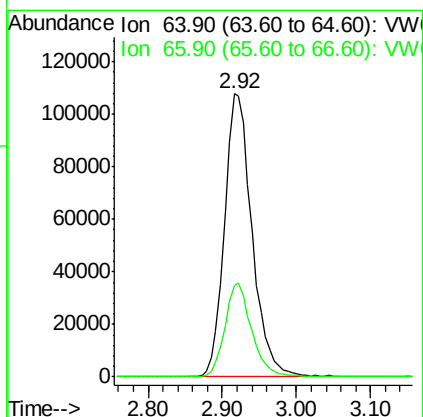
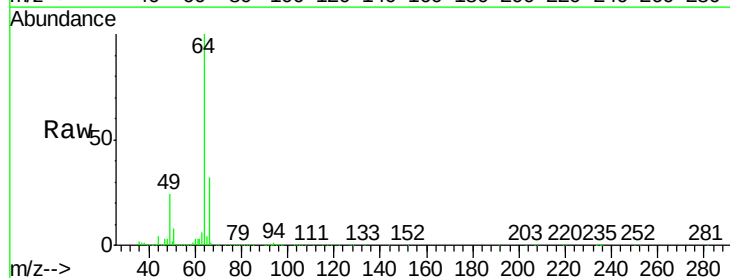
Acq: 06 Jan 2020 10:48

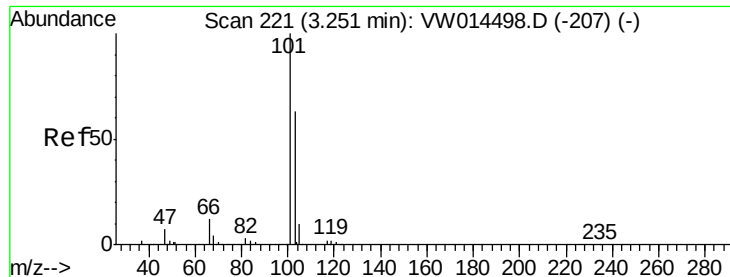
Tgt Ion: 64 Resp: 278570

Ion Ratio Lower Upper

64 100

66 32.0 25.7 38.5





#7

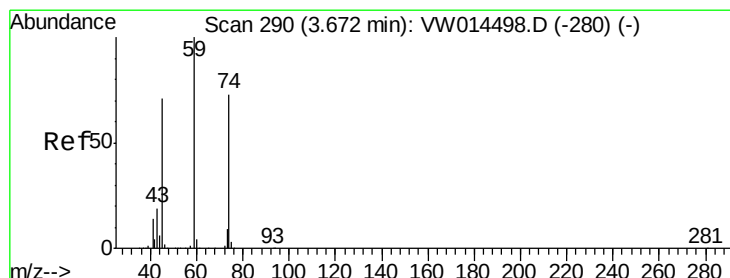
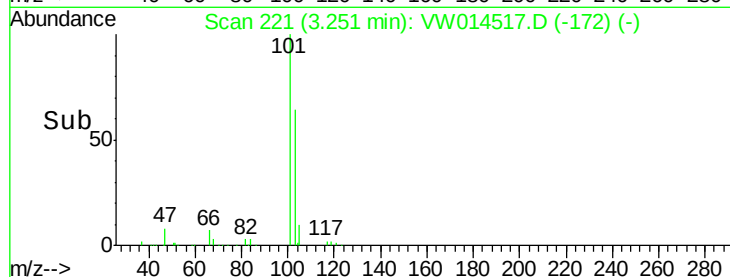
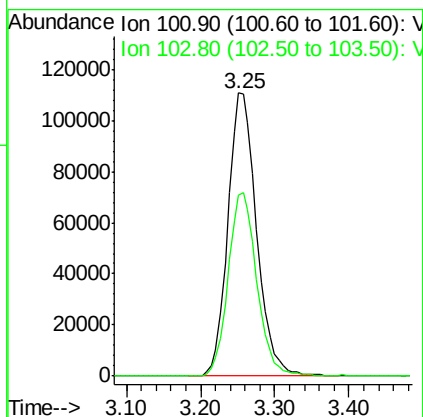
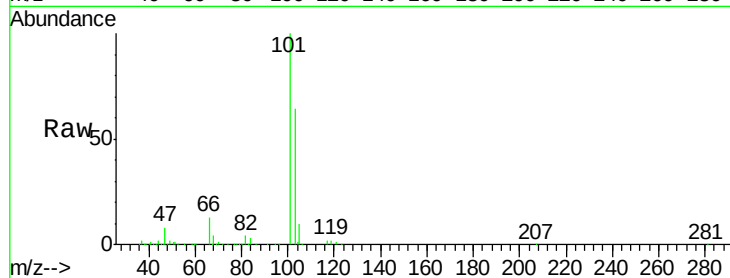
Trichlorofluoromethane
Concen: 66.802 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014517.D
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.1	75.1

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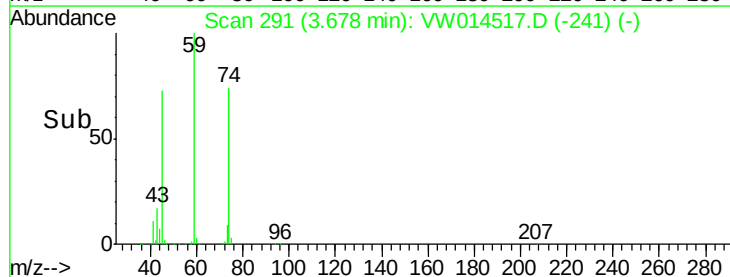
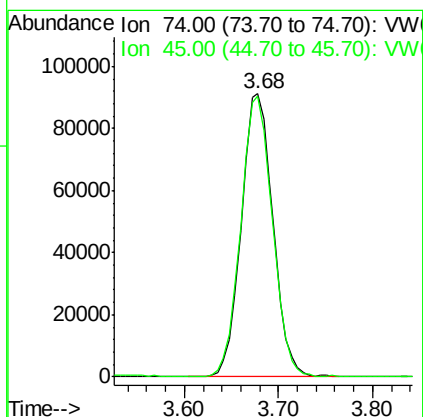
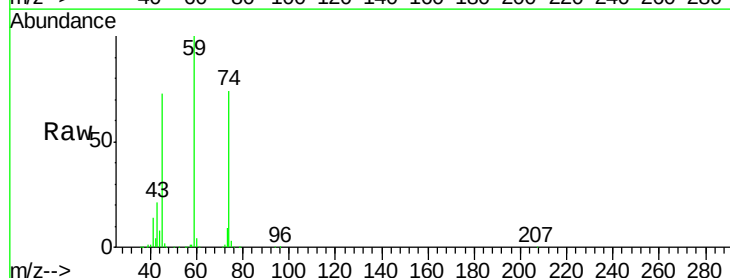
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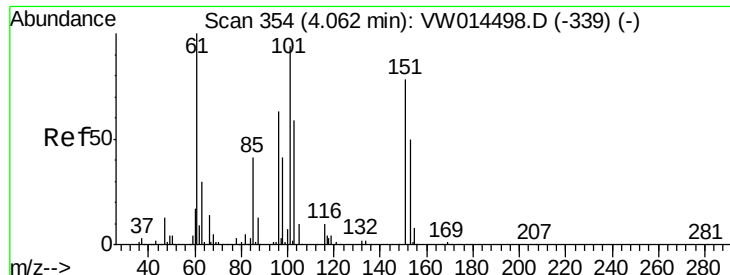


#8

Diethyl Ether
Concen: 47.758 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.115 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

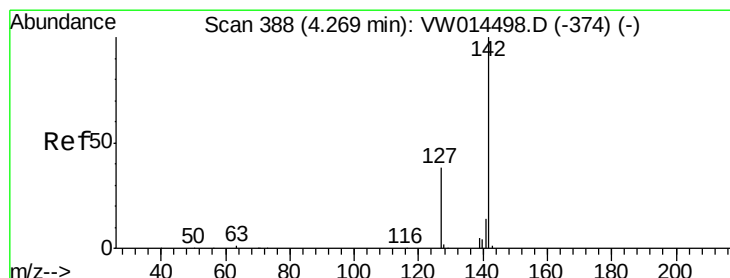
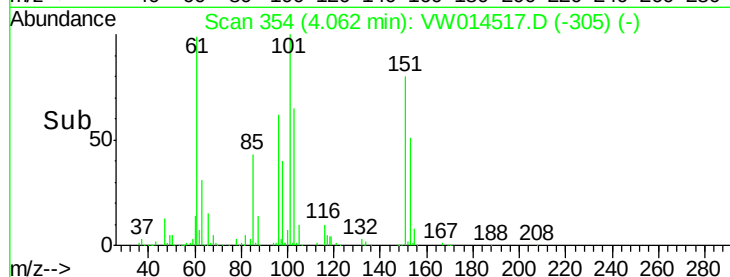
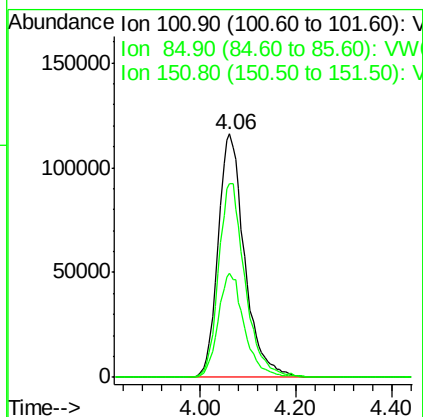
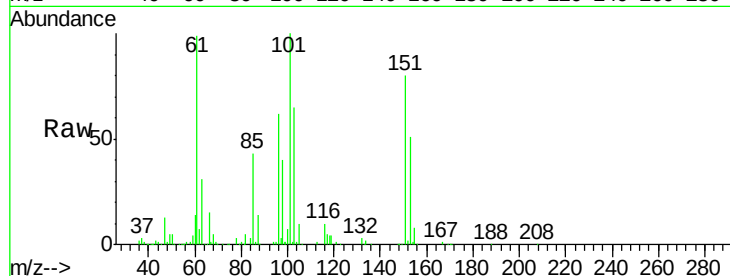
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	444440
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.7	50.5
151	79.9	63.5	95.3

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#10

Methyl Iodide

Concen: 51.356 ug/l

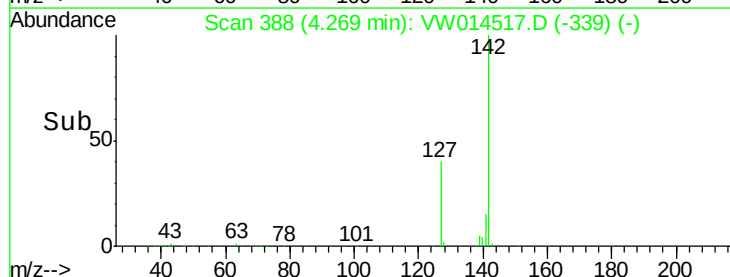
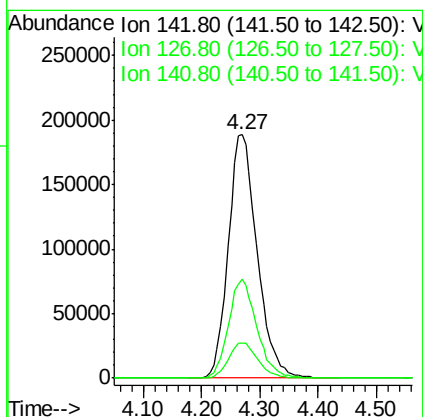
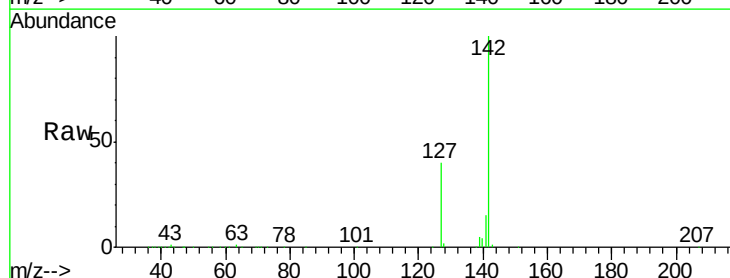
RT: 4.27 min Scan# 388

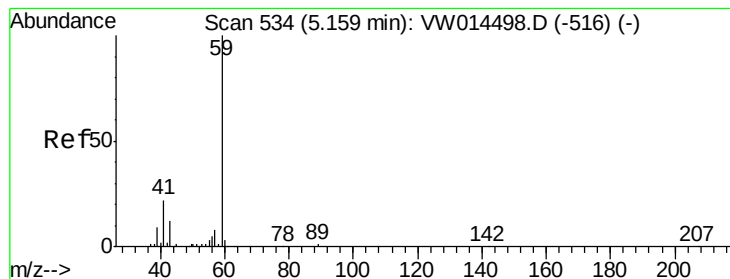
Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion:	142	Resp:	648374
Ion Ratio	Lower	Upper	
142	100		
127	40.0	30.2	45.4
141	14.8	11.4	17.2





#11

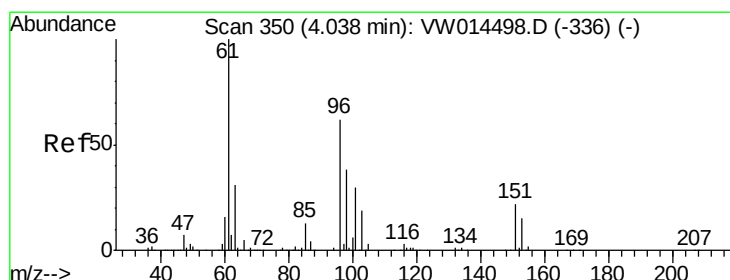
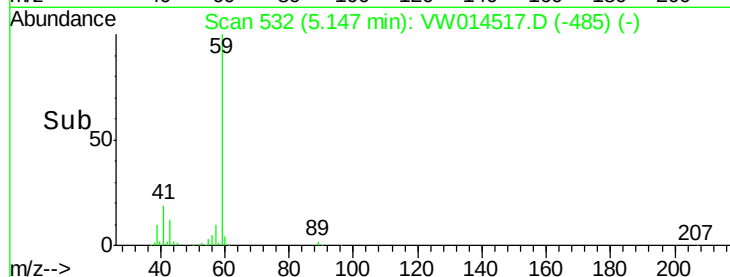
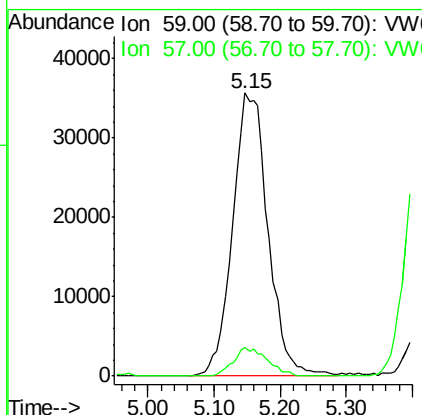
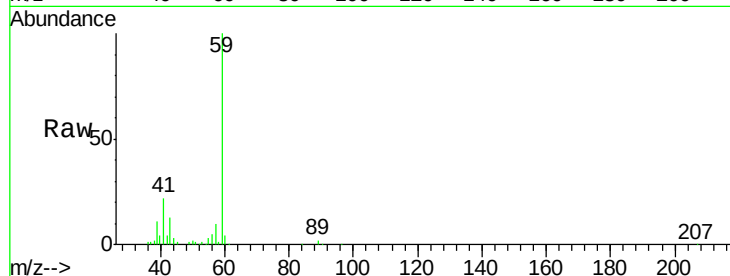
Tert butyl alcohol
Concen: 219.966 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.8

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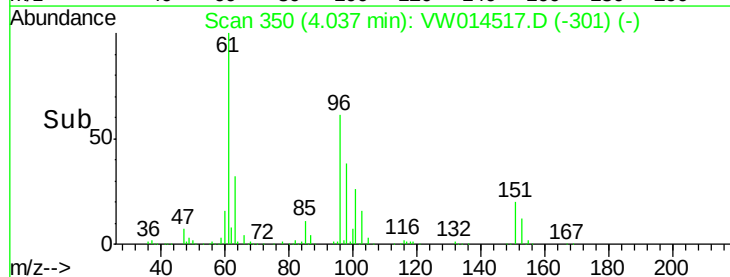
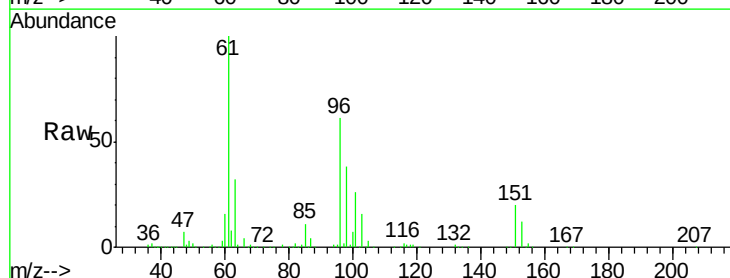
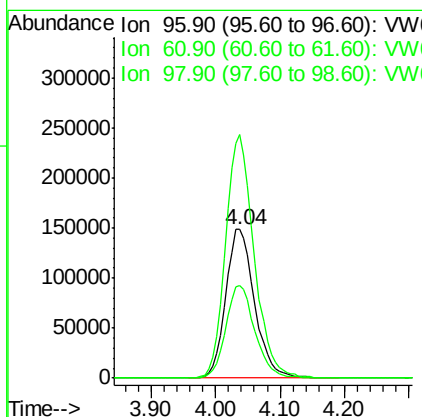
apatel
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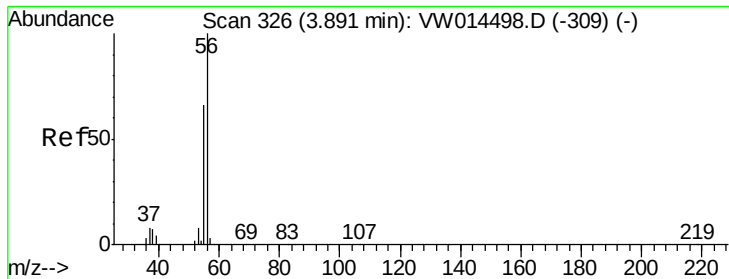


#12

1,1-Dichloroethene
Concen: 53.330 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.6	128.4	192.6
98	62.5	49.1	73.7





#13

Acrolein

Concen: 244.278 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 164139

Ion Ratio Lower Upper

56 100

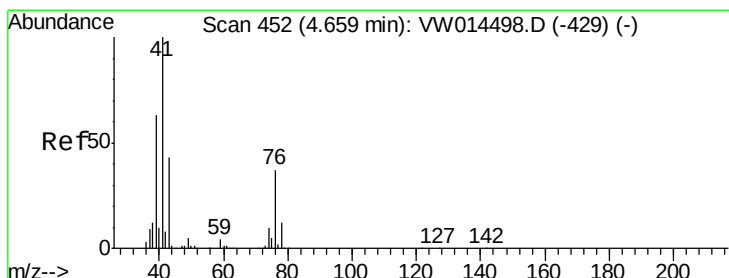
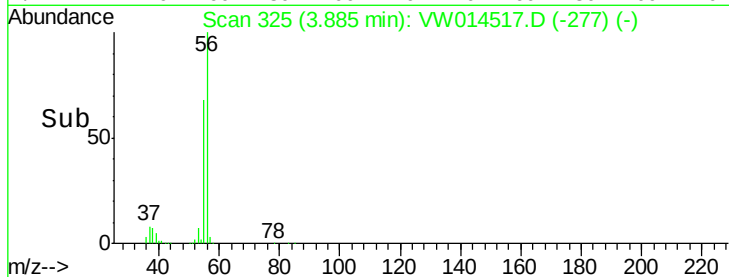
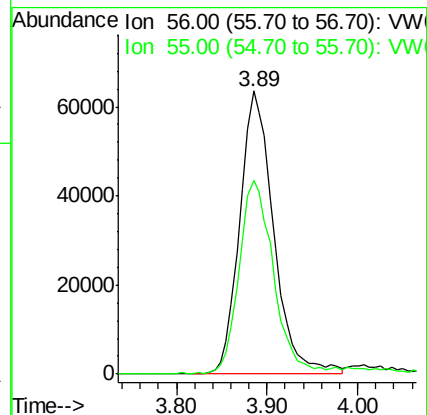
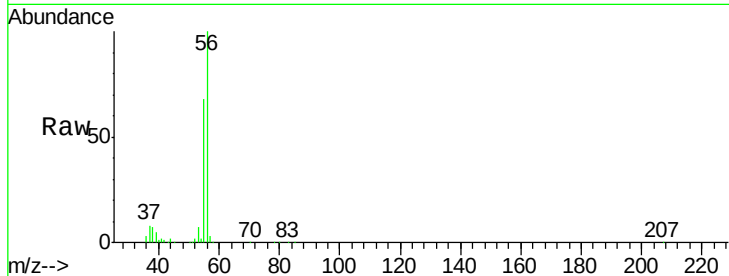
55 68.9 56.7 85.1

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#14

Allyl chloride

Concen: 55.783 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

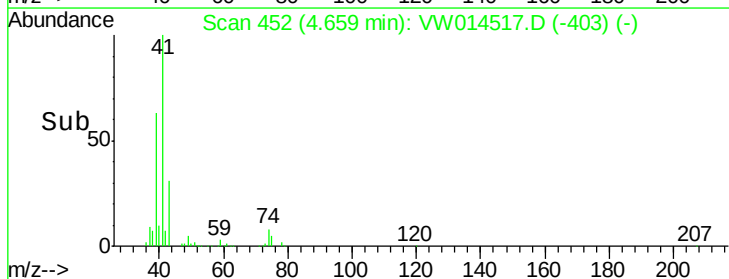
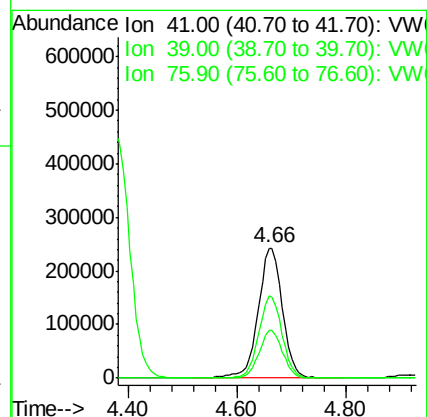
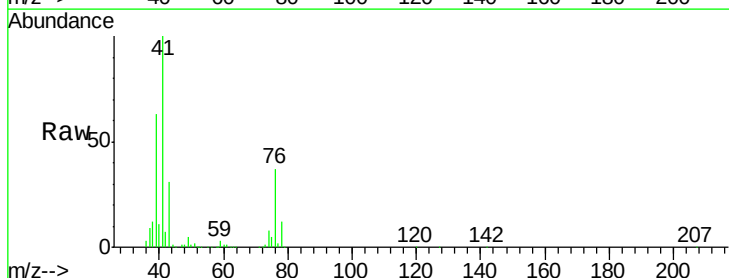
Tgt Ion: 41 Resp: 746964

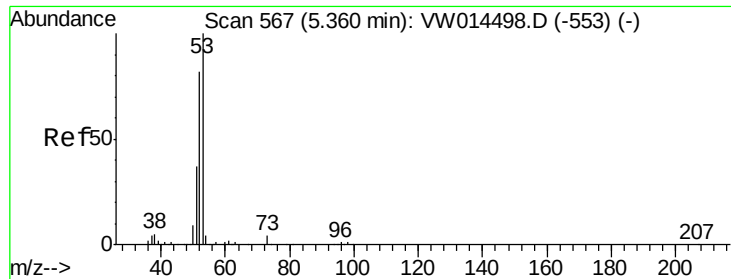
Ion Ratio Lower Upper

41 100

39 61.0 48.5 72.7

76 35.0 28.1 42.1





#15

Acrylonitrile

Concen: 228.419 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

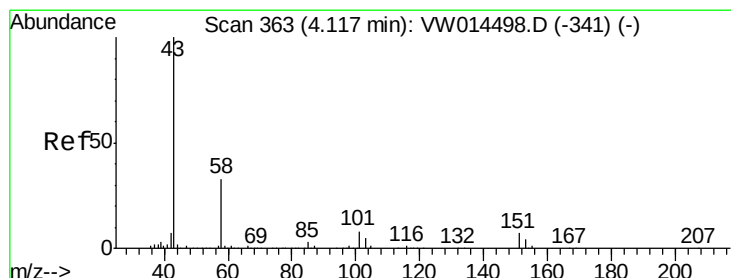
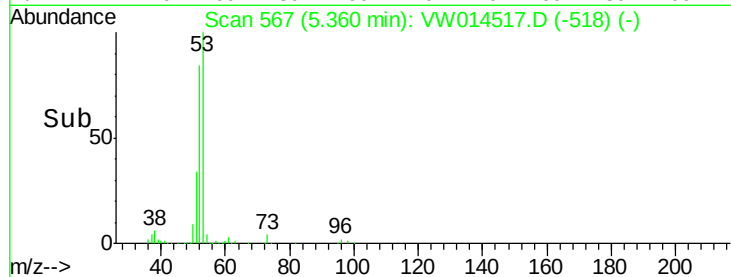
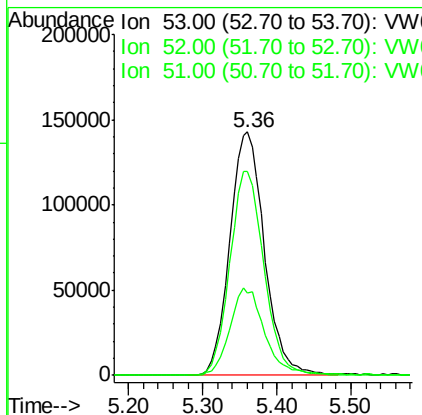
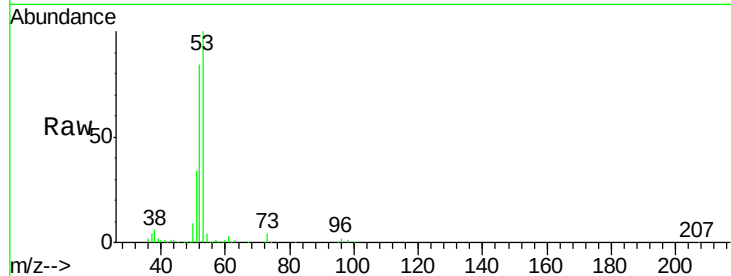
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	465223
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.5	99.7
51	36.0	28.4	42.6

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#16

Acetone

Concen: 289.572 ug/l

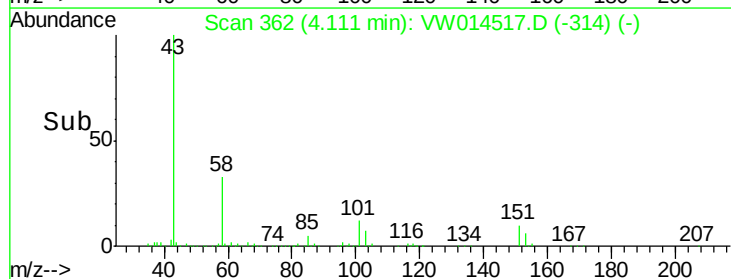
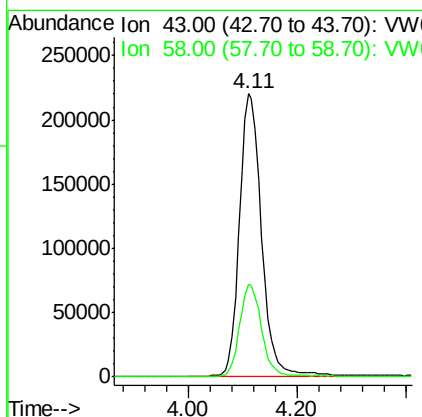
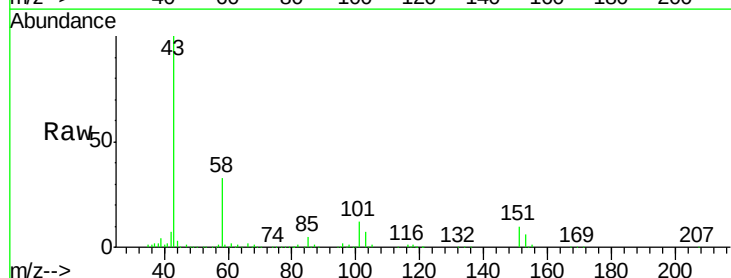
RT: 4.11 min Scan# 362

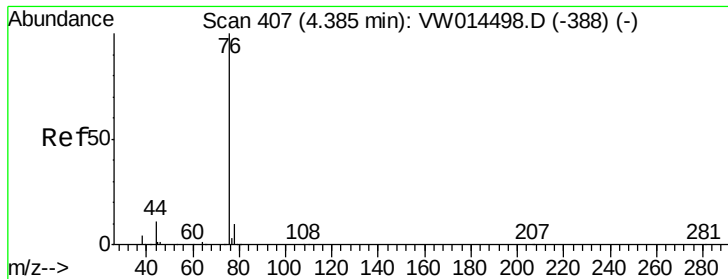
Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion:	43	Resp:	629477
Ion Ratio	Lower	Upper	
43	100		
58	32.9	26.6	39.8





#17

Carbon Disulfide

Concen: 54.016 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1426571

Ion Ratio Lower Upper

76 100

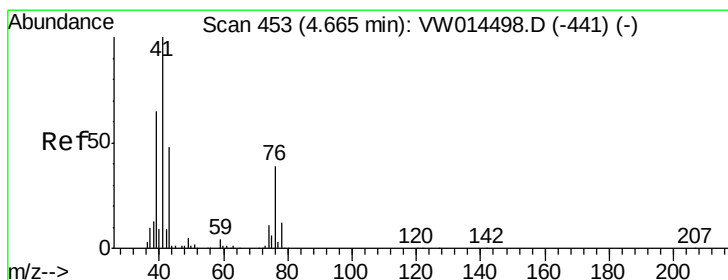
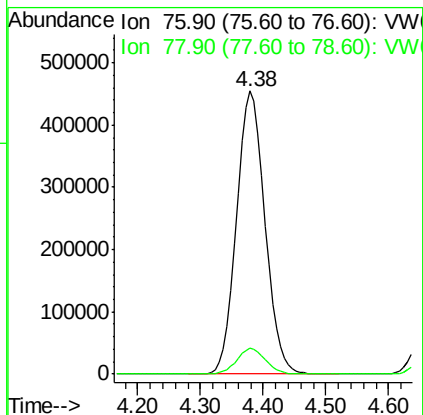
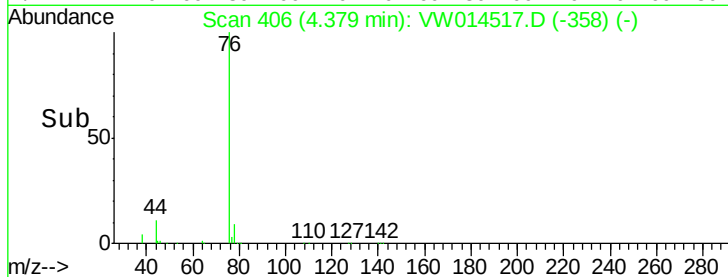
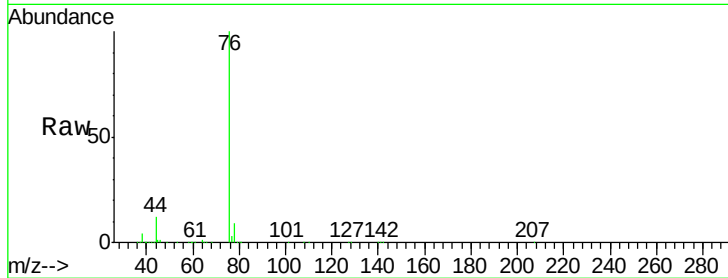
78 9.2 7.8 11.6

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#18

Methyl Acetate

Concen: 44.098 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014517.D

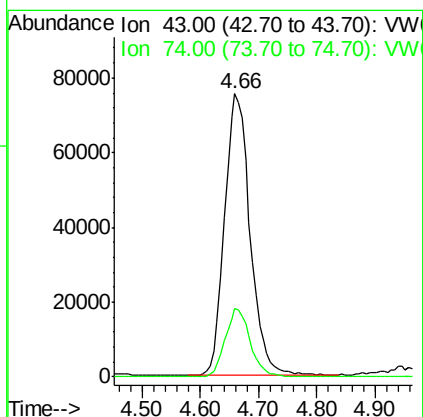
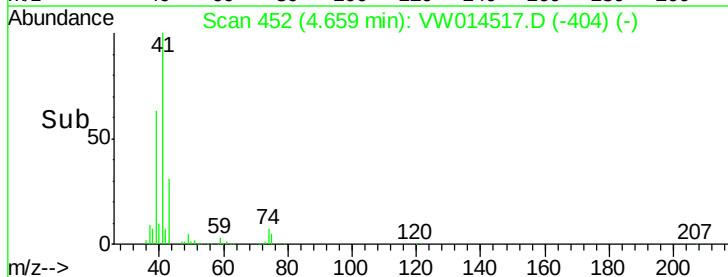
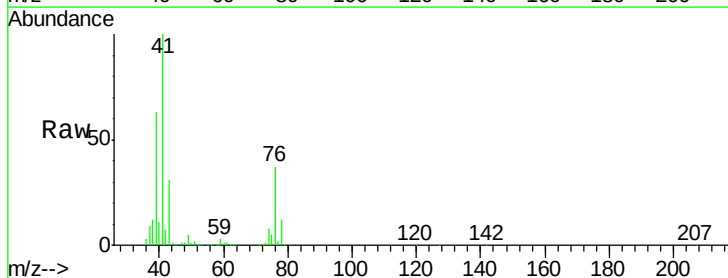
Acq: 06 Jan 2020 10:48

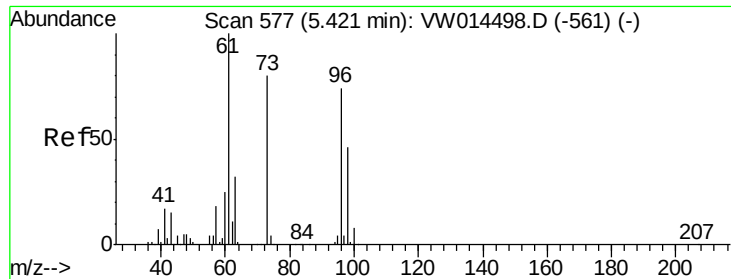
Tgt Ion: 43 Resp: 231516

Ion Ratio Lower Upper

43 100

74 23.8 19.3 28.9





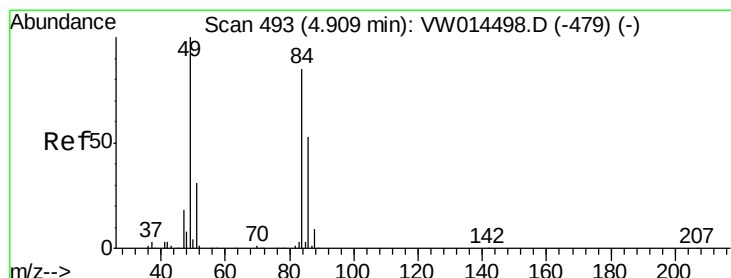
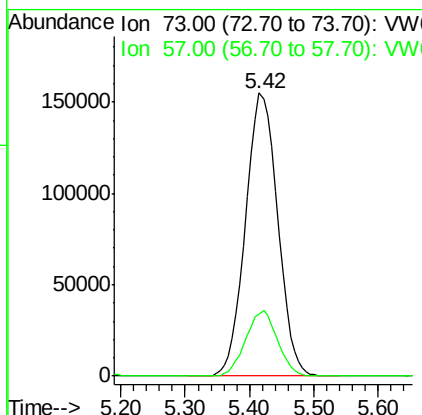
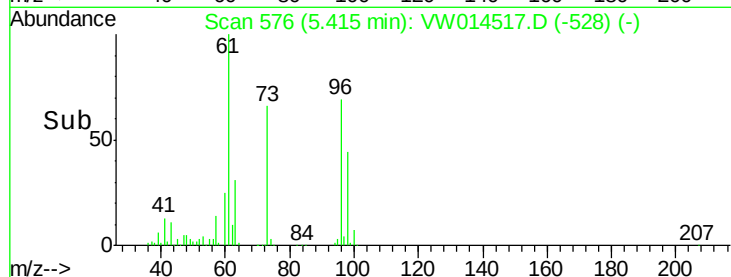
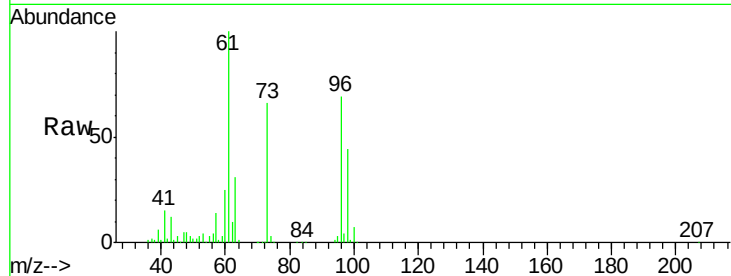
#19
Methyl tert-butyl Ether
Concen: 49.097 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 534039
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1

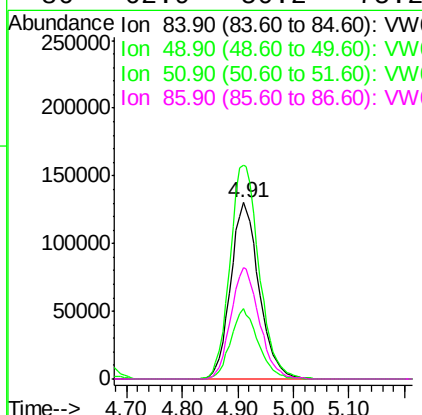
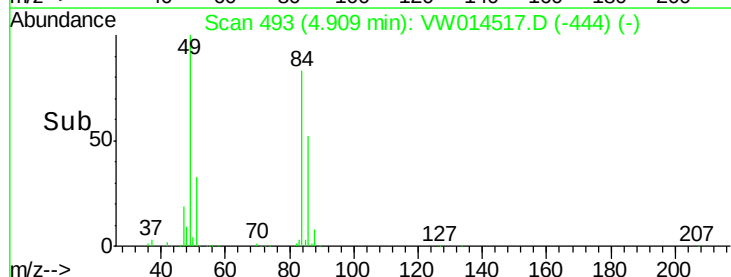
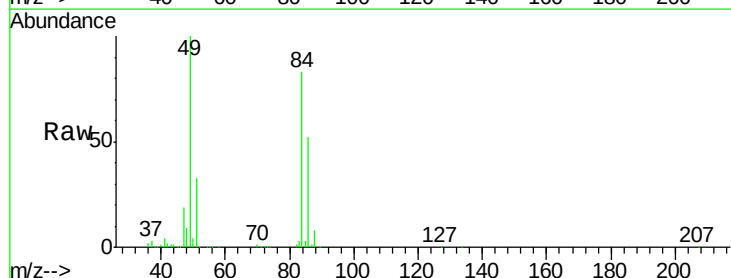
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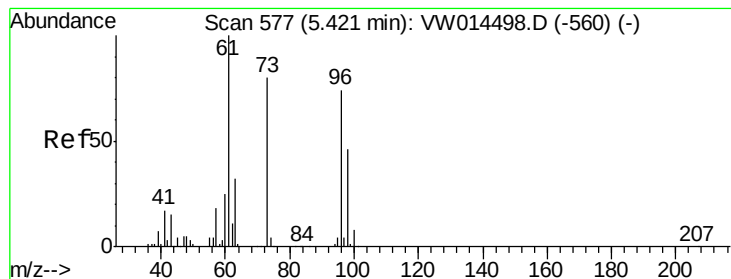
apatel
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#20
Methylene Chloride
Concen: 52.692 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 84 Resp: 461156
Ion Ratio Lower Upper
84 100
49 121.2 94.4 141.6
51 39.7 29.5 44.3
86 62.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 52.612 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

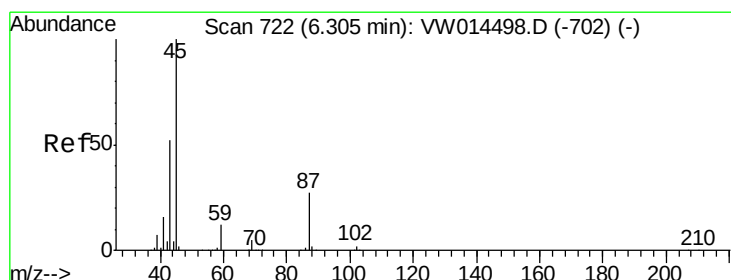
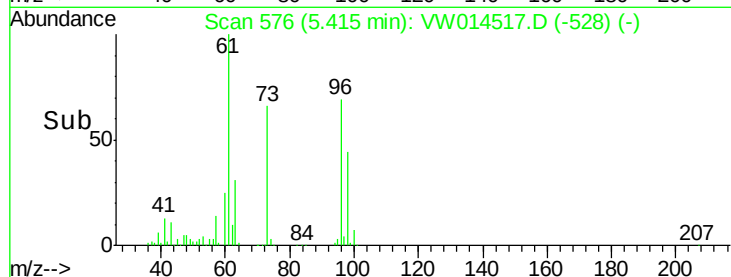
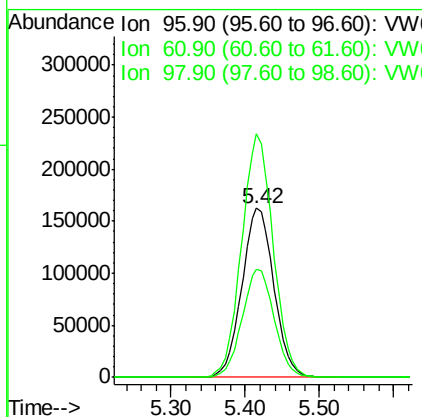
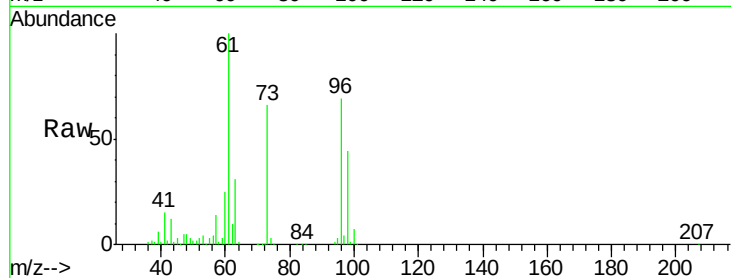
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	489520
Ion	Ratio	Lower	Upper
96	100		
61	144.0	107.8	161.6
98	63.5	49.4	74.0

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#22

Diisopropyl ether

Concen: 52.291 ug/l

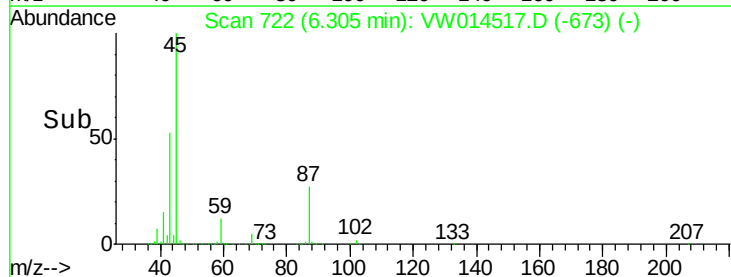
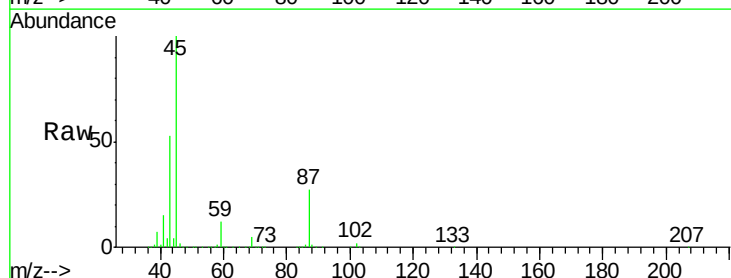
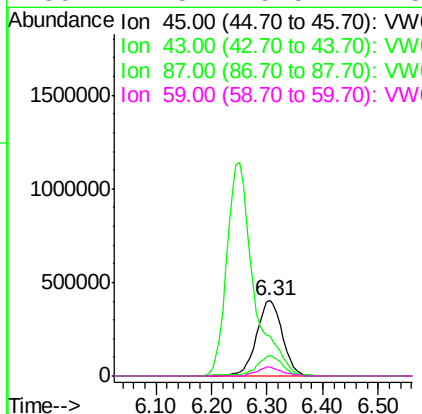
RT: 6.31 min Scan# 722

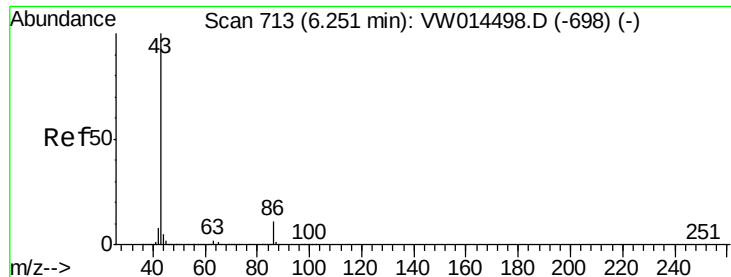
Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion:	45	Resp:	1310600
Ion	Ratio	Lower	Upper
45	100		
43	52.6	41.4	62.0
87	27.3	22.2	33.2
59	11.5	9.5	14.3





#23

Vinyl Acetate

Concen: 250.278 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 3787920

Ion Ratio Lower Upper

43 100

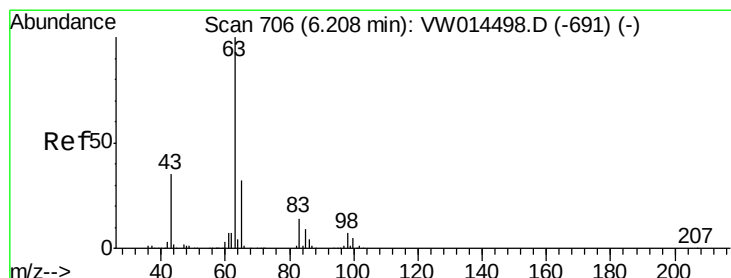
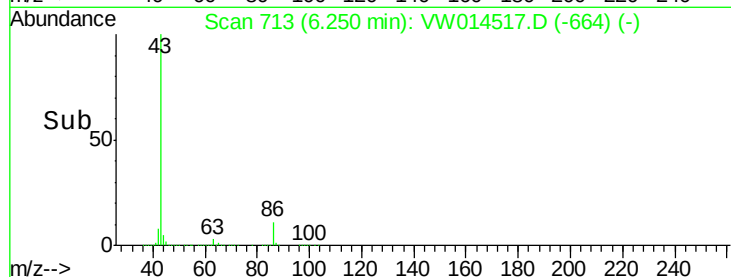
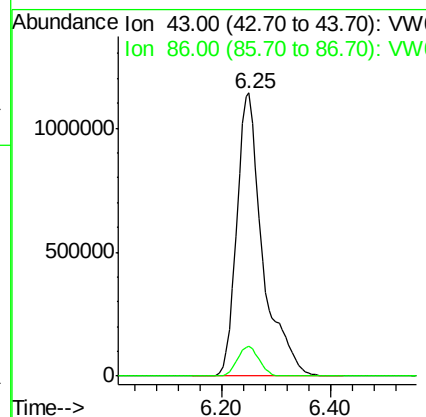
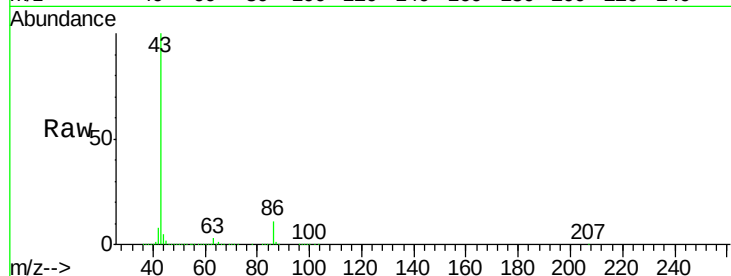
86 10.6 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 52.672 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

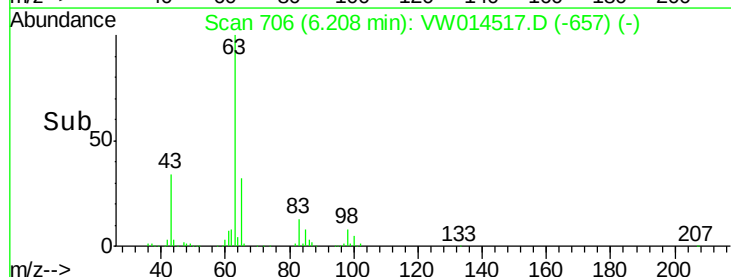
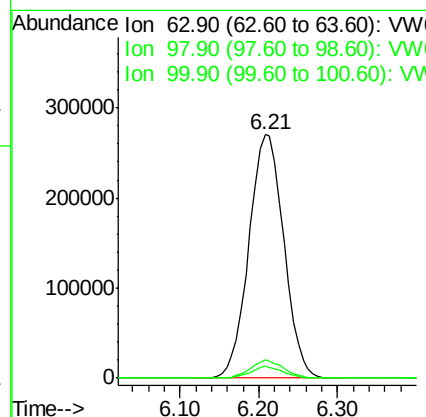
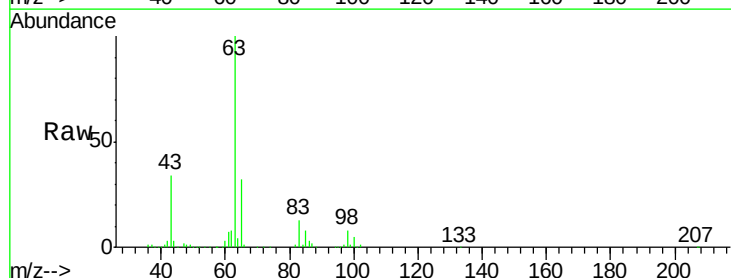
Tgt Ion: 63 Resp: 832735

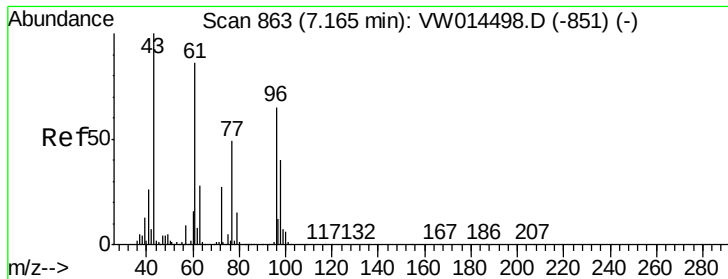
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 246.935 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 688878

Ion Ratio Lower Upper

43 100

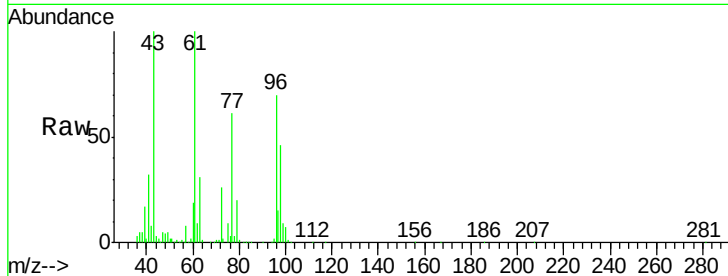
72 25.6 21.9 32.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.16

250000

200000

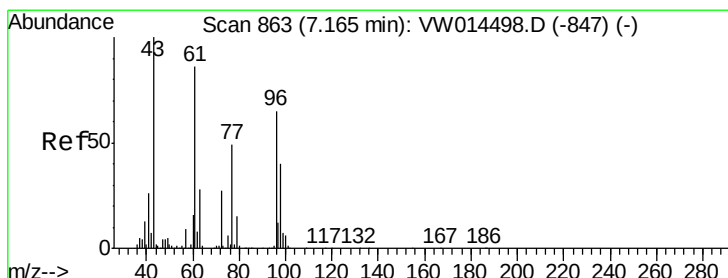
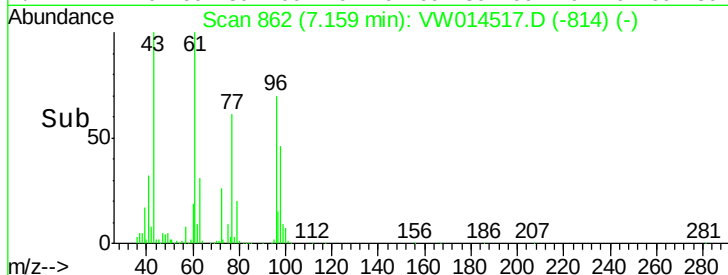
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 53.939 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014517.D

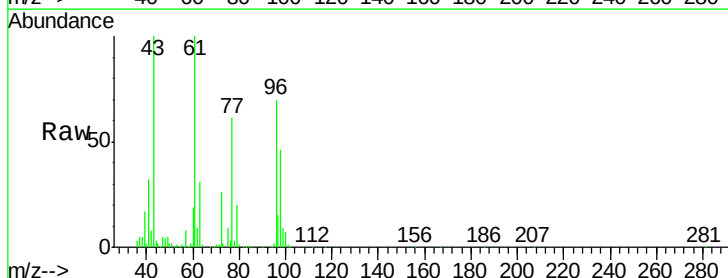
Acq: 06 Jan 2020 10:48

Tgt Ion: 77 Resp: 472131

Ion Ratio Lower Upper

77 100

97 24.2 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.16

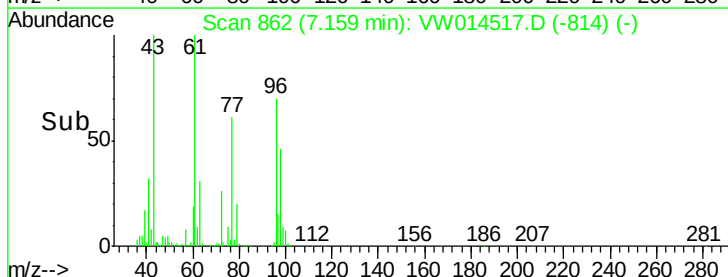
150000

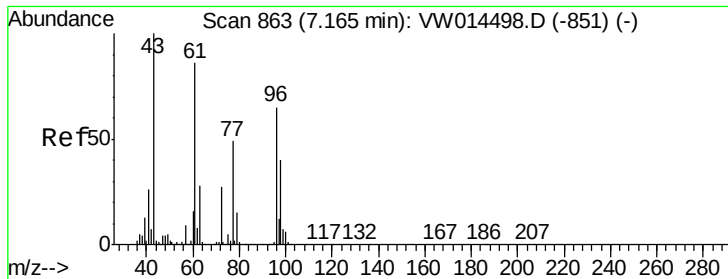
100000

50000

0

Time-->





#27

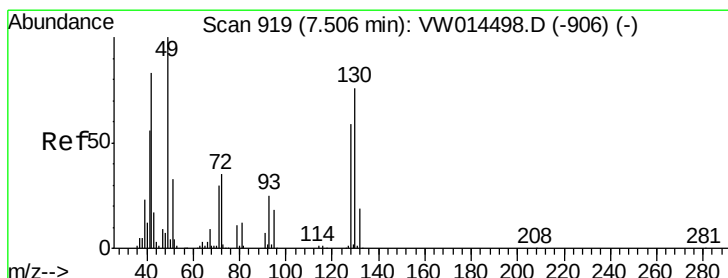
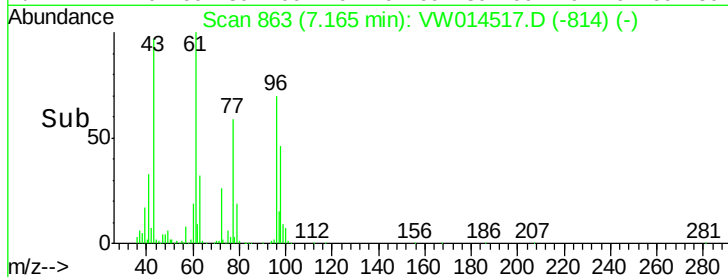
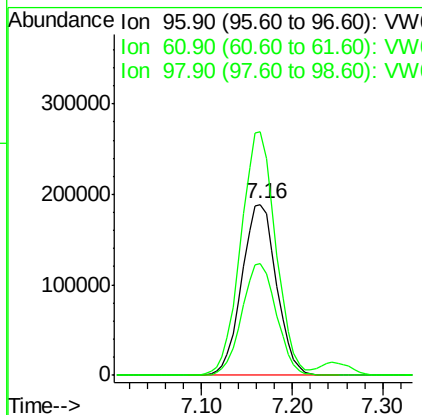
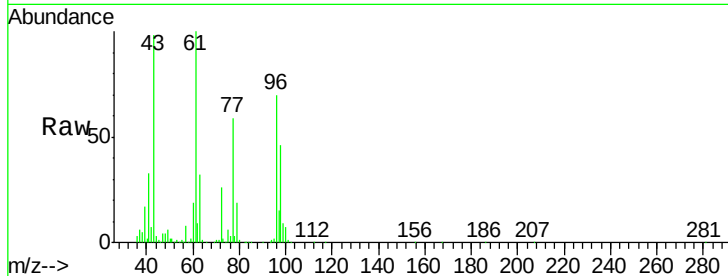
cis-1,2-Dichloroethene
Concen: 51.302 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	501556		
61	143.2	0.0	274.8	
98	65.3	0.0	128.6	

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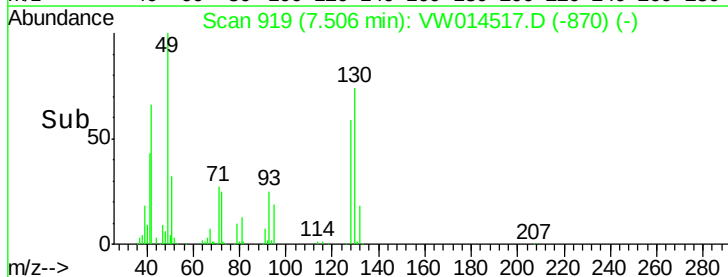
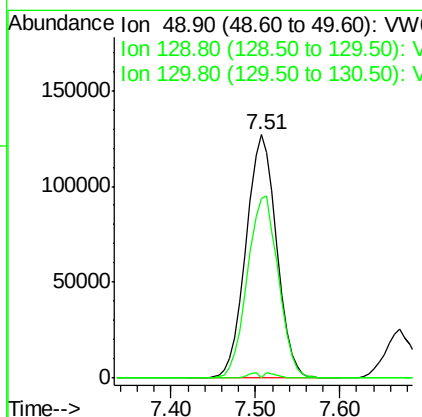
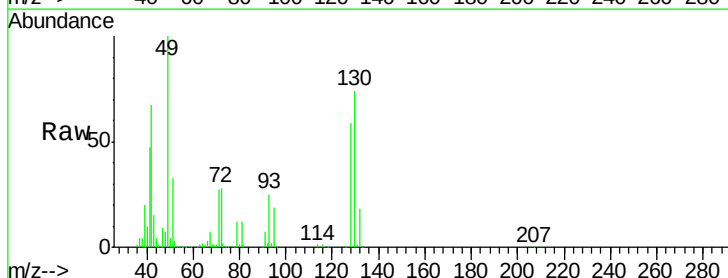
apatel
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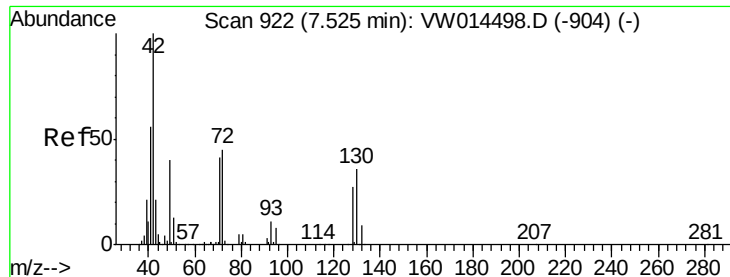


#28

Bromochloromethane
Concen: 50.428 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	312566		
129	0.9	0.0	2.0	
130	75.9	62.5	93.7	





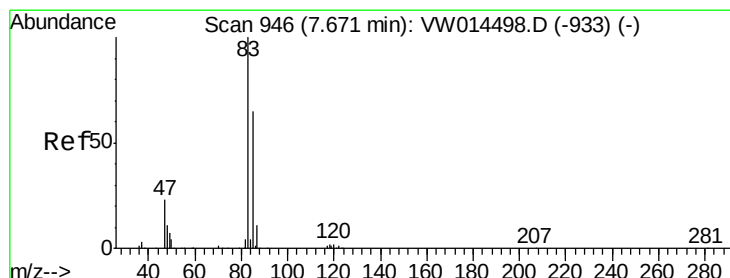
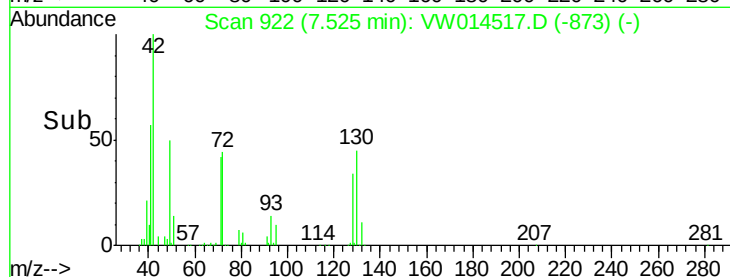
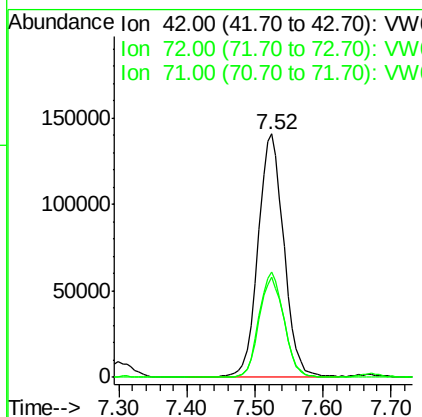
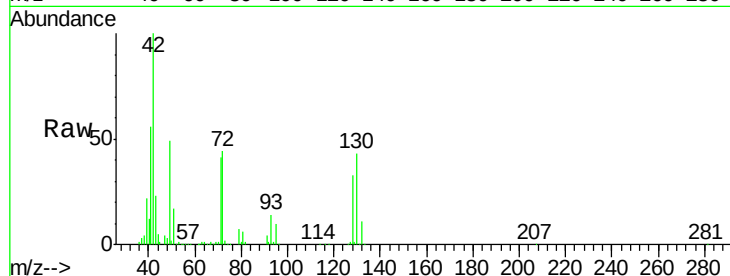
#29
Tetrahydrofuran
Concen: 216.074 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.5	51.7
71	40.2	32.0	48.0

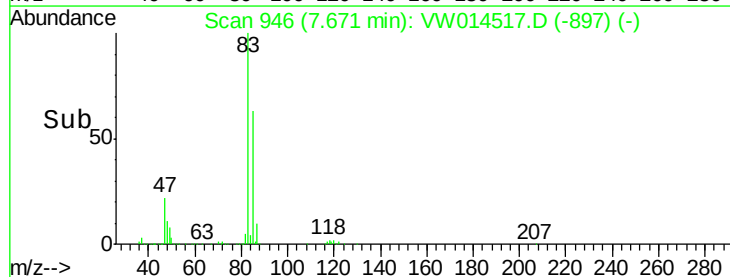
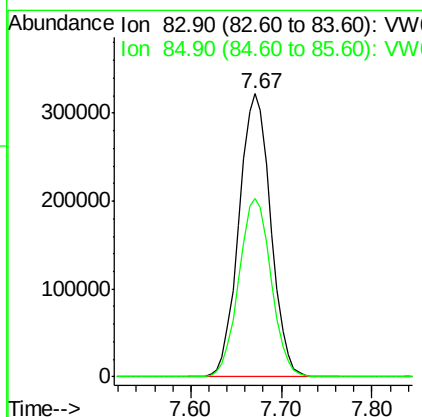
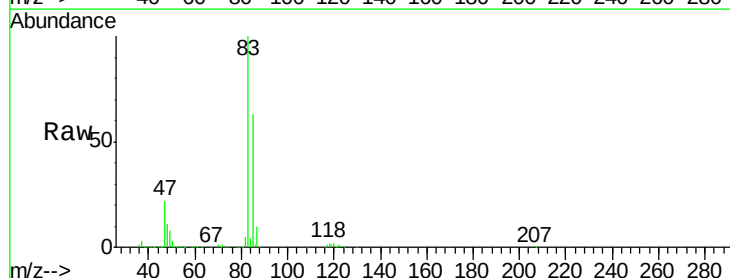
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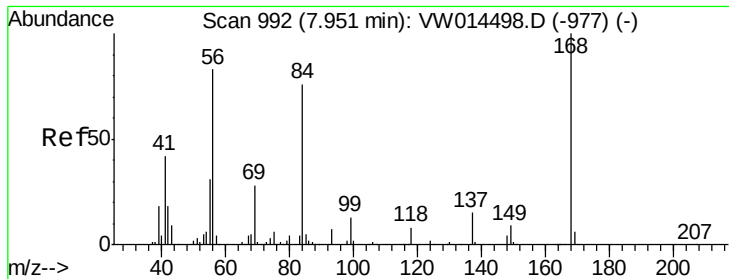
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#30
Chloroform
Concen: 52.855 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.2	78.2





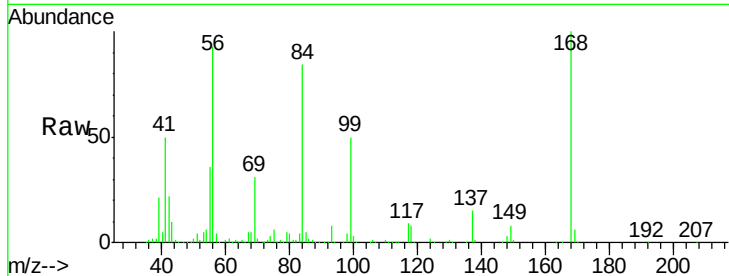
#31
Cyclohexane
Concen: 51.963 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

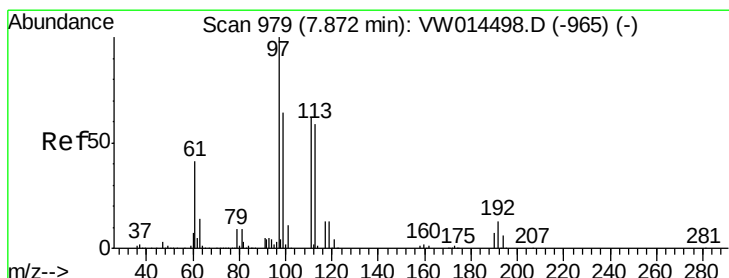
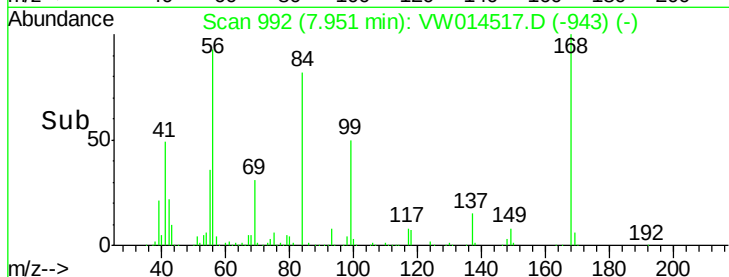
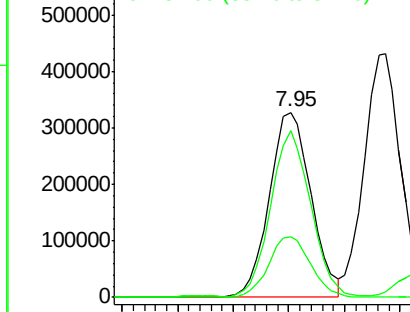
Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.8	40.2
84	89.3	71.8	107.6

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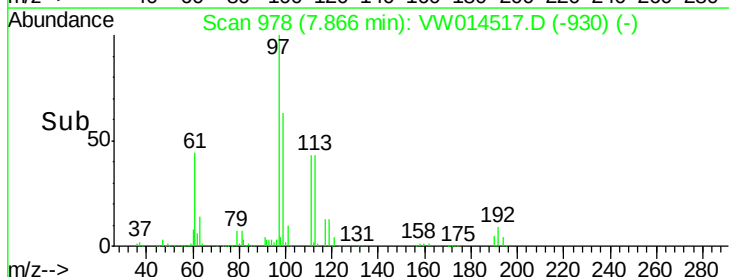
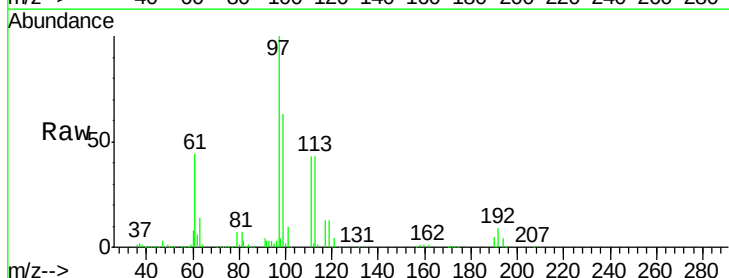
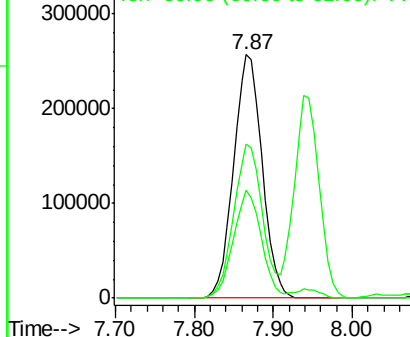
Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

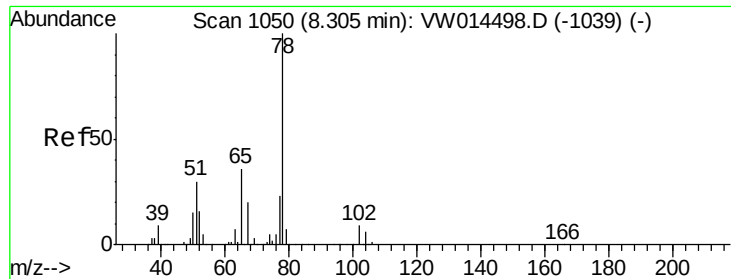


#32
1,1,1-Trichloroethane
Concen: 54.446 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	43.2	33.8	50.8

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





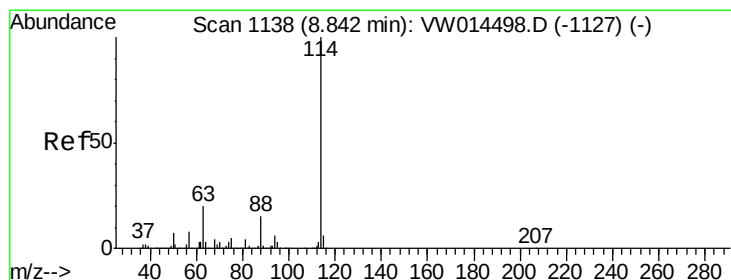
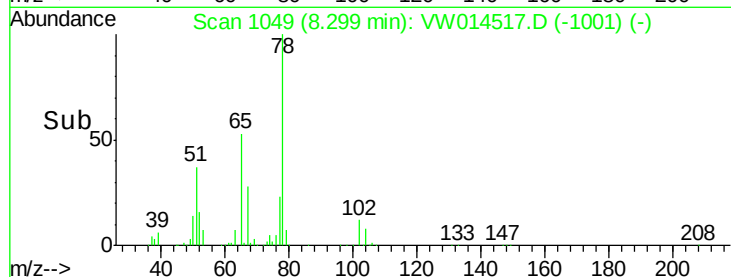
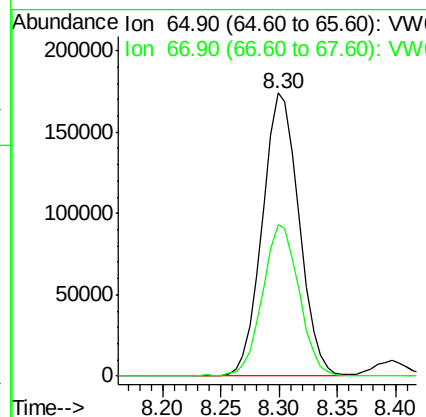
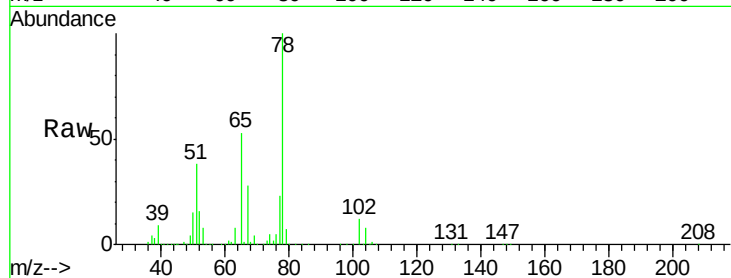
#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 65 Resp: 379502
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4

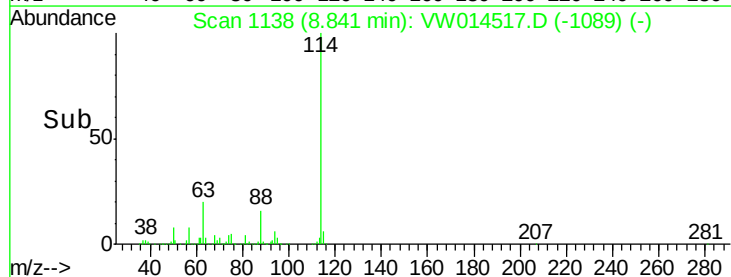
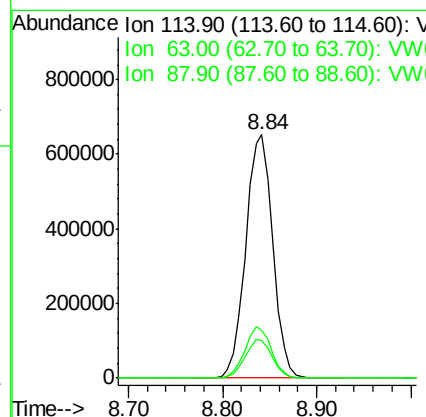
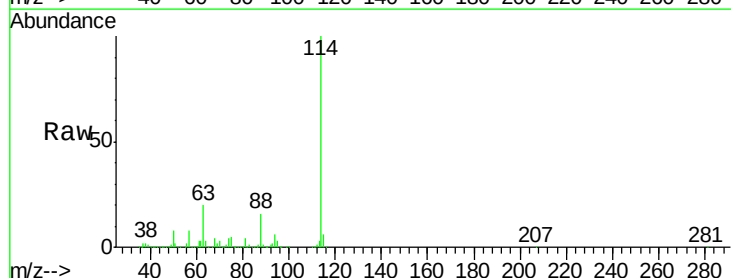
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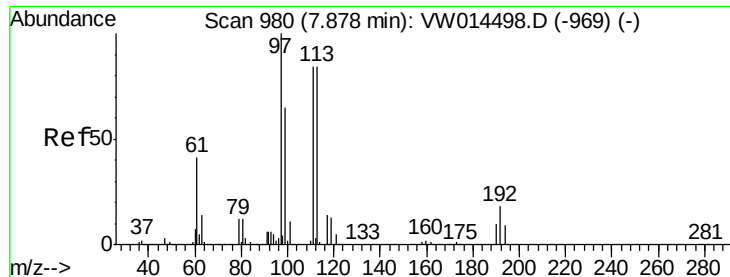
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion: 114 Resp: 1305228
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.4
 88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.093 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

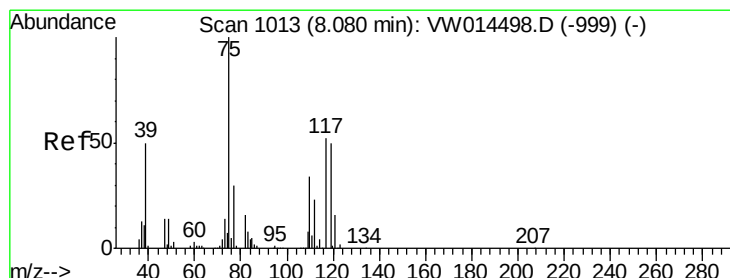
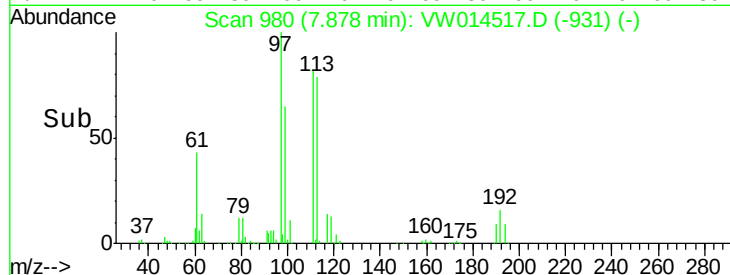
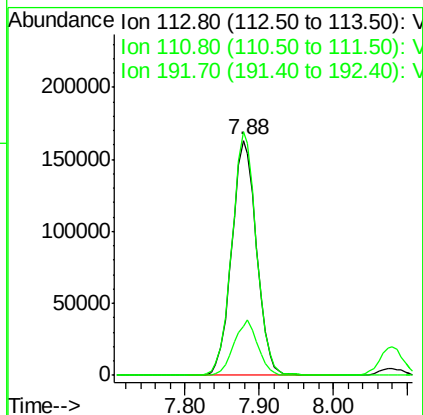
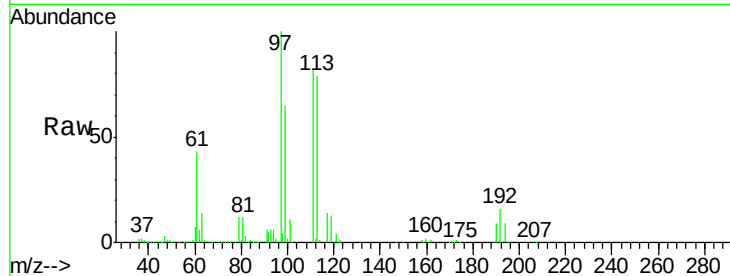
ClientSampled :

VSTDCCC050

Tgt Ion:	113	Resp:	381137
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	22.5	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 54.640 ug/l

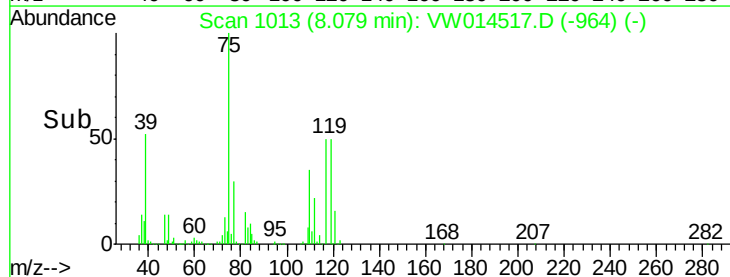
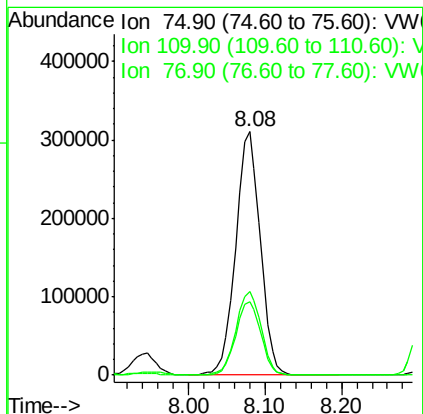
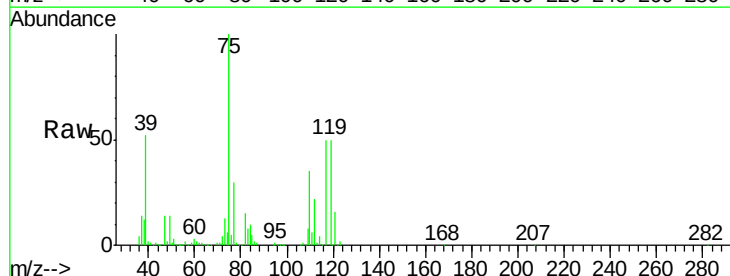
RT: 8.08 min Scan# 1013

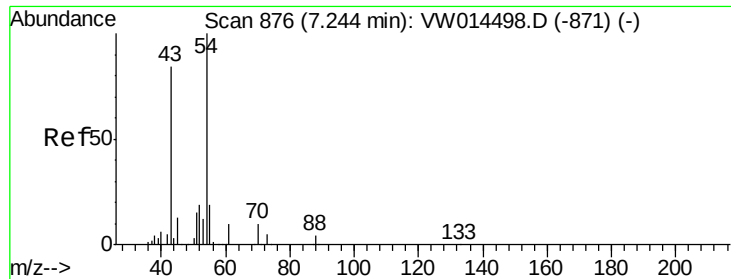
Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion:	75	Resp:	687536
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.5
77	31.1	24.7	37.1





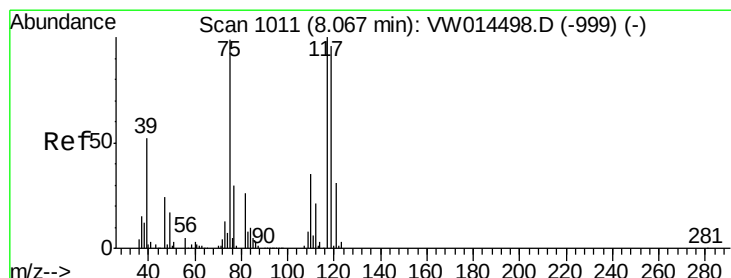
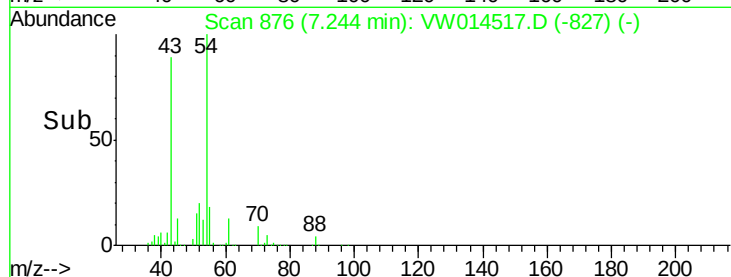
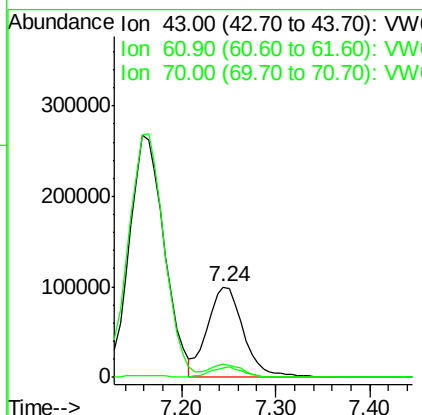
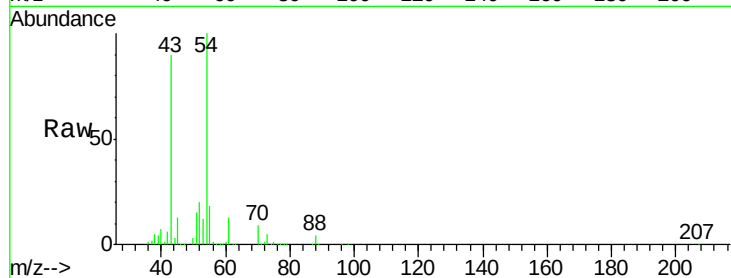
#37
Ethyl Acetate
Concen: 45.969 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.7	17.5
70	10.5	9.0	13.6

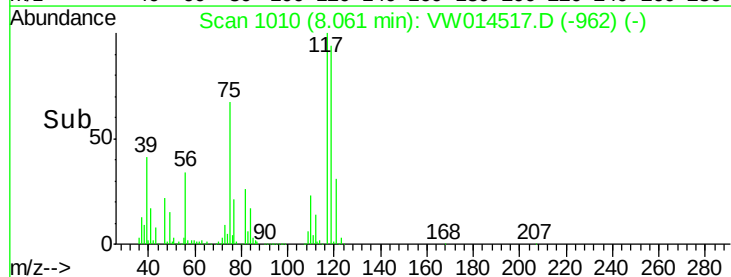
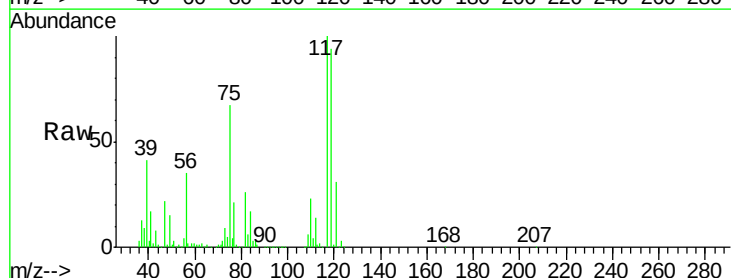
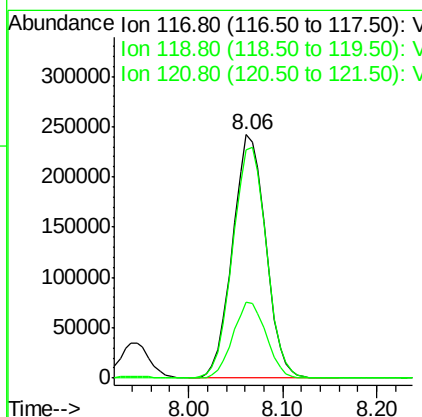
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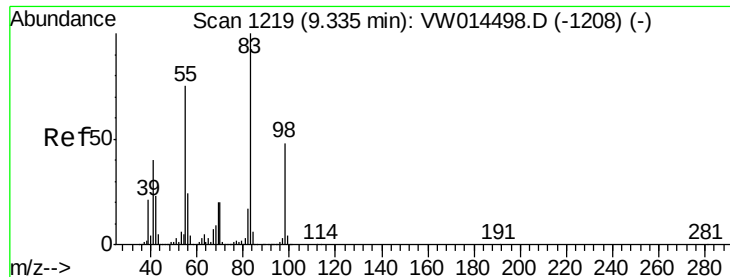
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#38
Carbon Tetrachloride
Concen: 54.623 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.0	115.6
121	31.1	24.6	36.8





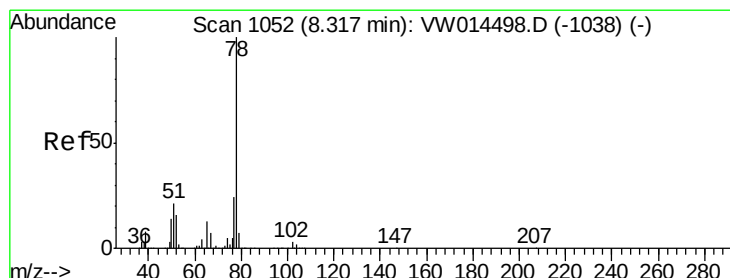
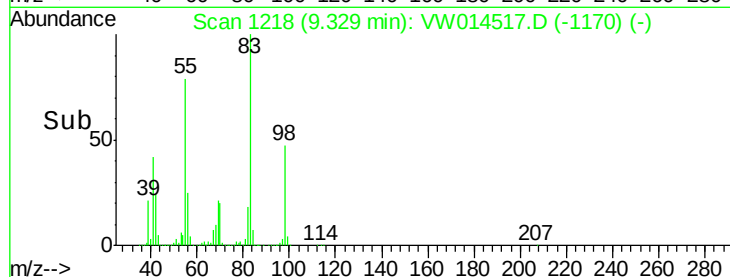
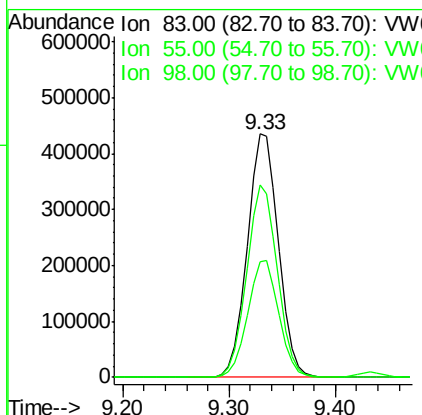
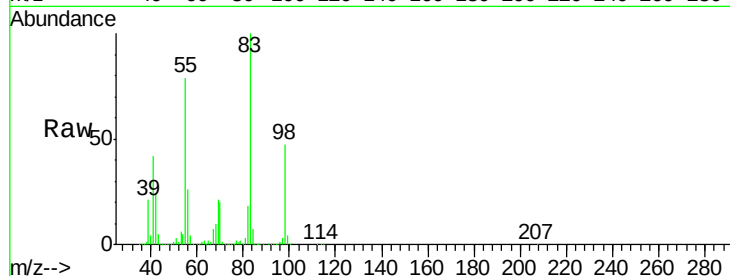
#39
Methylcyclohexane
Concen: 55.247 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.9	60.1	90.1
98	47.5	38.8	58.2

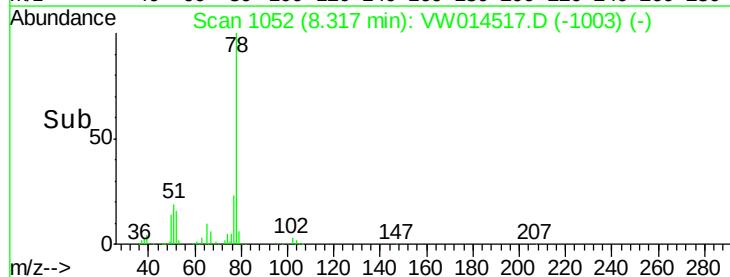
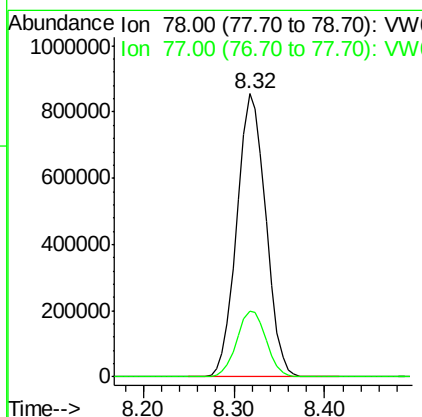
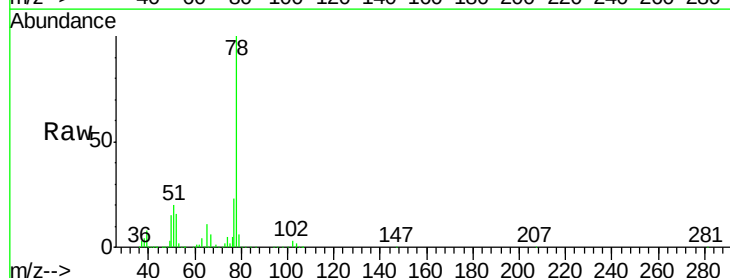
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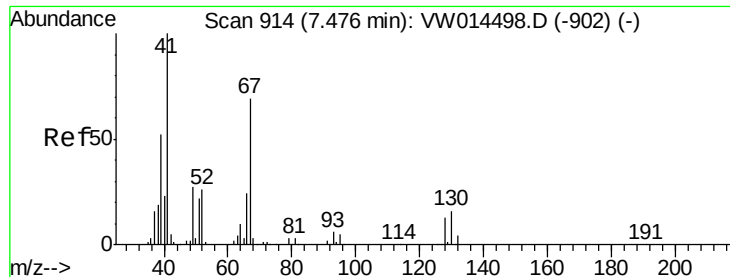
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#40
Benzene
Concen: 53.182 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





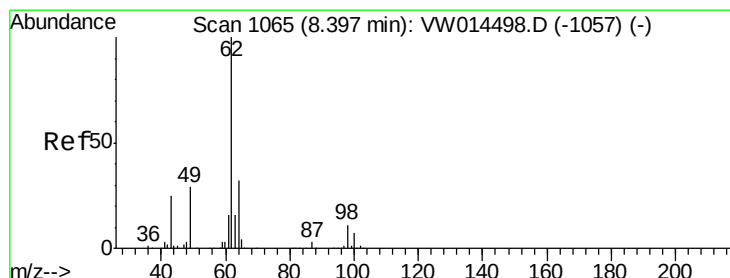
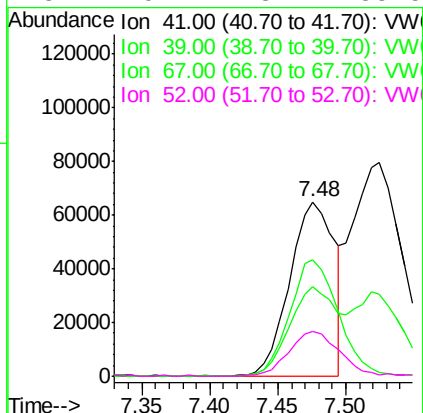
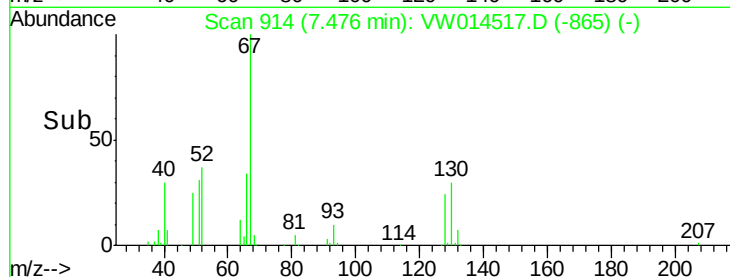
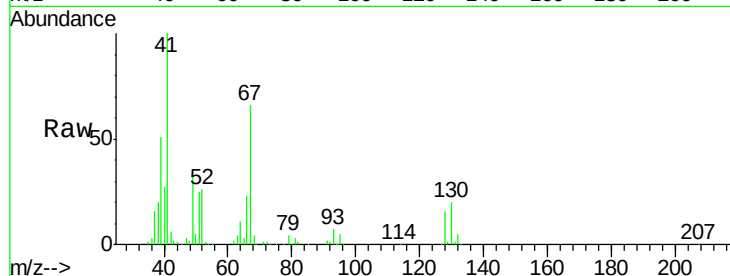
#41
Methacrylonitrile
Concen: 46.550 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.0	46.0	69.0
67	73.0	60.8	91.2
52	29.2	23.7	35.5

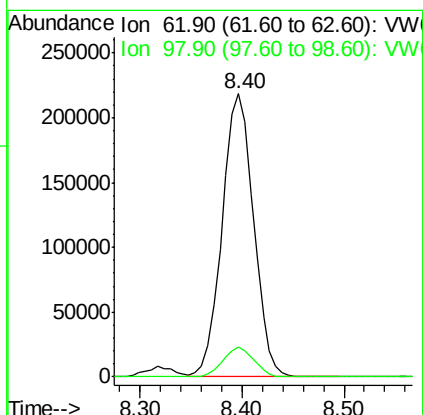
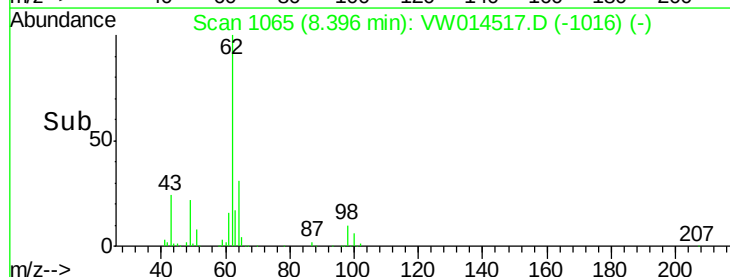
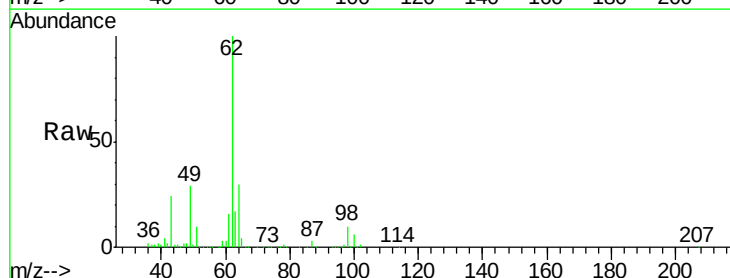
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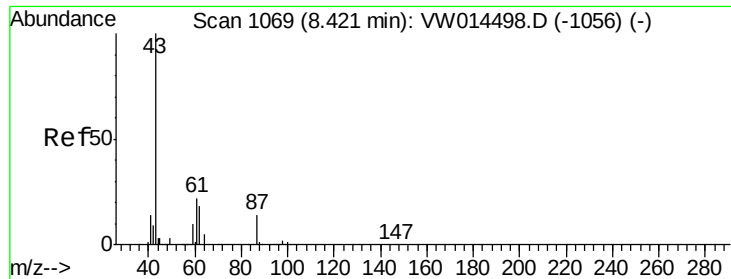
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#42
1,2-Dichloroethane
Concen: 50.363 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 46.232 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

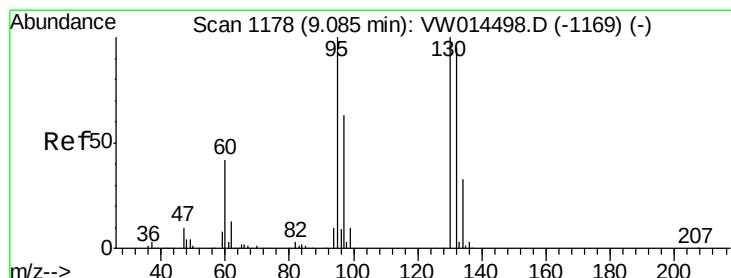
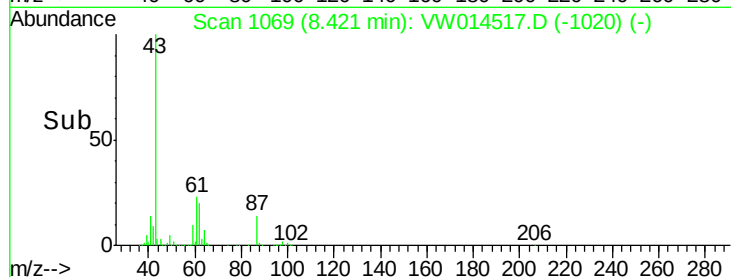
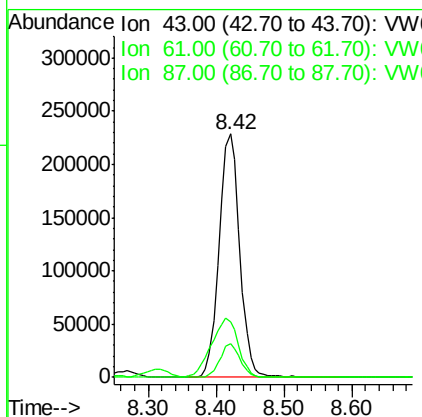
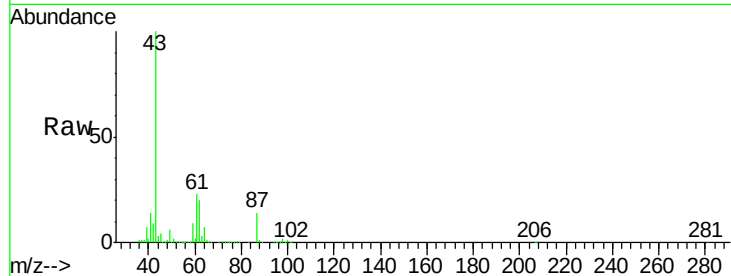
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	479098
Ion Ratio		Lower	Upper
43	100		
61	31.4	24.7	37.1
87	13.3	11.1	16.7

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#44

Trichloroethene

Concen: 52.344 ug/l

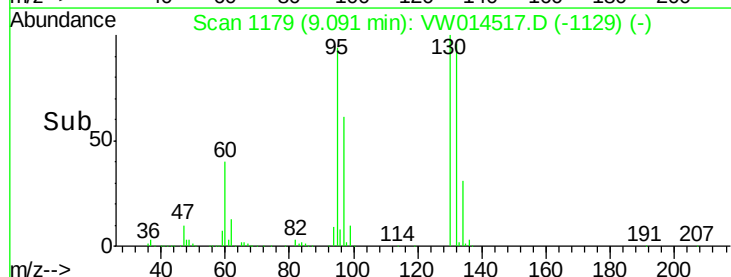
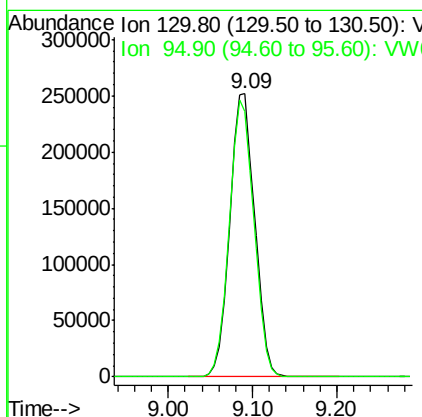
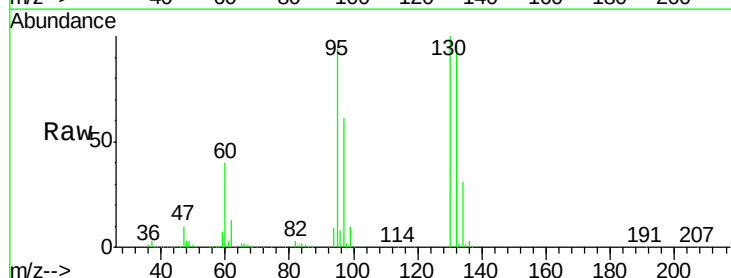
RT: 9.09 min Scan# 1179

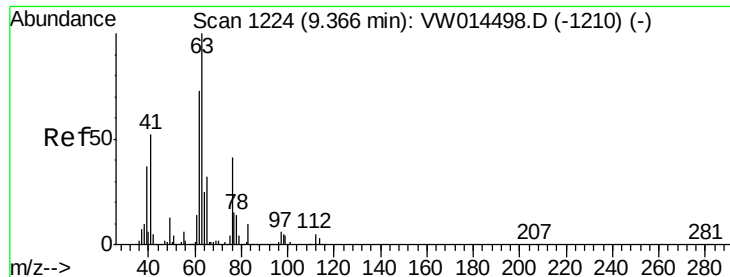
Delta R.T. 0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion:	130	Resp:	504262
Ion Ratio		Lower	Upper
130	100		
95	93.8	0.0	199.4





#45

1,2-Dichloropropane

Concen: 52.180 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 63 Resp: 455860

Ion Ratio Lower Upper

63 100

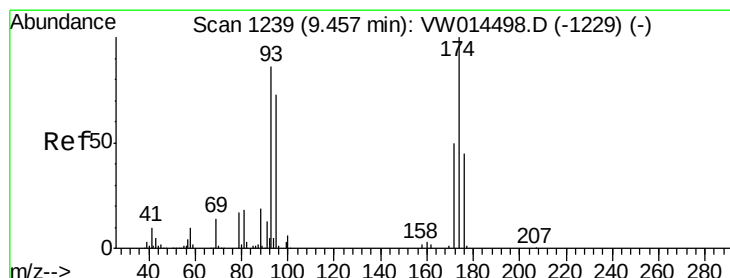
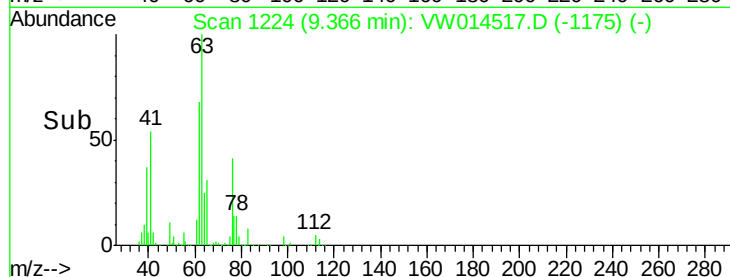
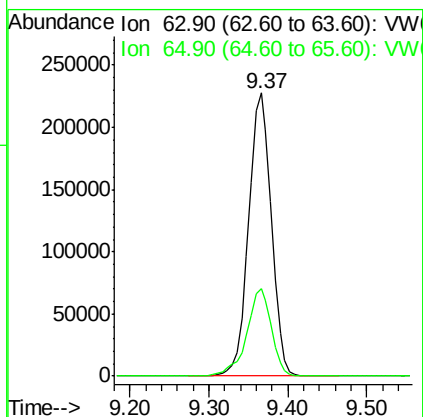
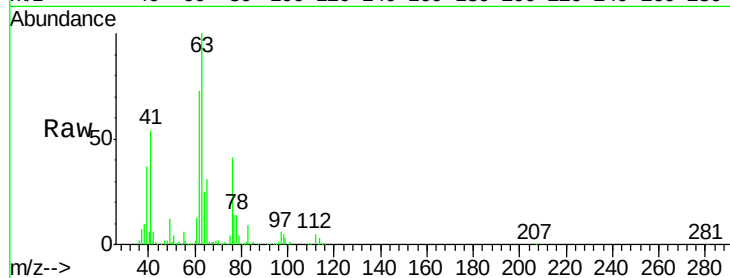
65 31.2 25.6 38.4

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#46

Dibromomethane

Concen: 48.586 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

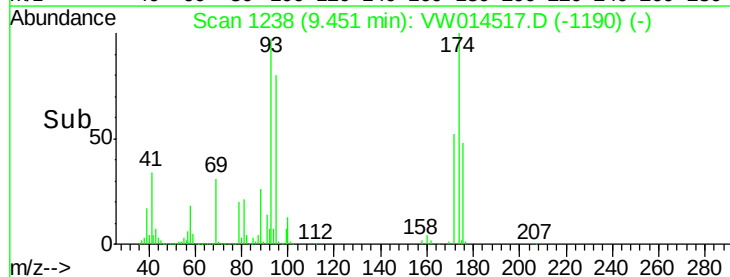
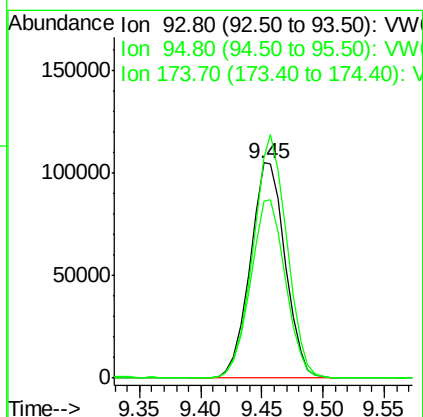
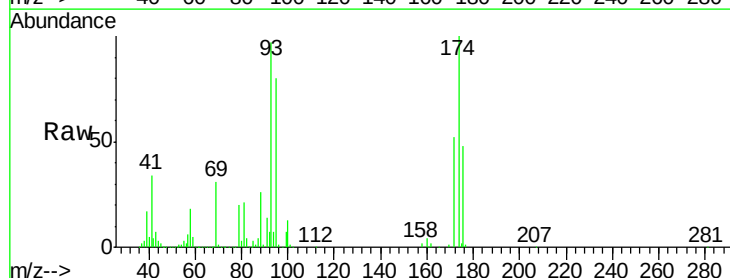
Tgt Ion: 93 Resp: 209546

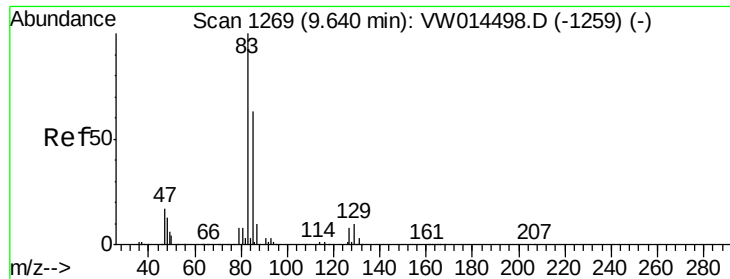
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 109.1 89.1 133.7





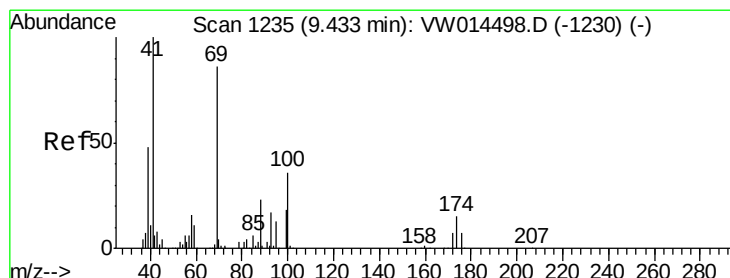
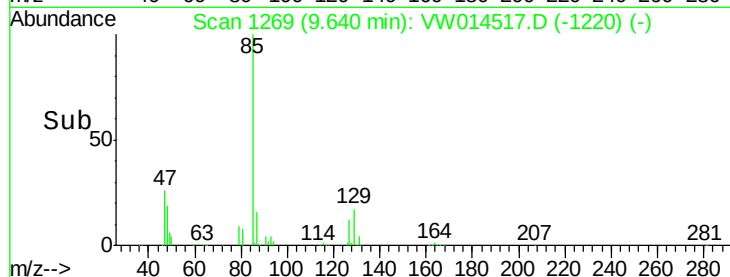
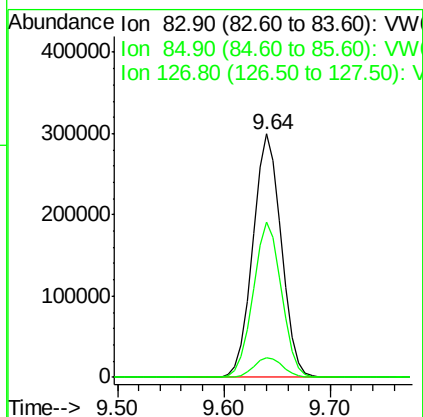
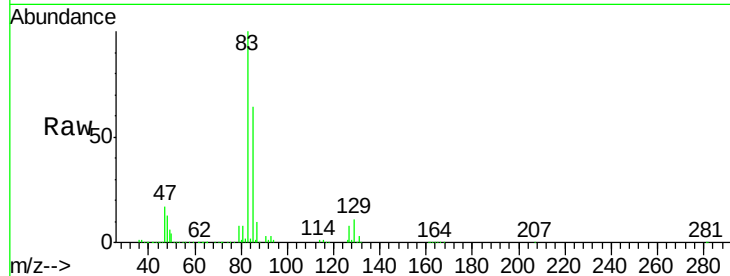
#47
Bromodichloromethane
Concen: 52.557 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.6	76.0
127	7.8	6.6	9.8

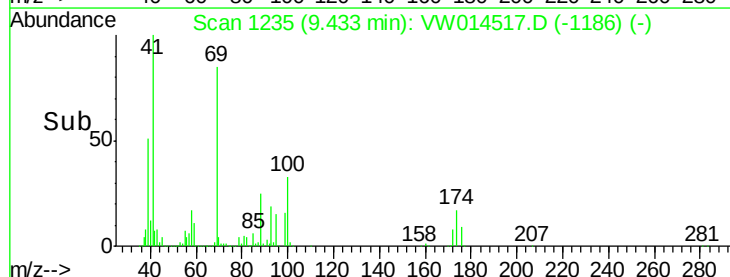
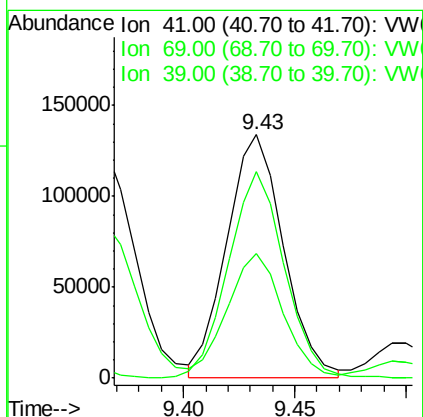
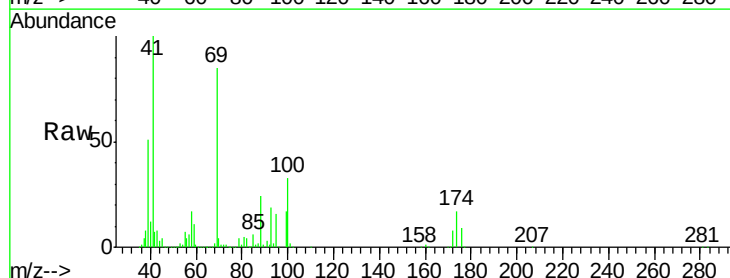
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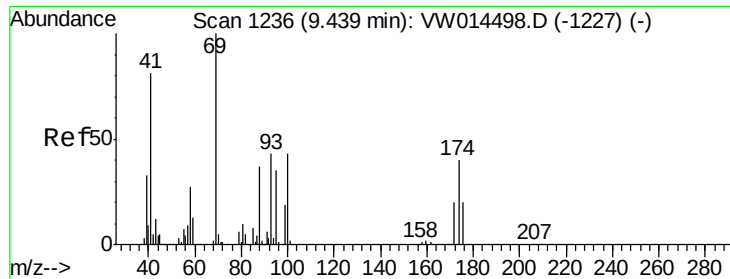
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#48
Methyl methacrylate
Concen: 46.908 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.3	68.3	102.5
39	47.1	36.8	55.2





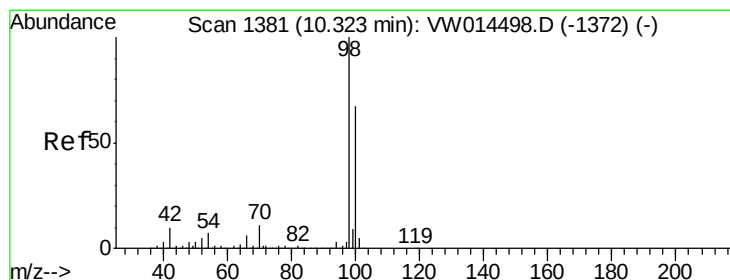
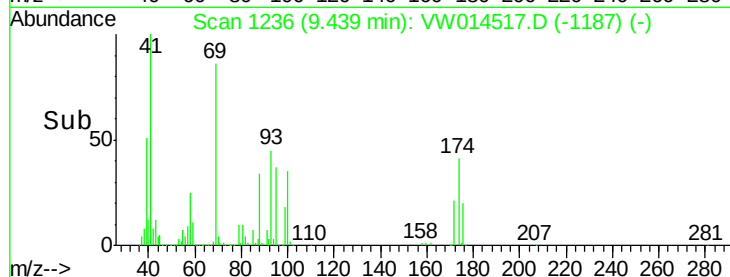
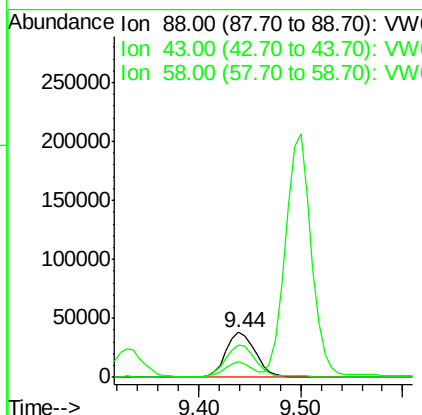
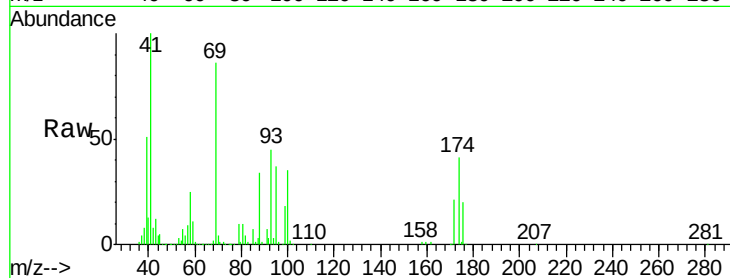
#49
1,4-Dioxane
Concen: 955.454 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 88 Resp: 77072
Ion Ratio Lower Upper
88 100
43 31.8 24.9 37.3
58 76.2 56.9 85.3

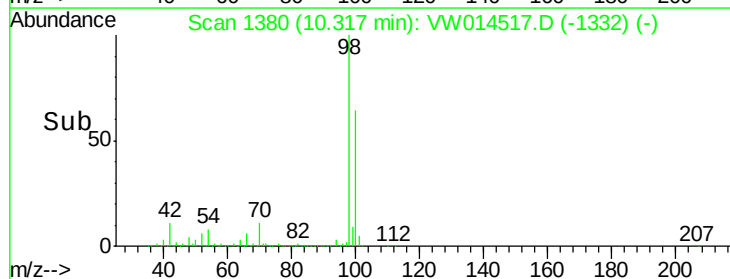
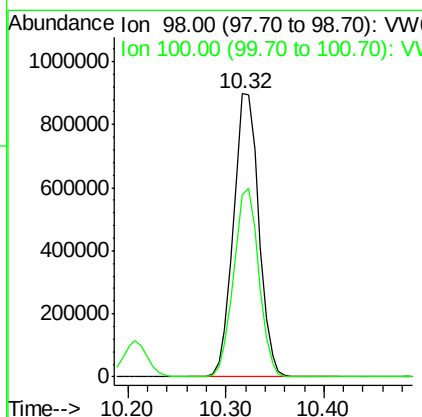
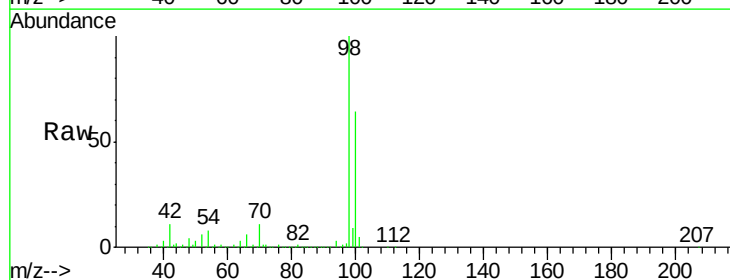
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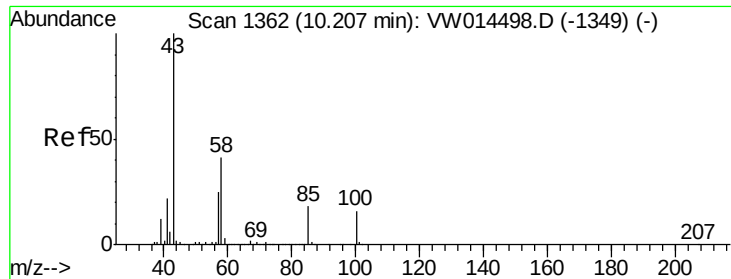
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#50
Toluene-d8
Concen: 52.119 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 98 Resp: 1622512
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6





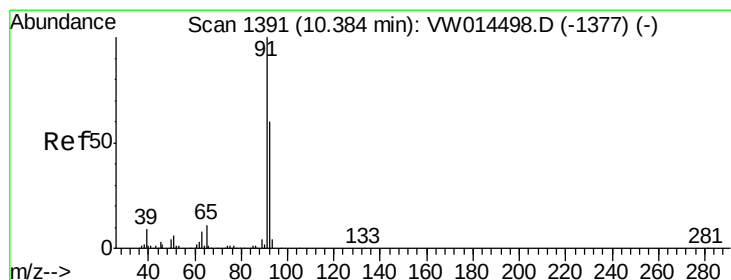
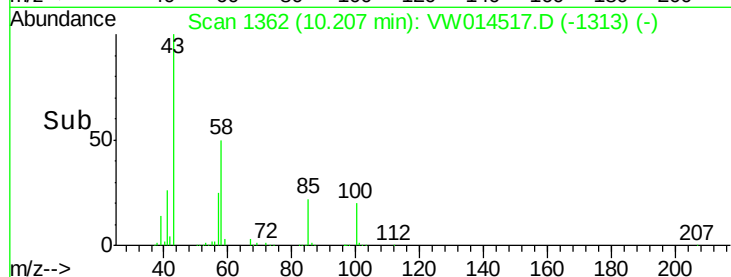
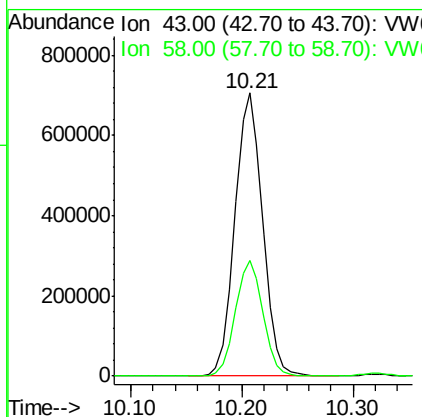
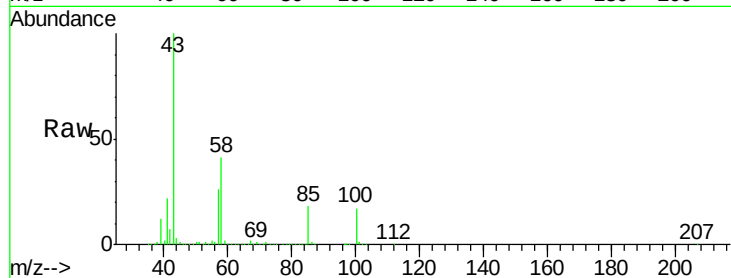
#51
4-Methyl-2-Pentanone
Concen: 225.491 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 1213474
Ion Ratio Lower Upper
43 100
58 40.4 32.7 49.1

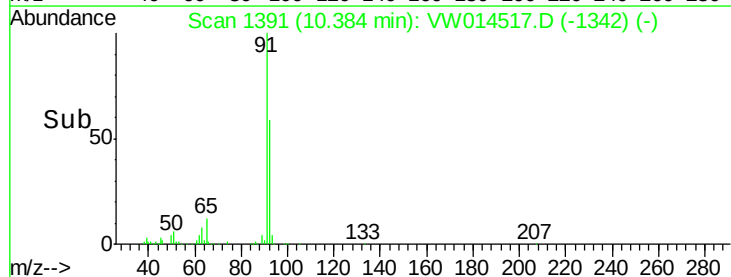
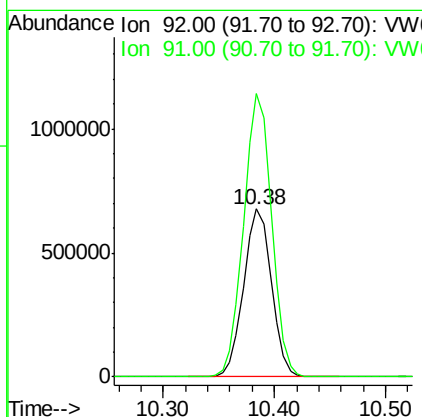
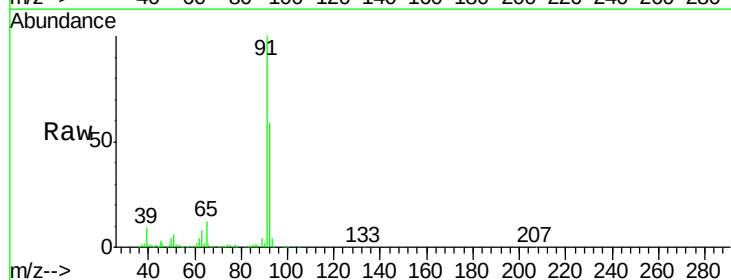
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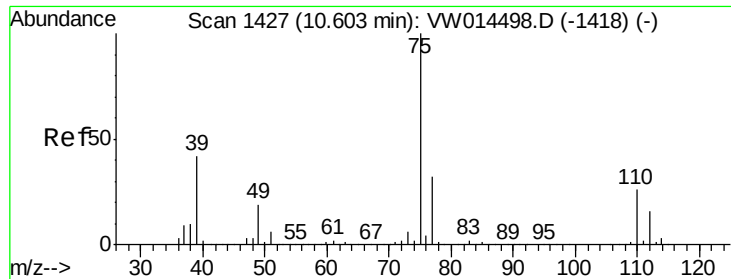
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#52
Toluene
Concen: 52.679 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 92 Resp: 1179887
Ion Ratio Lower Upper
92 100
91 169.5 134.1 201.1





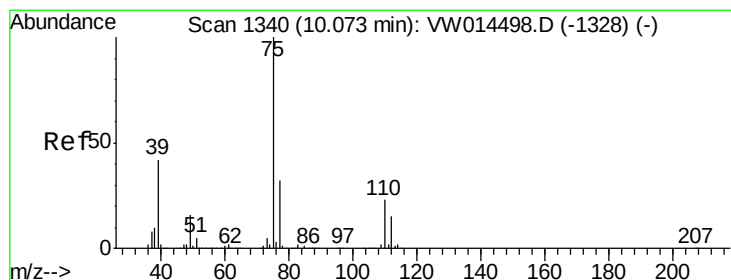
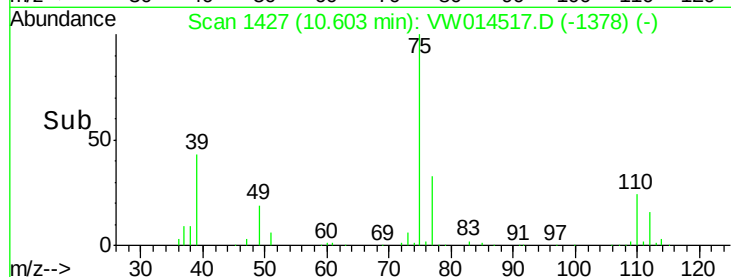
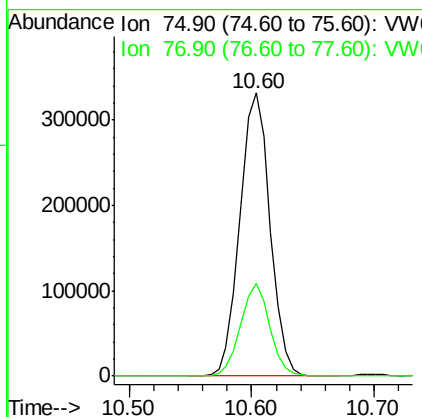
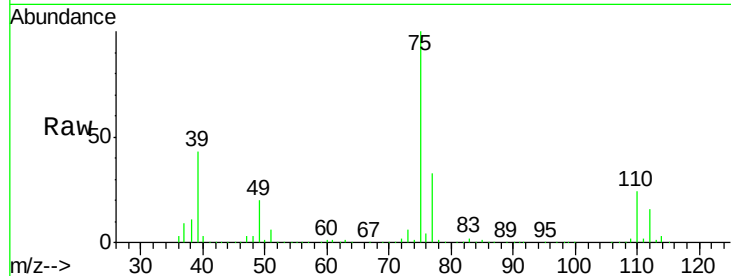
#53
t-1,3-Dichloropropene
Concen: 51.445 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 75 Resp: 567159
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

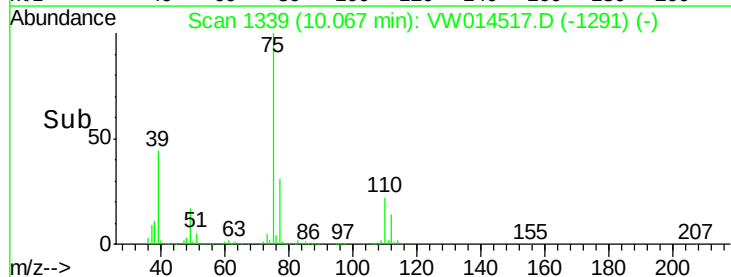
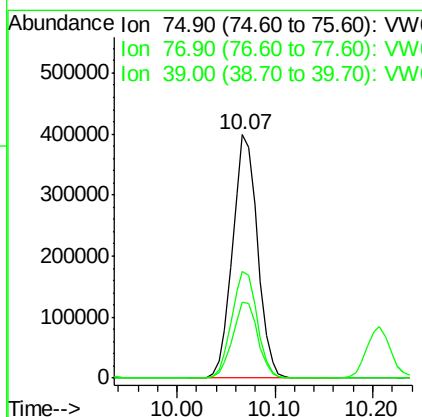
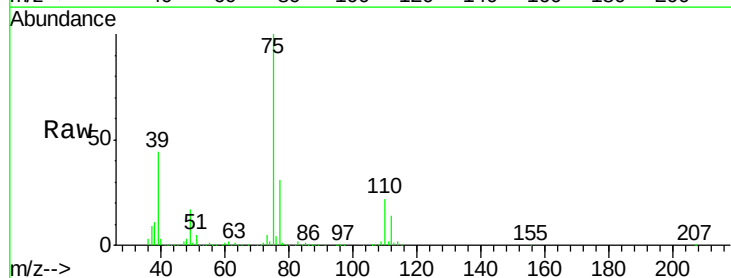
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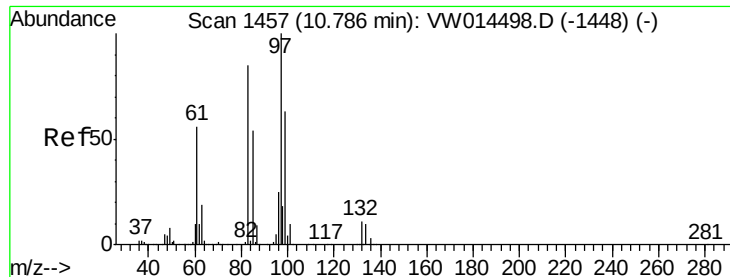
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#54
cis-1,3-Dichloropropene
Concen: 52.358 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 75 Resp: 705480
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 44.0 33.4 50.2





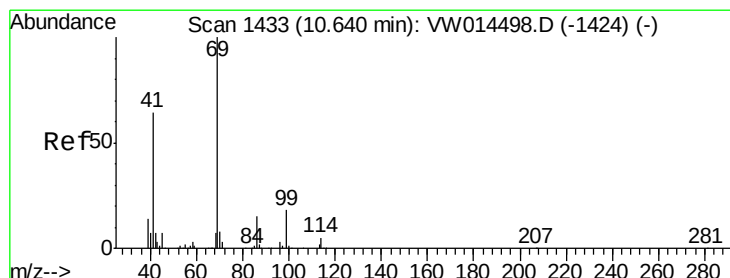
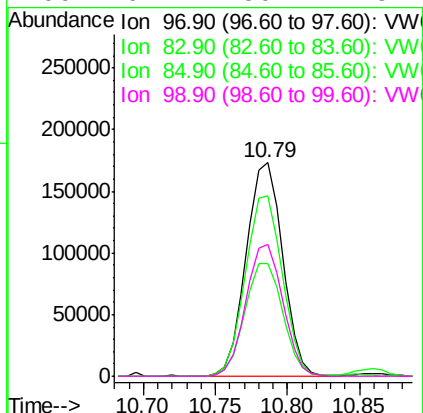
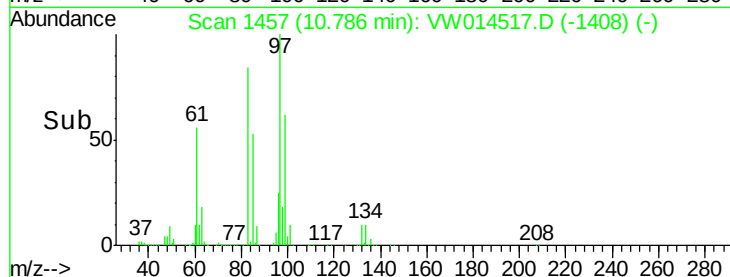
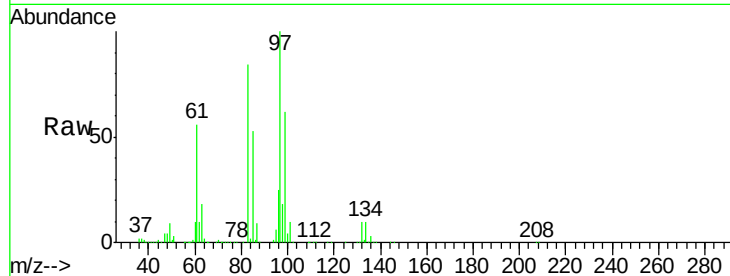
#55
 1,1,2-Trichloroethane
 Concen: 48.238 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	303845		
83	84.2	68.2	102.4	
85	53.0	43.0	64.4	
99	61.7	50.1	75.1	

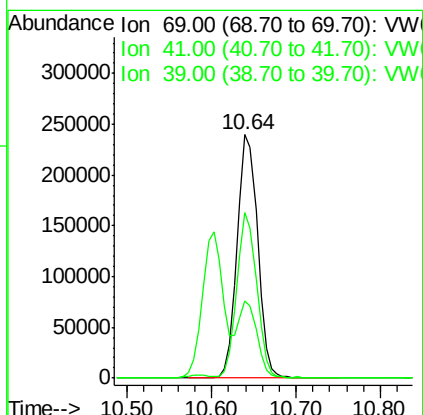
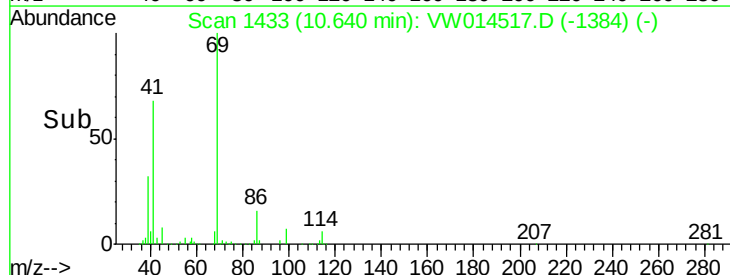
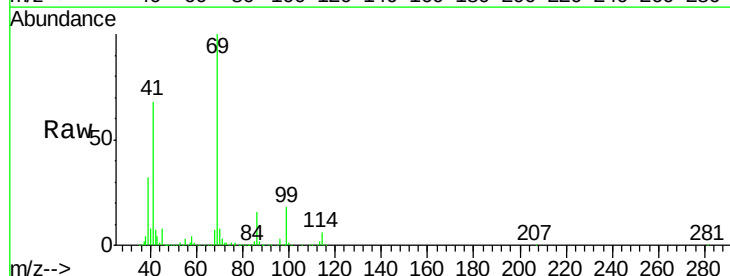
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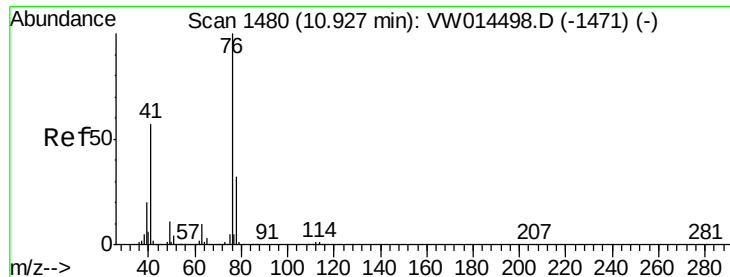
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#56
 Ethyl methacrylate
 Concen: 48.086 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	393632		
41	65.8	51.3	76.9	
39	27.2	21.0	31.6	





#57

1,3-Dichloropropane

Concen: 49.365 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 546496

Ion Ratio Lower Upper

76 100

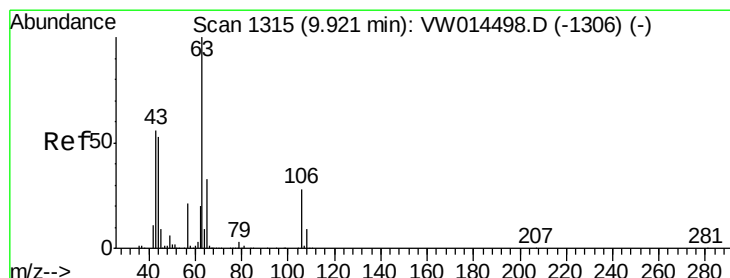
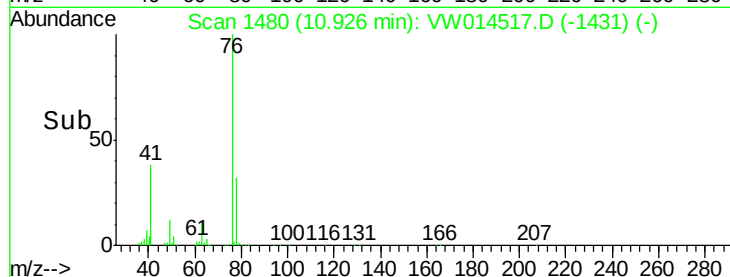
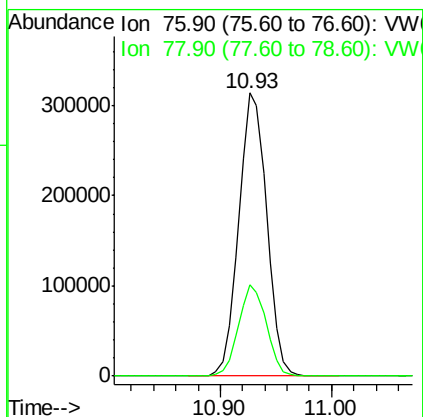
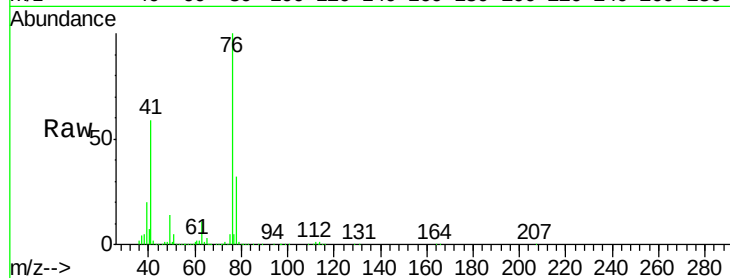
78 32.0 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 237.561 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014517.D

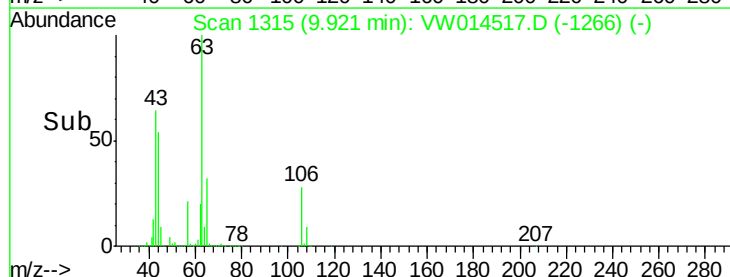
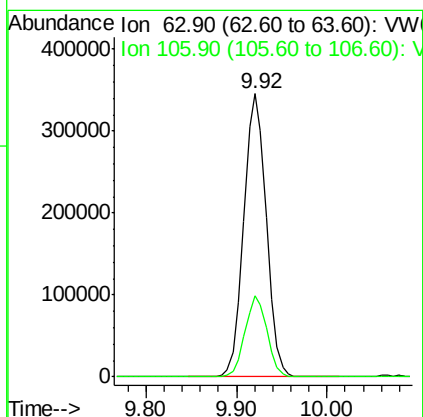
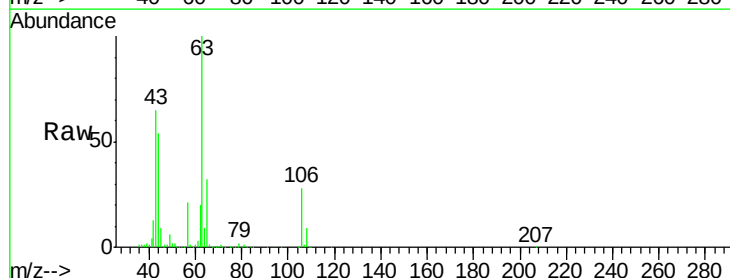
Acq: 06 Jan 2020 10:48

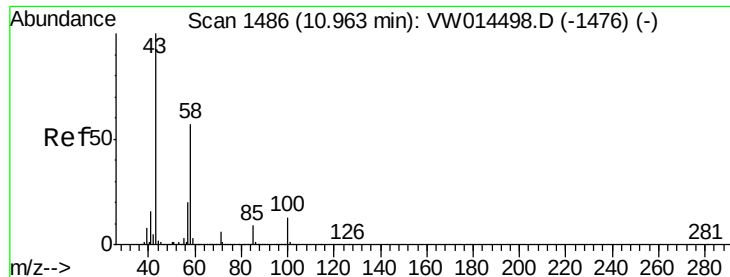
Tgt Ion: 63 Resp: 591437

Ion Ratio Lower Upper

63 100

106 28.0 23.0 34.6





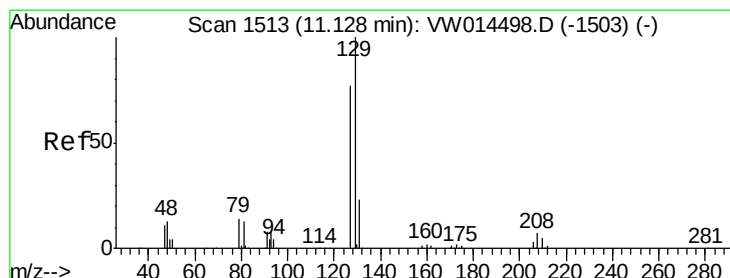
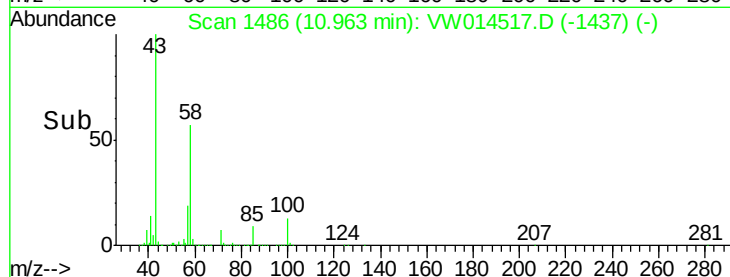
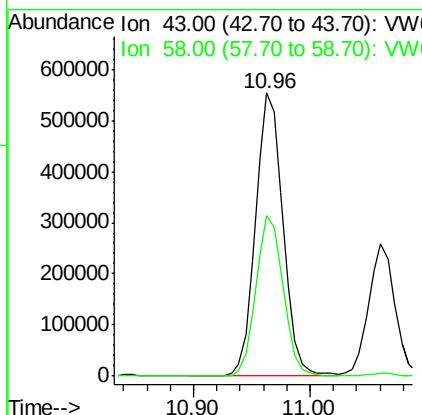
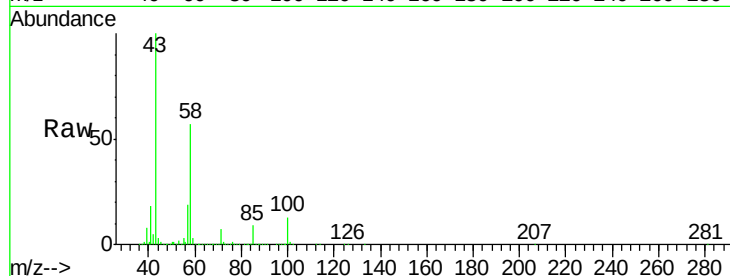
#59
2-Hexanone
Concen: 245.793 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 911478
Ion Ratio Lower Upper
43 100
58 56.5 28.7 86.3

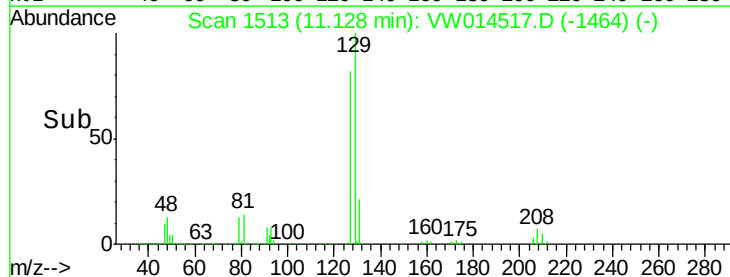
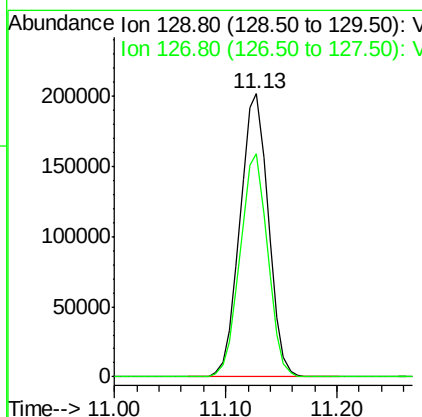
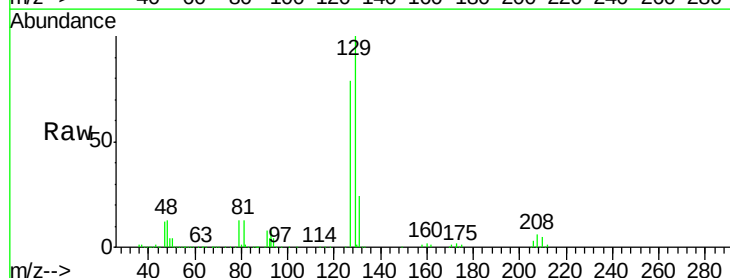
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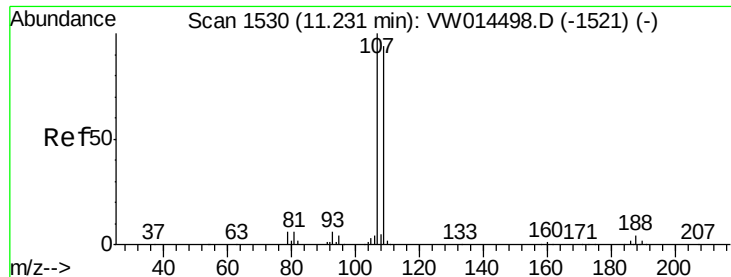
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#60
Dibromochloromethane
Concen: 50.214 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 129 Resp: 356872
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.5





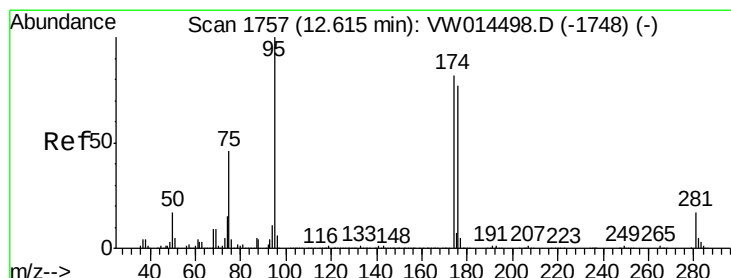
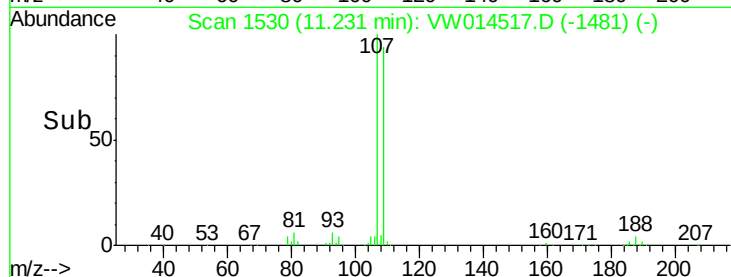
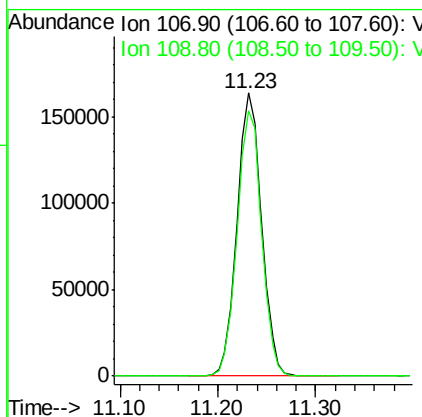
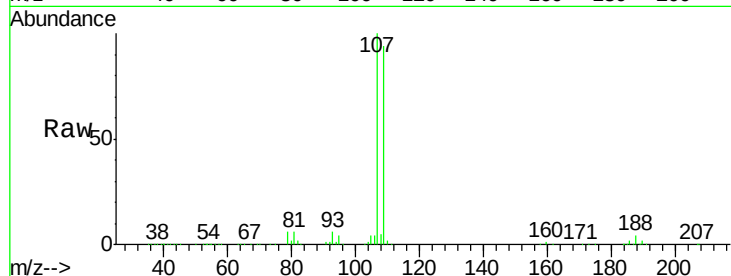
#61
 1,2-Dibromoethane
 Concen: 47.557 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.1	112.7

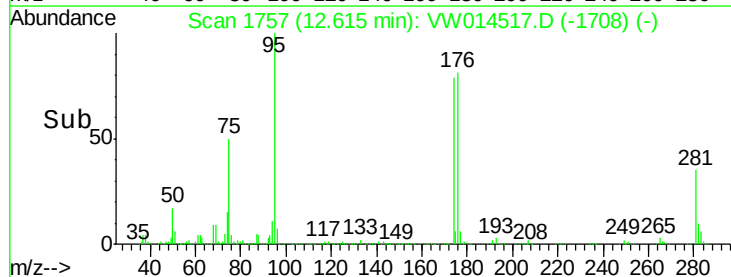
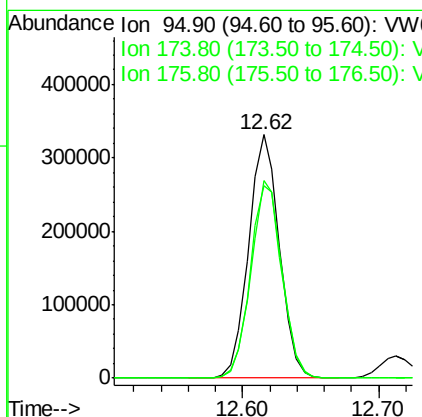
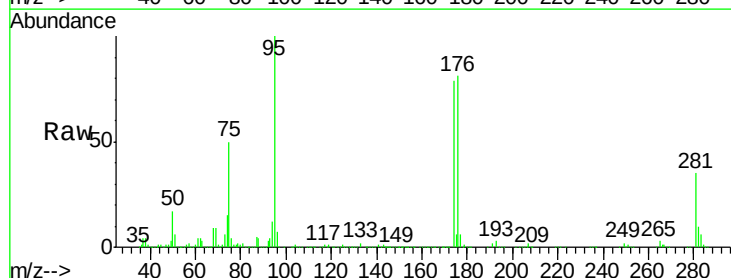
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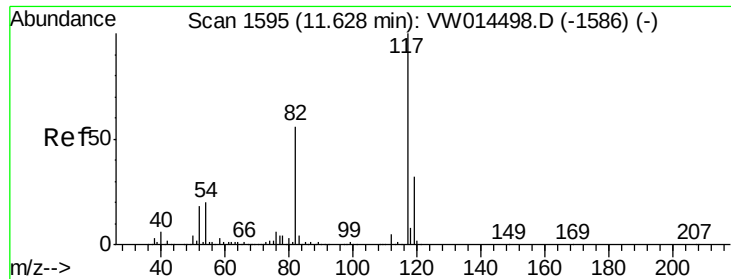
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.600 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	168.6
176	81.9	0.0	162.0





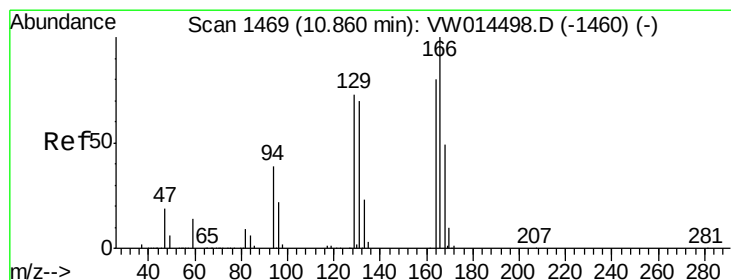
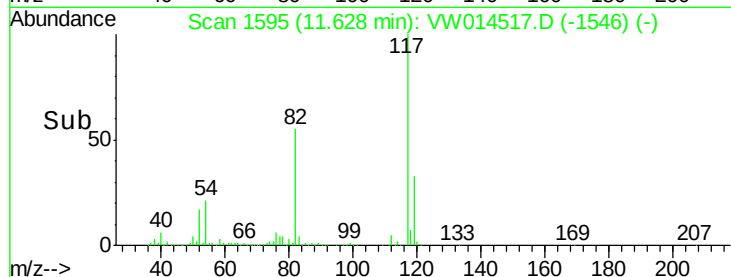
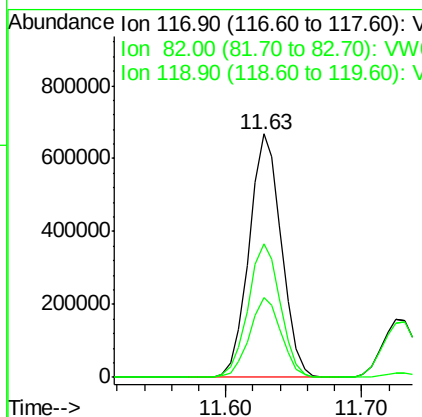
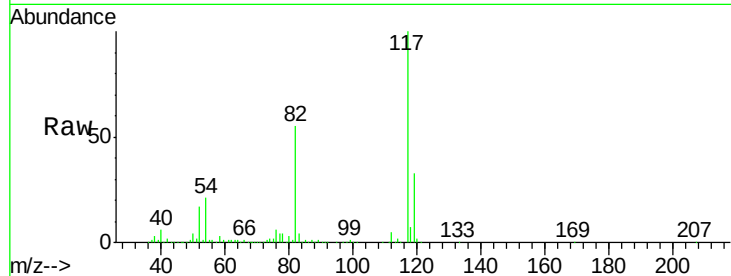
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	67.0
119	32.6	25.7	38.5

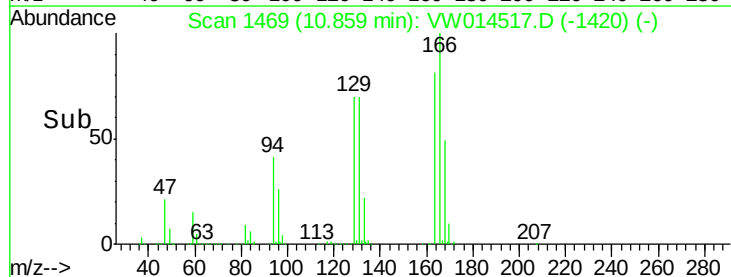
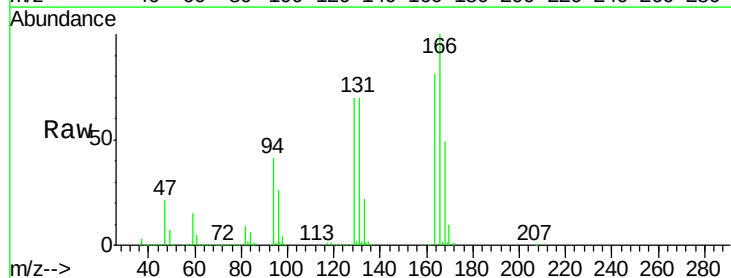
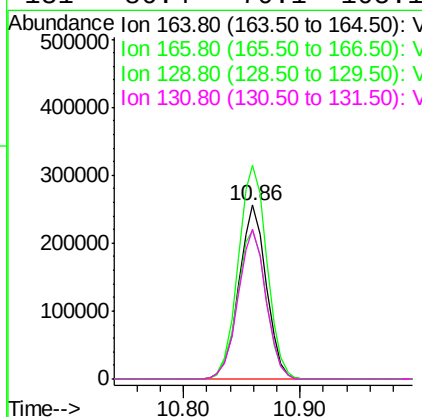
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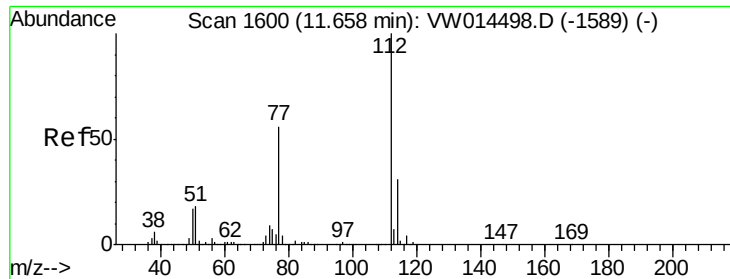
apatel
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#64
Tetrachloroethene
Concen: 52.267 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.0	99.8	149.6
129	85.9	72.4	108.6
131	86.4	70.1	105.1





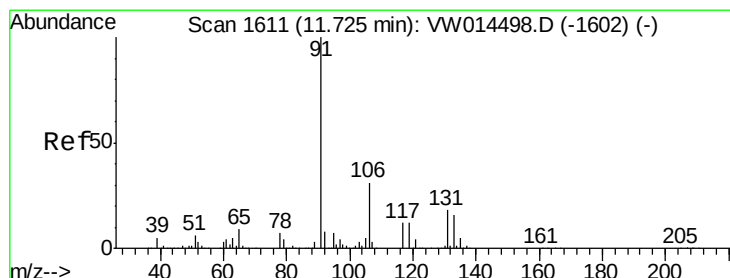
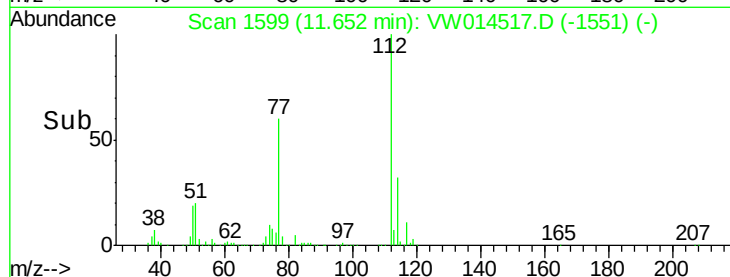
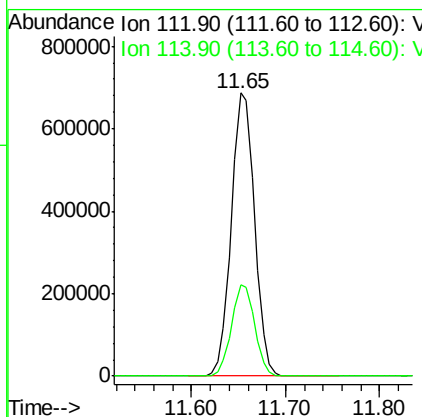
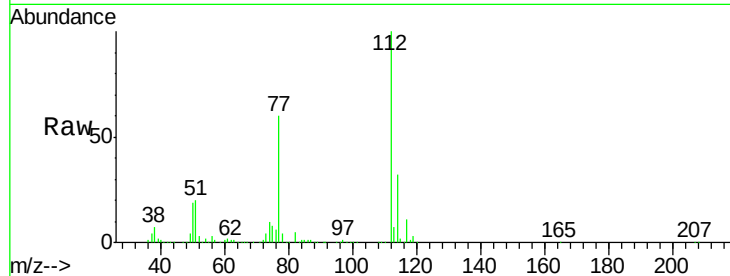
#65
Chlorobenzene
Concen: 51.690 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 1176133
Ion Ratio Lower Upper
112 100
114 32.3 24.6 37.0

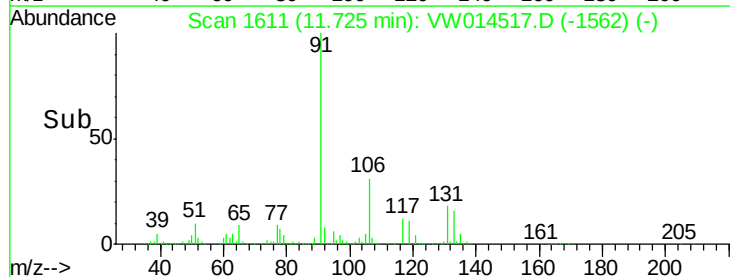
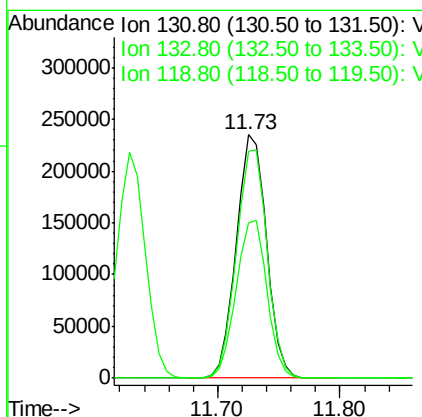
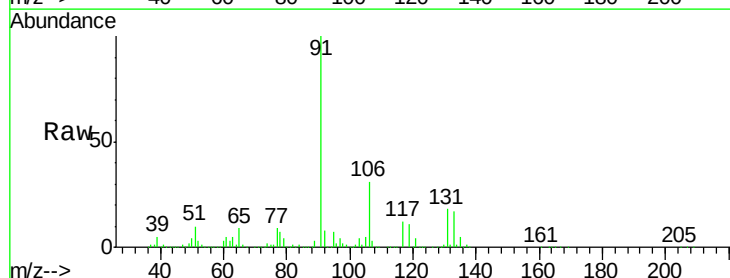
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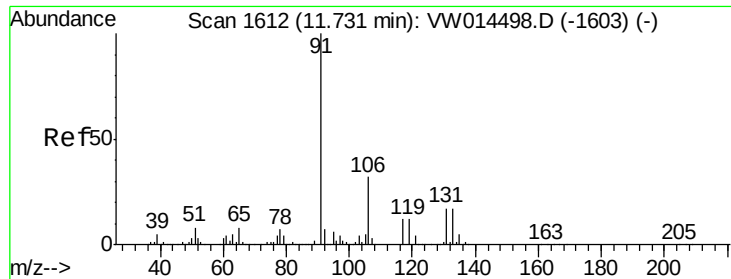
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.542 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion:131 Resp: 402529
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 66.1 33.1 99.3





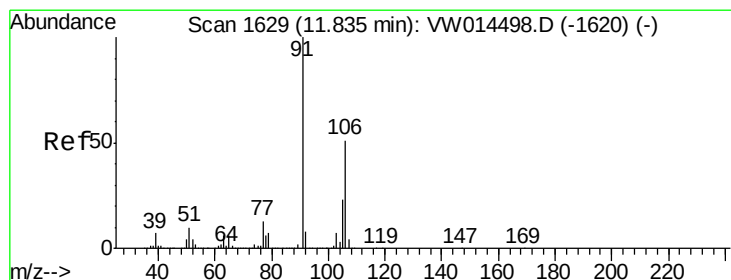
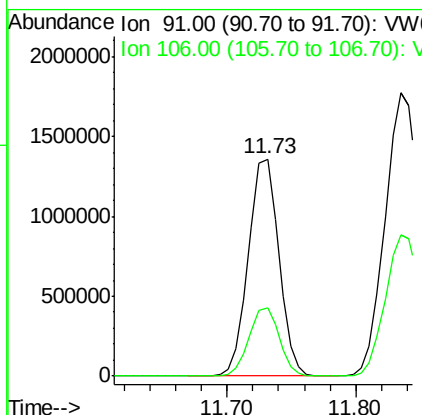
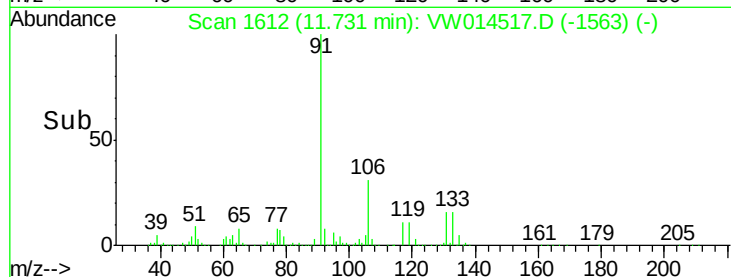
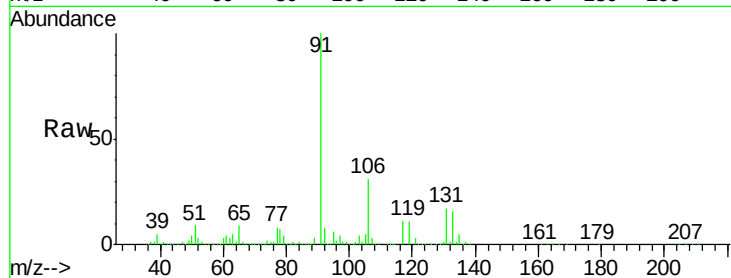
#67
Ethyl Benzene
Concen: 54.189 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2222035
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

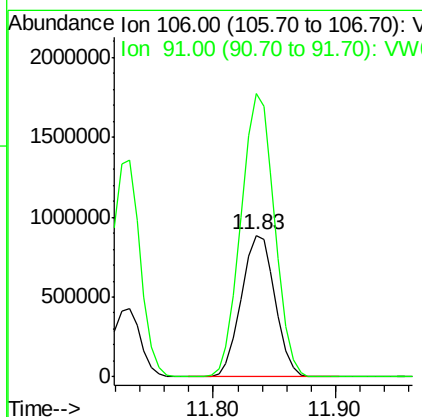
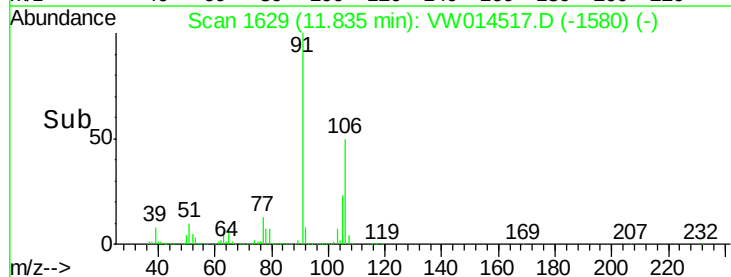
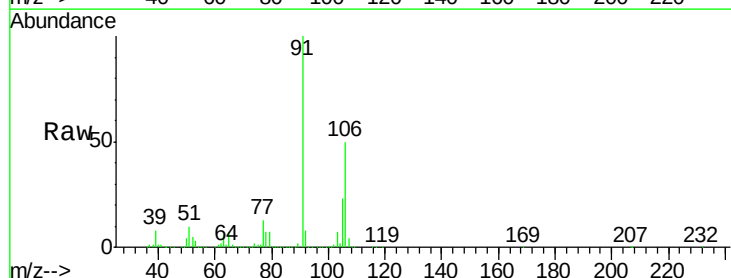
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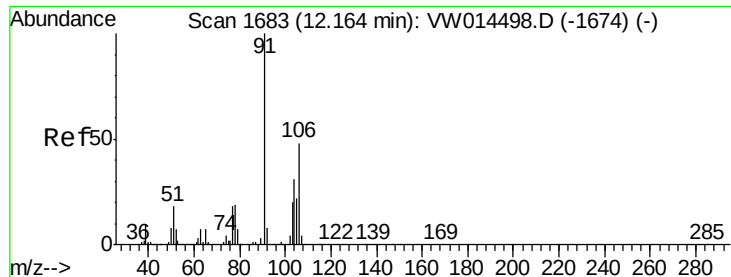
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#68
m/p-Xylenes
Concen: 107.765 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion: 106 Resp: 1691236
Ion Ratio Lower Upper
106 100
91 199.1 159.0 238.6





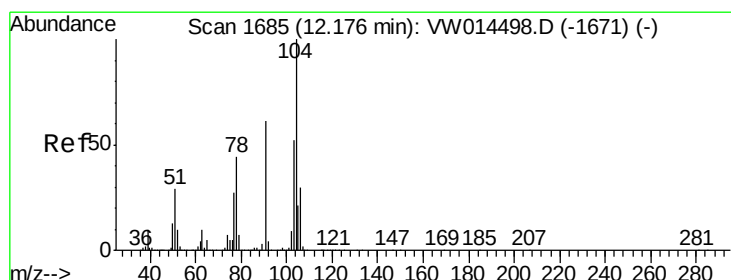
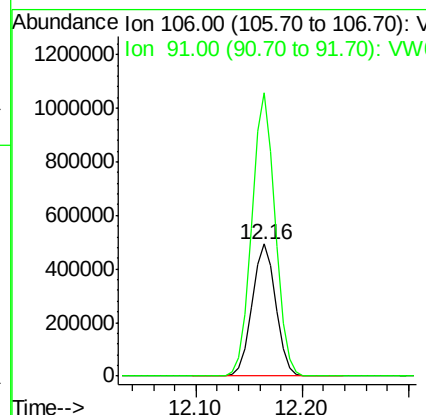
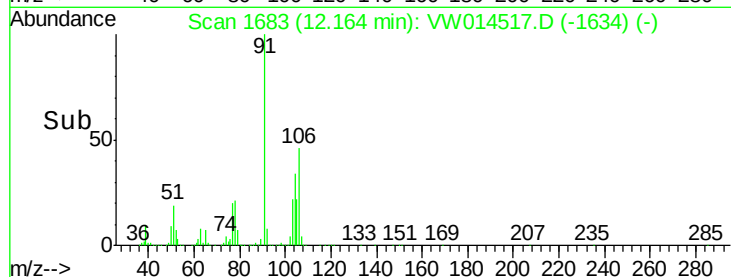
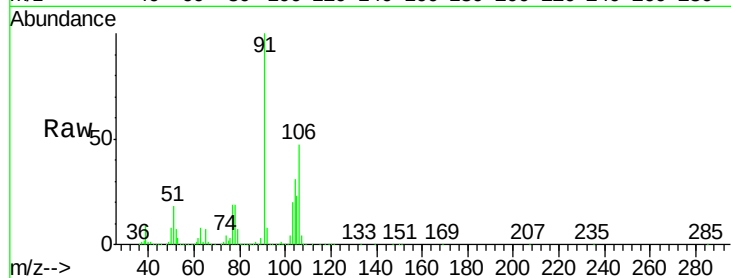
#69
o-Xylene
Concen: 53.135 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 770270
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.6

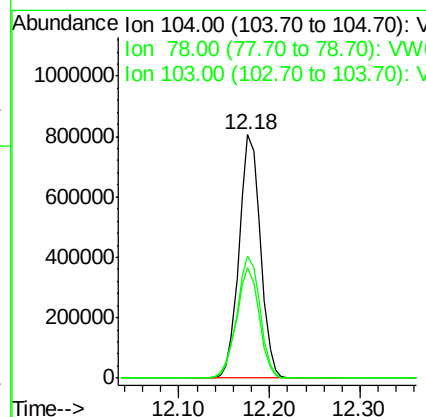
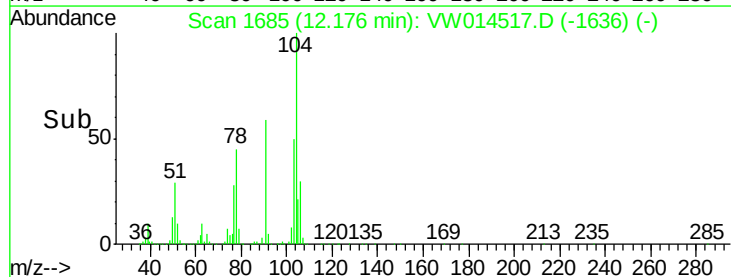
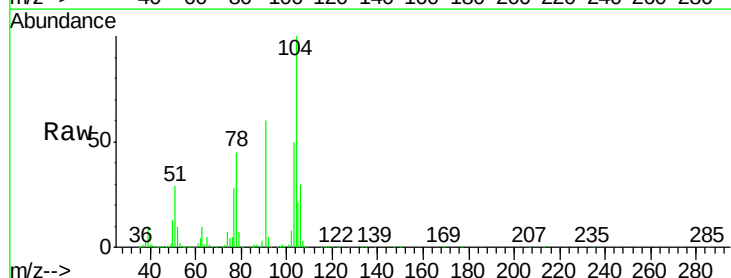
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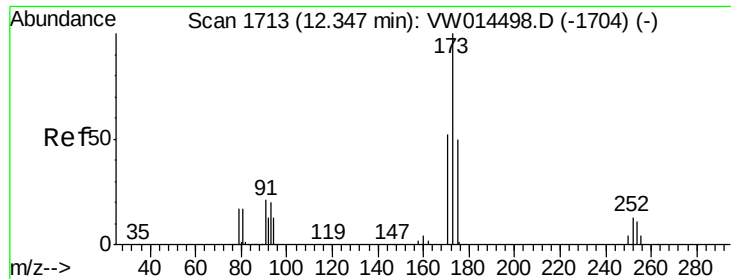
apatel
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#70
Styrene
Concen: 53.593 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion:104 Resp: 1314094
Ion Ratio Lower Upper
104 100
78 48.6 38.4 57.6
103 54.1 43.7 65.5





#71

Bromoform

Concen: 48.531 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

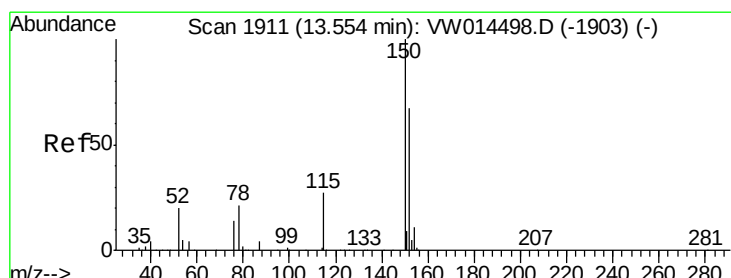
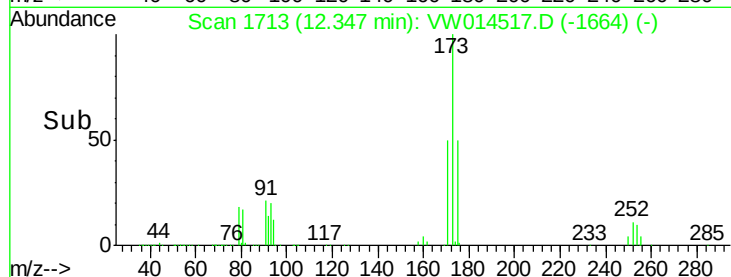
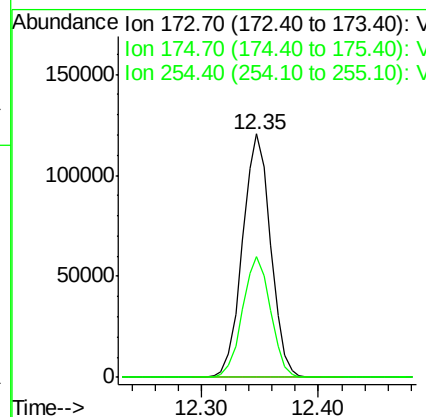
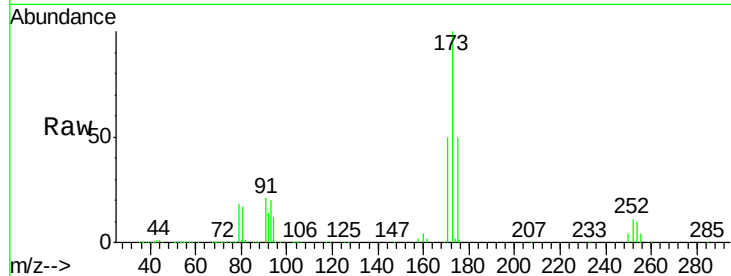
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	202801
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.5	73.5
254	0.1	0.0	0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

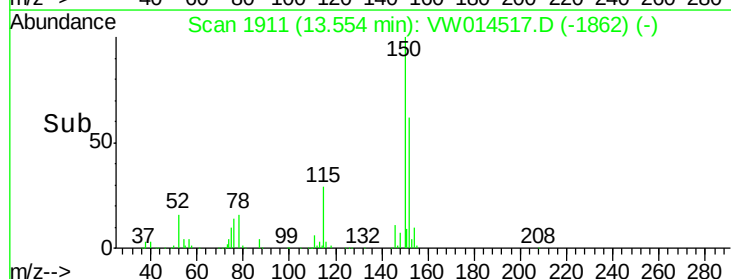
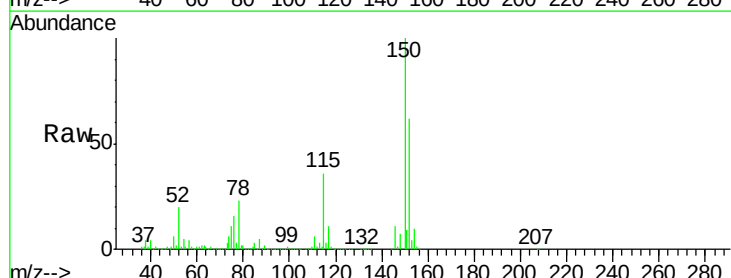
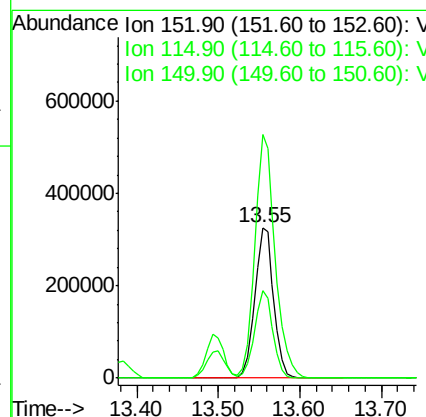
RT: 13.55 min Scan# 1911

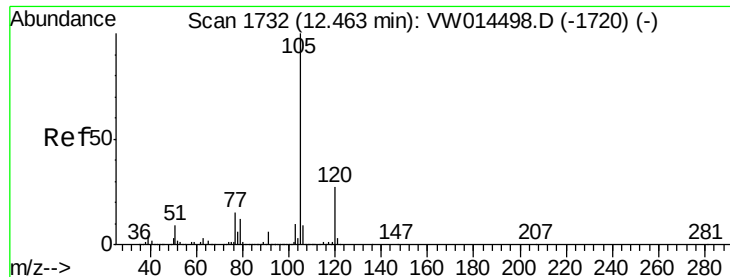
Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion:	152	Resp:	524593
Ion Ratio	Lower	Upper	
152	100		
115	56.6	27.7	83.1
150	174.6	0.0	343.4





#73

Isopropylbenzene

Concen: 56.422 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 2171807

Ion Ratio Lower Upper

105 100

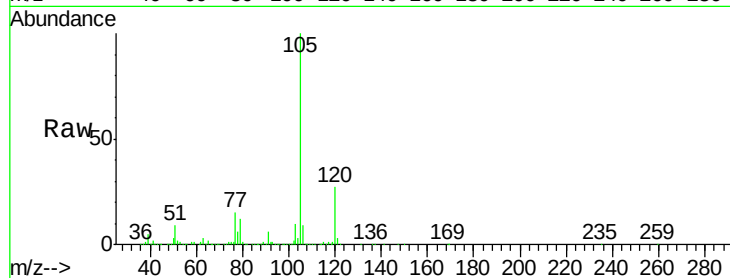
120 26.6 13.4 40.1

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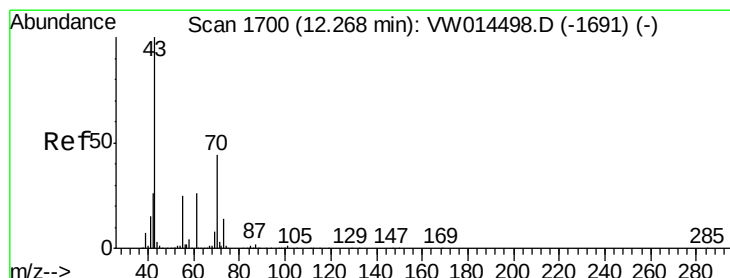
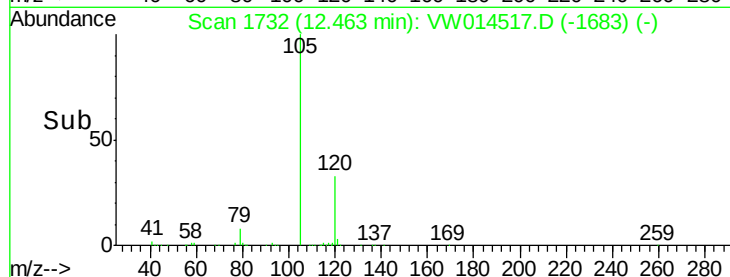
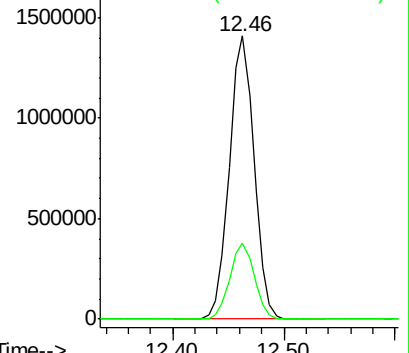
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.791 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion: 43 Resp: 421104

Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 26.0 20.9 31.3

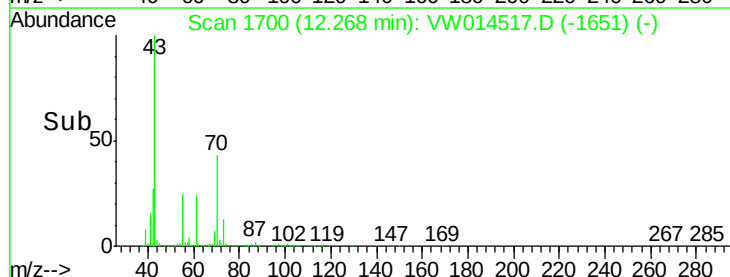
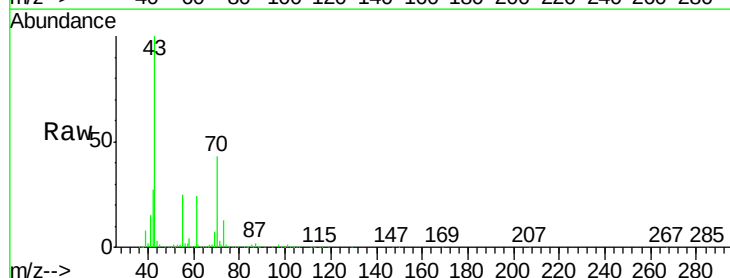
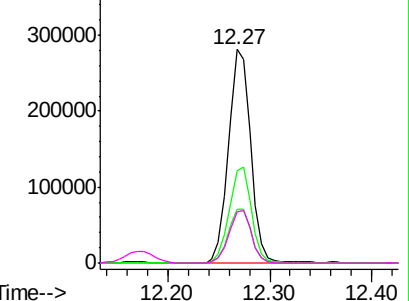
61 25.2 20.7 31.1

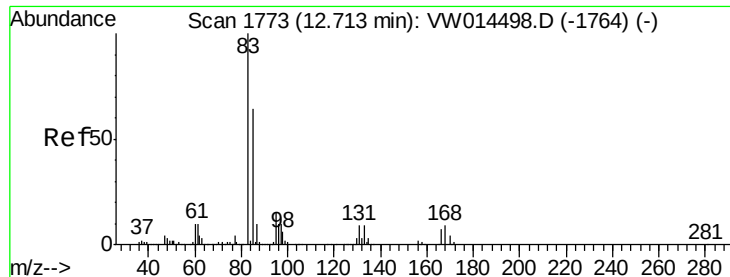
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 47.883 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

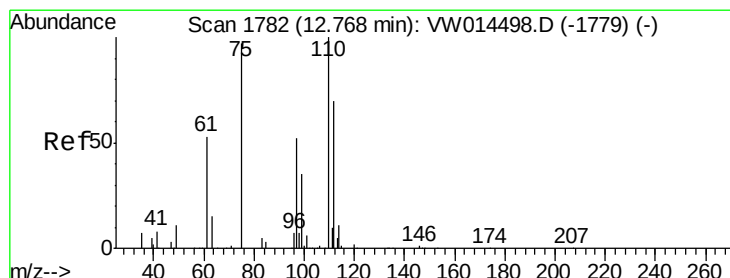
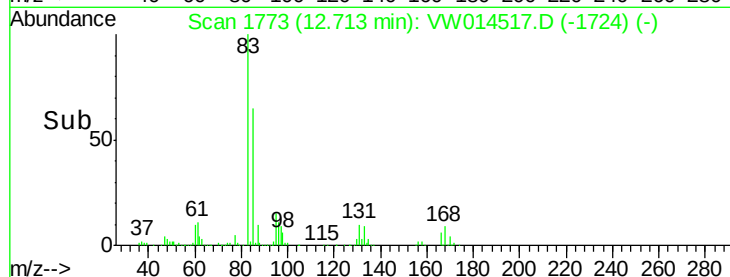
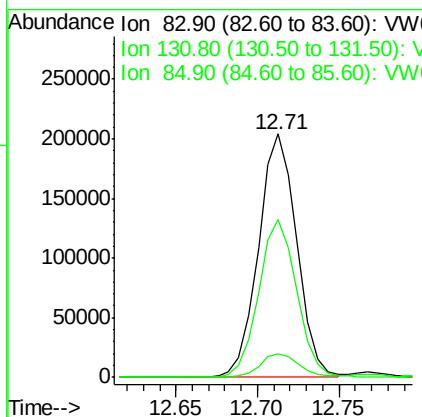
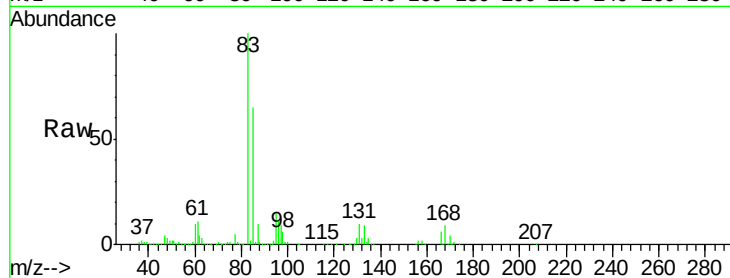
ClientSampled :

VSTDCCC050

Tgt Ion:	83	Resp:	332674
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 50.778 ug/l m

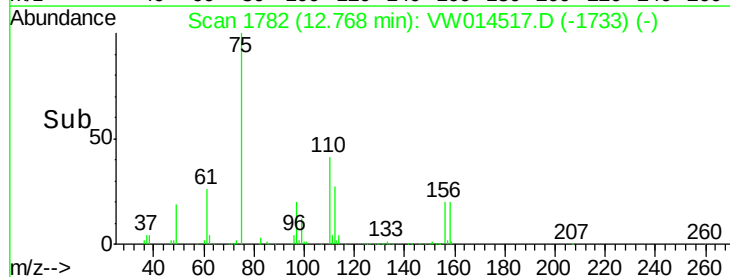
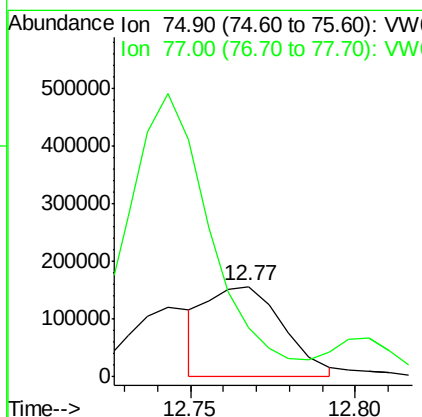
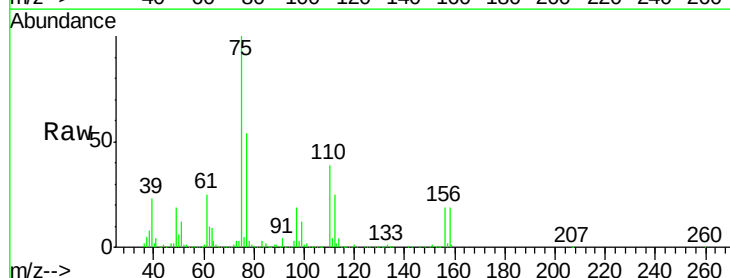
RT: 12.77 min Scan# 1782

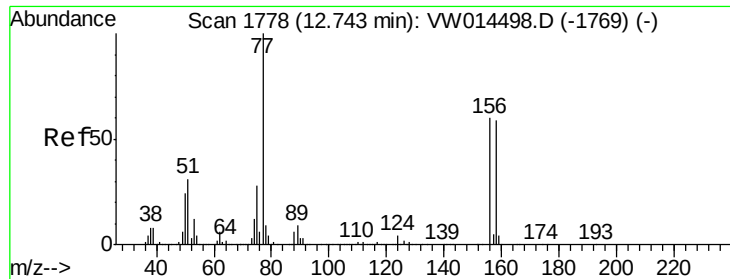
Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion:	75	Resp:	251857
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.154 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

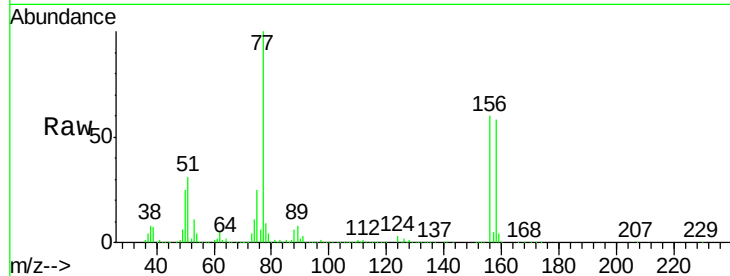
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	183.8	92.3	277.1
158	96.8	48.6	145.9

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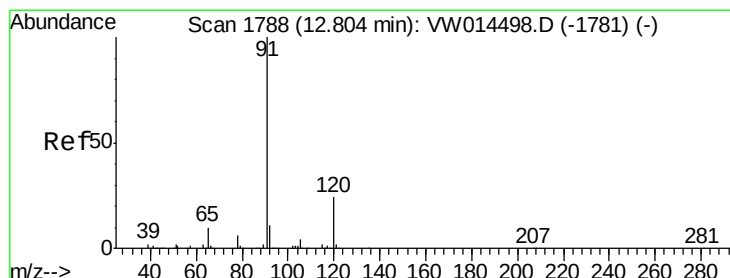
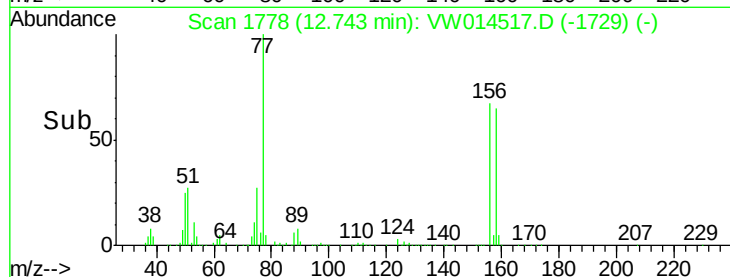
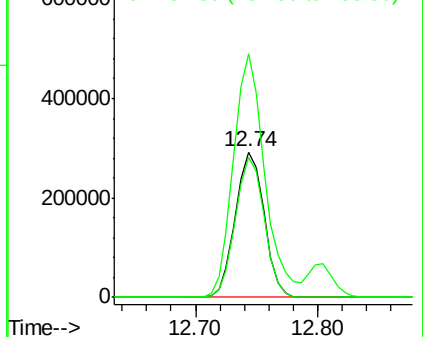
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.181 ug/l

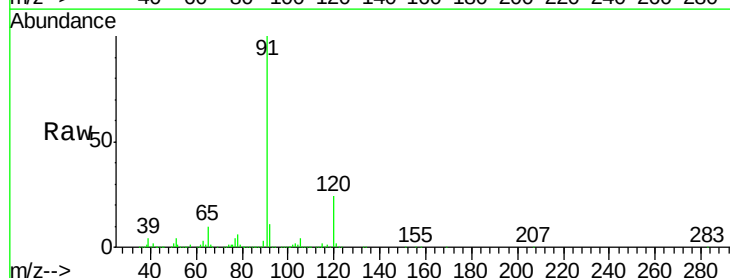
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014517.D

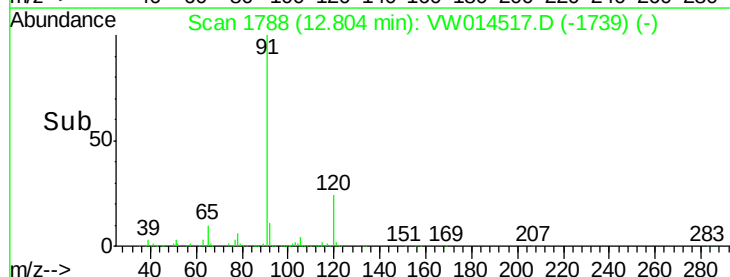
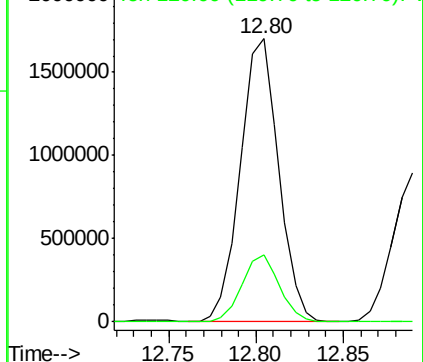
Acq: 06 Jan 2020 10:48

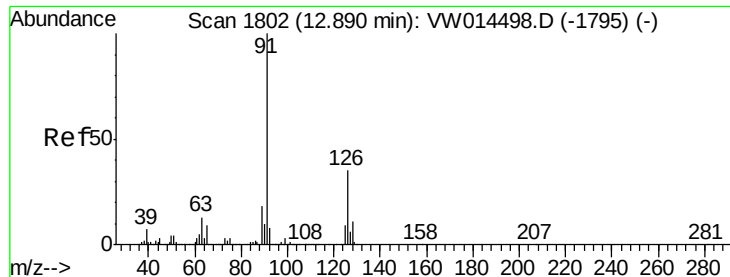
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.055 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 91 Resp: 1418098

Ion Ratio Lower Upper

91 100

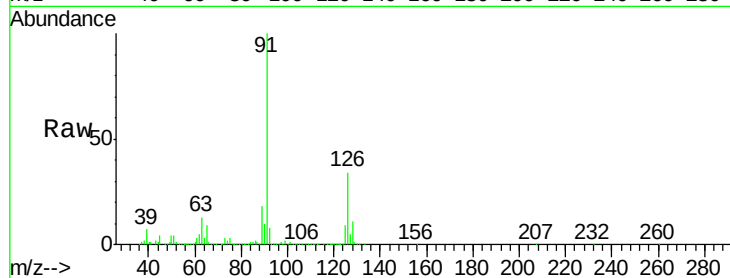
126 33.7 17.1 51.2

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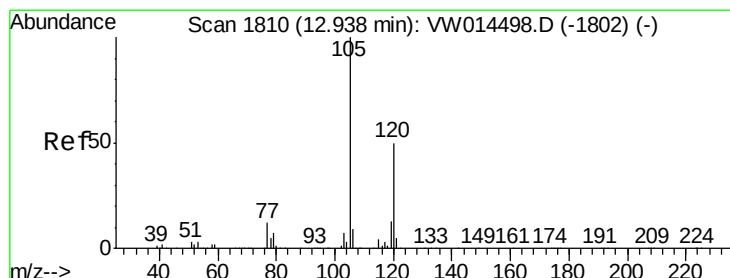
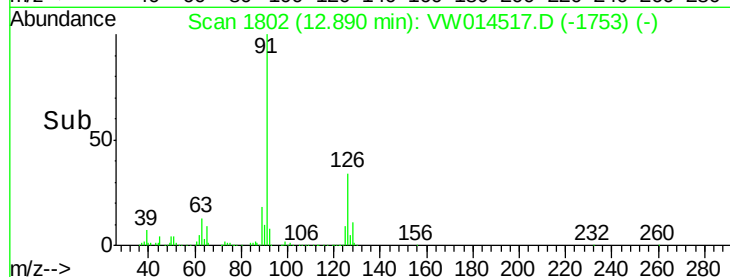
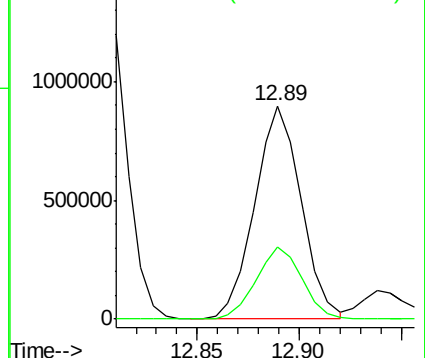
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.053 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014517.D

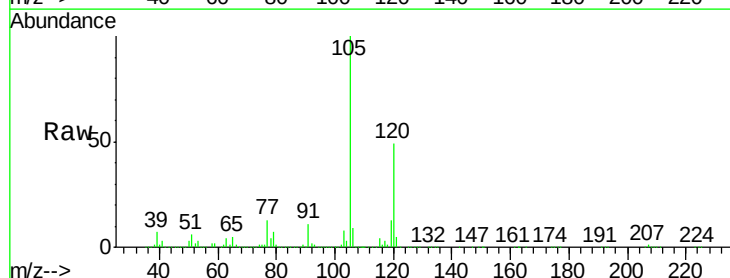
Acq: 06 Jan 2020 10:48

Tgt Ion: 105 Resp: 1779269

Ion Ratio Lower Upper

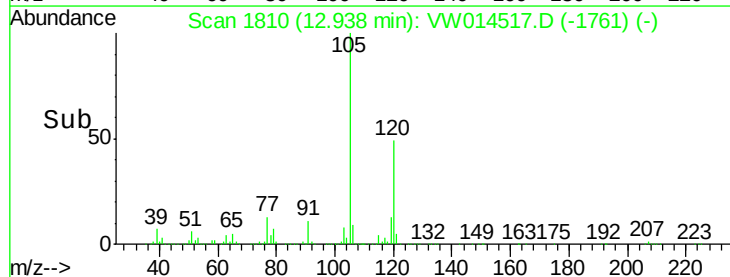
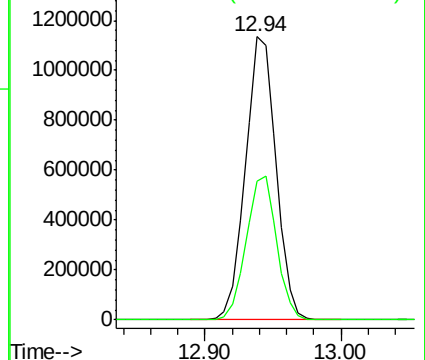
105 100

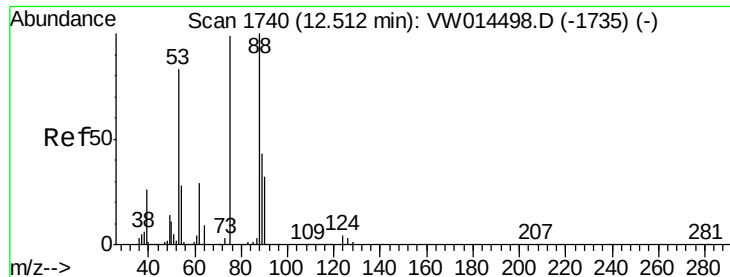
120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





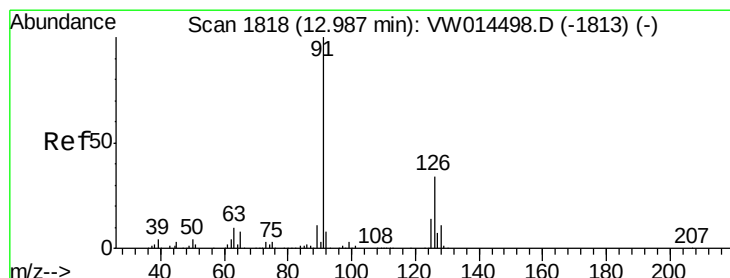
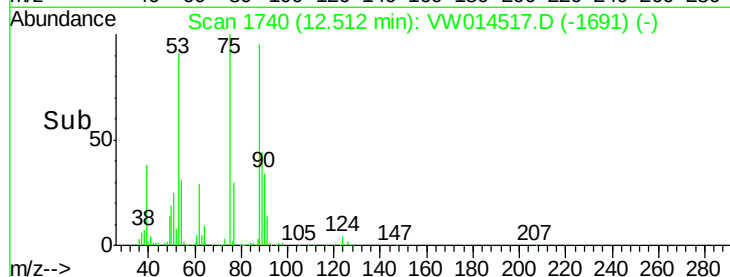
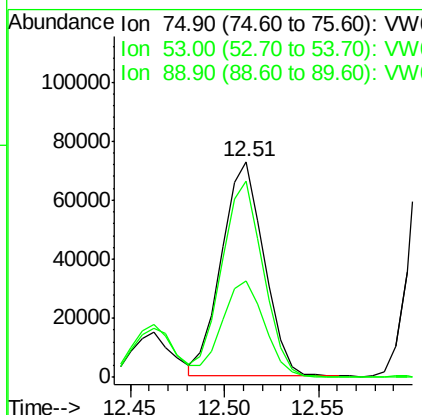
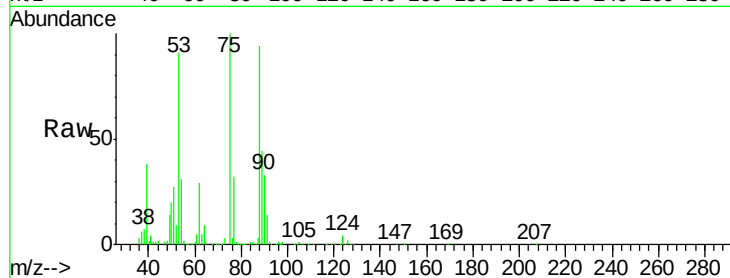
#81
trans-1,4-Dichloro-2-butene
Concen: 50.858 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.4	70.9	106.3
89	46.0	35.8	53.8

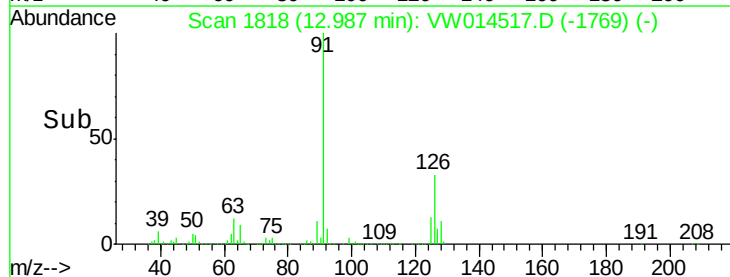
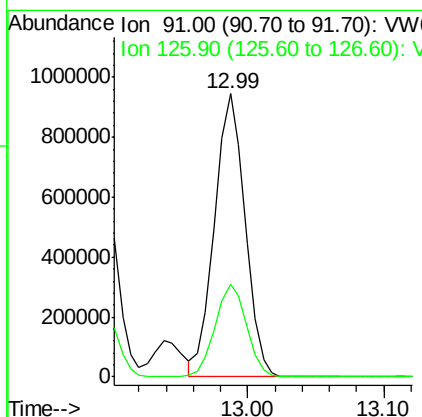
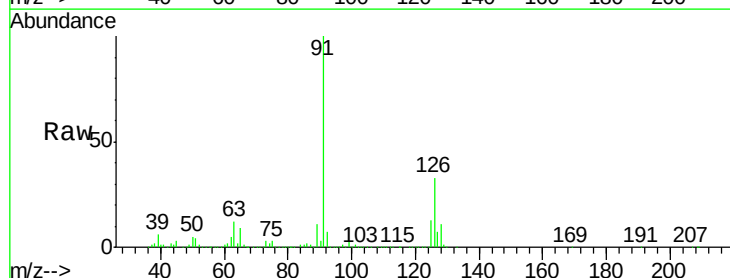
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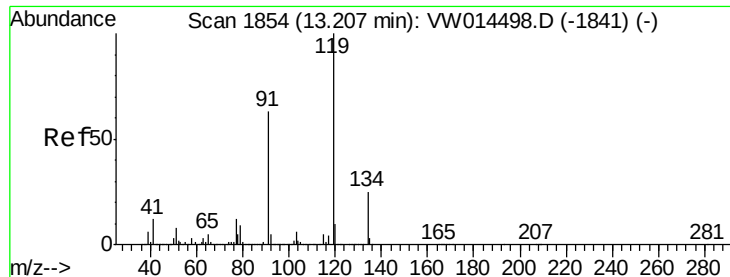
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#82
4-Chlorotoluene
Concen: 54.874 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.1	51.2





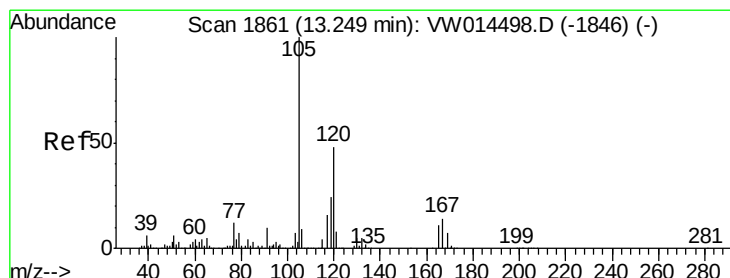
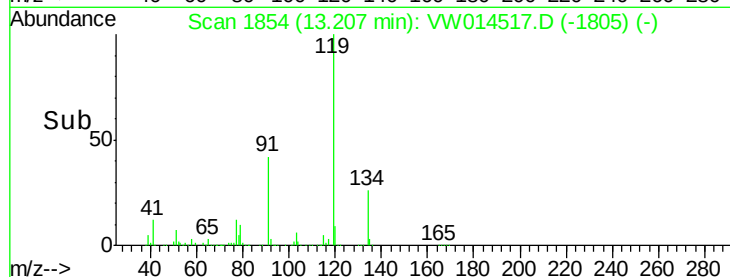
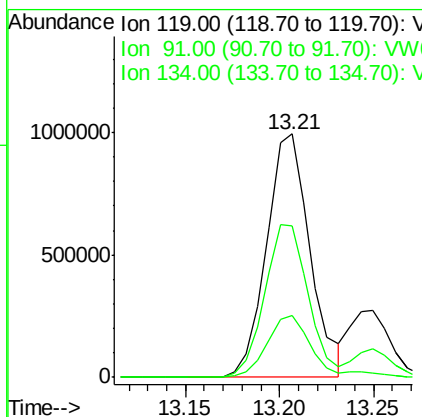
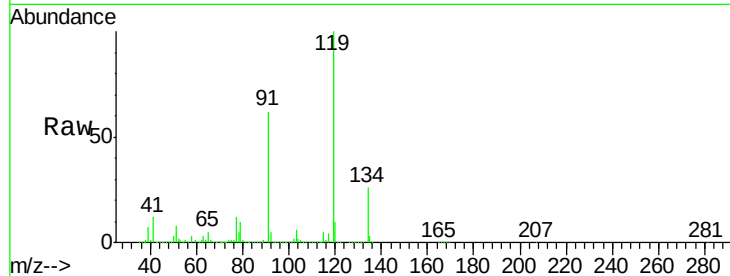
#83
 tert-Butylbenzene
 Concen: 56.354 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion:119 Resp: 1594628
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.1 93.3
 134 26.8 13.5 40.5

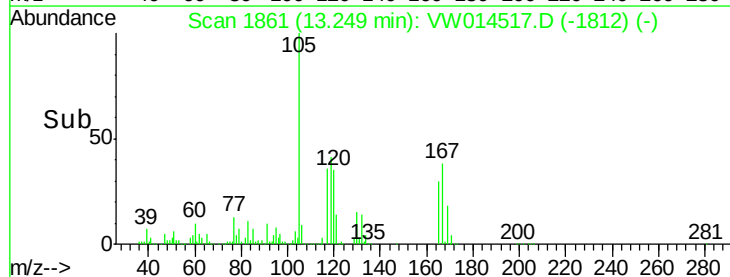
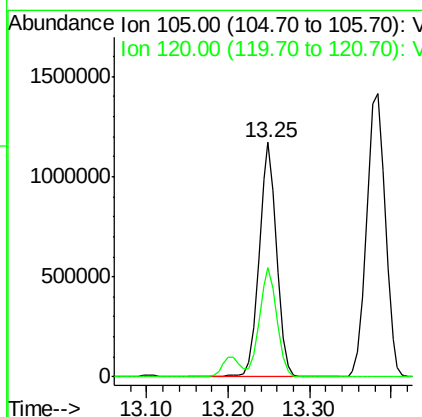
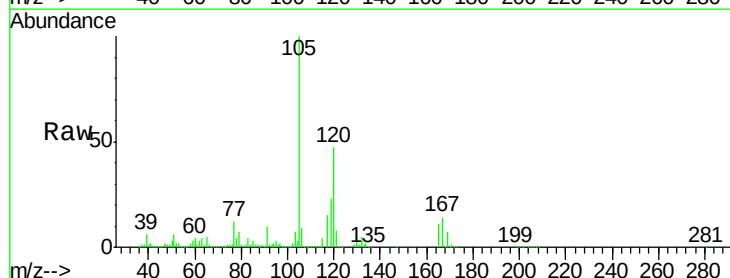
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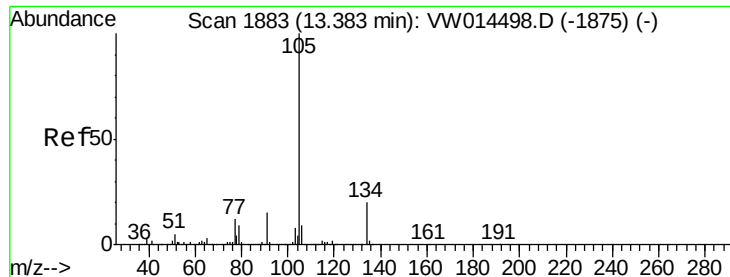
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.825 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion:105 Resp: 1763299
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





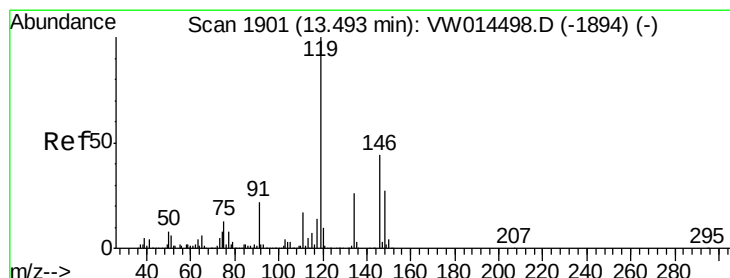
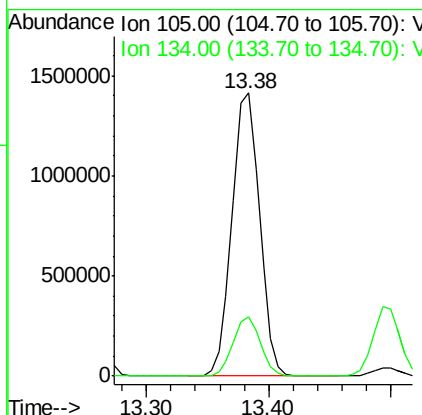
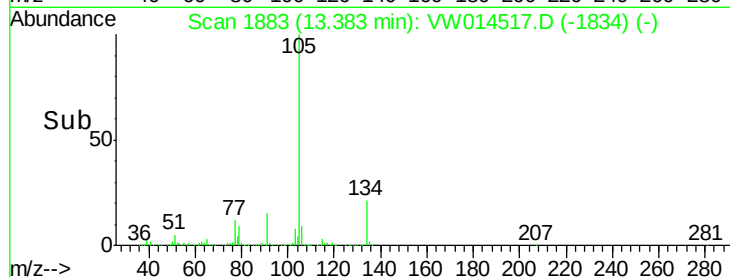
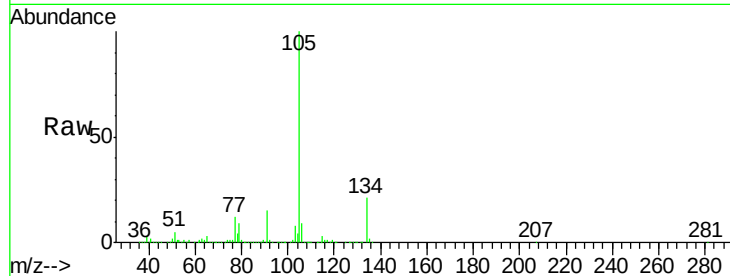
#85
 sec-Butylbenzene
 Concen: 56.384 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 2208392
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

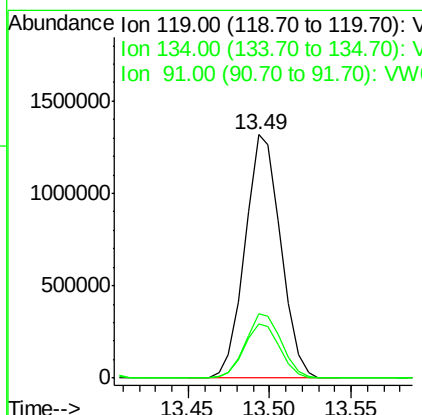
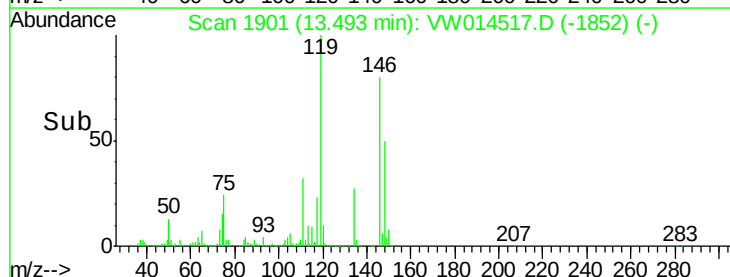
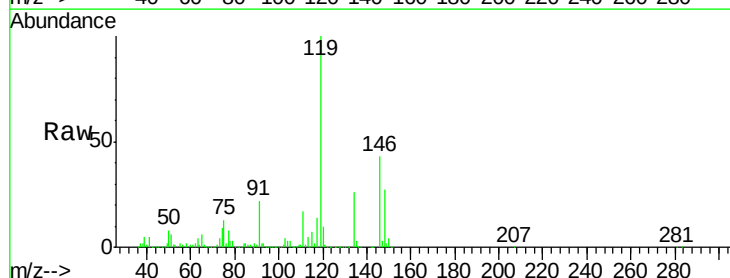
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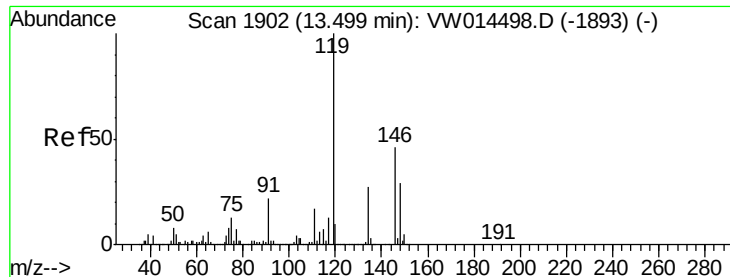
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#86
 p-Isopropyltoluene
 Concen: 56.091 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion:119 Resp: 2002508
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 53.650 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014517.D

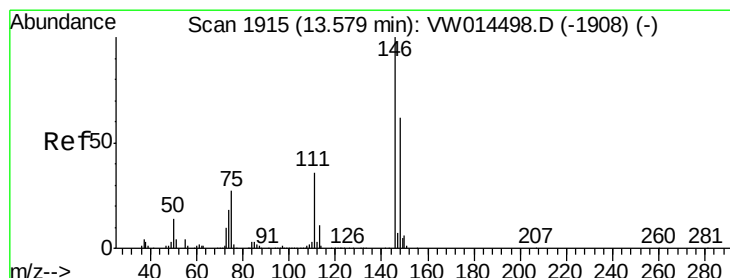
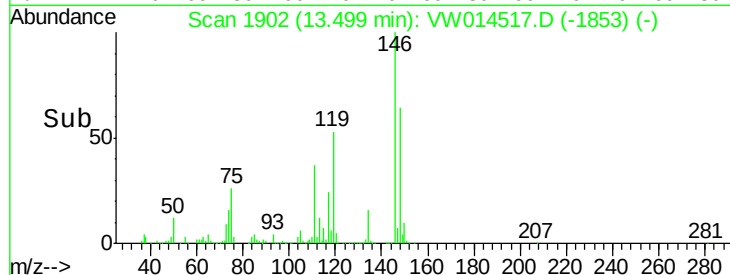
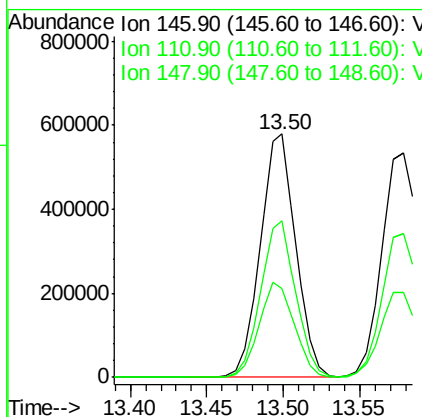
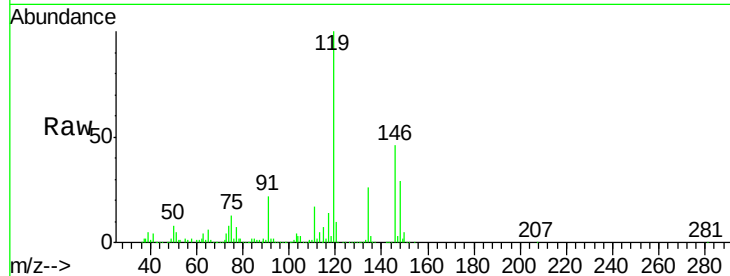
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	932692		
111	38.9	19.3	57.9	
148	63.6	31.8	95.4	

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#88

1,4-Dichlorobenzene

Concen: 52.164 ug/l

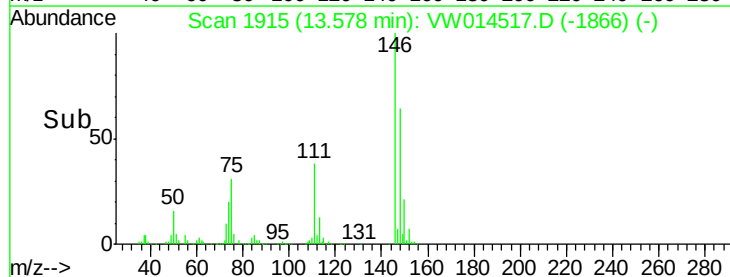
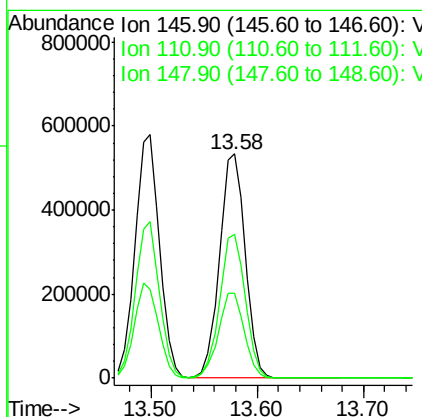
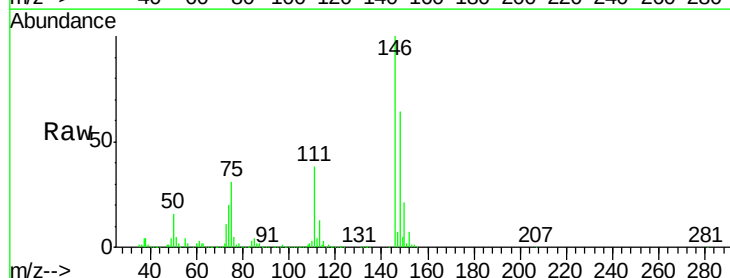
RT: 13.58 min Scan# 1915

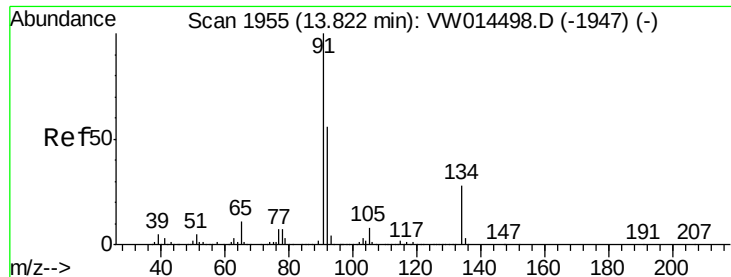
Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	895288		
111	38.1	18.7	56.1	
148	64.1	31.7	95.1	





#89

n-Butylbenzene

Concen: 57.486 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Instrument :

MSVOA_W

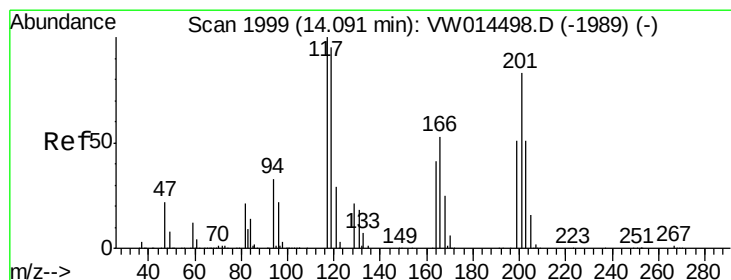
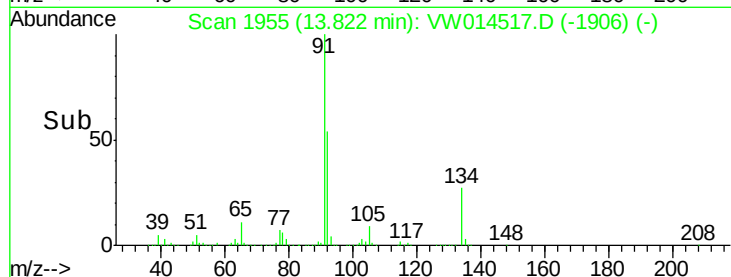
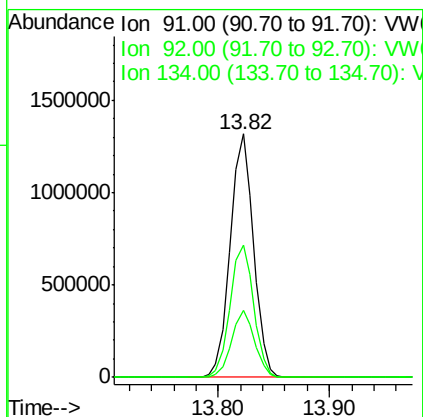
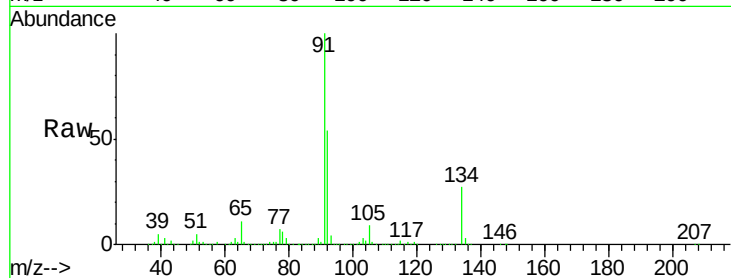
ClientSampleId :

VSTDCCC050

Tgt Ion:	91	Resp:	1905801
Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.5	82.5
134	26.9	13.7	41.1

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#90

Hexachloroethane

Concen: 56.657 ug/l

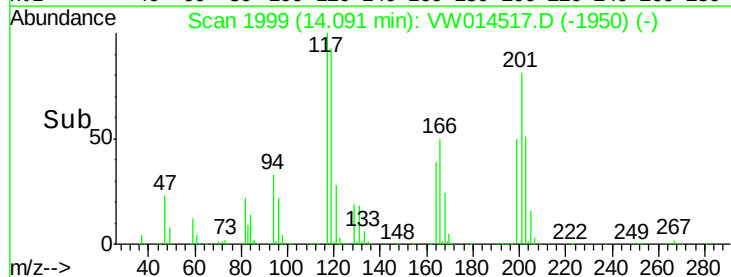
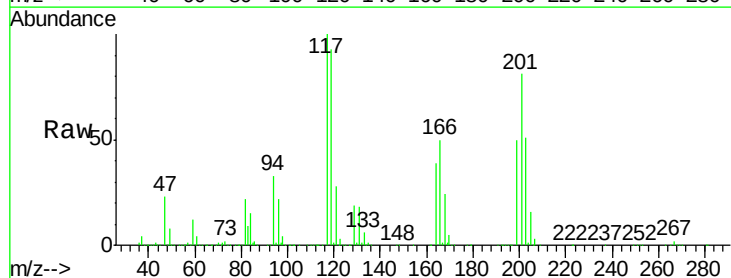
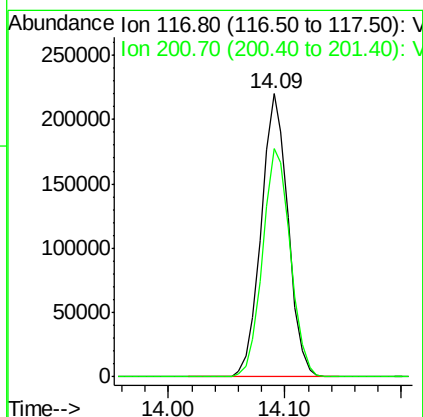
RT: 14.09 min Scan# 1999

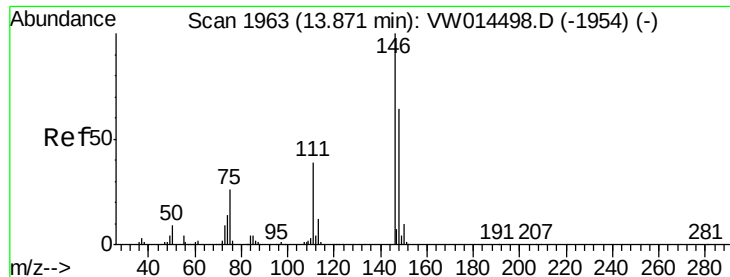
Delta R.T. -0.00 min

Lab File: VW014517.D

Acq: 06 Jan 2020 10:48

Tgt Ion:	117	Resp:	353353
Ion	Ratio	Lower	Upper
117	100		
201	83.1	43.0	128.8





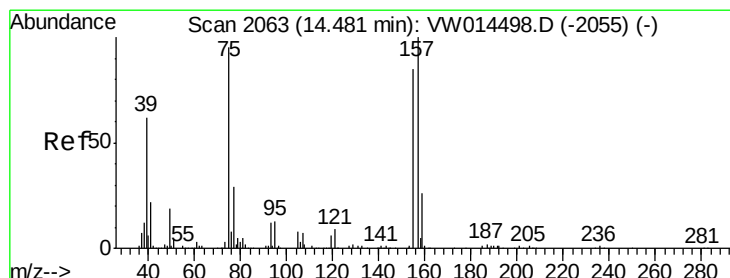
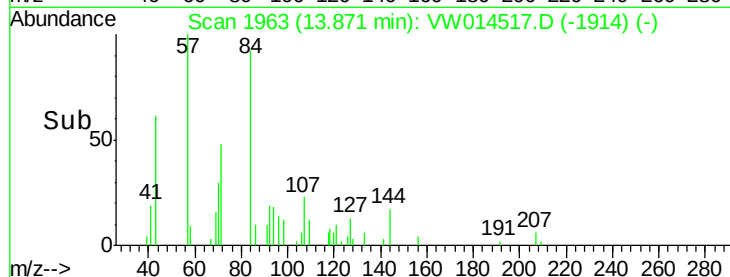
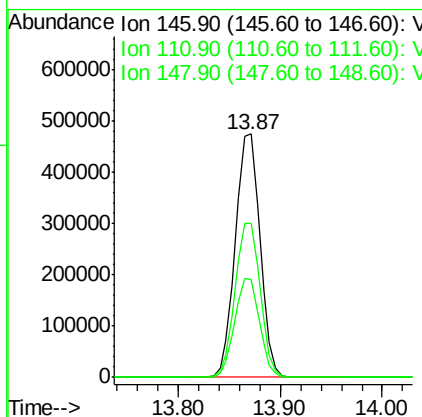
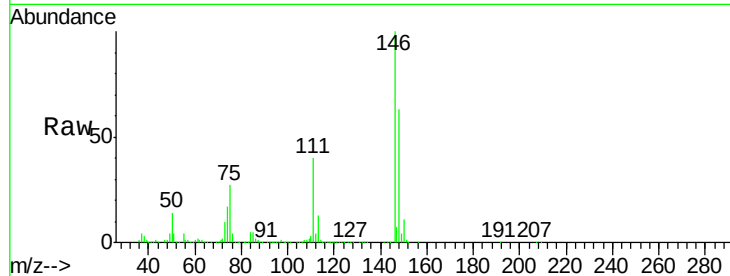
#91
 1,2-Dichlorobenzene
 Concen: 51.844 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	792167		
111	40.6	20.4	61.3	
148	64.4	32.3	96.8	

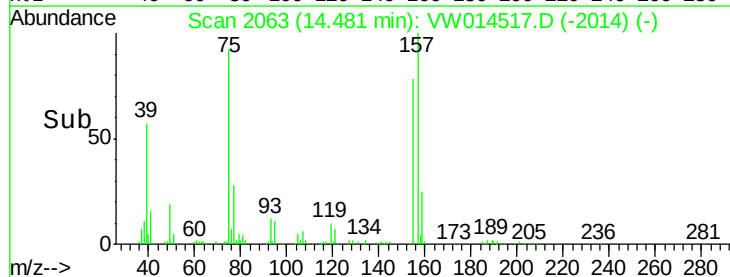
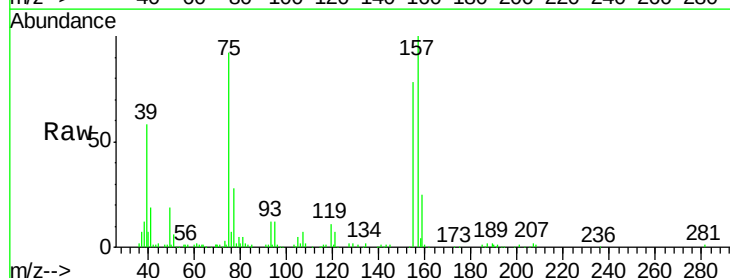
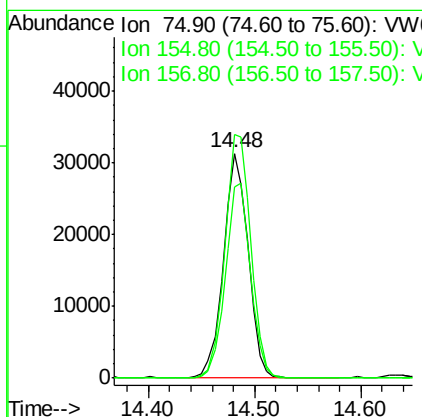
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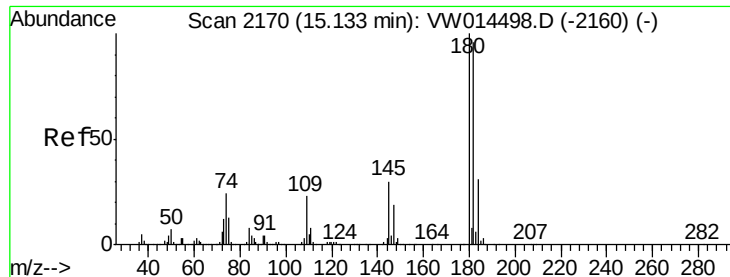
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.306 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014517.D
 Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	50947		
155	87.5	45.8	137.4	
157	113.2	58.1	174.2	





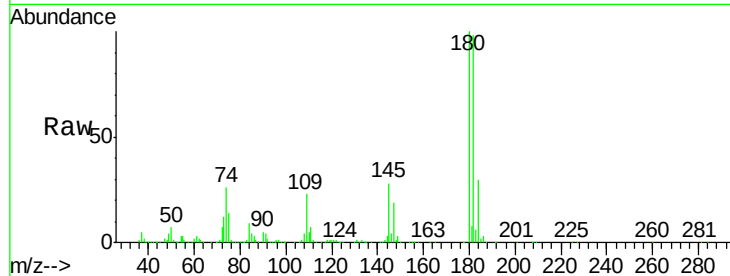
#93
1,2,4-Trichlorobenzene
Concen: 51.491 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

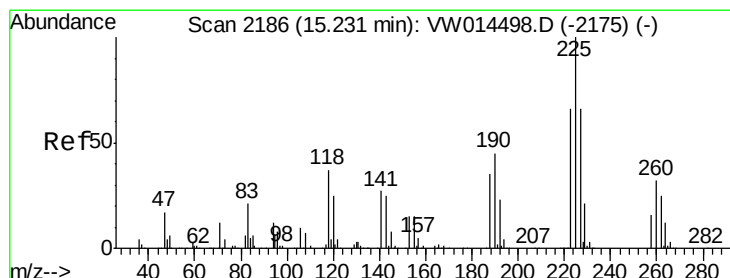
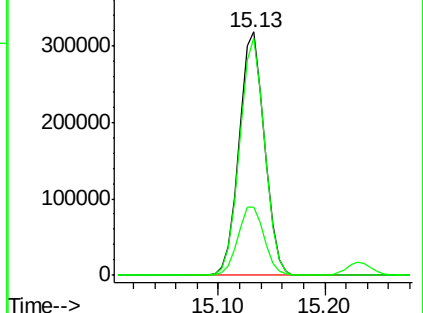
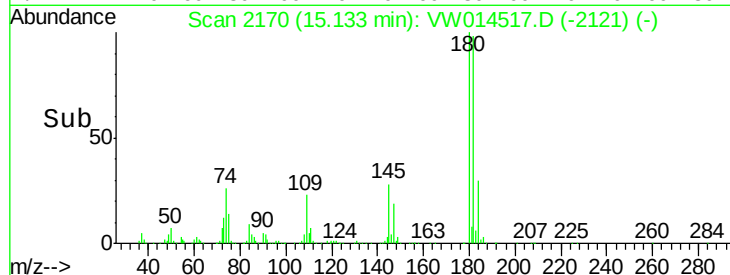
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	531308		
182	96.6	47.3	141.8	
145	29.2	14.7	44.1	

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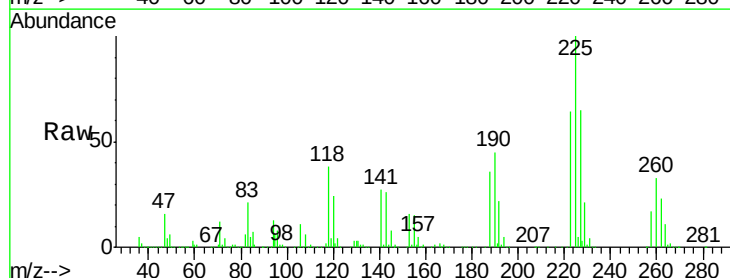


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

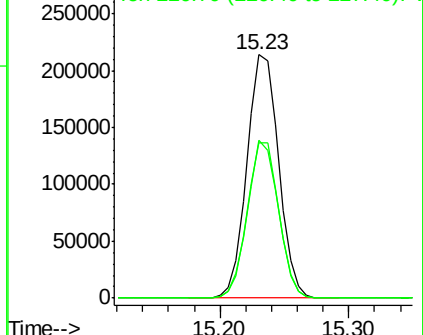
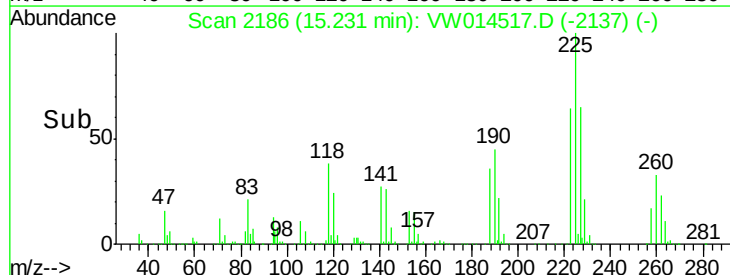


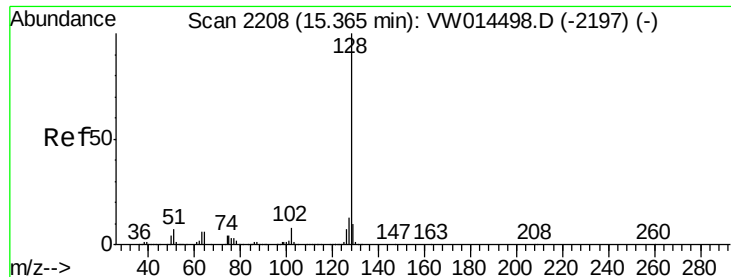
#94
Hexachlorobutadiene
Concen: 52.407 ug/l
RT: 15.23 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	362388		
223	63.8	32.4	97.2	
227	63.2	32.6	97.8	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





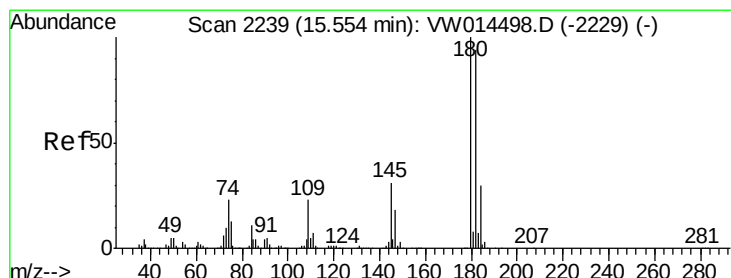
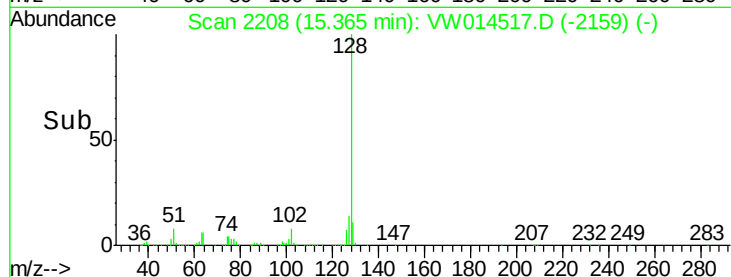
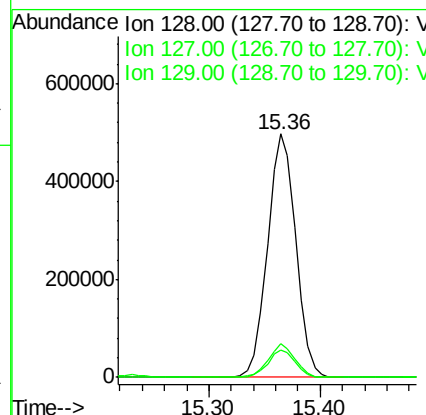
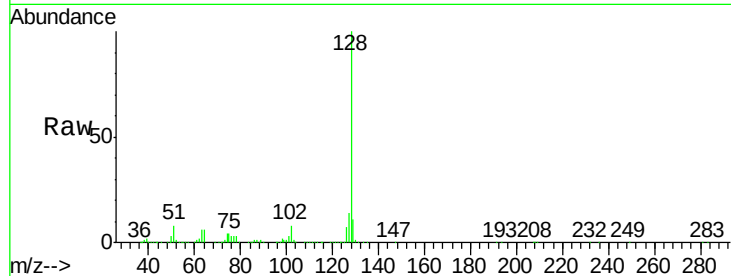
#95
Naphthalene
Concen: 49.841 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
1/7/2020 10:27:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.394 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014517.D
Acq: 06 Jan 2020 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.2
145	31.7	15.5	46.5

