

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015416.D
 Acq On : 09 Apr 2020 13:13
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 02:28:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 02:18:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116029	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58653	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65098	7.86	ug/L	0.00
7) Chloroethane-d5	1.57	69	58802	7.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	133205	7.15	ug/L	0.00
20) 2-Butanone-d5	3.96	46	196860	100.95	ug/L	-0.01
24) Chloroform-d	4.38	84	146342	8.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	77353	10.22	ug/L	0.00
32) Benzene-d6	5.07	84	271246	10.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	85223	10.29	ug/L	0.00
41) Toluene-d8	7.34	98	263362	9.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	37520	10.78	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	184772	121.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	67058	10.73	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	97222	9.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	116958	10.262 ug/L	99
3) Chloromethane	1.24	50	110413	9.406 ug/L	99
5) Vinyl chloride	1.32	62	106807	8.812 ug/L	99
6) Bromomethane	1.53	94	60764	7.975 ug/L	98
8) Chloroethane	1.59	64	61500	8.552 ug/L	100
9) Trichlorofluoromethane	1.76	101	137975	7.974 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	76997	7.163 ug/L	99
12) 1,1-Dichloroethene	2.13	96	73314	7.127 ug/L	92
13) Acetone	2.26	43	118929	88.906 ug/L	80
14) Carbon disulfide	2.30	76	260026	7.858 ug/L	99
15) Methyl Acetate	2.47	43	37501	9.096 ug/L	99
16) Methylene chloride	2.52	84	82381	6.735 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	197404	8.400 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	83666	7.690 ug/L	99
19) 1,1-Dichloroethane	3.21	63	159071	8.409 ug/L	99
21) 2-Butanone	4.05	43	203244	93.146 ug/L	# 77
22) cis-1,2-Dichloroethene	3.94	96	86562	7.753 ug/L	95
23) Bromochloromethane	4.28	128	36123	7.899 ug/L	99
25) Chloroform	4.40	83	157401	7.407 ug/L	100
27) 1,2-Dichloroethane	5.16	62	104120	10.916 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	146907	8.377 ug/L	99
30) Cyclohexane	4.70	56	157243	9.279 ug/L	98
31) Carbon tetrachloride	4.85	117	129291	8.537 ug/L	100
33) Benzene	5.12	78	340739	10.941 ug/L	100
34) Trichloroethene	5.94	95	90467	10.268 ug/L	99
35) Methylcyclohexane	6.15	83	154264	10.062 ug/L	99
37) 1,2-Dichloropropane	6.20	63	85486	11.361 ug/L	99
38) Bromodichloromethane	6.53	83	113049	10.907 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	133093	11.250 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	562974	128.458 ug/L	99

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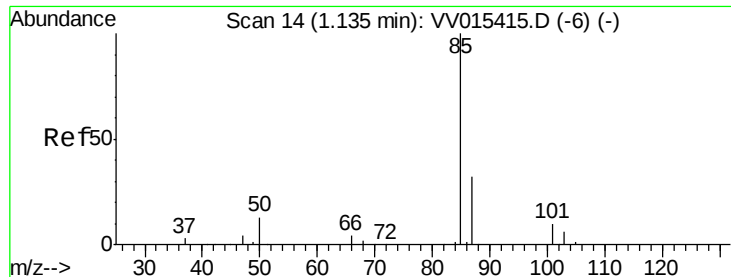
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 02:28:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	375402	10.179	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	114242	11.327	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	56869	10.138	ug/L	96
47) Tetrachloroethene	8.00	164	69122	10.655	ug/L	97
48) 2-Hexanone	8.16	43	408956	131.415	ug/L	99
49) Dibromochloromethane	8.27	129	70768	10.678	ug/L	100
50) 1,2-Dibromoethane	8.38	107	55110	10.342	ug/L	99
51) Chlorobenzene	8.90	112	233620	9.800	ug/L	99
52) Ethylbenzene	9.03	91	435139	10.233	ug/L	100
53) m,p-xylene	9.16	106	162860	9.944	ug/L	99
54) o-xylene	9.57	106	156704	9.882	ug/L	98
55) Styrene	9.58	104	270744	10.323	ug/L	100
56) Isopropylbenzene	9.95	105	431510	10.141	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	71147	10.980	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	52871	10.800	ug/L	100
61) Bromoform	9.75	173	34996	11.313	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	187517	9.711	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	188927	9.748	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	171130	9.927	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	13374	10.721	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	138027	10.244	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	122300	10.287	ug/L	99
69) Naphthalene	13.53	128	233638	8.537	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	109261	10.657	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 10.262 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

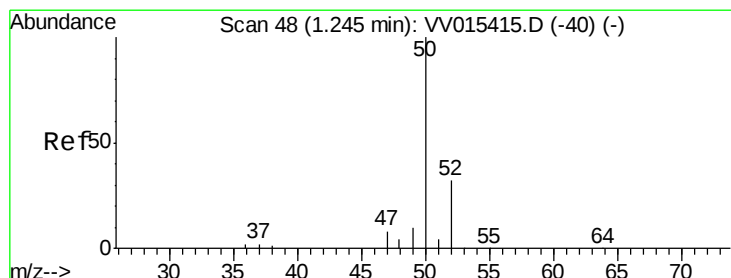
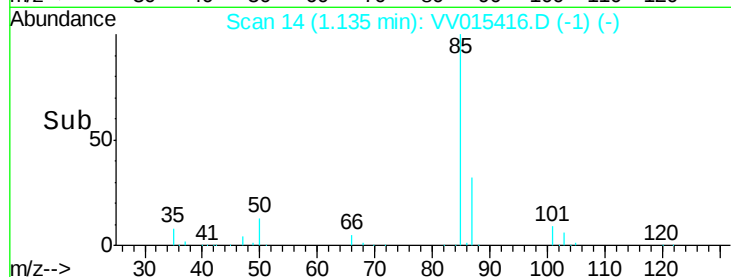
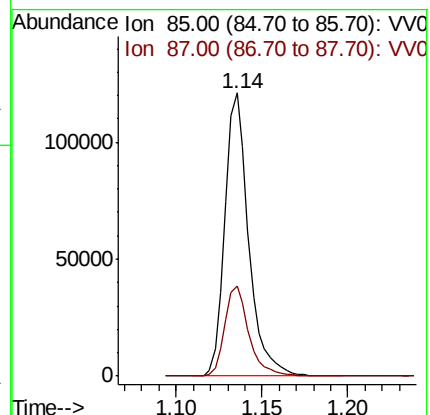
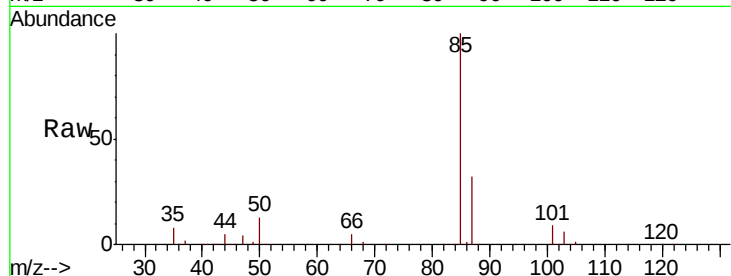
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 116958

Ion Ratio Lower Upper

85 100

87 32.2 25.3 37.9



#3

Chloromethane

Concen: 9.406 ug/L

RT: 1.24 min Scan# 48

Delta R.T. 0.00 min

Lab File: VV015416.D

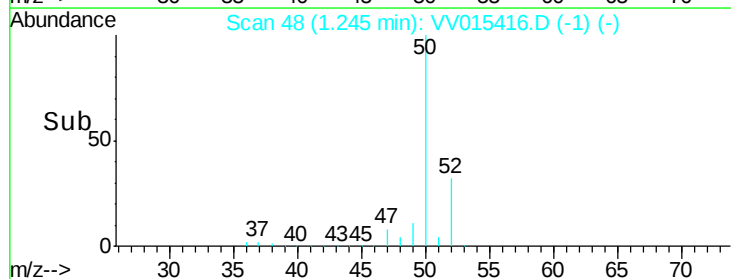
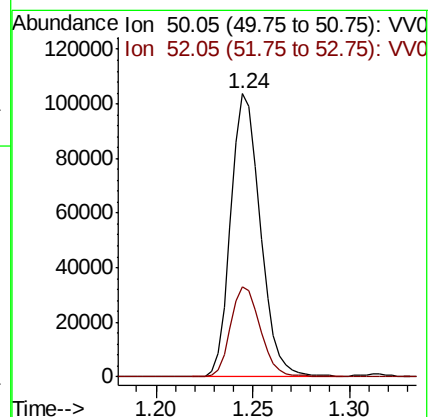
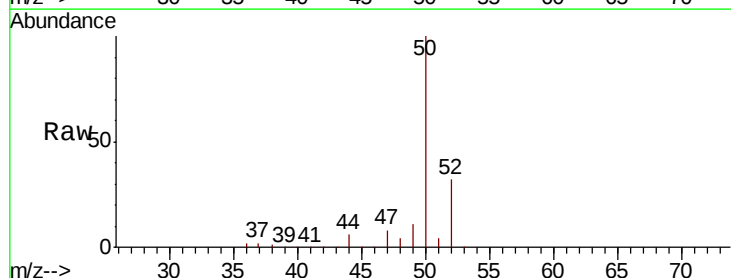
Acq: 09 Apr 2020 13:13

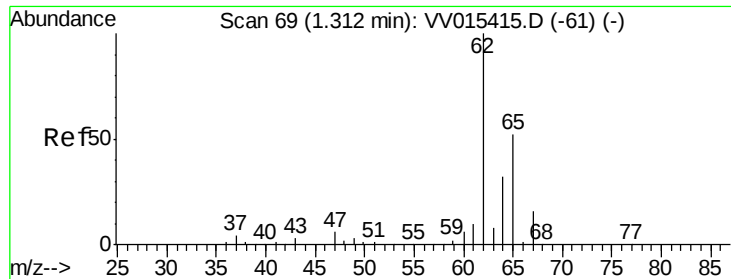
Tgt Ion: 50 Resp: 110413

Ion Ratio Lower Upper

50 100

52 31.9 22.7 42.1





#5

Vinyl chloride

Concen: 8.812 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

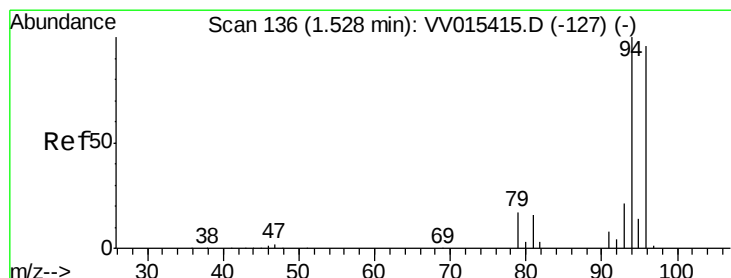
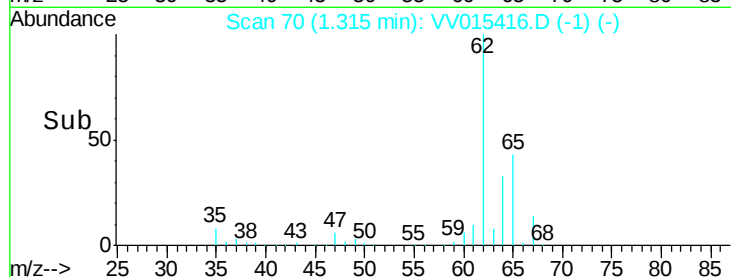
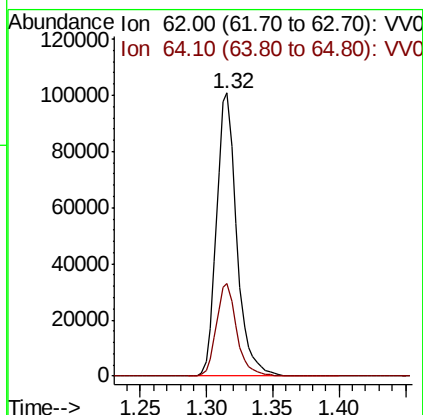
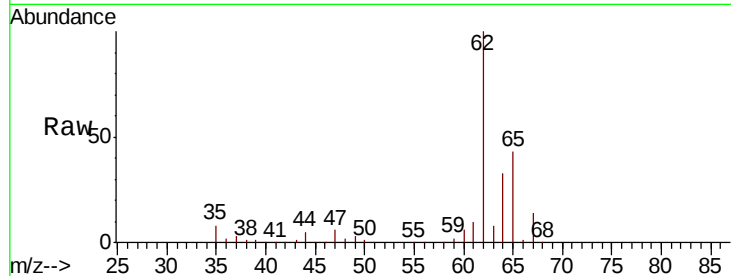
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 106807

Ion Ratio Lower Upper

62 100

64 32.6 22.5 41.7



#6

Bromomethane

Concen: 7.975 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV015416.D

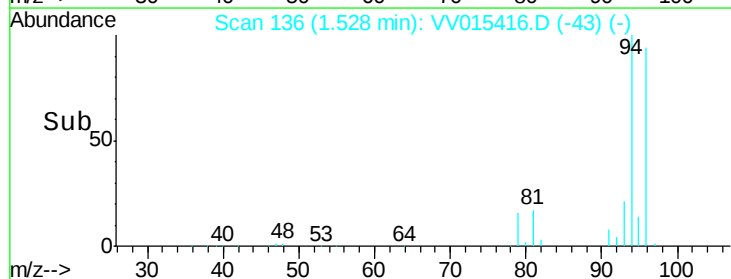
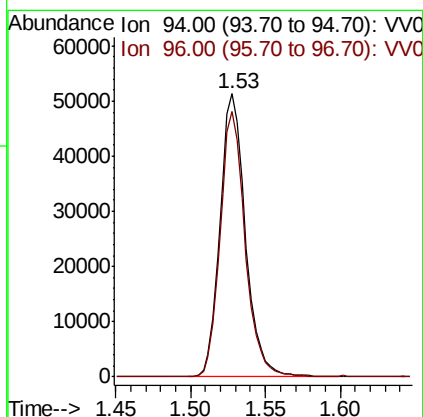
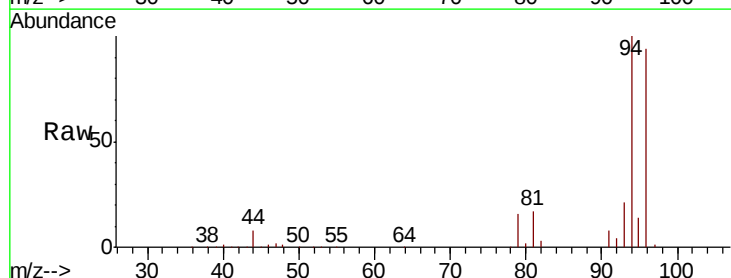
Acq: 09 Apr 2020 13:13

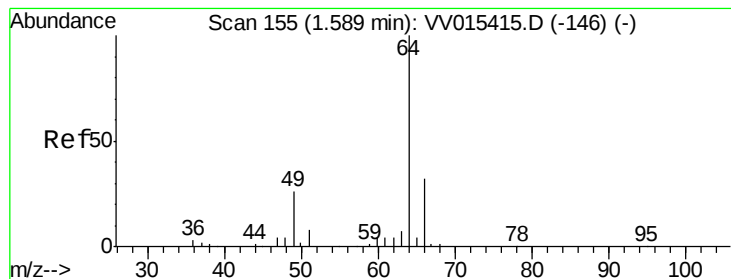
Tgt Ion: 94 Resp: 60764

Ion Ratio Lower Upper

94 100

96 93.8 67.2 124.8





#8

Chloroethane

Concen: 8.552 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

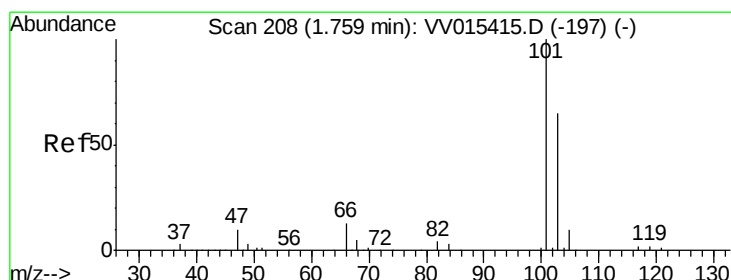
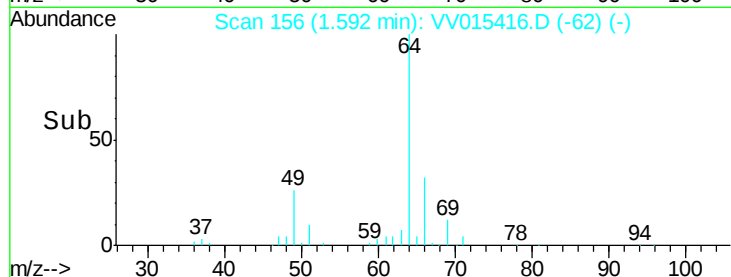
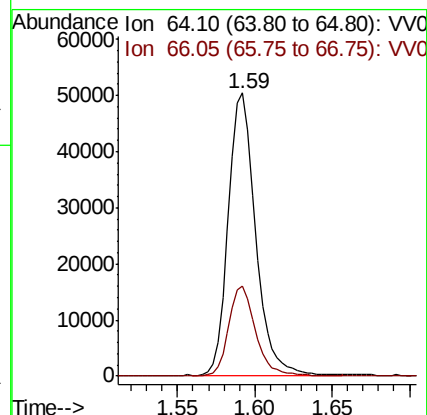
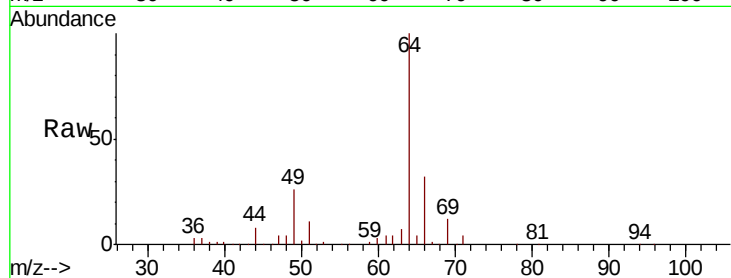
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 64 Resp: 61500

Ion Ratio Lower Upper

64 100

66 31.9 22.3 41.5



#9

Trichlorofluoromethane

Concen: 7.974 ug/L

RT: 1.76 min Scan# 208

Delta R.T. 0.00 min

Lab File: VV015416.D

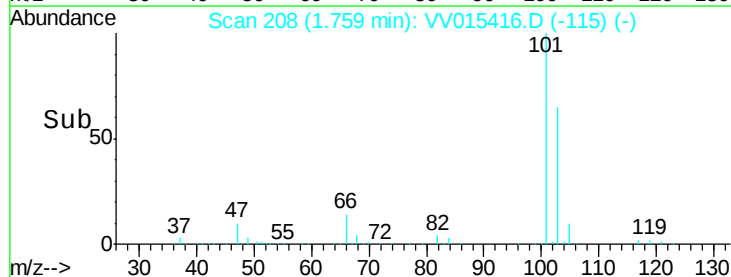
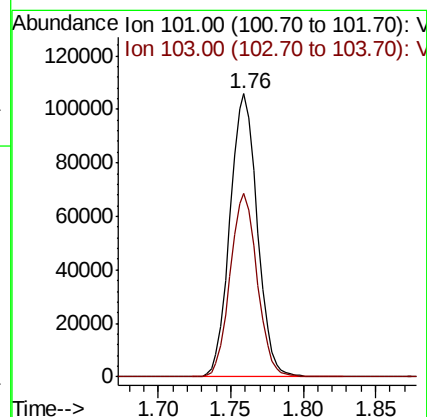
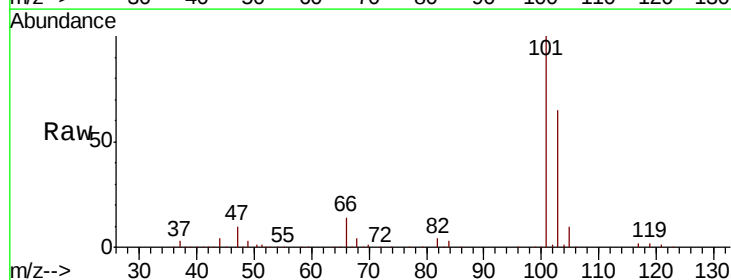
Acq: 09 Apr 2020 13:13

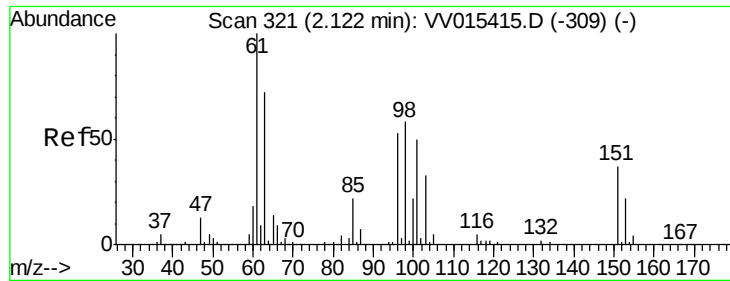
Tgt Ion: 101 Resp: 137975

Ion Ratio Lower Upper

101 100

103 64.2 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 7.163 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Instrument :

MSVOA_V

ClientSampled :

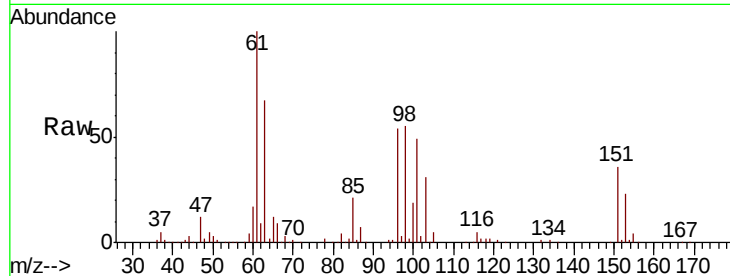
Tot Ion:101 Resp: 76997

Ion Ratio Lower Upper

101 100

85 44.2 36.3 54.5

151 73.4 58.2 87.4

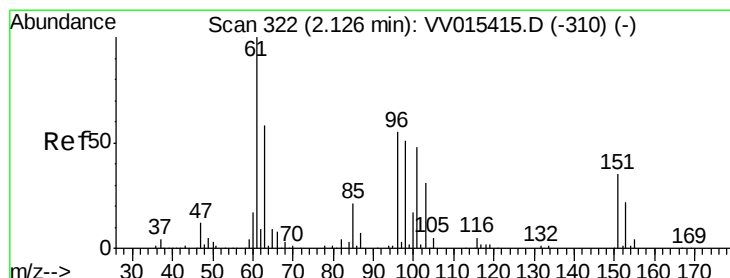
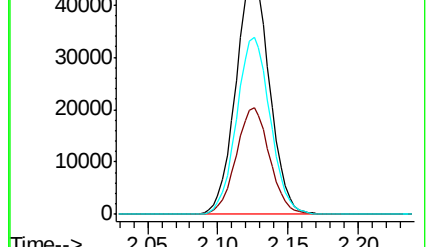
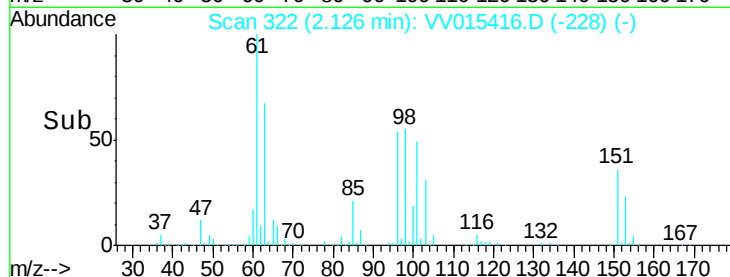


Abundance Ion 101.00 (100.70 to 101.70): VV015416.D (-228) (-)

Ion 85.00 (84.70 to 85.70): VV015416.D (-228) (-)

Ion 151.00 (150.70 to 151.70): VV015416.D (-228) (-)

Time-->



#12

1,1-Dichloroethene

Concen: 7.127 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

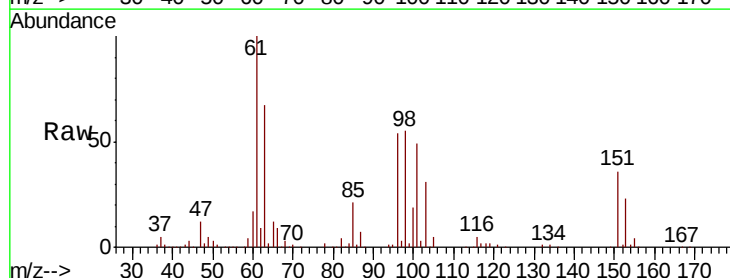
Tgt Ion: 96 Resp: 73314

Ion Ratio Lower Upper

96 100

61 186.6 127.7 237.1

63 124.7 75.1 139.5

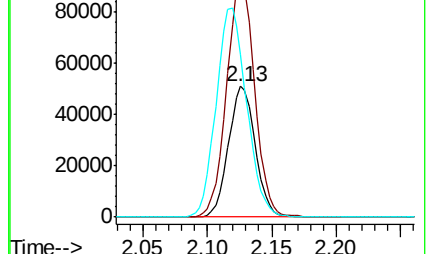
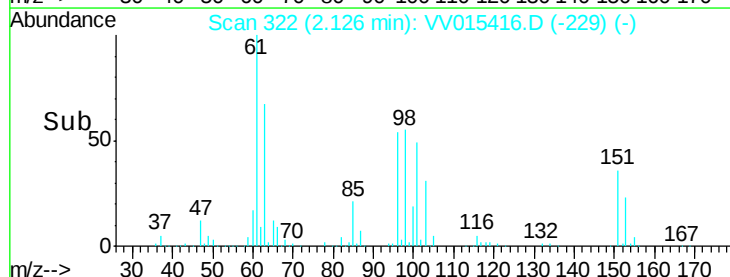


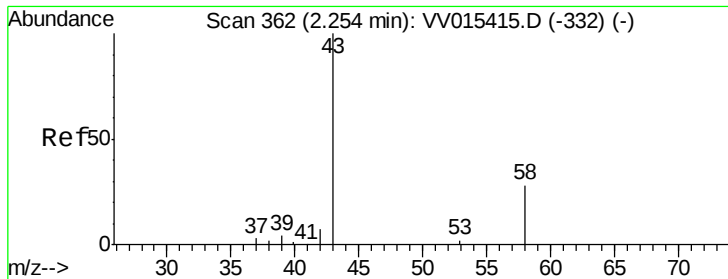
Abundance Ion 96.00 (95.70 to 96.70): VV015416.D (-229) (-)

Ion 61.05 (60.75 to 61.75): VV015416.D (-229) (-)

Ion 63.00 (62.70 to 63.70): VV015416.D (-229) (-)

Time-->





#13

Acetone

Concen: 88.906 ug/L

RT: 2.26 min Scan# 364

Delta R.T. 0.01 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

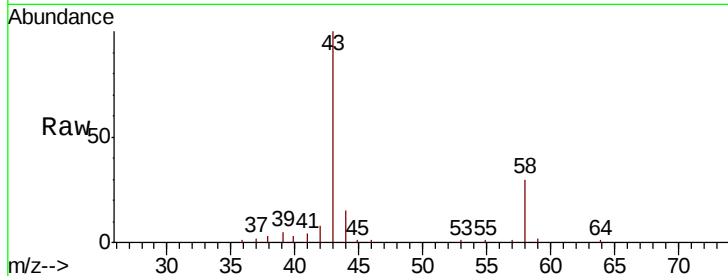
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 118929

Ion Ratio Lower Upper

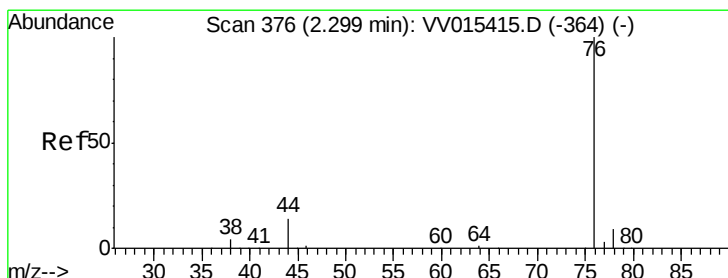
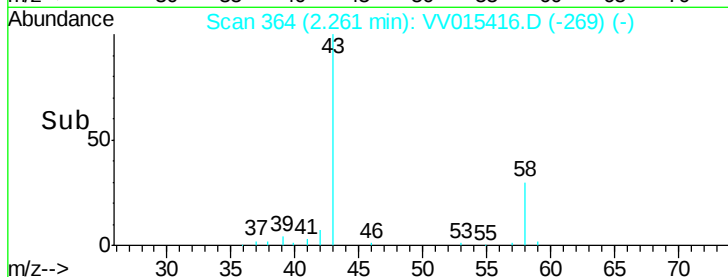
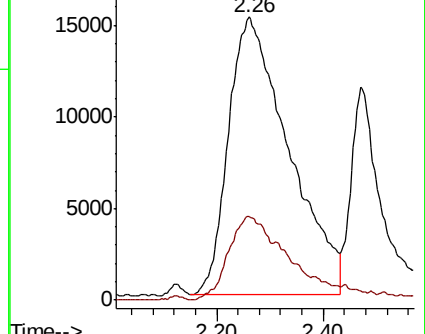
43 100

58 18.8 0.0 22.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 7.858 ug/L

RT: 2.30 min Scan# 376

Delta R.T. 0.00 min

Lab File: VV015416.D

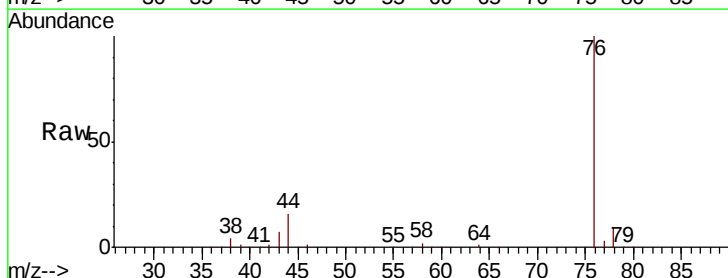
Acq: 09 Apr 2020 13:13

Tgt Ion: 76 Resp: 260026

Ion Ratio Lower Upper

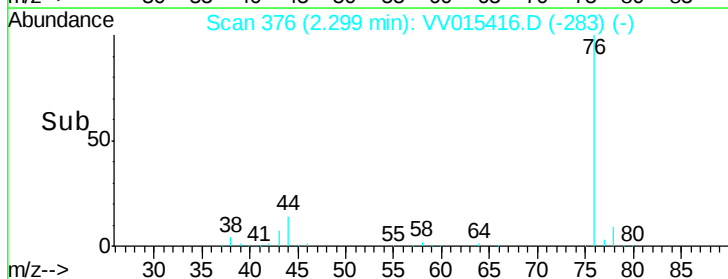
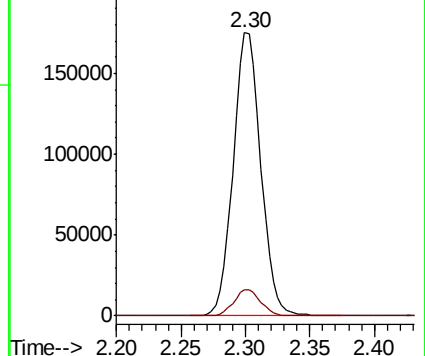
76 100

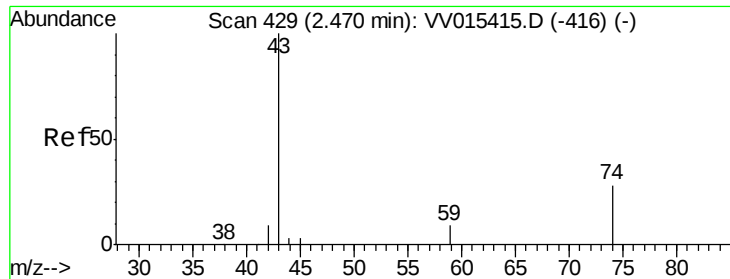
78 9.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

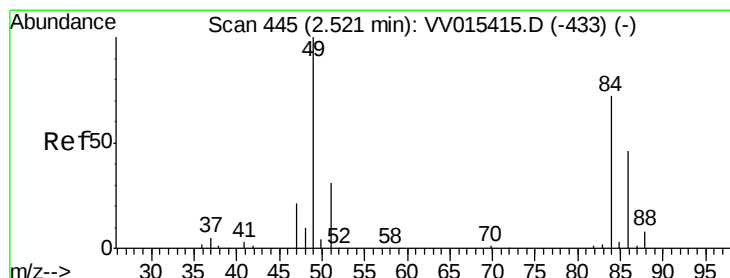
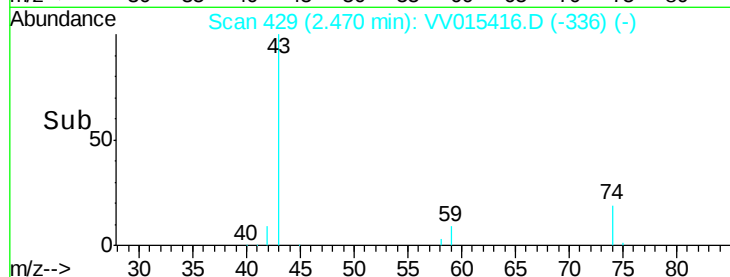
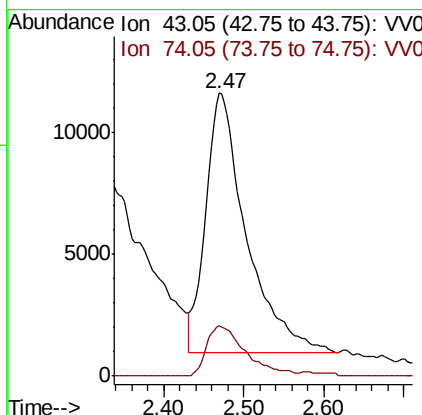
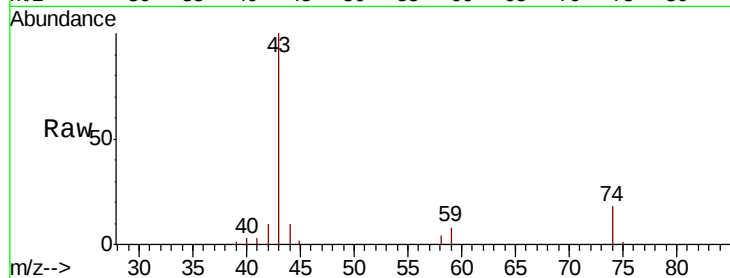




#15
Methvl Acetate
Concen: 9.096 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

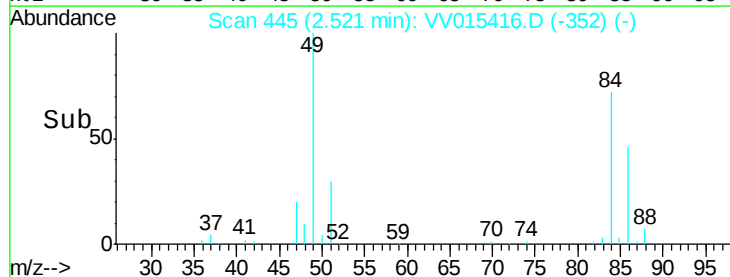
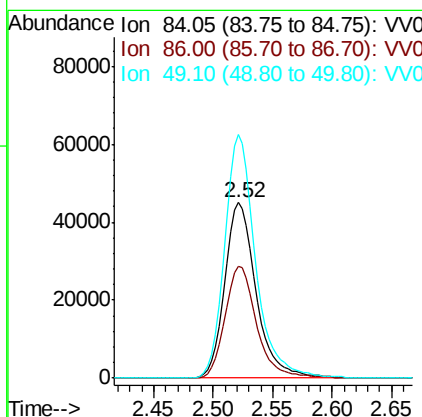
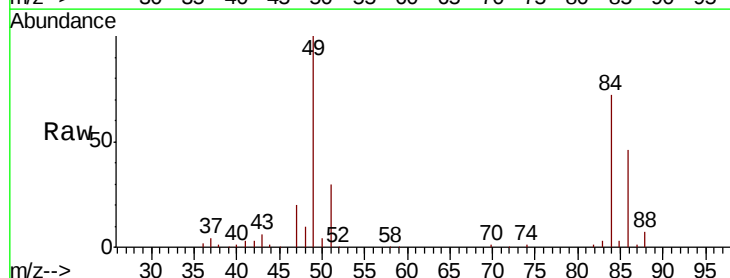
Instrument :
MSVOA_V
ClientSampled :

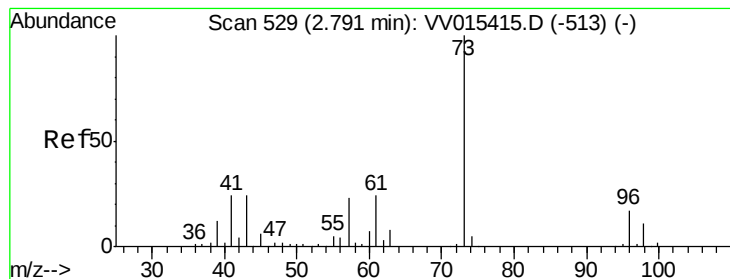
Tot Ion: 43 Resp: 37501
Ion Ratio Lower Upper
43 100
74 18.6 15.4 23.2



#16
Methylene chloride
Concen: 6.735 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

Tgt Ion: 84 Resp: 82381
Ion Ratio Lower Upper
84 100
86 63.8 45.1 83.7
49 138.5 97.9 181.7



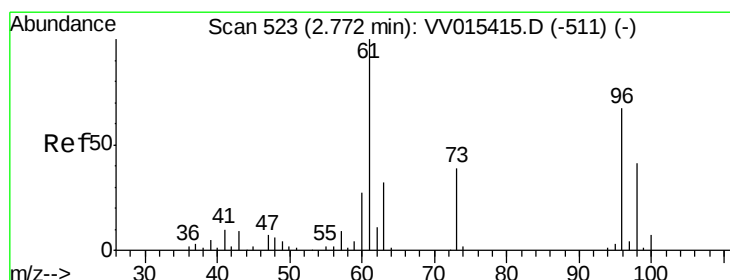
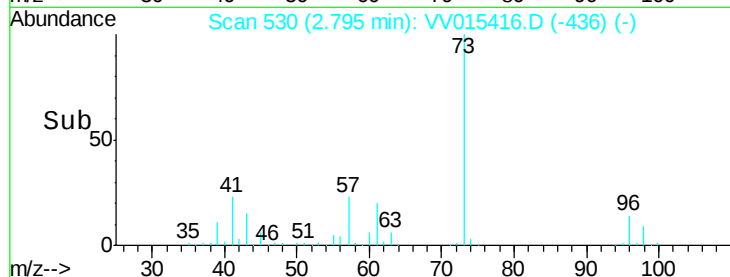
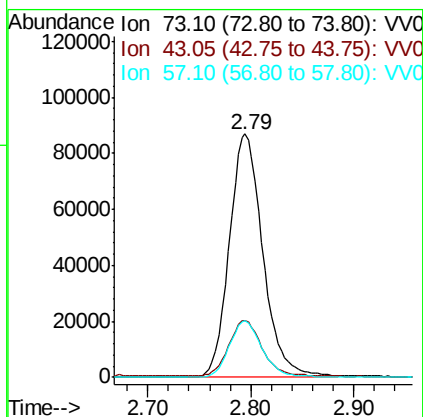
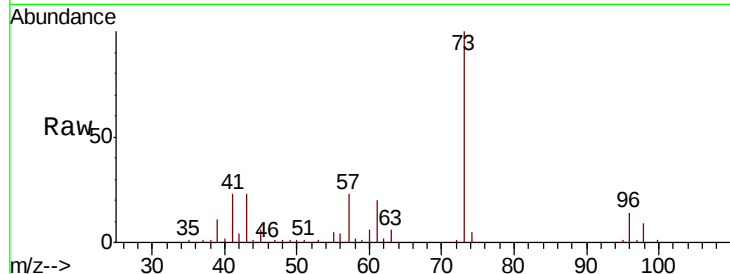


#17

Methyl tert-butyl Ether
 Concen: 8.400 ug/L
 RT: 2.79 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

Instrument :
 MSVOA_V
 ClientSampled :

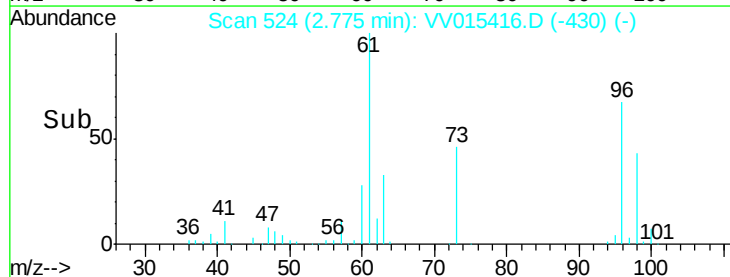
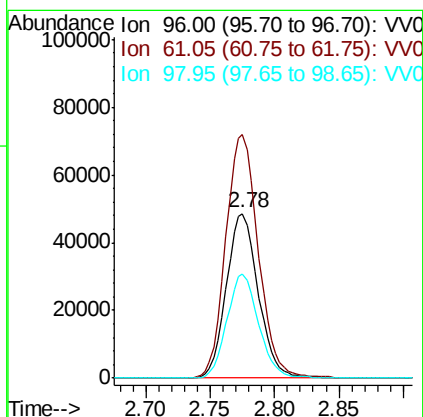
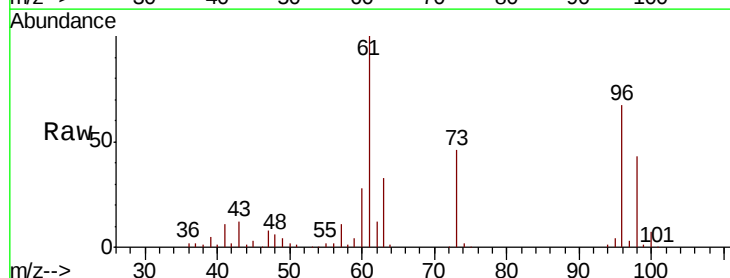
Tot Ion: 73 Resp: 197404
 Ion Ratio Lower Upper
 73 100
 43 22.7 18.3 27.5
 57 22.7 18.4 27.6

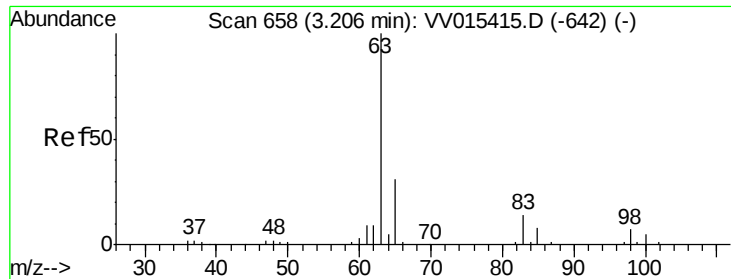


#18

trans-1,2-Dichloroethene
 Concen: 7.690 ug/L
 RT: 2.78 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

Tgt Ion: 96 Resp: 83666
 Ion Ratio Lower Upper
 96 100
 61 148.3 104.4 194.0
 98 63.3 42.8 79.4

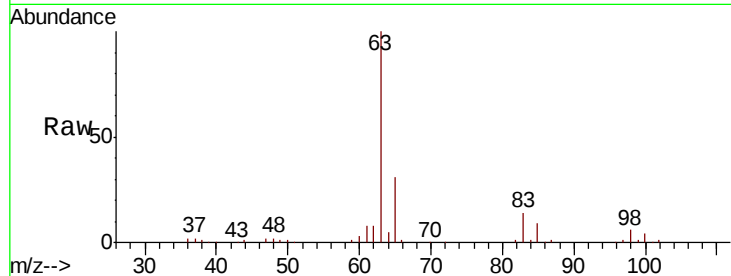




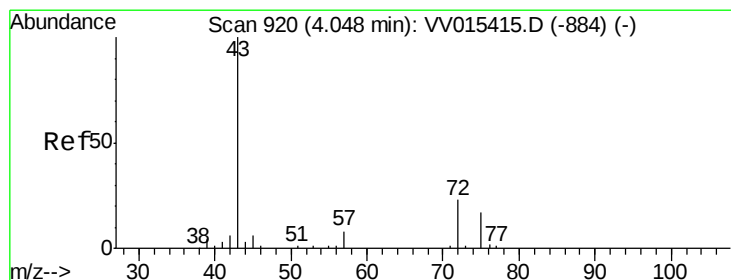
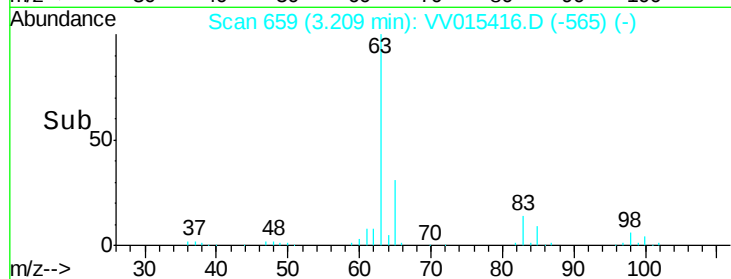
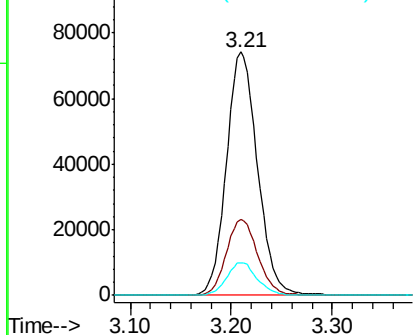
#19
 1,1-Dichloroethane
 Concen: 8.409 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 159071
 Ion Ratio Lower Upper
 63 100
 65 31.2 21.3 39.6
 83 13.5 9.4 17.6

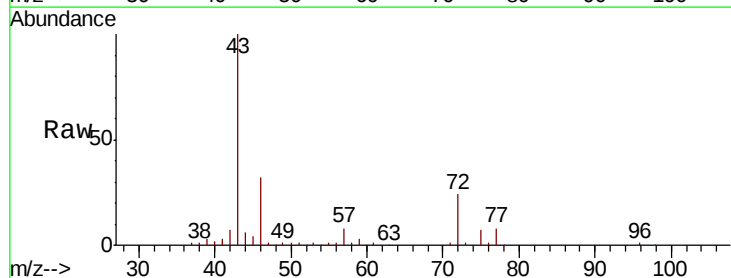


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

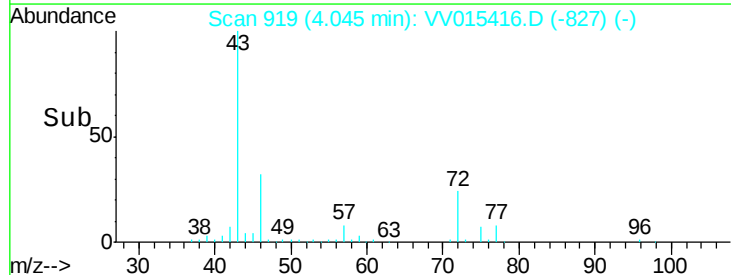
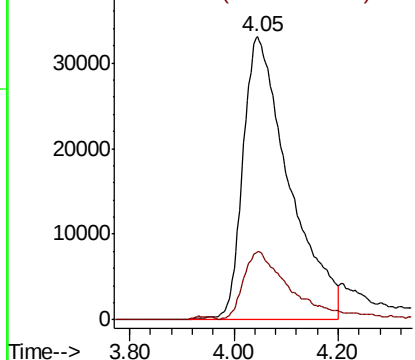


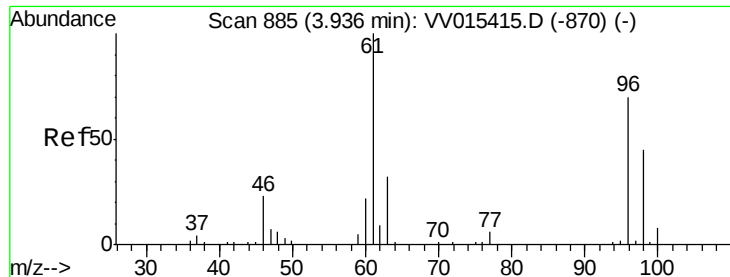
#21
 2-Butanone
 Concen: 93.146 ug/L
 RT: 4.05 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

Tgt Ion: 43 Resp: 203244
 Ion Ratio Lower Upper
 43 100
 72 20.6 5.9 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 72.00 (71.70 to 72.70): VV0





#22

cis-1,2-Dichloroethene

Concen: 7.753 ug/L

RT: 3.94 min Scan# 886

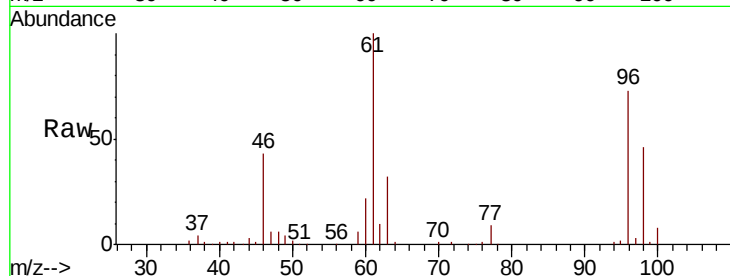
Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Instrument :
MSVOA_V
ClientSampleId :

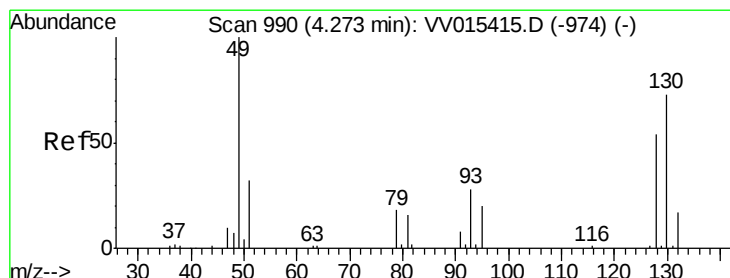
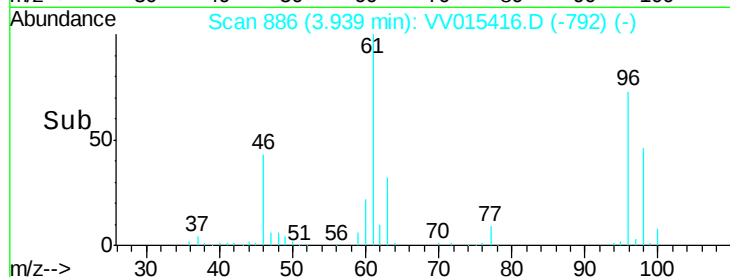
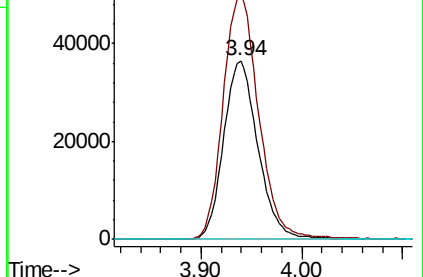
Tot Ion:	96	Resp:	86562
Ion	Ratio	Lower	Upper
96	100		
61	136.5	100.0	185.8
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015416.D (-792) (-)

Ion 61.05 (60.75 to 61.75): VV015416.D (-792) (-)

Ion 68.15 (67.85 to 68.85): VV015416.D (-792) (-)



#23

Bromochloromethane

Concen: 7.899 ug/L

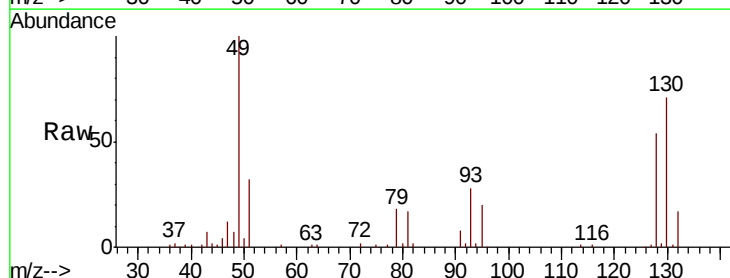
RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Tgt Ion:	128	Resp:	36123
Ion	Ratio	Lower	Upper
128	100		
49	184.2	128.8	239.2
130	130.0	93.5	173.7
51	59.7	47.8	71.6

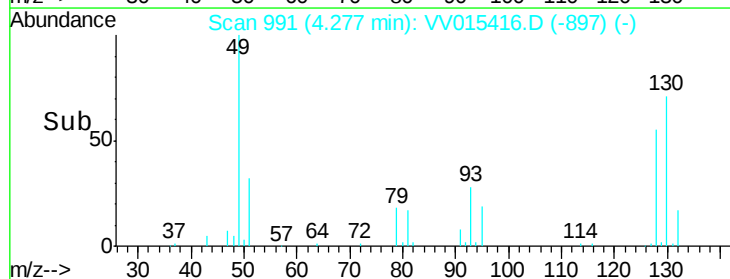
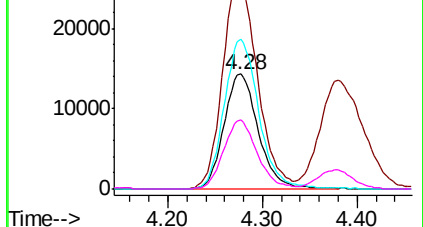


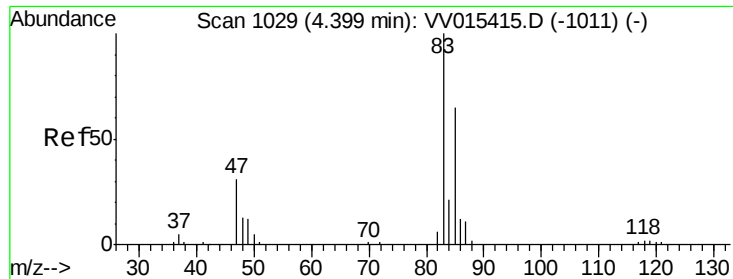
Abundance Ion 127.90 (127.60 to 128.60): VV015416.D (-897) (-)

Ion 49.10 (48.80 to 49.80): VV015416.D (-897) (-)

Ion 129.95 (129.65 to 130.65): VV015416.D (-897) (-)

Ion 51.05 (50.75 to 51.75): VV015416.D (-897) (-)

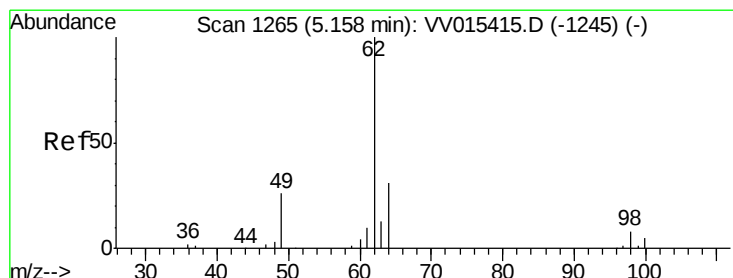
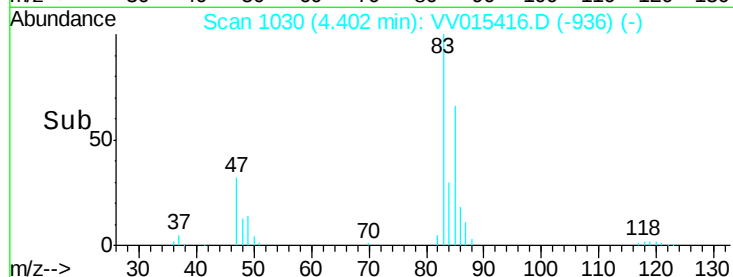
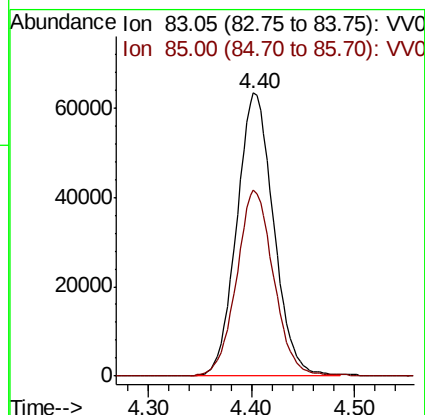
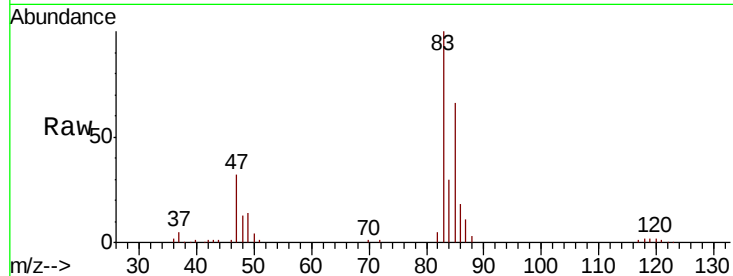




#25
Chloroform
Concen: 7.407 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

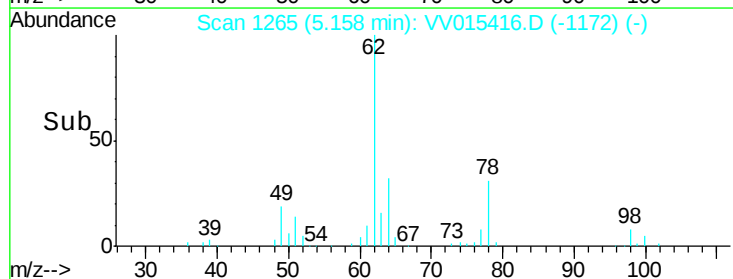
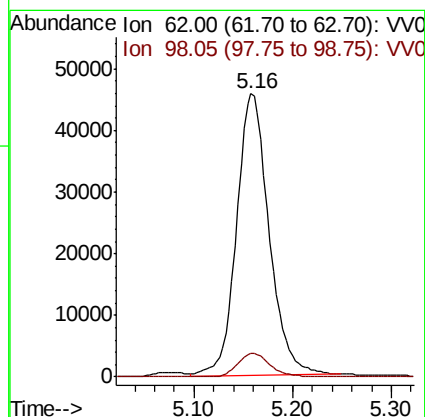
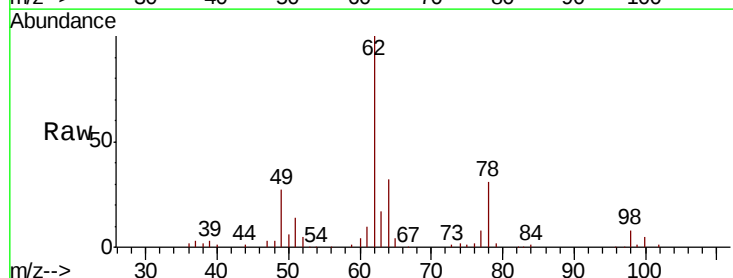
Instrument :
MSVOA_V
ClientSampleId :

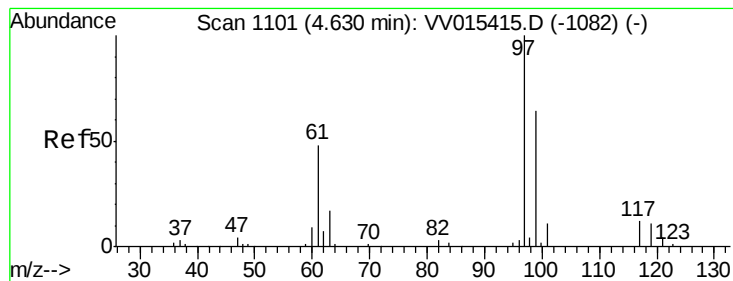
Tot Ion: 83 Resp: 157401
Ion Ratio Lower Upper
83 100
85 65.6 45.9 85.3



#27
1,2-Dichloroethane
Concen: 10.916 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

Tgt Ion: 62 Resp: 104120
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 8.377 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Instrument :

MSVOA_V

ClientSampleId :

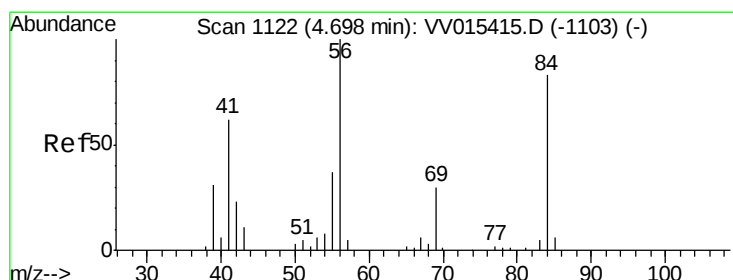
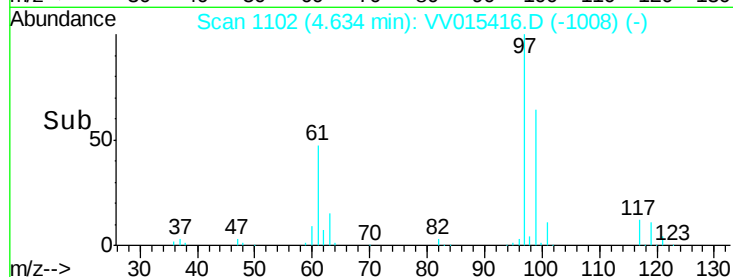
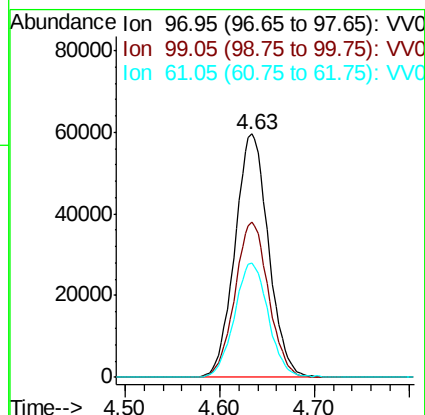
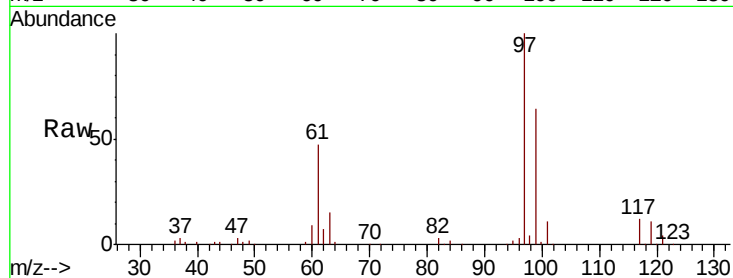
Tot Ion: 97 Resp: 146907

Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 47.2 39.0 58.6



#30

Cyclohexane

Concen: 9.279 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

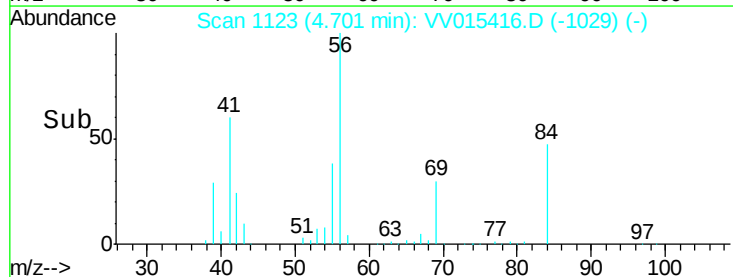
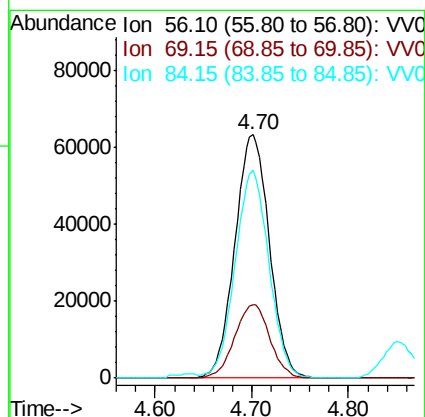
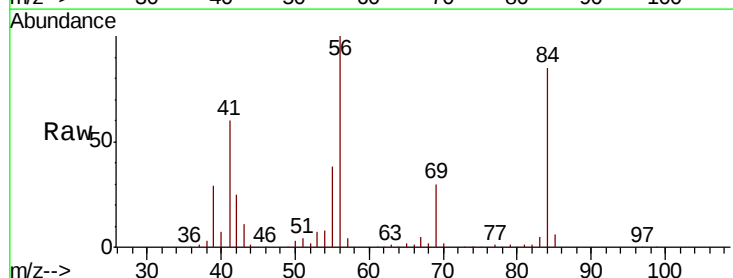
Tgt Ion: 56 Resp: 157243

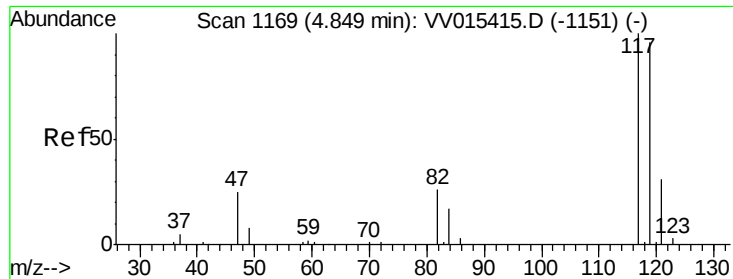
Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

84 83.7 68.4 102.6

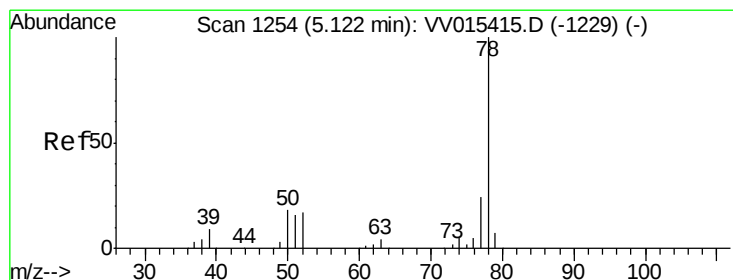
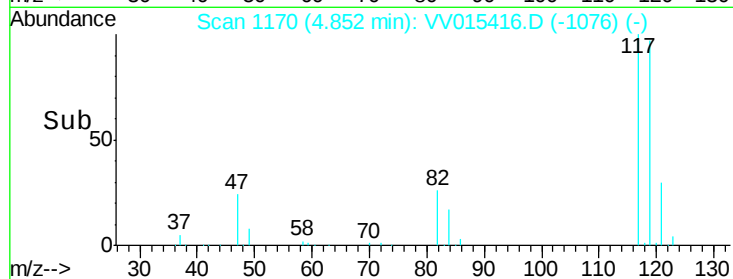
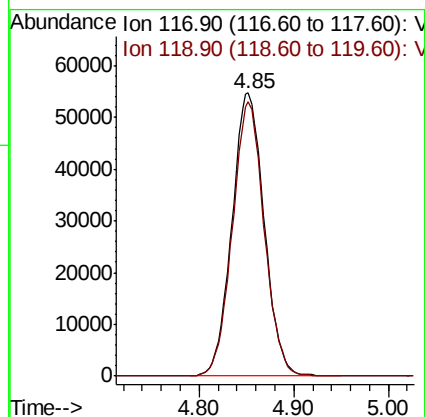
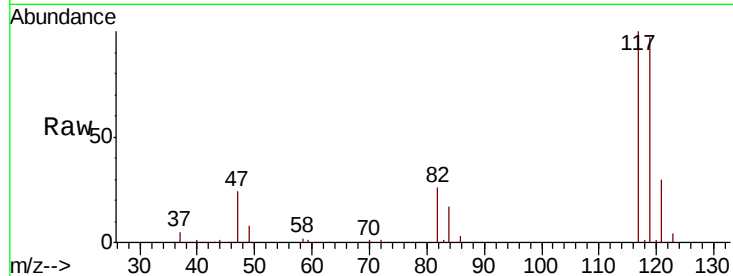




#31
Carbon tetrachloride
Concen: 8.537 ug/L
RT: 4.85 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

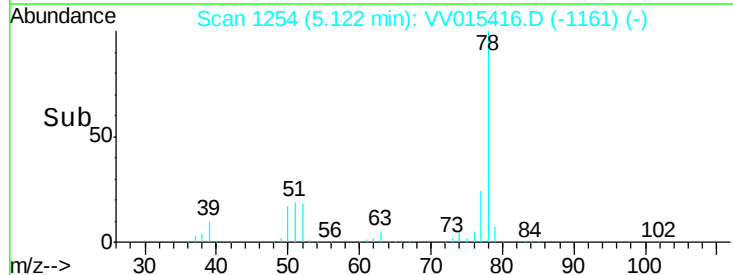
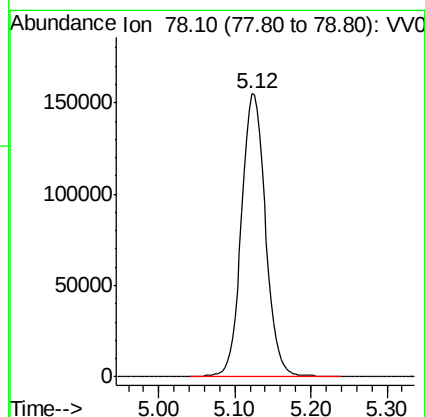
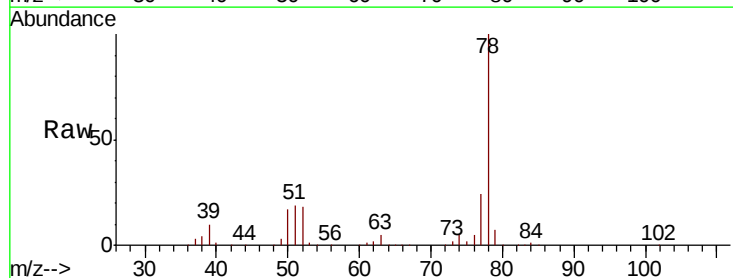
Instrument :
MSVOA_V
ClientSampleId :

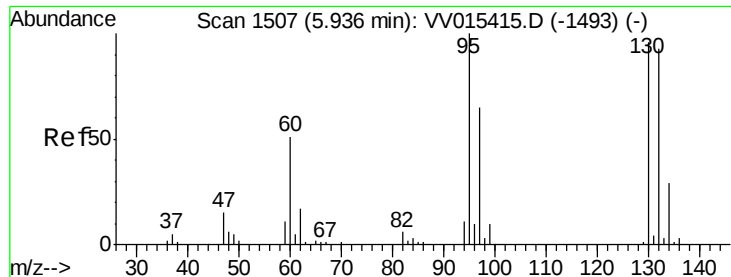
Tot Ion:117 Resp: 129291
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0



#33
Benzene
Concen: 10.941 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

Tgt Ion: 78 Resp: 340739

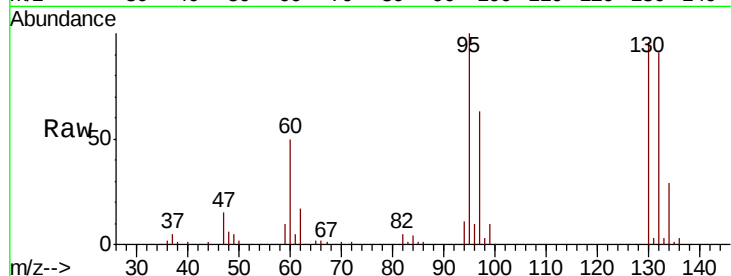




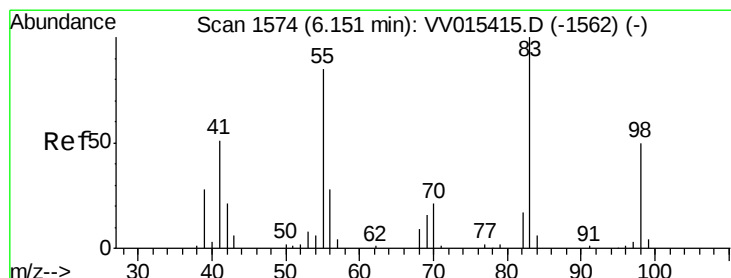
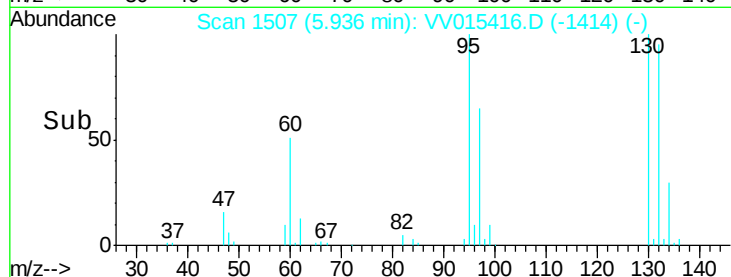
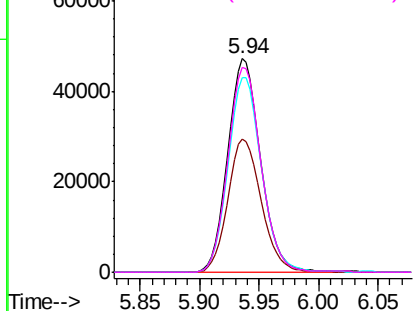
#34
 Trichloroethene
 Concen: 10.268 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 90467
 Ion Ratio Lower Upper
 95 100
 97 62.6 45.4 84.4
 132 91.3 64.8 120.4
 130 95.7 67.4 125.2

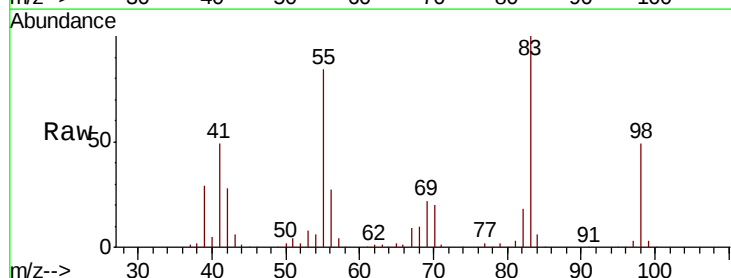


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

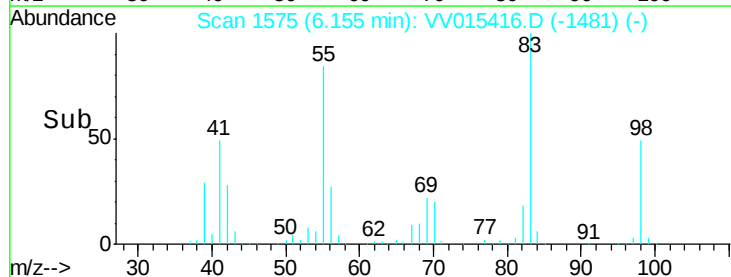
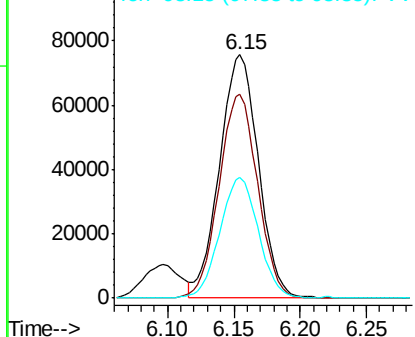


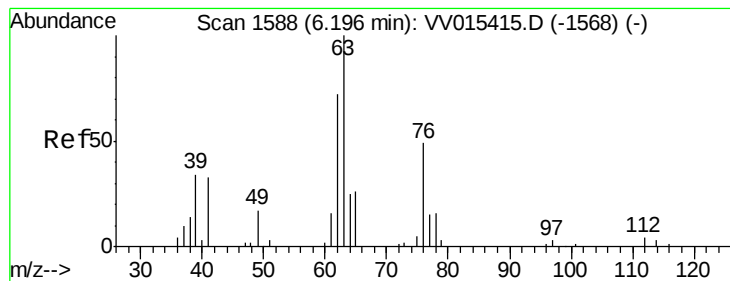
#35
 Methylcyclohexane
 Concen: 10.062 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

Tgt Ion: 83 Resp: 154264
 Ion Ratio Lower Upper
 83 100
 55 83.3 66.6 99.8
 98 49.5 38.7 58.1



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 11.361 ug/L

RT: 6.20 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

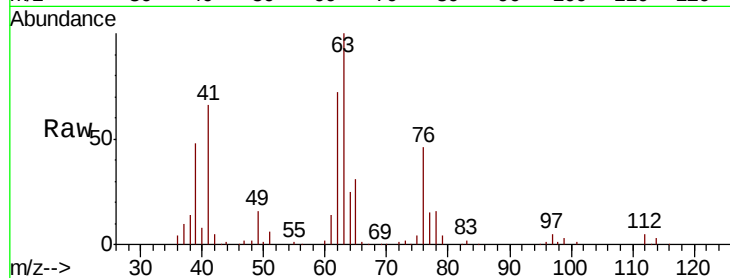
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 63 Resp: 85486

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4

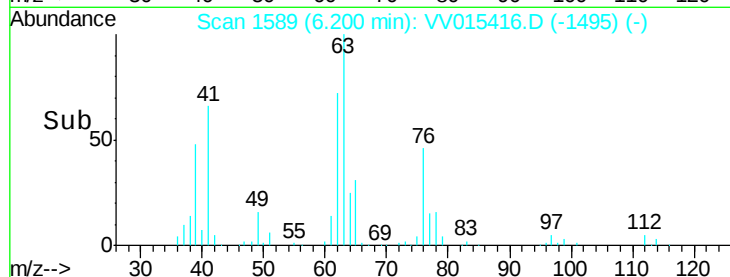


Abundance Ion 63.10 (62.80 to 63.80): VV015416.D (-1495) (-)

Ion 112.10 (111.80 to 112.80): VV015416.D (-1495) (-)

6.20

Time-->



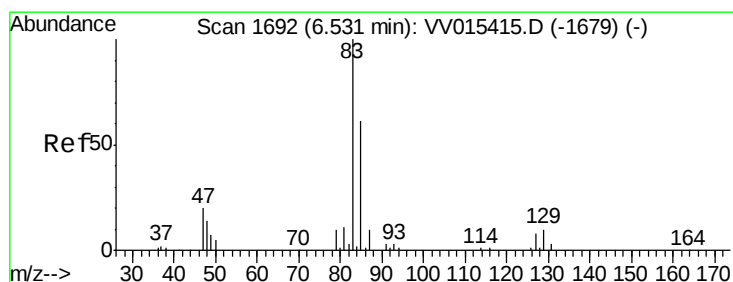
Abundance

Ion 63.10 (62.80 to 63.80): VV015416.D (-1495) (-)

Ion 112.10 (111.80 to 112.80): VV015416.D (-1495) (-)

6.20

Time-->



#38

Bromodichloromethane

Concen: 10.907 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

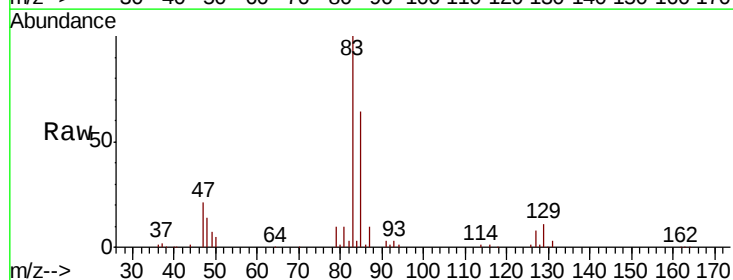
Tgt Ion: 83 Resp: 113049

Ion Ratio Lower Upper

83 100

85 64.0 42.6 79.2

127 8.1 6.6 9.8



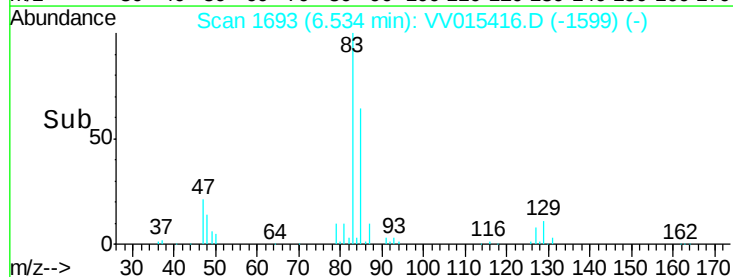
Abundance Ion 82.95 (82.65 to 83.65): VV015416.D (-1599) (-)

Ion 85.00 (84.70 to 85.70): VV015416.D (-1599) (-)

Ion 126.90 (126.60 to 127.60): VV015416.D (-1599) (-)

6.53

Time-->



Abundance

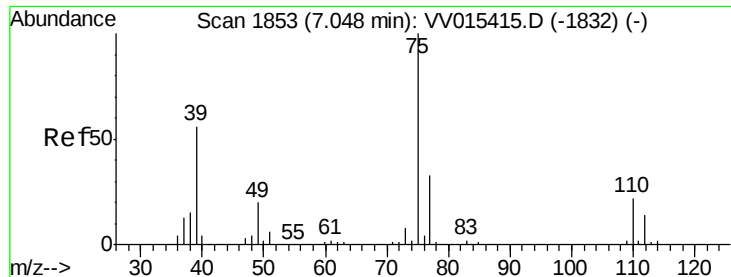
Ion 82.95 (82.65 to 83.65): VV015416.D (-1599) (-)

Ion 85.00 (84.70 to 85.70): VV015416.D (-1599) (-)

Ion 126.90 (126.60 to 127.60): VV015416.D (-1599) (-)

6.53

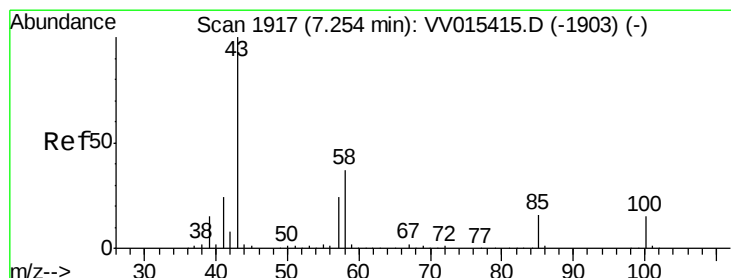
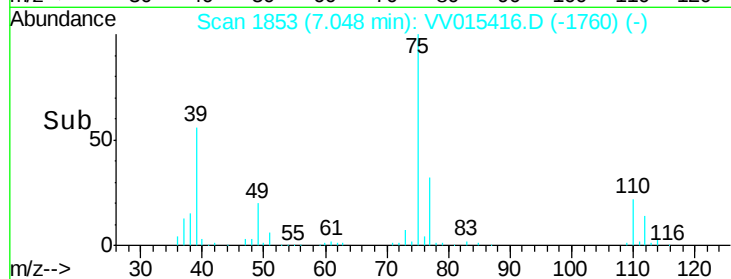
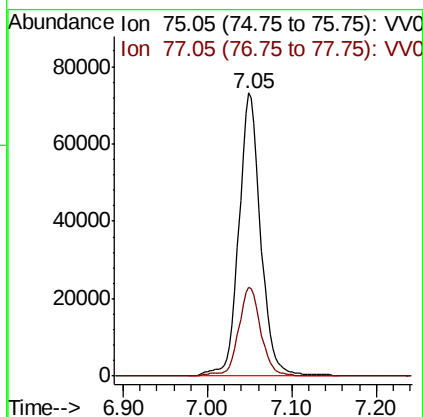
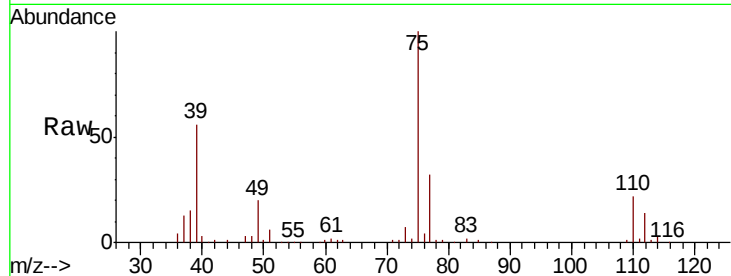
Time-->



#39
 cis-1,3-Dichloropropene
 Concen: 11.250 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

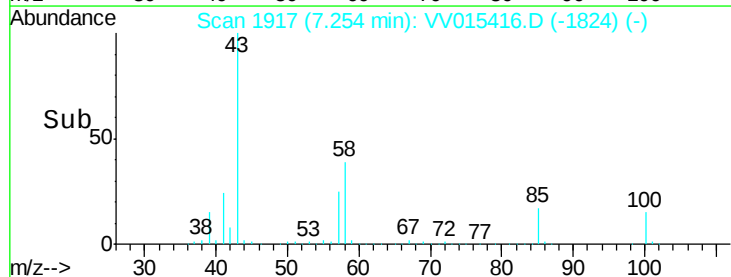
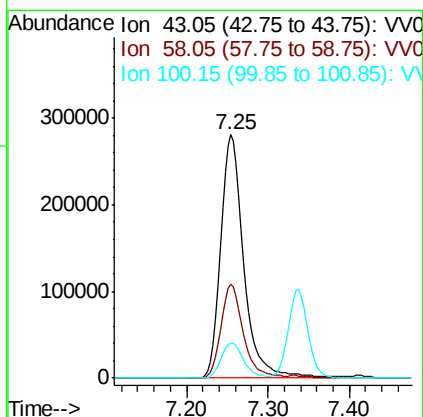
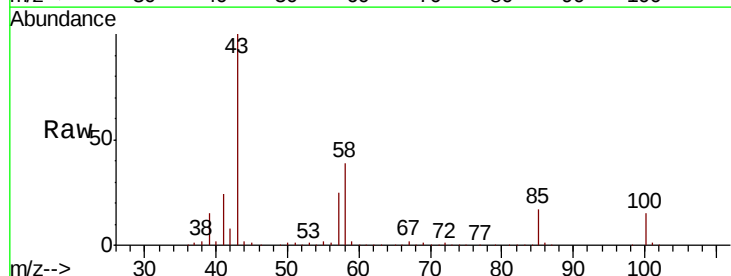
Instrument :
 MSVOA_V
 ClientSampled :

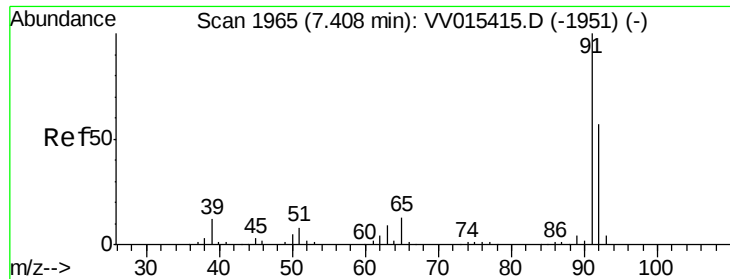
Tot Ion: 75 Resp: 133093
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 128.458 ug/L
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

Tgt Ion: 43 Resp: 562974
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.0 43.6
 100 14.1 11.0 16.6





#42

Toluene

Concen: 10.179 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

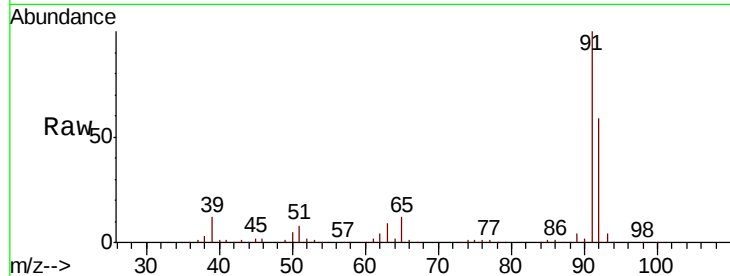
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 375402

Ion Ratio Lower Upper

91 100

92 59.2 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

250000

200000

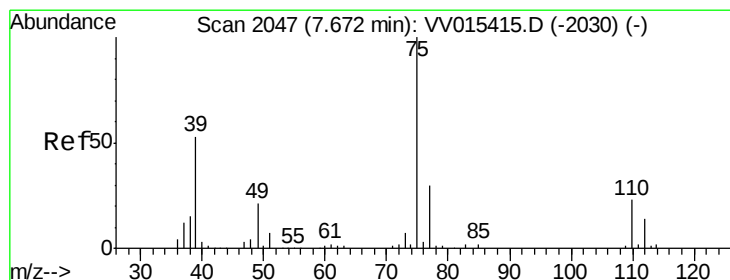
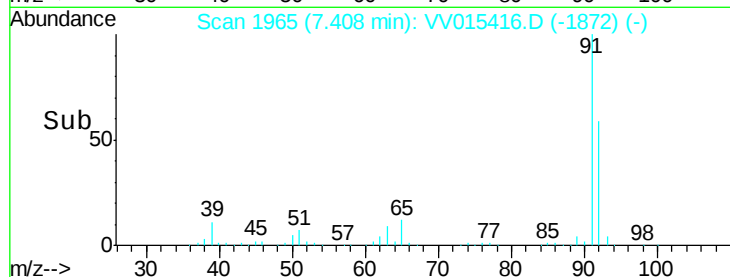
150000

100000

50000

0

Time--> 7.30 7.40 7.50



#44

trans-1,3-Dichloropropene

Concen: 11.327 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV015416.D

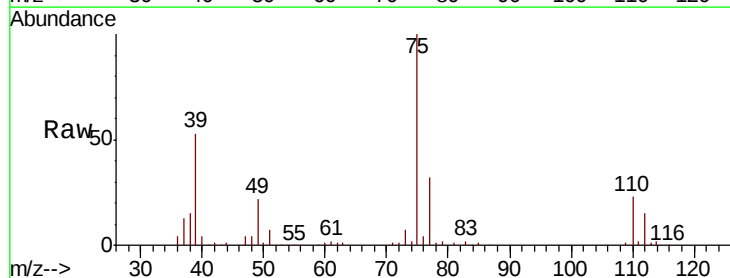
Acq: 09 Apr 2020 13:13

Tgt Ion: 75 Resp: 114242

Ion Ratio Lower Upper

75 100

77 31.6 21.0 39.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

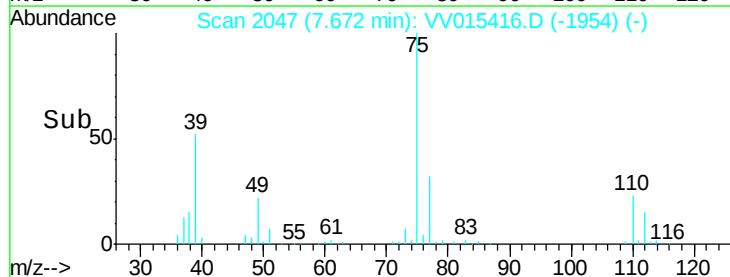
60000

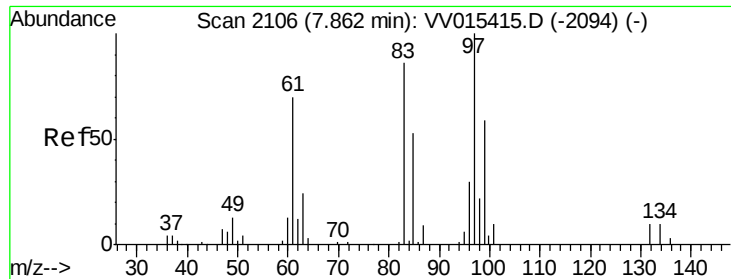
40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75

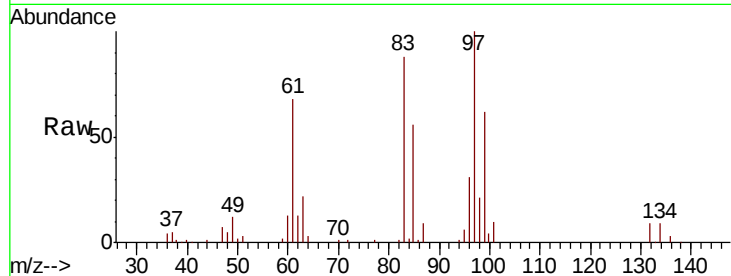




#45
1,1,2-Trichloroethane
Concen: 10.138 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:	97	Resp:	56869
Ion	Ratio	Lower	Upper
97	100		
99	62.2	41.3	76.7
83	88.2	60.5	112.3
85	56.3	36.8	68.4



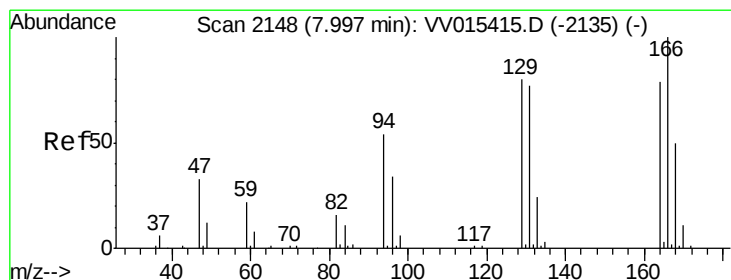
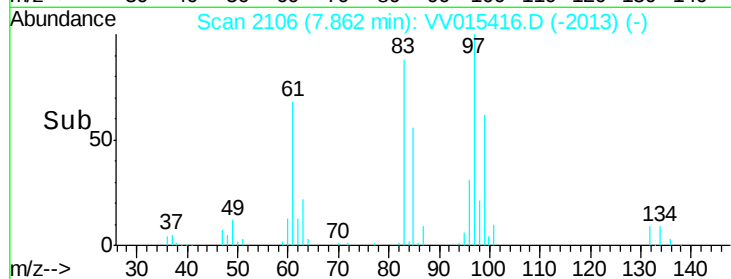
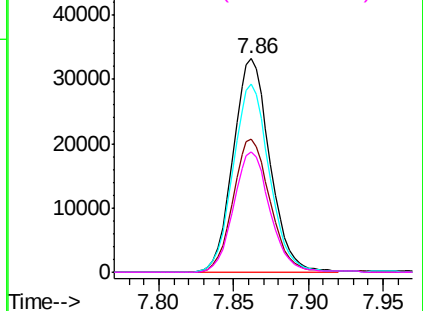
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

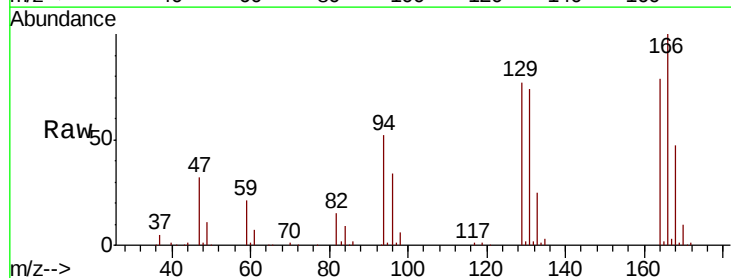
Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47
Tetrachloroethene
Concen: 10.655 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

Tgt Ion:	164	Resp:	69122
Ion	Ratio	Lower	Upper
164	100		
129	97.3	70.6	131.0
131	93.0	68.3	126.8
166	126.6	88.3	163.9



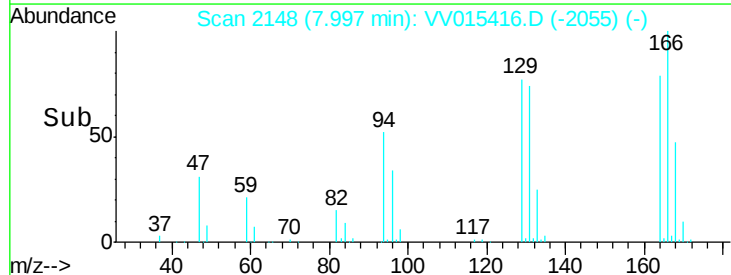
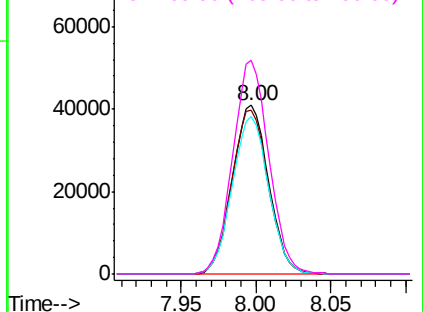
Abundance

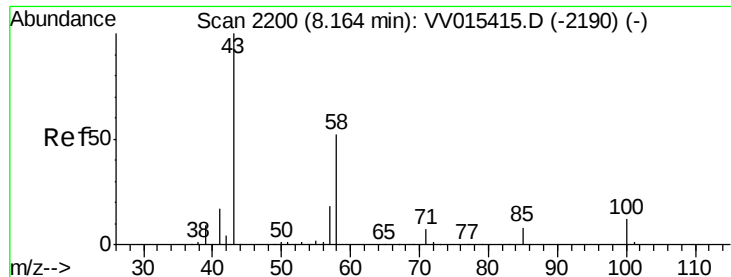
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

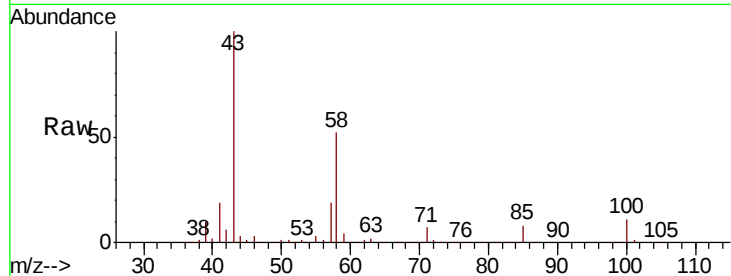




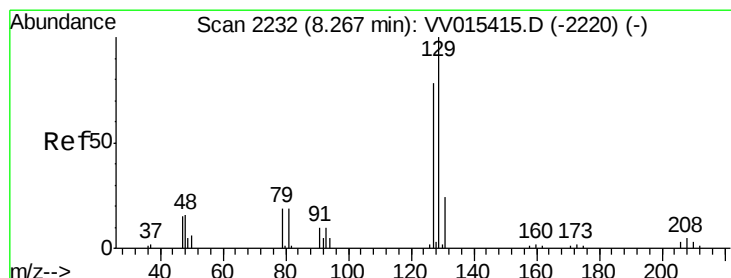
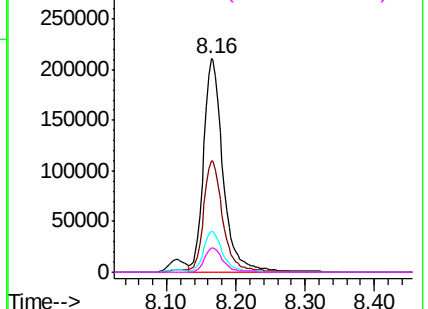
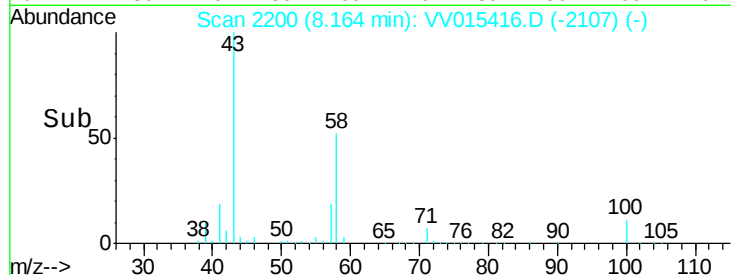
#48
2-Hexanone
Concen: 131.415 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 408956
Ion Ratio Lower Upper
43 100
58 52.3 41.4 62.0
57 19.4 15.0 22.4
100 11.1 9.4 14.2

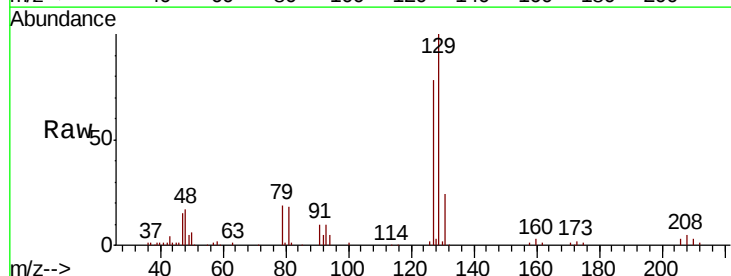


Abundance Ion 43.05 (42.75 to 43.75): VV015416.D (-2107) (-)
Ion 58.05 (57.75 to 58.75): VV015416.D (-2107) (-)
Ion 57.20 (56.90 to 57.90): VV015416.D (-2107) (-)
Ion 100.15 (99.85 to 100.85): VV015416.D (-2107) (-)

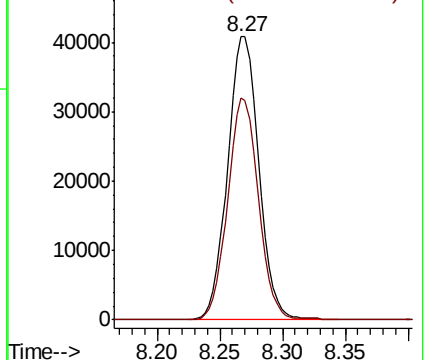
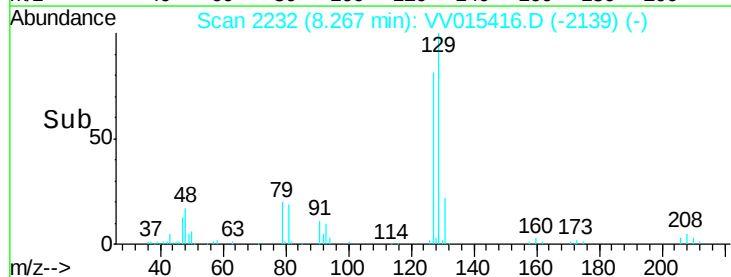


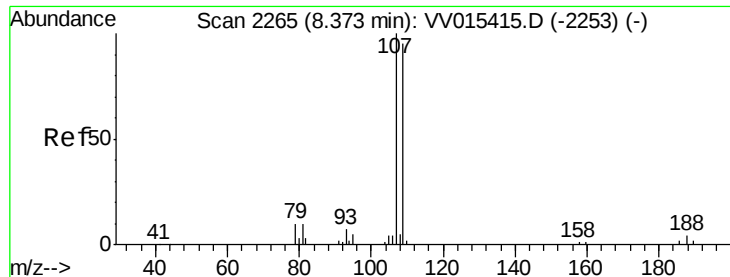
#49
Dibromochloromethane
Concen: 10.678 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

Tgt Ion: 129 Resp: 70768
Ion Ratio Lower Upper
129 100
127 78.5 54.7 101.7



Abundance Ion 128.95 (128.65 to 129.65): VV015416.D (-2139) (-)
Ion 126.90 (126.60 to 127.60): VV015416.D (-2139) (-)

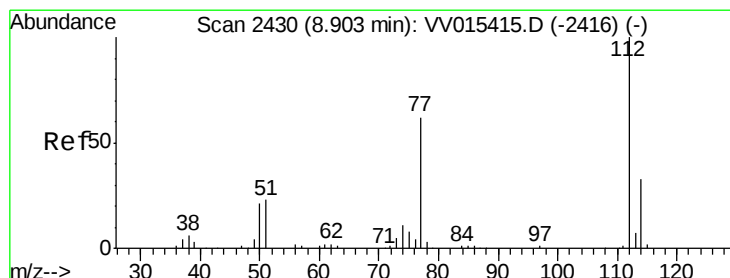
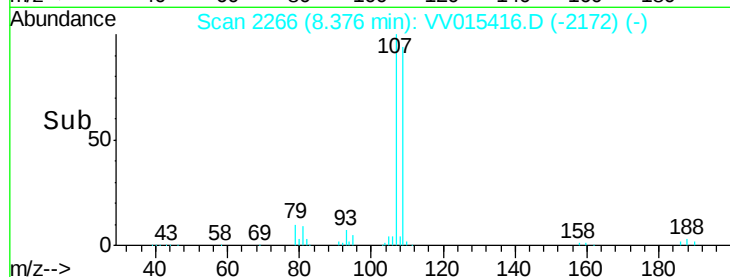
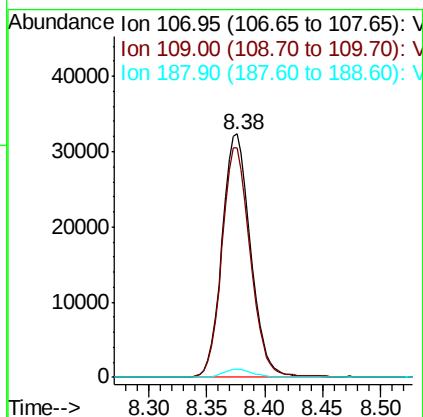
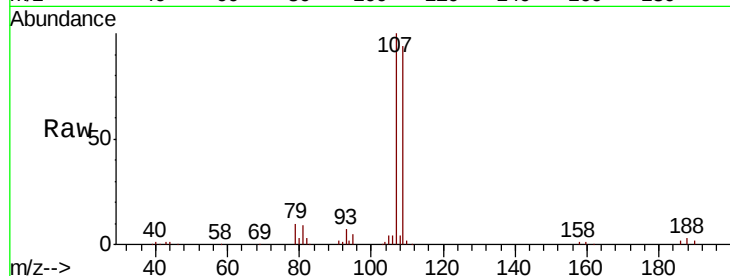




#50
1,2-Dibromoethane
Concen: 10.342 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

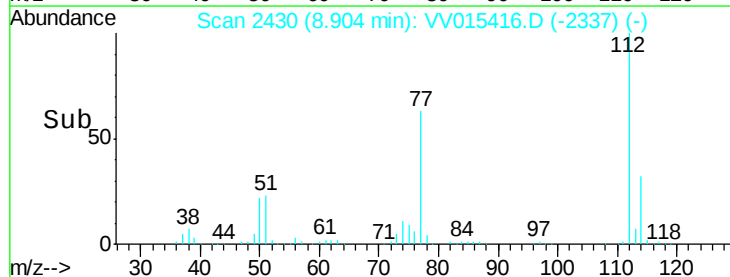
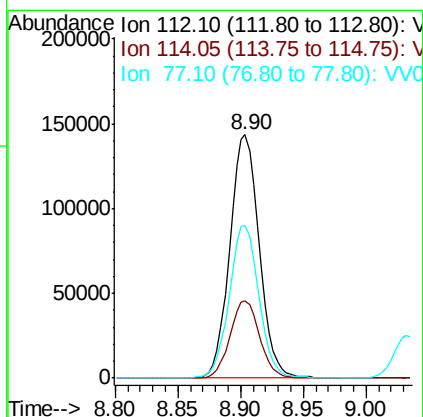
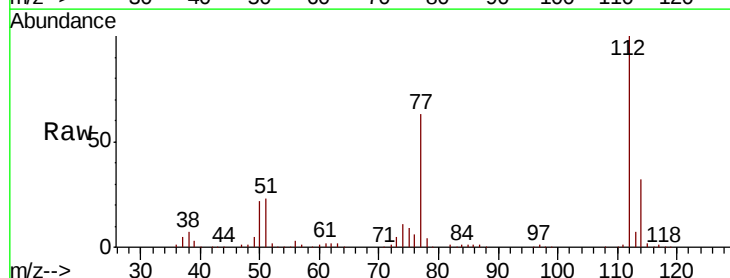
Instrument :
MSVOA_V
ClientSampleId :

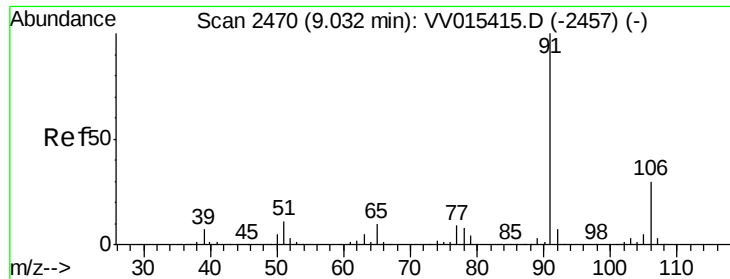
Tot Ion:107 Resp: 55110
Ion Ratio Lower Upper
107 100
109 94.0 66.7 123.9
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 9.800 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015416.D
Acq: 09 Apr 2020 13:13

Tgt Ion:112 Resp: 233620
Ion Ratio Lower Upper
112 100
114 31.9 22.9 42.5
77 63.0 49.8 74.8





#52

Ethylbenzene

Concen: 10.233 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

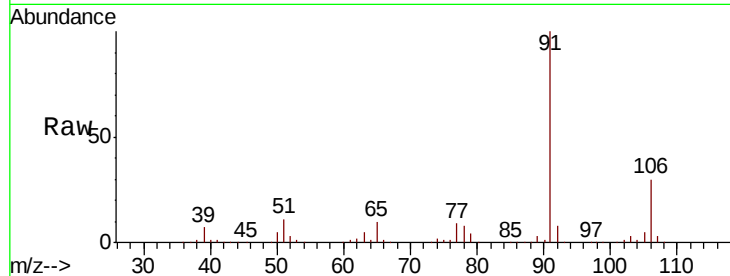
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 435139

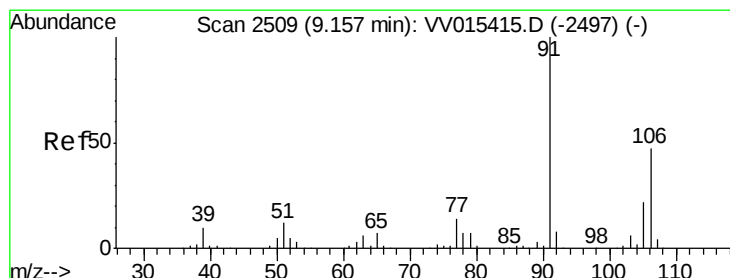
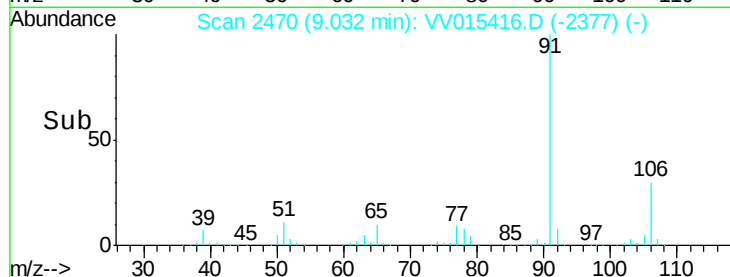
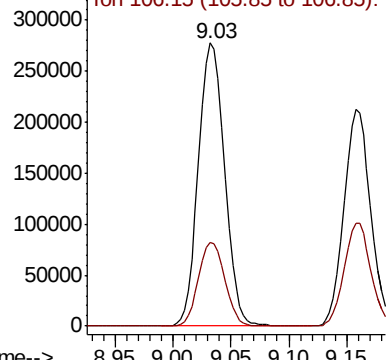
Ion Ratio Lower Upper

91 100

106 29.7 20.8 38.6



Abundance Ion 91.15 (90.85 to 91.85): VV015416.D (-2377) (-)



#53

m,p-xylene

Concen: 9.944 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV015416.D

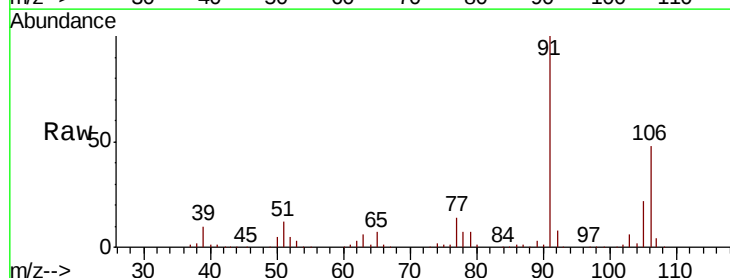
Acq: 09 Apr 2020 13:13

Tgt Ion: 106 Resp: 162860

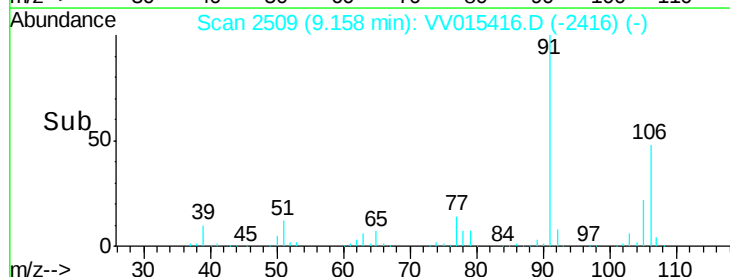
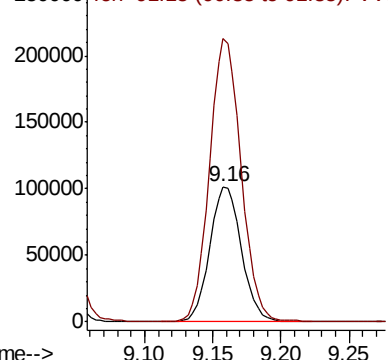
Ion Ratio Lower Upper

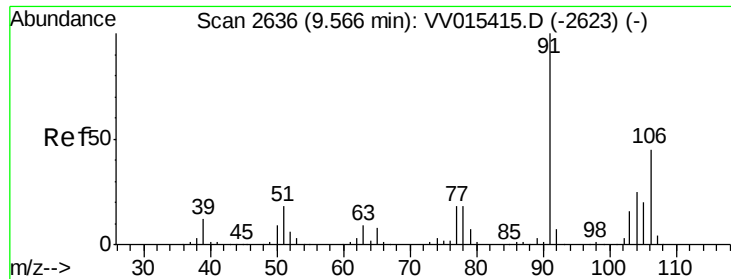
106 100

91 209.5 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): VV015416.D (-2416) (-)





#54

o-xylene

Concen: 9.882 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

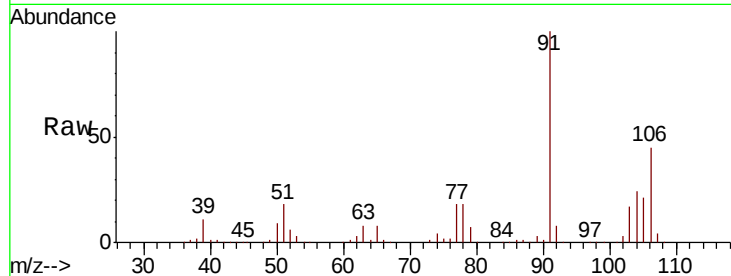
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 156704

Ion Ratio Lower Upper

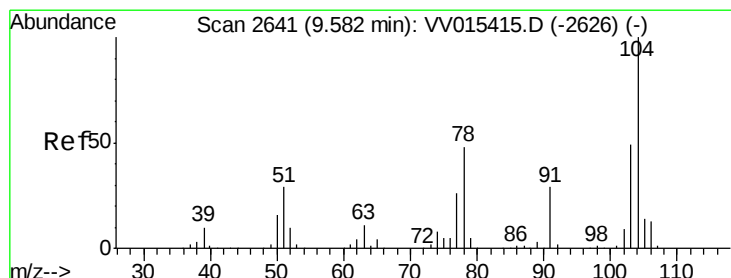
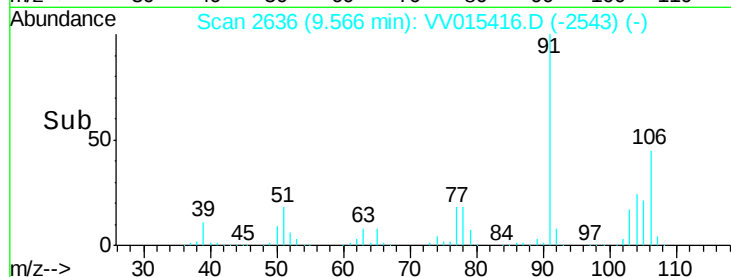
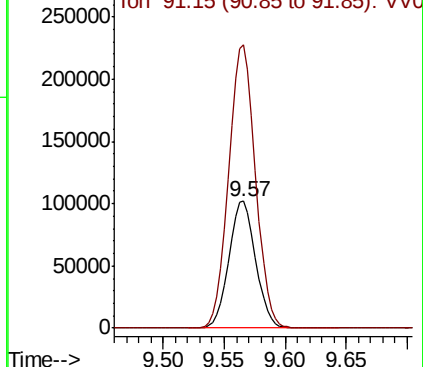
106 100

91 223.2 154.5 286.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 10.323 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV015416.D

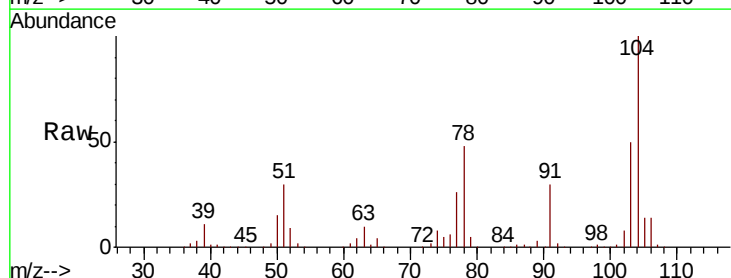
Acq: 09 Apr 2020 13:13

Tgt Ion:104 Resp: 270744

Ion Ratio Lower Upper

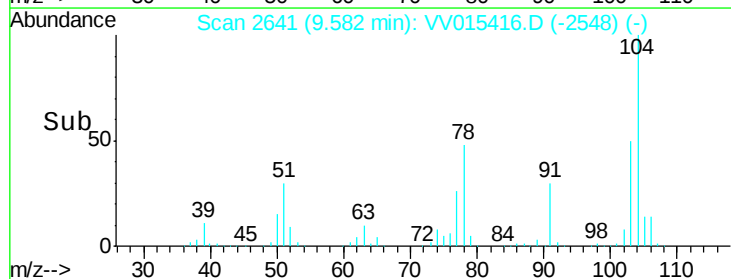
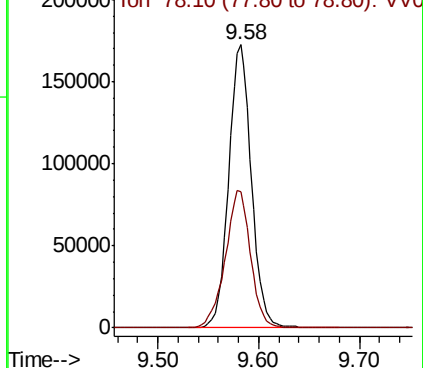
104 100

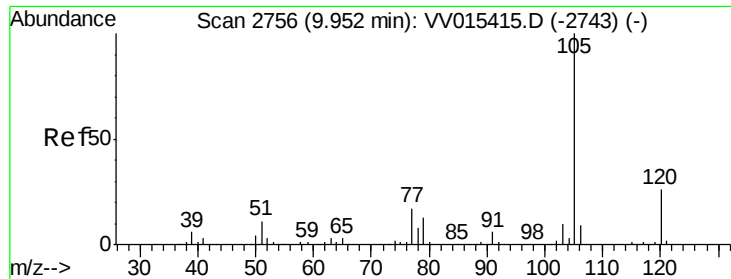
78 47.9 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 10.141 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Instrument :

MSVOA_V

ClientSampleId :

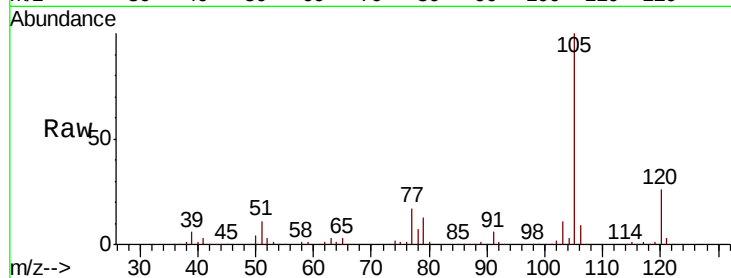
Tot Ion:105 Resp: 431510

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

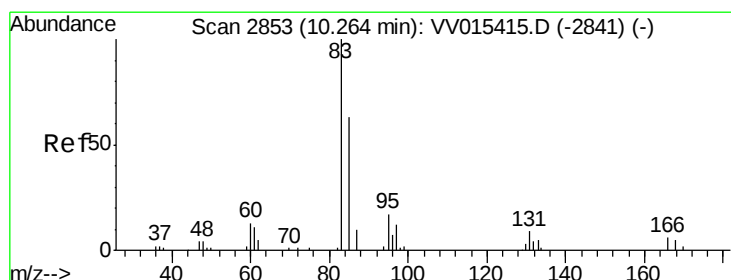
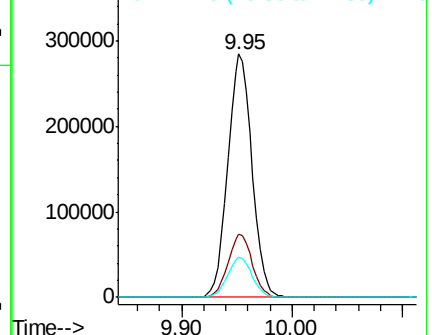
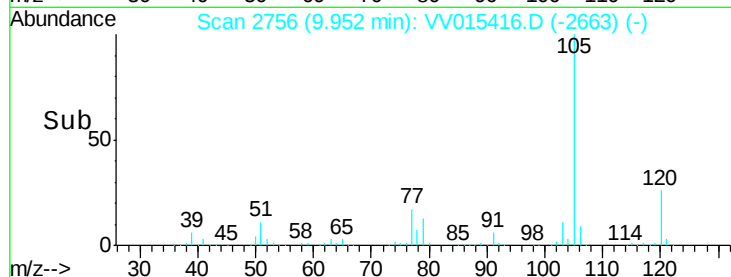
77 16.7 13.5 20.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 10.980 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

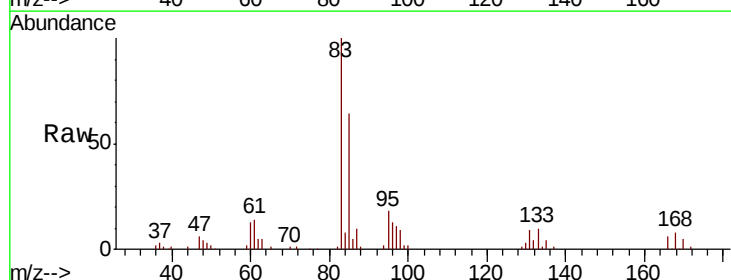
Tgt Ion: 83 Resp: 71147

Ion Ratio Lower Upper

83 100

85 63.8 44.5 82.7

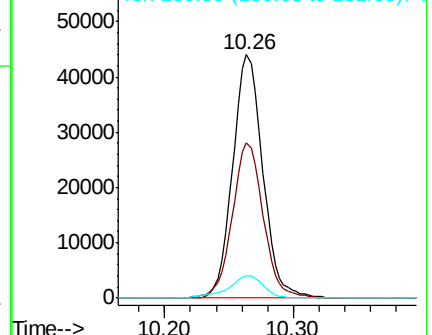
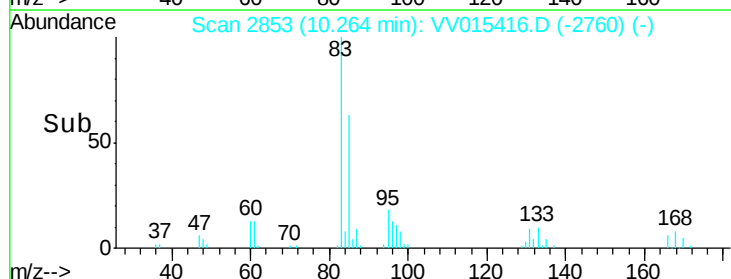
131 9.3 7.5 11.3

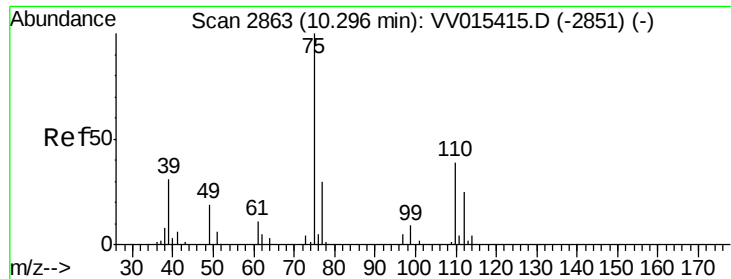


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 10.800 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Instrument :

MSVOA_V

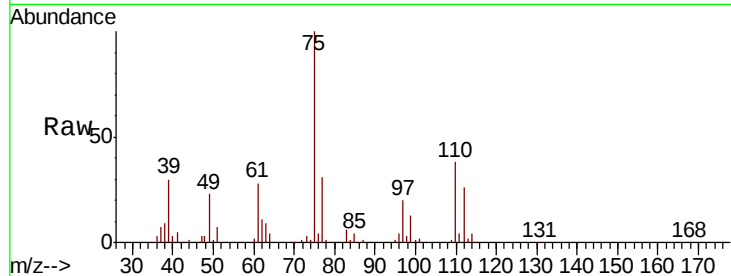
ClientSampleId :

Tot Ion: 75 Resp: 52871

Ion Ratio Lower Upper

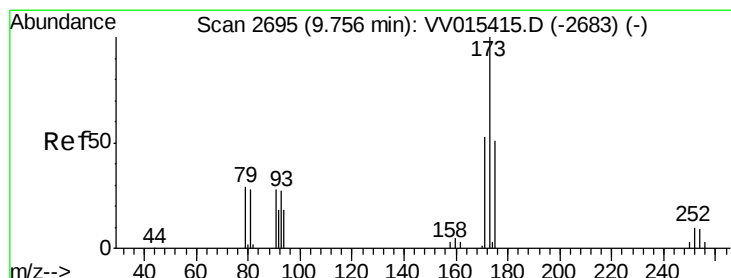
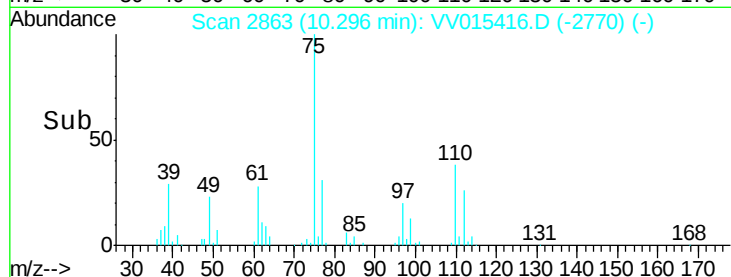
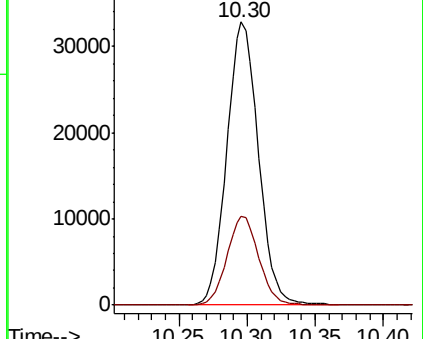
75 100

77 31.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV015415.D (-2851) (-)

Ion 77.00 (76.70 to 77.70): VV015415.D (-2851) (-)



#61

Bromoform

Concen: 11.313 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

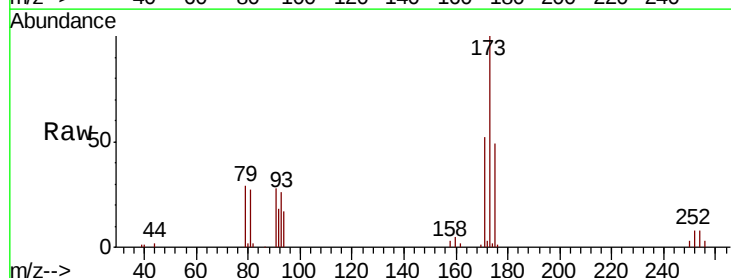
Tgt Ion:173 Resp: 34996

Ion Ratio Lower Upper

173 100

175 48.5 38.2 57.2

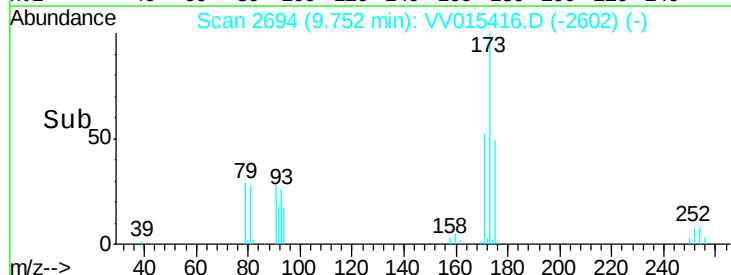
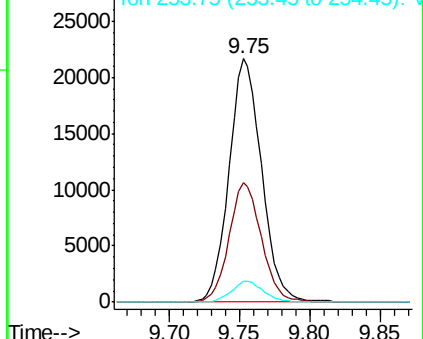
254 8.3 6.6 10.0

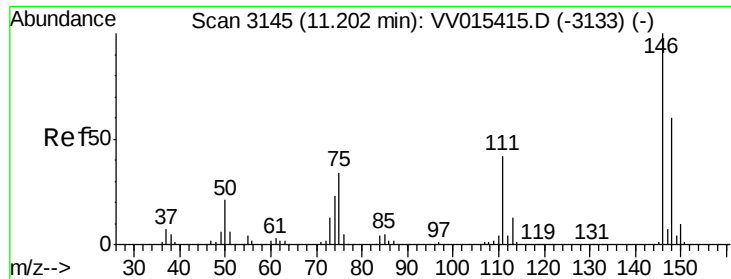


Abundance Ion 172.90 (172.60 to 173.60): VV015415.D (-2683) (-)

Ion 174.90 (174.60 to 175.60): VV015415.D (-2683) (-)

Ion 253.75 (253.45 to 254.45): VV015415.D (-2683) (-)





#62

1,3-Dichlorobenzene

Concen: 9.711 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Instrument :

MSVOA_V

ClientSampleId :

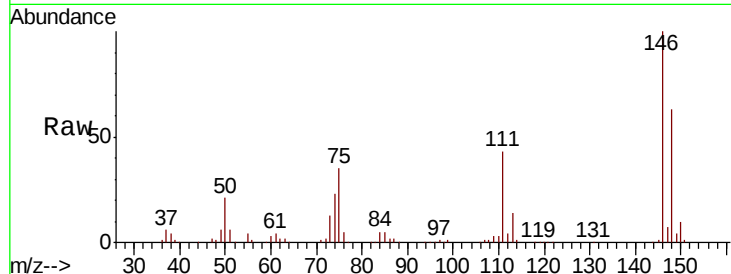
Tot Ion:146 Resp: 187517

Ion Ratio Lower Upper

146 100

111 43.0 29.3 54.5

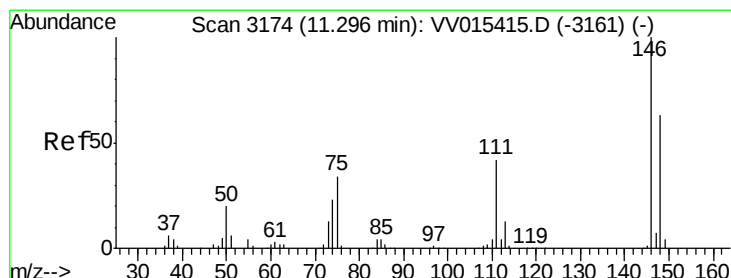
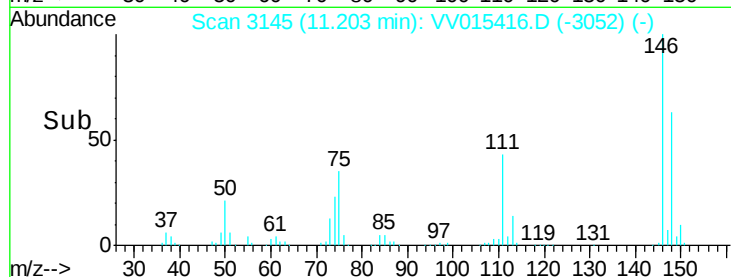
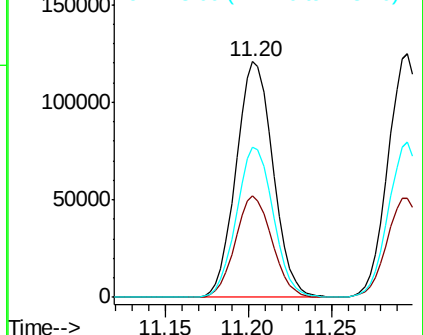
148 63.5 42.4 78.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 9.748 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

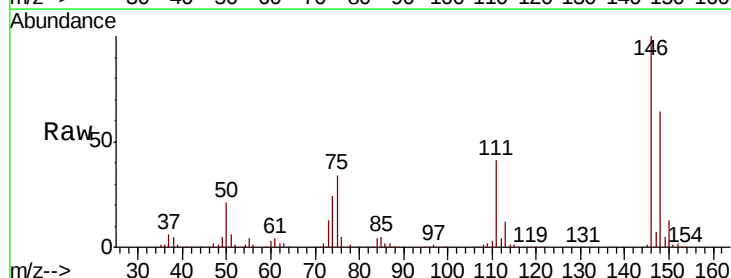
Tgt Ion:146 Resp: 188927

Ion Ratio Lower Upper

146 100

111 40.8 29.4 54.6

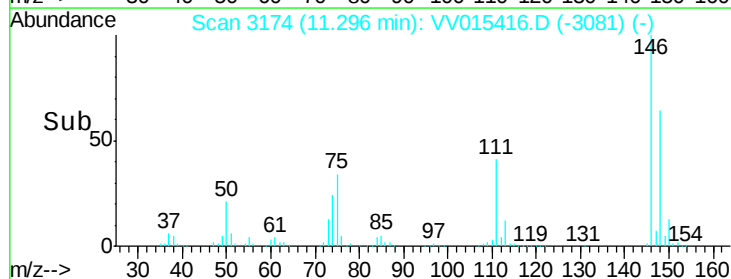
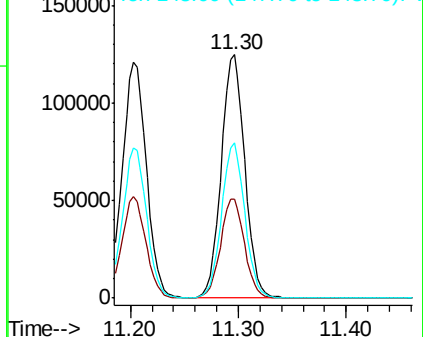
148 63.7 44.3 82.3

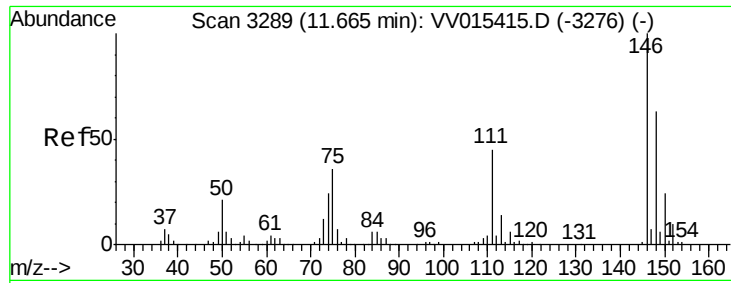


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 9.927 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Instrument :

MSVOA_V

ClientSampled :

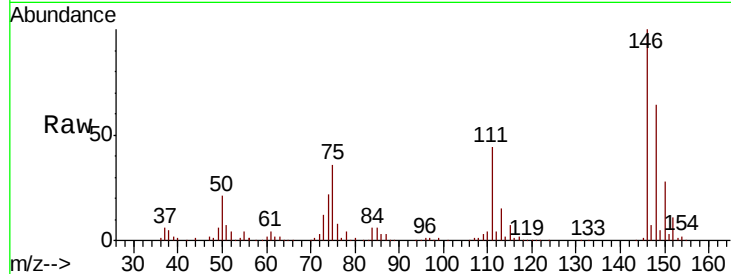
Tot Ion:146 Resp: 171130

Ion Ratio Lower Upper

146 100

111 43.9 35.8 53.6

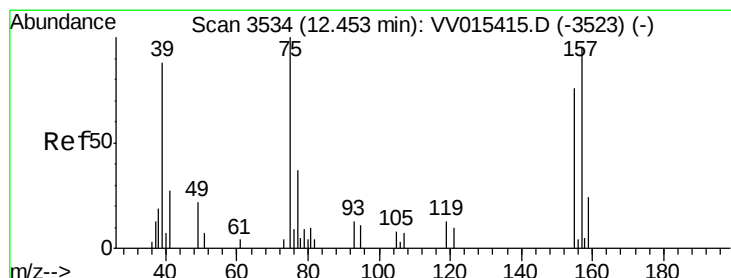
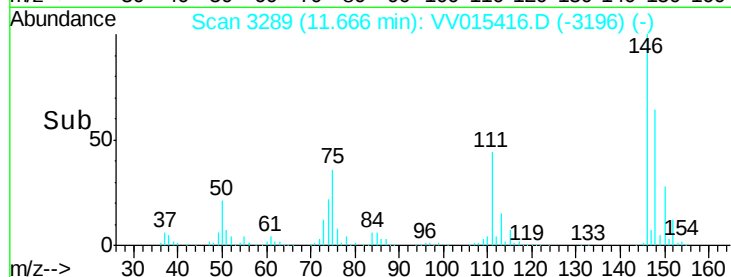
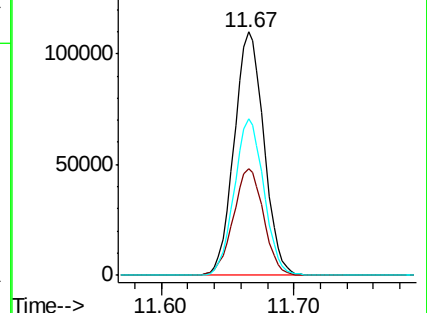
148 64.1 50.2 75.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 10.721 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

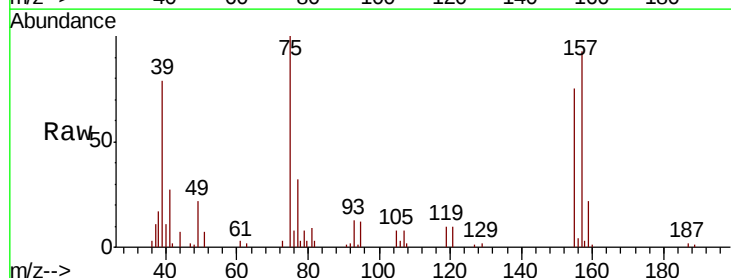
Tgt Ion: 75 Resp: 13374

Ion Ratio Lower Upper

75 100

155 74.7 60.8 91.2

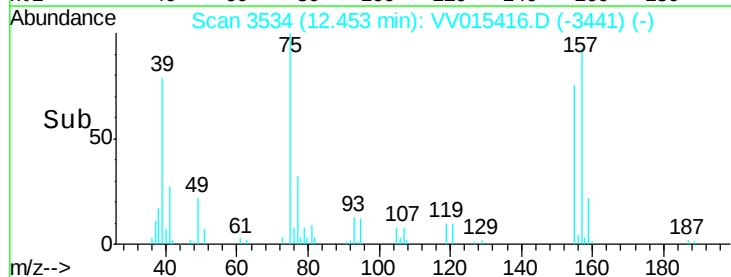
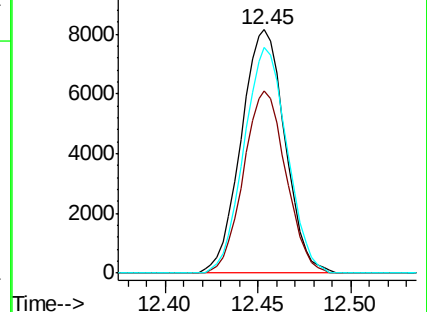
157 92.5 75.7 113.5

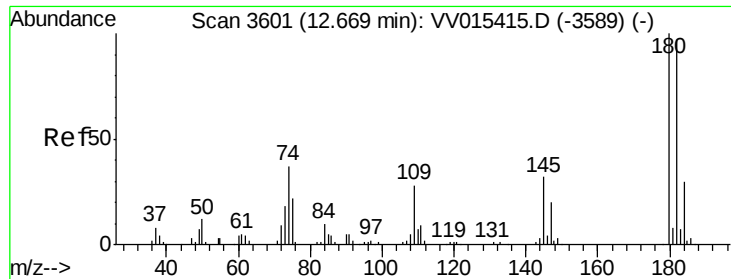


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

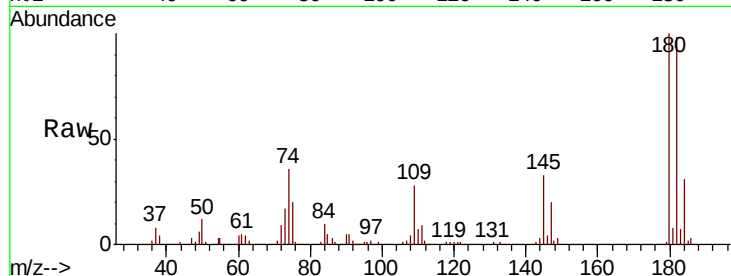




#67
 1,3,5-Trichlorobenzene
 Concen: 10.244 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.9	115.3
184	30.5	24.0	36.0
145	32.4	26.1	39.1

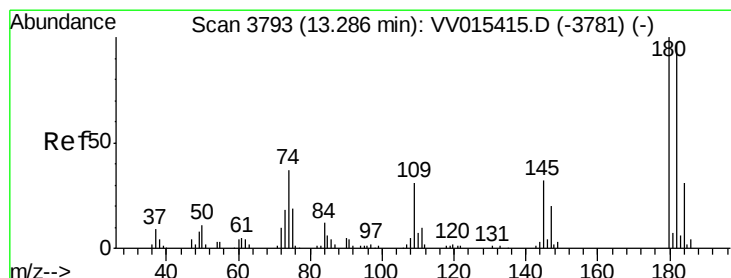
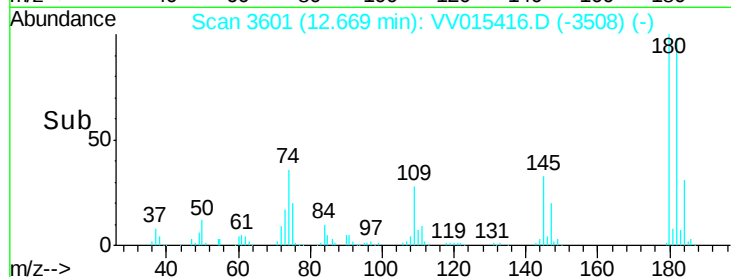
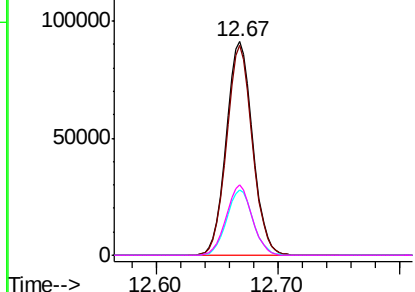


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

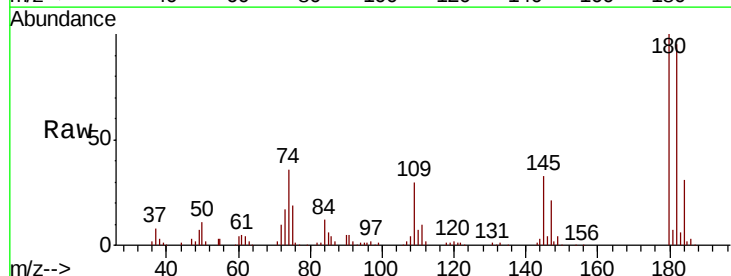
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 10.287 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015416.D
 Acq: 09 Apr 2020 13:13

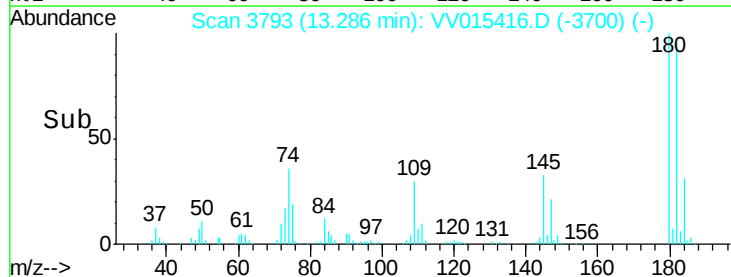
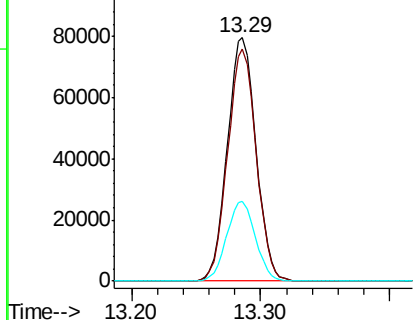
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	115.0
145	32.8	25.9	38.9

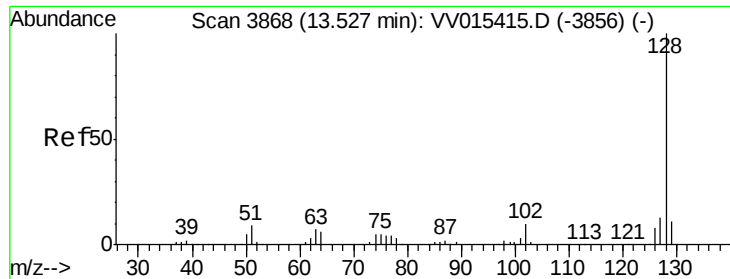


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 8.537 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

Instrument :

MSVOA_V

ClientSampleId :

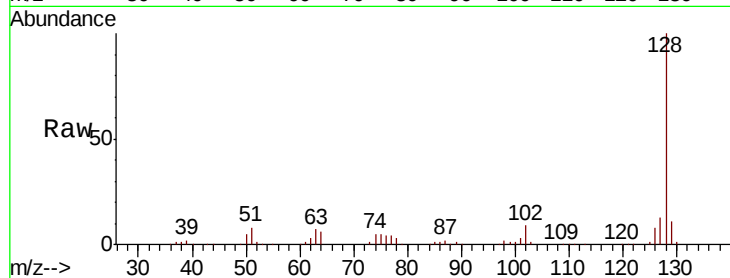
Tot Ion:128 Resp: 233638

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

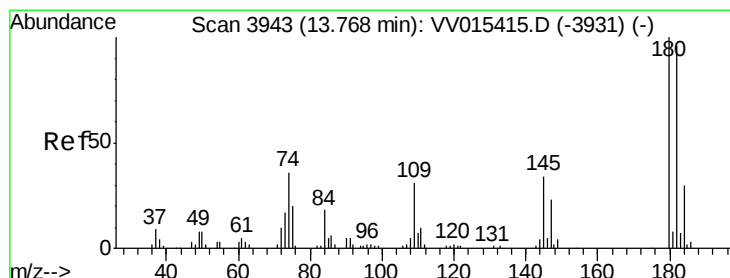
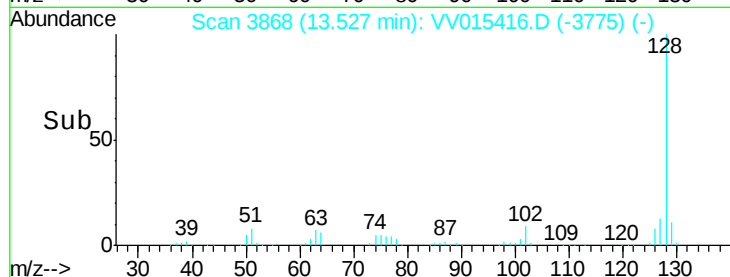
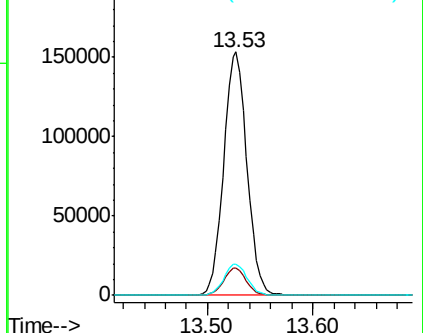
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 10.657 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015416.D

Acq: 09 Apr 2020 13:13

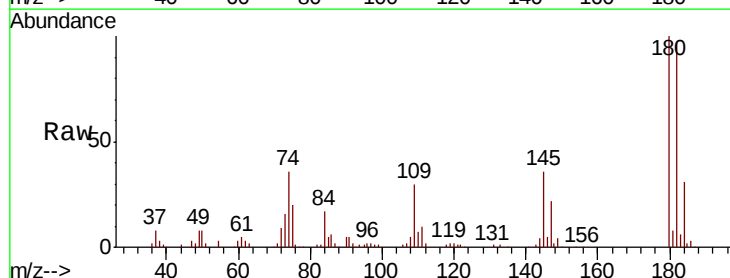
Tgt Ion:180 Resp: 109261

Ion Ratio Lower Upper

180 100

182 94.7 76.4 114.6

145 35.5 28.2 42.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

