

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015264.D
 Acq On : 30 Mar 2020 10:09
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 13:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 13:18:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	723284	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	729769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	347078	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	506539	96.05	ug/L	0.00
7) Chloroethane-d5	1.58	69	470042	95.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1102780	96.97	ug/L	0.00
21) 2-Butanone-d5	3.93	46	696262	201.76	ug/L	0.00
24) Chloroform-d	4.38	84	924793	97.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	599763	96.78	ug/L	0.00
32) Benzene-d6	5.08	84	1832777	96.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	565442	94.92	ug/L	0.00
41) Toluene-d8	7.34	98	1795445	97.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	316801	97.65	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	550397	196.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	844936	96.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	661928	95.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	488953	96.091 ug/L	98
3) Chloromethane	1.25	50	568276	98.342 ug/L	99
5) Vinyl chloride	1.32	62	605341	99.297 ug/L	97
6) Bromomethane	1.53	94	399301	97.912 ug/L	97
8) Chloroethane	1.60	64	396074	94.216 ug/L	98
9) Trichlorofluoromethane	1.77	101	1057024	102.576 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	524008	94.830 ug/L	98
12) 1,1-Dichloroethene	2.13	96	515284	96.327 ug/L	86
13) Acetone	2.22	43	443544	190.677 ug/L	96
14) Carbon disulfide	2.31	76	1264143	97.111 ug/L	100
15) Methyl Acetate	2.46	43	479783	101.528 ug/L	99
16) Methylene chloride	2.52	84	487689	97.446 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	441581	98.508 ug/L	98
18) Methyl tert-butyl Ether	2.79	73	1548763	101.473 ug/L	100
19) 1,1-Dichloroethane	3.21	63	840541	100.573 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	510174	101.244 ug/L	# 97
22) 2-Butanone	4.02	43	710681	200.814 ug/L	95
23) Bromochloromethane	4.28	128	254735	102.613 ug/L	95
25) Chloroform	4.41	83	888012	99.515 ug/L	98
27) 1,2-Dichloroethane	5.16	62	711583	100.261 ug/L	100
29) Cyclohexane	4.70	56	732232	94.669 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	814920	98.487 ug/L	99
31) Carbon tetrachloride	4.86	117	697675	99.531 ug/L	100
33) Benzene	5.13	78	1944423	100.648 ug/L	100
34) Trichloroethene	5.94	95	515149	99.399 ug/L	96
35) Methylcyclohexane	6.15	83	798549	98.236 ug/L	98
37) 1,2-Dichloropropane	6.20	63	498002	101.344 ug/L	100
38) Bromodichloromethane	6.53	83	711434	100.676 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	846924	102.052 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	1448500	198.250 ug/L	99

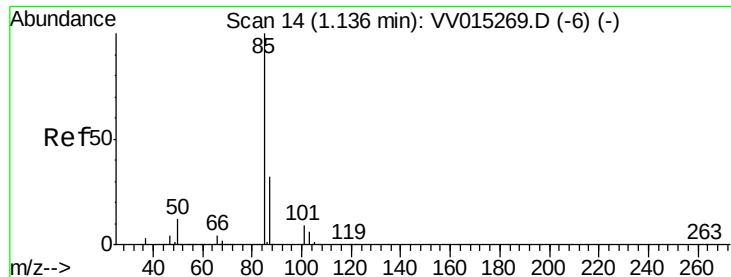
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015264.D
 Acq On : 30 Mar 2020 10:09
 Operator : SY/MD
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Quant Time: Mar 30 13:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 13:18:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2203113	101.584	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	841223	103.162	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	506257	102.265	ug/L	99
46) Tetrachloroethene	8.00	164	351990	102.639	ug/L	96
48) 2-Hexanone	8.16	43	1139973	203.382	ug/L	99
49) Dibromochloromethane	8.27	129	571580	105.645	ug/L	99
50) 1,2-Dibromoethane	8.37	107	550165	102.284	ug/L	99
51) Chlorobenzene	8.90	112	1433116	101.534	ug/L	98
52) Ethylbenzene	9.04	91	2509418	102.607	ug/L	100
53) m,p-Xylene	9.16	106	973187	104.327	ug/L	100
54) o-xylene	9.57	106	960024	103.453	ug/L	99
55) Styrene	9.58	104	1653927	104.445	ug/L	98
56) Isopropylbenzene	9.95	105	2509374	102.727	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	824994	100.416	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	669086	98.411	ug/L	97
61) Bromoform	9.75	173	379015	109.498	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	1075776	101.630	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1088927	100.786	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	1087240	101.785	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	231911	98.677	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	711054	105.249	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	673042	104.848	ug/L	99
69) Naphthalene	13.53	128	2631582	102.842	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	676458	105.001	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 96.091 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :

MSVOA_V

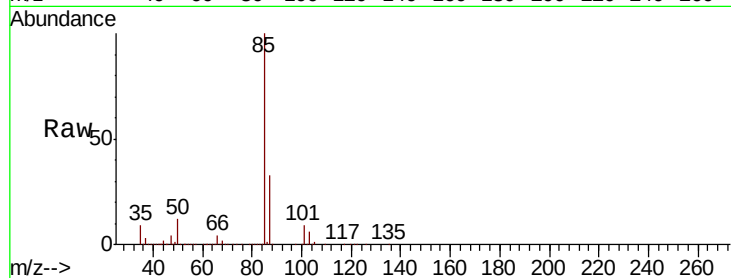
ClientSampled :

Tot Ion: 85 Resp: 488953

Ion Ratio Lower Upper

85 100

87 32.3 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

500000

400000

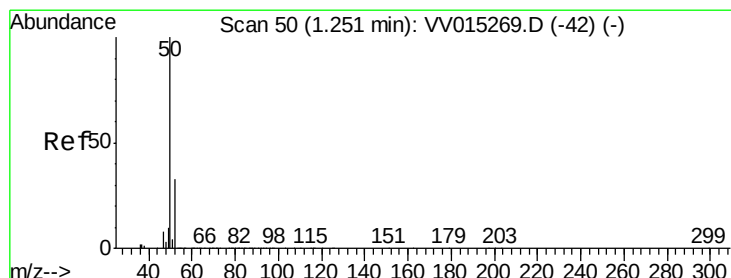
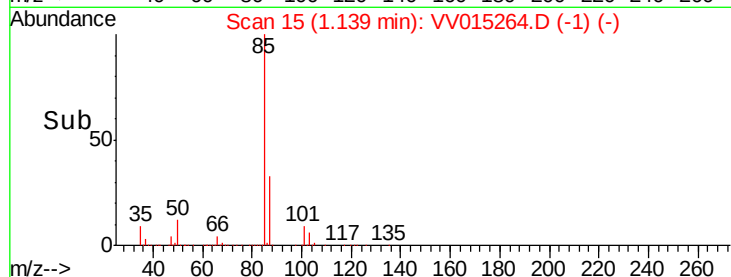
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 98.342 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV015264.D

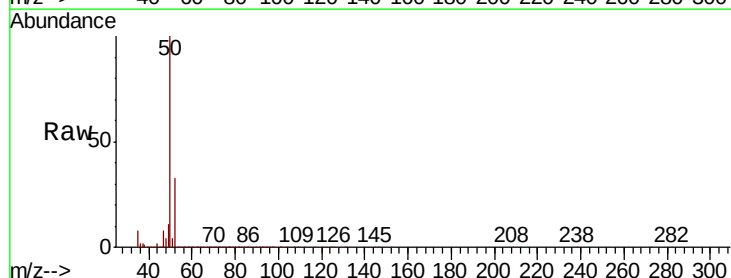
Acq: 30 Mar 2020 10:09

Tgt Ion: 50 Resp: 568276

Ion Ratio Lower Upper

50 100

52 32.8 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

1.25

600000

500000

400000

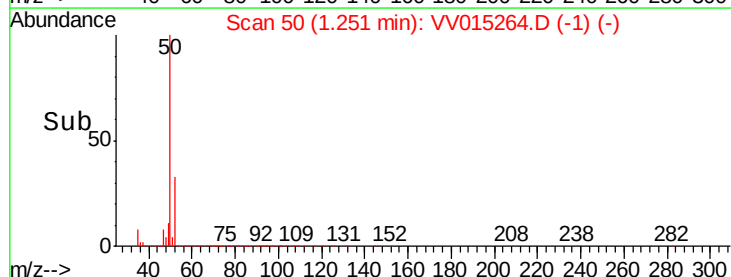
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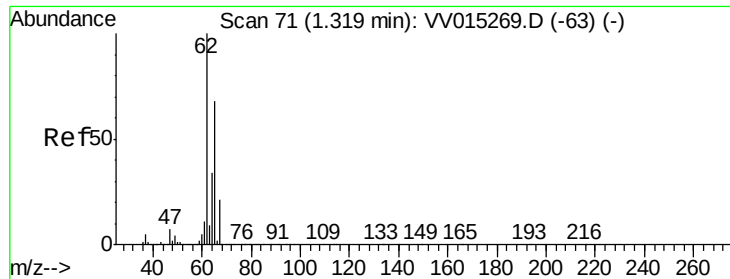
200000

100000

0

Time-->





#5

Vinyl chloride

Concen: 99.297 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :

MSVOA_V

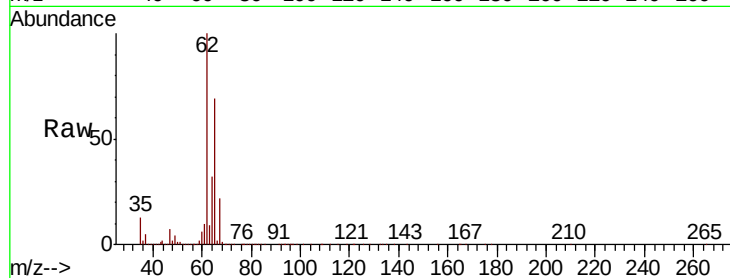
ClientSampleId :

Tot Ion: 62 Resp: 605341

Ion Ratio Lower Upper

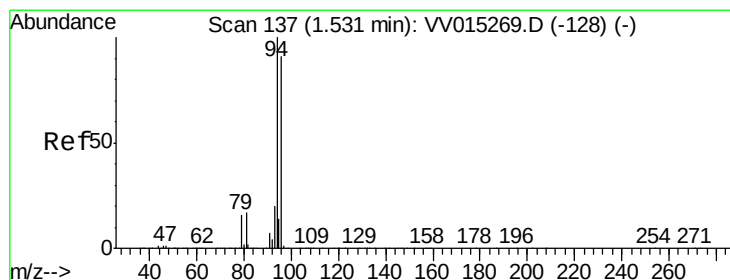
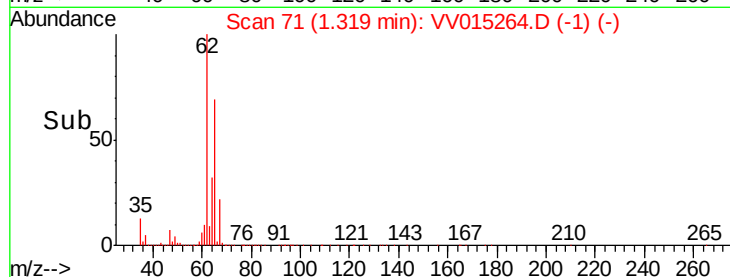
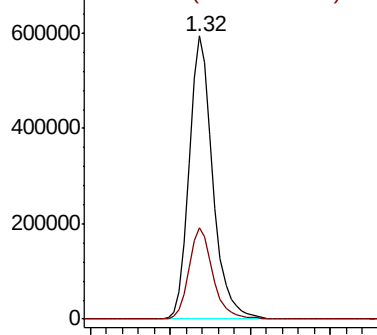
62 100

64 32.4 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 97.912 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV015264.D

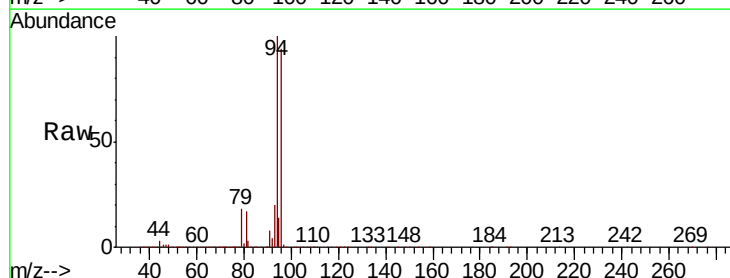
Acq: 30 Mar 2020 10:09

Tgt Ion: 94 Resp: 399301

Ion Ratio Lower Upper

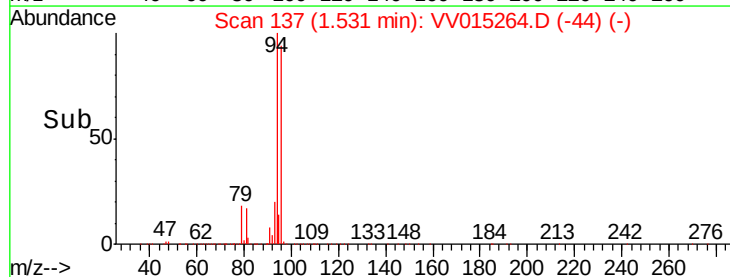
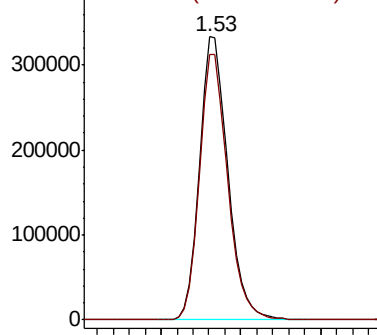
94 100

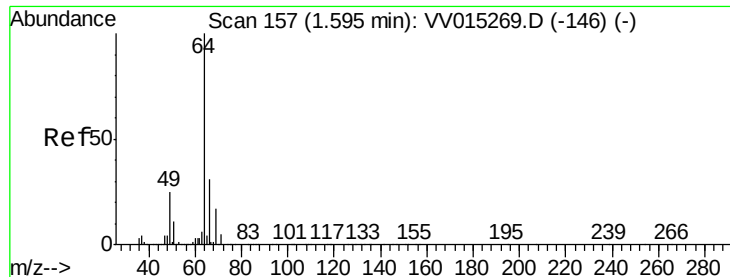
96 93.8 63.7 118.3



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 94.216 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :

MSVOA_V

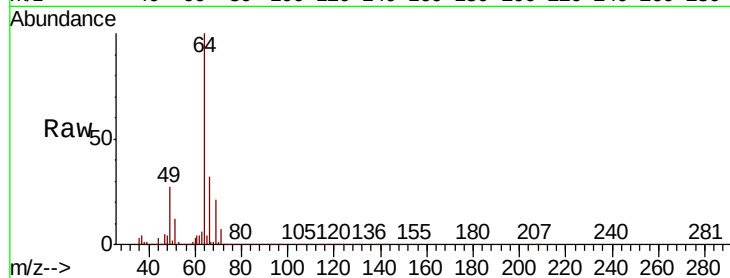
ClientSampleId :

Tot Ion: 64 Resp: 396074

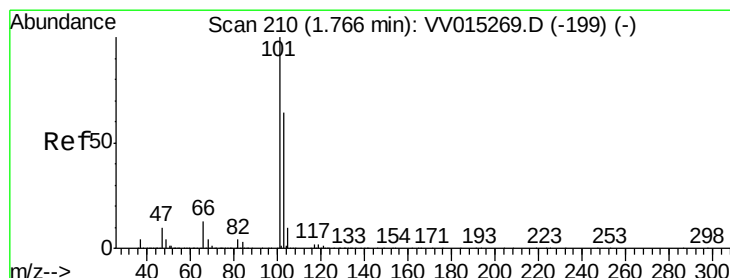
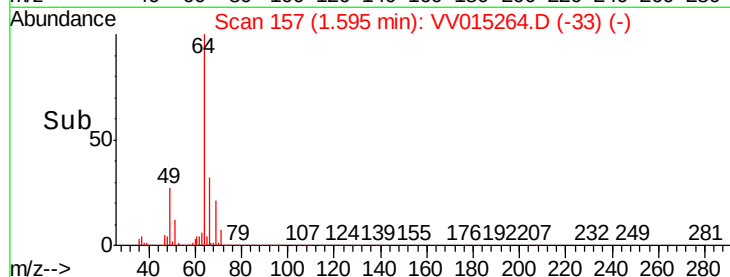
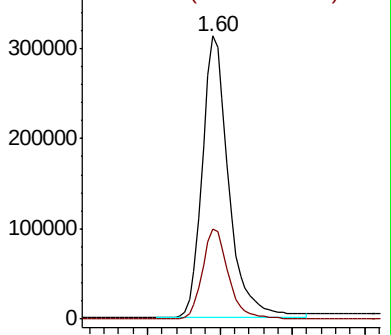
Ion Ratio Lower Upper

64 100

66 31.8 21.5 39.9



Abundance Ion 64.00 (63.70 to 64.70): VV015269.D (-146) (-)



#9

Trichlorofluoromethane

Concen: 102.576 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV015264.D

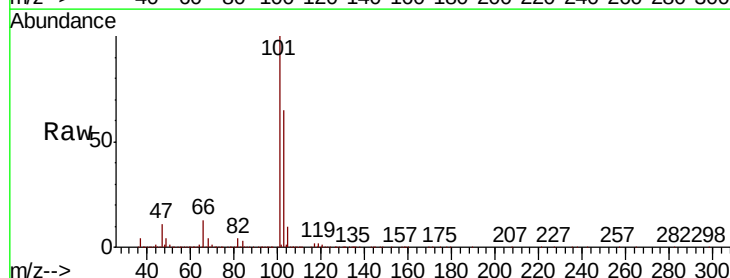
Acq: 30 Mar 2020 10:09

Tgt Ion: 101 Resp: 1057024

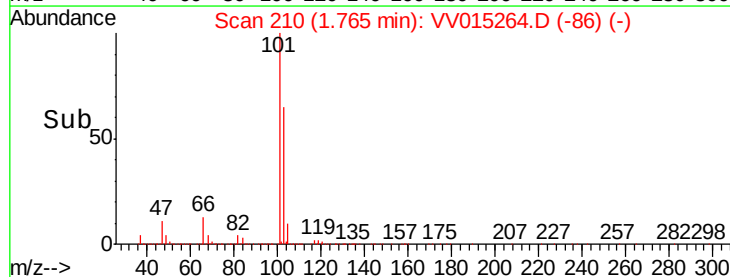
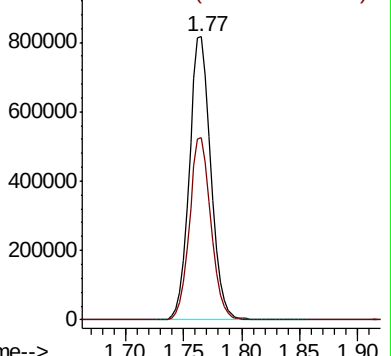
Ion Ratio Lower Upper

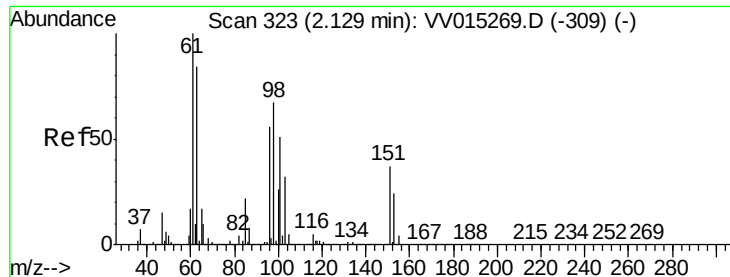
101 100

103 64.2 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VV015269.D (-199) (-)





#10

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

Concen: 94.830 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

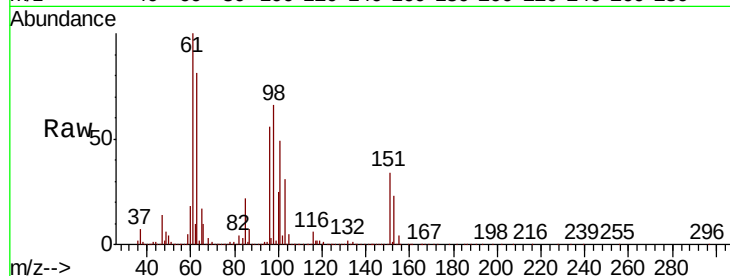
Tot Ion:101 Resp: 524008

Ion Ratio Lower Upper

101 100

85 45.1 35.0 52.6

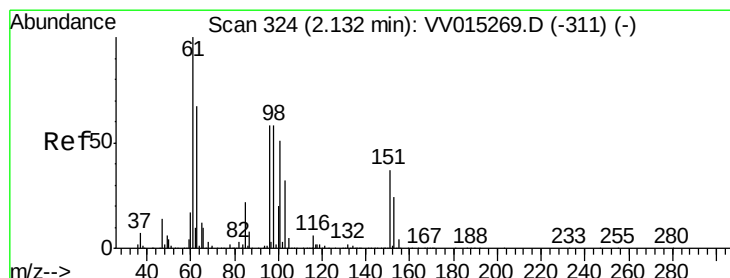
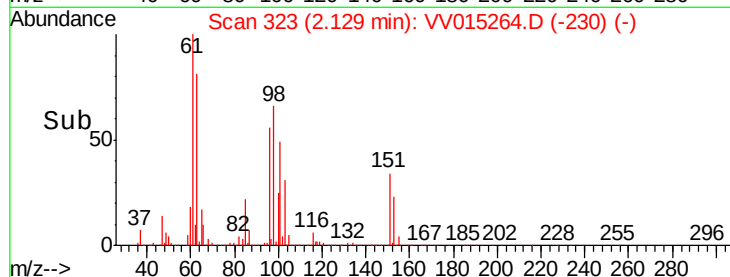
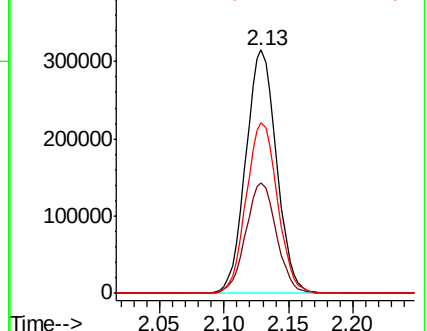
151 71.4 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 96.327 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

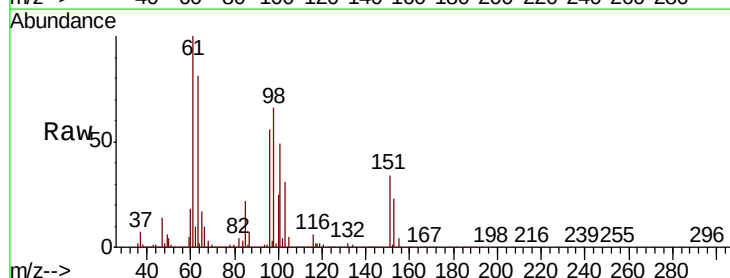
Tgt Ion: 96 Resp: 515284

Ion Ratio Lower Upper

96 100

61 180.0 120.9 224.5

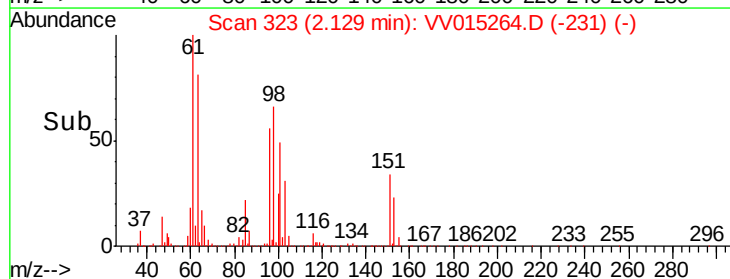
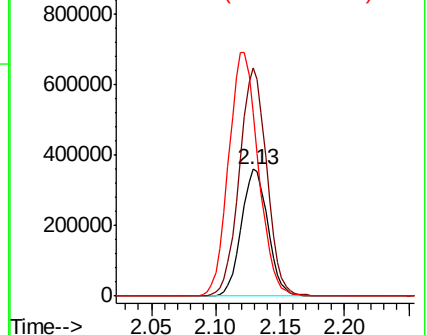
63 145.4 81.2 150.8

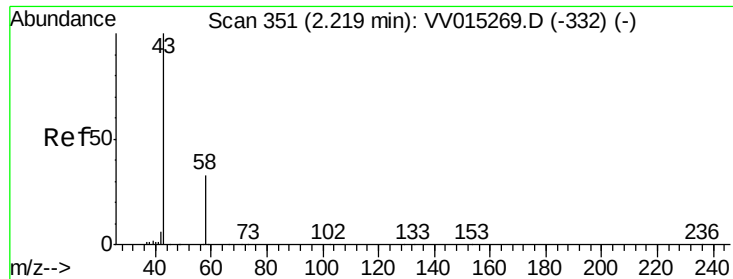


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

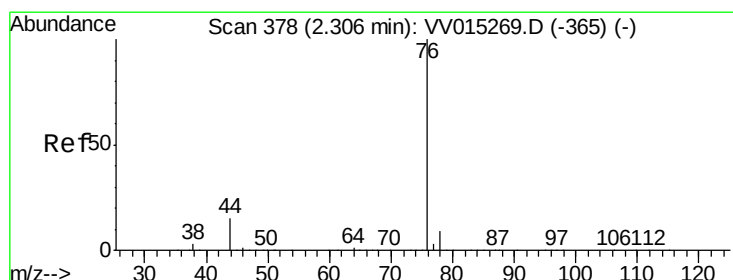
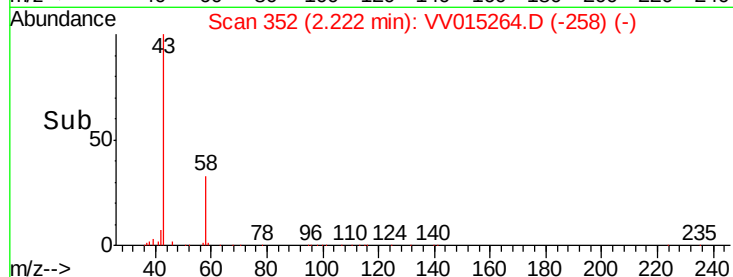
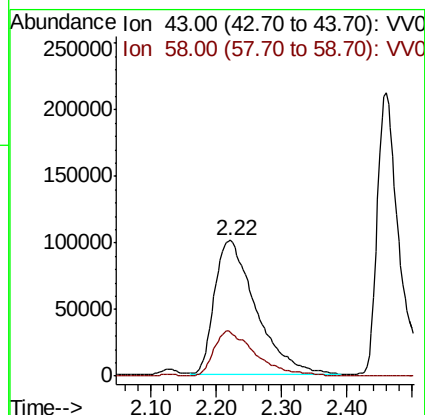
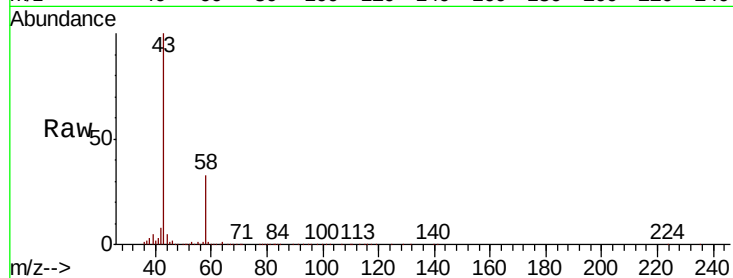




#13
Acetone
Concen: 190.677 ug/L
RT: 2.22 min Scan# 352
Delta R.T. 0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

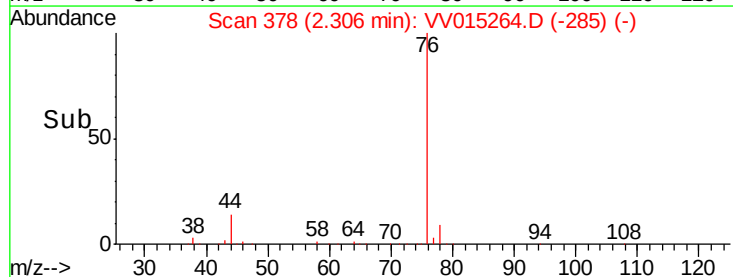
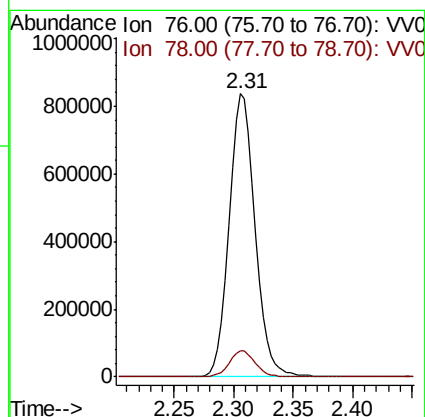
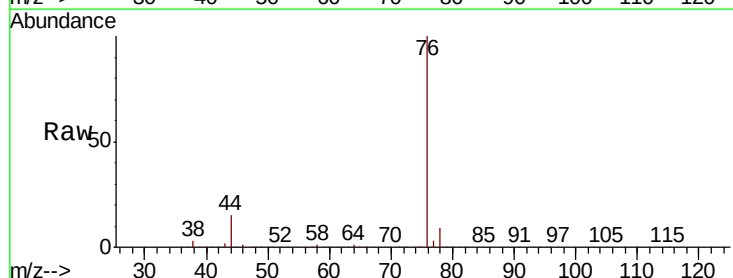
Instrument :
MSVOA_V
ClientSampleId :

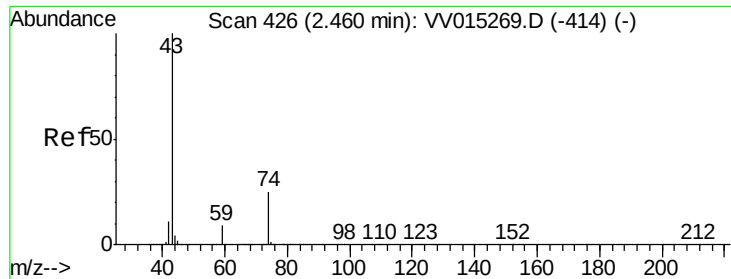
Tot Ion: 43 Resp: 443544
Ion Ratio Lower Upper
43 100
58 34.0 0.0 63.6



#14
Carbon disulfide
Concen: 97.111 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

Tgt Ion: 76 Resp: 1264143
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

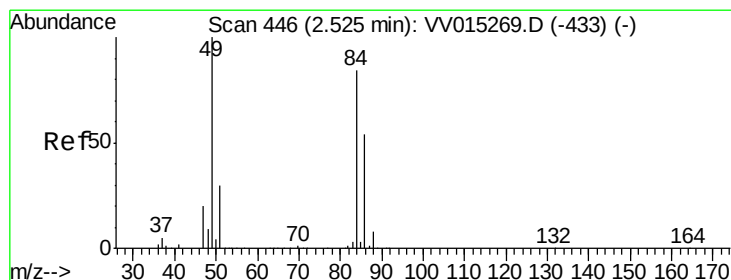
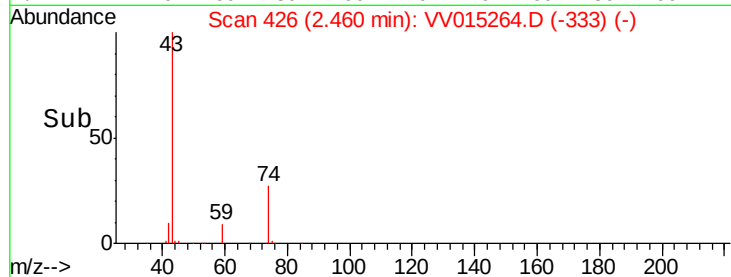
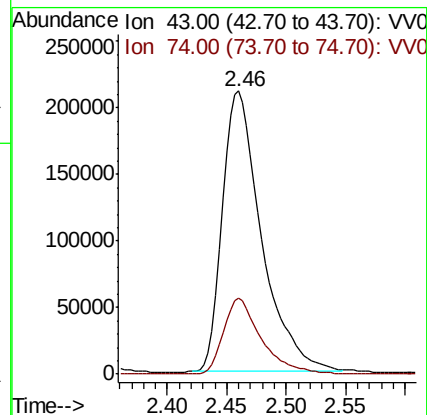
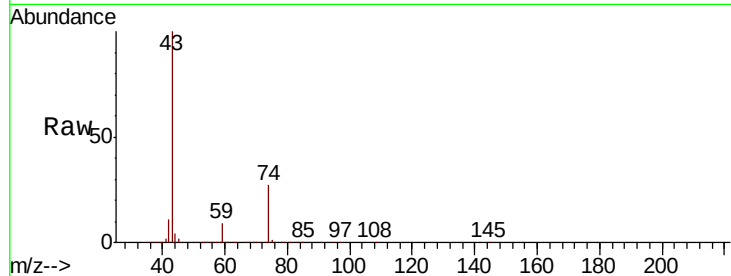




#15
Methvl Acetate
Concen: 101.528 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

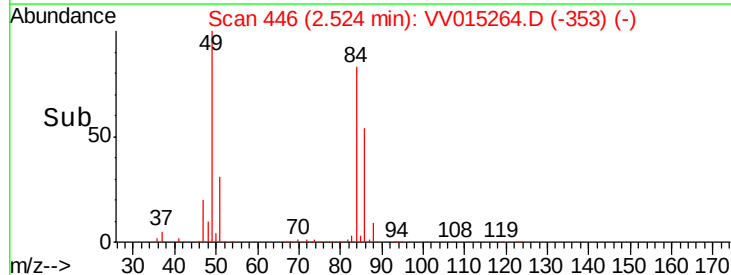
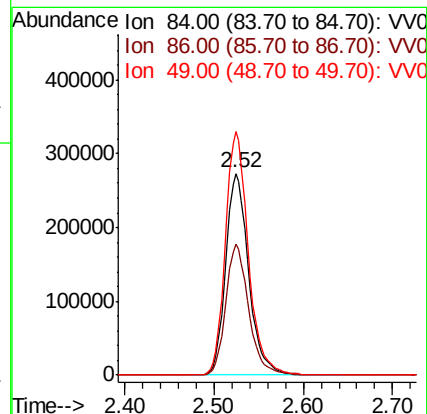
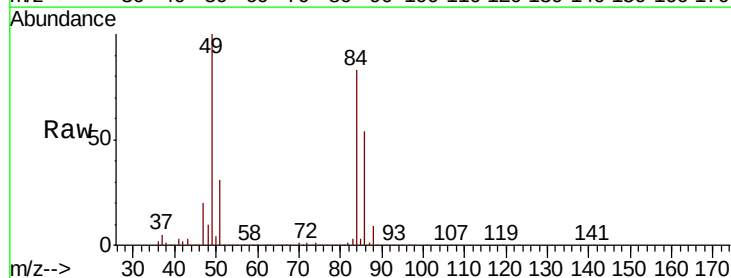
Instrument :
MSVOA_V
ClientSampleId :

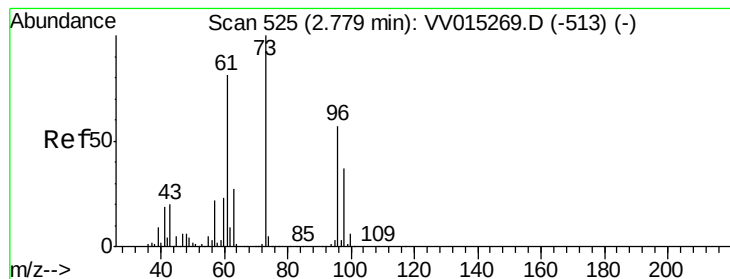
Tot Ion: 43 Resp: 479783
Ion Ratio Lower Upper
43 100
74 26.1 20.3 30.5



#16
Methylene chloride
Concen: 97.446 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

Tgt Ion: 84 Resp: 487689
Ion Ratio Lower Upper
84 100
86 64.8 45.5 84.5
49 120.9 83.7 155.4





#17

trans-1,2-Dichloroethene

Concen: 98.508 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :
MSVOA_V
ClientSampleId :

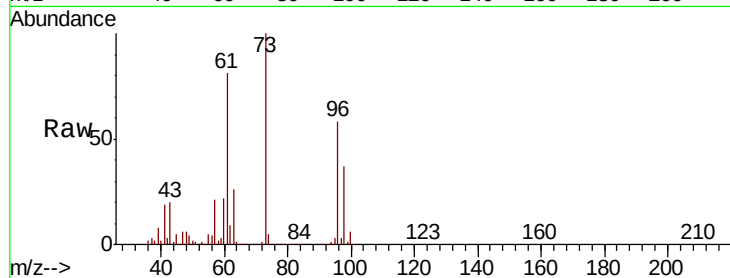
Tot Ion: 96 Resp: 441581

Ion Ratio Lower Upper

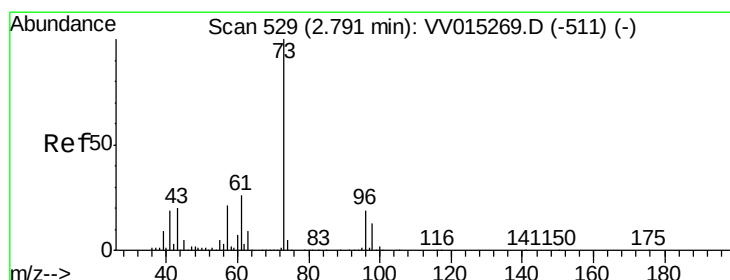
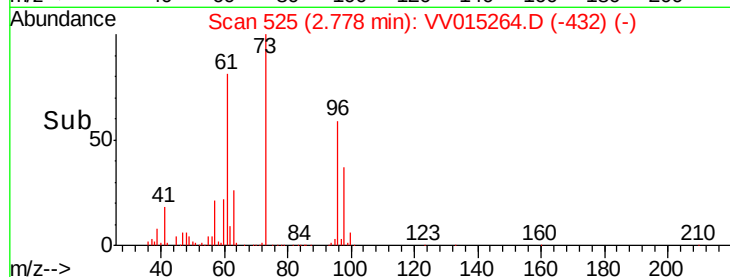
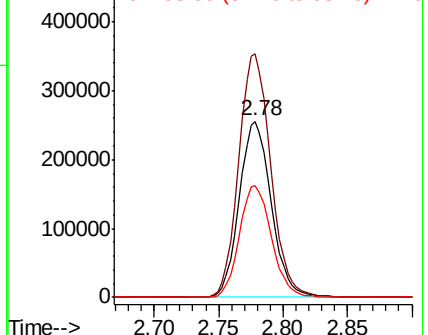
96 100

61 138.1 98.5 182.9

98 63.6 45.5 84.5



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 101.473 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

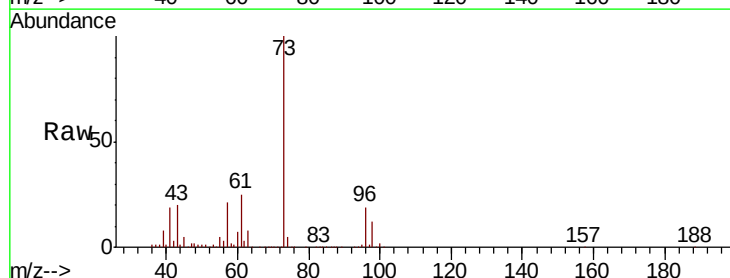
Tgt Ion: 73 Resp: 1548763

Ion Ratio Lower Upper

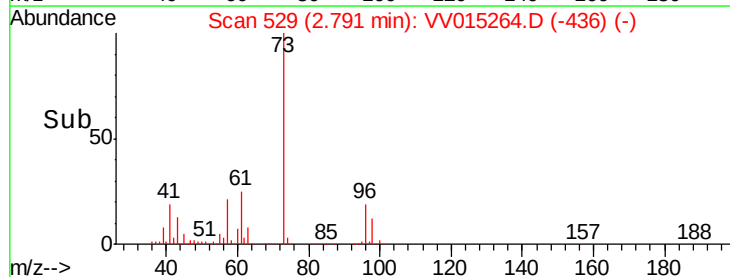
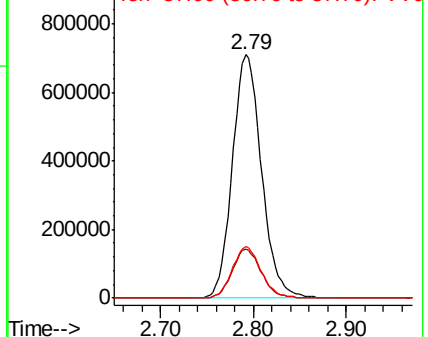
73 100

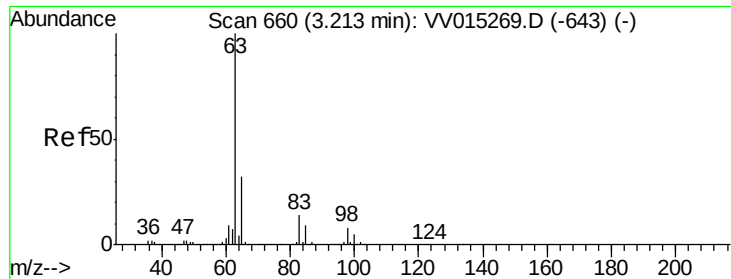
43 19.9 15.7 23.5

57 20.9 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

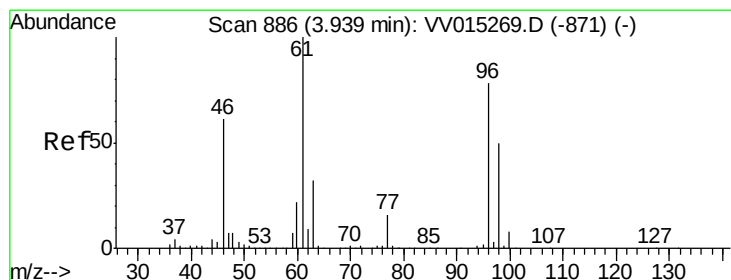
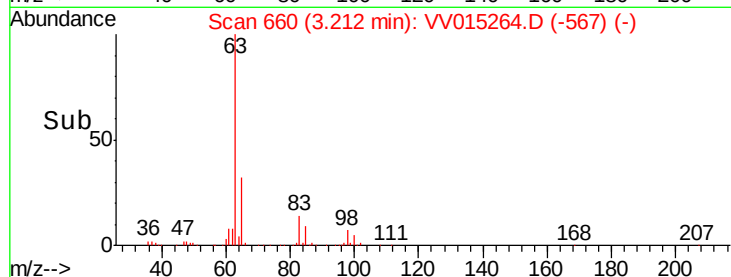
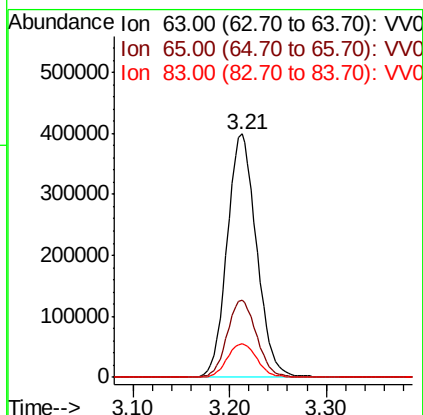
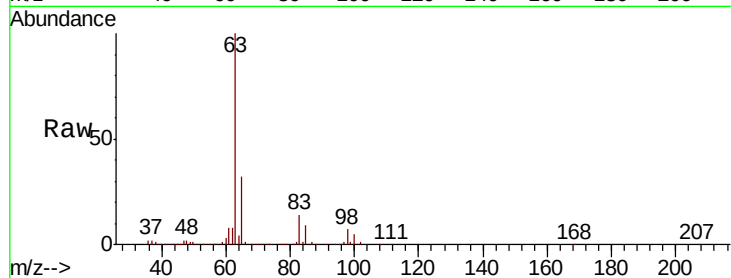




#19
 1,1-Dichloroethane
 Concen: 100.573 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

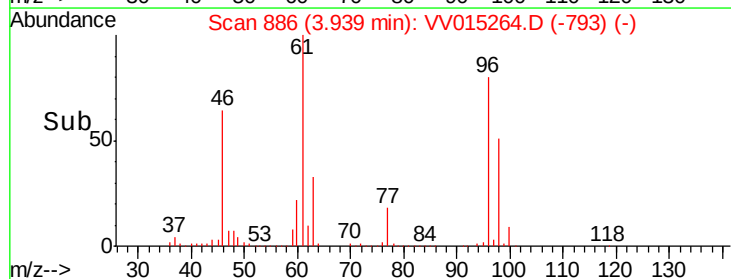
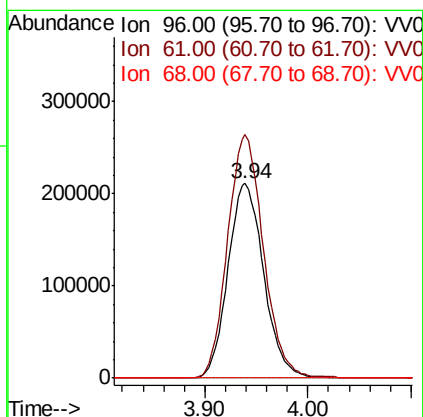
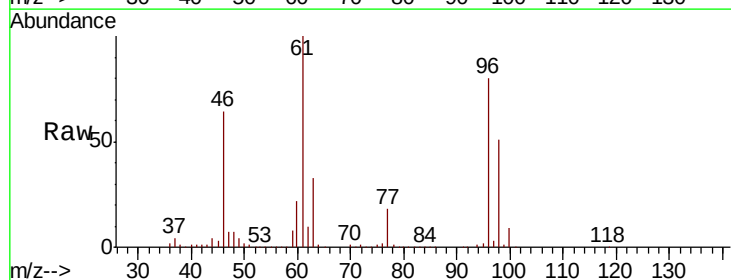
Instrument :
 MSVOA_V
 ClientSampled :

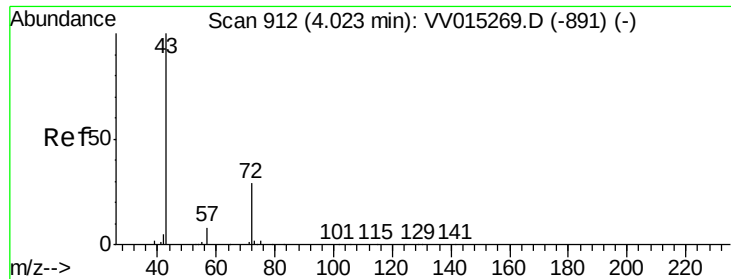
Tot Ion: 63 Resp: 840541
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.2 41.2
 83 13.8 9.7 18.1



#20
 cis-1,2-Dichloroethene
 Concen: 101.244 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Tgt Ion: 96 Resp: 510174
 Ion Ratio Lower Upper
 96 100
 61 125.0 90.2 167.6
 68 0.0 0.1 0.1#





#22

2-Butanone

Concen: 200.814 ug/L

RT: 4.02 min Scan# 910

Delta R.T. -0.01 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

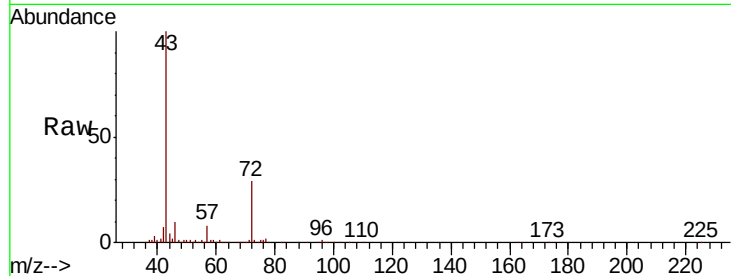
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 710681

Ion Ratio Lower Upper

43 100

72 27.0 12.4 37.0



Abundance Ion 43.00 (42.70 to 43.70): VV015269.D (-891) (-)

Ion 72.00 (71.70 to 72.70): VV015269.D (-891) (-)

4.02

200000

150000

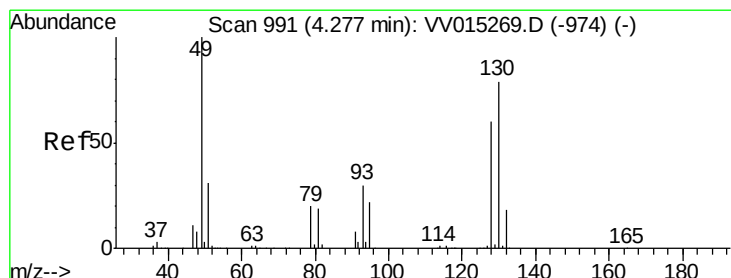
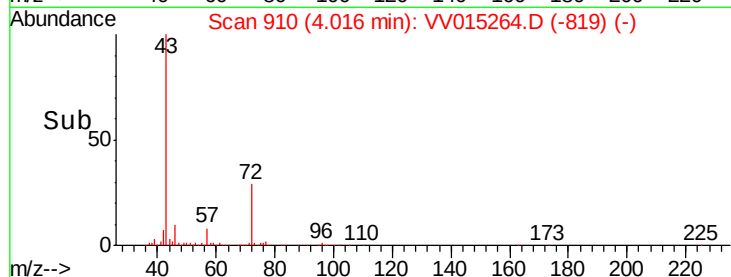
100000

50000

0

Time-->

3.90 4.00 4.10 4.20 4.30



#23

Bromochloromethane

Concen: 102.613 ug/L

RT: 4.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Tgt Ion:128 Resp: 254735

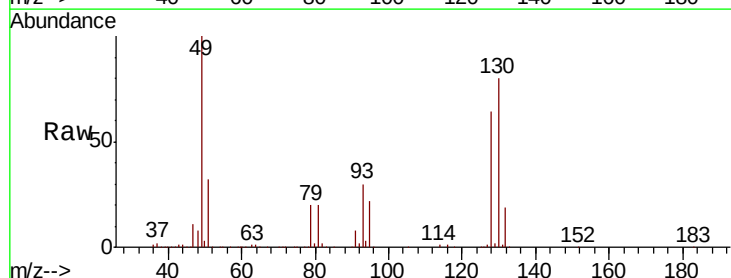
Ion Ratio Lower Upper

128 100

49 156.4 116.3 216.1

130 125.1 91.1 169.3

51 50.6 41.2 61.8



Abundance Ion 128.00 (127.70 to 128.70): VV015269.D (-974) (-)

Ion 49.00 (48.70 to 49.70): VV015269.D (-974) (-)

Ion 130.00 (129.70 to 130.70): VV015269.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VV015269.D (-974) (-)

250000

200000

150000

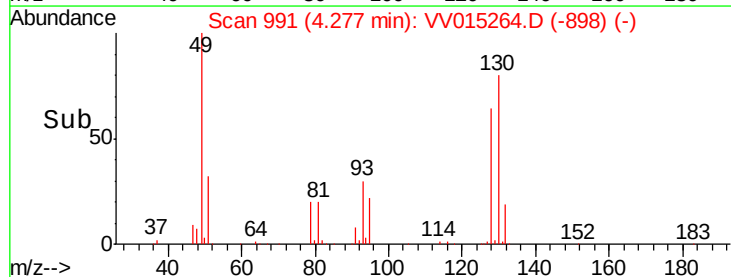
100000

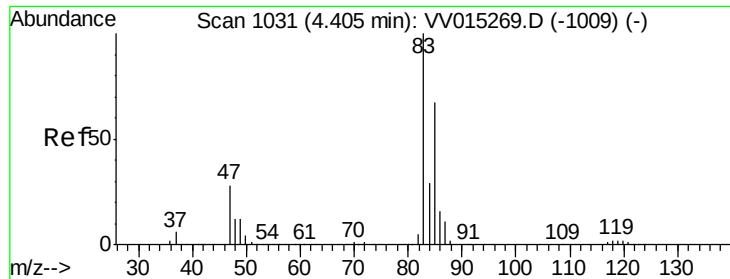
50000

0

Time-->

4.20 4.30 4.40

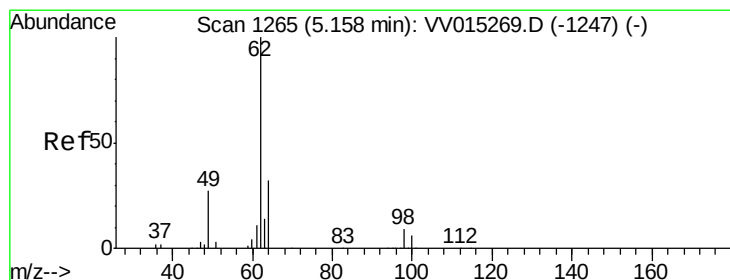
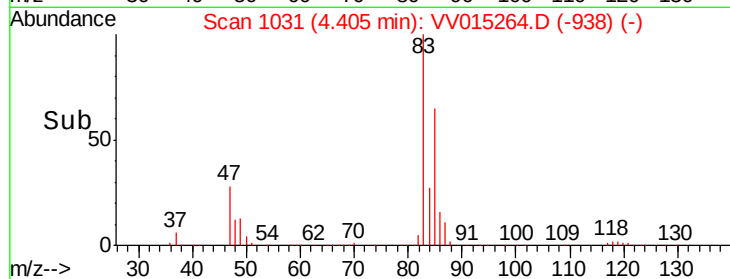
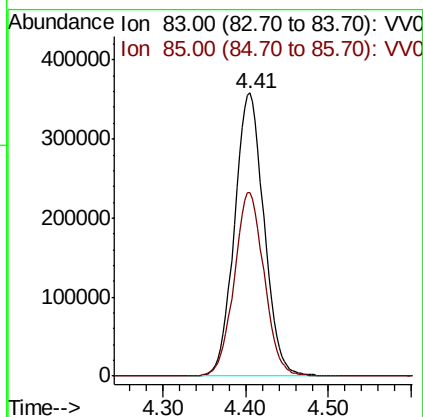
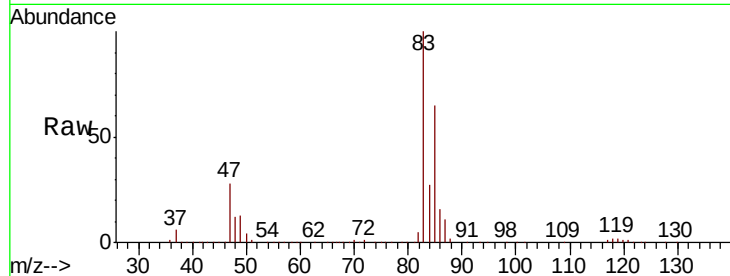




#25
Chloroform
Concen: 99.515 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

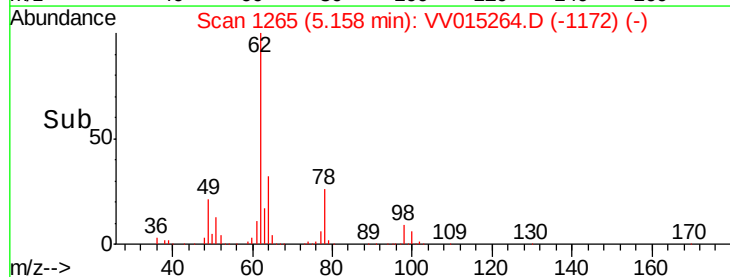
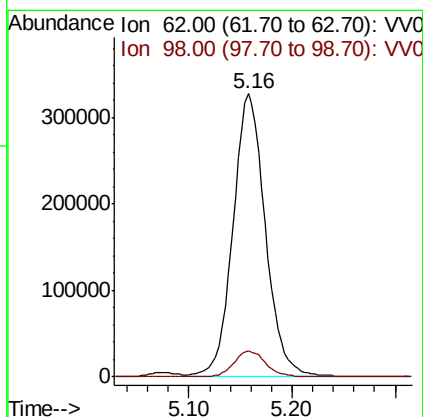
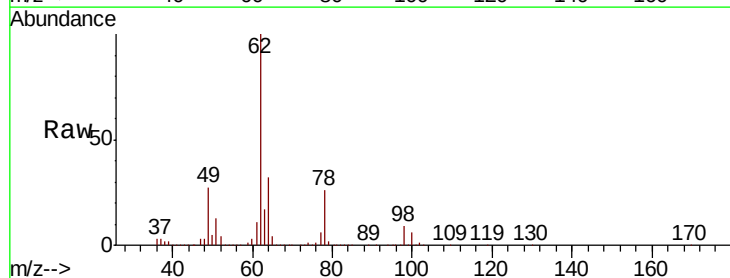
Instrument :
MSVOA_V
ClientSampled :

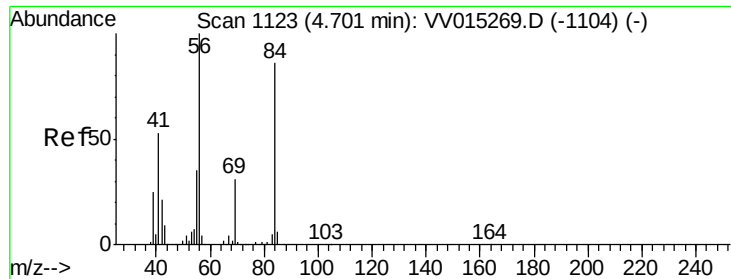
Tot Ion: 83 Resp: 888012
Ion Ratio Lower Upper
83 100
85 65.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 100.261 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

Tgt Ion: 62 Resp: 711583
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0

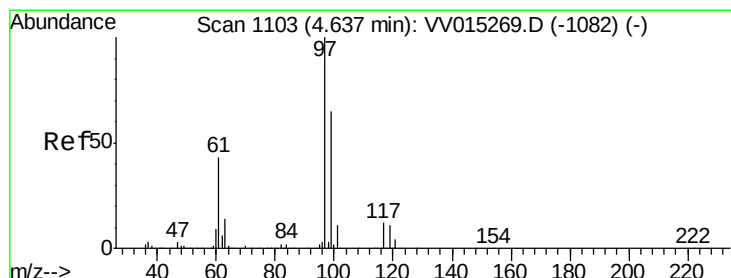
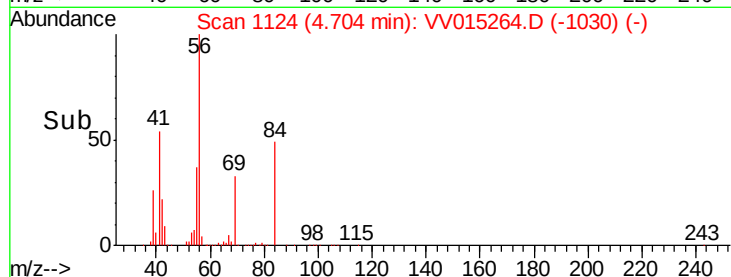
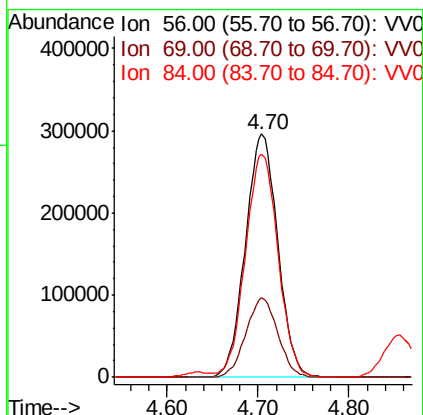
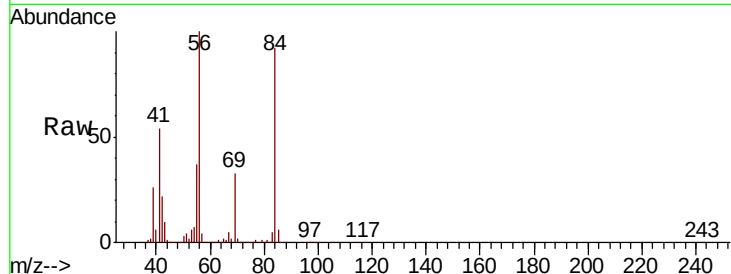




#29
Cyclohexane
Concen: 94.669 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

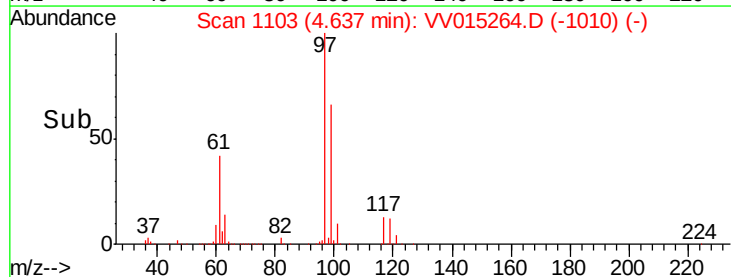
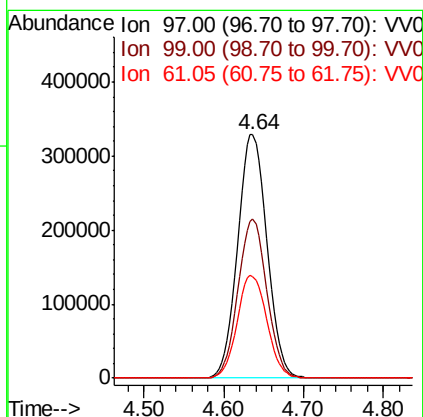
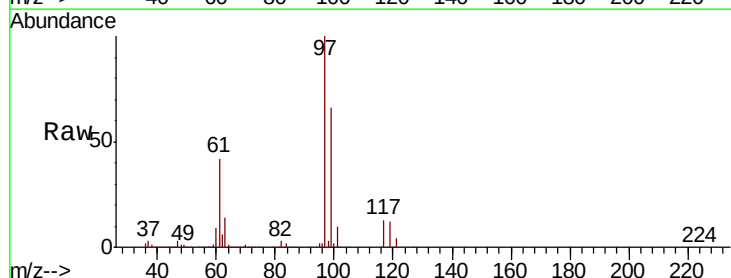
Instrument :
MSVOA_V
ClientSampleId :

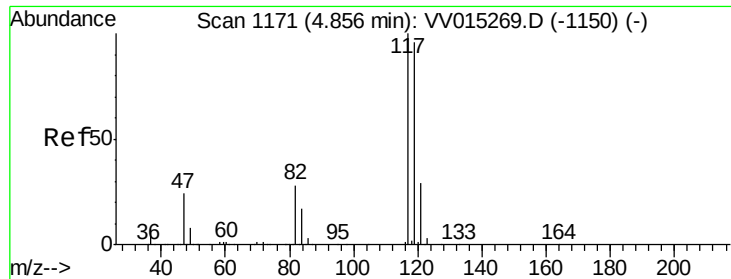
Tot Ion: 56 Resp: 732232
Ion Ratio Lower Upper
56 100
69 32.0 25.3 37.9
84 92.0 72.7 109.1



#30
1,1,1-Trichloroethane
Concen: 98.487 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

Tgt Ion: 97 Resp: 814920
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 42.4 34.3 51.5

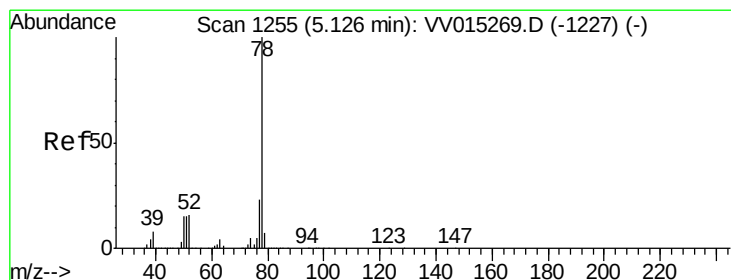
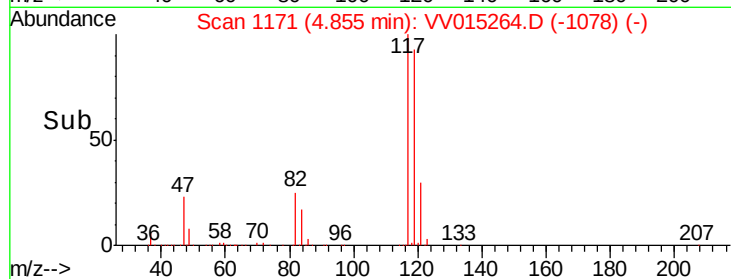
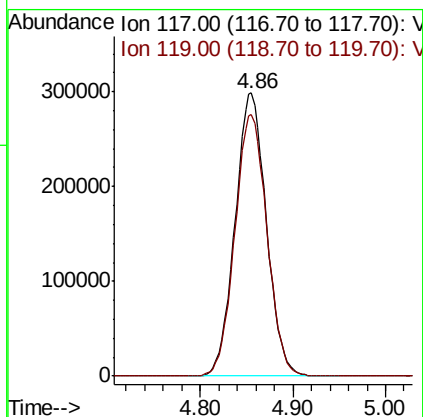
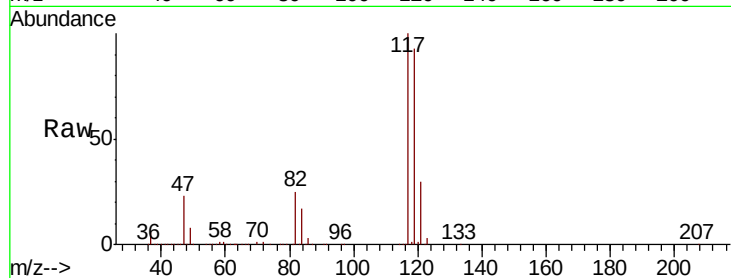




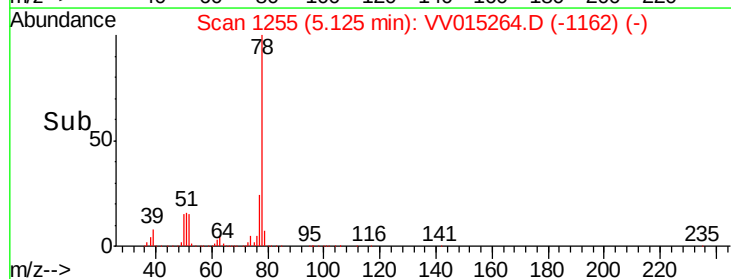
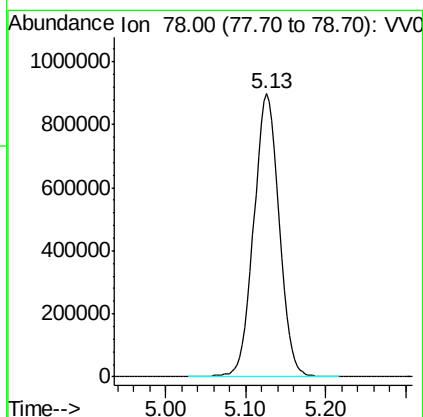
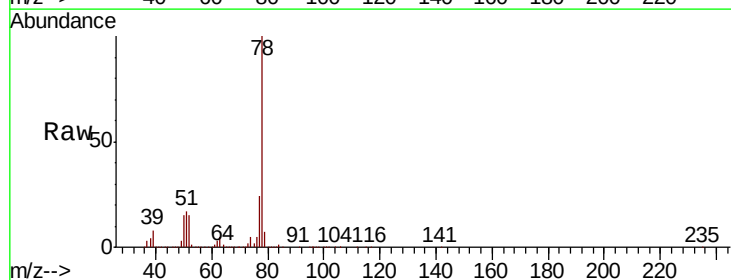
#31
Carbon tetrachloride
Concen: 99.531 ug/L
RT: 4.86 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

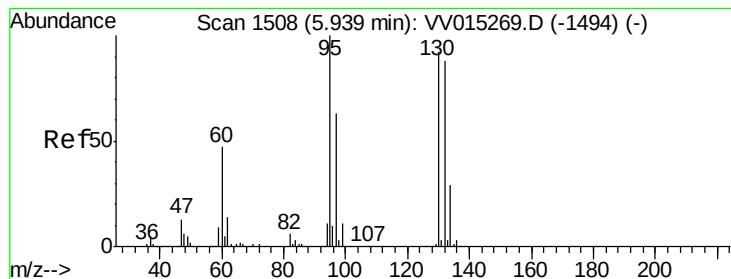
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 697675
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 100.648 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09
Tgt Ion: 78 Resp: 1944423





#34

Trichloroethene

Concen: 99.399 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 515149

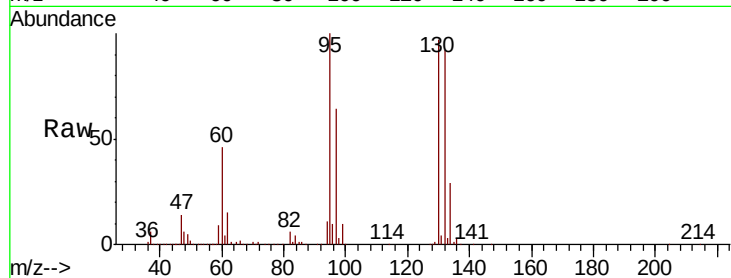
Ion Ratio Lower Upper

95 100

97 63.9 44.0 81.6

132 92.4 61.8 114.8

130 96.6 64.5 119.9



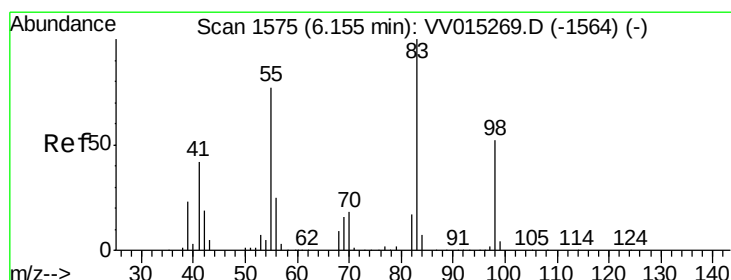
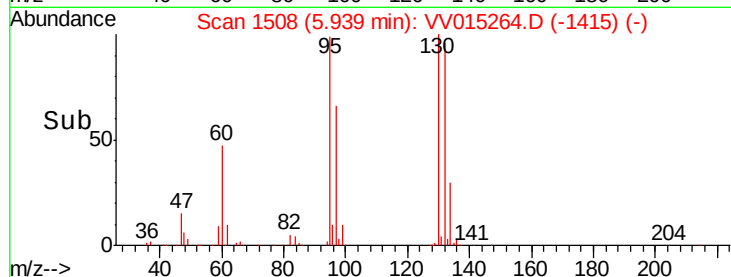
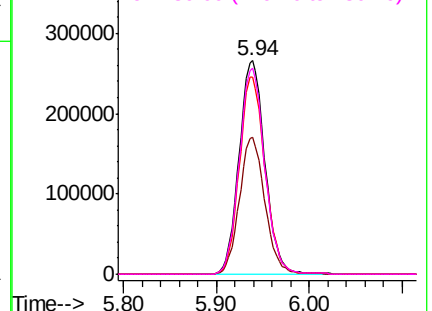
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 98.236 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

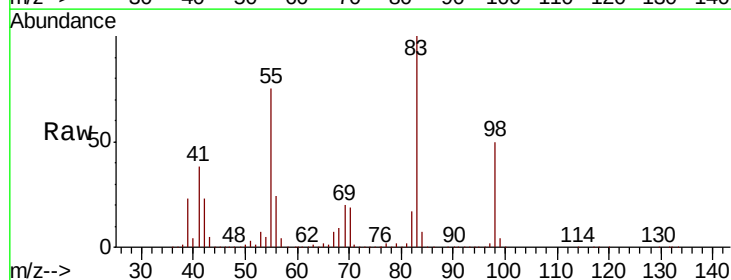
Tgt Ion: 83 Resp: 798549

Ion Ratio Lower Upper

83 100

55 73.2 59.4 89.2

98 50.2 38.6 58.0

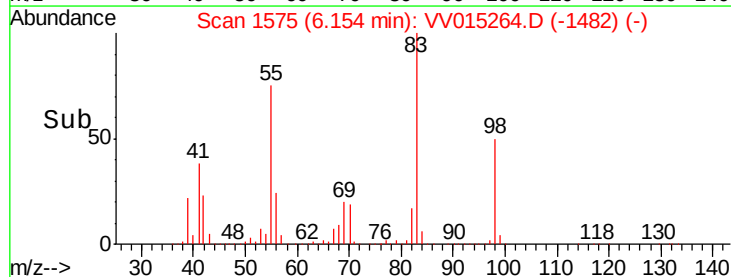
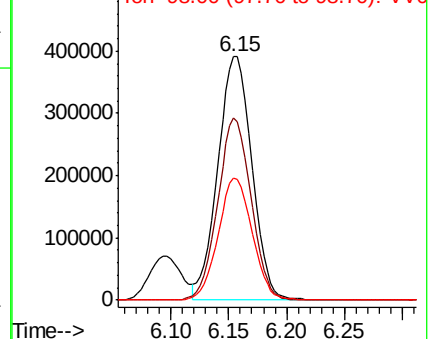


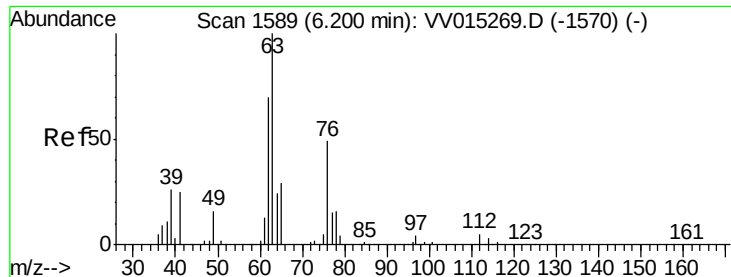
Abundance

Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

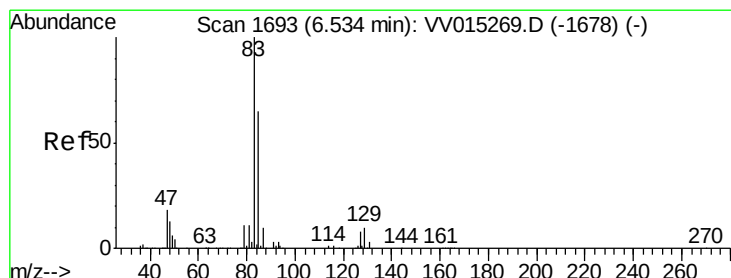
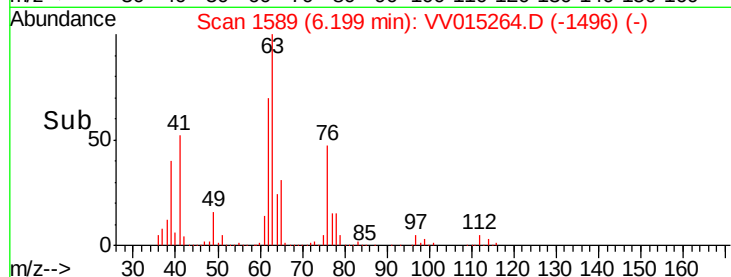
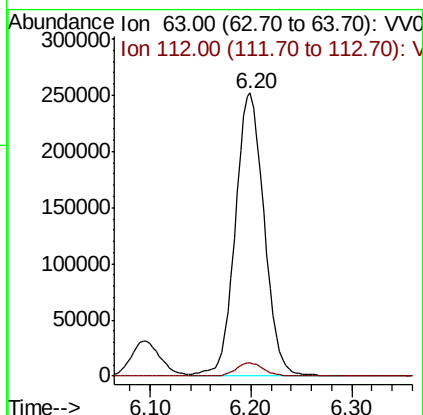
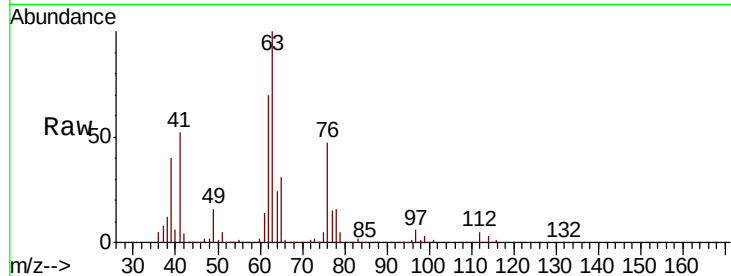




#37
 1,2-Dichloropropane
 Concen: 101.344 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

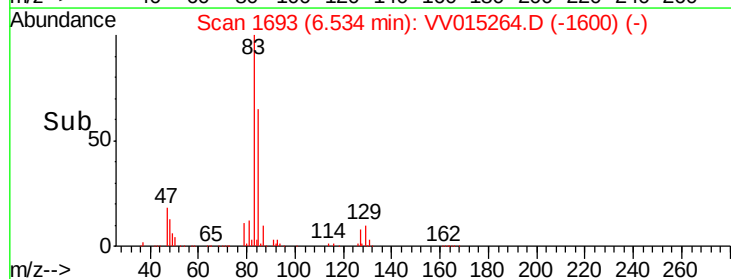
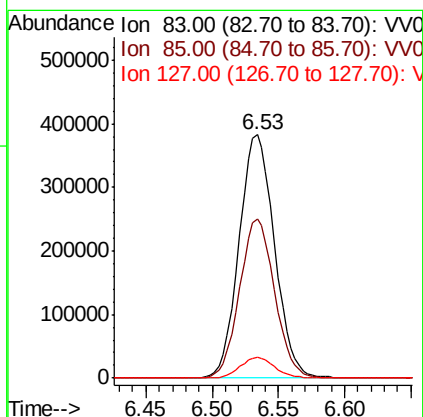
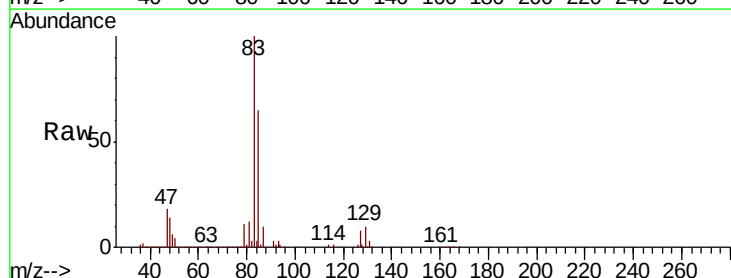
Instrument :
 MSVOA_V
 ClientSampleId :

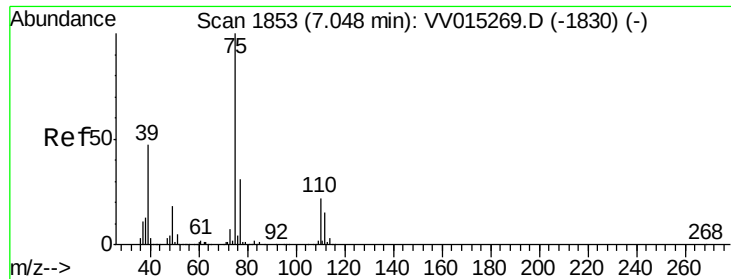
Tot Ion: 63 Resp: 498002
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.7 5.5



#38
 Bromodichloromethane
 Concen: 100.676 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Tgt Ion: 83 Resp: 711434
 Ion Ratio Lower Upper
 83 100
 85 65.4 45.1 83.9
 127 8.5 6.3 9.5



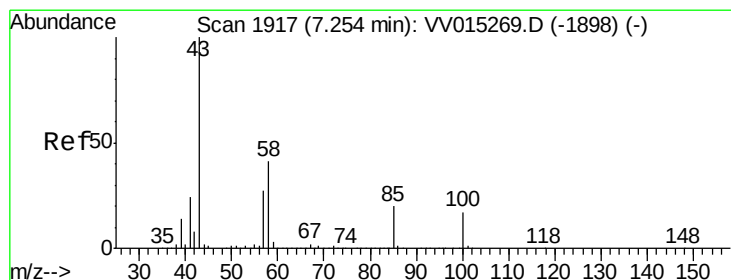
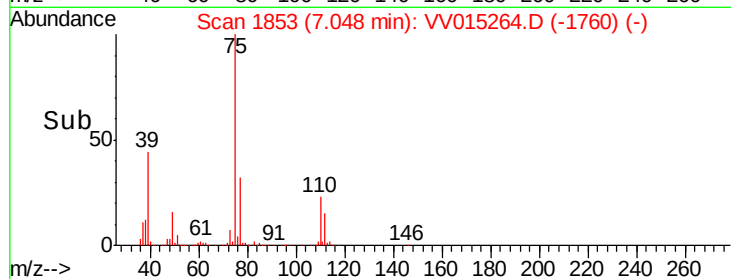
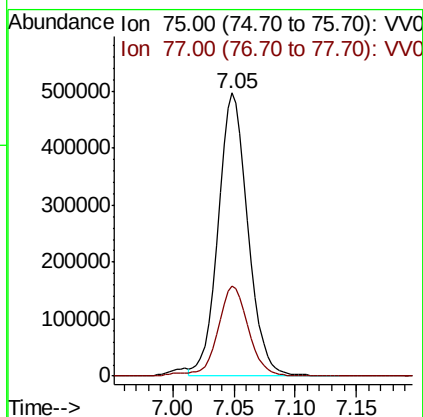
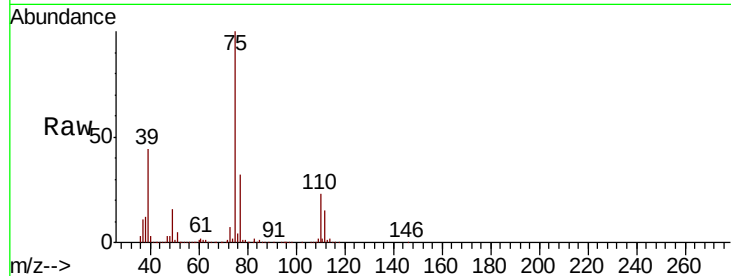


#39

cis-1,3-Dichloropropene
 Concen: 102.052 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Instrument :
 MSVOA_V
 ClientSampled :

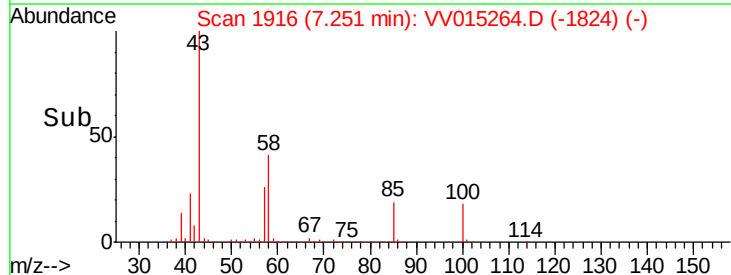
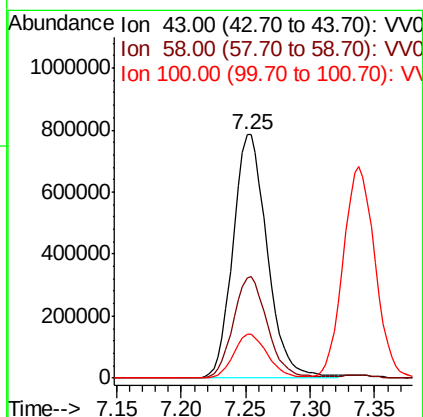
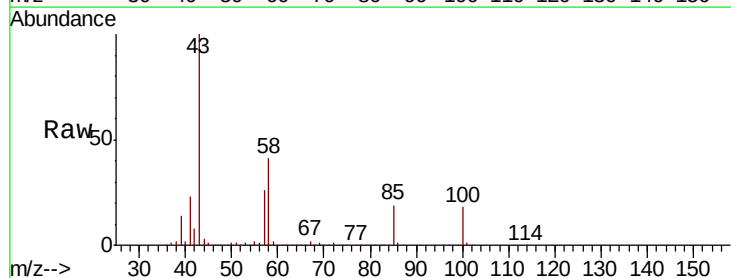
Tot Ion: 75 Resp: 846924
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.6 40.0

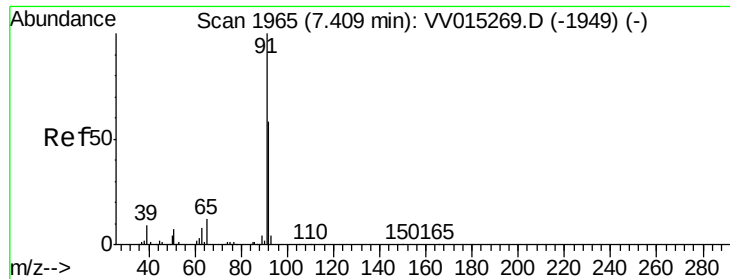


#40

4-Methyl-2-pentanone
 Concen: 198.250 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Tgt Ion: 43 Resp: 1448500
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.9 49.3
 100 17.8 13.9 20.9





#42

Toluene

Concen: 101.584 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :

MSVOA_V

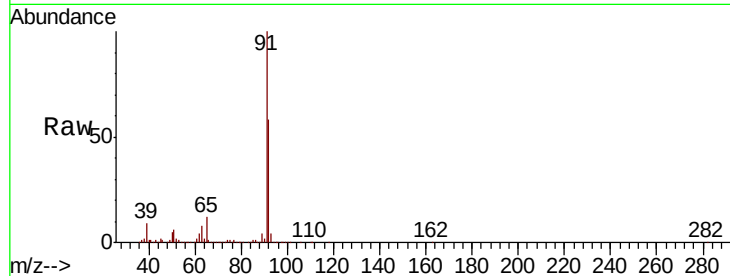
ClientSampled :

Tot Ion: 91 Resp: 2203113

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

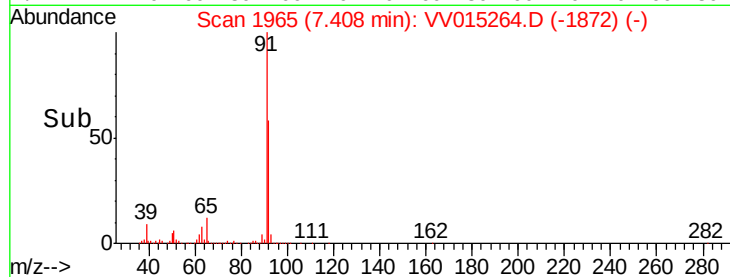
1500000

1000000

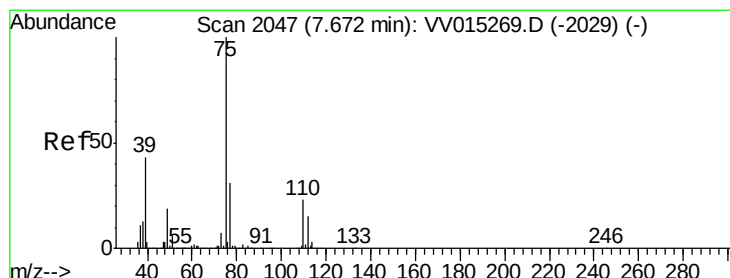
500000

0

7.30 7.40 7.50



Time-->



#44

trans-1,3-Dichloropropene

Concen: 103.162 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.00 min

Lab File: VV015264.D

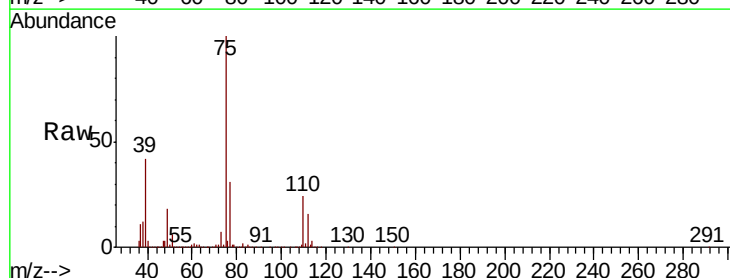
Acq: 30 Mar 2020 10:09

Tgt Ion: 75 Resp: 841223

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

600000

500000

400000

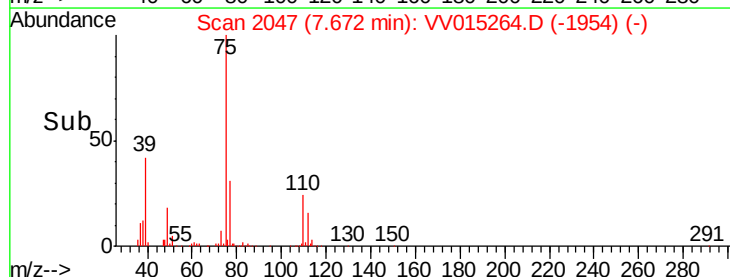
300000

200000

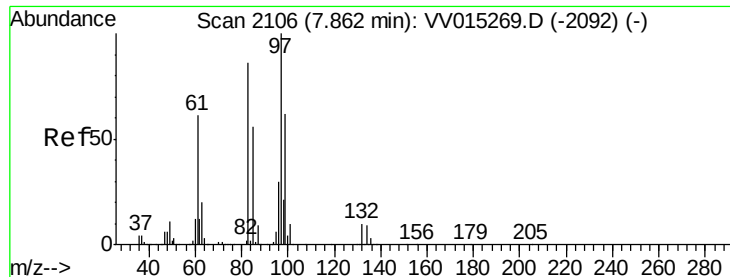
100000

0

7.55 7.60 7.65 7.70 7.75



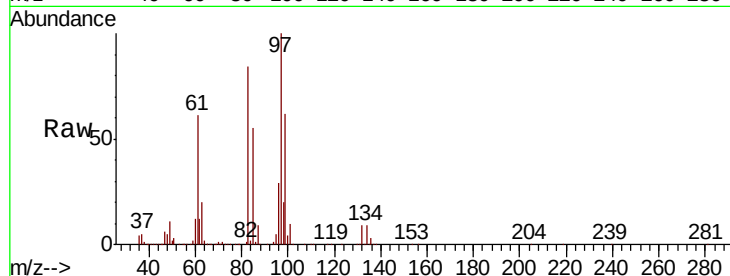
Time-->



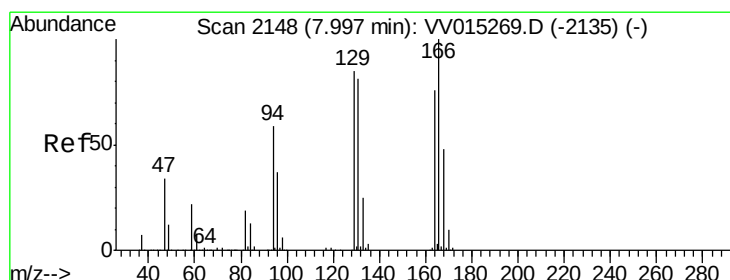
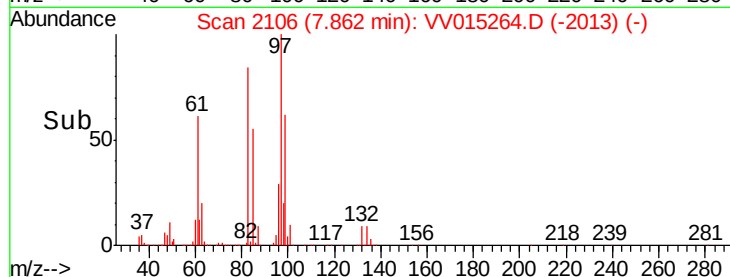
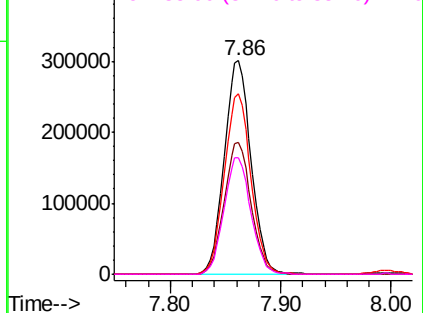
#45
 1,1,2-Trichloroethane
 Concen: 102.265 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	506257
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.6	81.0
83	84.5	60.0	111.4
85	54.7	39.3	72.9

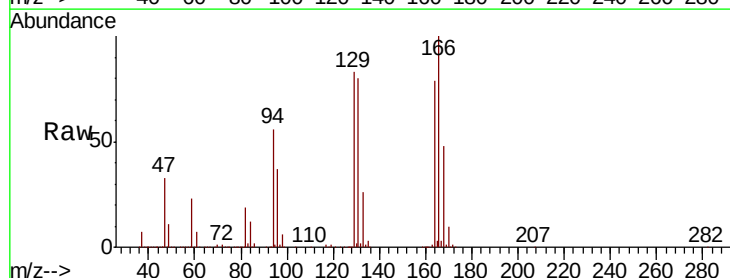


Abundance Ion 97.00 (96.70 to 97.70): VV015264.D (-2092) (-)
 Ion 99.00 (98.70 to 99.70): VV015264.D (-2092) (-)
 Ion 83.00 (82.70 to 83.70): VV015264.D (-2092) (-)
 Ion 85.00 (84.70 to 85.70): VV015264.D (-2092) (-)

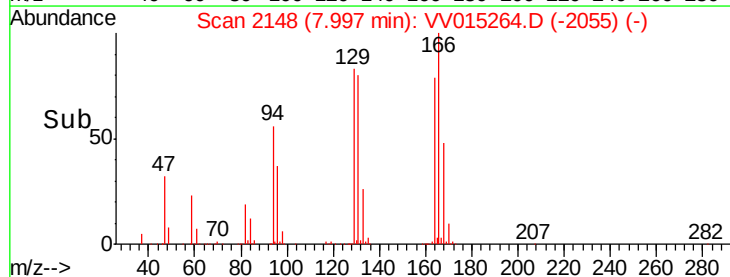
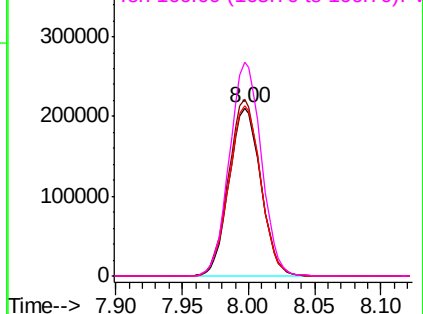


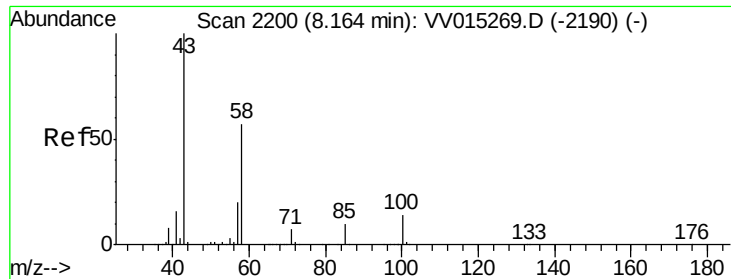
#46
 Tetrachloroethene
 Concen: 102.639 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Tgt Ion:	164	Resp:	351990
Ion	Ratio	Lower	Upper
164	100		
129	105.2	77.8	144.4
131	101.3	73.9	137.3
166	127.0	91.7	170.3



Abundance Ion 164.00 (163.70 to 164.70): VV015264.D (-2135) (-)
 Ion 129.00 (128.70 to 129.70): VV015264.D (-2135) (-)
 Ion 131.00 (130.70 to 131.70): VV015264.D (-2135) (-)
 Ion 166.00 (165.70 to 166.70): VV015264.D (-2135) (-)

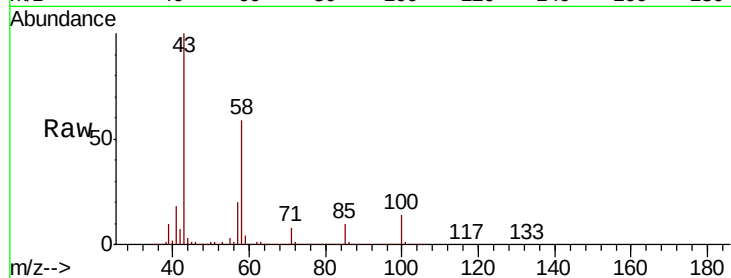




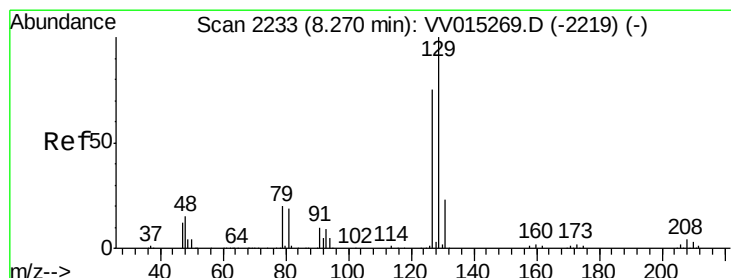
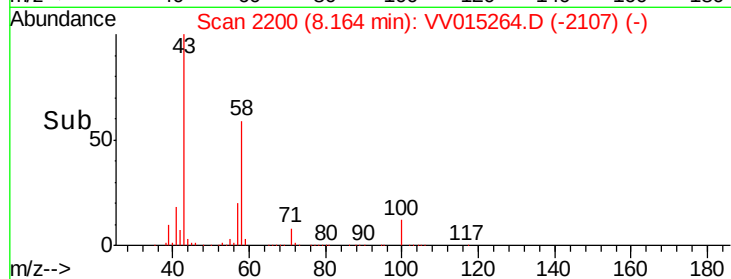
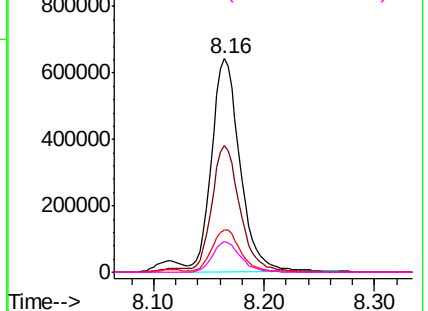
#48
2-Hexanone
Concen: 203.382 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1139973
Ion Ratio Lower Upper
43 100
58 59.3 47.0 70.6
57 19.9 16.2 24.2
100 14.1 11.0 16.6

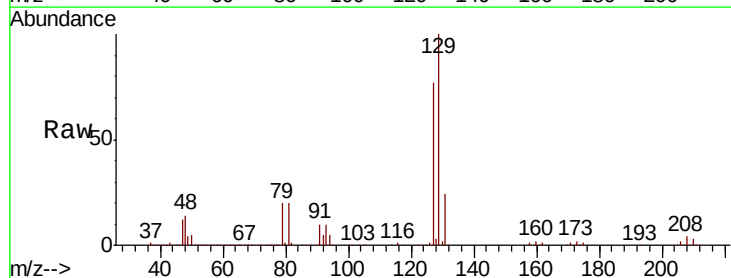


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

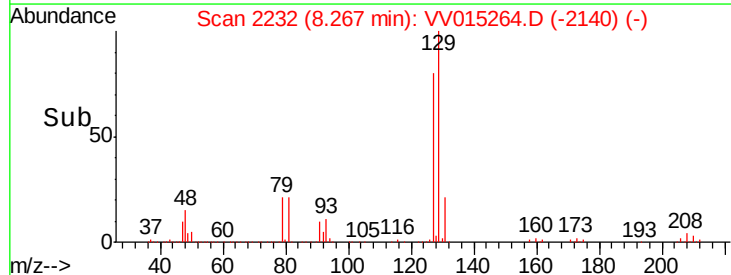
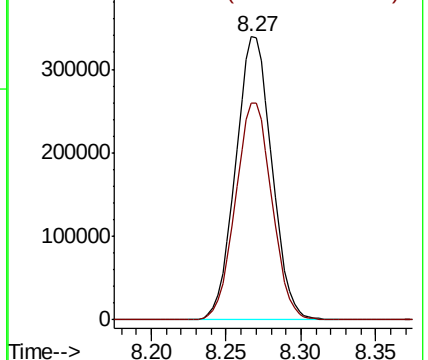


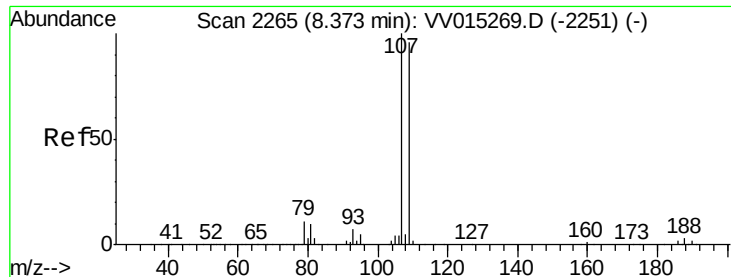
#49
Dibromochloromethane
Concen: 105.645 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

Tgt Ion: 129 Resp: 571580
Ion Ratio Lower Upper
129 100
127 76.5 52.8 98.2



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

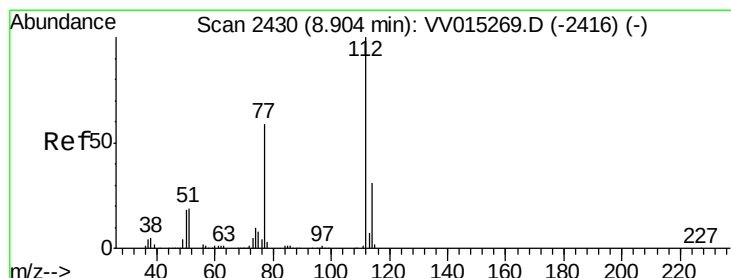
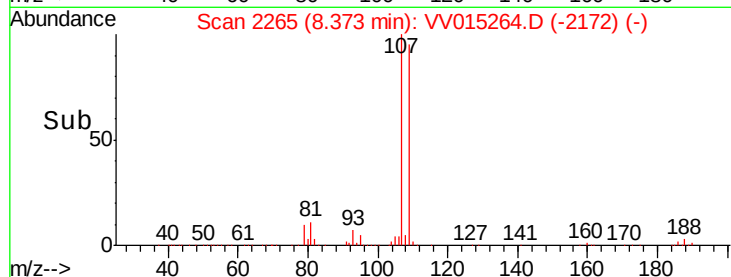
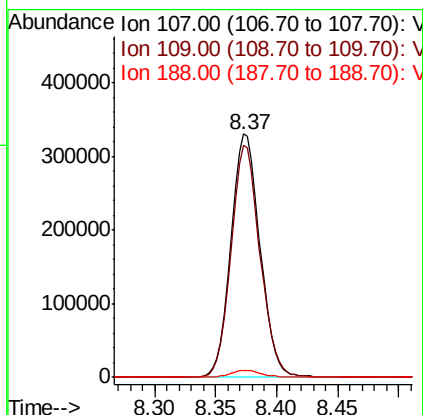
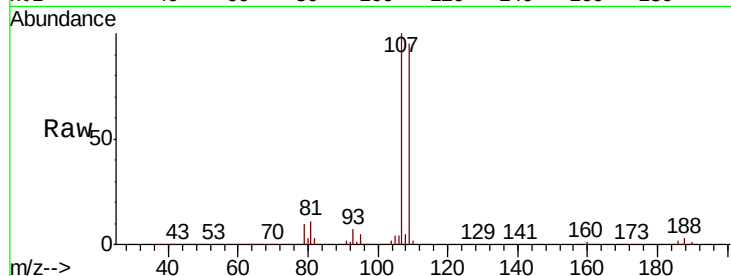




#50
1,2-Dibromoethane
Concen: 102.284 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

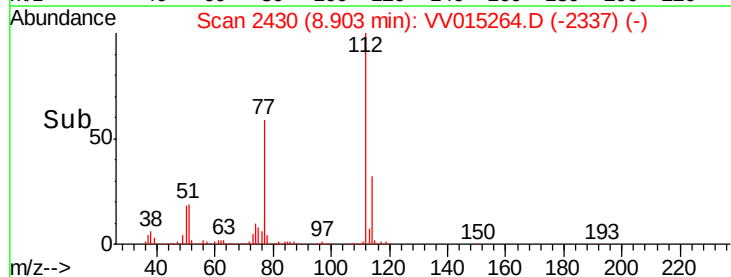
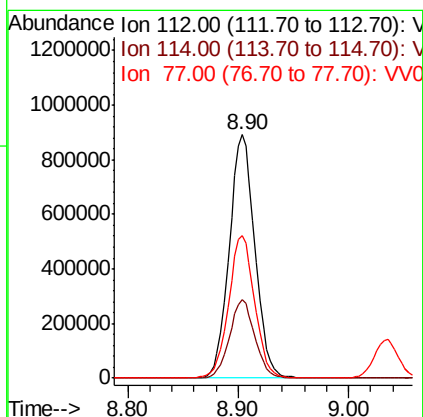
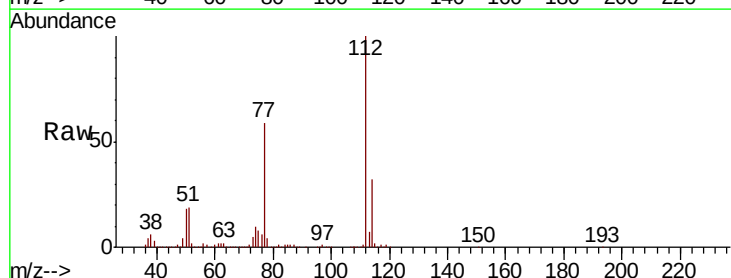
Instrument :
MSVOA_V
ClientSampleId :

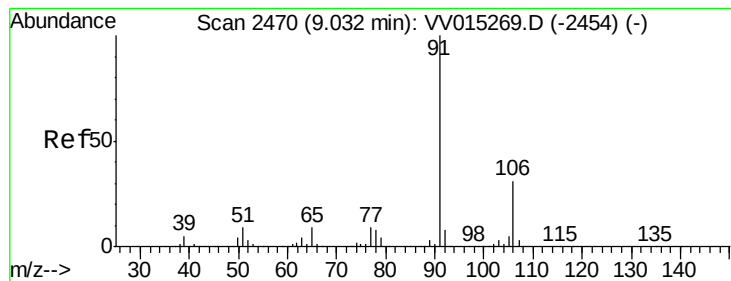
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	67.1	124.7
188	3.0	2.5	3.7



#51
Chlorobenzene
Concen: 101.534 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.7	40.3
77	58.8	47.9	71.9





#52

Ethylbenzene

Concen: 102.607 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

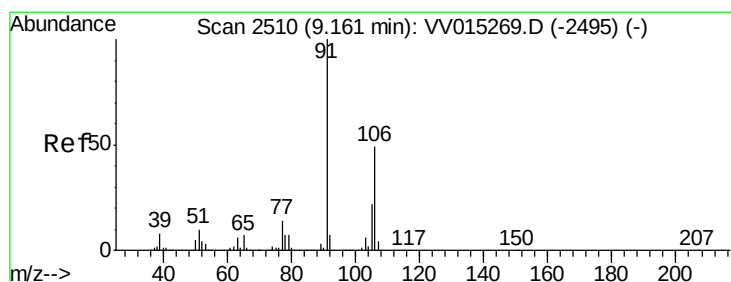
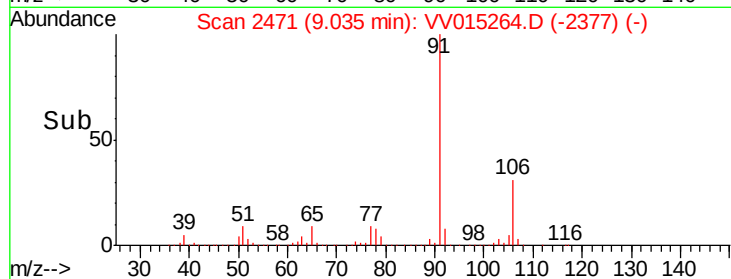
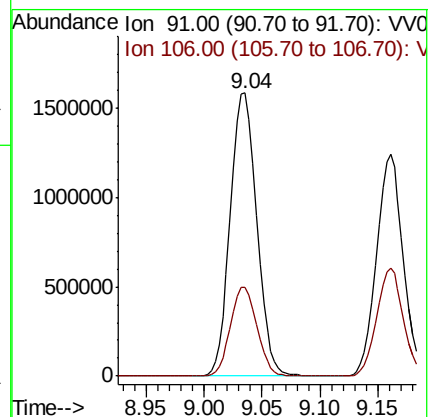
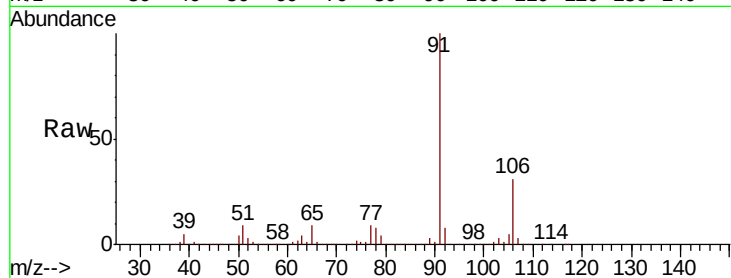
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 2509418

Ion Ratio Lower Upper

91 100

106 31.3 22.0 40.8



#53

m,p-Xylene

Concen: 104.327 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV015264.D

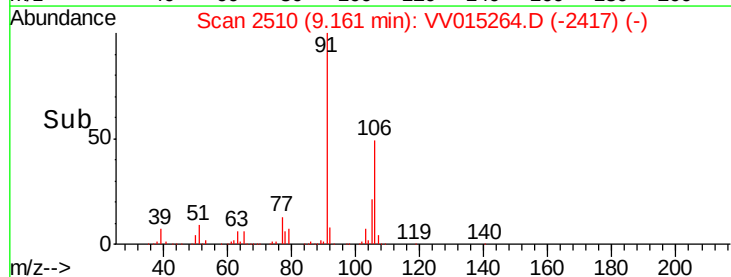
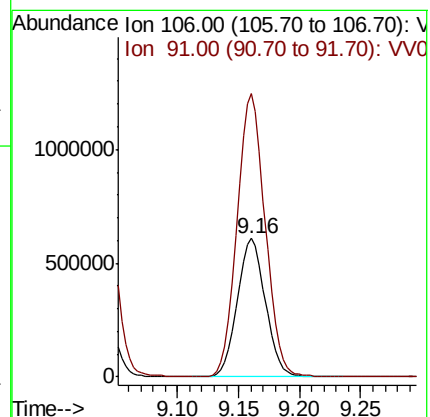
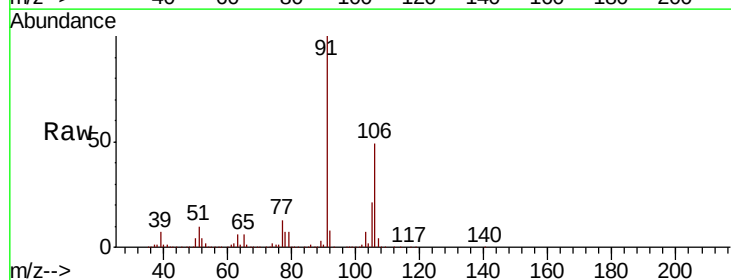
Acq: 30 Mar 2020 10:09

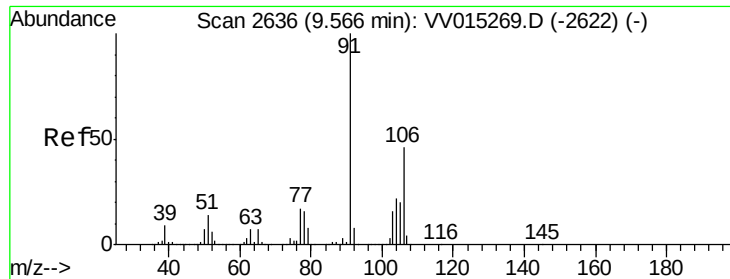
Tgt Ion: 106 Resp: 973187

Ion Ratio Lower Upper

106 100

91 204.7 143.1 265.9

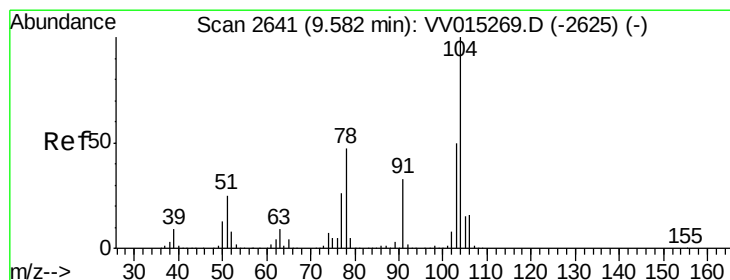
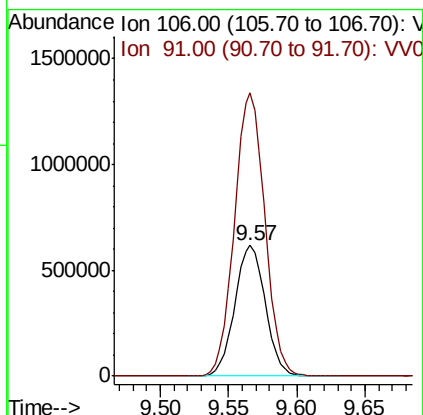
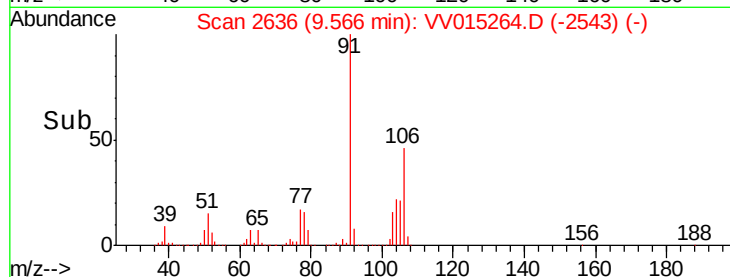
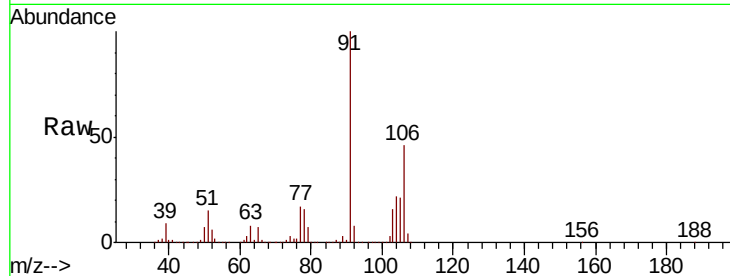




#54
o-xylene
Concen: 103.453 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

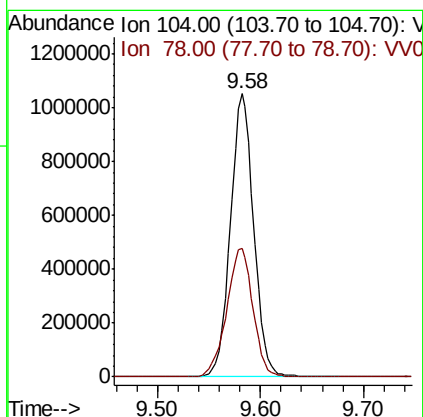
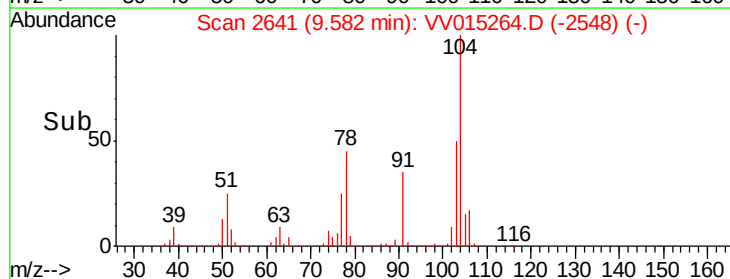
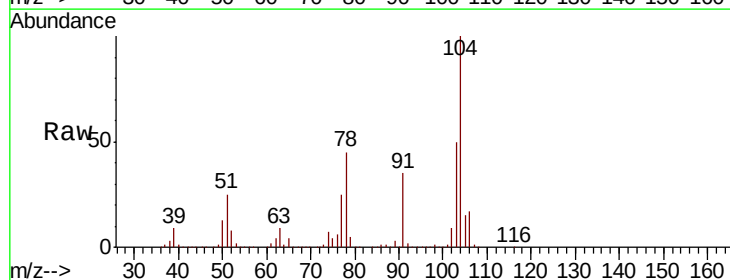
Instrument :
MSVOA_V
ClientSampleId :

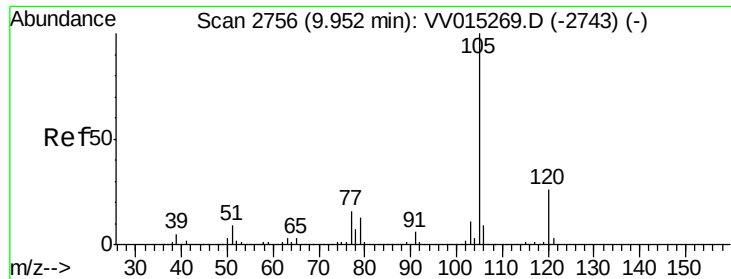
Tot Ion:106 Resp: 960024
Ion Ratio Lower Upper
106 100
91 217.0 153.4 285.0



#55
Styrene
Concen: 104.445 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV015264.D
Acq: 30 Mar 2020 10:09

Tgt Ion:104 Resp: 1653927
Ion Ratio Lower Upper
104 100
78 45.4 32.7 60.7





#56

Isopropylbenzene

Concen: 102.727 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :

MSVOA_V

ClientSampleId :

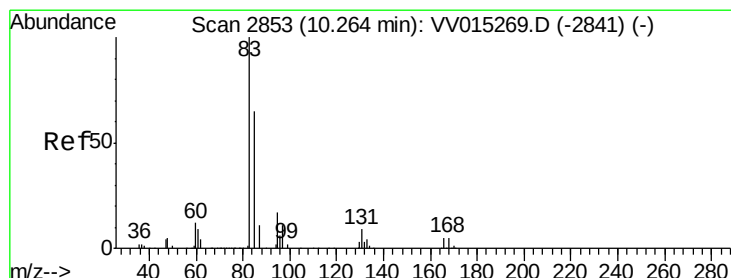
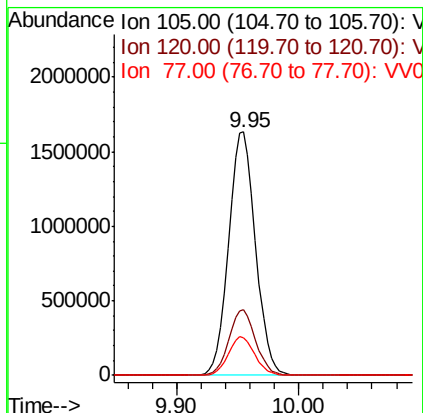
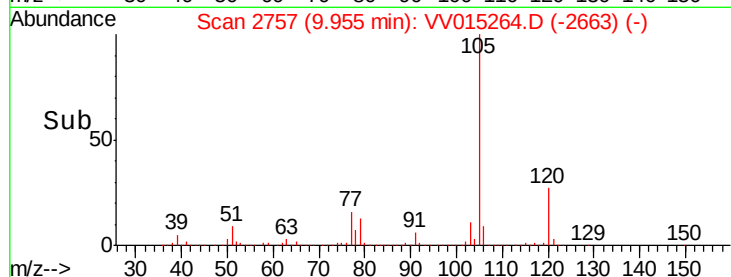
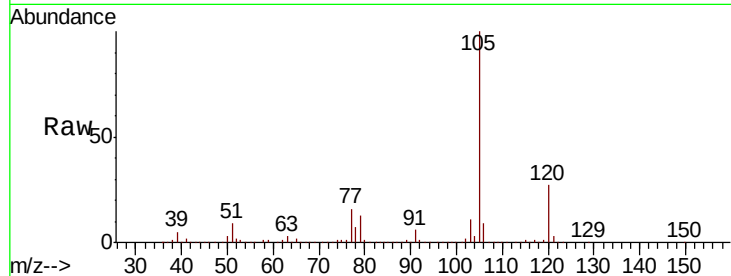
Tot Ion:105 Resp: 2509374

Ion Ratio Lower Upper

105 100

120 26.7 20.7 31.1

77 15.7 12.8 19.2



#58

1,1,2,2-Tetrachloroethane

Concen: 100.416 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

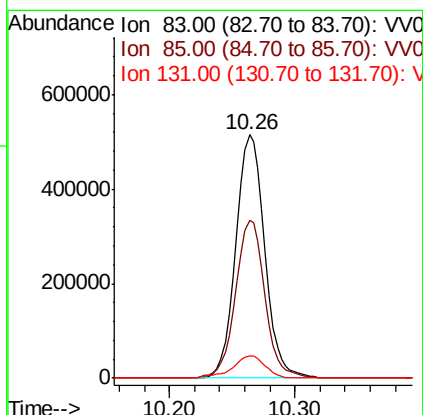
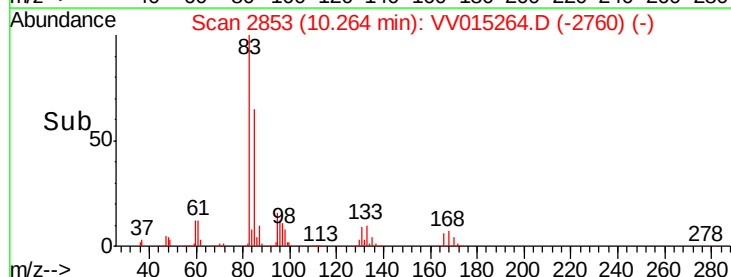
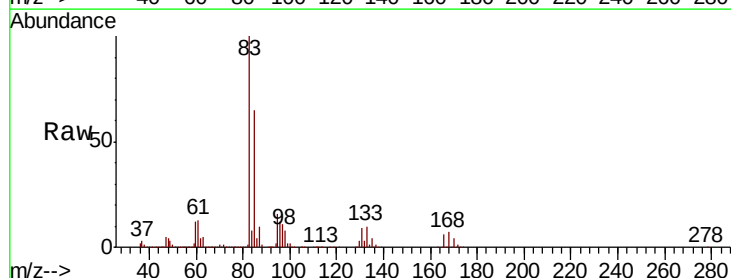
Tgt Ion: 83 Resp: 824994

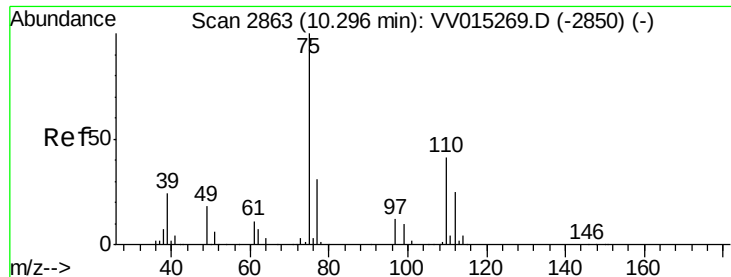
Ion Ratio Lower Upper

83 100

85 64.9 46.3 85.9

131 9.2 7.6 11.4





#59

1,2,3-Trichloropropane

Concen: 98.411 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Instrument :

MSVOA_V

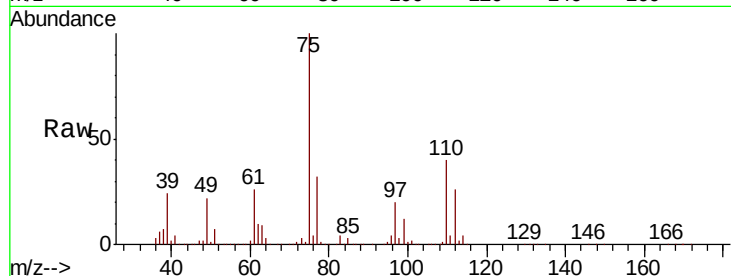
ClientSampleId :

Tot Ion: 75 Resp: 669086

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VV015269.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV015269.D (-2850) (-)

10.30

400000

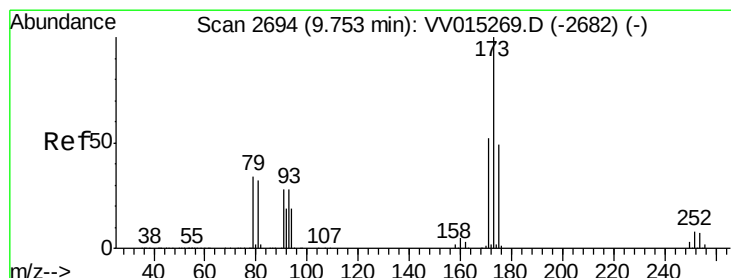
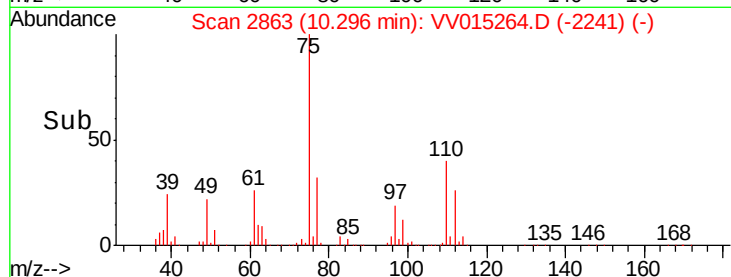
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#61

Bromoform

Concen: 109.498 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

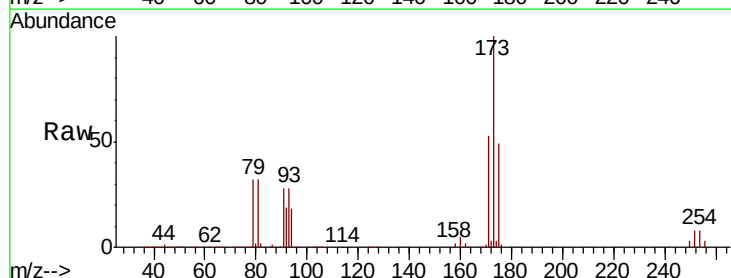
Tgt Ion: 173 Resp: 379015

Ion Ratio Lower Upper

173 100

175 47.7 39.4 59.0

254 7.4 5.6 8.4



Abundance Ion 173.00 (172.70 to 173.70): VV015269.D (-2682) (-)

Ion 175.00 (174.70 to 175.70): VV015269.D (-2682) (-)

Ion 254.00 (253.70 to 254.70): VV015269.D (-2682) (-)

9.75

300000

250000

200000

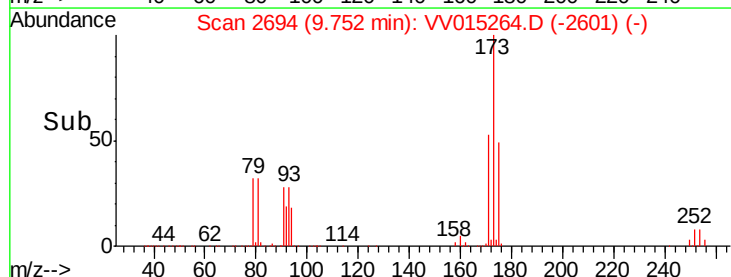
150000

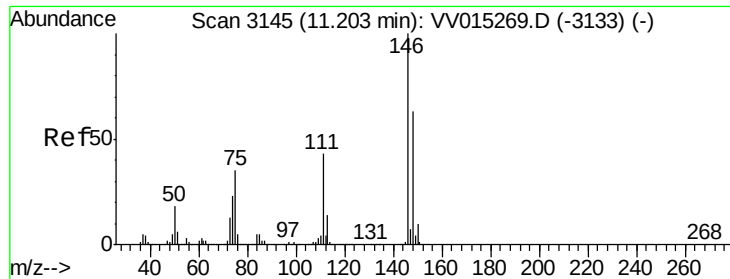
100000

50000

0

Time--> 9.70 9.75 9.80 9.85

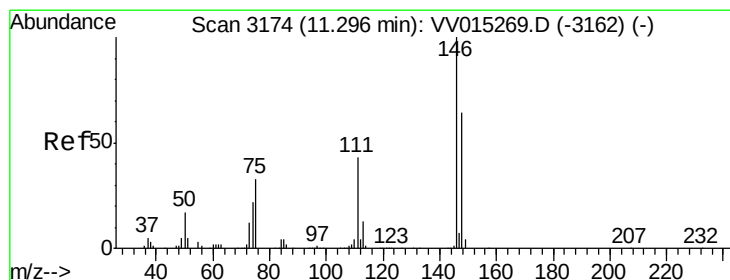
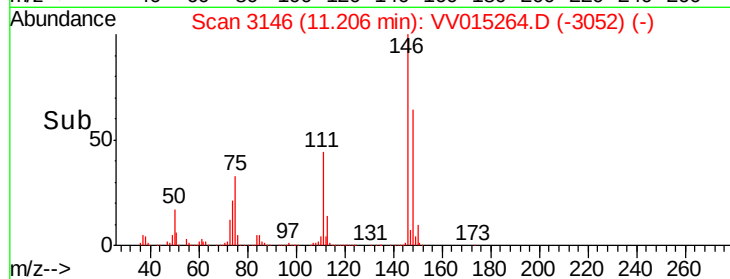
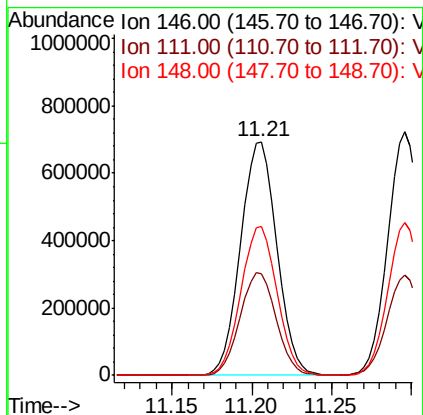
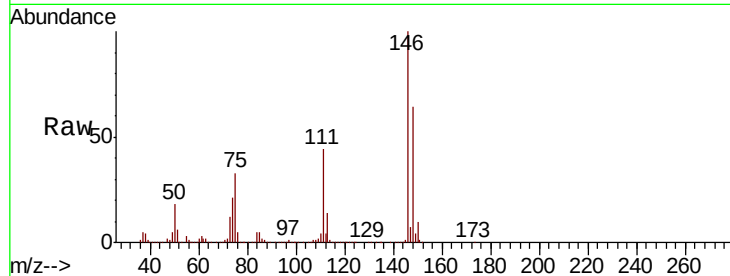




#62
 1,3-Dichlorobenzene
 Concen: 101.630 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

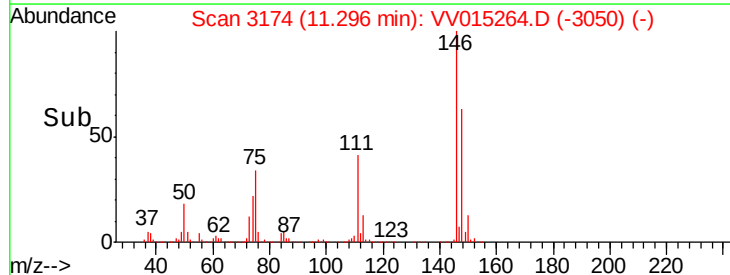
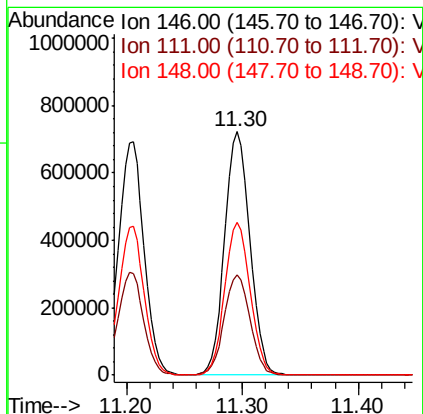
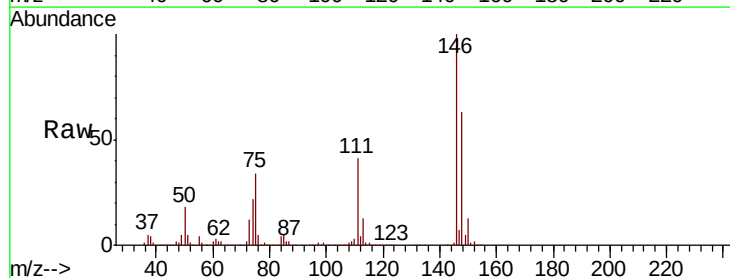
Instrument :
 MSVOA_V
 ClientSampled :

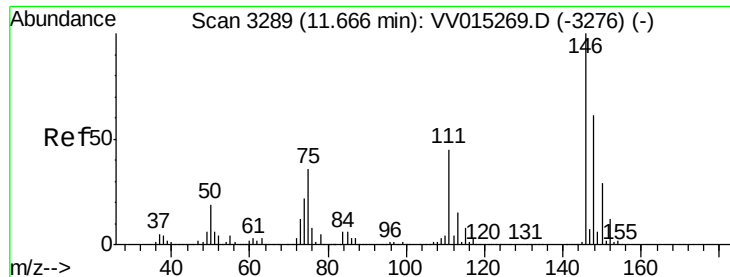
Tot Ion:146 Resp: 1075776
 Ion Ratio Lower Upper
 146 100
 111 43.7 30.4 56.4
 148 63.6 43.9 81.5



#63
 1,4-Dichlorobenzene
 Concen: 100.786 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Tgt Ion:146 Resp: 1088927
 Ion Ratio Lower Upper
 146 100
 111 41.0 30.5 56.7
 148 62.8 45.0 83.6

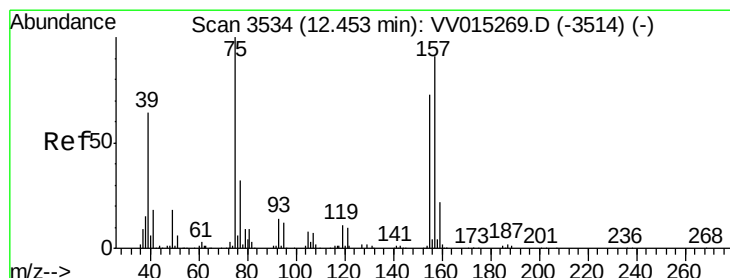
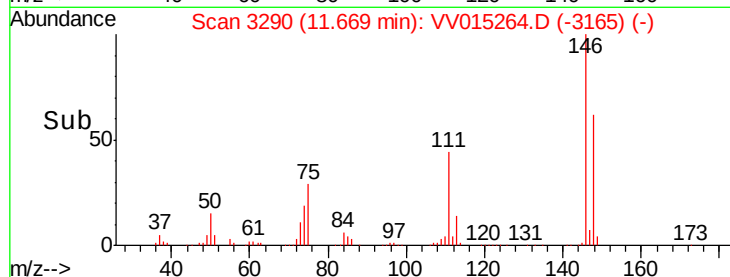
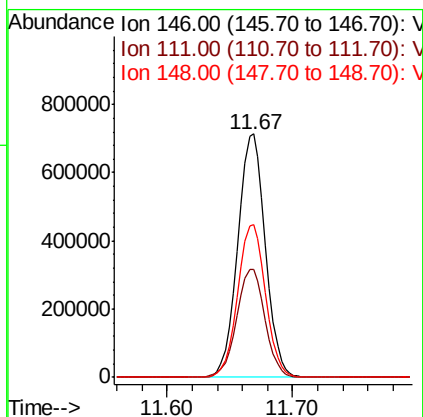
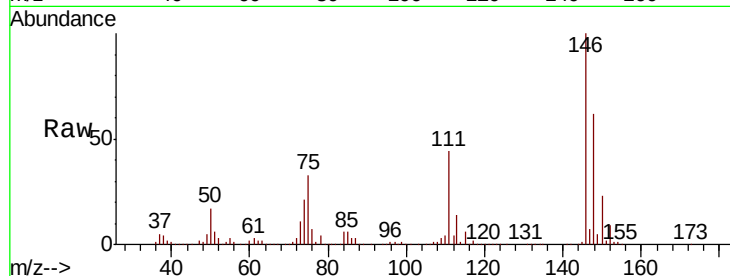




#65
 1,2-Dichlorobenzene
 Concen: 101.785 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

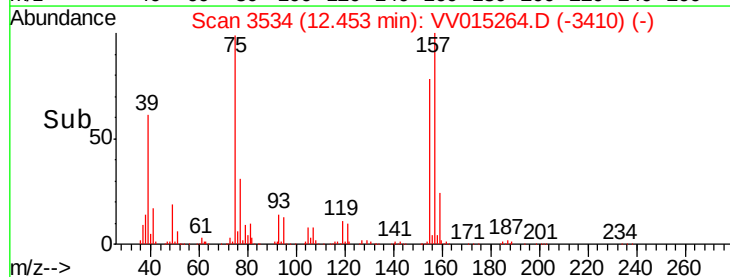
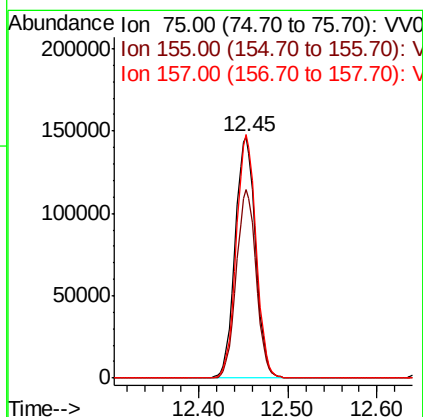
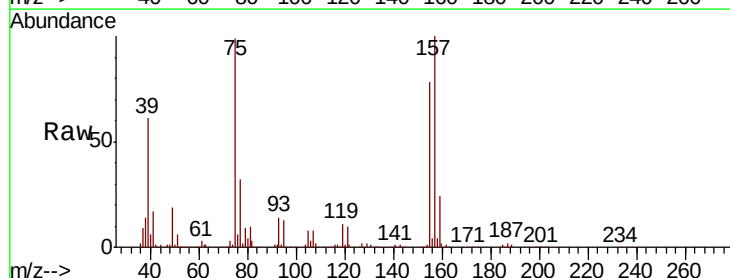
Instrument :
 MSVOA_V
 ClientSampled :

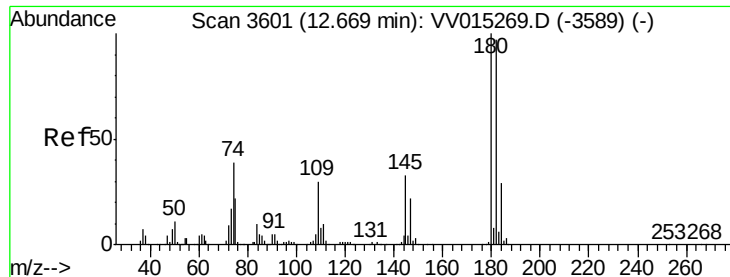
Tot Ion:146 Resp: 1087240
 Ion Ratio Lower Upper
 146 100
 111 44.2 35.8 53.6
 148 62.5 49.1 73.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 98.677 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Tgt Ion: 75 Resp: 231911
 Ion Ratio Lower Upper
 75 100
 155 78.3 58.2 87.4
 157 100.8 73.0 109.6

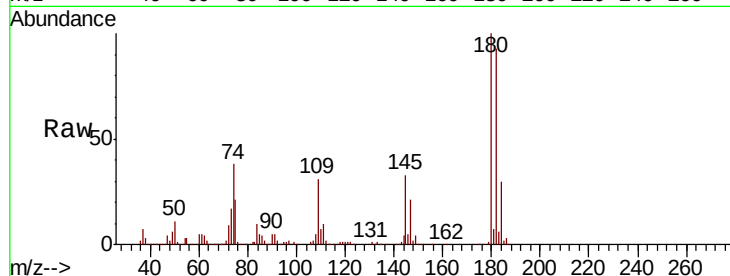




#67
 1,3,5-Trichlorobenzene
 Concen: 105.249 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
184	29.5	23.6	35.4
145	33.8	27.0	40.6



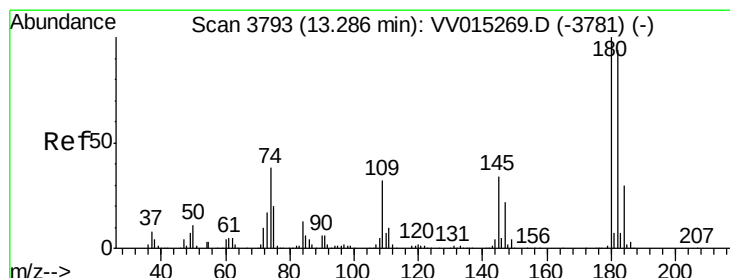
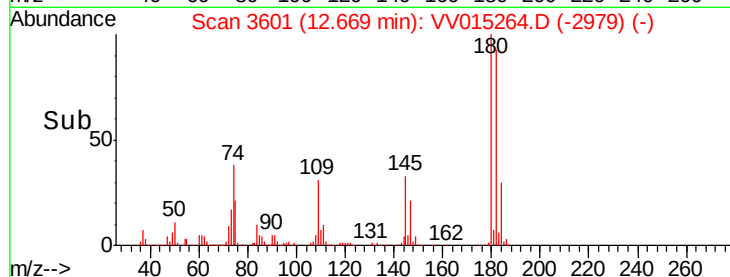
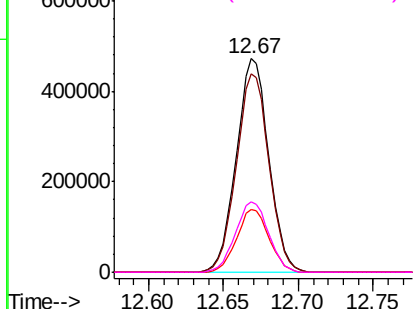
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

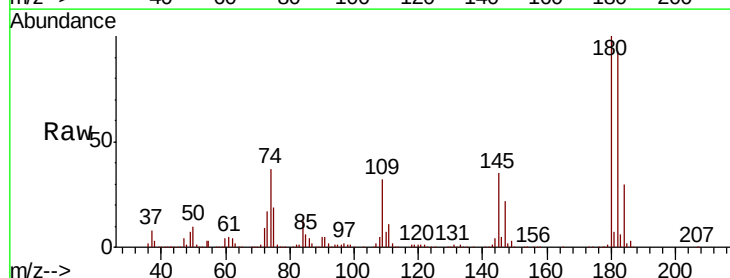
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 104.848 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015264.D
 Acq: 30 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.2	112.8
145	34.6	27.3	40.9

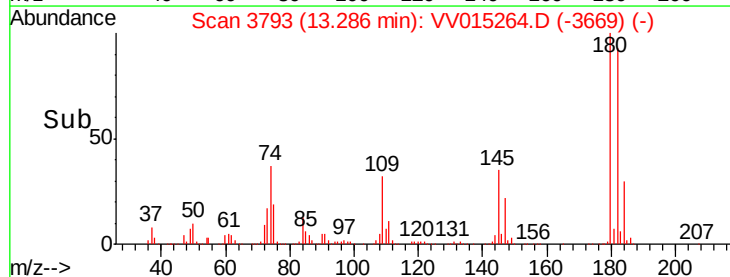
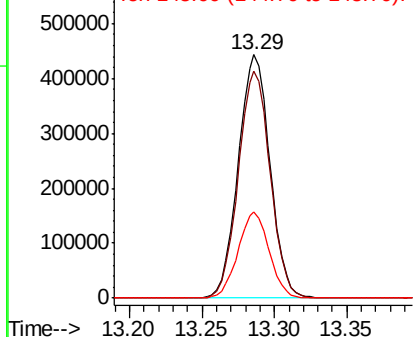


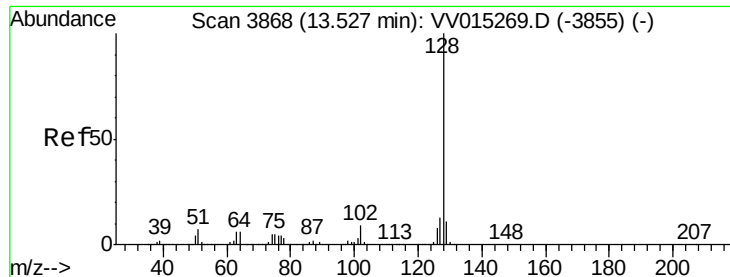
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 102.842 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

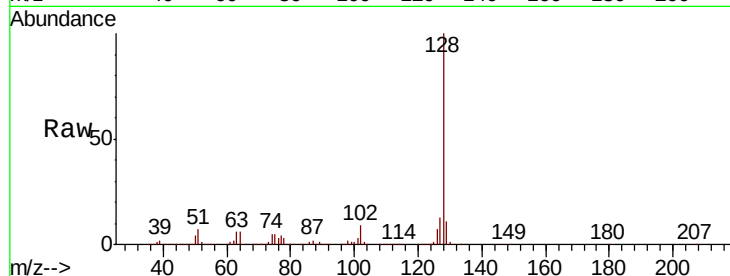
Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:128 Resp: 2631582

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	8.6	13.0

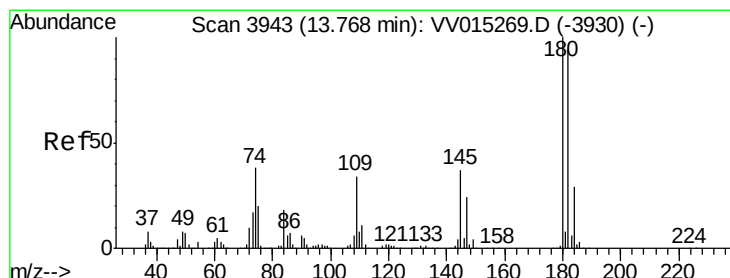
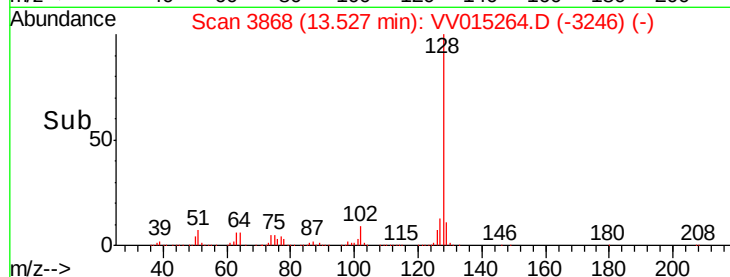
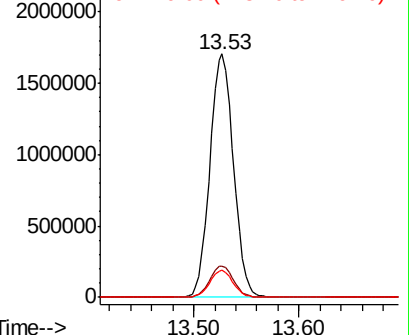


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 105.001 ug/L

RT: 13.77 min Scan# 3943

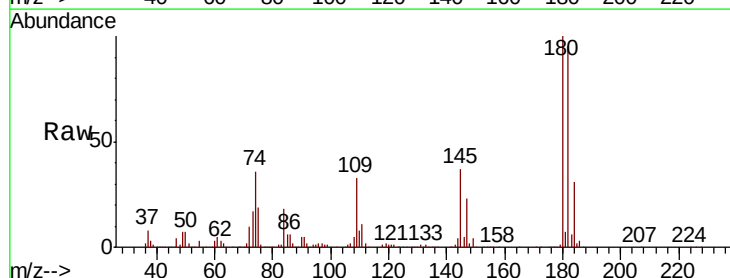
Delta R.T. -0.00 min

Lab File: VV015264.D

Acq: 30 Mar 2020 10:09

Tgt Ion:180 Resp: 676458

Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.7	112.1
145	36.9	29.6	44.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

