

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV123020\
 Data File : VV019876.D
 Acq On : 30 Dec 2020 14:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 02:05:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 31 02:03:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	268461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	257884	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	126394	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90904	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.57	69	79379	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.11	63	198860	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.94	46	207939	51.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.04%
24) Chloroform-d	4.35	84	173813	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.04	65	87010	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.05	84	336727	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.07	67	101816	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.32	98	299380	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.63	79	36458	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.10	63	148155	49.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.46%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	65938	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	11.63	152	95116	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	131602	5.125	ug/L 97
3) Chloromethane	1.24	50	143386	5.049	ug/L 100
5) Vinyl chloride	1.31	62	142424	5.112	ug/L 99
6) Bromomethane	1.52	94	80478	4.934	ug/L 100
8) Chloroethane	1.58	64	86161	5.060	ug/L 99
9) Trichlorofluoromethane	1.75	101	174399	5.154	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	98320	5.401	ug/L 98
12) 1,1-Dichloroethene	2.12	96	95904	5.155	ug/L 98
13) Acetone	2.25	43	154444	50.531	ug/L 100
14) Carbon disulfide	2.29	76	316399	4.912	ug/L 99
15) Methyl Acetate	2.45	43	38261	5.012	ug/L # 77
16) Methylene chloride	2.51	84	107244	4.735	ug/L 98
17) Methyl tert-butyl Ether	2.78	73	228289	4.907	ug/L 99
18) trans-1,2-Dichloroethene	2.76	96	105248	5.010	ug/L 99
19) 1,1-Dichloroethane	3.19	63	204477	5.028	ug/L 99
21) 2-Butanone	4.02	43	260077	50.577	ug/L 99
22) cis-1,2-Dichloroethene	3.92	96	107122	4.904	ug/L 98

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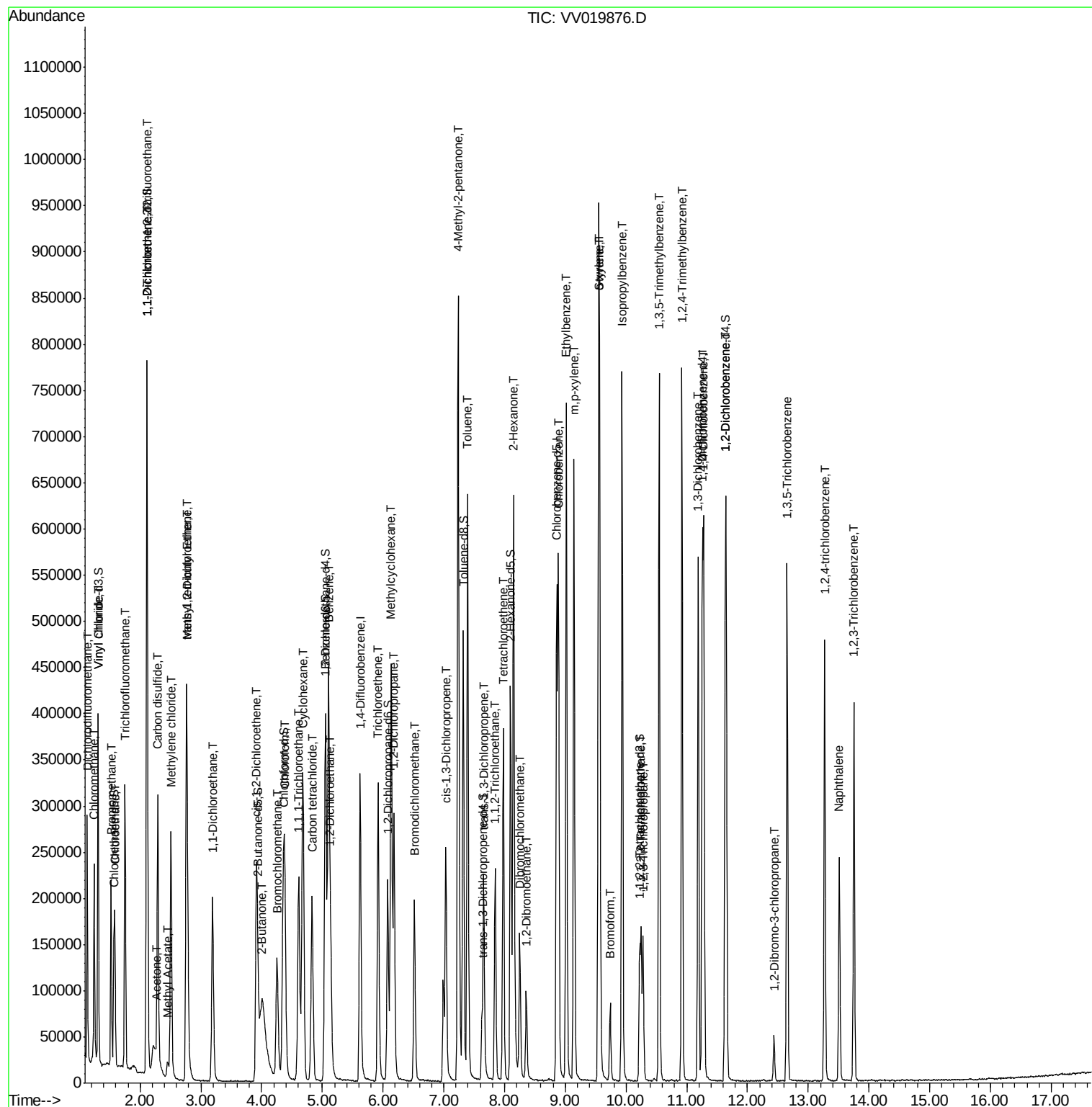
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	43902	5.042	ug/L	94
25) Chloroform	4.38	83	208204	5.146	ug/L	100
27) 1,2-Dichloroethane	5.14	62	127304	5.165	ug/L	97
29) 1,1,1-Trichloroethane	4.61	97	175178	4.981	ug/L	99
30) Cyclohexane	4.68	56	179228	5.065	ug/L	99
31) Carbon tetrachloride	4.83	117	143914	5.010	ug/L	99
33) Benzene	5.10	78	427163	4.947	ug/L	100
34) Trichloroethene	5.92	95	114136	4.948	ug/L	98
35) Methylcyclohexane	6.13	83	174266	5.050	ug/L	99
37) 1,2-Dichloropropane	6.18	63	107099	4.947	ug/L	99
38) Bromodichloromethane	6.51	83	131431	4.922	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	146320	4.924	ug/L	96
40) 4-Methyl-2-pentanone	7.23	43	623633	51.005	ug/L	100
42) Toluene	7.39	91	439367	5.011	ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	119657	4.916	ug/L	98
45) 1,1,2-Trichloroethane	7.85	97	68764	4.911	ug/L	97
47) Tetrachloroethene	7.98	164	76029	4.852	ug/L	98
48) 2-Hexanone	8.15	43	442996	52.271	ug/L	98
49) Dibromochloromethane	8.25	129	74371	4.910	ug/L	99
50) 1,2-Dibromoethane	8.36	107	63091	4.961	ug/L	98
51) Chlorobenzene	8.89	112	274306	4.946	ug/L	98
52) Ethylbenzene	9.02	91	493122	5.075	ug/L	100
53) m,p-xylene	9.14	106	178840	5.036	ug/L	98
54) o-xylene	9.55	106	173024	5.082	ug/L	99
55) Styrene	9.57	104	298763	5.193	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.25	83	74878	5.052	ug/L	97
59) Bromoform	9.74	173	33300	4.856	ug/L	99
60) Isopropylbenzene	9.94	105	471378	5.123	ug/L	100
61) 1,2,3-Trichloropropane	10.28	75	61314	5.018	ug/L	98
62) 1,3,5-Trimethylbenzene	10.54	105	390013	5.127	ug/L	100
63) 1,2,4-Trimethylbenzene	10.92	105	399142	5.151	ug/L	99
64) 1,3-Dichlorobenzene	11.19	146	205177	5.078	ug/L	98
65) 1,4-Dichlorobenzene	11.28	146	204495	5.046	ug/L	98
67) 1,2-Dichlorobenzene	11.65	146	185634	4.996	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.44	75	11244	4.462	ug/L	99
69) 1,3,5-Trichlorobenzene	12.65	180	151833	5.070	ug/L	99
70) 1,2,4-trichlorobenzene	13.27	180	120513	4.950	ug/L	99
71) Naphthalene	13.51	128	180828	4.909	ug/L	100
72) 1,2,3-Trichlorobenzene	13.75	180	104130	5.025	ug/L	99

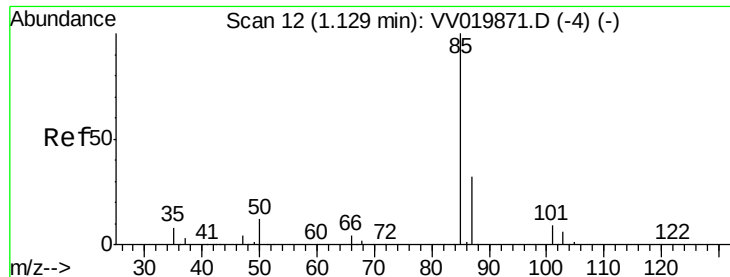
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.125 ug/L

RT: 1.13 min Scan# 12

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

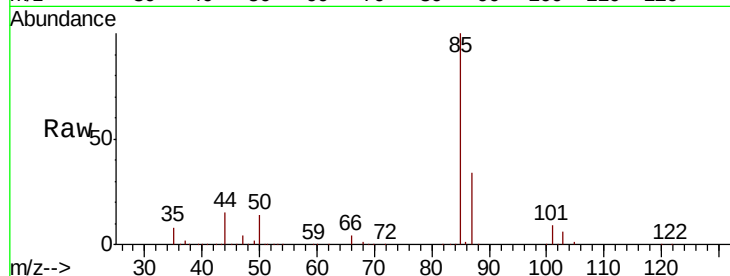
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 131602

Ion Ratio Lower Upper

85 100

87 33.6 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VV019876.D (-4) (-)

Ion 87.00 (86.70 to 87.70): VV019876.D (-4) (-)

1.13

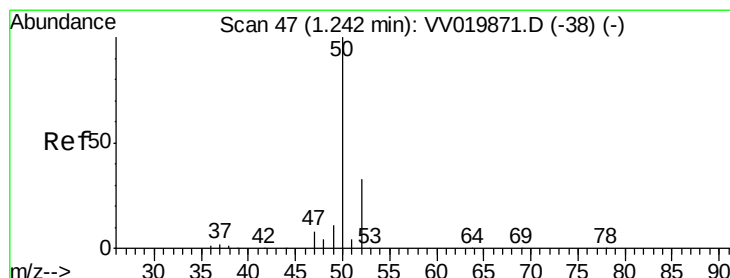
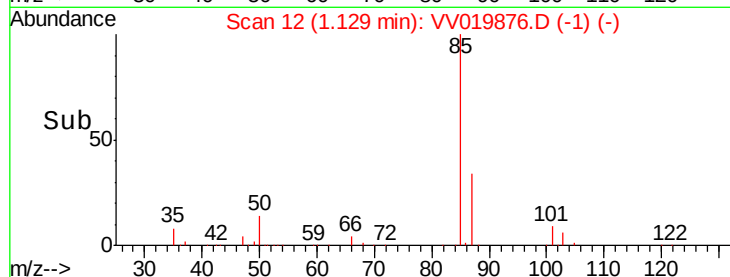
150000

100000

50000

0

Time--> 1.05 1.10 1.15 1.20 1.25



#3

Chloromethane

Concen: 5.049 ug/L

RT: 1.24 min Scan# 47

Delta R.T. 0.00 min

Lab File: VV019876.D

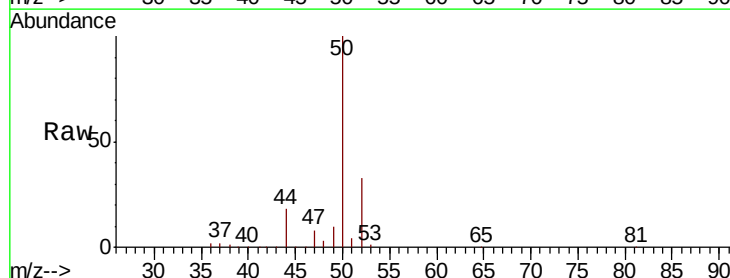
Acq: 30 Dec 2020 14:31

Tgt Ion: 50 Resp: 143386

Ion Ratio Lower Upper

50 100

52 32.9 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV019876.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV019876.D (-1) (-)

1.24

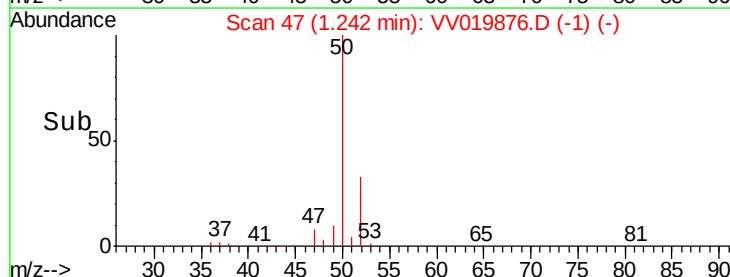
150000

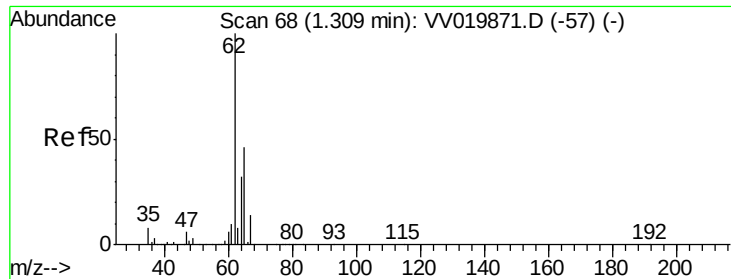
100000

50000

0

Time--> 1.20 1.25 1.30





#5

Vinyl chloride

Concen: 5.112 ug/L

RT: 1.31 min Scan# 68

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

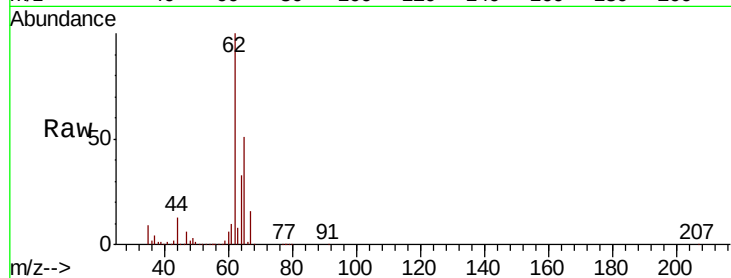
ClientSampleId :

Tot Ion: 62 Resp: 142424

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV019876.D (-57) (-)

Ion 64.10 (63.80 to 64.80): VV019876.D (-57) (-)

1.31

150000

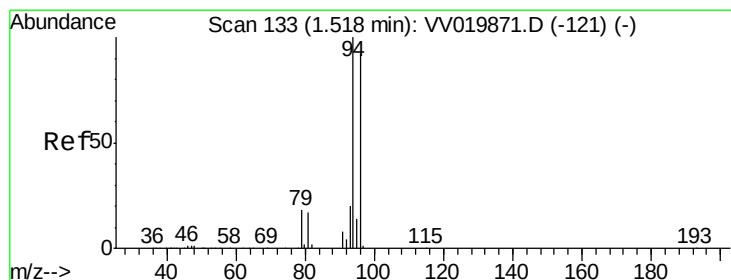
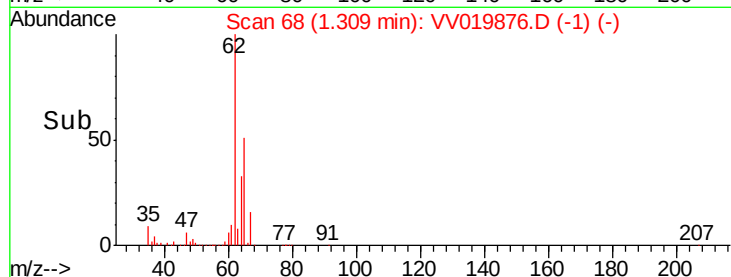
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 4.934 ug/L

RT: 1.52 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV019876.D

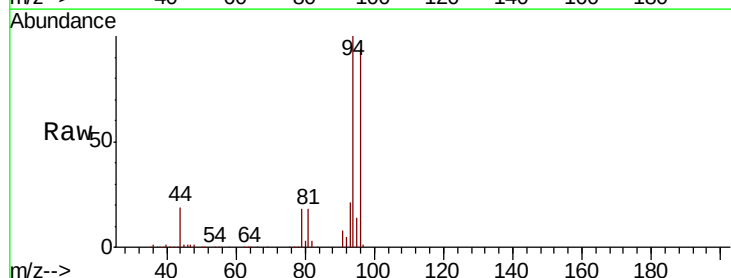
Acq: 30 Dec 2020 14:31

Tgt Ion: 94 Resp: 80478

Ion Ratio Lower Upper

94 100

96 93.9 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV019876.D (-121) (-)

Ion 96.00 (95.70 to 96.70): VV019876.D (-121) (-)

1.52

80000

60000

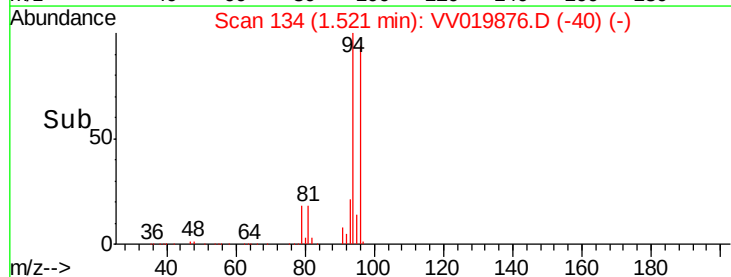
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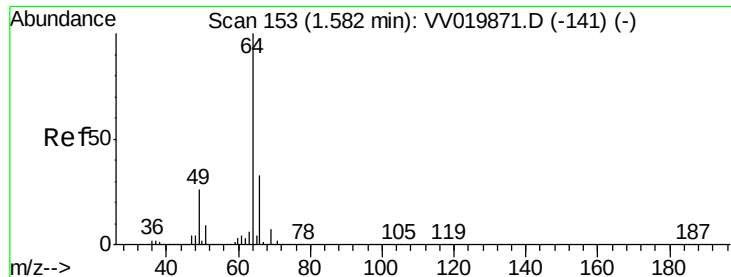
20000

0

Time-->

1.45 1.50 1.55 1.60

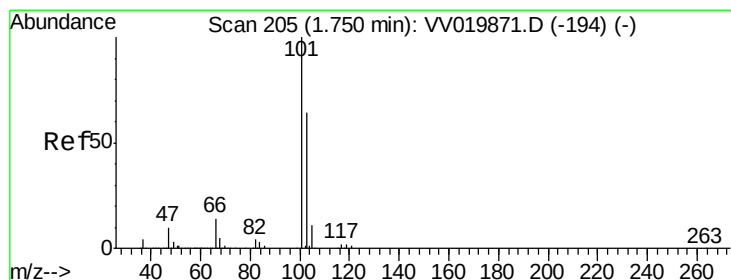
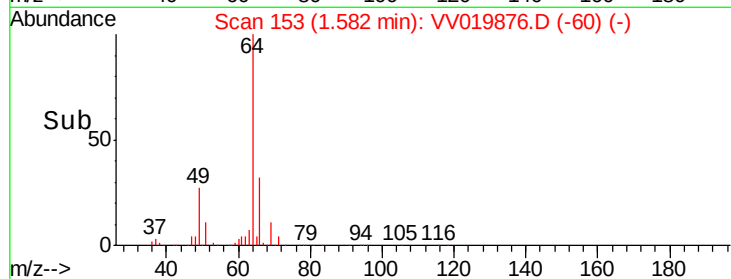
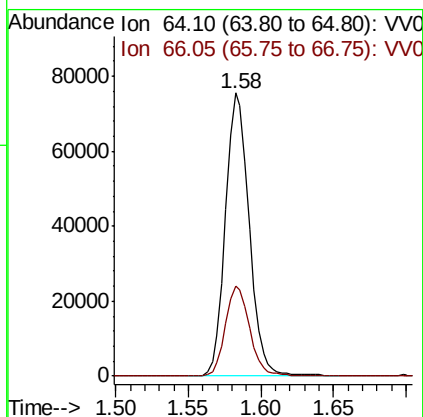
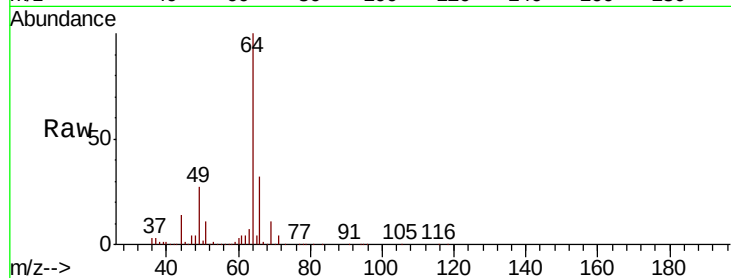




#8
Chloroethane
Concen: 5.060 ug/L
RT: 1.58 min Scan# 153
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

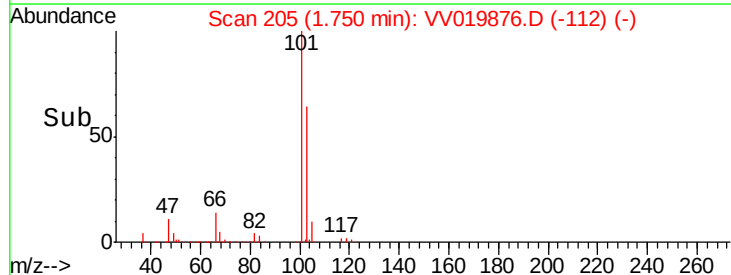
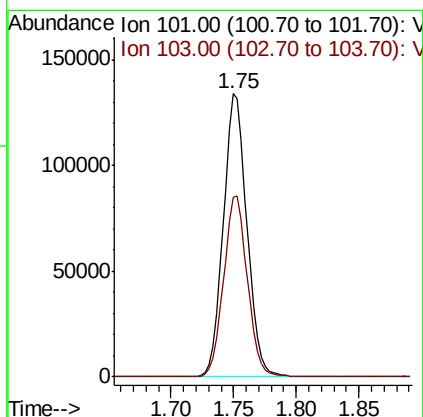
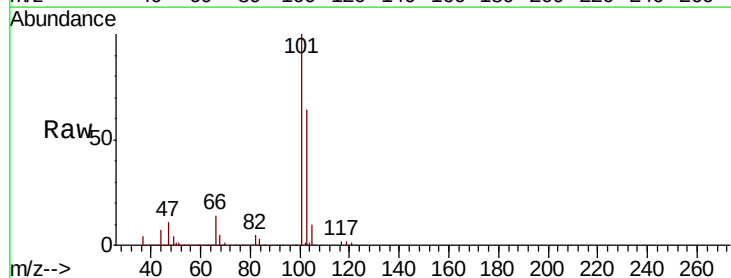
Instrument :
MSVOA_V
ClientSampleId :

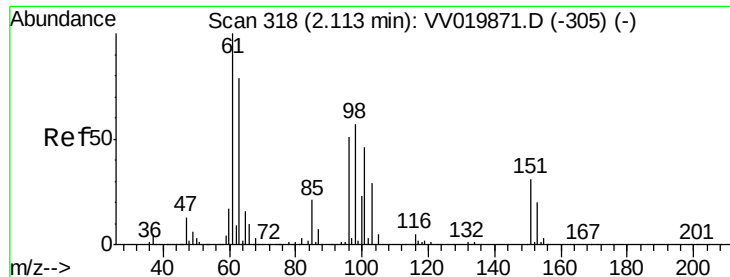
Tot Ion: 64 Resp: 86161
Ion Ratio Lower Upper
64 100
66 31.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.154 ug/L
RT: 1.75 min Scan# 205
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Tgt Ion:101 Resp: 174399
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8





#10

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

Concen: 5.401 ug/L

RT: 2.11 min Scan# 318

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

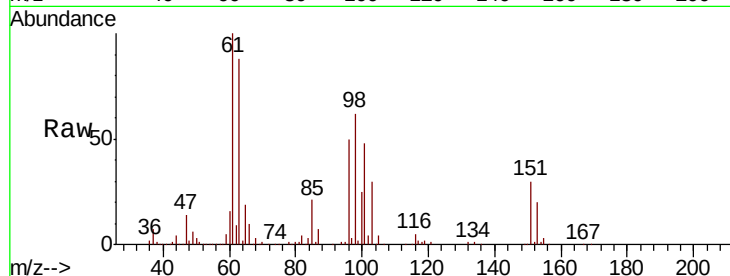
Tot Ion:101 Resp: 98320

Ion Ratio Lower Upper

101 100

85 45.6 36.4 54.6

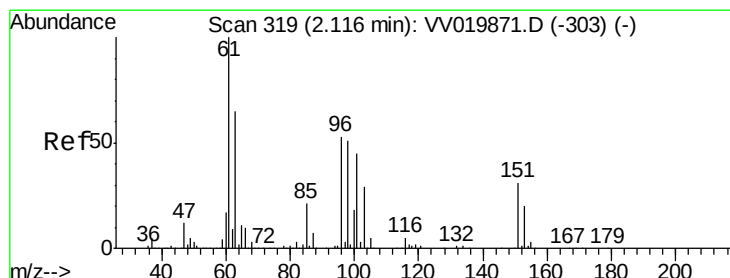
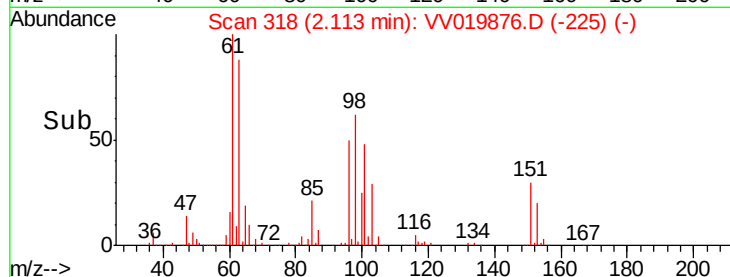
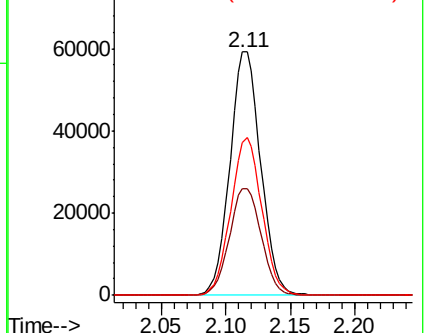
151 65.2 54.1 81.1



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: 5.155 ug/L

RT: 2.12 min Scan# 319

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

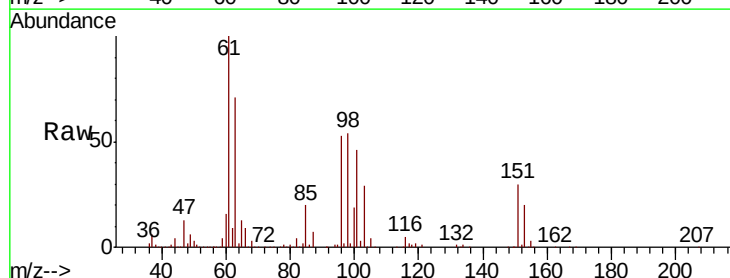
Tgt Ion: 96 Resp: 95904

Ion Ratio Lower Upper

96 100

61 190.0 131.5 244.1

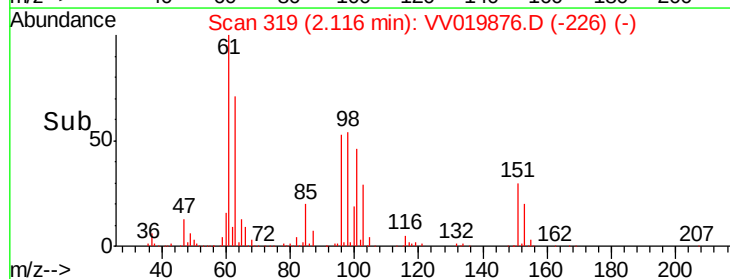
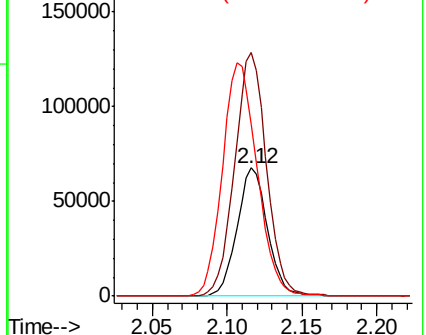
63 134.1 95.2 176.8

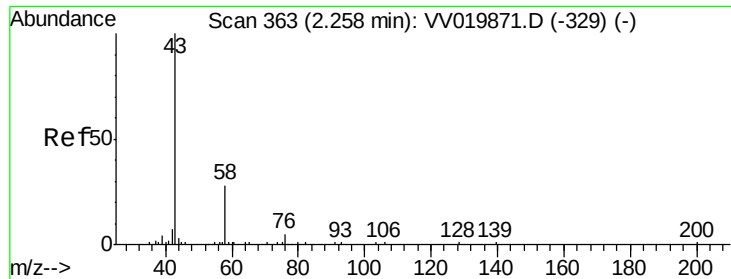


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 50.531 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.00 min

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MSVOA_V

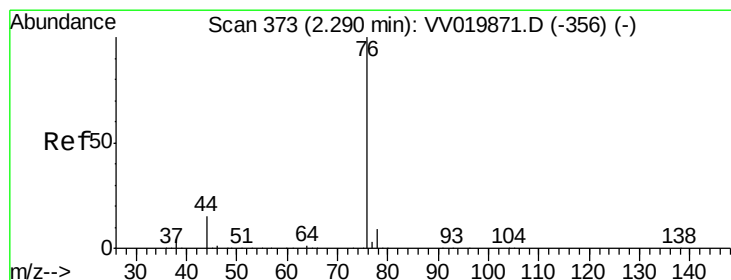
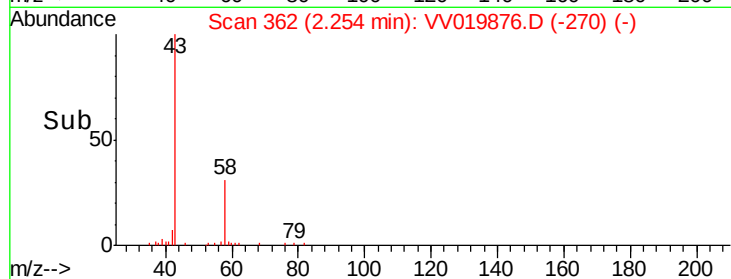
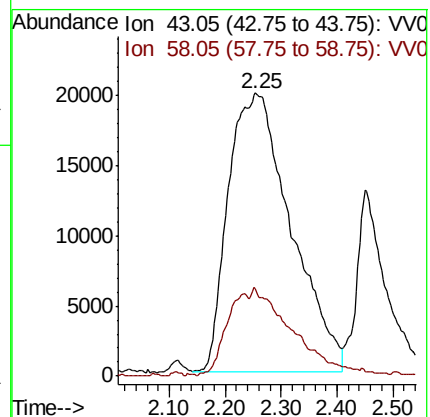
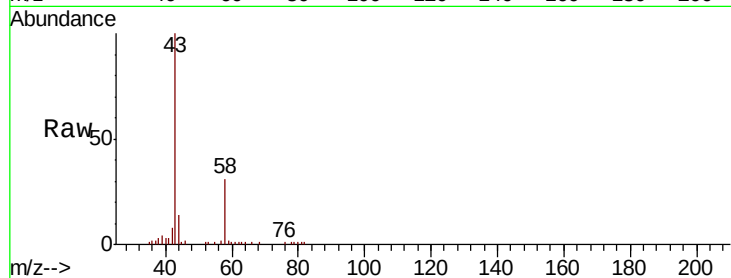
ClientSampleId :

Tot Ion: 43 Resp: 154444

Ion Ratio Lower Upper

43 100

58 15.7 0.0 31.4



#14

Carbon disulfide

Concen: 4.912 ug/L

RT: 2.29 min Scan# 373

Delta R.T. 0.00 min

Lab File: VV019876.D

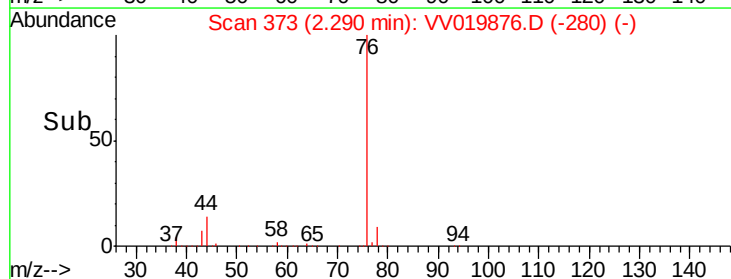
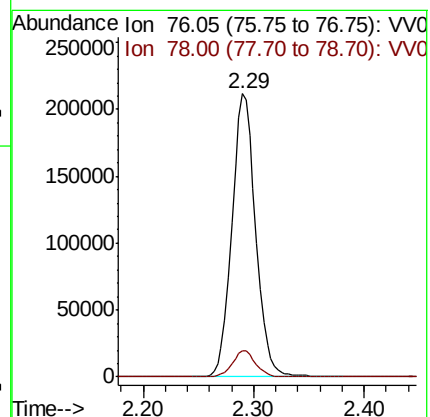
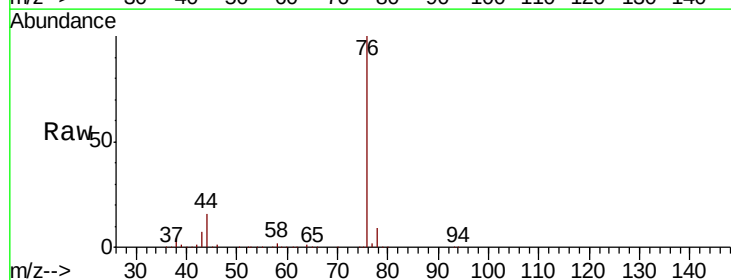
Acq: 30 Dec 2020 14:31

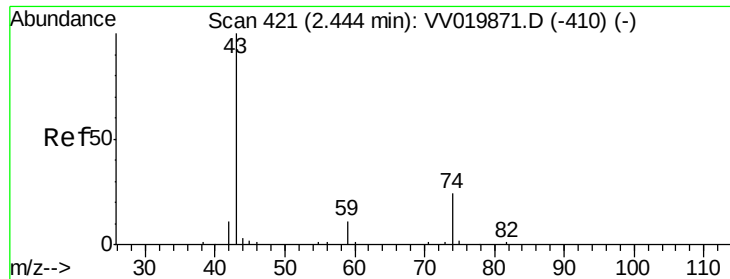
Tgt Ion: 76 Resp: 316399

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

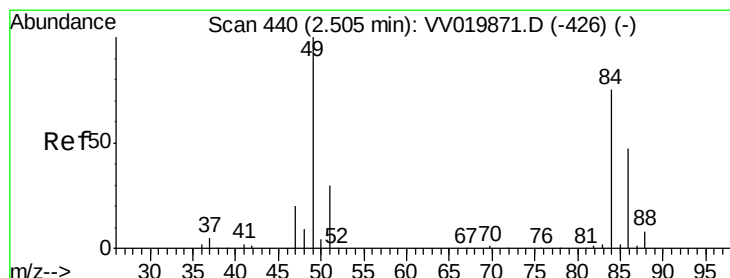
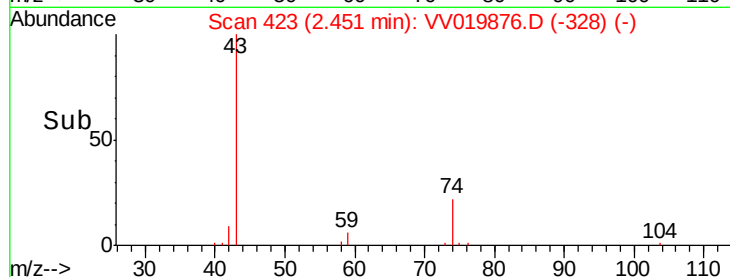
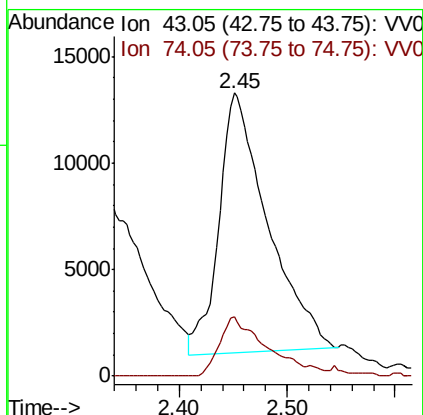
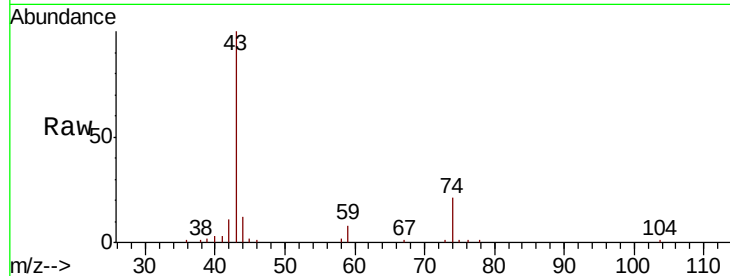




#15
Methvl Acetate
Concen: 5.012 ug/L
RT: 2.45 min Scan# 423
Delta R.T. 0.01 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

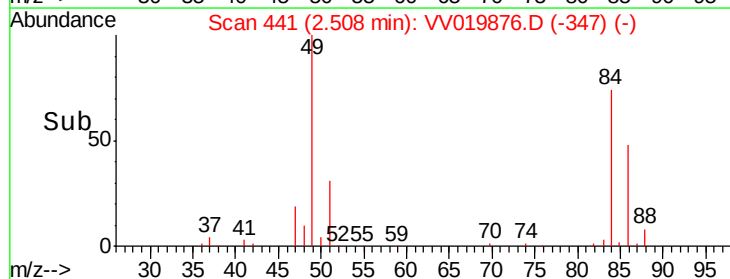
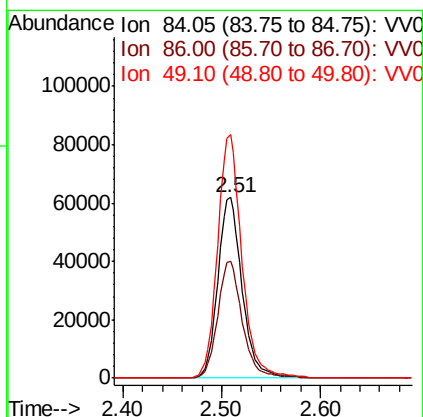
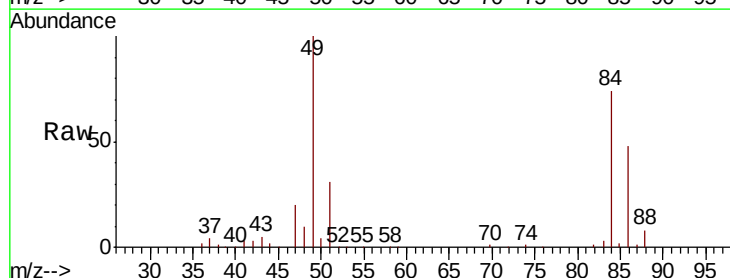
Instrument :
MSVOA_V
ClientSampled :

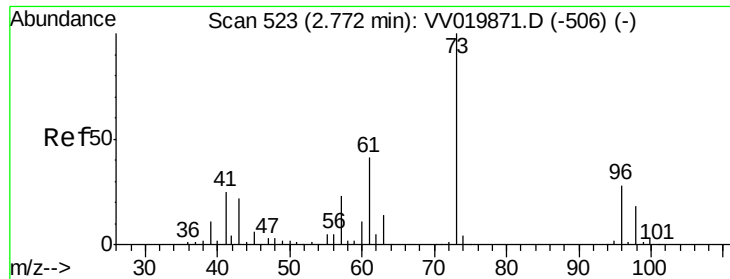
Tot Ion: 43 Resp: 38261
Ion Ratio Lower Upper
43 100
74 22.6 10.6 16.0#



#16
Methylene chloride
Concen: 4.735 ug/L
RT: 2.51 min Scan# 441
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Tgt Ion: 84 Resp: 107244
Ion Ratio Lower Upper
84 100
86 65.0 42.8 79.4
49 134.8 93.9 174.3

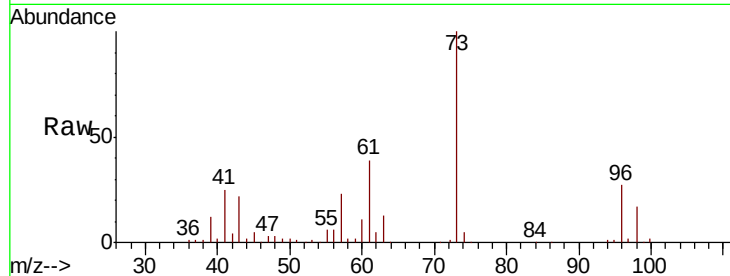




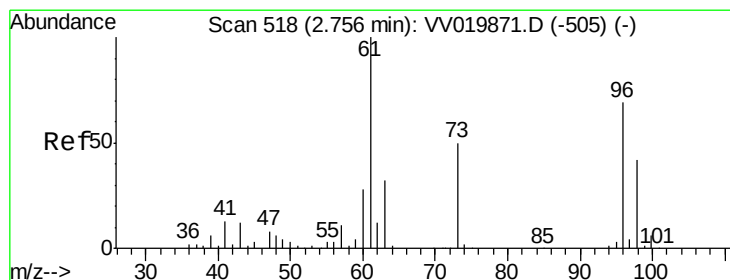
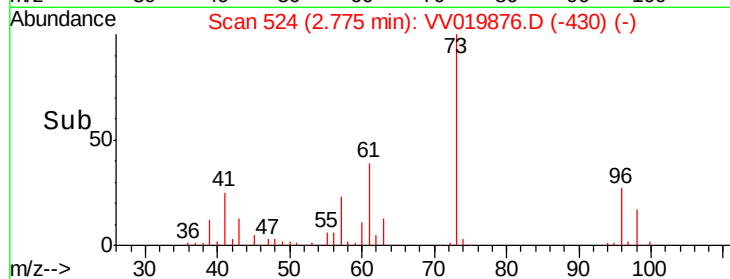
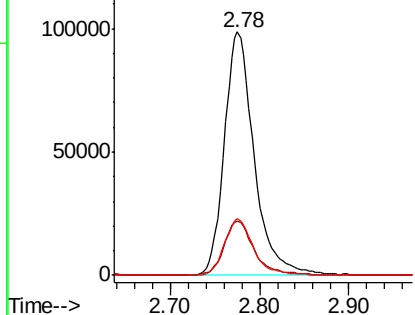
#17
Methyl tert-butyl Ether
Concen: 4.907 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 73 Resp: 228289
Ion Ratio Lower Upper
73 100
43 22.4 17.0 25.6
57 22.9 18.2 27.4

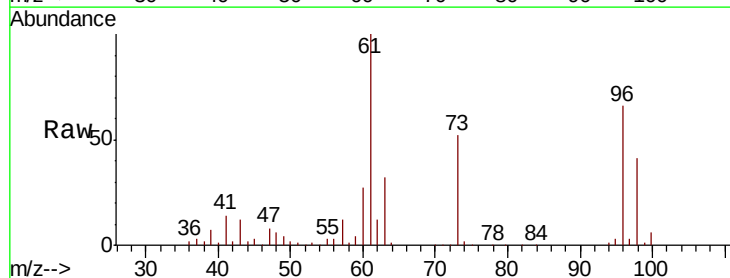


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

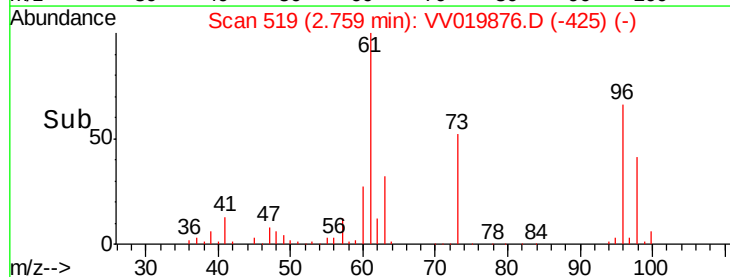
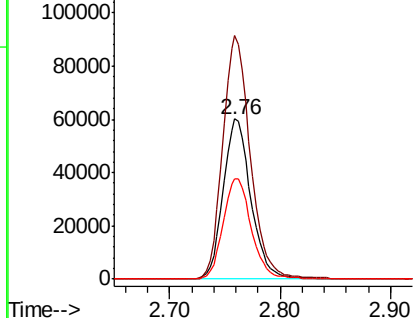


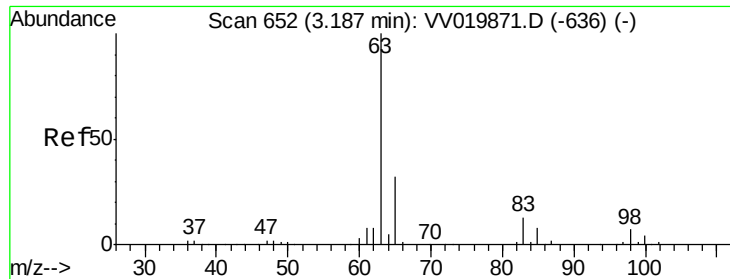
#18
trans-1,2-Dichloroethene
Concen: 5.010 ug/L
RT: 2.76 min Scan# 519
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Tgt Ion: 96 Resp: 105248
Ion Ratio Lower Upper
96 100
61 152.3 106.3 197.3
98 63.1 44.7 82.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

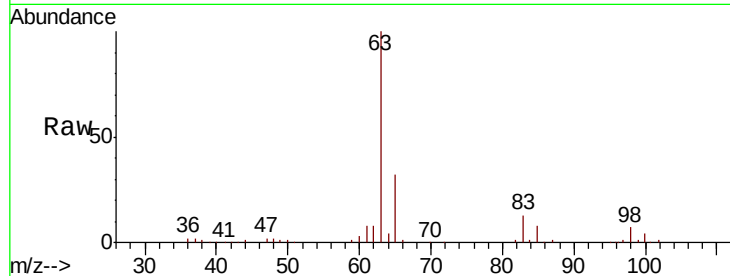




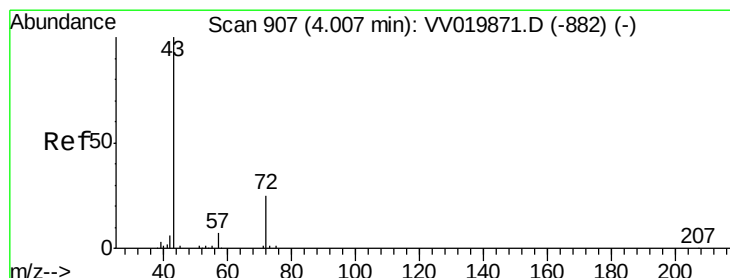
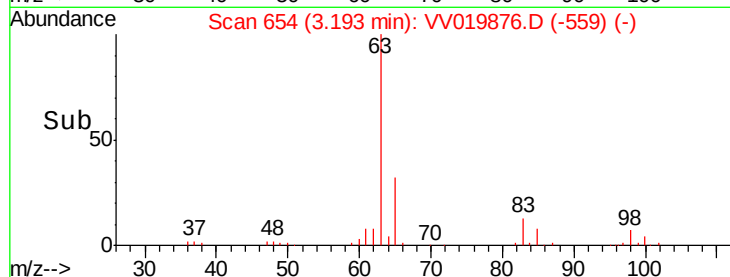
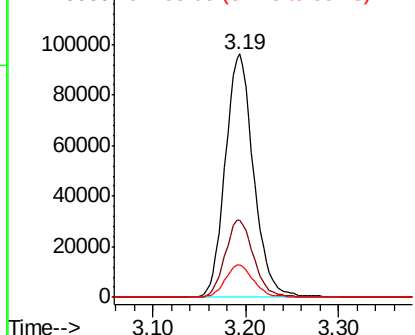
#19
 1,1-Dichloroethane
 Concen: 5.028 ug/L
 RT: 3.19 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 204477
 Ion Ratio Lower Upper
 63 100
 65 31.9 21.8 40.6
 83 13.4 9.0 16.8

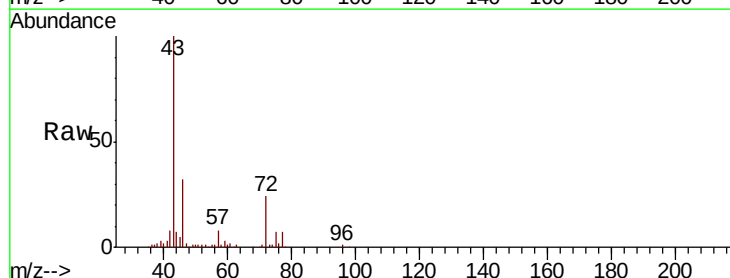


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

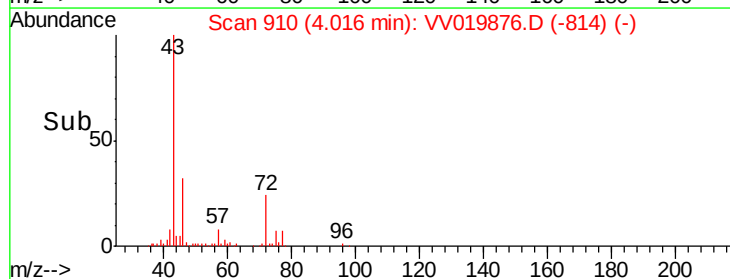
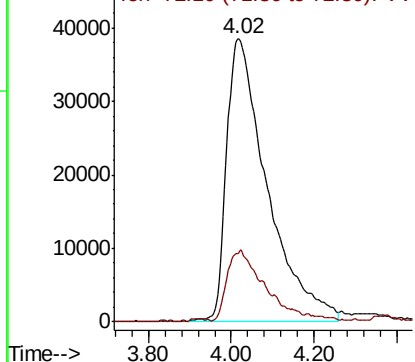


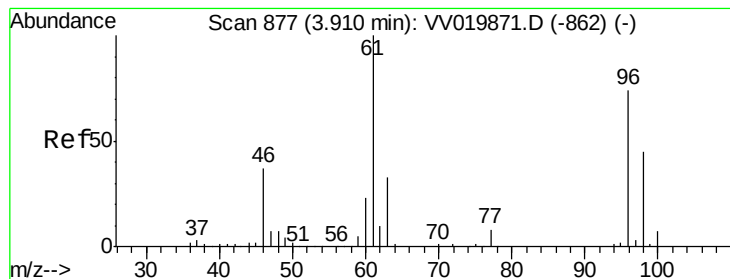
#21
 2-Butanone
 Concen: 50.577 ug/L
 RT: 4.02 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Tgt Ion: 43 Resp: 260077
 Ion Ratio Lower Upper
 43 100
 72 22.5 10.9 32.7



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 72.10 (71.80 to 72.80): VV0





#22

cis-1,2-Dichloroethene

Concen: 4.904 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.01 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :
MSVOA_V
ClientSampled :

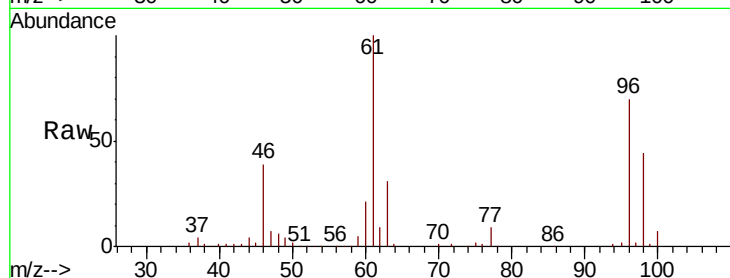
Tot Ion: 96 Resp: 107122

Ion Ratio Lower Upper

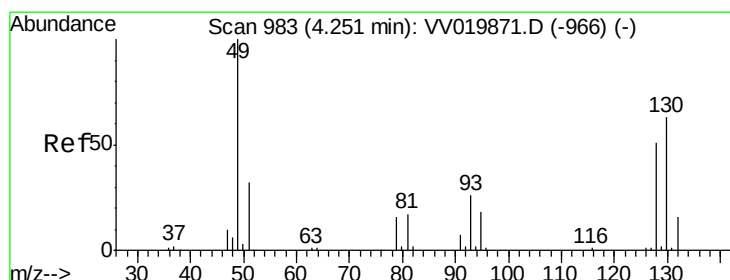
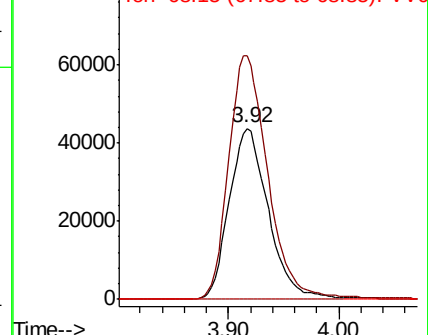
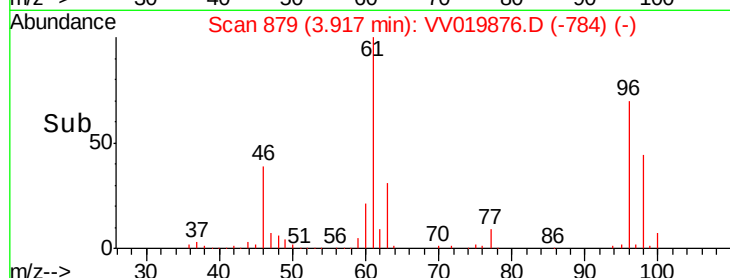
96 100

61 142.7 98.1 182.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV019876.D (-874) (-)



#23

Bromochloromethane

Concen: 5.042 ug/L

RT: 4.25 min Scan# 984

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Tgt Ion:128 Resp: 43902

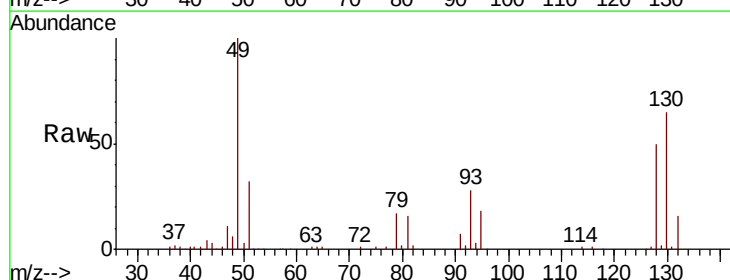
Ion Ratio Lower Upper

128 100

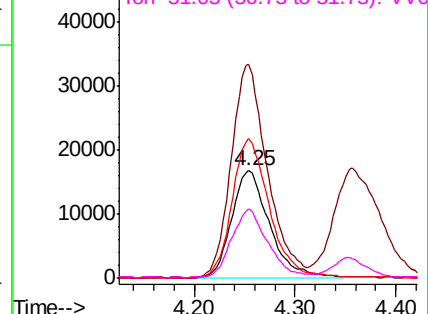
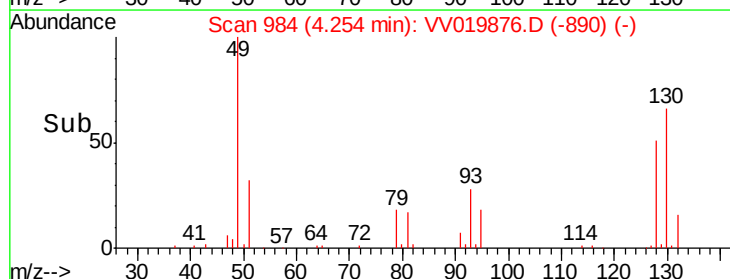
49 199.2 132.6 246.2

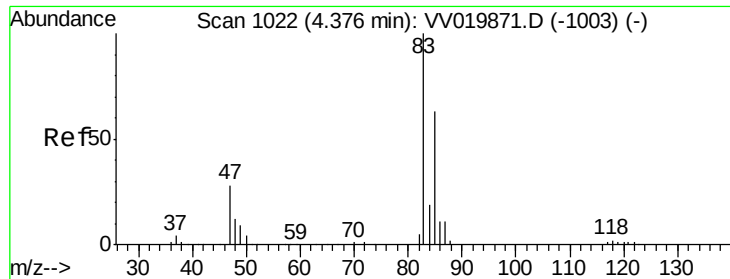
130 129.6 86.4 160.4

51 64.2 48.0 72.0



Abundance Ion 127.90 (127.60 to 128.60): VV019876.D (-890) (-)

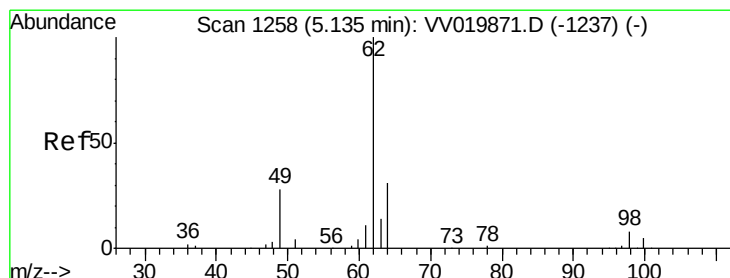
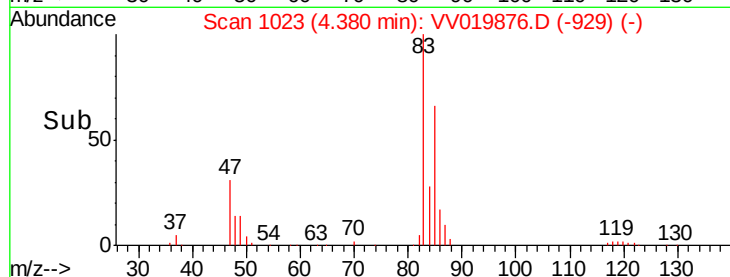
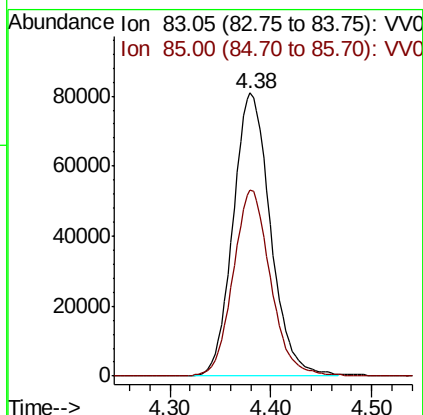
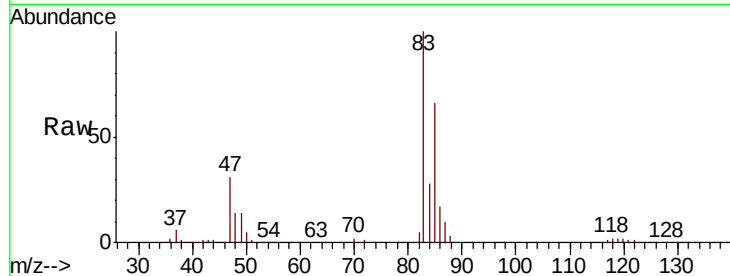




#25
Chloroform
Concen: 5.146 ug/L
RT: 4.38 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

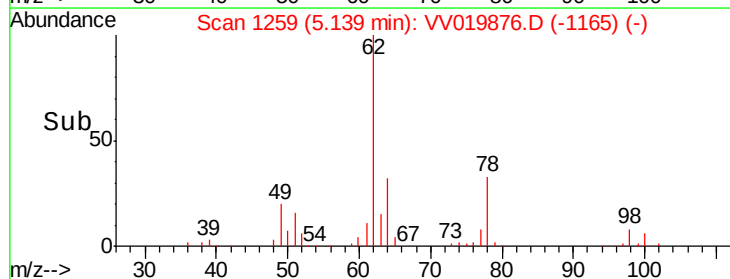
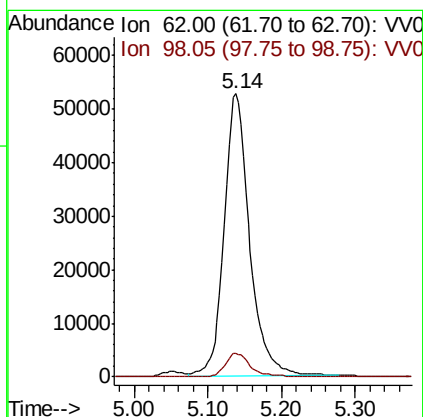
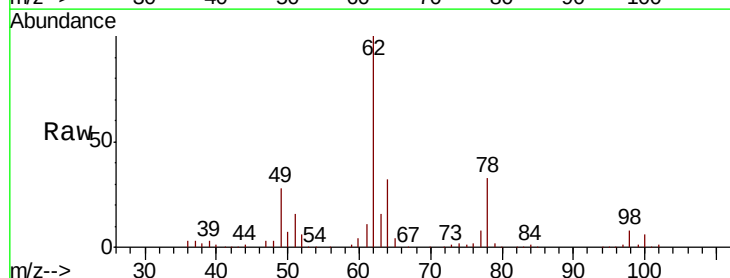
Instrument :
MSVOA_V
ClientSampleId :

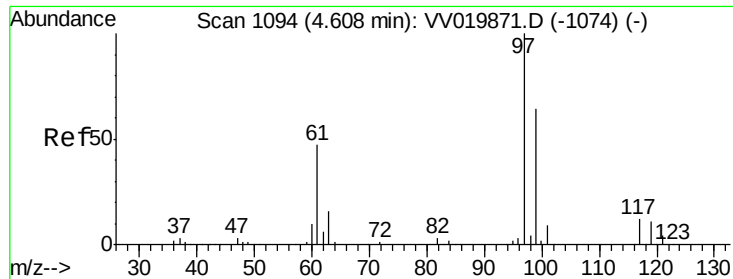
Tot Ion: 83 Resp: 208204
Ion Ratio Lower Upper
83 100
85 65.9 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.165 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Tgt Ion: 62 Resp: 127304
Ion Ratio Lower Upper
62 100
98 8.3 7.6 11.4

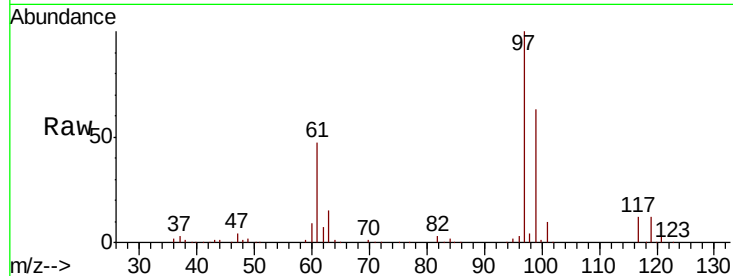




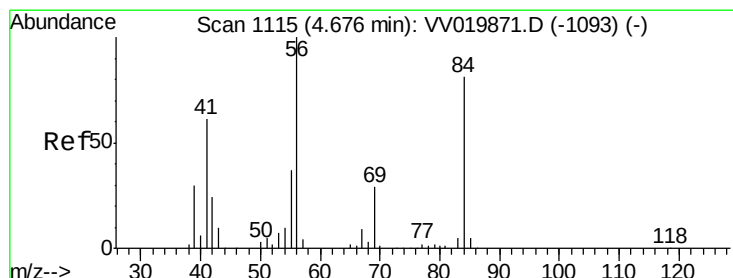
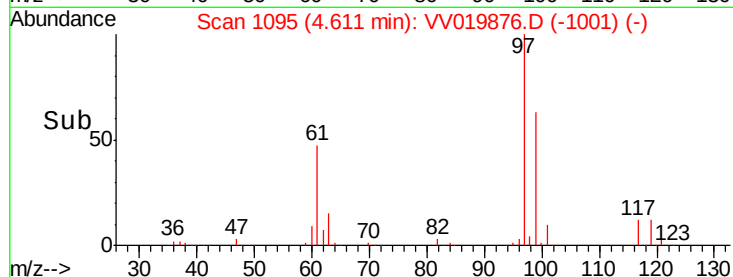
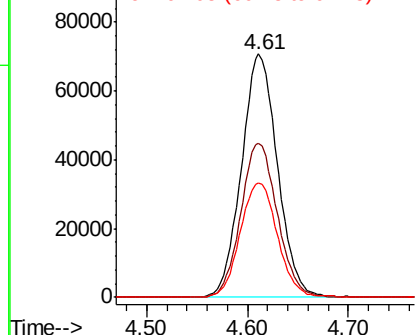
#29
 1,1,1-Trichloroethane
 Concen: 4.981 ug/L
 RT: 4.61 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 97 Resp: 175178
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.1 76.7
 61 49.0 38.6 57.8

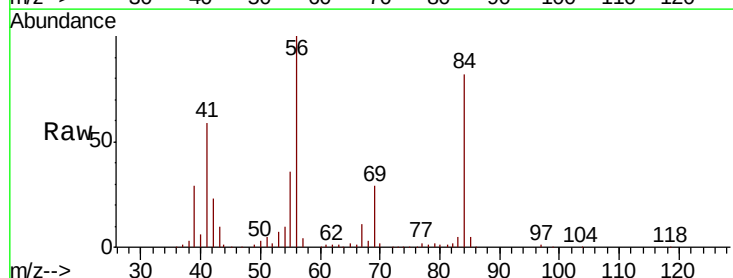


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

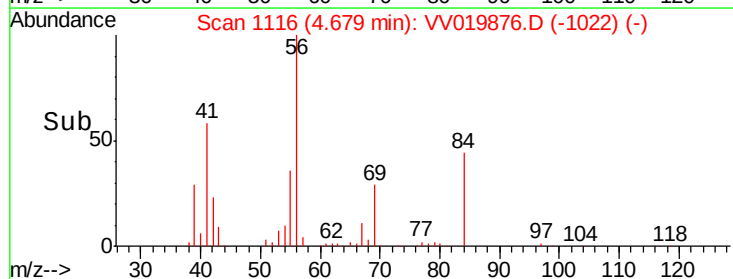
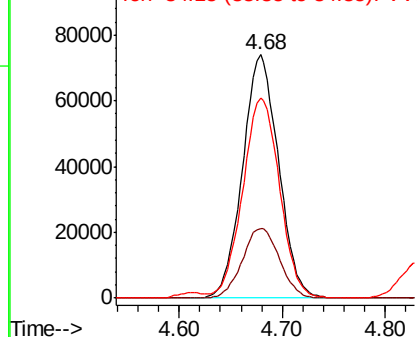


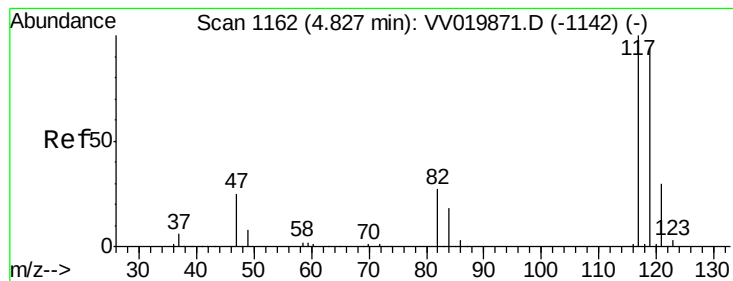
#30
 Cyclohexane
 Concen: 5.065 ug/L
 RT: 4.68 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Tgt Ion: 56 Resp: 179228
 Ion Ratio Lower Upper
 56 100
 69 29.8 24.1 36.1
 84 84.0 66.8 100.2



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.010 ug/L

RT: 4.83 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

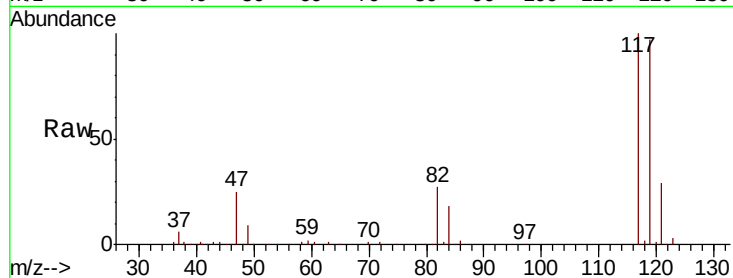
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 143914

Ion Ratio Lower Upper

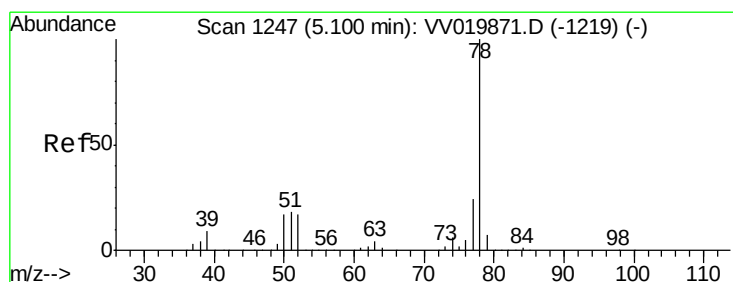
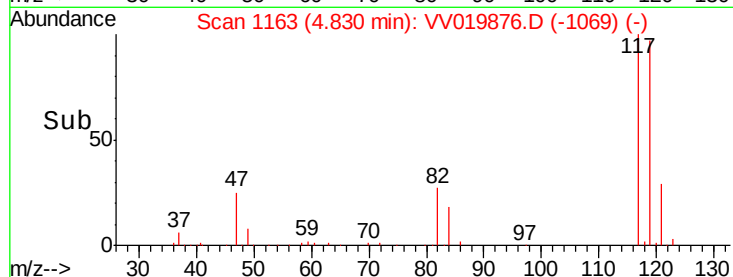
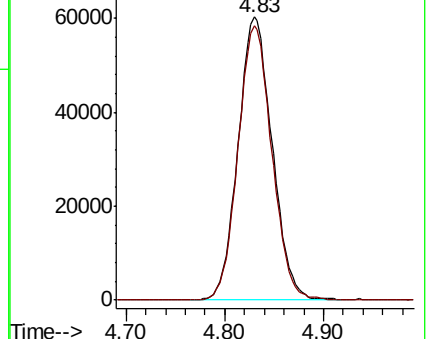
117 100

119 96.0 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.947 ug/L

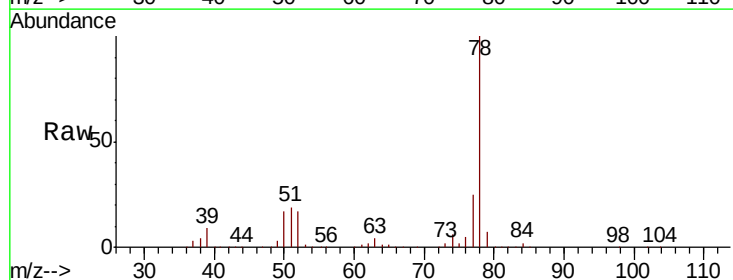
RT: 5.10 min Scan# 1248

Delta R.T. 0.00 min

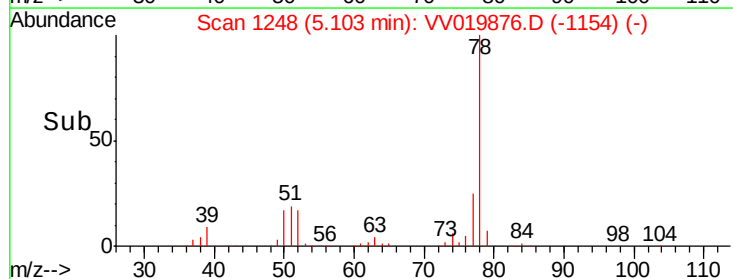
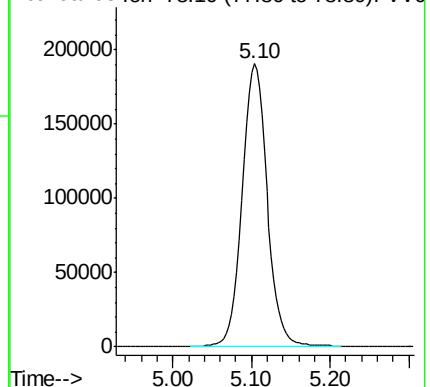
Lab File: VV019876.D

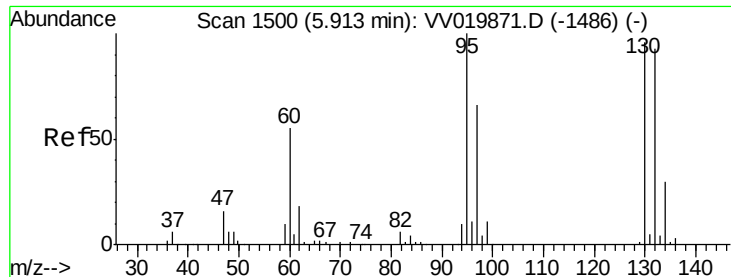
Acq: 30 Dec 2020 14:31

Tgt Ion: 78 Resp: 427163



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.948 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 114136

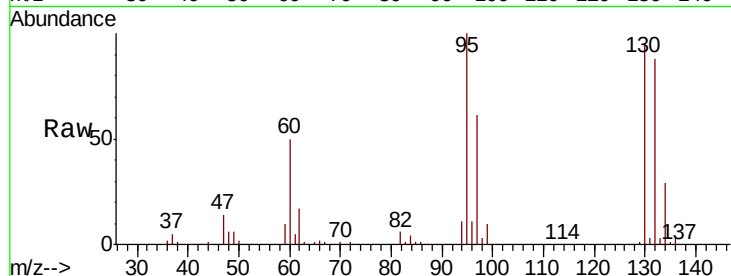
Ion Ratio Lower Upper

95 100

97 61.2 44.1 81.9

132 88.1 61.2 113.8

130 95.3 65.1 120.9

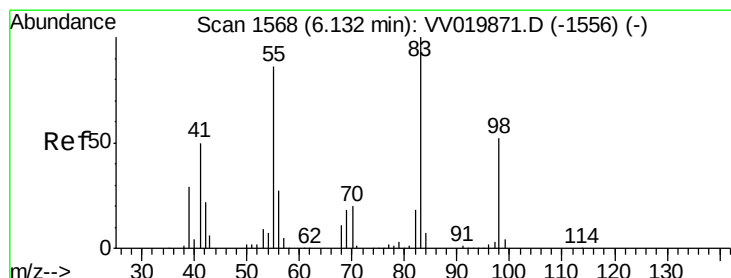
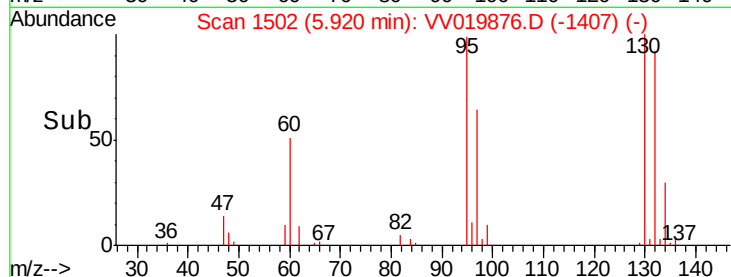
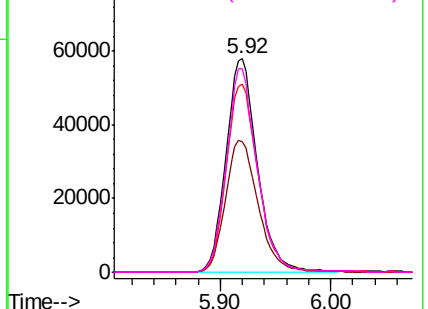


Abundance Ion 95.00 (94.70 to 95.70): VV019876.D (-1486) (-)

Ion 96.95 (96.65 to 97.65): VV019876.D (-1486) (-)

Ion 131.95 (131.65 to 132.65): VV019876.D (-1486) (-)

Ion 129.95 (129.65 to 130.65): VV019876.D (-1486) (-)



#35

Methylcyclohexane

Concen: 5.050 ug/L

RT: 6.13 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

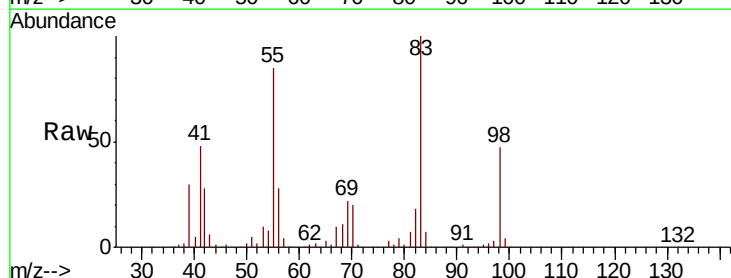
Tgt Ion: 83 Resp: 174266

Ion Ratio Lower Upper

83 100

55 83.5 67.5 101.3

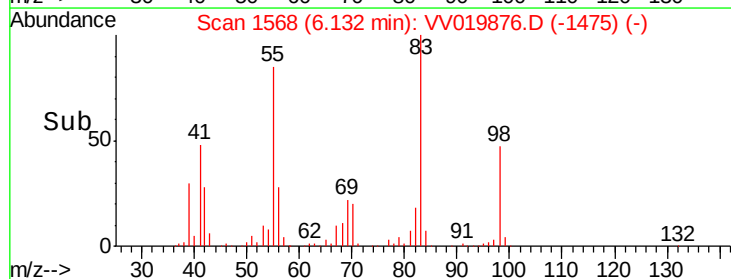
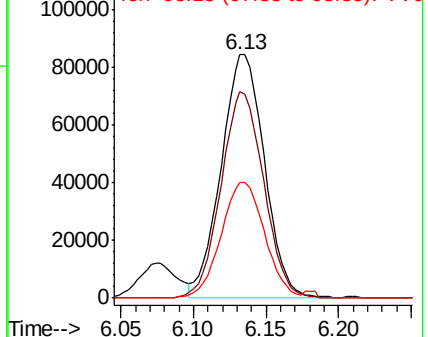
98 47.2 38.6 58.0

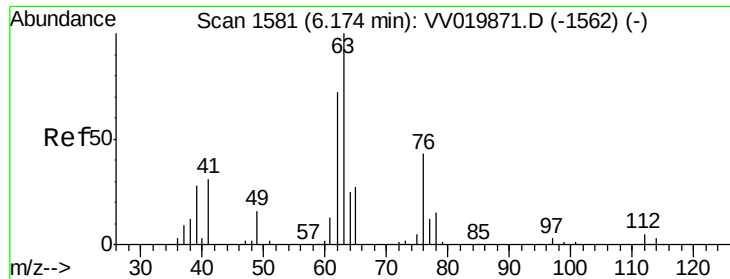


Abundance Ion 83.15 (82.85 to 83.85): VV019876.D (-1475) (-)

Ion 55.10 (54.80 to 55.80): VV019876.D (-1475) (-)

Ion 98.15 (97.85 to 98.85): VV019876.D (-1475) (-)

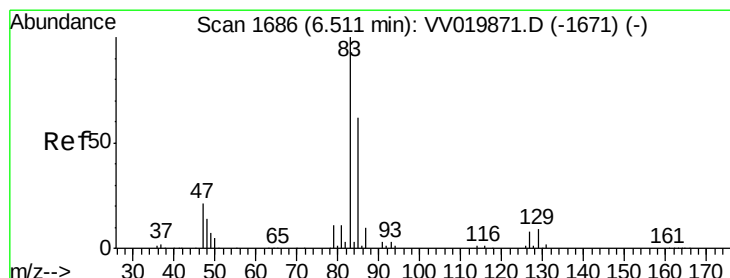
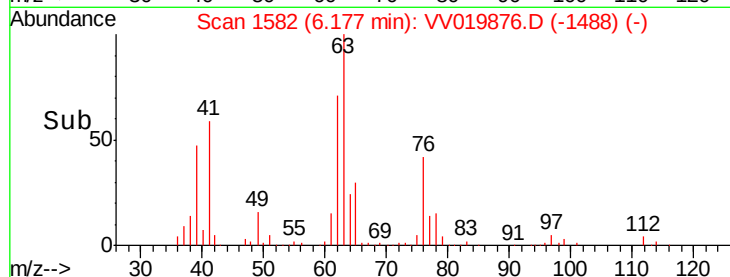
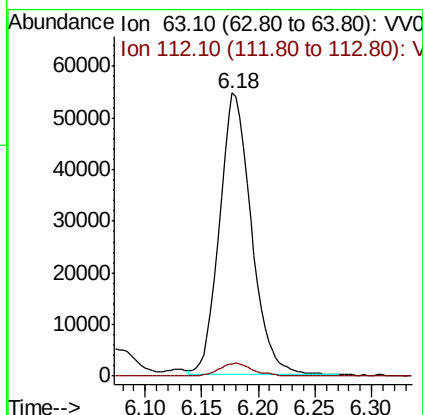
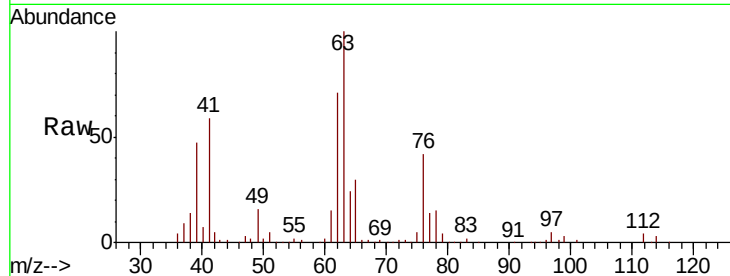




#37
 1,2-Dichloropropane
 Concen: 4.947 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

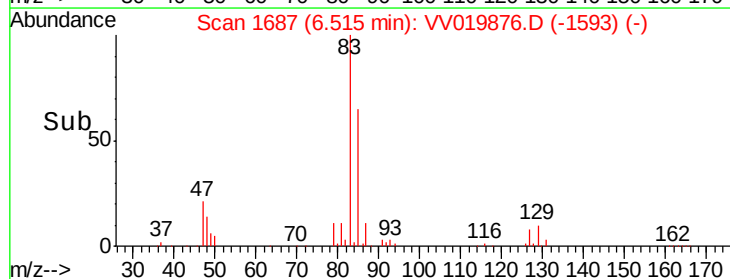
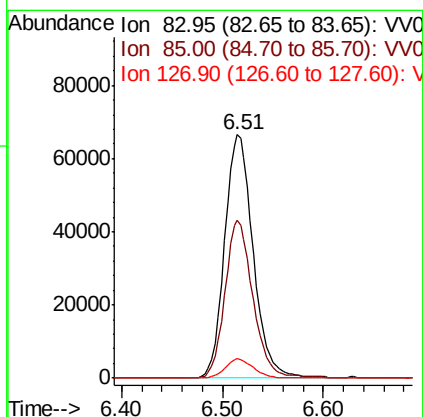
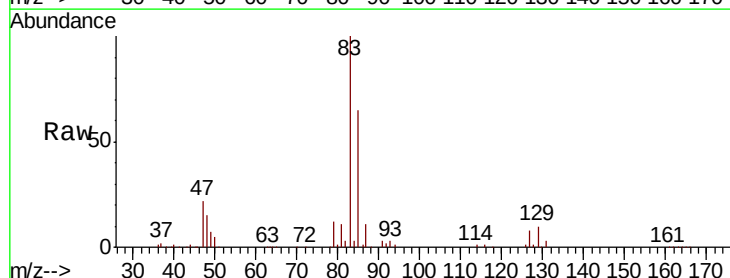
Instrument :
 MSVOA_V
 ClientSampleId :

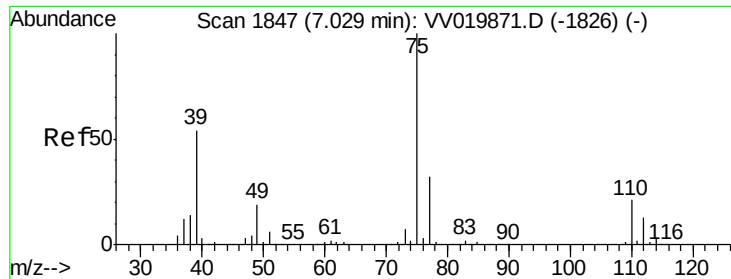
Tot Ion: 63 Resp: 107099
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.6 5.4



#38
 Bromodichloromethane
 Concen: 4.922 ug/L
 RT: 6.51 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Tgt Ion: 83 Resp: 131431
 Ion Ratio Lower Upper
 83 100
 85 64.8 45.9 85.3
 127 8.0 6.2 9.2

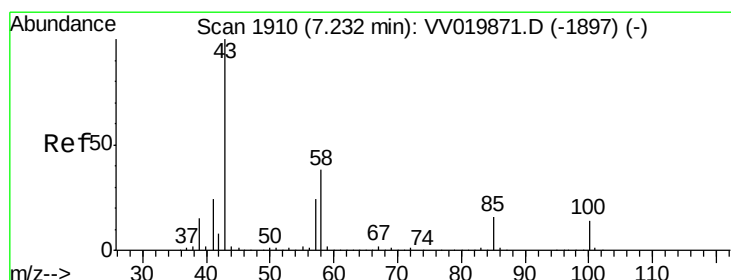
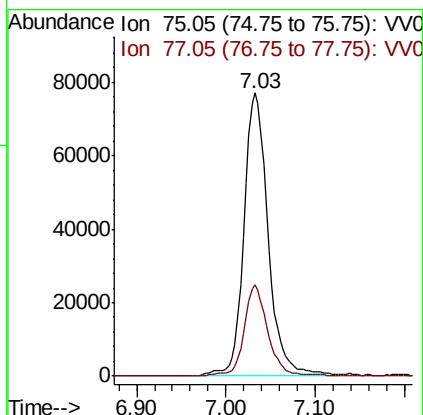
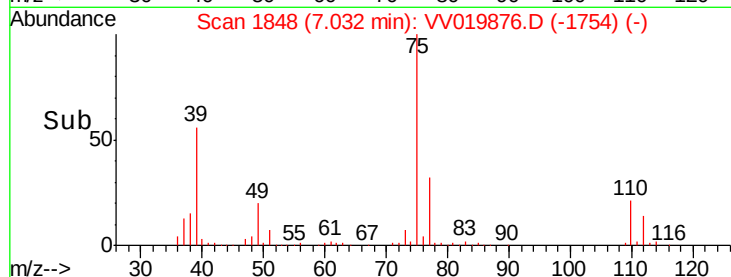
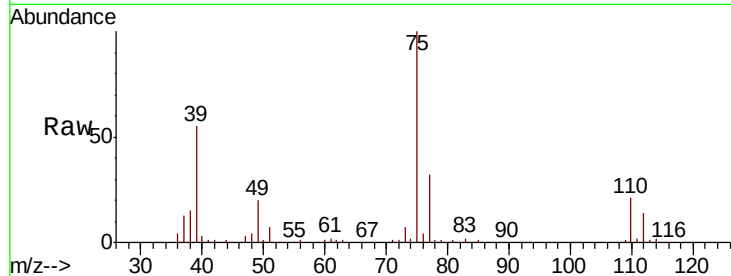




#39
 cis-1,3-Dichloropropene
 Concen: 4.924 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

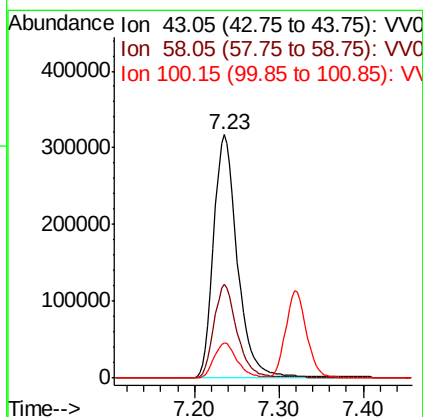
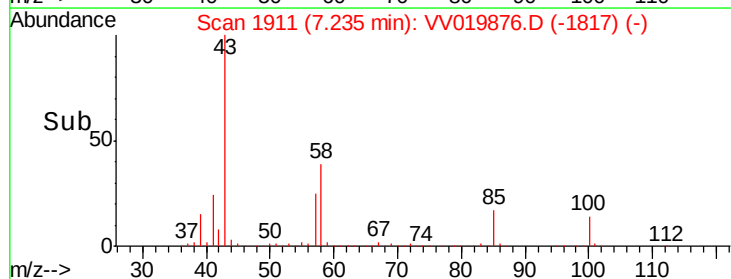
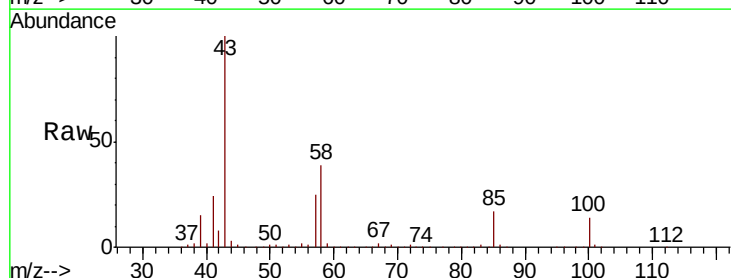
Instrument :
 MSVOA_V
 ClientSampleId :

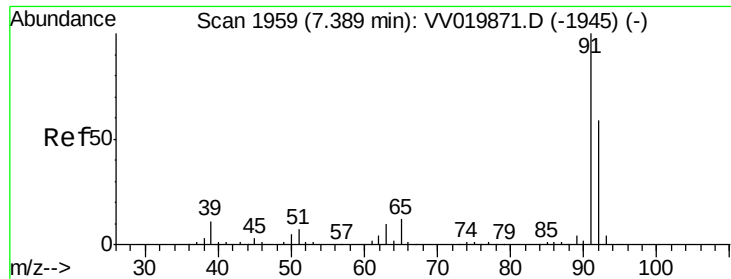
Tot Ion: 75 Resp: 146320
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.0 39.0



#40
 4-Methyl-2-pentanone
 Concen: 51.005 ug/L
 RT: 7.23 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Tgt Ion: 43 Resp: 623633
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.0 45.0
 100 14.0 11.4 17.0





#42

Toluene

Concen: 5.011 ug/L

RT: 7.39 min Scan# 1960

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

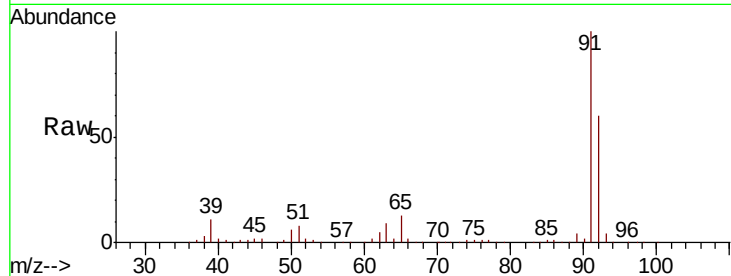
ClientSampleId :

Tot Ion: 91 Resp: 439367

Ion Ratio Lower Upper

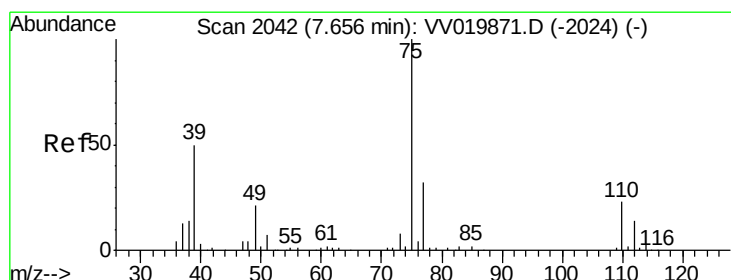
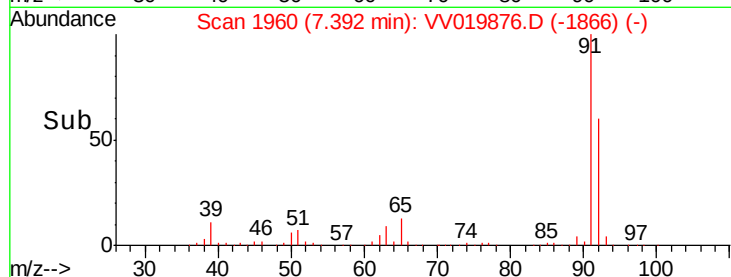
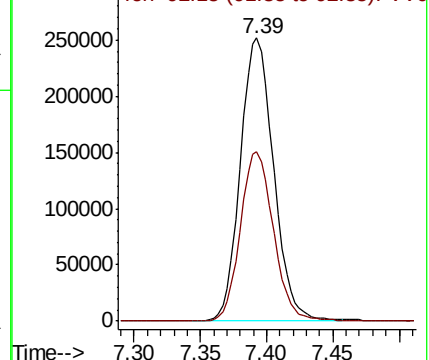
91 100

92 59.7 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 4.916 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. 0.00 min

Lab File: VV019876.D

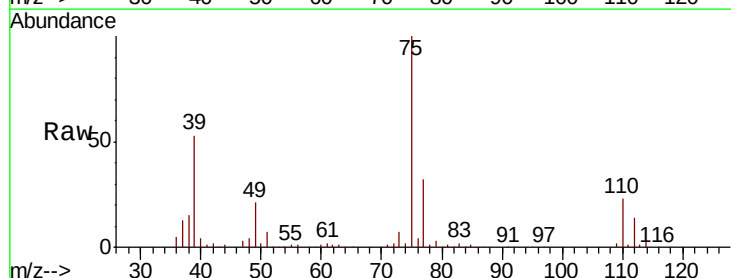
Acq: 30 Dec 2020 14:31

Tgt Ion: 75 Resp: 119657

Ion Ratio Lower Upper

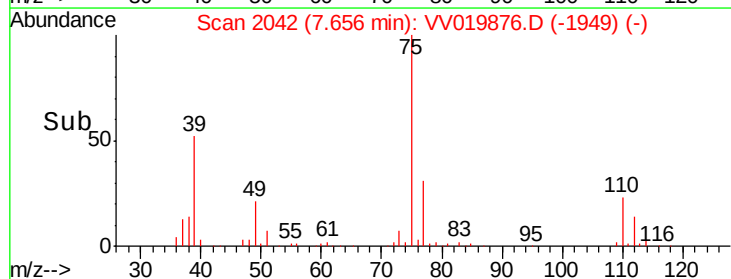
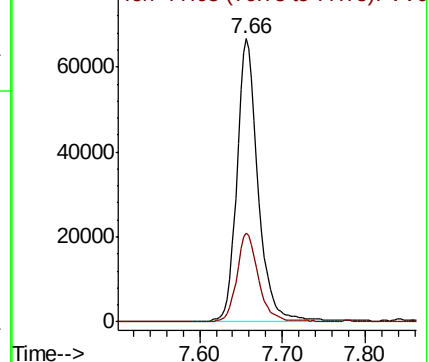
75 100

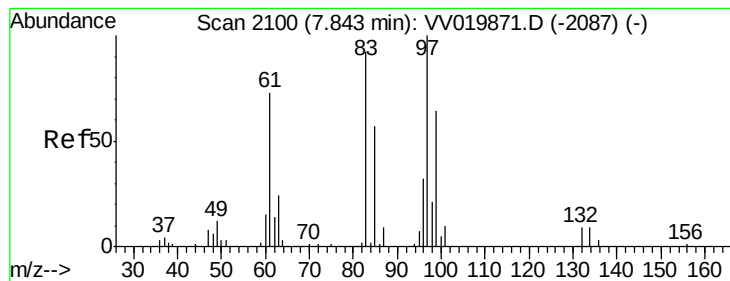
77 31.5 21.1 39.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#45

1,1,2-Trichloroethane

Concen: 4.911 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 97 Resp: 68764

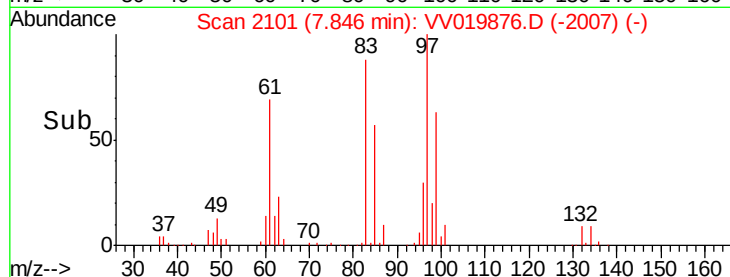
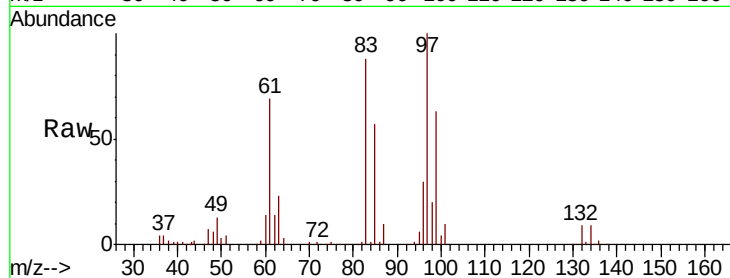
Ion Ratio Lower Upper

97 100

99 63.2 42.4 78.8

83 87.9 59.4 110.4

85 56.8 39.5 73.3

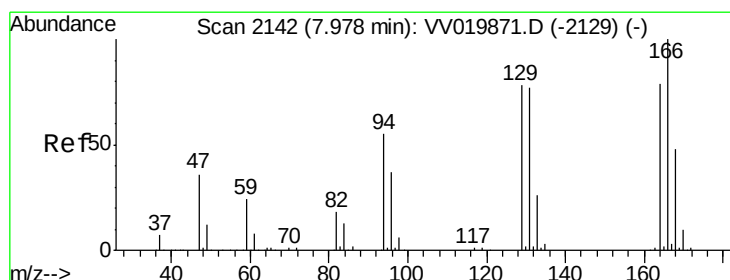
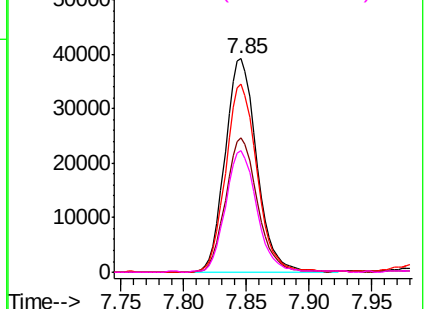


Abundance Ion 96.95 (96.65 to 97.65): VV019876.D (-2007) (-)

Ion 99.05 (98.75 to 99.75): VV019876.D (-2007) (-)

Ion 82.95 (82.65 to 83.65): VV019876.D (-2007) (-)

Ion 85.00 (84.70 to 85.70): VV019876.D (-2007) (-)



#47

Tetrachloroethene

Concen: 4.852 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Tgt Ion:164 Resp: 76029

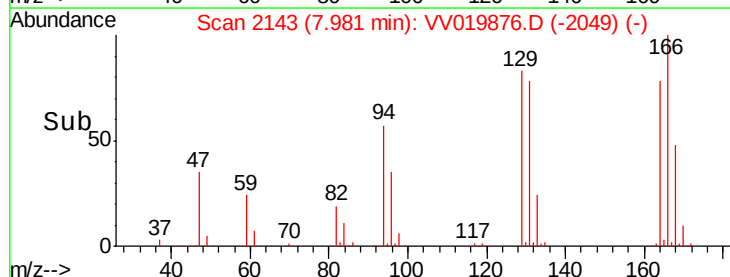
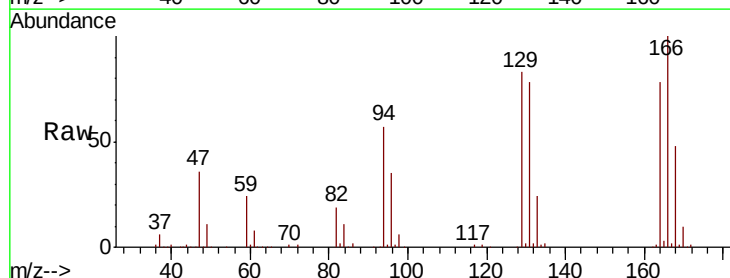
Ion Ratio Lower Upper

164 100

129 106.0 72.1 133.9

131 100.5 68.9 127.9

166 128.4 88.5 164.4

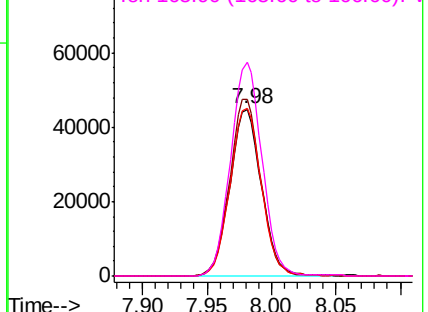


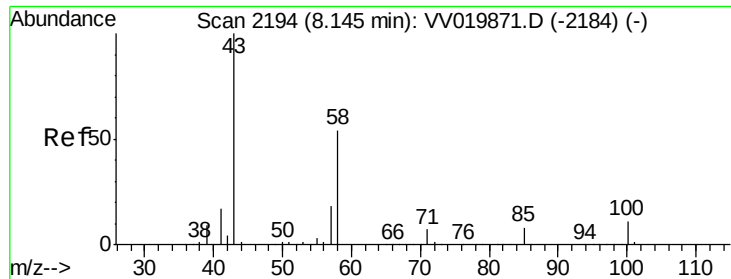
Abundance Ion 163.90 (163.60 to 164.60): VV019876.D (-2049) (-)

Ion 128.95 (128.65 to 129.65): VV019876.D (-2049) (-)

Ion 130.95 (130.65 to 131.65): VV019876.D (-2049) (-)

Ion 165.90 (165.60 to 166.60): VV019876.D (-2049) (-)

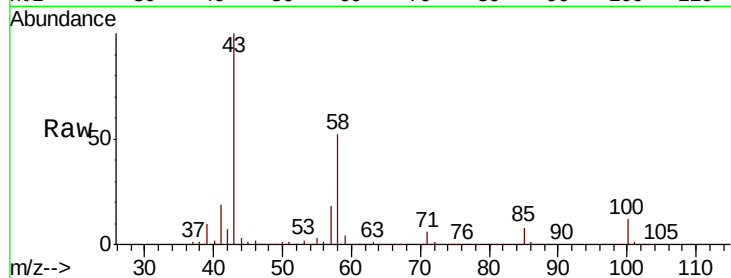




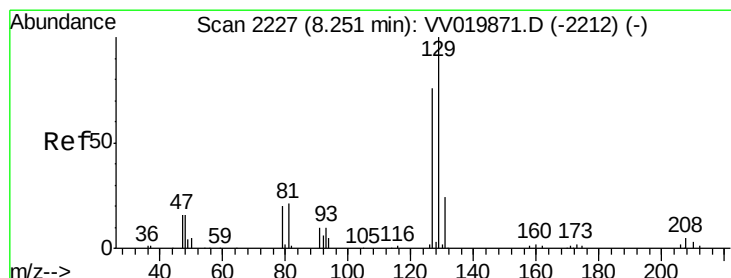
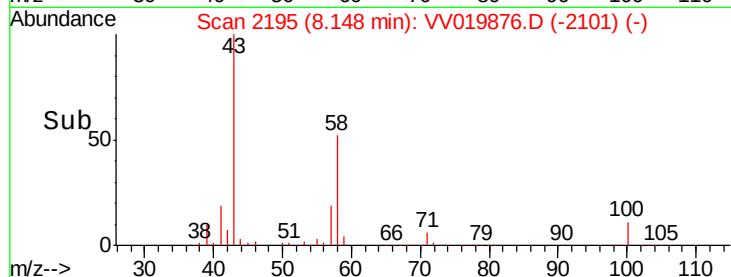
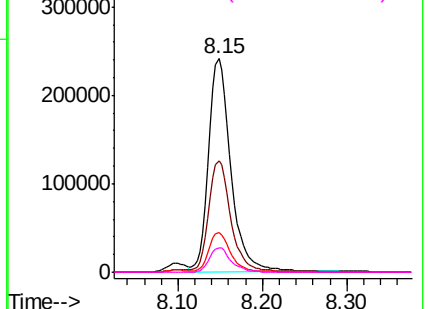
#48
2-Hexanone
Concen: 52.271 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 442996
Ion Ratio Lower Upper
43 100
58 51.5 42.4 63.6
57 17.9 14.8 22.2
100 11.2 9.1 13.7

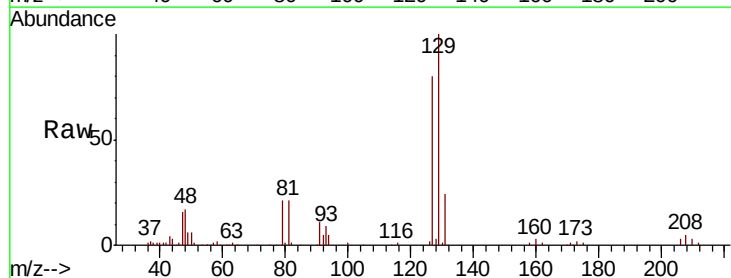


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

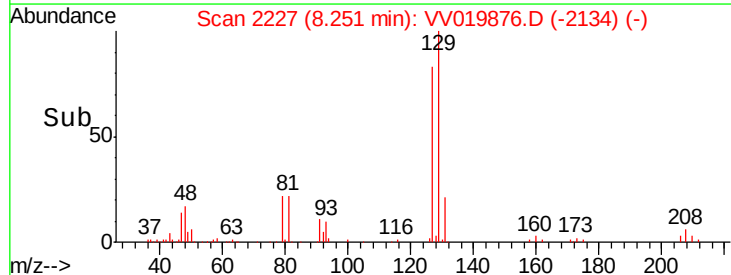
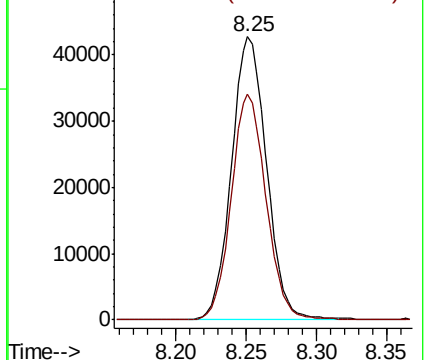


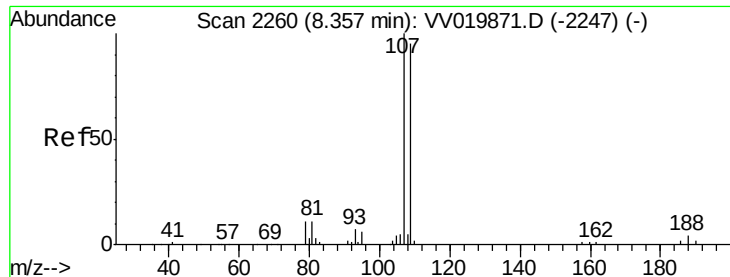
#49
Dibromochloromethane
Concen: 4.910 ug/L
RT: 8.25 min Scan# 2227
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Tgt Ion: 129 Resp: 74371
Ion Ratio Lower Upper
129 100
127 79.8 55.0 102.2



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

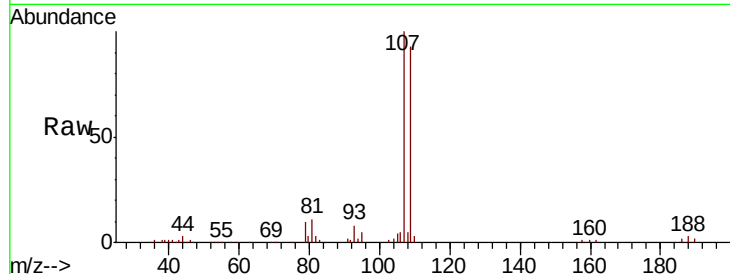




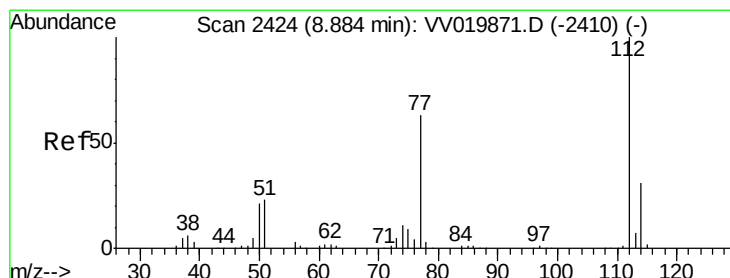
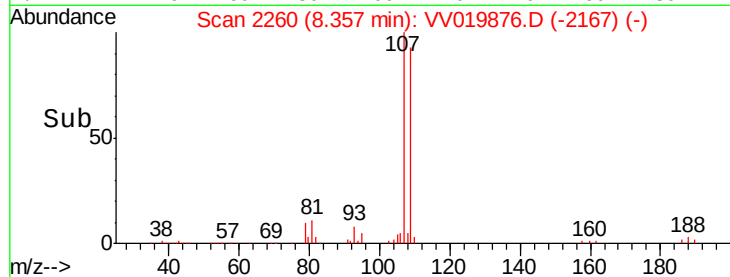
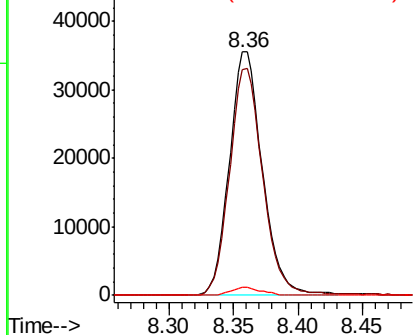
#50
1,2-Dibromoethane
Concen: 4.961 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:107 Resp: 63091
Ion Ratio Lower Upper
107 100
109 92.7 63.8 118.4
188 3.2 2.5 3.7

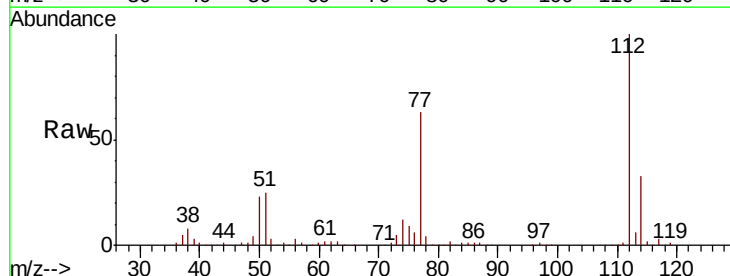


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

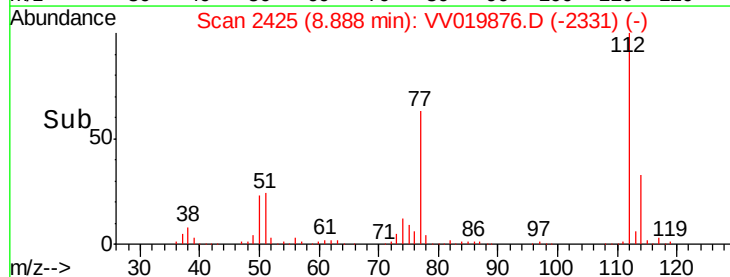
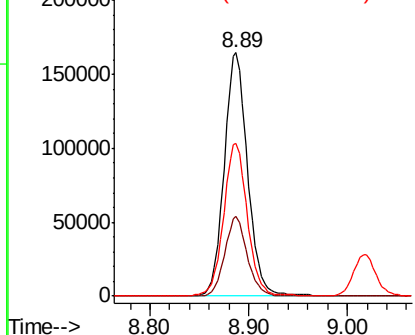


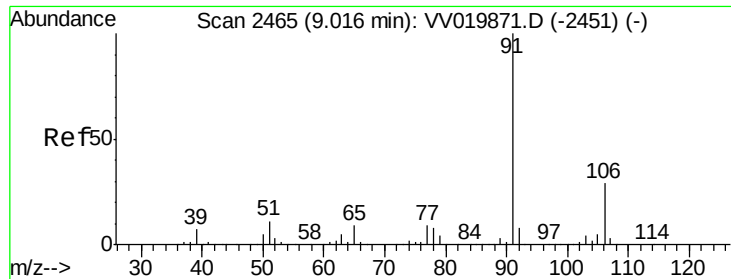
#51
Chlorobenzene
Concen: 4.946 ug/L
RT: 8.89 min Scan# 2425
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Tgt Ion:112 Resp: 274306
Ion Ratio Lower Upper
112 100
114 32.5 21.8 40.6
77 62.8 51.0 76.4



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0





#52

Ethylbenzene

Concen: 5.075 ug/L

RT: 9.02 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

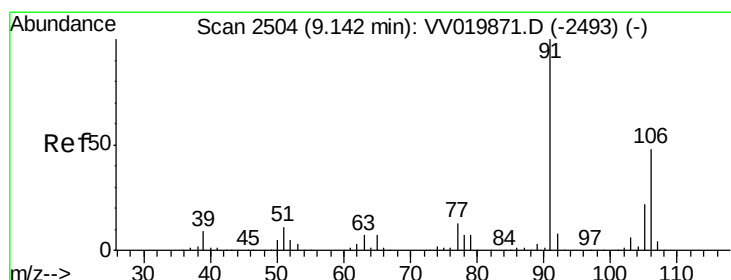
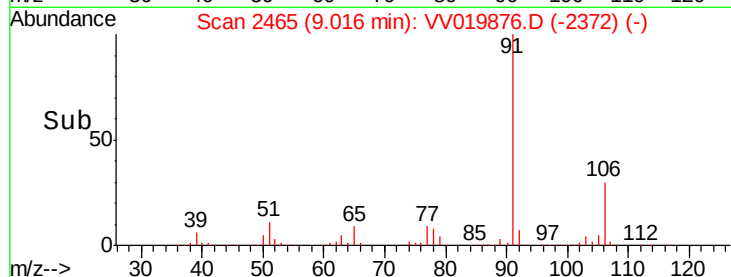
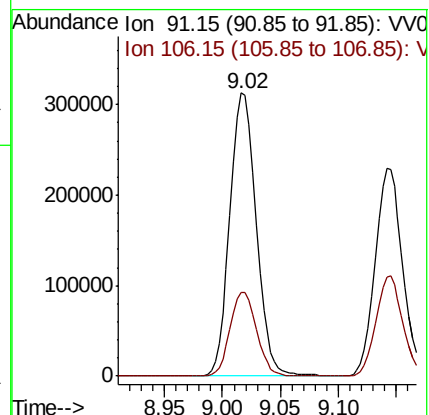
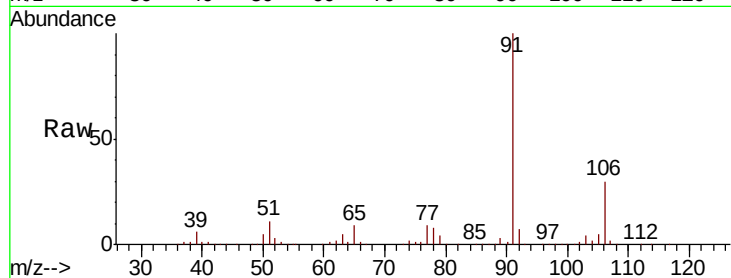
ClientSampleId :

Tot Ion: 91 Resp: 493122

Ion Ratio Lower Upper

91 100

106 29.8 20.9 38.7



#53

m,p-xylene

Concen: 5.036 ug/L

RT: 9.14 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VV019876.D

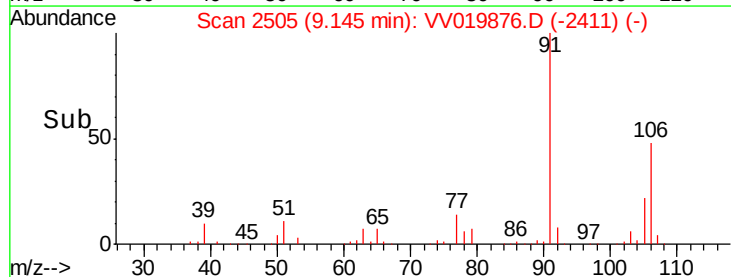
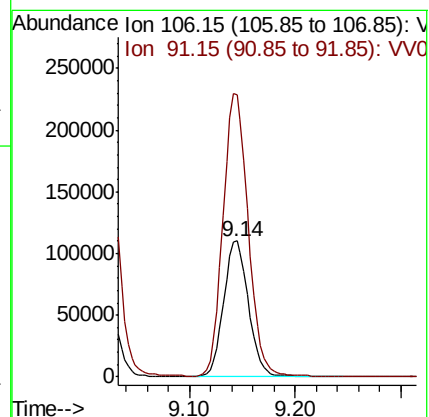
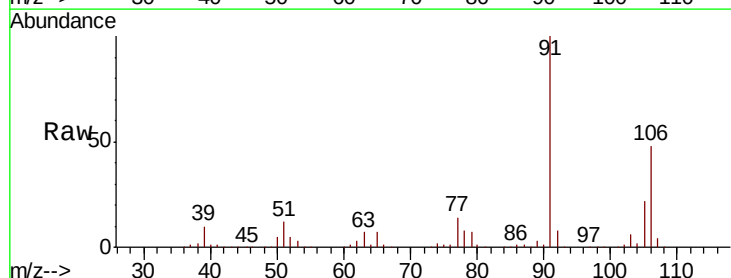
Acq: 30 Dec 2020 14:31

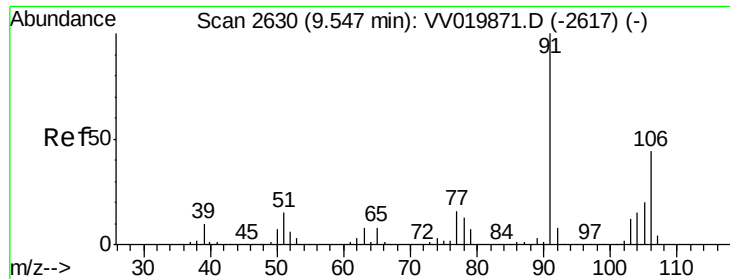
Tgt Ion: 106 Resp: 178840

Ion Ratio Lower Upper

106 100

91 207.6 147.1 273.1

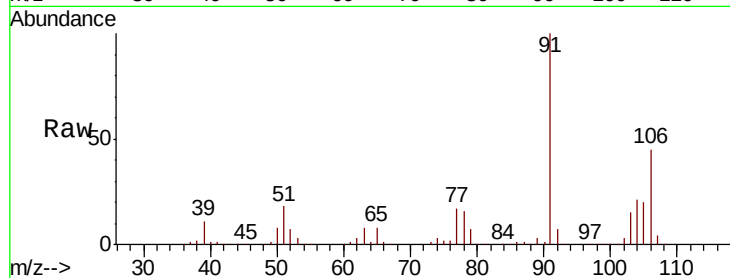




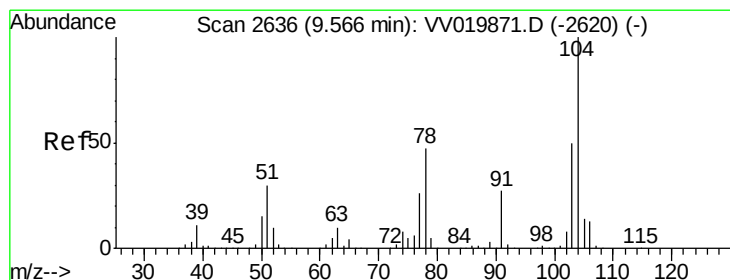
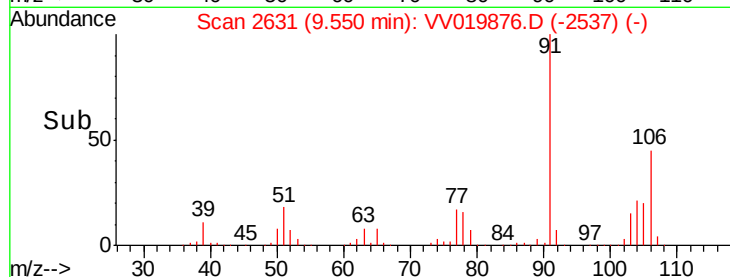
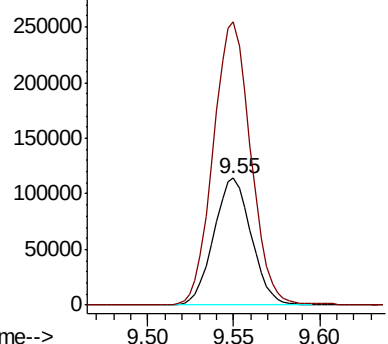
#54
o-xylene
Concen: 5.082 ug/L
RT: 9.55 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 173024
Ion Ratio Lower Upper
106 100
91 223.3 155.8 289.3

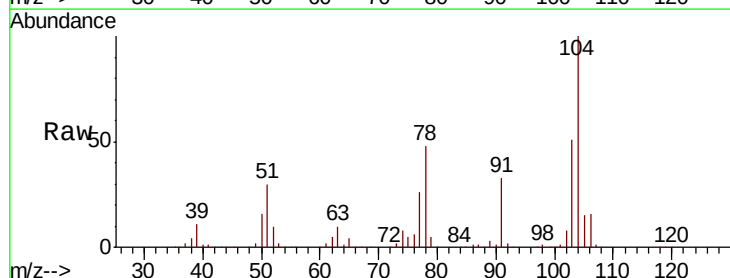


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

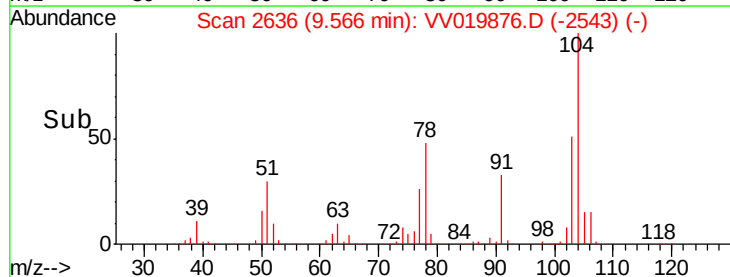
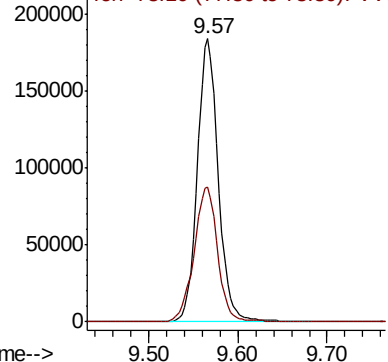


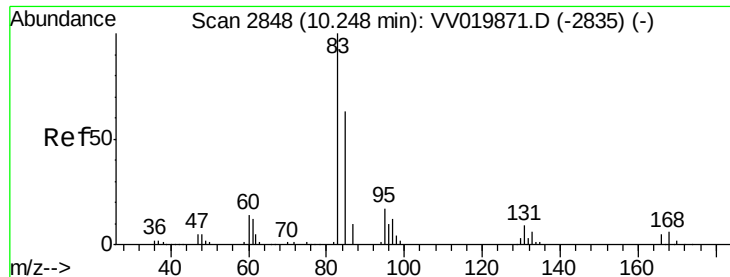
#55
Styrene
Concen: 5.193 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Tgt Ion:104 Resp: 298763
Ion Ratio Lower Upper
104 100
78 47.6 33.7 62.7



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.052 ug/L

RT: 10.25 min Scan# 2848

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

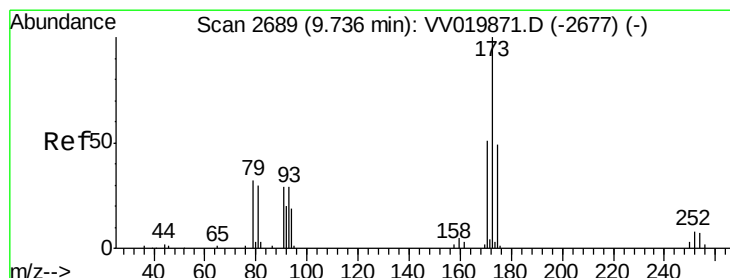
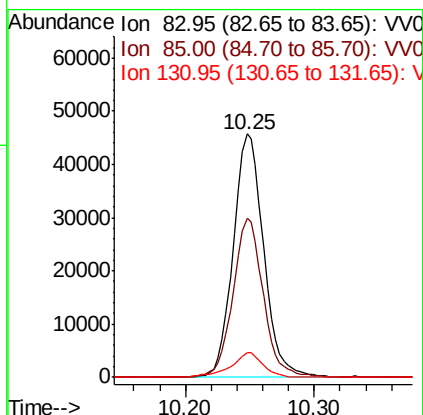
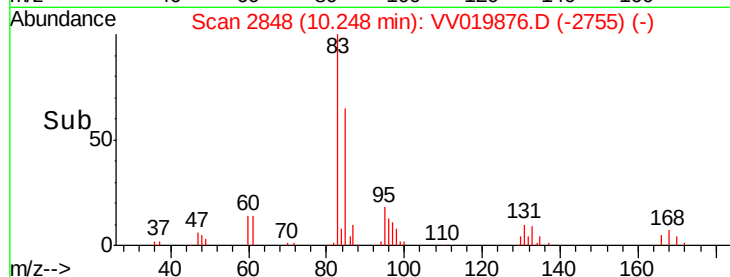
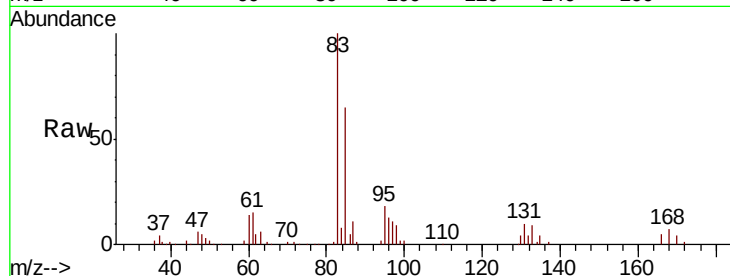
Tot Ion: 83 Resp: 74878

Ion Ratio Lower Upper

83 100

85 65.4 44.3 82.3

131 9.9 7.4 11.2



#59

Bromoform

Concen: 4.856 ug/L

RT: 9.74 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

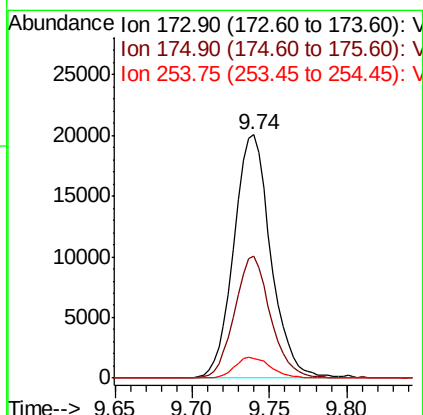
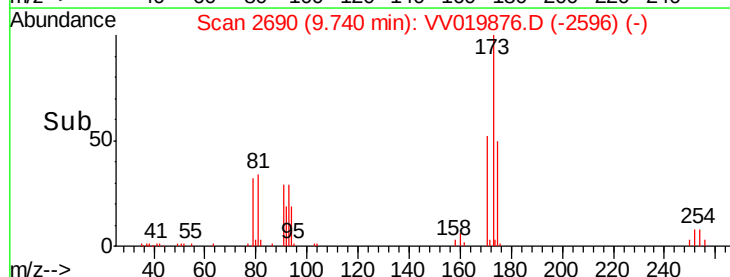
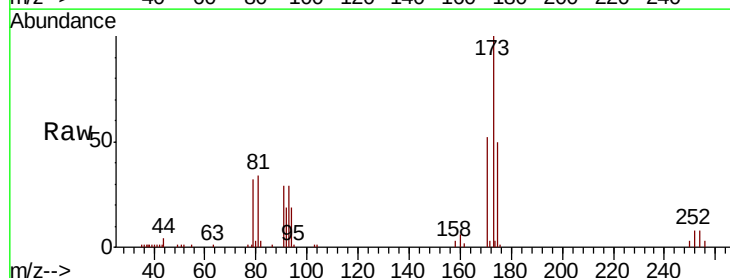
Tgt Ion: 173 Resp: 33300

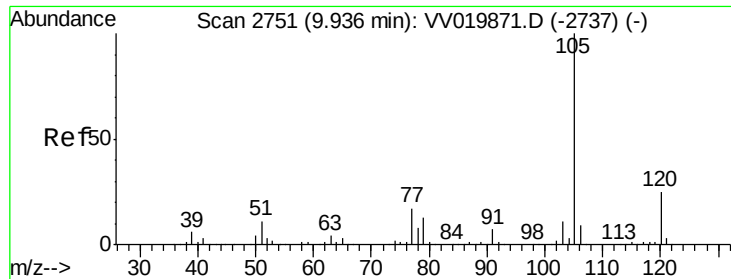
Ion Ratio Lower Upper

173 100

175 48.5 38.3 57.5

254 8.3 6.4 9.6





#60

Isopropylbenzene

Concen: 5.123 ug/L

RT: 9.94 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

ClientSampleId :

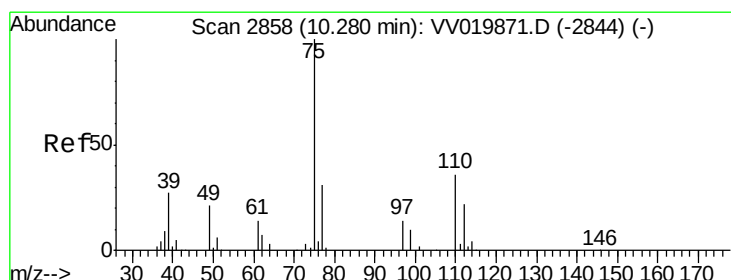
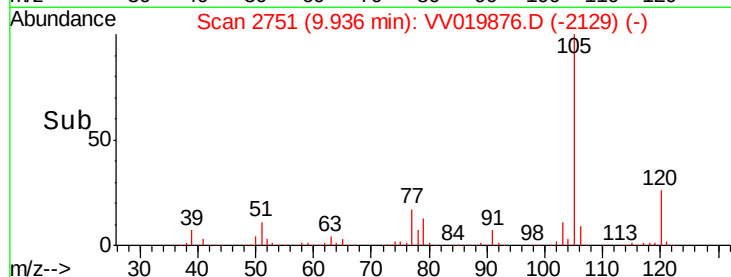
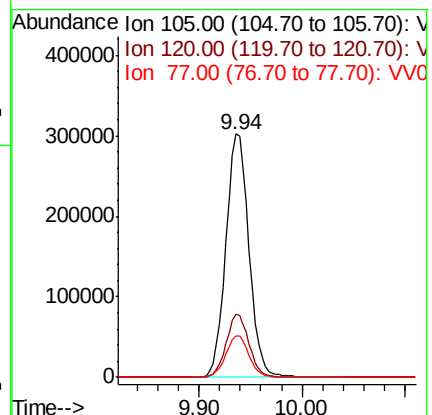
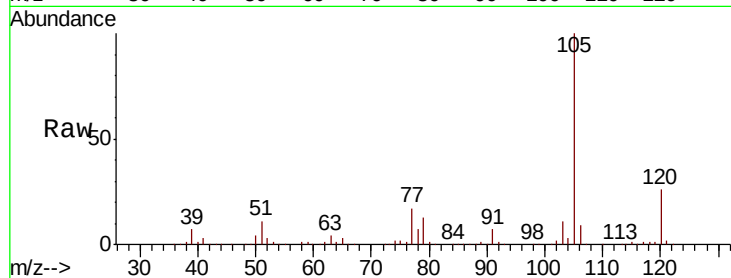
Tot Ion:105 Resp: 471378

Ion Ratio Lower Upper

105 100

120 25.4 20.4 30.6

77 17.1 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 5.018 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

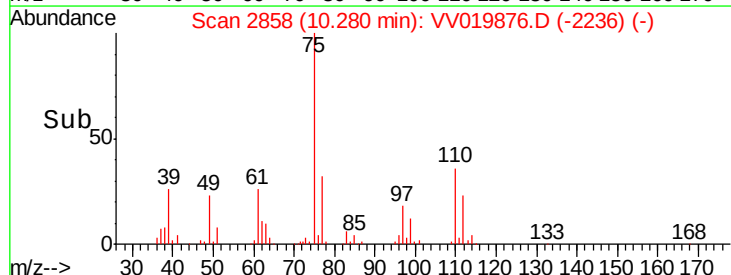
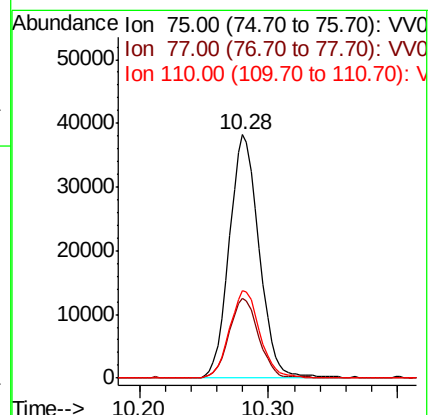
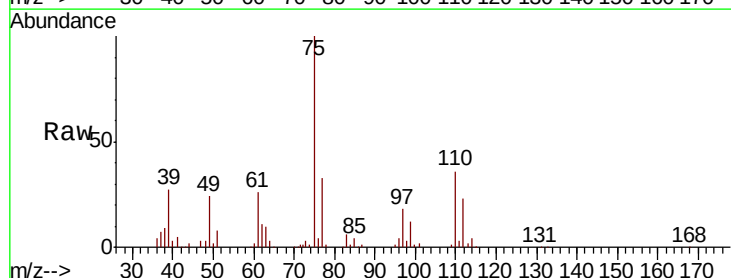
Tgt Ion: 75 Resp: 61314

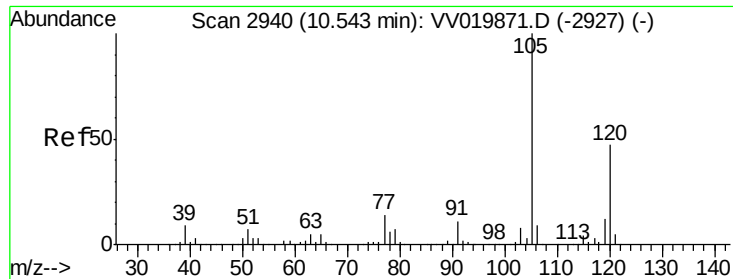
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

110 36.4 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 5.127 ug/L

RT: 10.54 min Scan# 2940

Delta R.T. 0.00 min

Lab File: VV019876.D

Acq: 30 Dec 2020 14:31

Instrument :

MSVOA_V

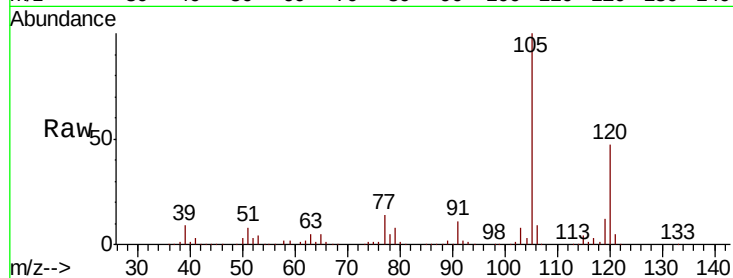
ClientSampled :

Tot Ion:105 Resp: 390013

Ion Ratio Lower Upper

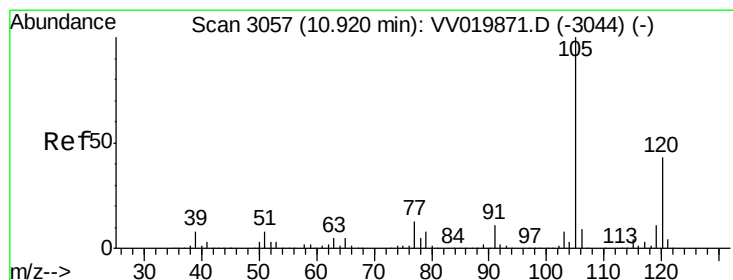
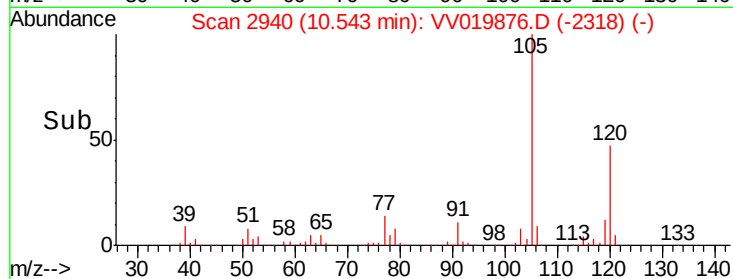
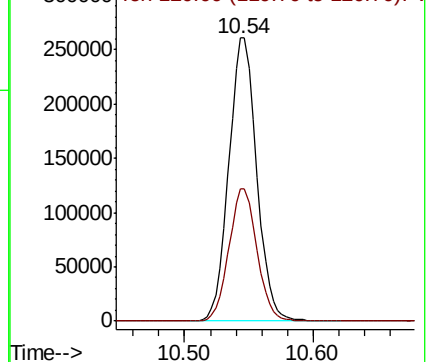
105 100

120 47.2 37.8 56.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 5.151 ug/L

RT: 10.92 min Scan# 3057

Delta R.T. 0.00 min

Lab File: VV019876.D

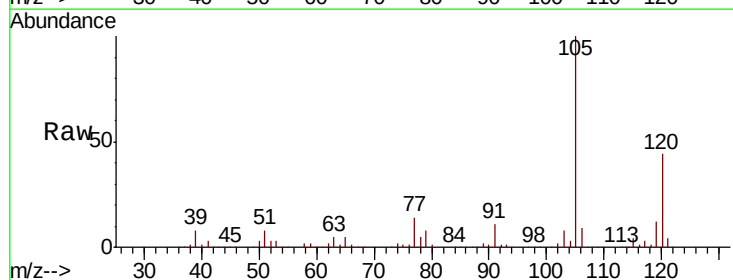
Acq: 30 Dec 2020 14:31

Tgt Ion:105 Resp: 399142

Ion Ratio Lower Upper

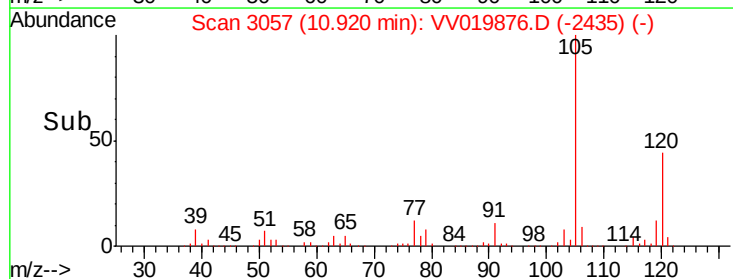
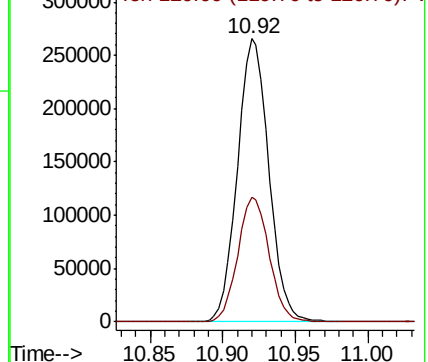
105 100

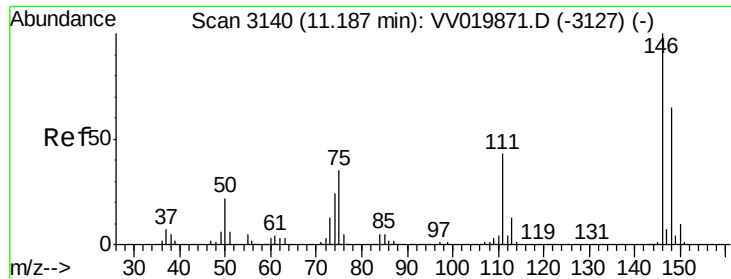
120 44.2 34.9 52.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

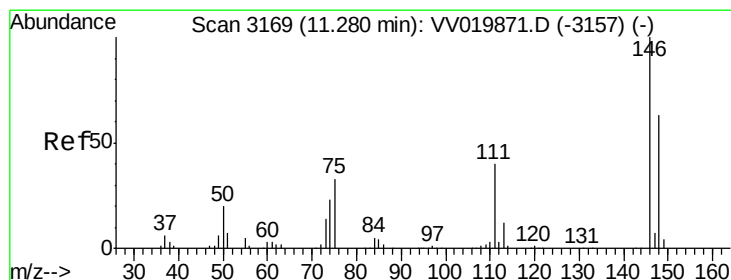
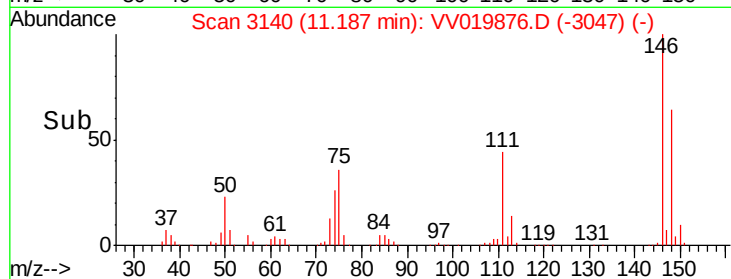
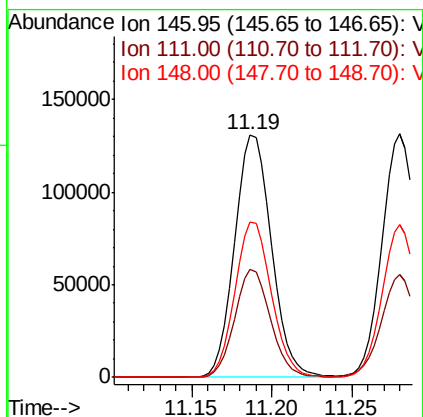
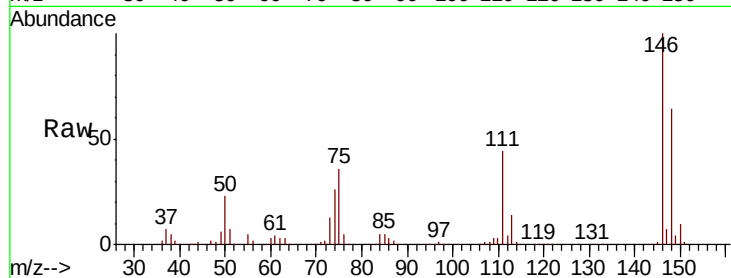




#64
 1,3-Dichlorobenzene
 Concen: 5.078 ug/L
 RT: 11.19 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

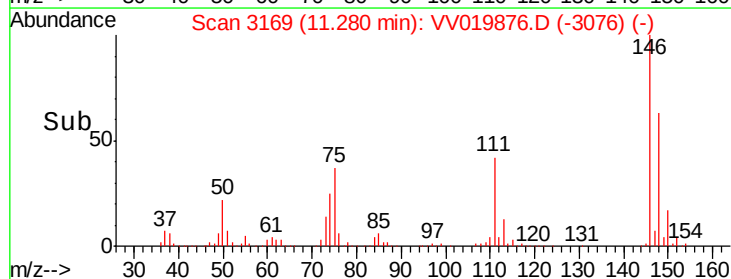
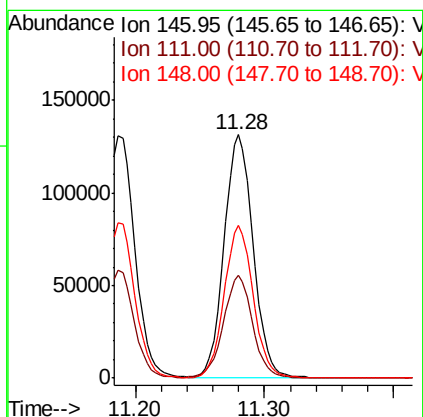
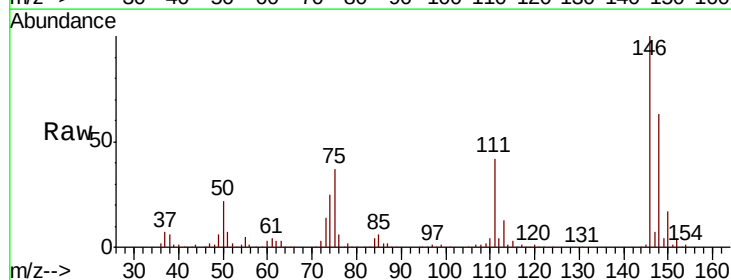
Instrument :
 MSVOA_V
 ClientSampleId :

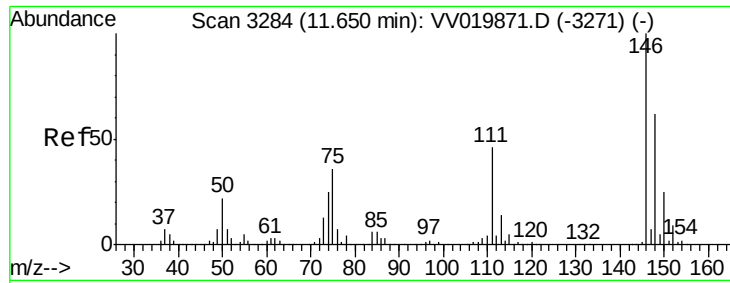
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	30.4	56.5
148	64.2	45.8	85.2



#65
 1,4-Dichlorobenzene
 Concen: 5.046 ug/L
 RT: 11.28 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	29.7	55.1
148	62.5	45.1	83.7

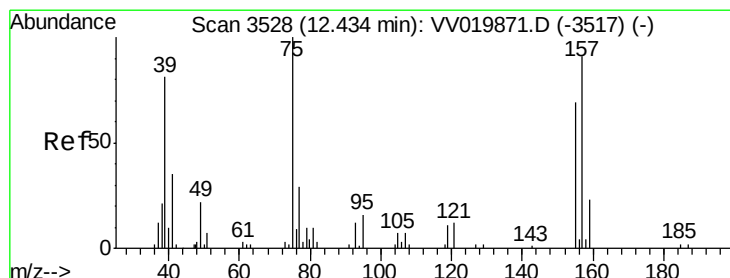
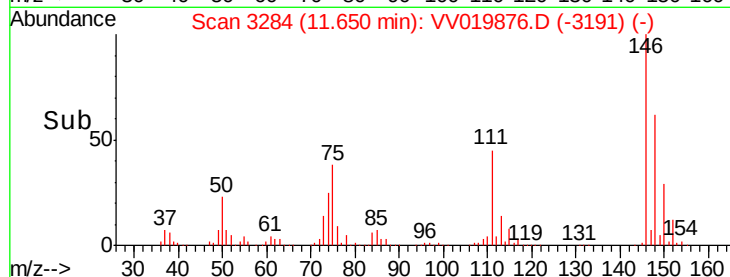
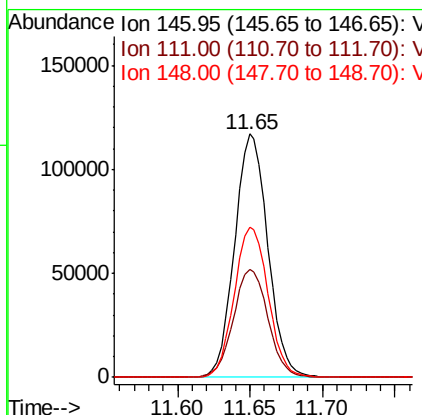
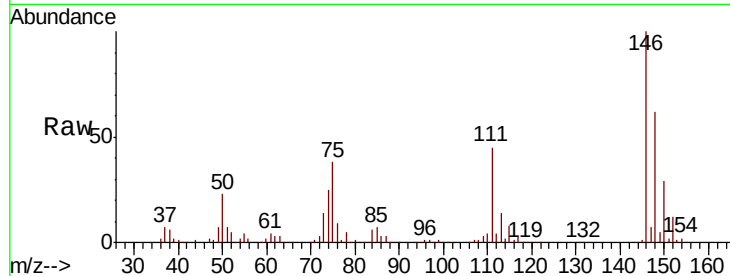




#67
 1,2-Dichlorobenzene
 Concen: 4.996 ug/L
 RT: 11.65 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

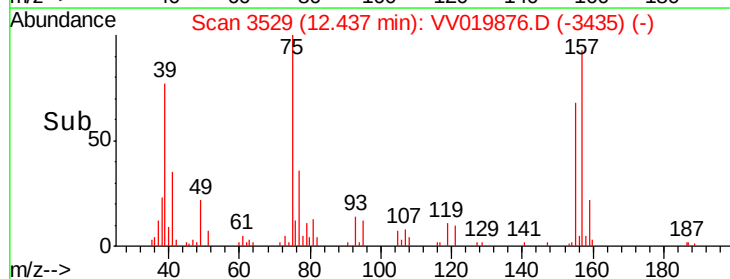
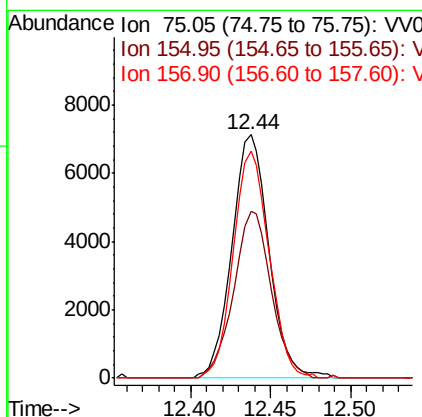
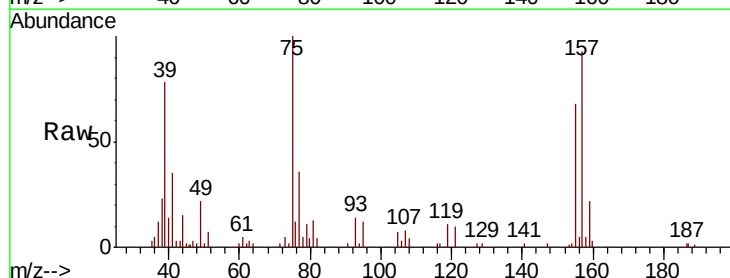
Instrument :
 MSVOA_V
 ClientSampleId :

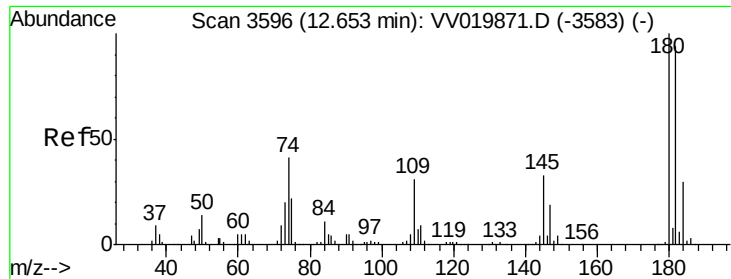
Tot Ion:146 Resp: 185634
 Ion Ratio Lower Upper
 146 100
 111 44.6 37.7 56.5
 148 61.7 50.6 75.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.462 ug/L
 RT: 12.44 min Scan# 3529
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Tgt Ion: 75 Resp: 11244
 Ion Ratio Lower Upper
 75 100
 155 68.4 56.5 84.7
 157 93.0 74.2 111.2

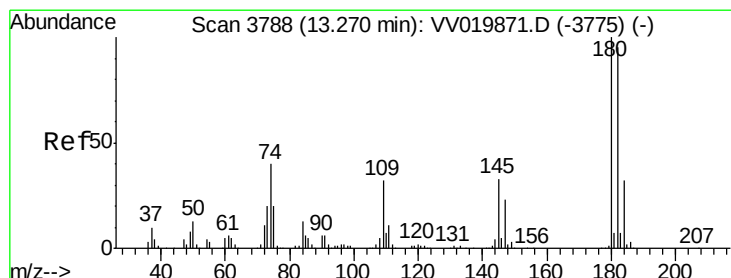
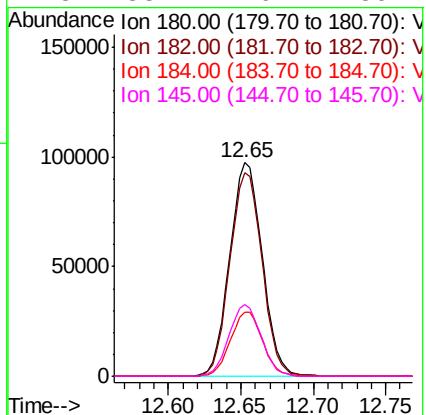
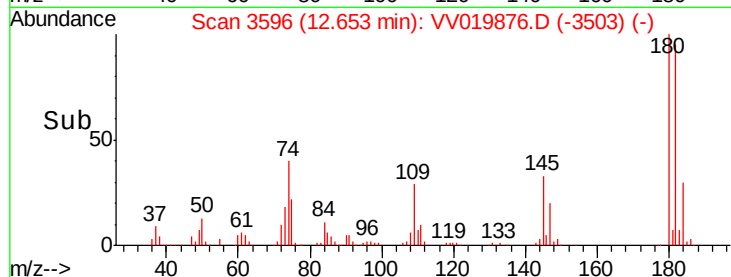
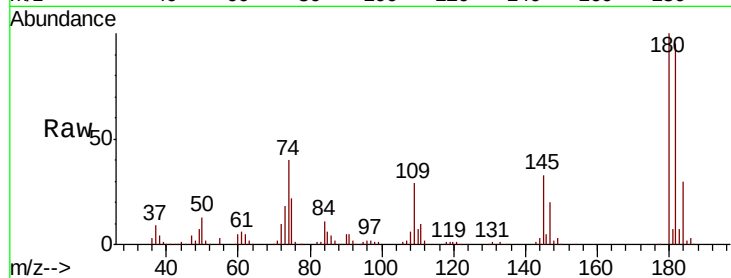




#69
 1,3,5-Trichlorobenzene
 Concen: 5.070 ug/L
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

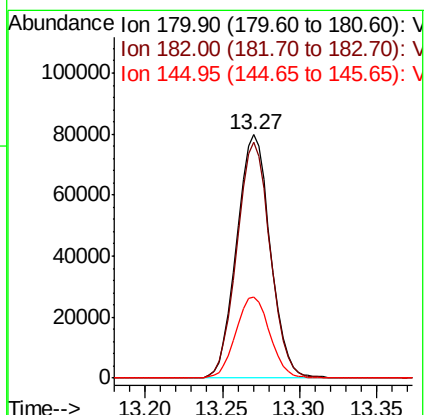
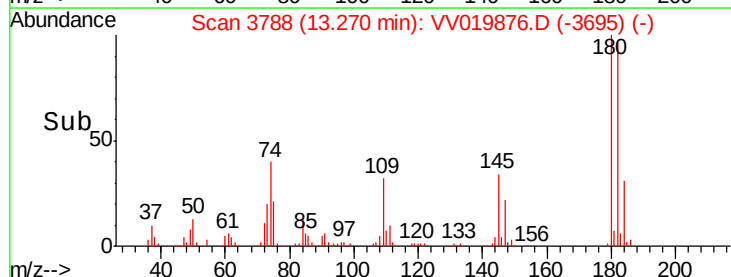
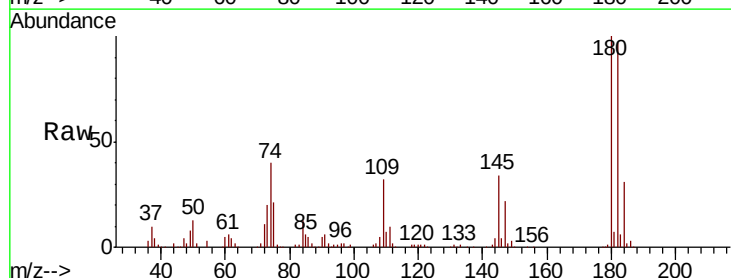
Instrument :
 MSVOA_V
 ClientSampled :

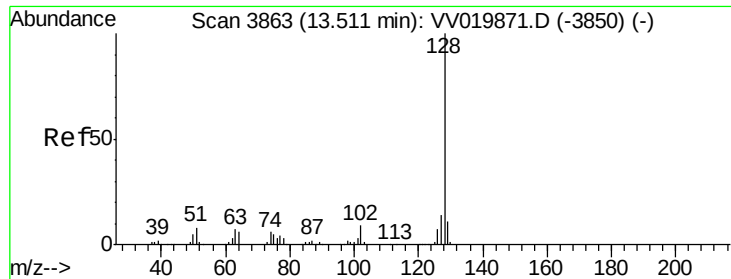
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.9	113.9
184	29.8	23.5	35.3
145	33.1	26.2	39.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.950 ug/L
 RT: 13.27 min Scan# 3788
 Delta R.T. 0.00 min
 Lab File: VV019876.D
 Acq: 30 Dec 2020 14:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.9	113.9
145	33.9	26.6	39.8

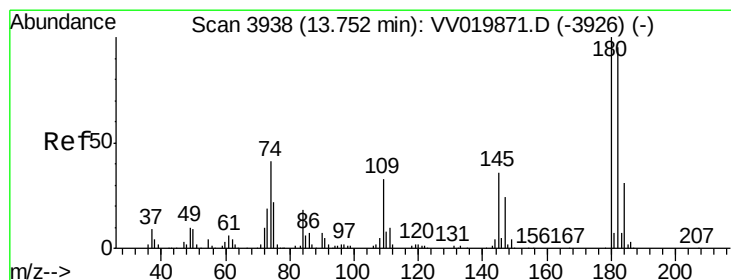
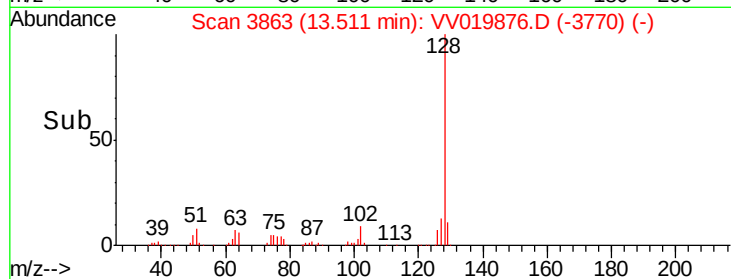
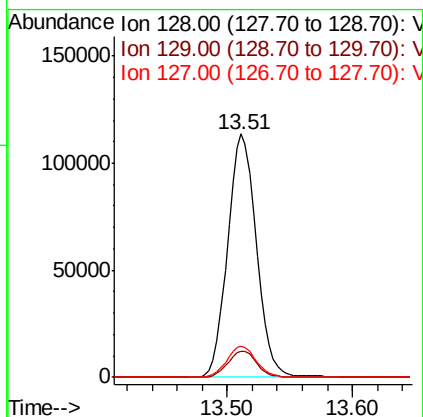
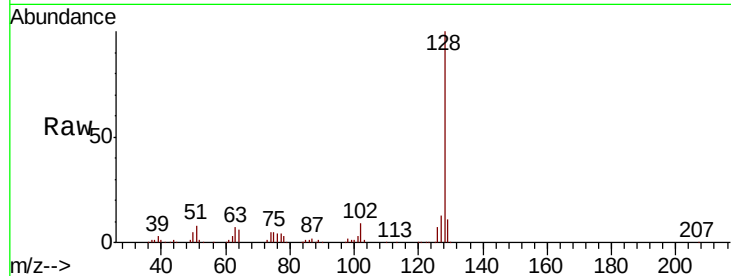




#71
Naphthalene
Concen: 4.909 ug/L
RT: 13.51 min Scan# 3863
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:128 Resp: 180828
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.025 ug/L
RT: 13.75 min Scan# 3938
Delta R.T. 0.00 min
Lab File: VV019876.D
Acq: 30 Dec 2020 14:31

Tgt Ion:180 Resp: 104130
Ion Ratio Lower Upper
180 100
182 94.8 74.6 112.0
145 35.7 28.8 43.2

