

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019900.D
 Acq On : 05 Jan 2021 16:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Jan 06 07:12:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	569051	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	542212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	277744	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	202253	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.86%
7) Chloroethane-d5	1.57	69	170023	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.16%
11) 1,1-Dichloroethene-d2	2.11	63	406267	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.62%
21) 2-Butanone-d5	3.89	46	338323	103.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.35	84	408857	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.04	65	277889	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
32) Benzene-d6	5.05	84	775291	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
36) 1,2-Dichloropropane-d6	6.07	67	252191	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.24%
41) Toluene-d8	7.32	98	676352	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%
43) trans-1,3-Dichloropropene-	7.62	79	120783	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.09	63	224690	105.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.89%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	341917	51.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	259427	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	212690	48.149	ug/L 100
3) Chloromethane	1.24	50	263464	48.700	ug/L 100
5) Vinyl chloride	1.31	62	259557	49.105	ug/L 100
6) Bromomethane	1.52	94	157919	49.318	ug/L 98
8) Chloroethane	1.59	64	165780	50.451	ug/L 100
9) Trichlorofluoromethane	1.76	101	321770	50.251	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	174655	48.430	ug/L 99
12) 1,1-Dichloroethene	2.12	96	179752	49.673	ug/L 95
13) Acetone	2.19	43	244296	96.686	ug/L 98
14) Carbon disulfide	2.30	76	547543	46.446	ug/L 100
15) Methyl Acetate	2.44	43	257182	50.095	ug/L 100
16) Methylene chloride	2.51	84	224879	49.480	ug/L 97
17) trans-1,2-Dichloroethene	2.76	96	200137	49.432	ug/L 98
18) Methyl tert-butyl Ether	2.77	73	692799	50.680	ug/L 100
19) 1,1-Dichloroethane	3.19	63	407088	49.826	ug/L 100
20) cis-1,2-Dichloroethene	3.92	96	221218	49.940	ug/L 100
22) 2-Butanone	3.98	43	361517	101.910	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019900.D
 Acq On : 05 Jan 2021 16:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Jan 06 07:12:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

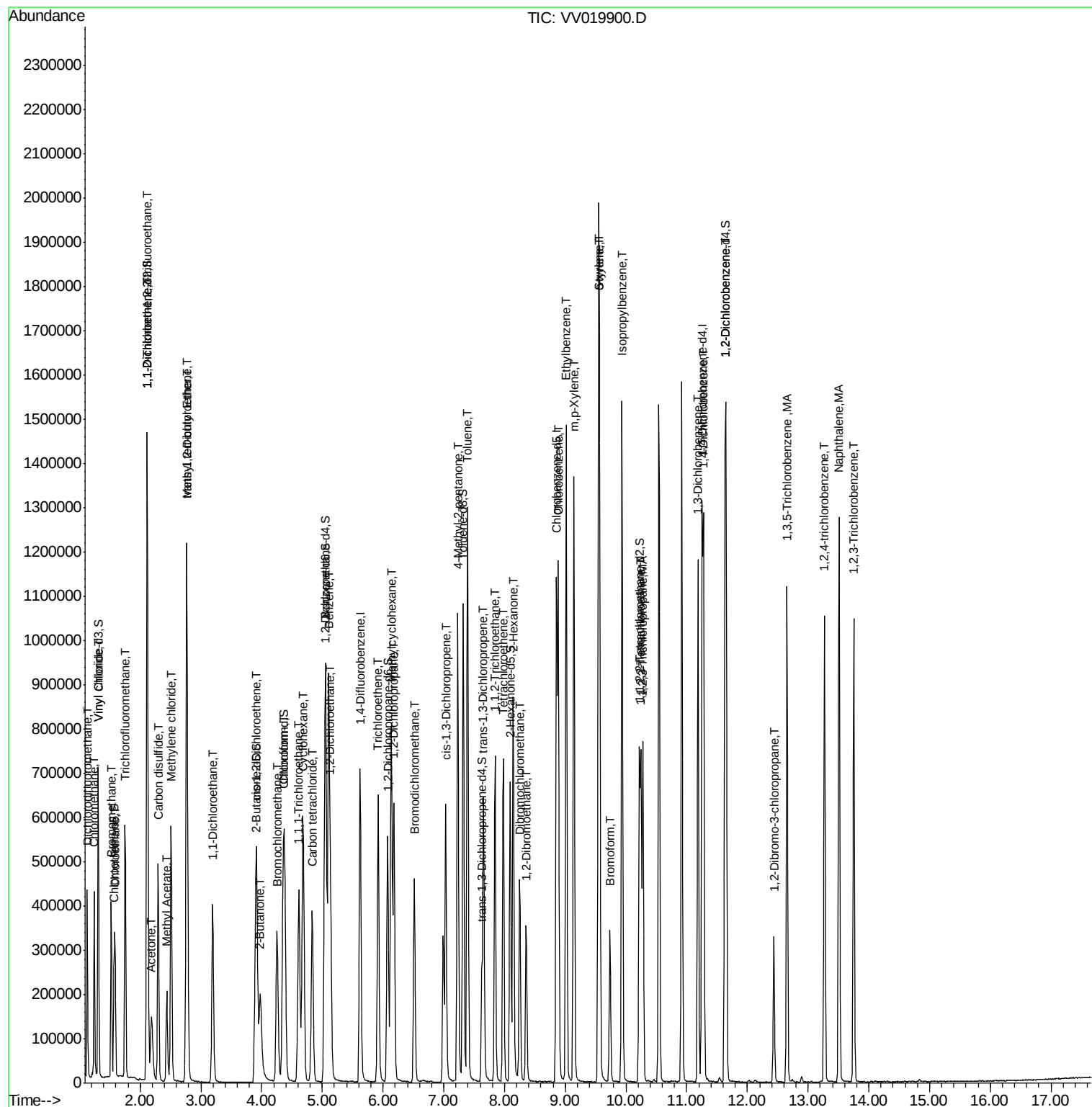
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	111127	50.773	ug/L	99
25) Chloroform	4.38	83	409002	50.746	ug/L	99
27) 1,2-Dichloroethane	5.14	62	344972	51.915	ug/L	100
29) Cyclohexane	4.68	56	333276	48.008	ug/L	100
30) 1,1,1-Trichloroethane	4.61	97	344426	49.615	ug/L	100
31) Carbon tetrachloride	4.83	117	280402	49.085	ug/L	100
33) Benzene	5.10	78	863052	50.607	ug/L	100
34) Trichloroethene	5.92	95	224032	49.517	ug/L	98
35) Methylcyclohexane	6.14	83	320271	47.203	ug/L	99
37) 1,2-Dichloropropane	6.18	63	231711	50.595	ug/L	100
38) Bromodichloromethane	6.51	83	296057	49.446	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	358435	50.811	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	707727	103.204	ug/L	99
42) Toluene	7.39	91	883063	50.550	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	345784	50.256	ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	213936	50.925	ug/L	99
46) Tetrachloroethene	7.98	164	143127	47.371	ug/L	95
48) 2-Hexanone	8.14	43	551475	104.016	ug/L	99
49) Dibromochloromethane	8.25	129	215449	49.598	ug/L	98
50) 1,2-Dibromoethane	8.36	107	222454	50.455	ug/L	99
51) Chlorobenzene	8.88	112	557296	50.028	ug/L	98
52) Ethylbenzene	9.02	91	987200	50.219	ug/L	99
53) m,p-Xylene	9.14	106	356671	49.814	ug/L	99
54) o-xylene	9.55	106	350112	50.016	ug/L	98
55) Styrene	9.57	104	626186	51.470	ug/L	100
56) Isopropylbenzene	9.94	105	932969	49.766	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	338878	50.788	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	292334	50.210	ug/L	98
61) Bromoform	9.74	173	136863	47.913	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	413822	48.943	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	419130	48.197	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	422744	48.980	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.44	75	80889	49.236	ug/L	98
67) 1,3,5-Trichlorobenzene	12.65	180	290886	47.684	ug/L	98
68) 1,2,4-trichlorobenzene	13.27	180	266432	49.053	ug/L	98
69) Naphthalene	13.51	128	915704	53.599	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	267991	50.766	ug/L	100

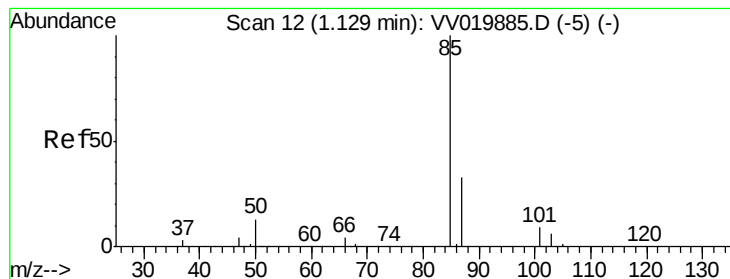
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
Data File : VV019900.D
Acq On : 05 Jan 2021 16:28
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Quant Time: Jan 06 07:12:19 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 06 07:08:24 2021
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 48.149 ug/L

RT: 1.13 min Scan# 12

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

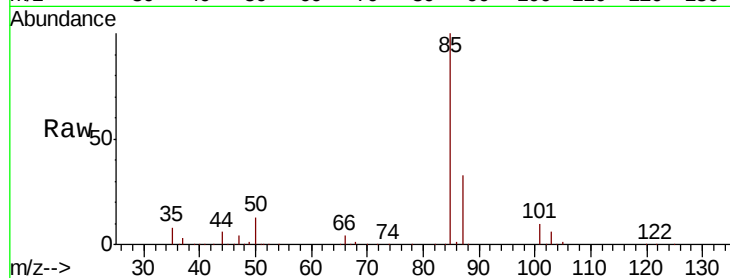
VSTD05077

Tot Ion: 85 Resp: 212690

Ion Ratio Lower Upper

85 100

87 32.2 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VV019885.D (-5) (-)

Ion 87.00 (86.70 to 87.70): VV019885.D (-5) (-)

1.13

250000

200000

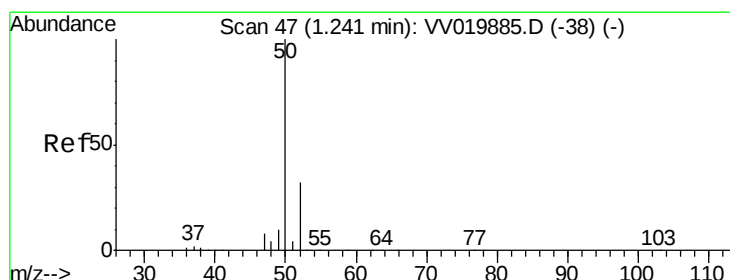
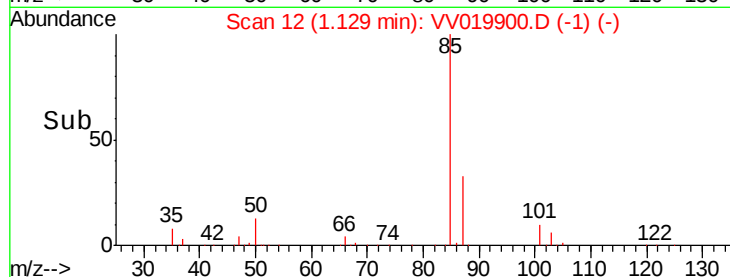
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 48.700 ug/L

RT: 1.24 min Scan# 47

Delta R.T. 0.00 min

Lab File: VV019900.D

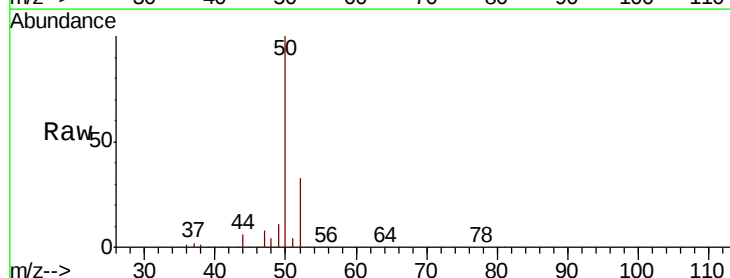
Acq: 05 Jan 2021 16:28

Tgt Ion: 50 Resp: 263464

Ion Ratio Lower Upper

50 100

52 32.5 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV019885.D (-38) (-)

Ion 52.00 (51.70 to 52.70): VV019885.D (-38) (-)

1.24

250000

200000

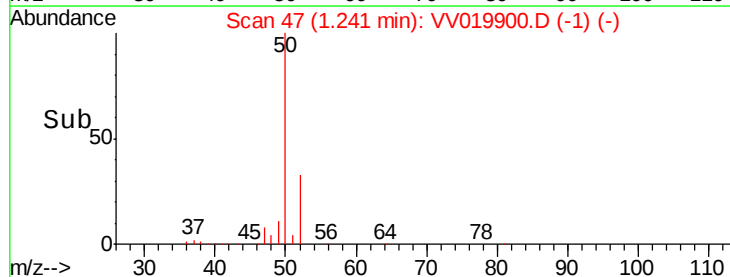
150000

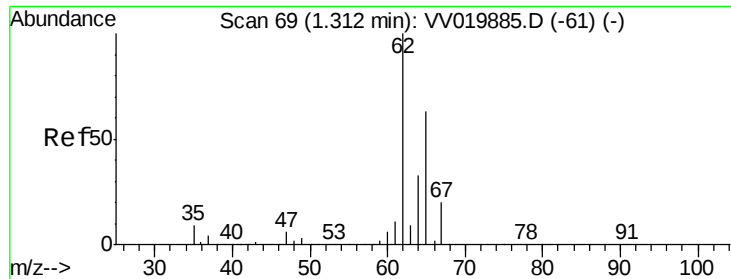
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 49.105 ug/L

RT: 1.31 min Scan# 69

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

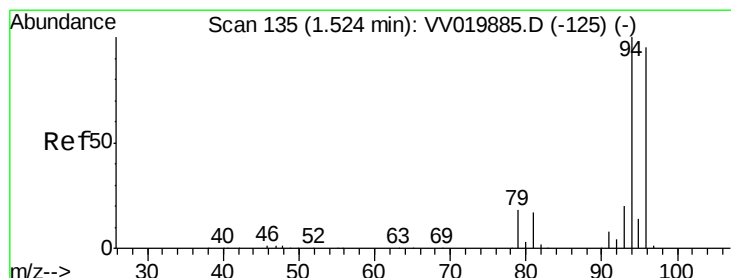
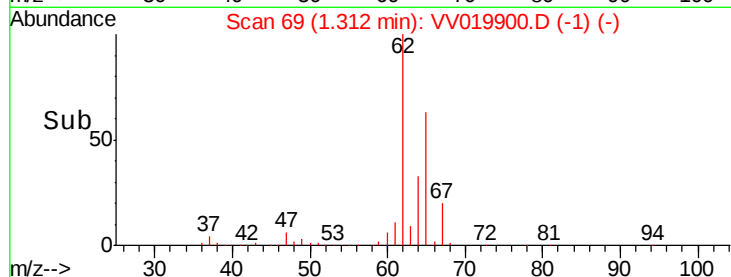
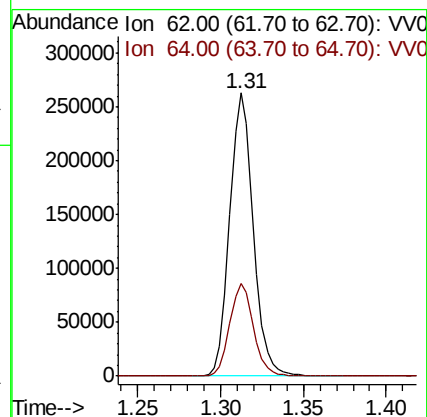
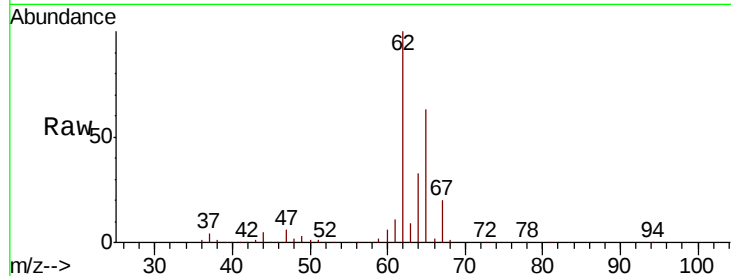
VSTD05077

Tot Ion: 62 Resp: 259557

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.6



#6

Bromomethane

Concen: 49.318 ug/L

RT: 1.52 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV019900.D

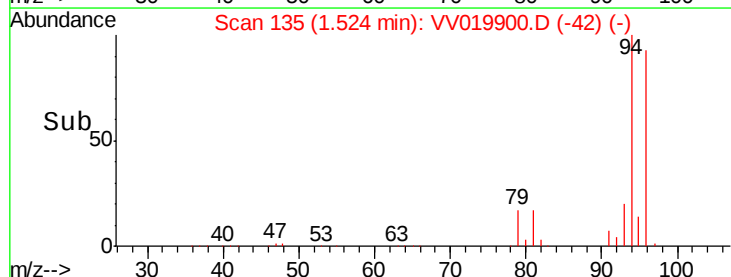
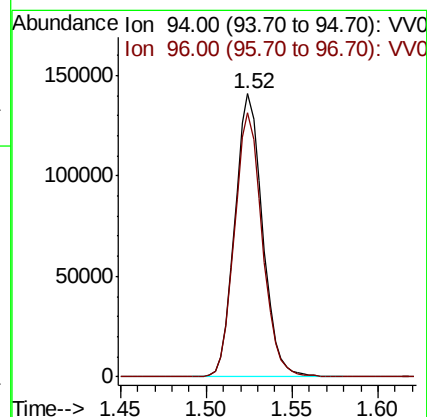
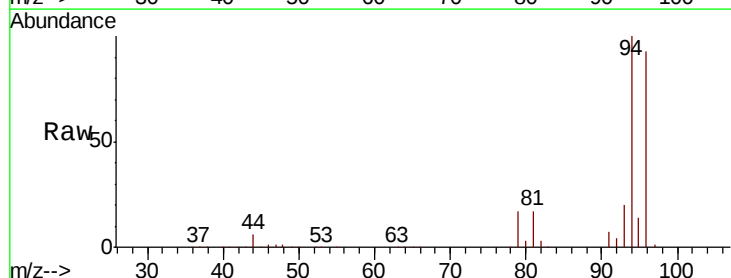
Acq: 05 Jan 2021 16:28

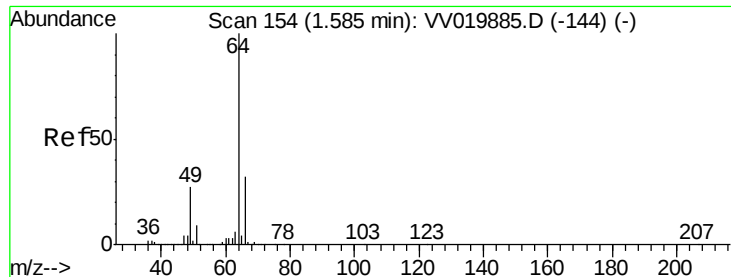
Tgt Ion: 94 Resp: 157919

Ion Ratio Lower Upper

94 100

96 93.2 63.6 118.2

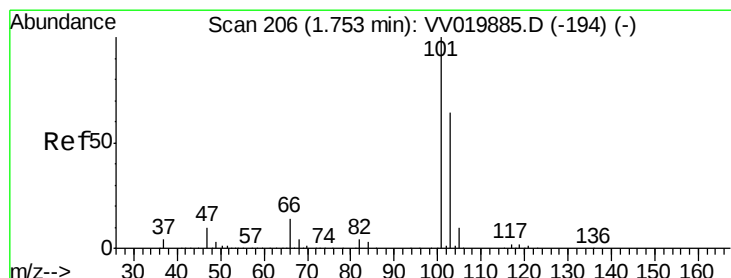
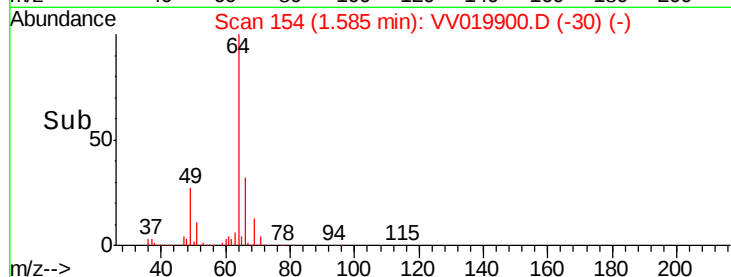
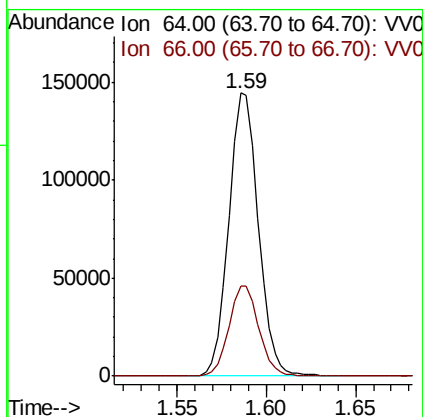
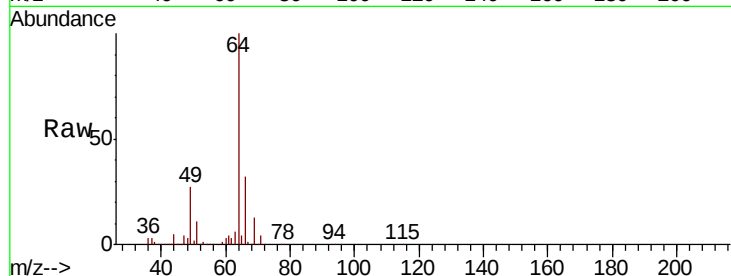




#8
Chloroethane
Concen: 50.451 ug/L
RT: 1.59 min Scan# 154
Delta R.T. 0.00 min
Lab File: VV019900.D
Acq: 05 Jan 2021 16:28

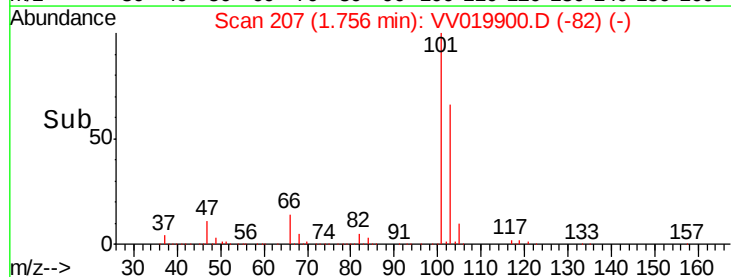
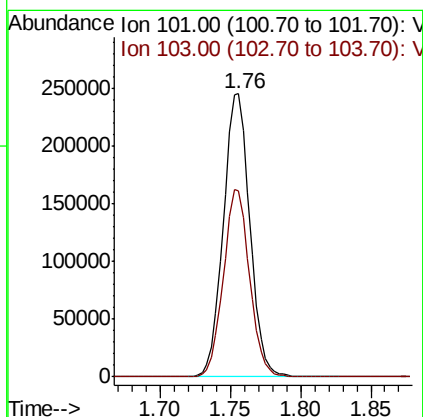
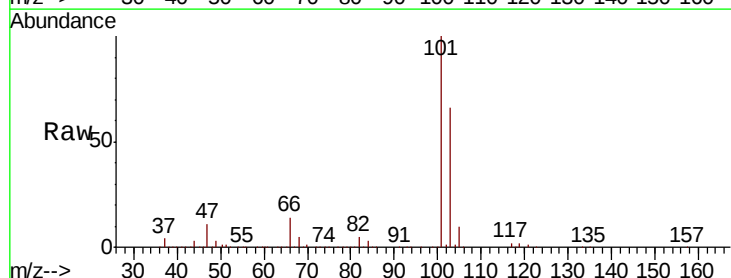
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

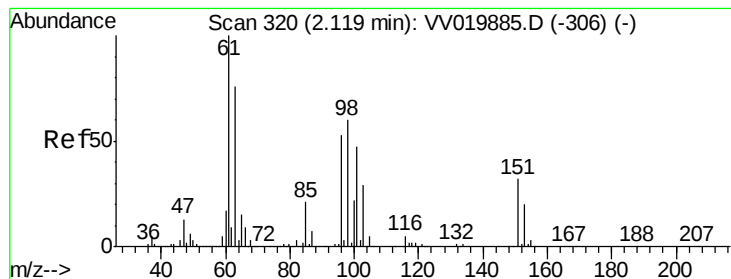
Tot Ion: 64 Resp: 165780
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.251 ug/L
RT: 1.76 min Scan# 207
Delta R.T. 0.00 min
Lab File: VV019900.D
Acq: 05 Jan 2021 16:28

Tgt Ion: 101 Resp: 321770
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5





#10

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

Concen: 48.430 ug/L

RT: 2.12 min Scan# 320

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

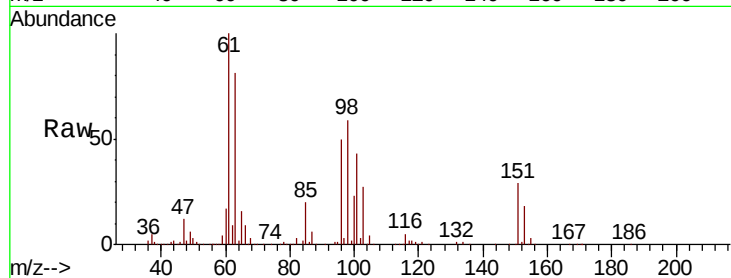
Tot Ion:101 Resp: 174655

Ion Ratio Lower Upper

101 100

85 45.7 35.3 52.9

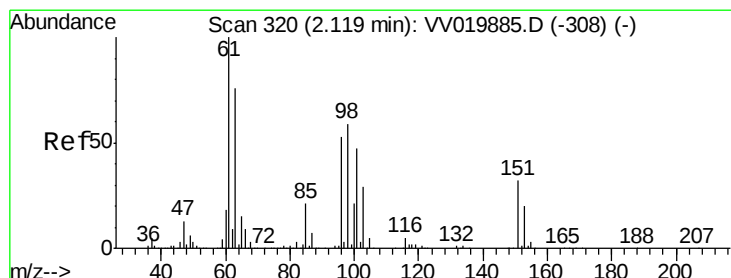
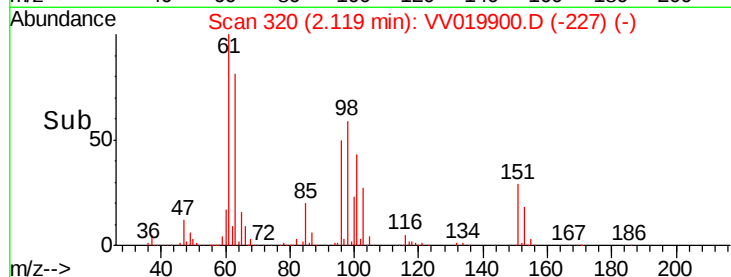
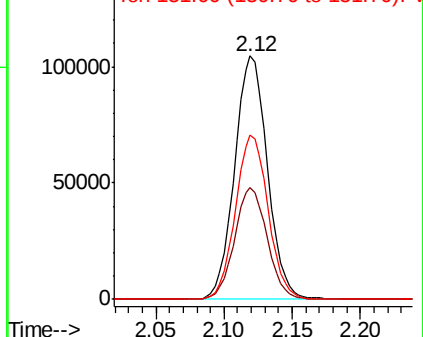
151 67.2 53.6 80.4



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: 49.673 ug/L

RT: 2.12 min Scan# 320

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

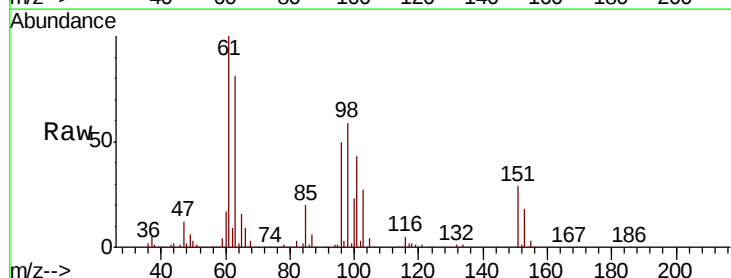
Tgt Ion: 96 Resp: 179752

Ion Ratio Lower Upper

96 100

61 198.2 134.9 250.5

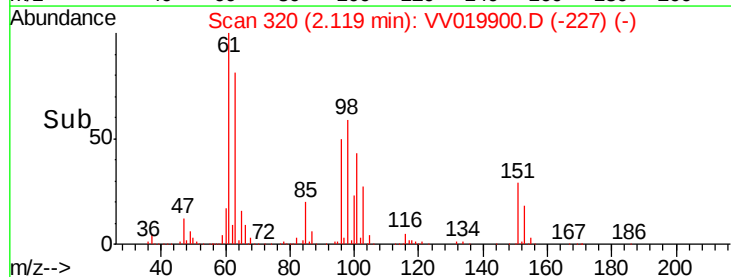
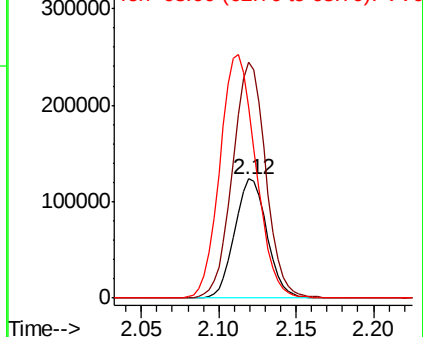
63 160.1 117.6 218.4

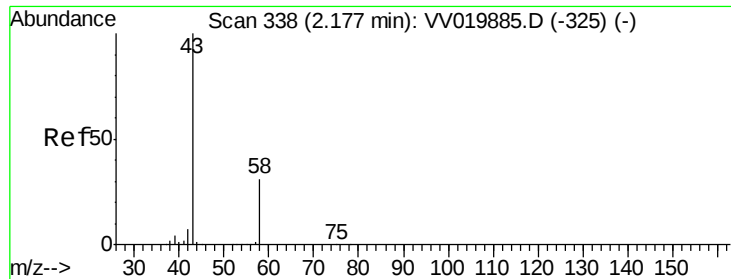


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 96.686 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

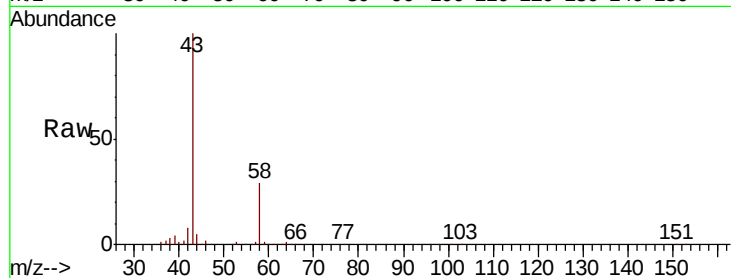
VSTD05077

Tot Ion: 43 Resp: 244296

Ion Ratio Lower Upper

43 100

58 29.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV019885.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV019885.D (-325) (-)

2.19

100000

80000

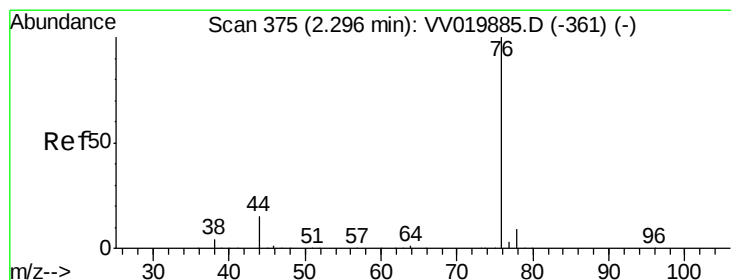
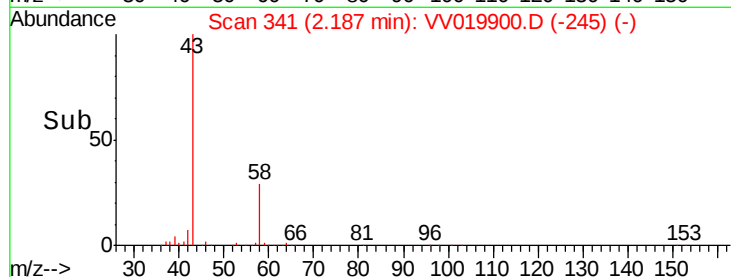
60000

40000

20000

0

Time-->



#14

Carbon disulfide

Concen: 46.446 ug/L

RT: 2.30 min Scan# 375

Delta R.T. 0.00 min

Lab File: VV019900.D

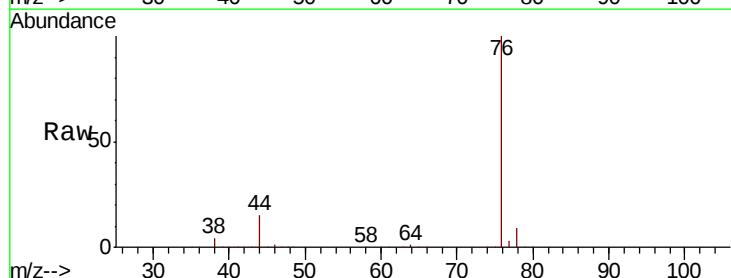
Acq: 05 Jan 2021 16:28

Tgt Ion: 76 Resp: 547543

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV019885.D (-361) (-)

Ion 78.00 (77.70 to 78.70): VV019885.D (-361) (-)

2.30

400000

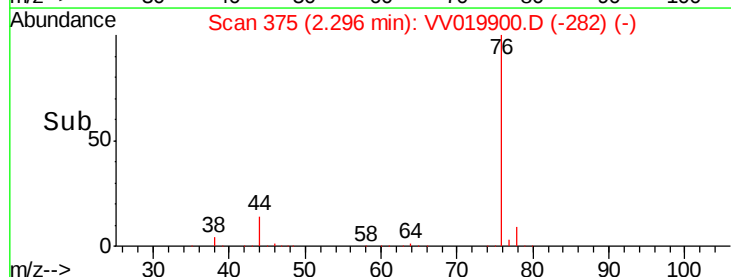
300000

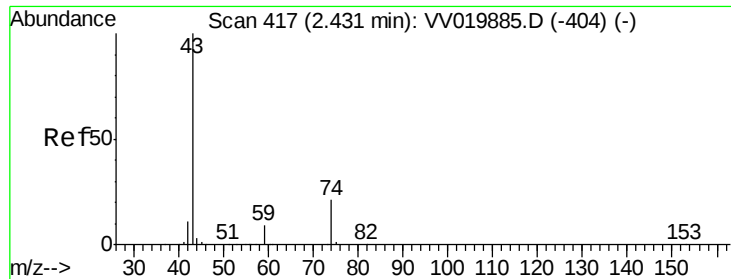
200000

100000

0

Time-->

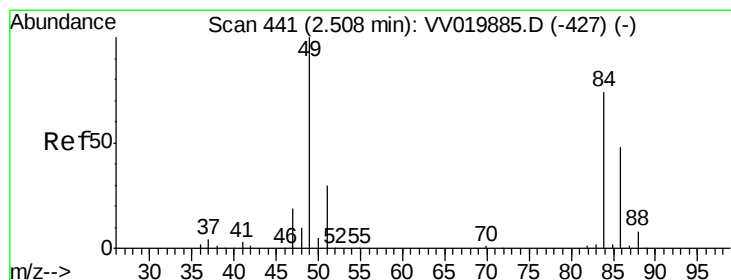
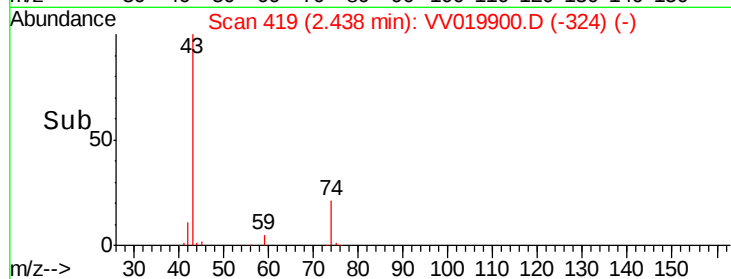
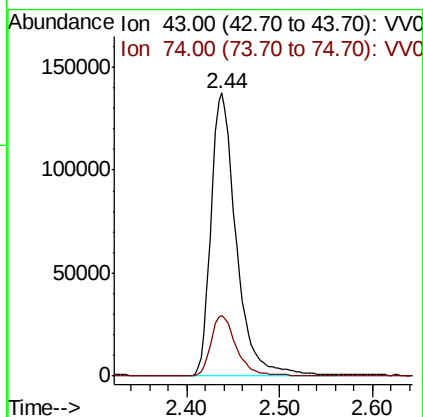
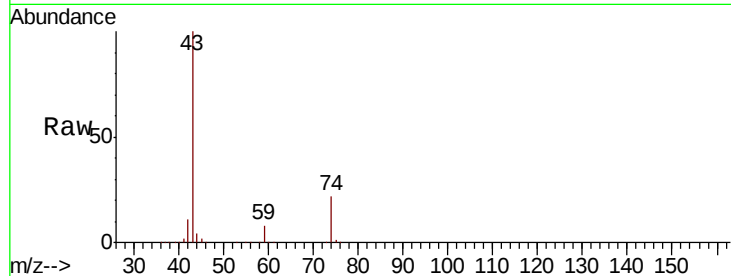




#15
Methvl Acetate
Concen: 50.095 ug/L
RT: 2.44 min Scan# 419
Delta R.T. 0.01 min
Lab File: VV019900.D
Acq: 05 Jan 2021 16:28

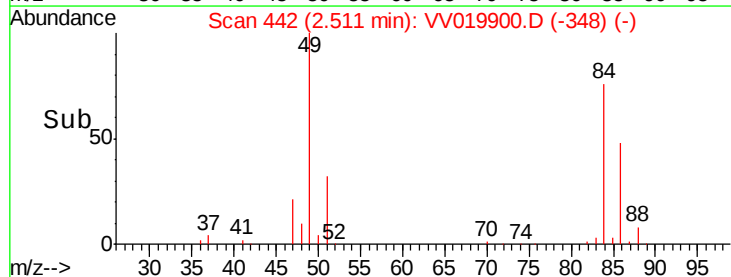
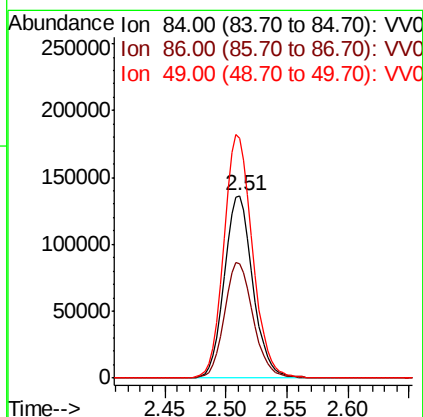
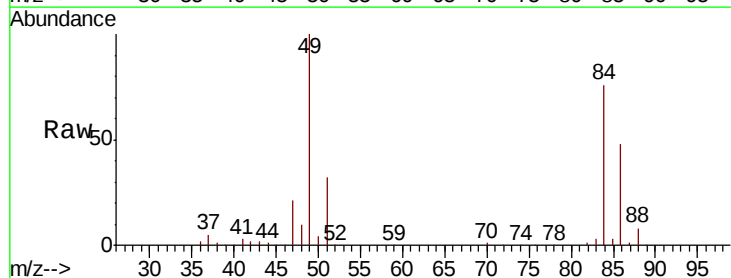
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

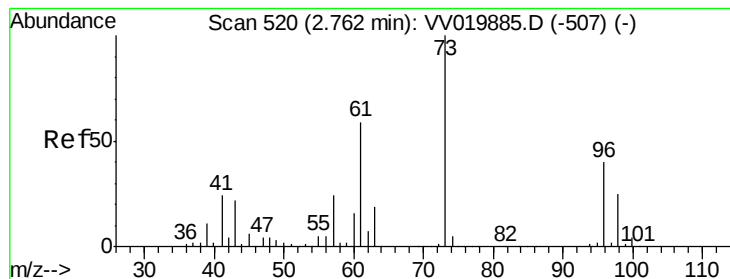
Tot Ion: 43 Resp: 257182
Ion Ratio Lower Upper
43 100
74 21.8 17.6 26.4



#16
Methylene chloride
Concen: 49.480 ug/L
RT: 2.51 min Scan# 442
Delta R.T. 0.00 min
Lab File: VV019900.D
Acq: 05 Jan 2021 16:28

Tgt Ion: 84 Resp: 224879
Ion Ratio Lower Upper
84 100
86 62.9 44.6 82.8
49 130.9 94.6 175.8





#17

trans-1,2-Dichloroethene

Concen: 49.432 ug/L

RT: 2.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

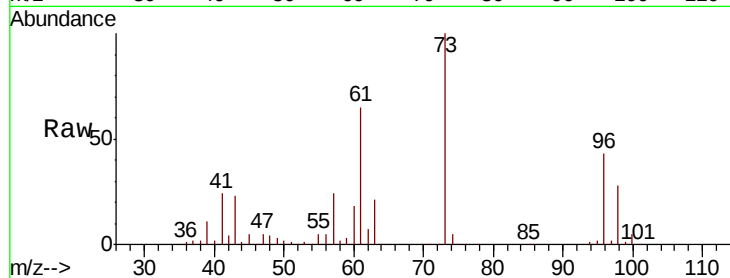
Tot Ion: 96 Resp: 200137

Ion Ratio Lower Upper

96 100

61 148.7 103.1 191.5

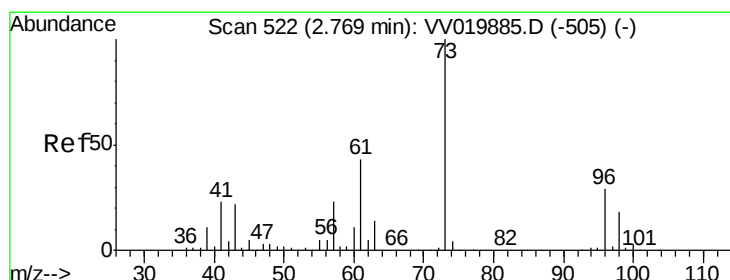
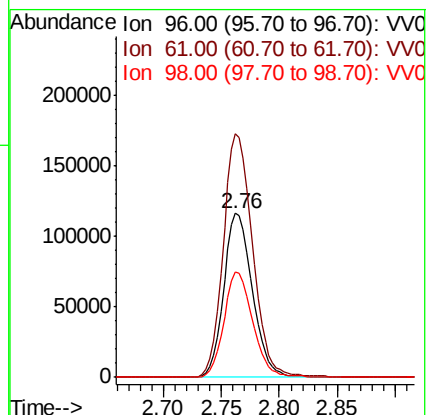
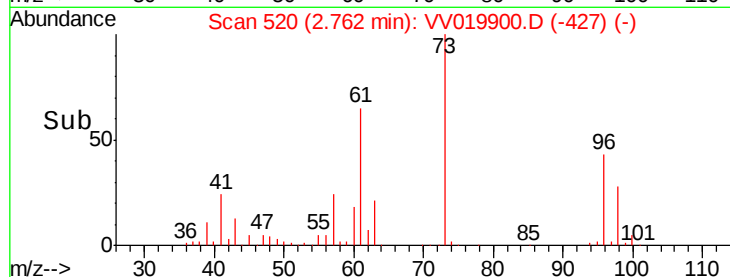
98 64.2 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VV019900.D (-427) (-)

Ion 61.00 (60.70 to 61.70): VV019900.D (-427) (-)

Ion 98.00 (97.70 to 98.70): VV019900.D (-427) (-)



#18

Methyl tert-butyl Ether

Concen: 50.680 ug/L

RT: 2.77 min Scan# 523

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

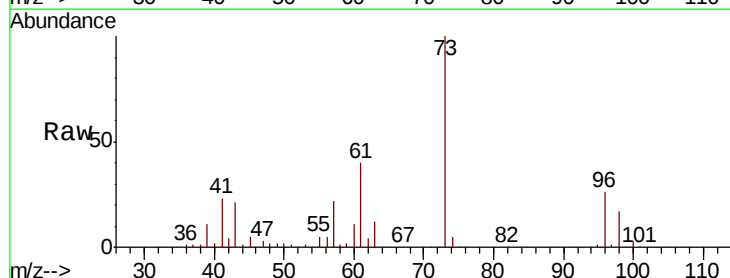
Tgt Ion: 73 Resp: 692799

Ion Ratio Lower Upper

73 100

43 21.7 17.3 25.9

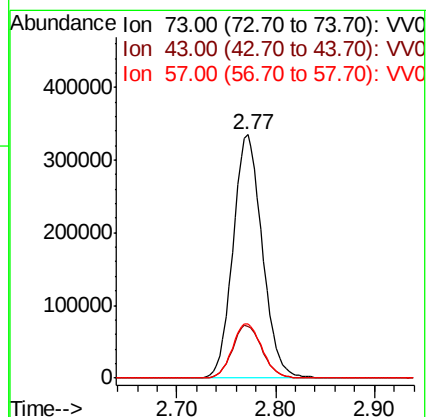
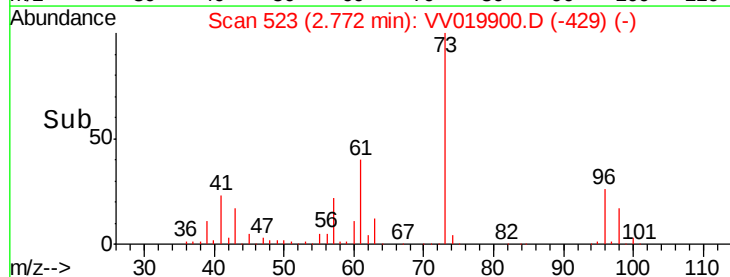
57 22.7 17.9 26.9

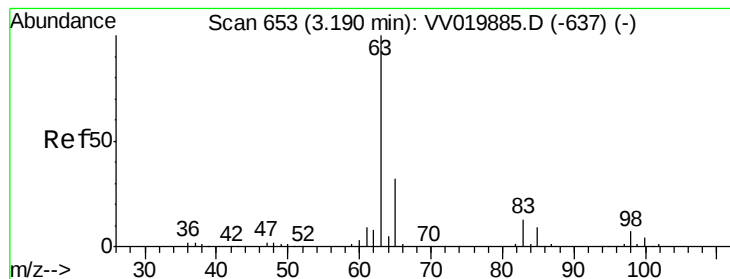


Abundance Ion 73.00 (72.70 to 73.70): VV019900.D (-429) (-)

Ion 43.00 (42.70 to 43.70): VV019900.D (-429) (-)

Ion 57.00 (56.70 to 57.70): VV019900.D (-429) (-)





#19

1,1-Dichloroethane

Concen: 49.826 ug/L

RT: 3.19 min Scan# 654

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampled :

VSTD05077

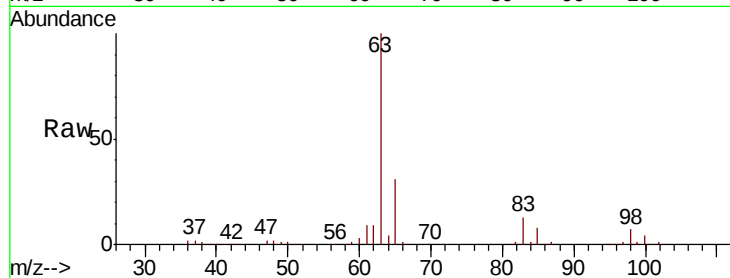
Tot Ion: 63 Resp: 407088

Ion Ratio Lower Upper

63 100

65 31.4 21.9 40.7

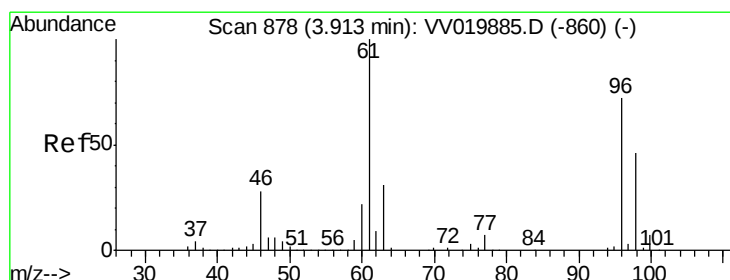
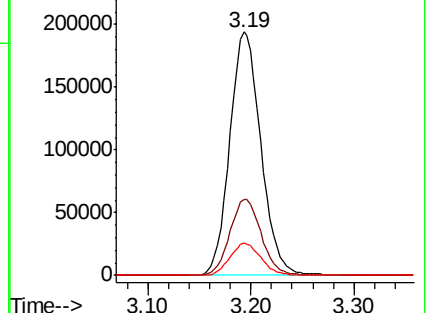
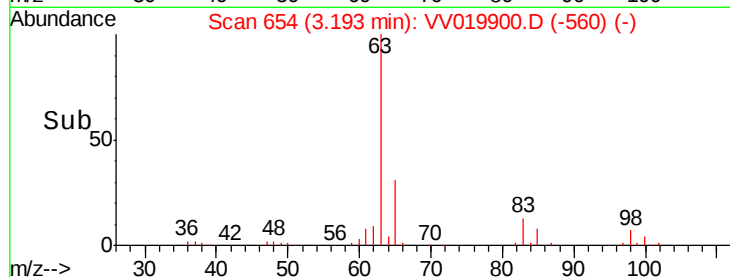
83 13.3 9.5 17.7



Abundance Ion 63.00 (62.70 to 63.70): VV019885.D (-637) (-)

Ion 65.00 (64.70 to 65.70): VV019885.D (-637) (-)

Ion 83.00 (82.70 to 83.70): VV019885.D (-637) (-)



#20

cis-1,2-Dichloroethene

Concen: 49.940 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

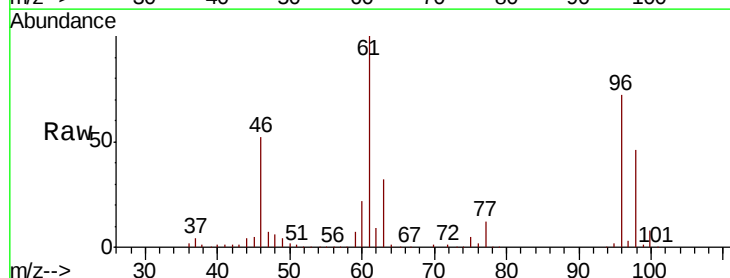
Tgt Ion: 96 Resp: 221218

Ion Ratio Lower Upper

96 100

61 138.0 96.9 179.9

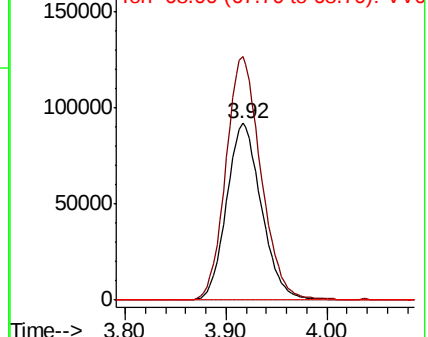
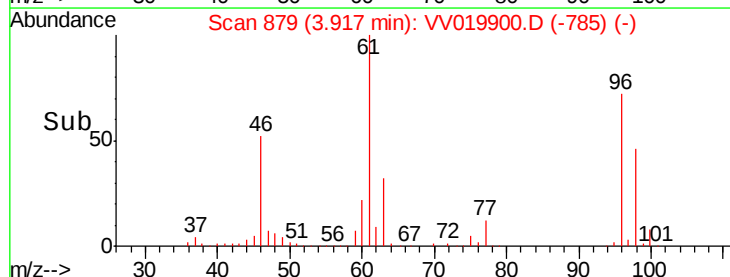
68 0.0 0.0 0.0

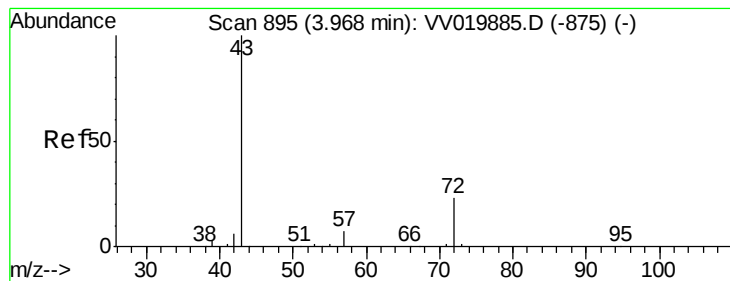


Abundance Ion 96.00 (95.70 to 96.70): VV019885.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VV019885.D (-860) (-)

Ion 68.00 (67.70 to 68.70): VV019885.D (-860) (-)





#22

2-Butanone

Concen: 101.910 ug/L

RT: 3.98 min Scan# 898

Delta R.T. 0.01 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

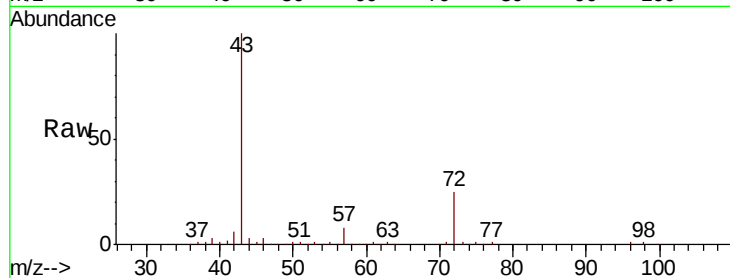
VSTD05077

Tot Ion: 43 Resp: 361517

Ion Ratio Lower Upper

43 100

72 22.9 12.2 36.6



Abundance Ion 43.00 (42.70 to 43.70): VV019885.D (-875) (-)

Ion 72.00 (71.70 to 72.70): VV019885.D (-875) (-)

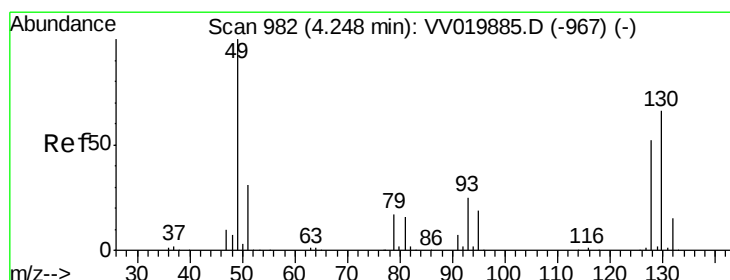
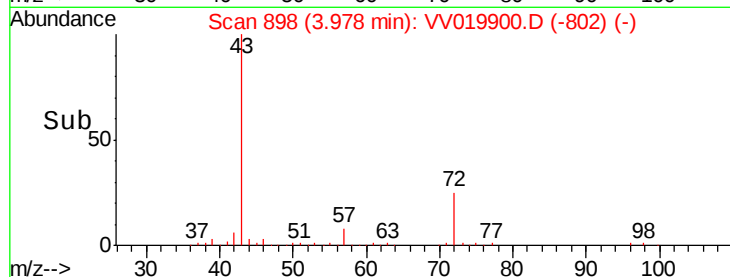
3.98

100000

50000

0

Time-->



#23

Bromochloromethane

Concen: 50.773 ug/L

RT: 4.25 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Tgt Ion: 128 Resp: 111127

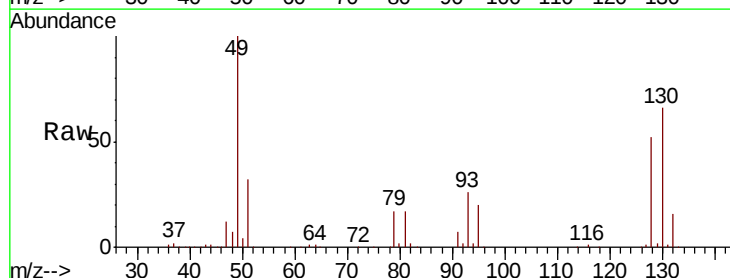
Ion Ratio Lower Upper

128 100

49 191.6 133.1 247.1

130 127.1 89.0 165.4

51 60.4 49.3 73.9



Abundance Ion 128.00 (127.70 to 128.70): VV019885.D (-967) (-)

Ion 49.00 (48.70 to 49.70): VV019885.D (-967) (-)

Ion 130.00 (129.70 to 130.70): VV019885.D (-967) (-)

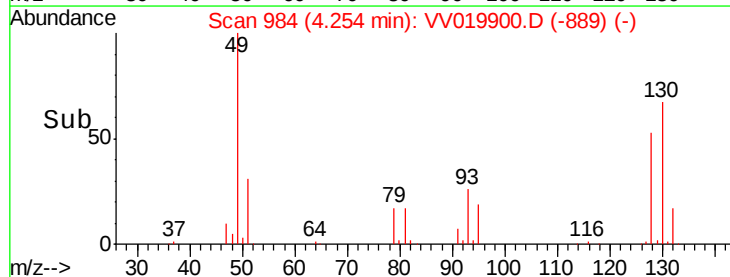
Ion 51.00 (50.70 to 51.70): VV019885.D (-967) (-)

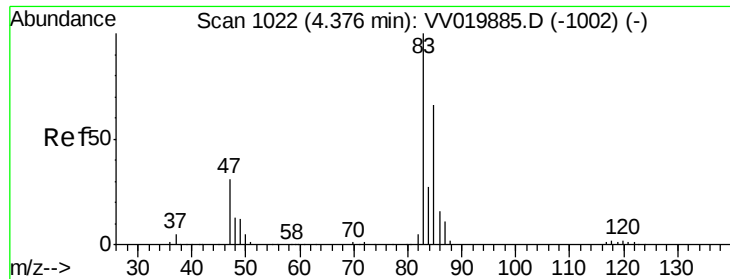
100000

50000

0

Time-->

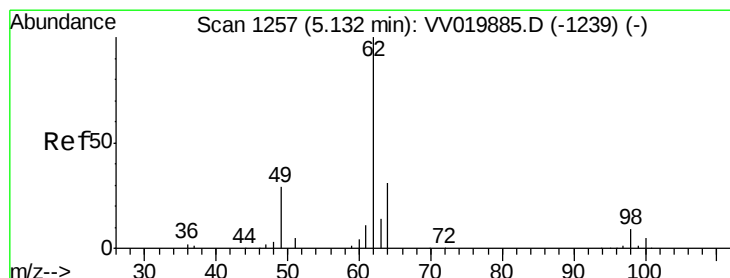
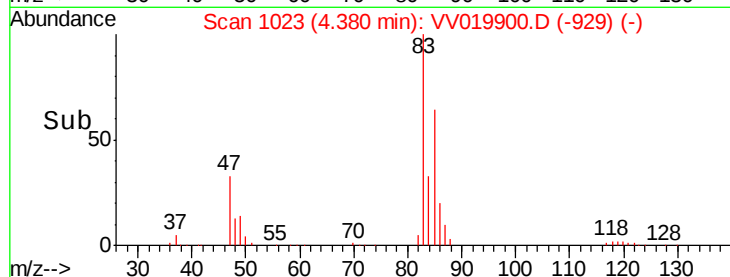
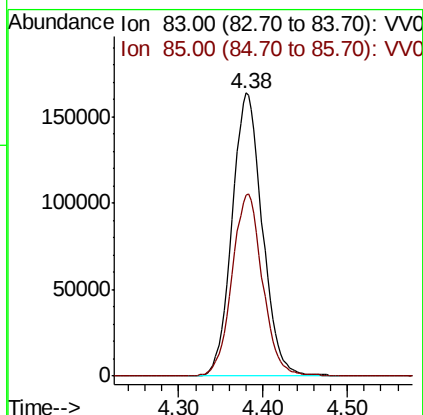
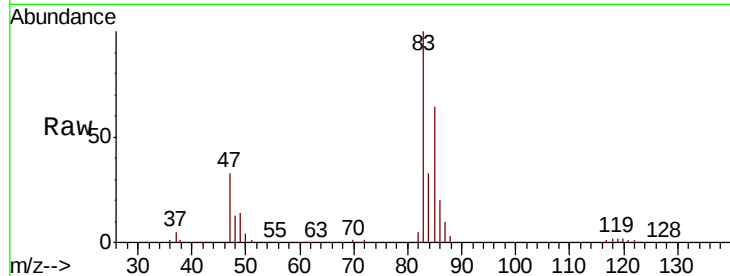




#25
 Chloroform
 Concen: 50.746 ug/L
 RT: 4.38 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

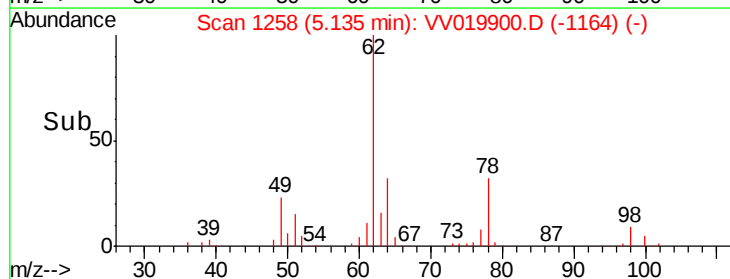
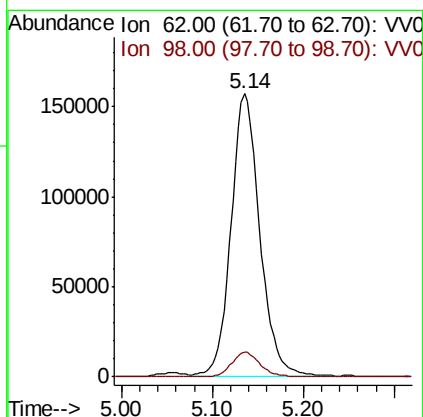
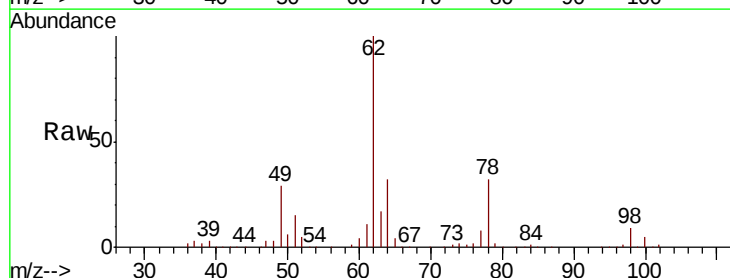
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

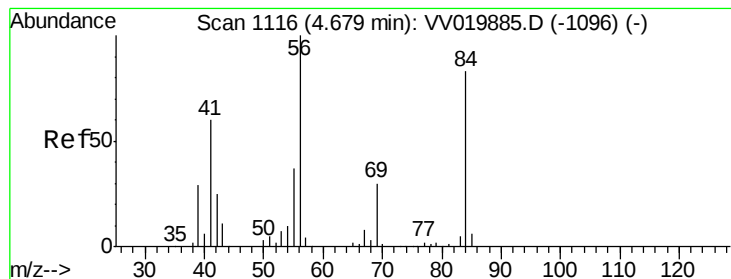
Tot Ion: 83 Resp: 409002
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.2 82.2



#27
 1,2-Dichloroethane
 Concen: 51.915 ug/L
 RT: 5.14 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

Tgt Ion: 62 Resp: 344972
 Ion Ratio Lower Upper
 62 100
 98 8.6 6.9 10.3





#29

Cyclohexane

Concen: 48.008 ug/L

RT: 4.68 min Scan# 1118

Delta R.T. 0.01 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

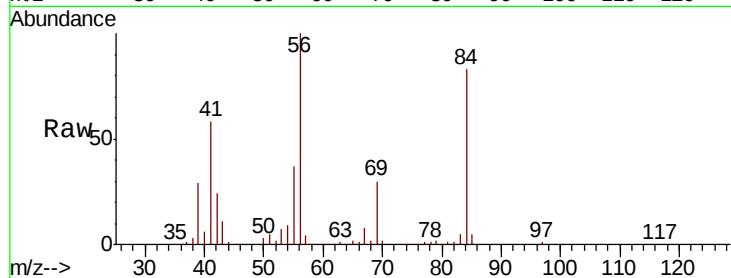
Tot Ion: 56 Resp: 333276

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

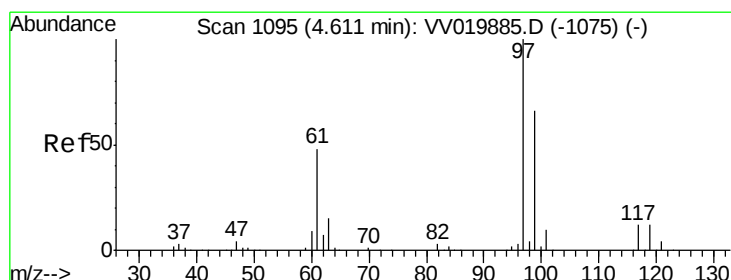
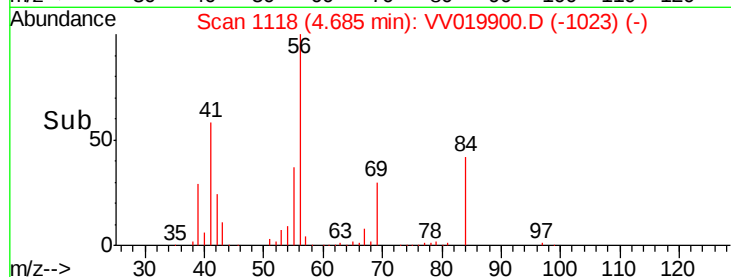
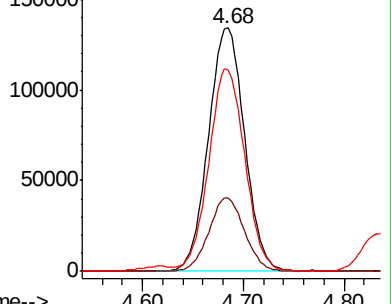
84 82.9 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VV019885.D (-1096) (-)

Ion 69.00 (68.70 to 69.70): VV019885.D (-1096) (-)

Ion 84.00 (83.70 to 84.70): VV019885.D (-1096) (-)



#30

1,1,1-Trichloroethane

Concen: 49.615 ug/L

RT: 4.61 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

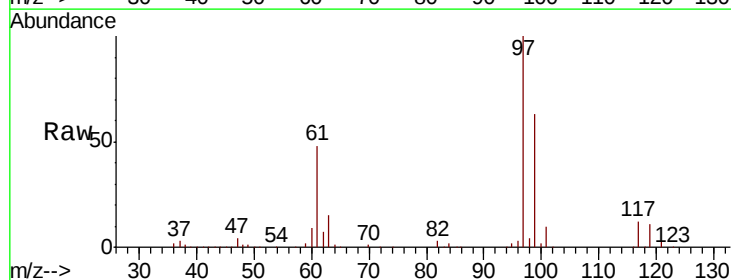
Tgt Ion: 97 Resp: 344426

Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

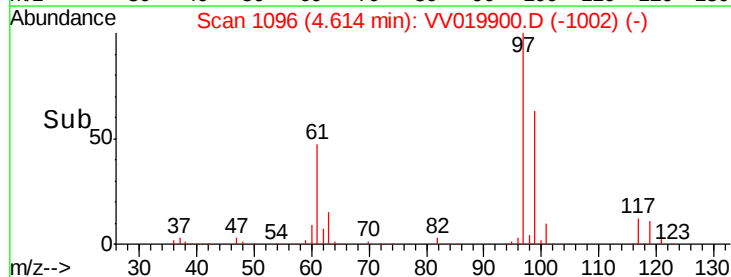
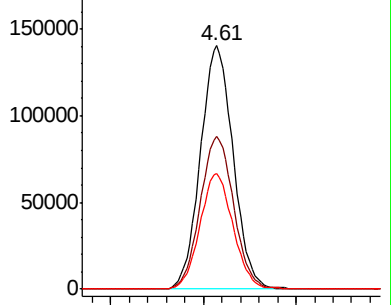
61 48.0 38.5 57.7

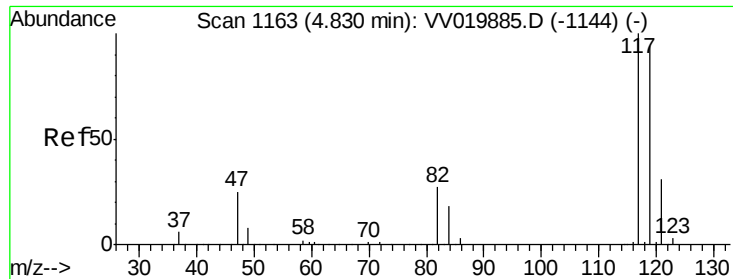


Abundance Ion 97.00 (96.70 to 97.70): VV019885.D (-1075) (-)

Ion 99.00 (98.70 to 99.70): VV019885.D (-1075) (-)

Ion 61.05 (60.75 to 61.75): VV019885.D (-1075) (-)





#31

Carbon tetrachloride

Concen: 49.085 ug/L

RT: 4.83 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

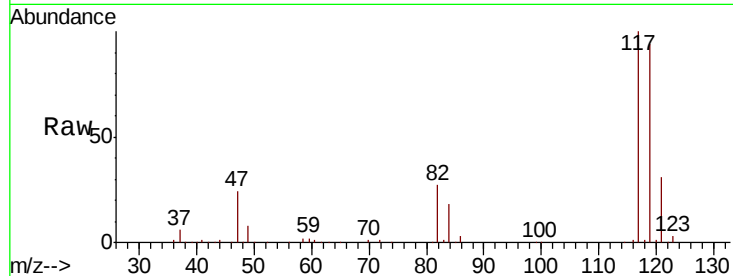
VSTD05077

Tot Ion:117 Resp: 280402

Ion Ratio Lower Upper

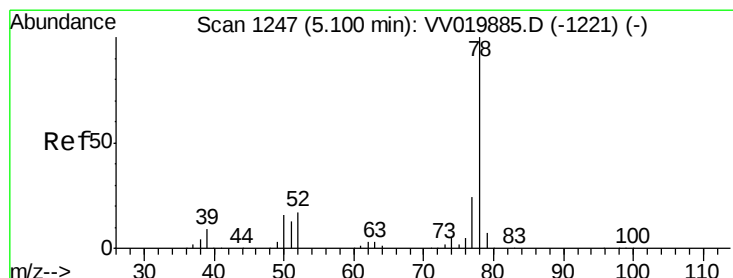
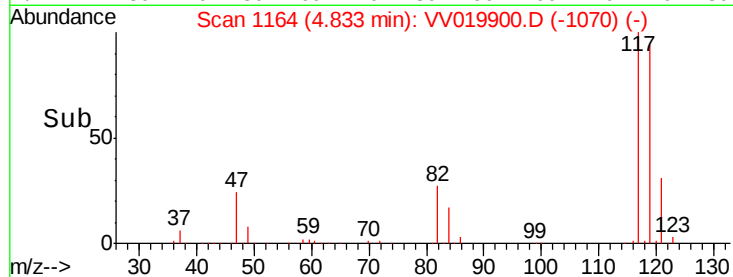
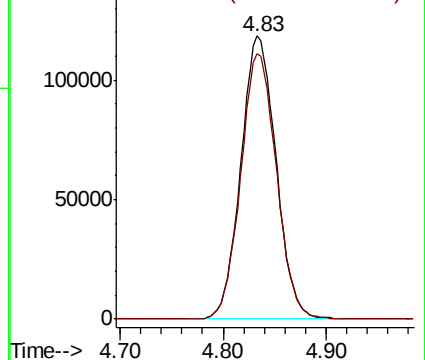
117 100

119 95.4 76.3 114.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.607 ug/L

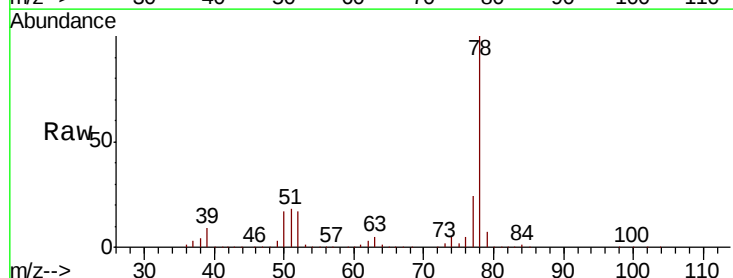
RT: 5.10 min Scan# 1248

Delta R.T. 0.00 min

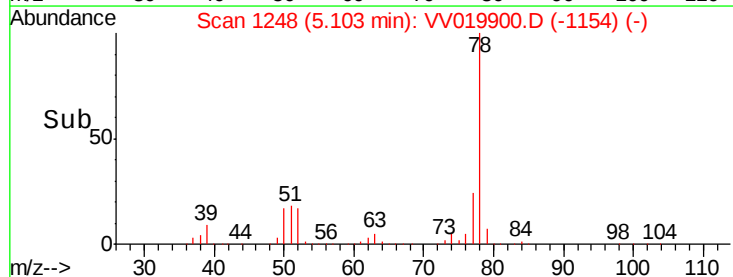
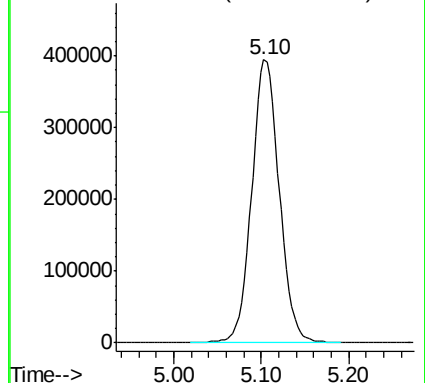
Lab File: VV019900.D

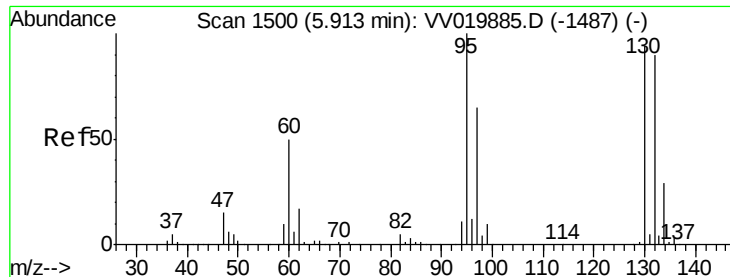
Acq: 05 Jan 2021 16:28

Tgt Ion: 78 Resp: 863052



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 49.517 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

Tot Ion: 95 Resp: 224032

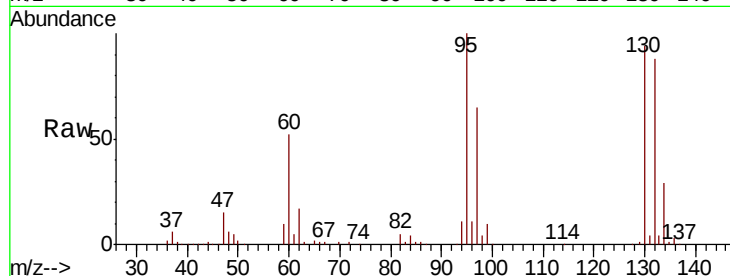
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 88.2 63.4 117.8

130 93.6 67.1 124.5

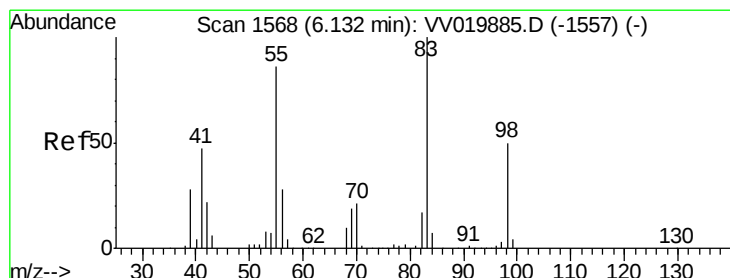
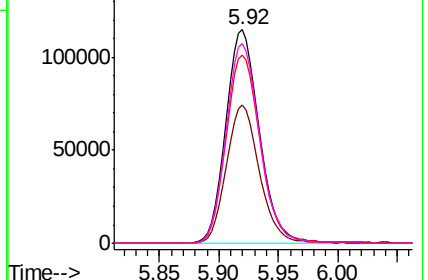
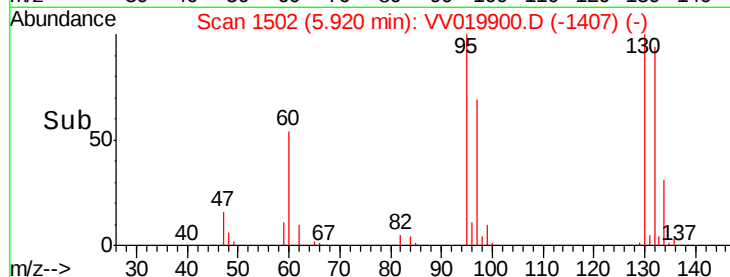


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 47.203 ug/L

RT: 6.14 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

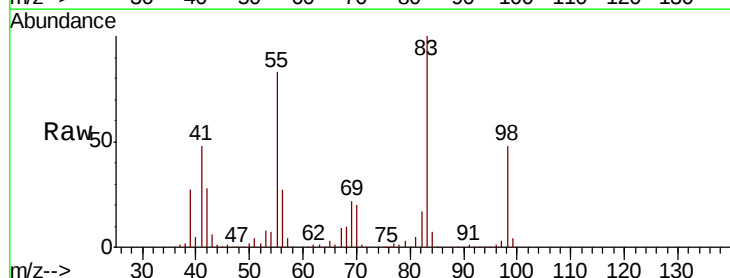
Tgt Ion: 83 Resp: 320271

Ion Ratio Lower Upper

83 100

55 82.6 65.1 97.7

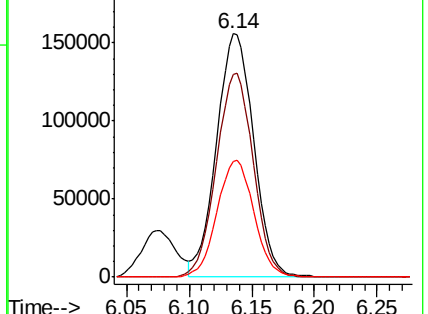
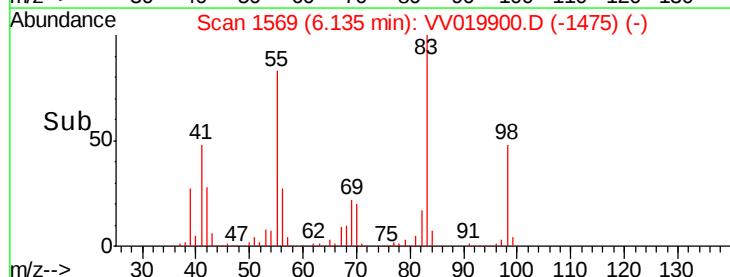
98 47.7 38.2 57.2

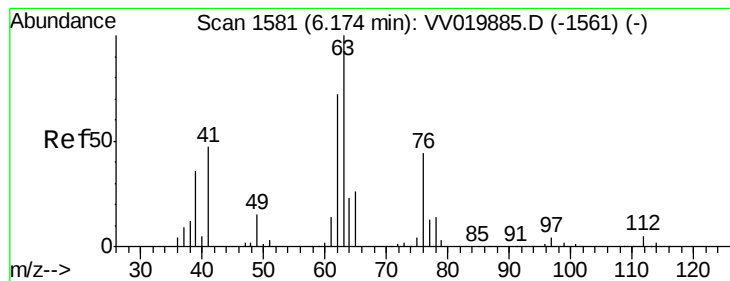


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 50.595 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

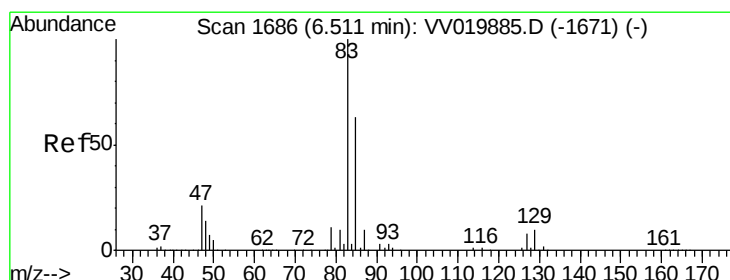
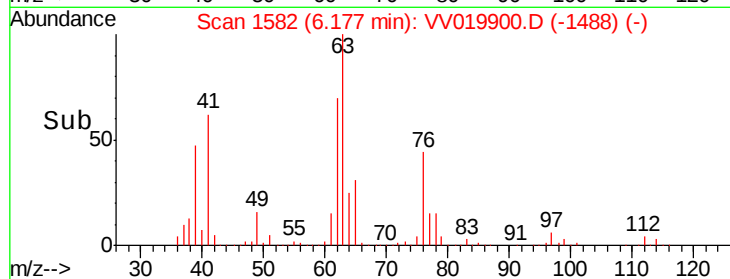
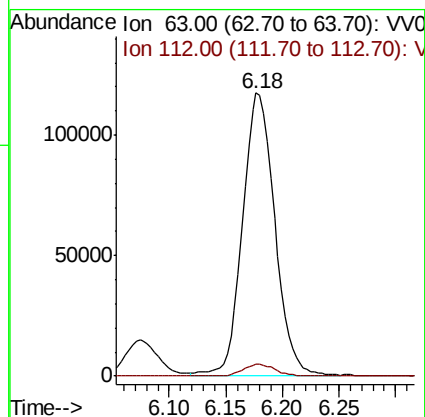
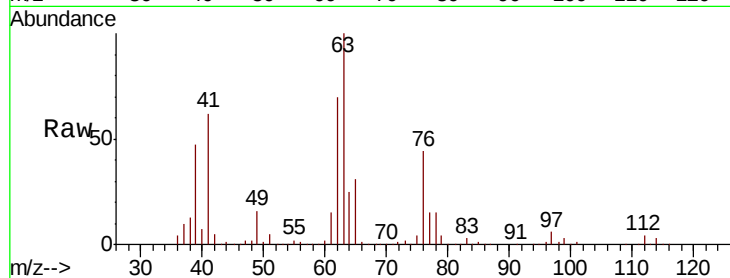
VSTD05077

Tot Ion: 63 Resp: 231711

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 49.446 ug/L

RT: 6.51 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

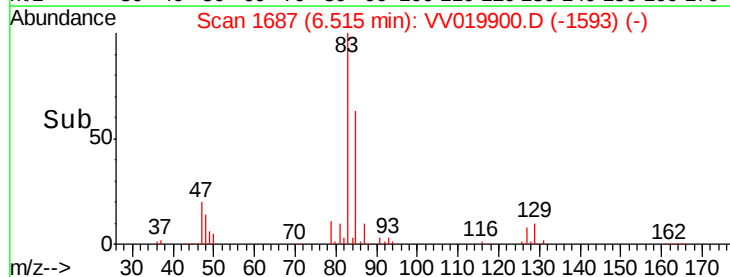
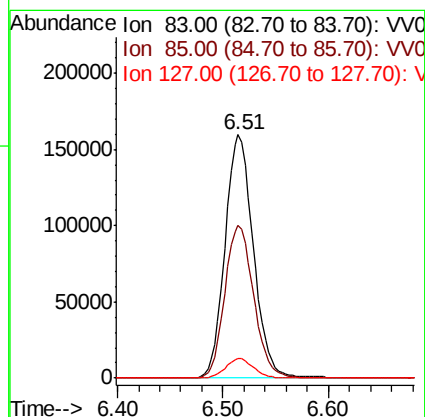
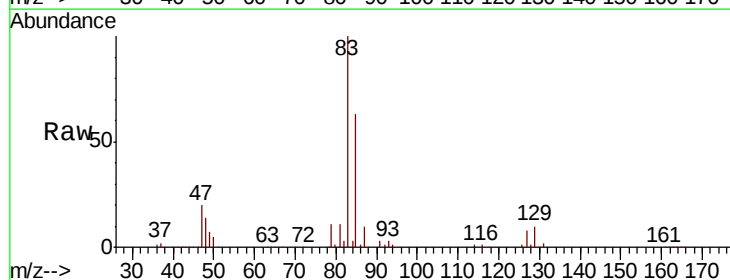
Tgt Ion: 83 Resp: 296057

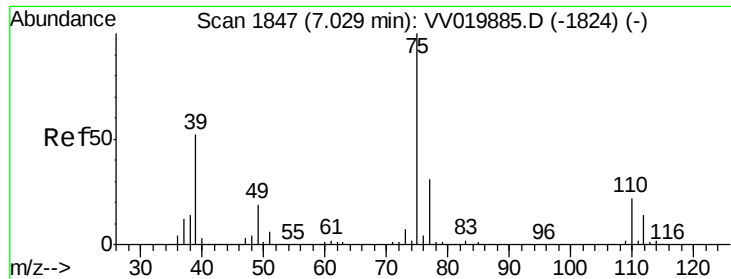
Ion Ratio Lower Upper

83 100

85 62.8 44.5 82.7

127 8.1 6.3 9.5

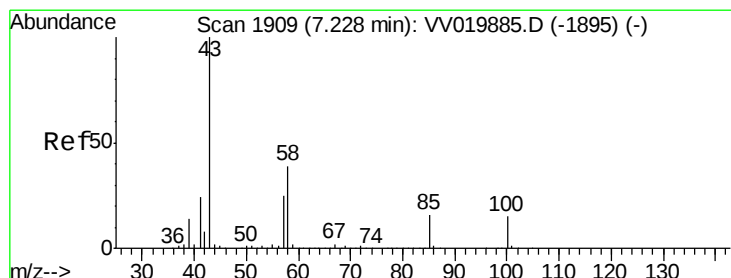
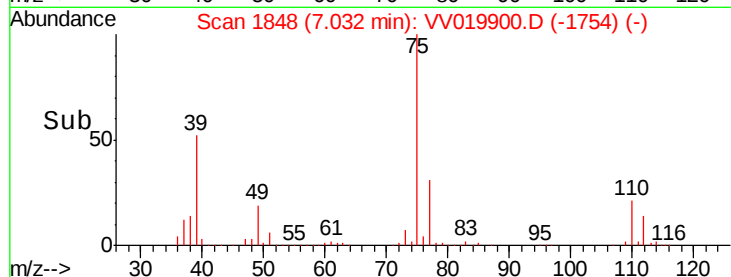
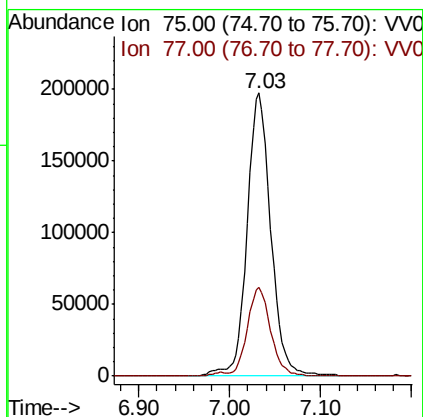
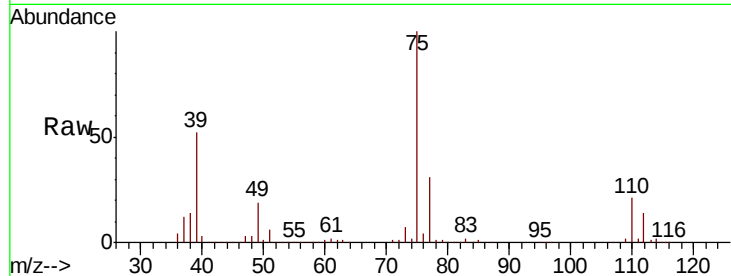




#39
 cis-1,3-Dichloropropene
 Concen: 50.811 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

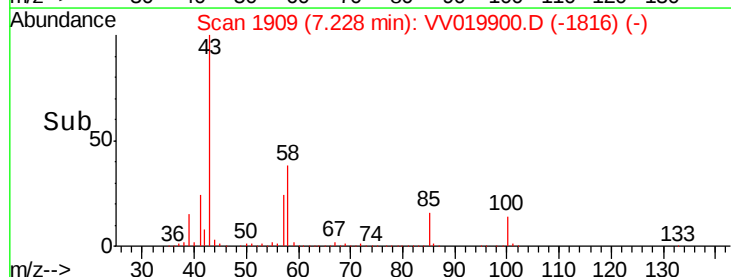
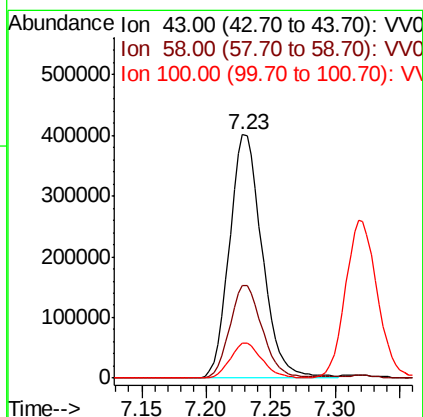
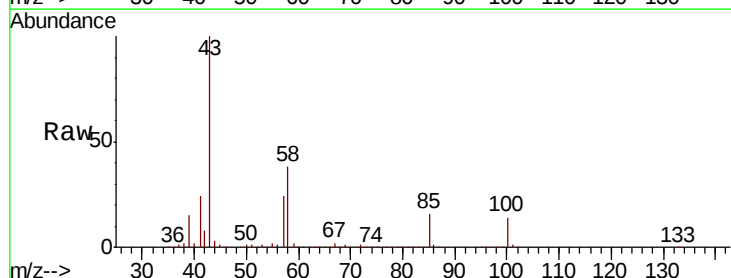
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

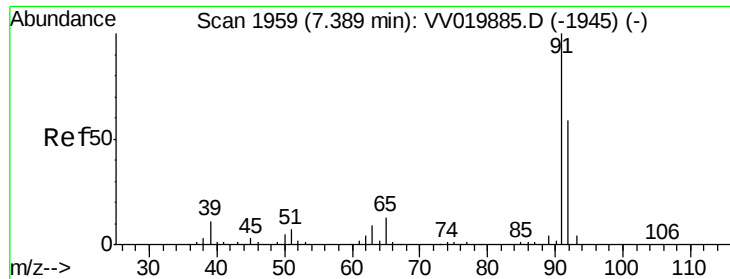
Tot Ion: 75 Resp: 358435
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 103.204 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

Tgt Ion: 43 Resp: 707727
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.7 46.1
 100 14.0 11.6 17.4





#42

Toluene

Concen: 50.550 ug/L

RT: 7.39 min Scan# 1960

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

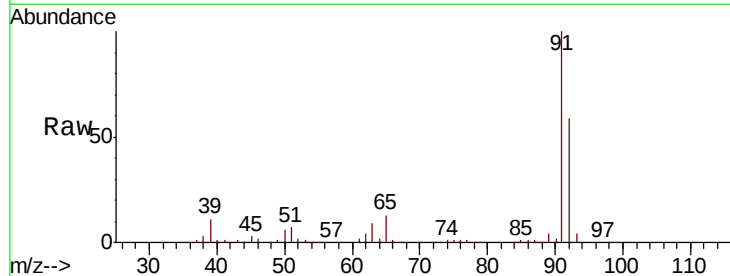
VSTD05077

Tot Ion: 91 Resp: 883063

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV019885.D (-1945) (-)

Ion 92.00 (91.70 to 92.70): VV019885.D (-1945) (-)

7.39

600000

500000

400000

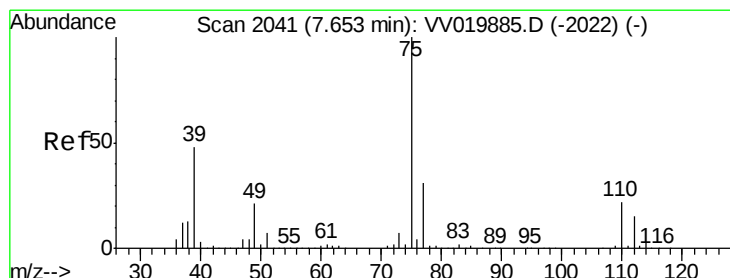
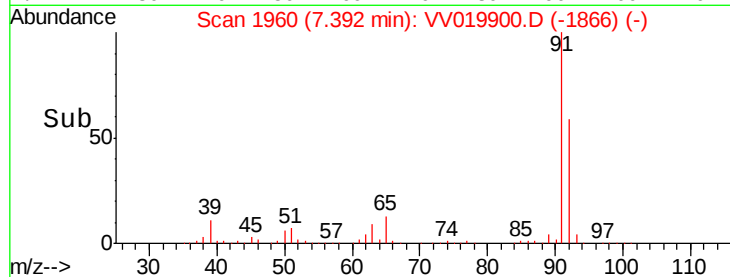
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 50.256 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. 0.00 min

Lab File: VV019900.D

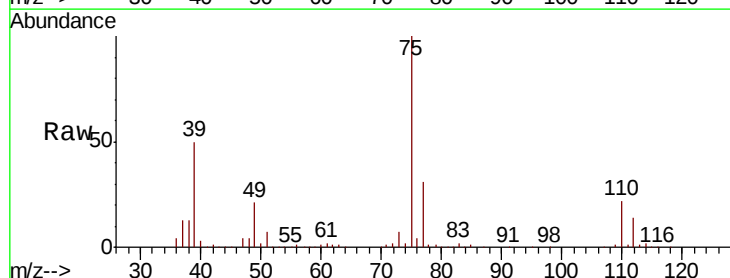
Acq: 05 Jan 2021 16:28

Tgt Ion: 75 Resp: 345784

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VV019885.D (-2022) (-)

Ion 77.00 (76.70 to 77.70): VV019885.D (-2022) (-)

7.66

200000

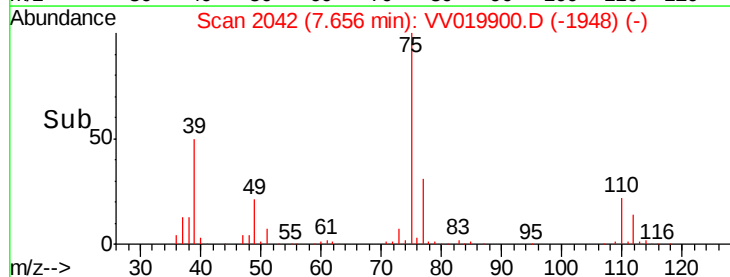
150000

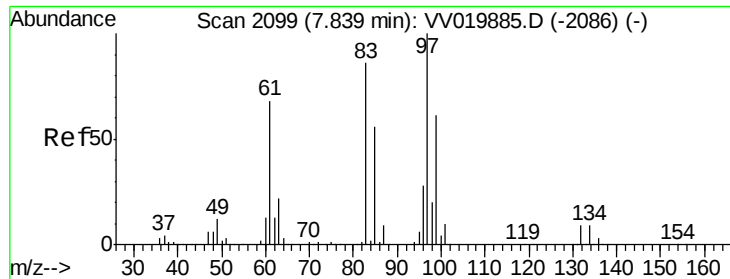
100000

50000

0

Time-->

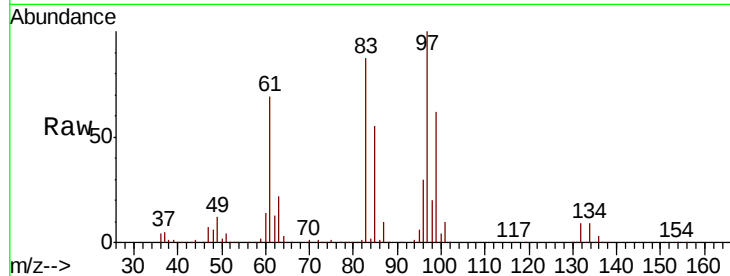




#45
 1,1,2-Trichloroethane
 Concen: 50.925 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Tot Ion:	97	Resp:	213936
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	87.4	62.2	115.4
85	55.3	39.0	72.4



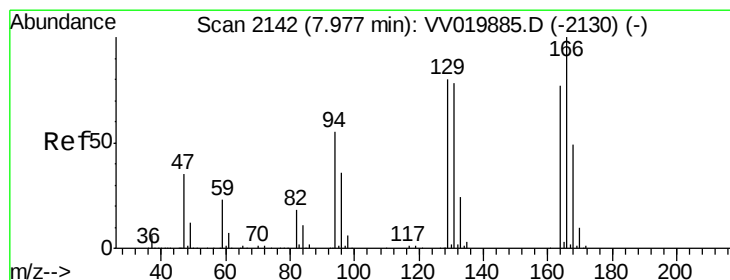
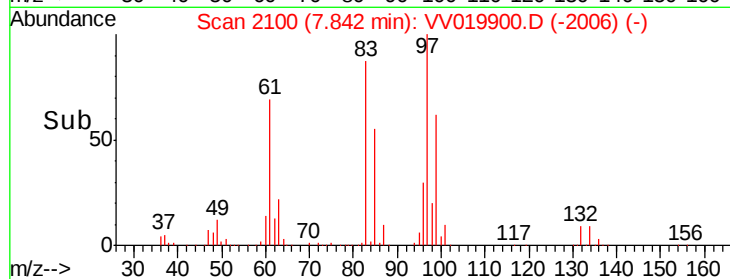
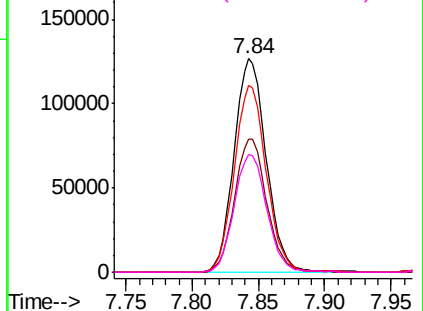
Abundance

Ion 97.00 (96.70 to 97.70): VV019900.D (-2086) (-)

Ion 99.00 (98.70 to 99.70): VV019900.D (-2086) (-)

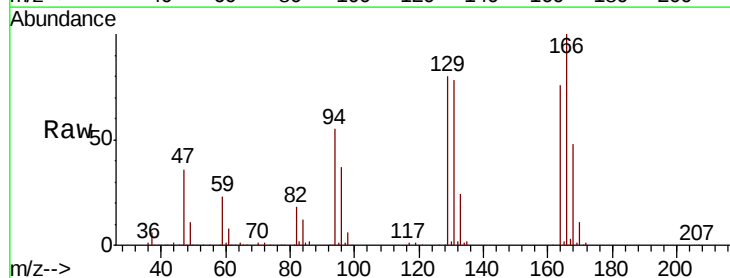
Ion 83.00 (82.70 to 83.70): VV019900.D (-2086) (-)

Ion 85.00 (84.70 to 85.70): VV019900.D (-2086) (-)



#46
 Tetrachloroethene
 Concen: 47.371 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

Tgt Ion:	164	Resp:	143127
Ion	Ratio	Lower	Upper
164	100		
129	105.0	70.6	131.0
131	102.4	66.8	124.0
166	131.2	88.2	163.8



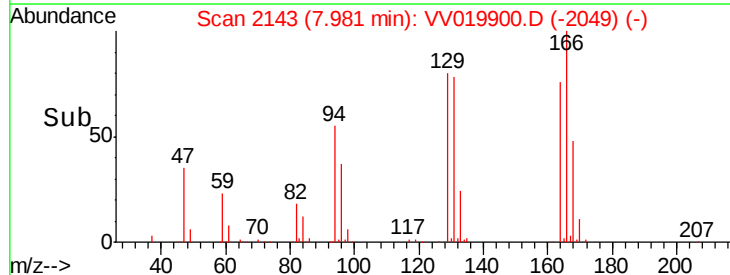
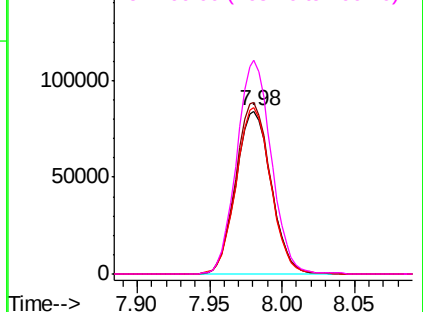
Abundance

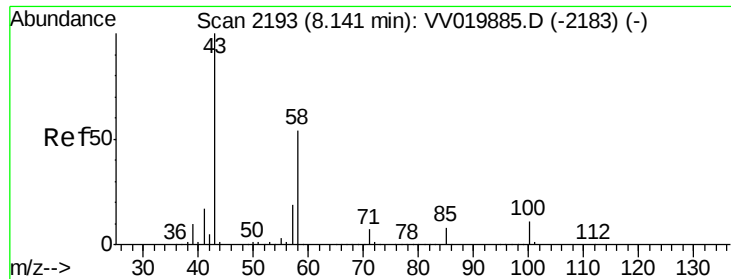
Ion 164.00 (163.70 to 164.70): VV019900.D (-2049) (-)

Ion 129.00 (128.70 to 129.70): VV019900.D (-2049) (-)

Ion 131.00 (130.70 to 131.70): VV019900.D (-2049) (-)

Ion 166.00 (165.70 to 166.70): VV019900.D (-2049) (-)

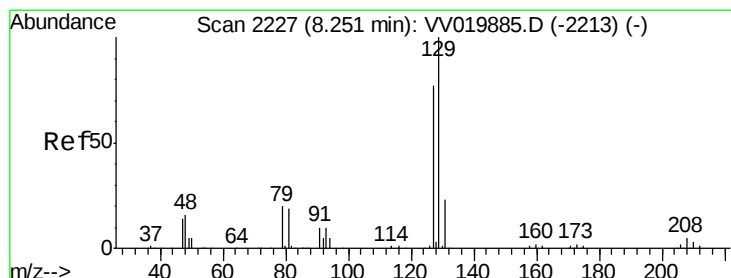
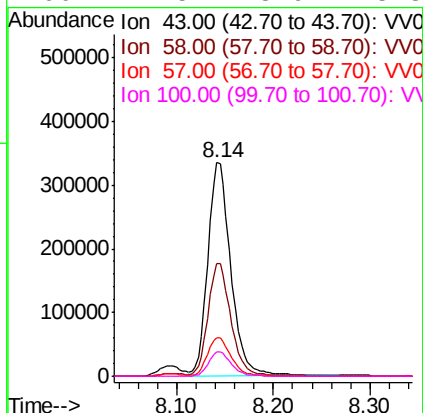
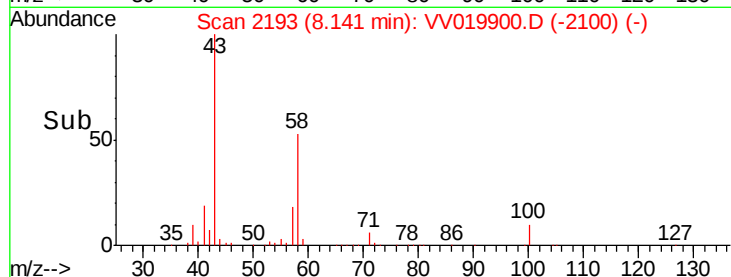
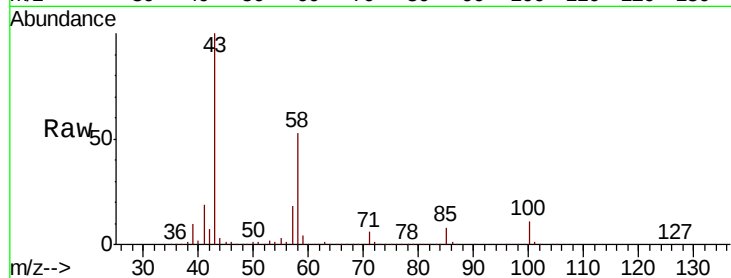




#48
2-Hexanone
Concen: 104.016 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VV019900.D
Acq: 05 Jan 2021 16:28

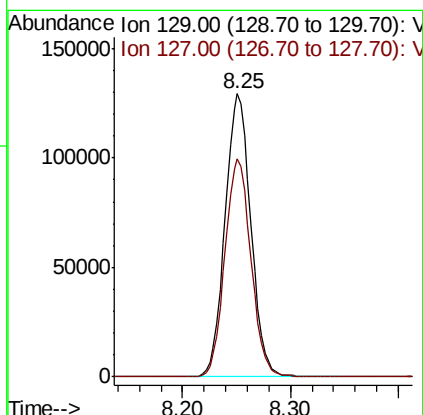
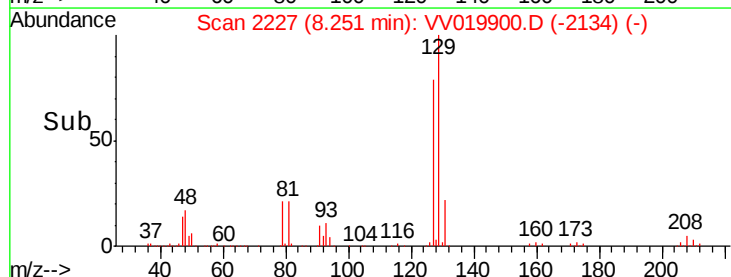
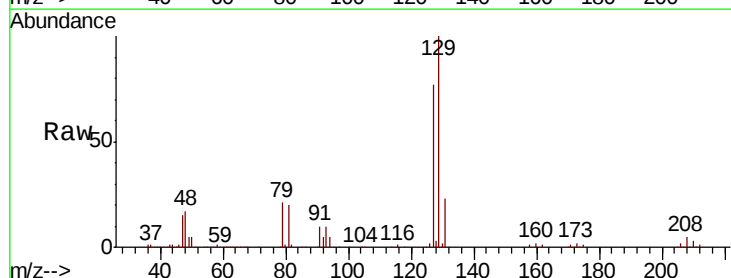
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

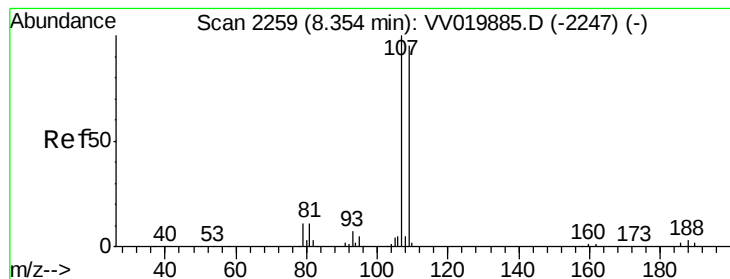
Tot Ion: 43 Resp: 551475
Ion Ratio Lower Upper
43 100
58 52.9 41.8 62.6
57 18.4 15.0 22.4
100 11.5 8.9 13.3



#49
Dibromochloromethane
Concen: 49.598 ug/L
RT: 8.25 min Scan# 2227
Delta R.T. 0.00 min
Lab File: VV019900.D
Acq: 05 Jan 2021 16:28

Tgt Ion: 129 Resp: 215449
Ion Ratio Lower Upper
129 100
127 77.2 55.2 102.6





#50

1,2-Dibromoethane

Concen: 50.455 ug/L

RT: 8.36 min Scan# 2260

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

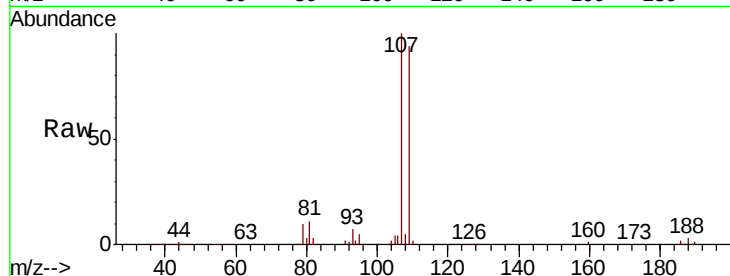
Tot Ion:107 Resp: 222454

Ion Ratio Lower Upper

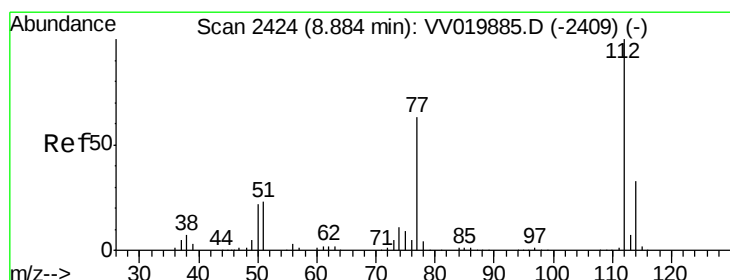
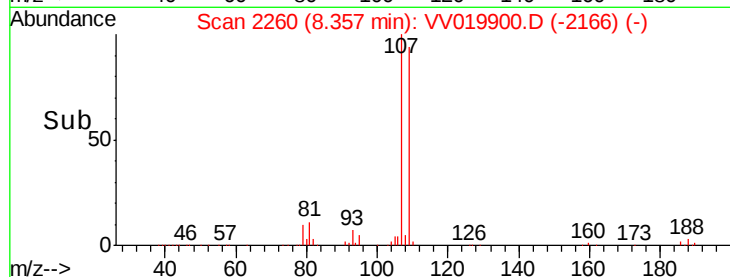
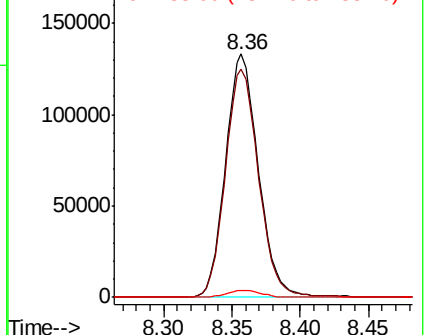
107 100

109 93.9 66.2 123.0

188 3.0 2.6 3.8



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 50.028 ug/L

RT: 8.88 min Scan# 2424

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

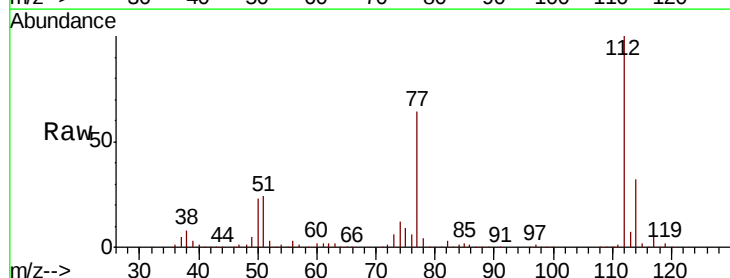
Tgt Ion:112 Resp: 557296

Ion Ratio Lower Upper

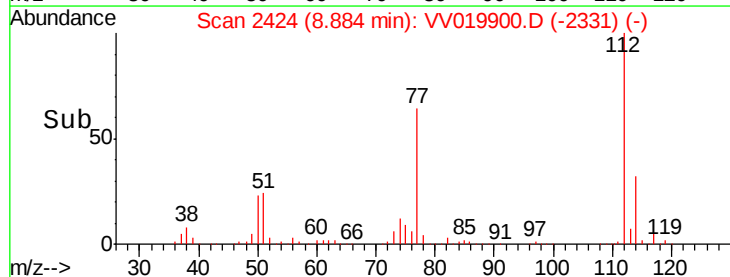
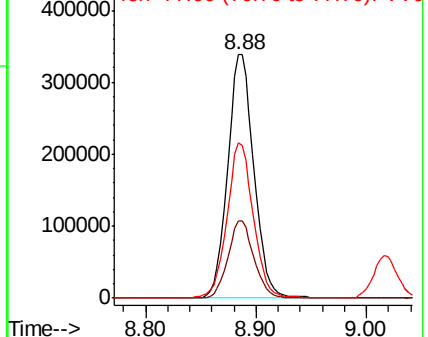
112 100

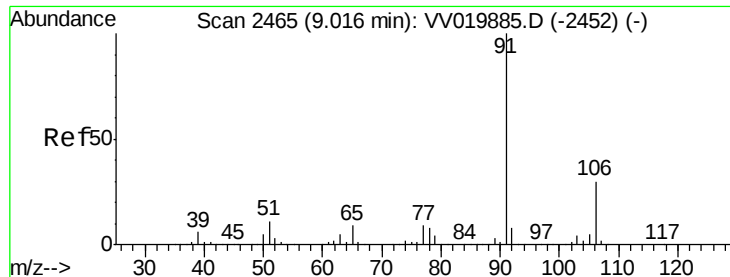
114 31.5 22.2 41.2

77 63.8 49.0 73.6



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 50.219 ug/L

RT: 9.02 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

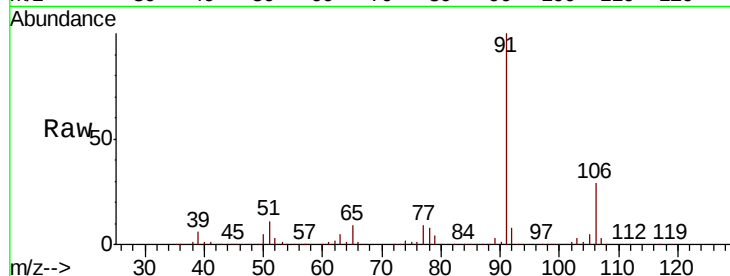
VSTD05077

Tot Ion: 91 Resp: 987200

Ion Ratio Lower Upper

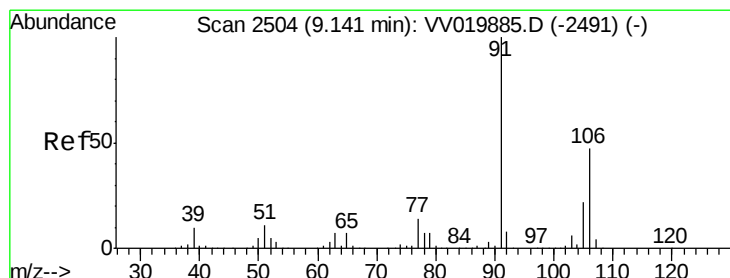
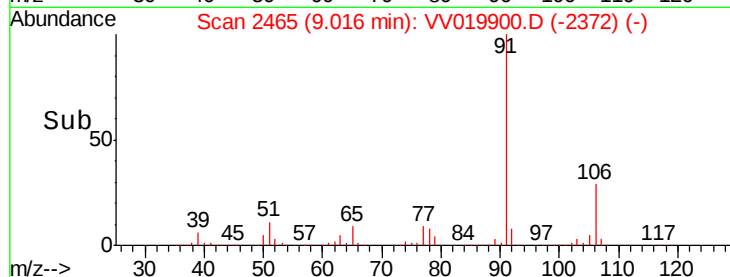
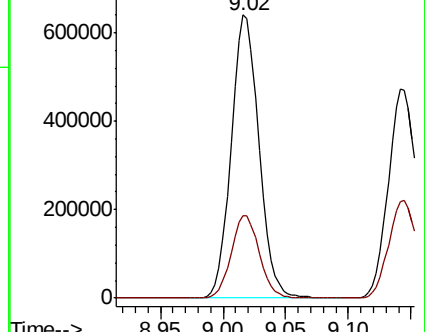
91 100

106 29.3 21.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VV019885.D (-2452) (-)

Ion 106.00 (105.70 to 106.70): VV019885.D (-2452) (-)



#53

m,p-Xylene

Concen: 49.814 ug/L

RT: 9.14 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VV019900.D

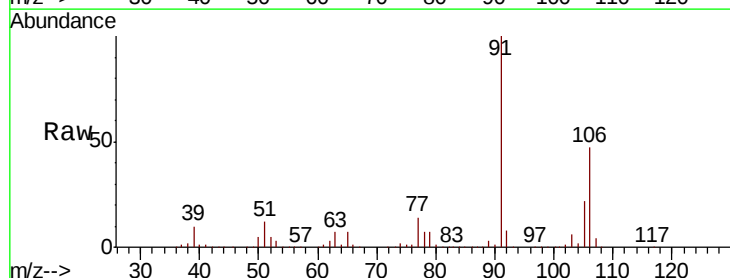
Acq: 05 Jan 2021 16:28

Tgt Ion: 106 Resp: 356671

Ion Ratio Lower Upper

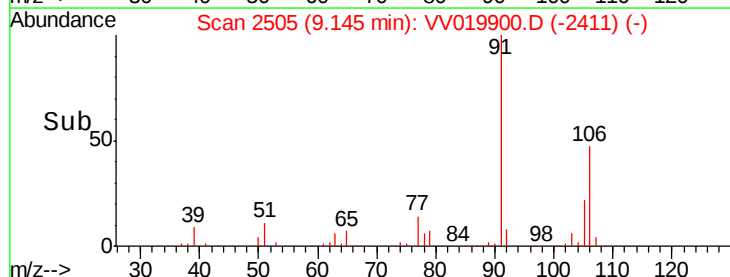
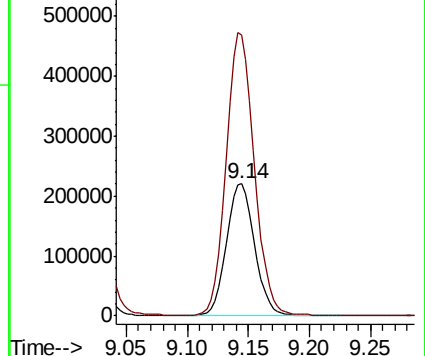
106 100

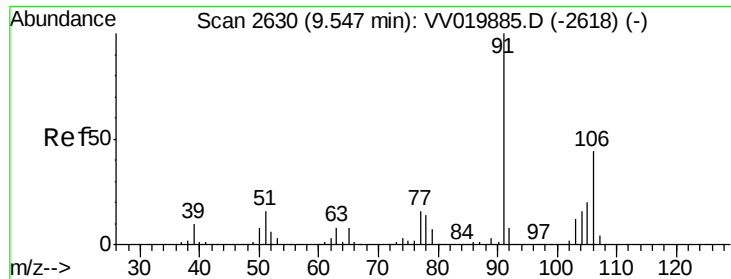
91 213.4 148.1 275.0



Abundance Ion 106.00 (105.70 to 106.70): VV019885.D (-2491) (-)

Ion 91.00 (90.70 to 91.70): VV019885.D (-2491) (-)





#54

o-xylene

Concen: 50.016 ug/L

RT: 9.55 min Scan# 2631

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

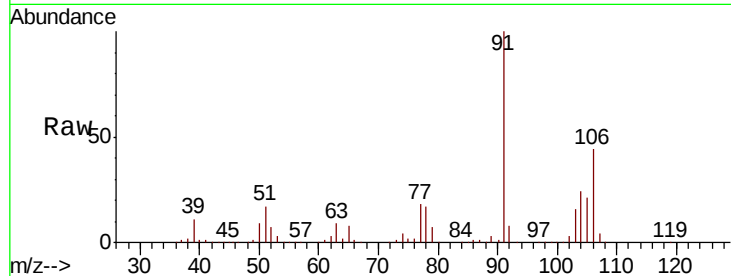
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tot Ion:106 Resp: 350112

Ion Ratio Lower Upper

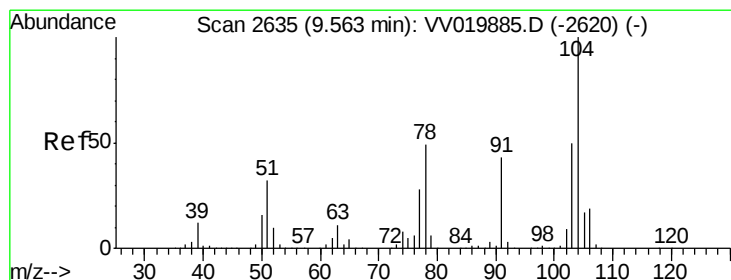
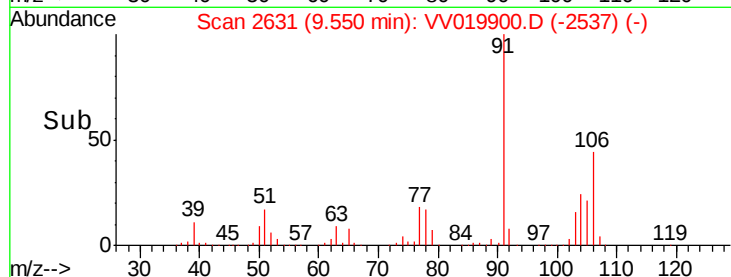
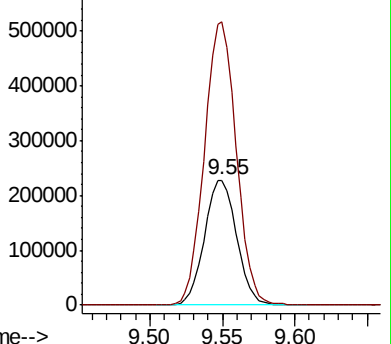
106 100

91 226.2 156.4 290.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 51.470 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV019900.D

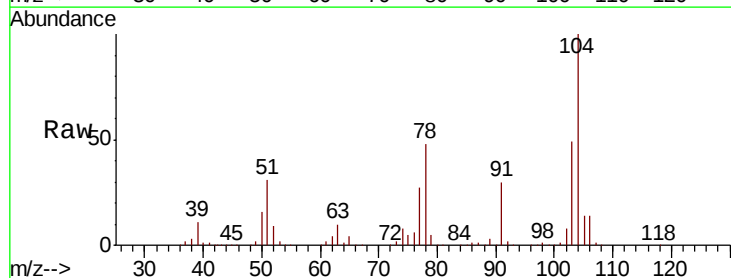
Acq: 05 Jan 2021 16:28

Tgt Ion:104 Resp: 626186

Ion Ratio Lower Upper

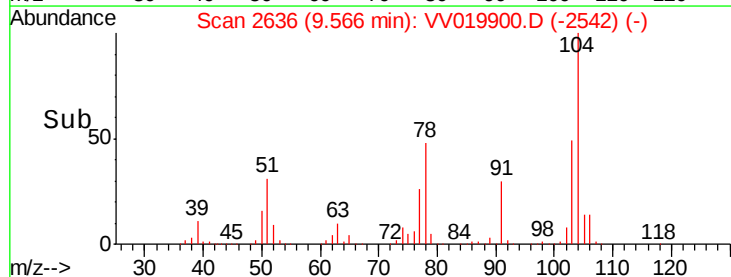
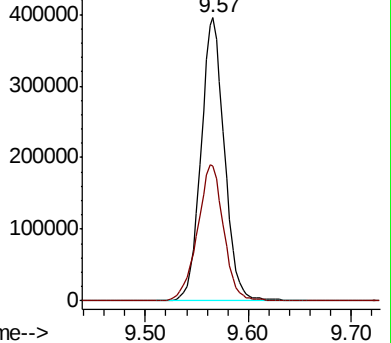
104 100

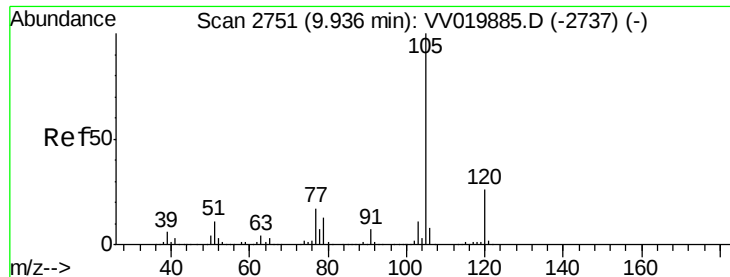
78 47.8 33.7 62.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 49.766 ug/L

RT: 9.94 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

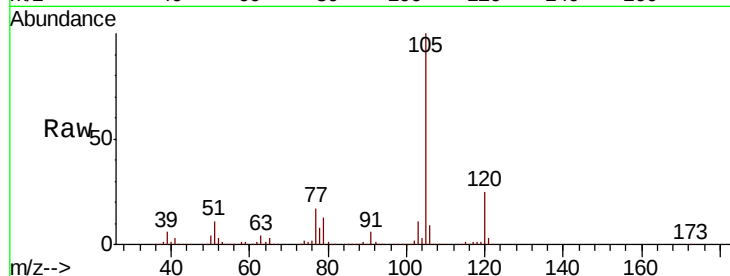
Tot Ion:105 Resp: 932969

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

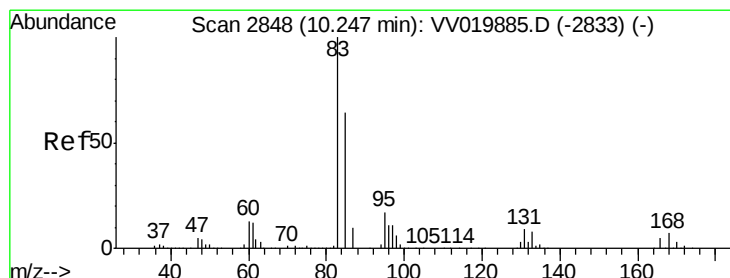
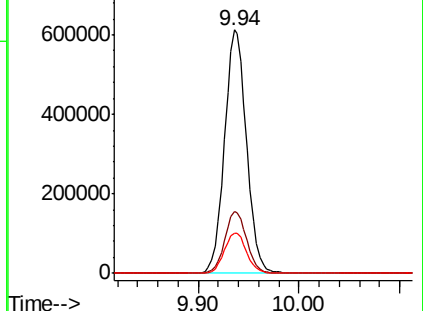
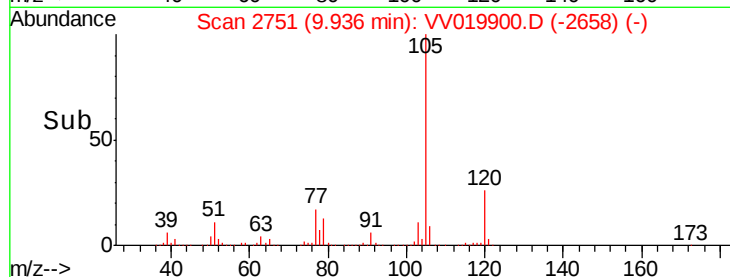
77 16.8 13.6 20.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 50.788 ug/L

RT: 10.25 min Scan# 2848

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

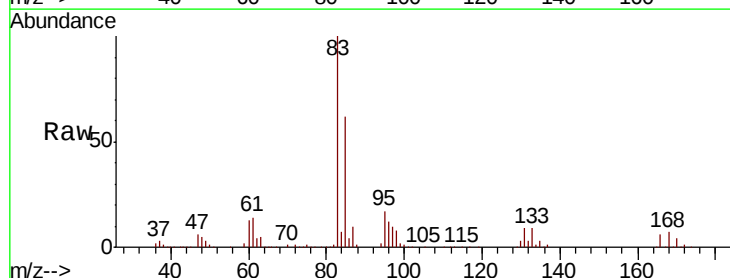
Tgt Ion: 83 Resp: 338878

Ion Ratio Lower Upper

83 100

85 62.4 44.3 82.3

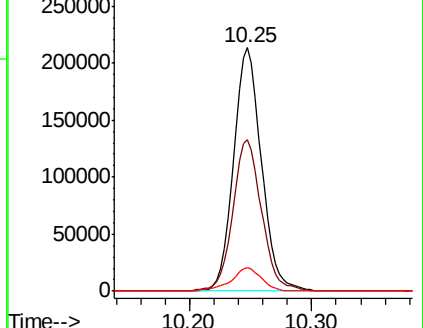
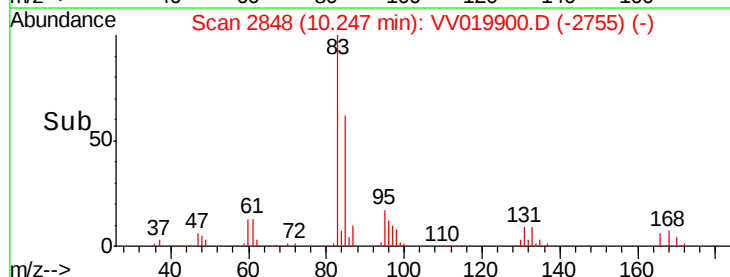
131 9.4 7.3 10.9

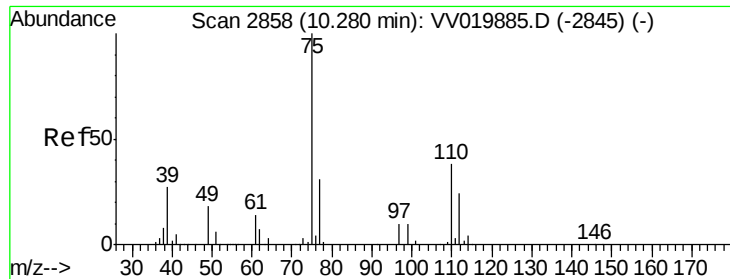


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 50.210 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

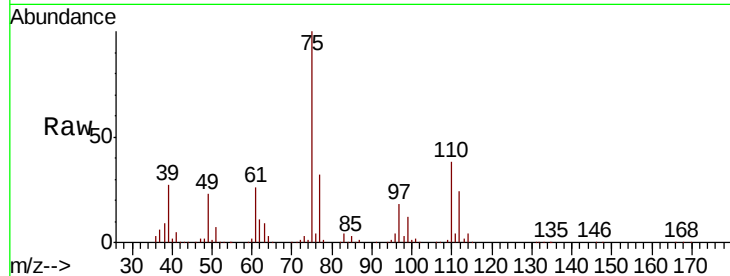
VSTD05077

Tot Ion: 75 Resp: 292334

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV019885.D (-2845) (-)

Ion 77.00 (76.70 to 77.70): VV019885.D (-2845) (-)

10.28

200000

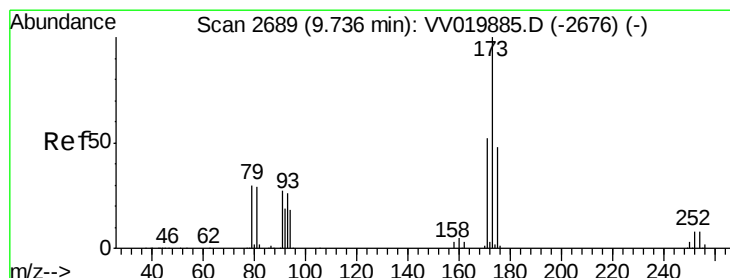
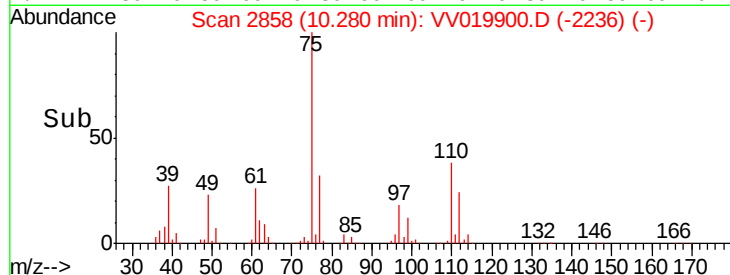
150000

100000

50000

0

Time-->



#61

Bromoform

Concen: 47.913 ug/L

RT: 9.74 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

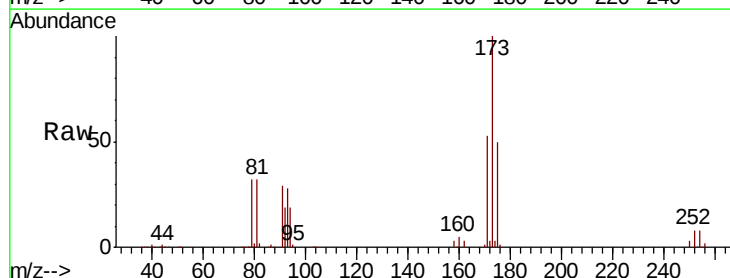
Tgt Ion: 173 Resp: 136863

Ion Ratio Lower Upper

173 100

175 48.0 38.6 57.8

254 7.8 6.5 9.7



Abundance Ion 173.00 (172.70 to 173.70): VV019885.D (-2676) (-)

Ion 175.00 (174.70 to 175.70): VV019885.D (-2676) (-)

Ion 254.00 (253.70 to 254.70): VV019885.D (-2676) (-)

9.74

100000

80000

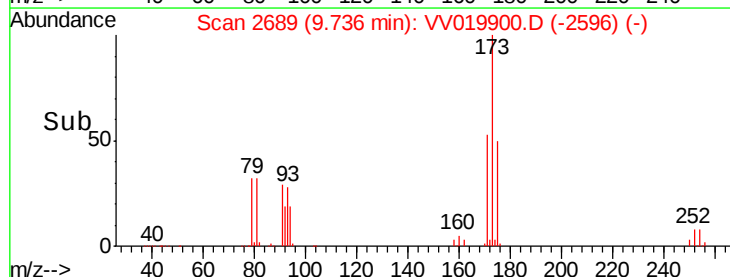
60000

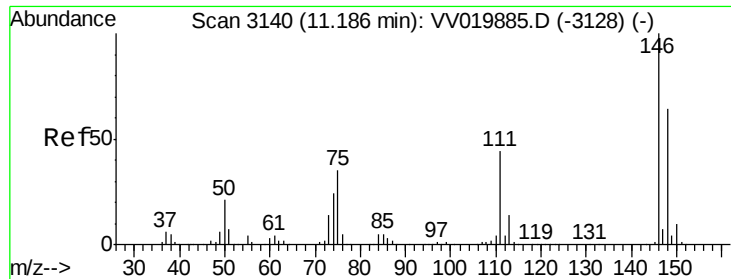
40000

20000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 48.943 ug/L

RT: 11.19 min Scan# 3140

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

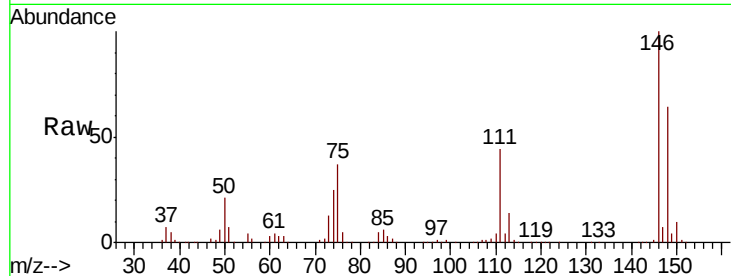
Tot Ion:146 Resp: 413822

Ion Ratio Lower Upper

146 100

111 44.4 30.2 56.2

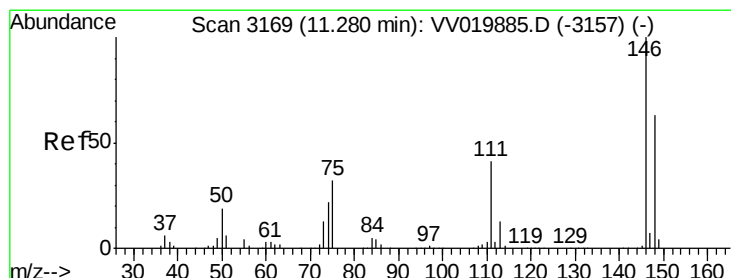
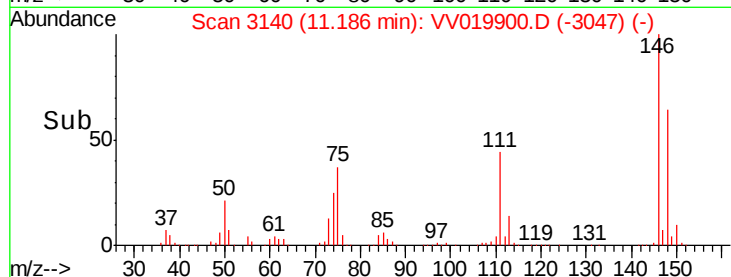
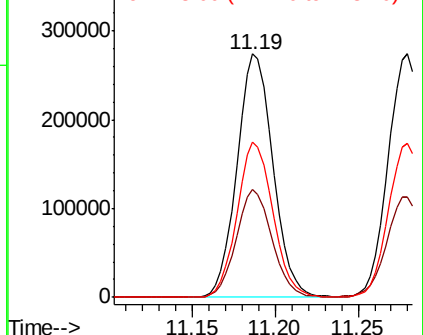
148 63.6 45.0 83.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 48.197 ug/L

RT: 11.28 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

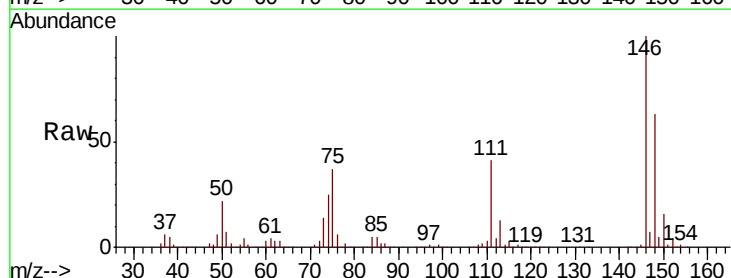
Tgt Ion:146 Resp: 419130

Ion Ratio Lower Upper

146 100

111 41.4 29.4 54.6

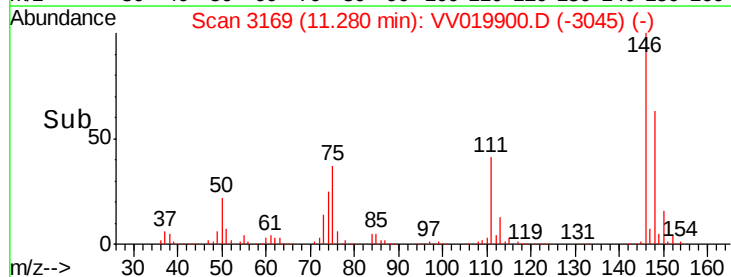
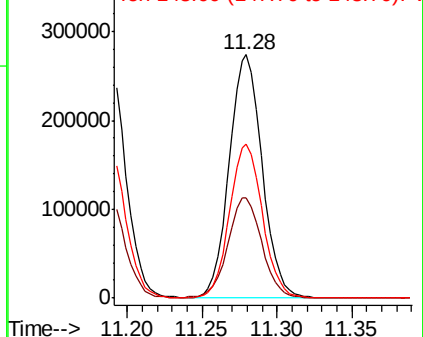
148 63.4 44.7 83.1

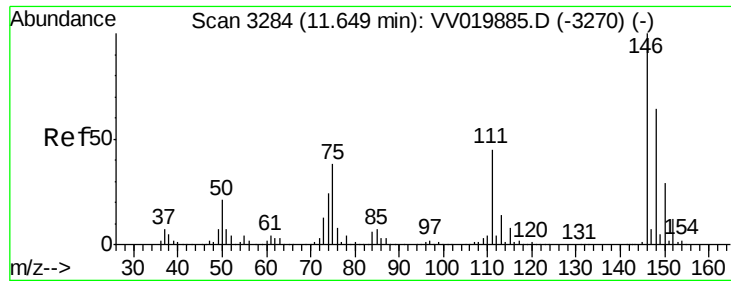


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

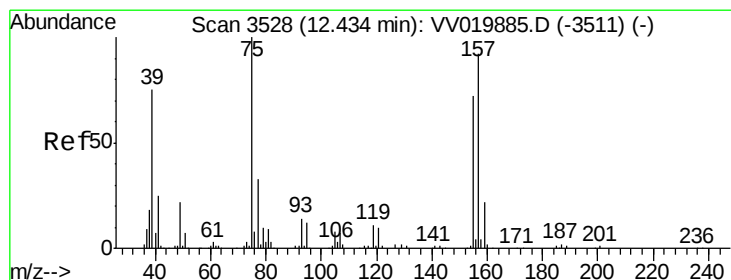
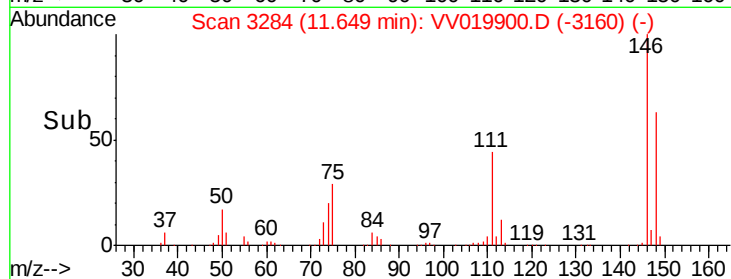
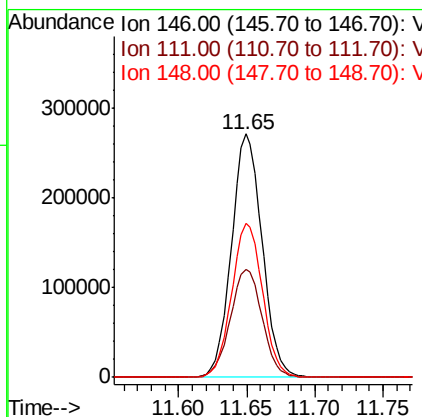
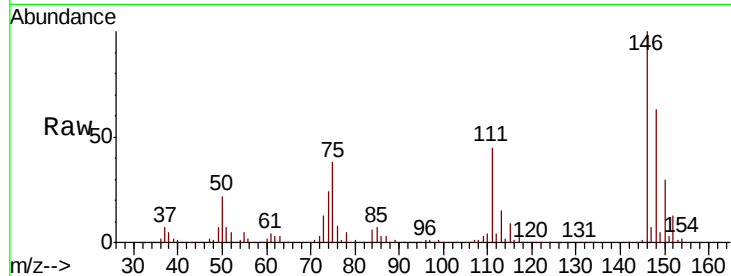




#65
 1,2-Dichlorobenzene
 Concen: 48.980 ug/L
 RT: 11.65 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

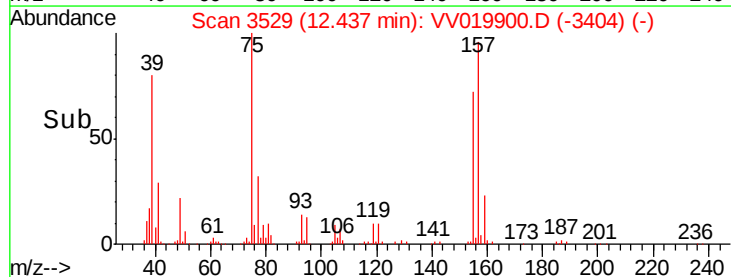
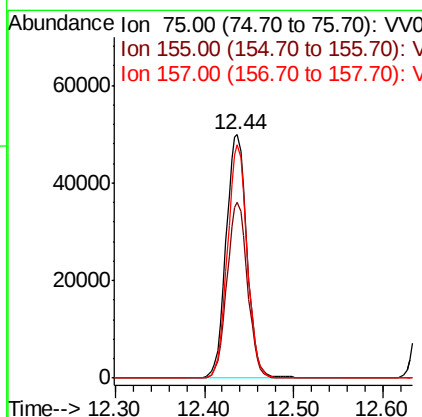
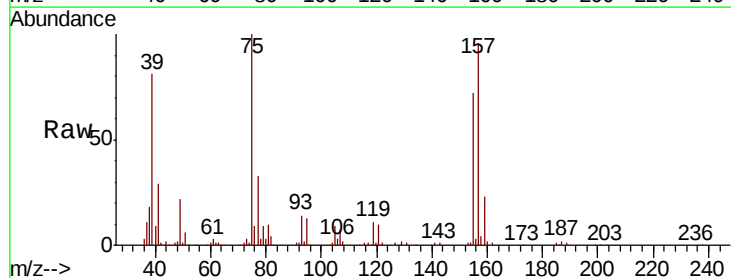
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

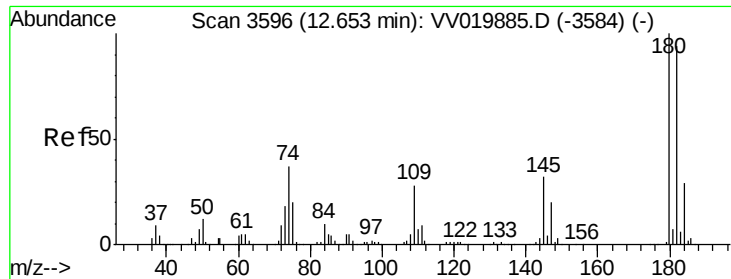
Tot Ion:146 Resp: 422744
 Ion Ratio Lower Upper
 146 100
 111 44.6 36.3 54.5
 148 63.2 51.7 77.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 49.236 ug/L
 RT: 12.44 min Scan# 3529
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

Tgt Ion: 75 Resp: 80889
 Ion Ratio Lower Upper
 75 100
 155 72.2 59.1 88.7
 157 96.0 75.4 113.0

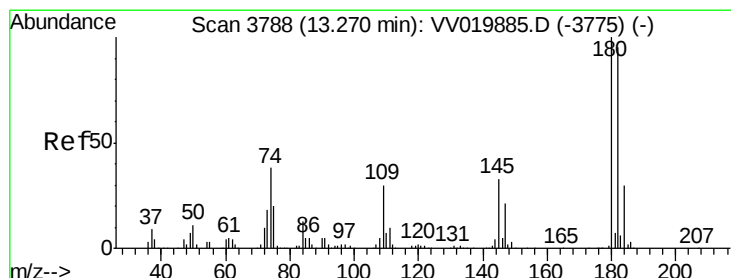
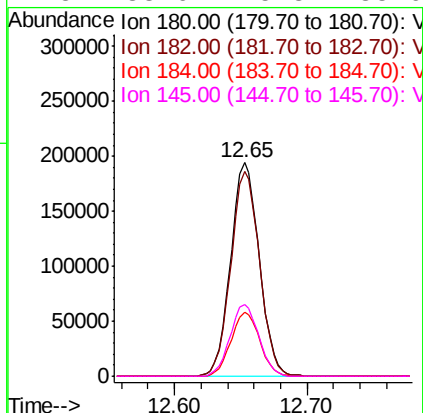
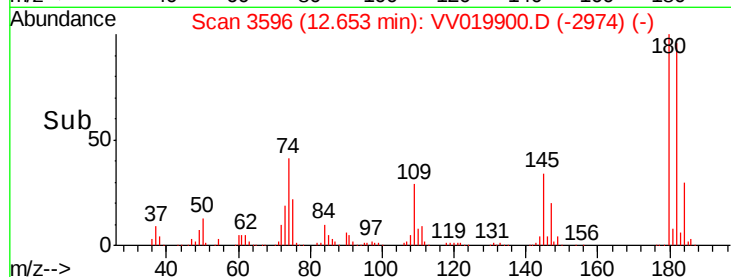
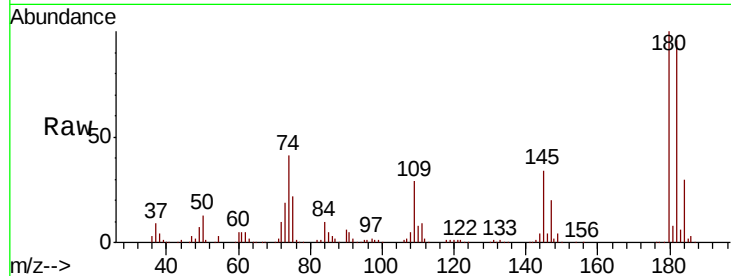




#67
 1,3,5-Trichlorobenzene
 Concen: 47.684 ug/L
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

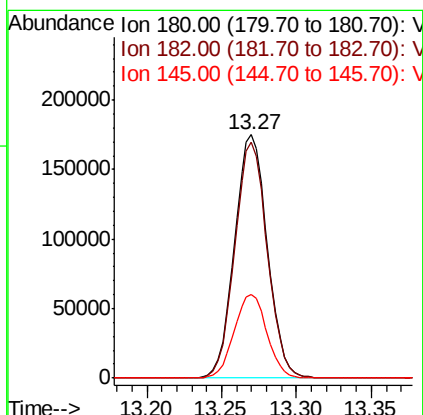
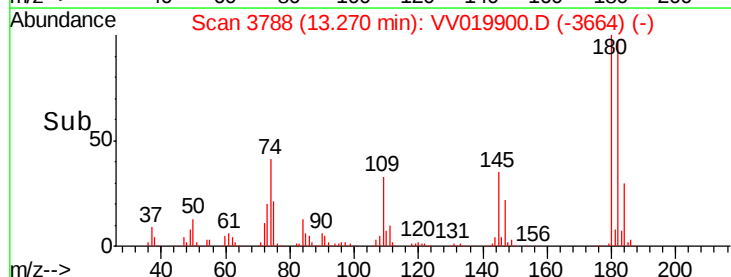
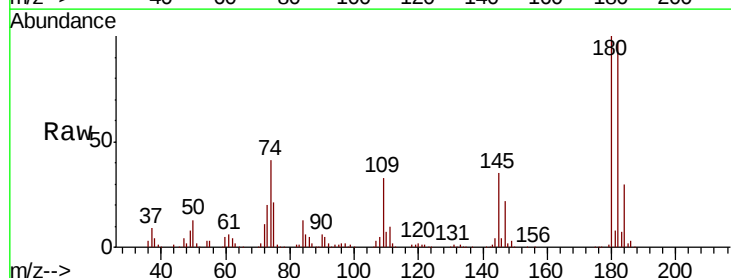
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

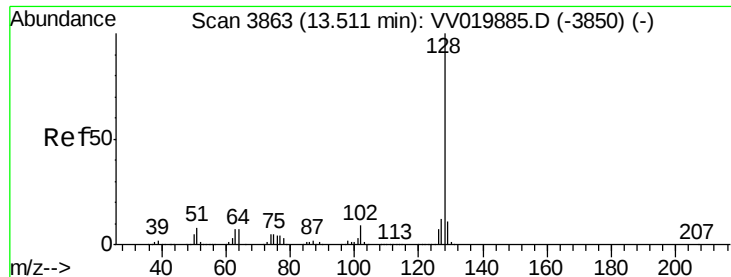
Tot Ion:180	Resp:	290886
Ion Ratio	Lower	Upper
180	100	
182	96.3	75.0 112.6
184	30.2	24.0 36.0
145	33.6	25.8 38.6



#68
 1,2,4-trichlorobenzene
 Concen: 49.053 ug/L
 RT: 13.27 min Scan# 3788
 Delta R.T. 0.00 min
 Lab File: VV019900.D
 Acq: 05 Jan 2021 16:28

Tgt Ion:180	Resp:	266432
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.1 112.7
145	34.4	26.8 40.2





#69

Naphthalene

Concen: 53.599 ug/L

RT: 13.51 min Scan# 3863

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

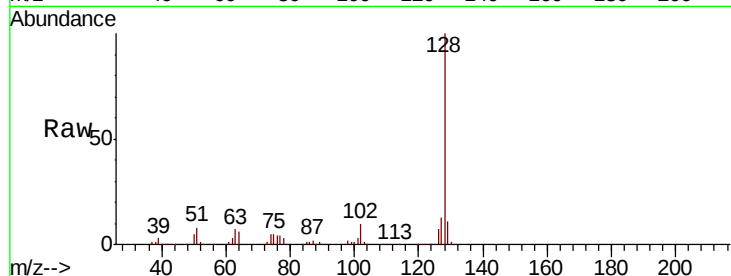
Tot Ion:128 Resp: 915704

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

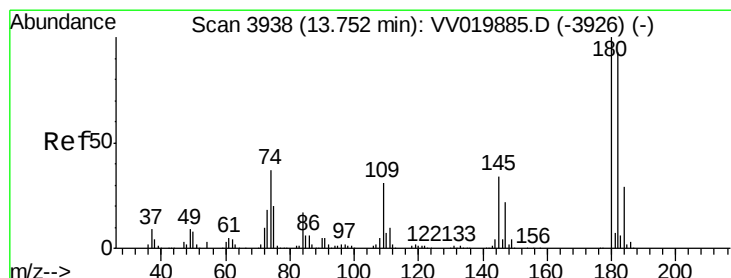
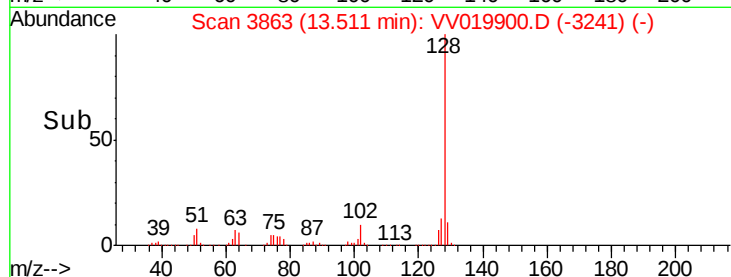
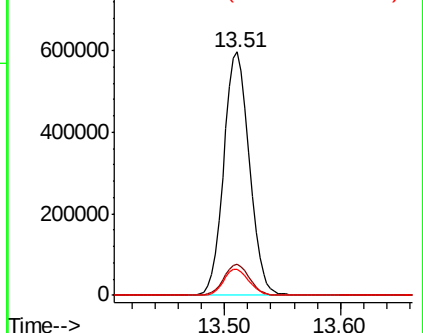
129 10.8 8.6 13.0



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: 50.766 ug/L

RT: 13.75 min Scan# 3938

Delta R.T. 0.00 min

Lab File: VV019900.D

Acq: 05 Jan 2021 16:28

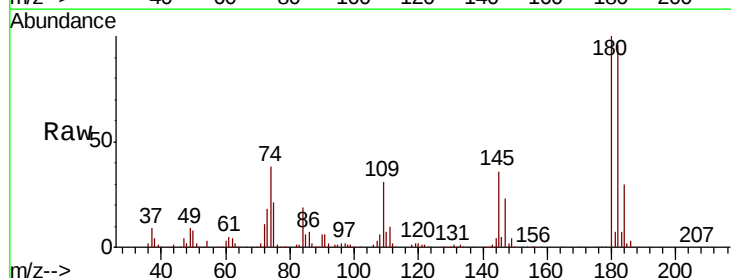
Tgt Ion:180 Resp: 267991

Ion Ratio Lower Upper

180 100

182 95.2 76.1 114.1

145 35.5 27.9 41.9



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

