

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052721\
 Data File : VV021445.D
 Acq On : 27 May 2021 16:11
 Operator : SY/MD
 Sample : M2250-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 03:22:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 28 02:47:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	492299	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	461496	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	260748	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	143153	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.34%
7) Chloroethane-d5	1.568	69	104534	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.72%
11) 1,1-Dichloroethene-d2	2.108	63	196101	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.82%
21) 2-Butanone-d5	3.876	46	214126	92.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.13%
24) Chloroform-d	4.346	84	294069	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.027	65	180335	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.046	84	610796	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
36) 1,2-Dichloropropane-d6	6.069	67	192461	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.313	98	582928	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%
43) trans-1,3-Dichloroprop...	7.619	79	99134	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.92%
47) 2-Hexanone-d5	8.085	63	169128	92.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.38%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	262094	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
66) 1,2-Dichlorobenzene-d4	11.622	152	259354	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	8003	2.35	ug/L	99
3) Chloromethane	1.240	50	7723	2.27	ug/L	95
5) Vinyl chloride	1.310	62	8966	2.57	ug/L #	75
6) Bromomethane	1.523	94	5708	2.39	ug/L	99
8) Chloroethane	1.584	64	4581	2.31	ug/L	99
9) Trichlorofluoromethane	1.751	101	11853	2.29	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	8321	2.77	ug/L #	83
12) 1,1-Dichloroethene	2.114	96	7962	2.76	ug/L #	1
13) Acetone	2.172	43	8856	4.43	ug/L #	86
14) Carbon disulfide	2.294	76	20834	2.29	ug/L	97
15) Methyl Acetate	2.432	43	7406	2.16	ug/L	98
16) Methylene chloride	2.506	84	10185	2.81	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	7980	2.42	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	23252	2.23	ug/L	97
19) 1,1-Dichloroethane	3.191	63	12772	2.19	ug/L	96
20) cis-1,2-Dichloroethene	3.908	96	8502	2.31	ug/L	98
23) Bromochloromethane	4.255	128	4680	2.29	ug/L	92
25) Chloroform	4.374	83	15338	2.54	ug/L	95
27) 1,2-Dichloroethane	5.136	62	9253	2.22	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

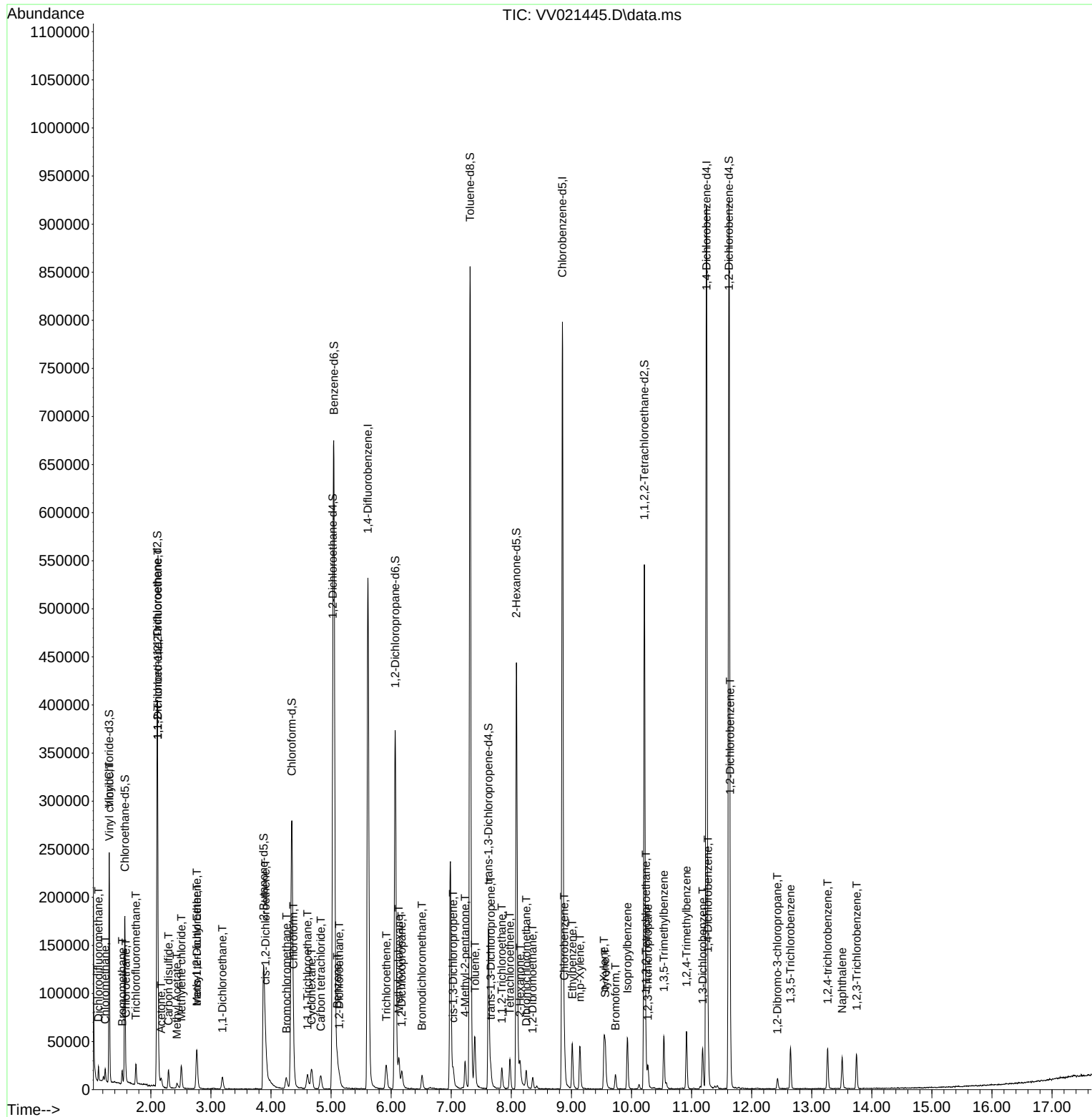
29) Cyclohexane	4.673	56	12345	2.30	ug/L #	63
30) 1,1,1-Trichloroethane	4.606	97	12243	2.15	ug/L	99
31) Carbon tetrachloride	4.828	117	10867	2.10	ug/L	96
33) Benzene	5.101	78	29732	2.25	ug/L	100
34) Trichloroethene	5.921	95	8427	2.35	ug/L	95
35) Methylcyclohexane	6.127	83	12215	2.12	ug/L	96
37) 1,2-Dichloropropane	6.175	63	7769	2.31	ug/L #	92
38) Bromodichloromethane	6.513	83	10363	2.19	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	10992	1.94	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	19075	4.18	ug/L	97
42) Toluene	7.394	91	40731	2.78	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	12180	2.27	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	7423	2.17	ug/L	95
46) Tetrachloroethene	7.976	164	7609	2.31	ug/L	96
48) 2-Hexanone	8.146	43	14145	4.04	ug/L #	87
49) Dibromochloromethane	8.249	129	9335	2.18	ug/L	98
50) 1,2-Dibromoethane	8.355	107	8462	2.25	ug/L #	92
51) Chlorobenzene	8.882	112	22559	2.33	ug/L	97
52) Ethylbenzene	9.014	91	35299	2.19	ug/L	99
53) m,p-Xylene	9.143	106	13605	2.20	ug/L	98
54) o-Xylene	9.545	106	13684	2.24	ug/L	95
55) Styrene	9.564	104	22424	2.13	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	12712	2.38	ug/L #	97
59) Bromoform	9.734	173	7364	2.09	ug/L #	97
60) Isopropylbenzene	9.931	105	36762	2.28	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	9161	2.24	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	30553	2.20	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	31082	2.21	ug/L	97
64) 1,3-Dichlorobenzene	11.184	146	19027	2.33	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	19319	2.34	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	18675	2.29	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.429	75	2745	2.15	ug/L	83
69) 1,3,5-Trichlorobenzene	12.647	180	14474	2.10	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	14464	2.35	ug/L	99
71) Naphthalene	13.506	128	27991	1.65	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	12256	2.05	ug/L	99

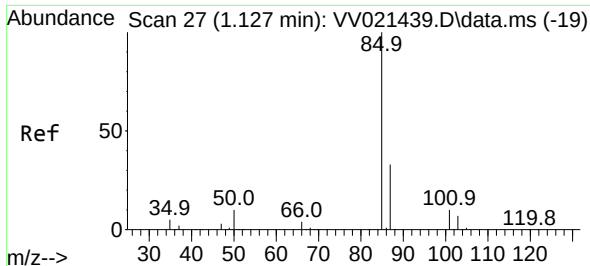
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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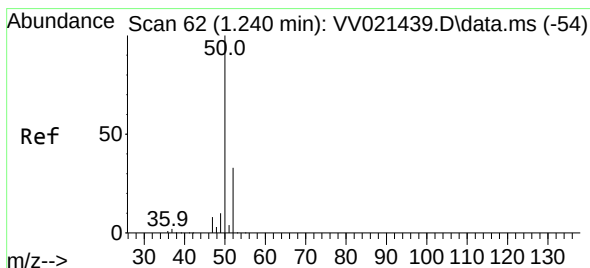
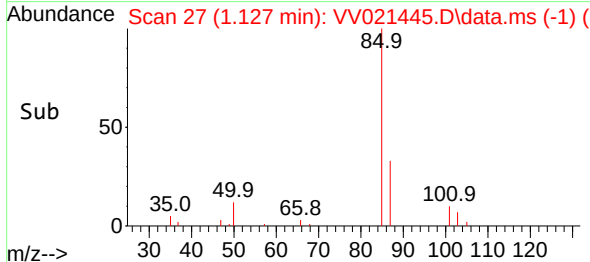
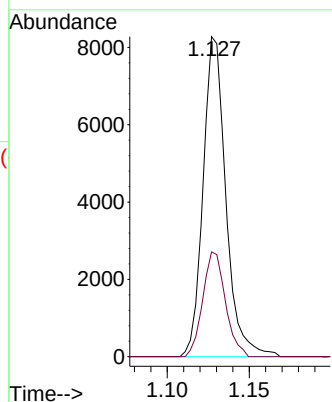
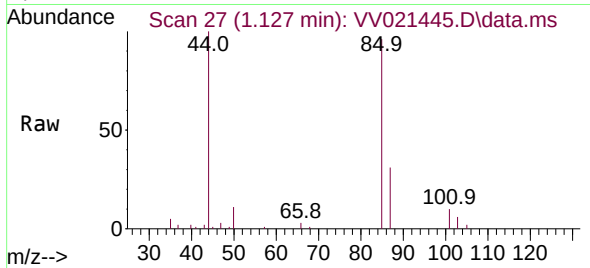




#2
 Dichlorodifluoromethane
 Concen: 2.35 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021445.D
 Acq: 27 May 2021 16:11

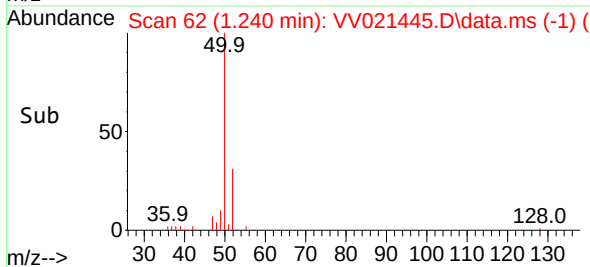
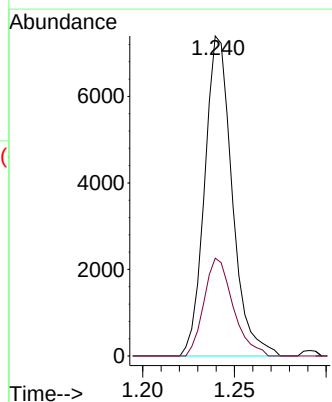
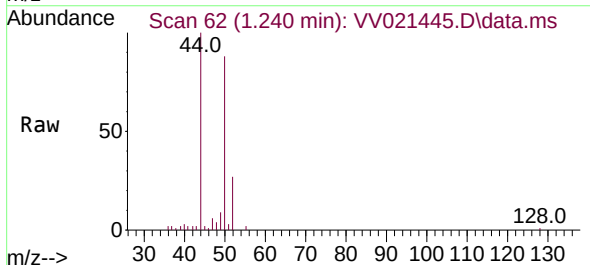
Instrument :
 MSVOA_V
 ClientSampled :

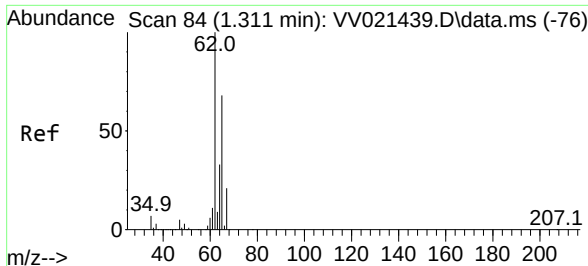
Tgt Ion: 85 Resp: 8003
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 39.8



#3
 Chloromethane
 Concen: 2.27 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021445.D
 Acq: 27 May 2021 16:11

Tgt Ion: 50 Resp: 7723
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.3 43.3

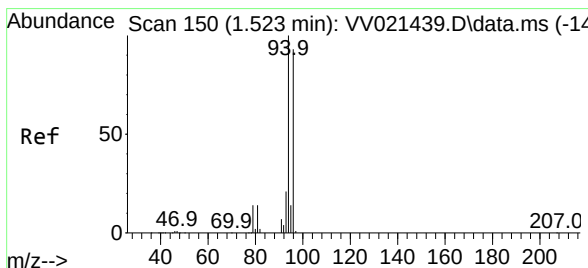
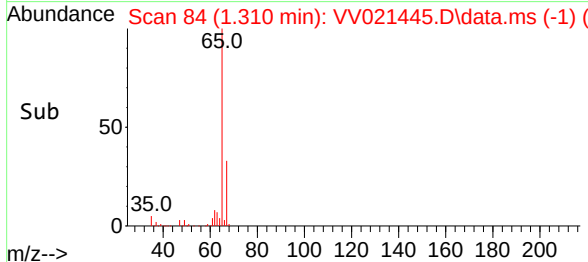
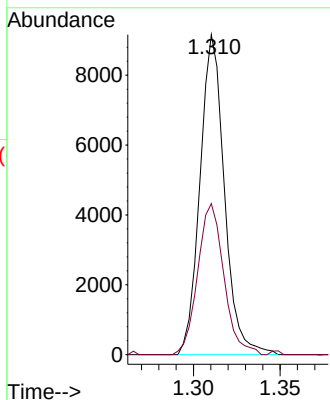
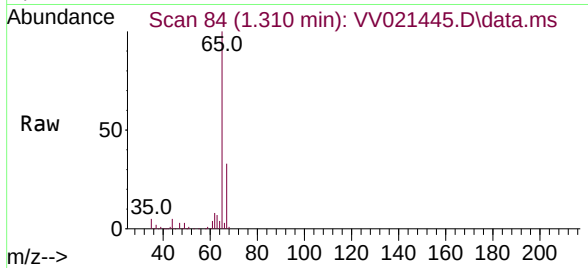




#5
 Vinyl chloride
 Concen: 2.57 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021445.D
 Acq: 27 May 2021 16:11

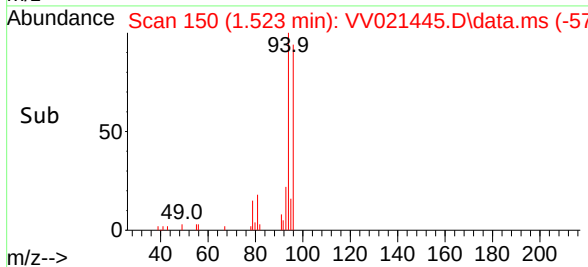
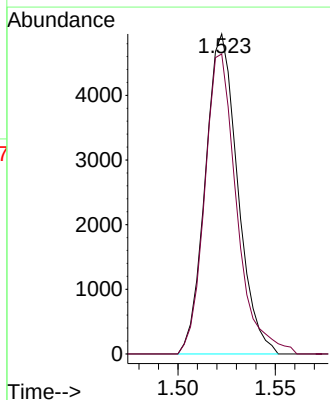
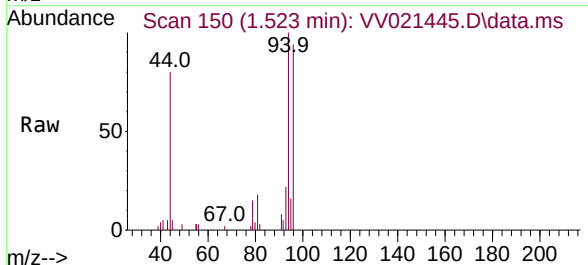
Instrument :
 MSVOA_V
 ClientSampled :

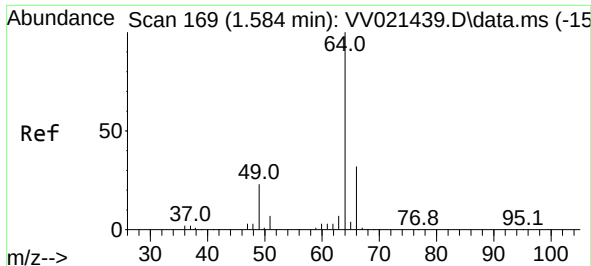
Tgt Ion: 62 Resp: 8966
 Ion Ratio Lower Upper
 62 100
 64 47.2 23.1 42.9#



#6
 Bromomethane
 Concen: 2.39 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV021445.D
 Acq: 27 May 2021 16:11

Tgt Ion: 94 Resp: 5708
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.2 121.0

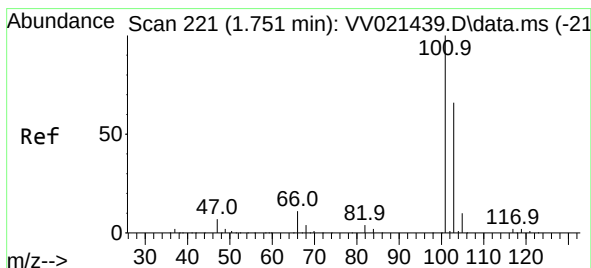
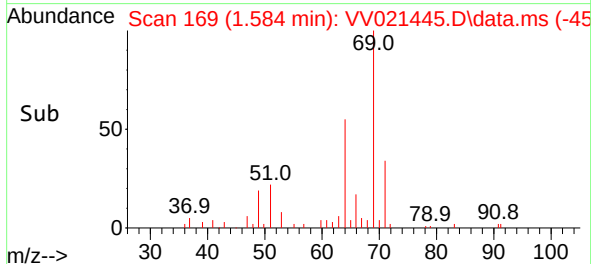
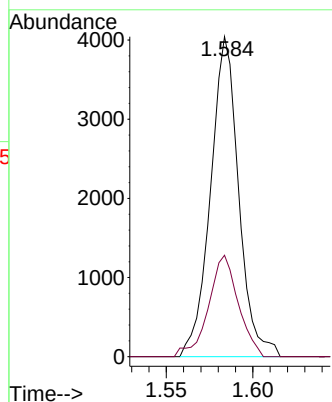
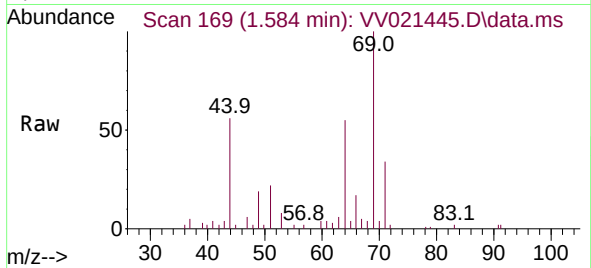




#8
Chloroethane
Concen: 2.31 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

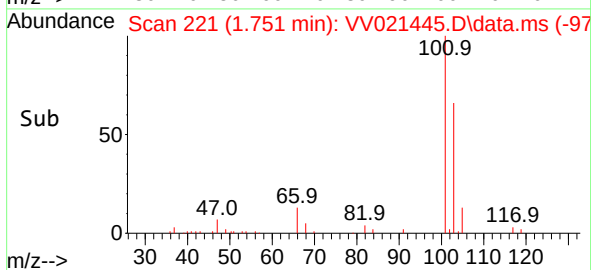
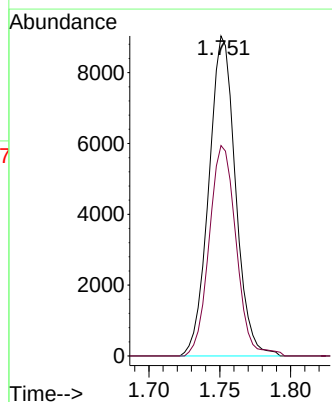
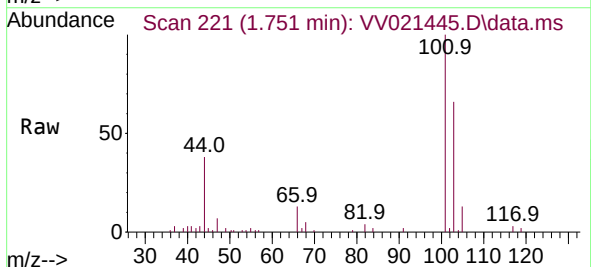
Instrument :
MSVOA_V
ClientSampled :

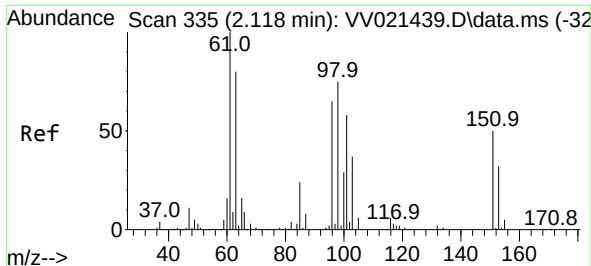
Tgt Ion: 64 Resp: 4581
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.29 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion:101 Resp: 11853
Ion Ratio Lower Upper
101 100
103 66.3 52.1 78.1





#10

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

Concen: 2.77 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion:101 Resp: 8321

Ion Ratio Lower Upper

101 100

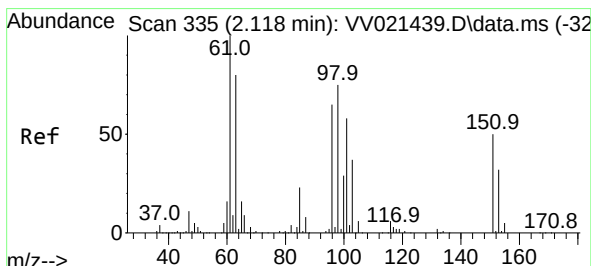
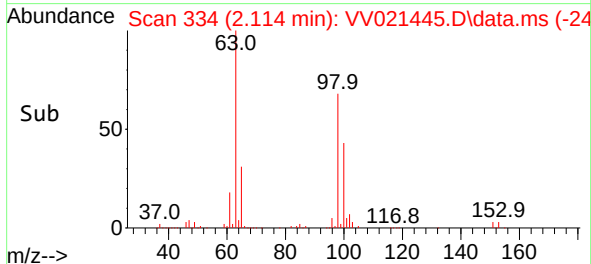
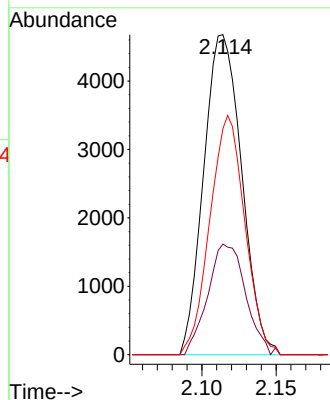
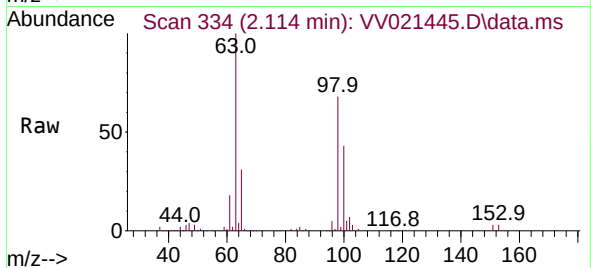
85 34.2 32.6 49.0

151 69.0 70.0 105.0#

Instrument :

MSVOA_V

ClientSampled :



#12

1,1-Dichloroethene

Concen: 2.76 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

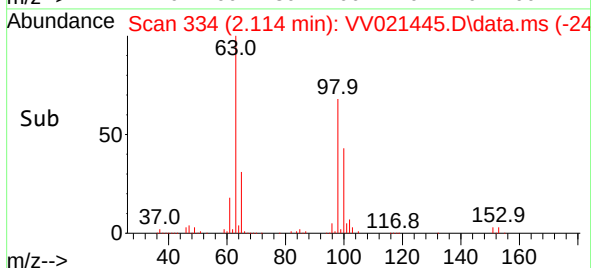
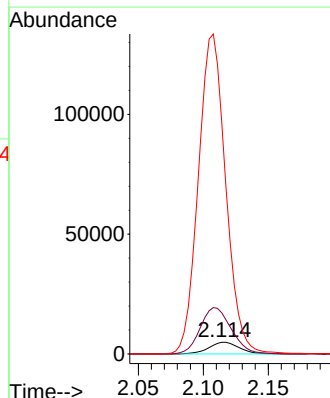
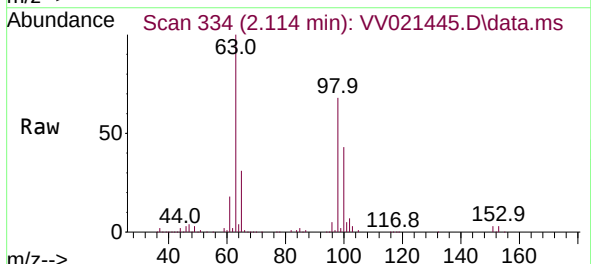
Tgt Ion: 96 Resp: 7962

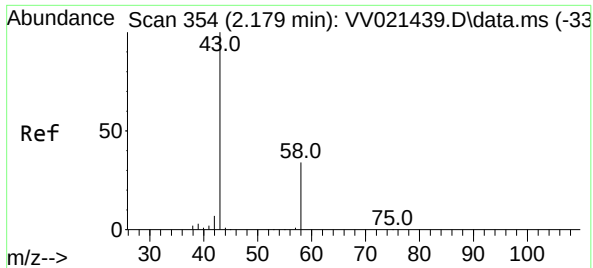
Ion Ratio Lower Upper

96 100

61 353.1 107.7 200.1#

63 1998.1 86.6 160.8#





#13

Acetone

Concen: 4.43 ug/L

RT: 2.172 min Scan# 352

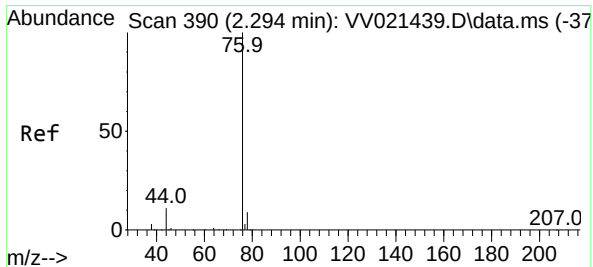
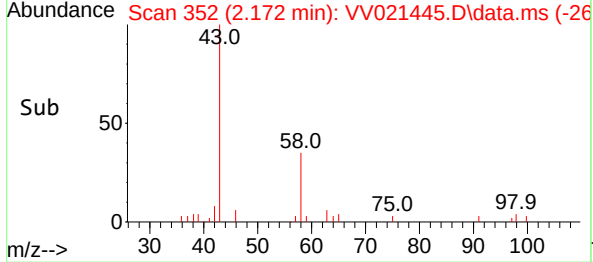
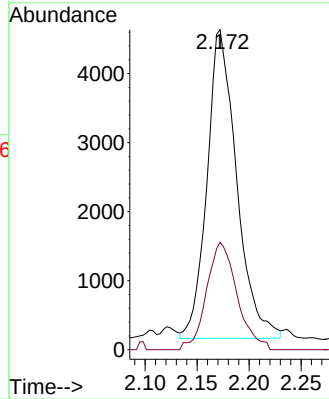
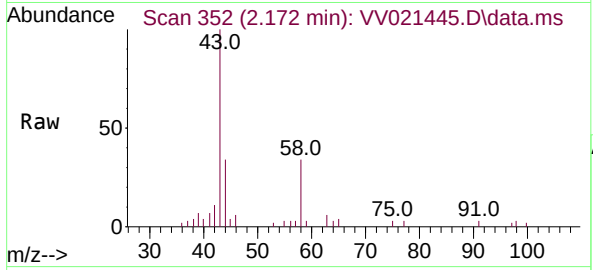
Delta R.T. -0.007 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion:	43	Resp:	8856
Ion Ratio	Lower	Upper	
43	100		
58	32.4	0.0	0.2#

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#14

Carbon disulfide

Concen: 2.29 ug/L

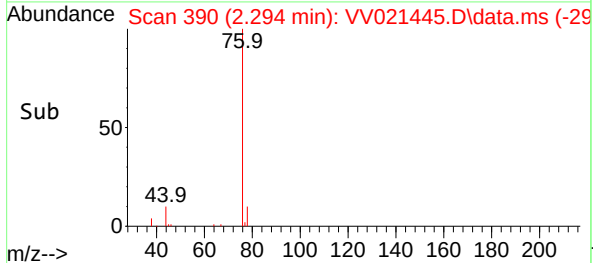
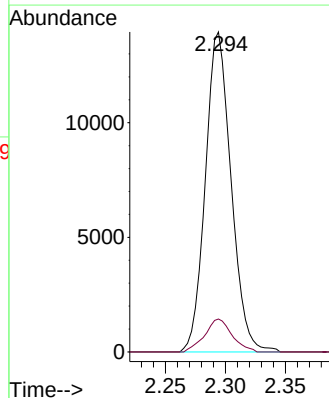
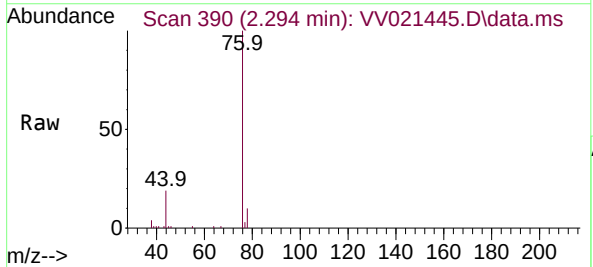
RT: 2.294 min Scan# 390

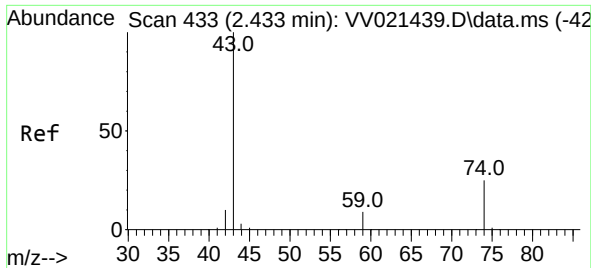
Delta R.T. -0.000 min

Lab File: VV021445.D

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Tgt Ion:	76	Resp:	20834
Ion Ratio	Lower	Upper	
76	100		
78	10.3	7.3	10.9

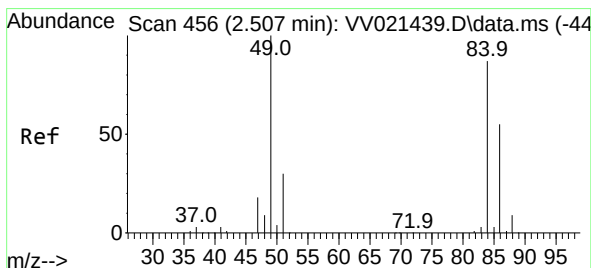
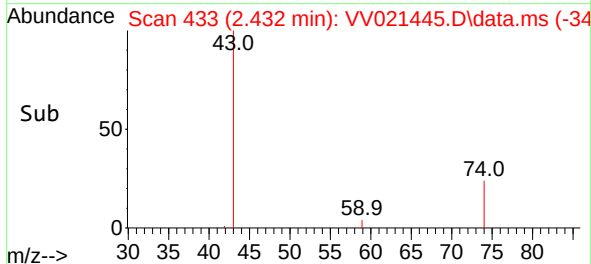
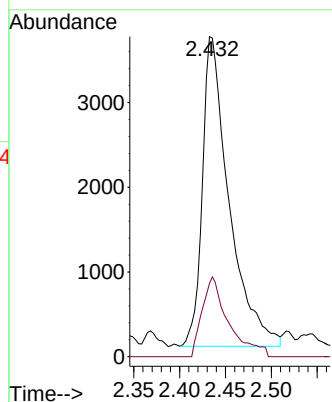
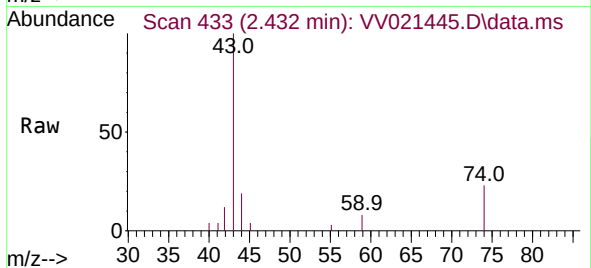




#15
Methyl Acetate
Concen: 2.16 ug/L
RT: 2.432 min Scan# 433
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

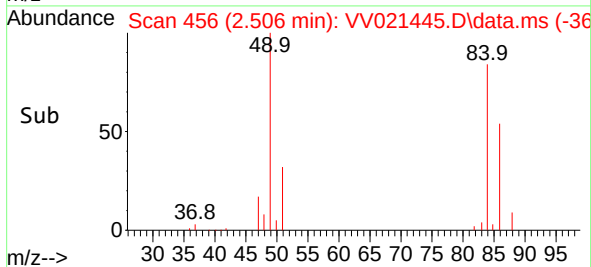
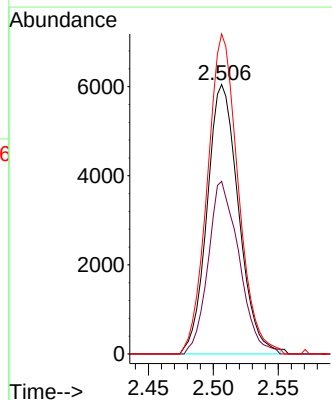
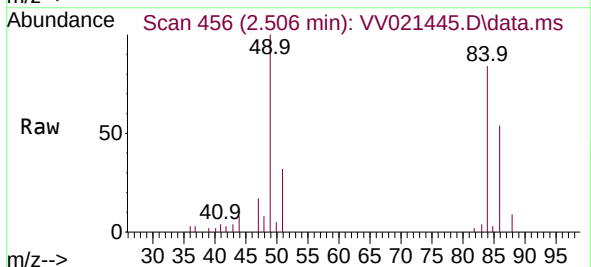
Instrument :
MSVOA_V
ClientSampled :

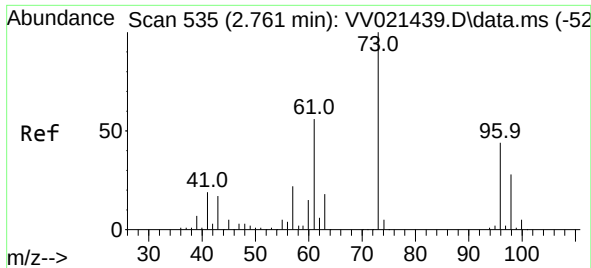
Tgt Ion: 43 Resp: 7406
Ion Ratio Lower Upper
43 100
74 24.7 20.4 30.6



#16
Methylene chloride
Concen: 2.81 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion: 84 Resp: 10185
Ion Ratio Lower Upper
84 100
86 64.1 44.1 81.9
49 118.8 80.8 150.0

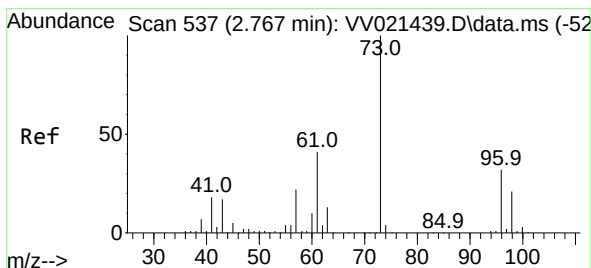
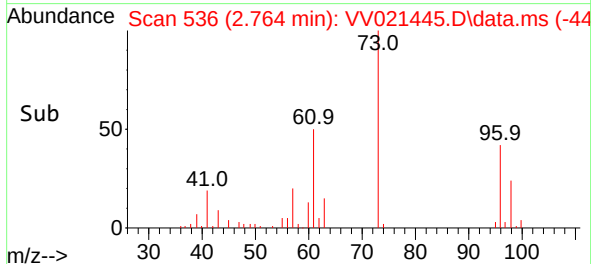
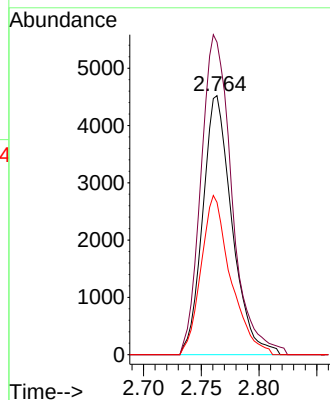
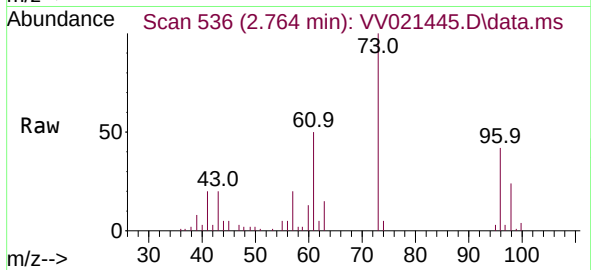




#17
trans-1,2-Dichloroethene
Concen: 2.42 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

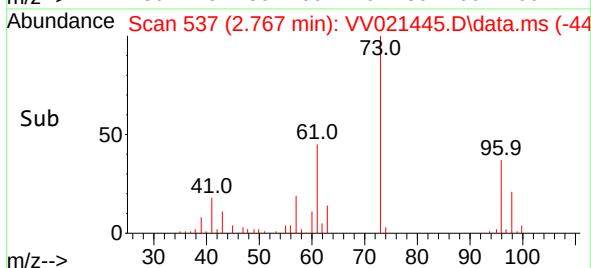
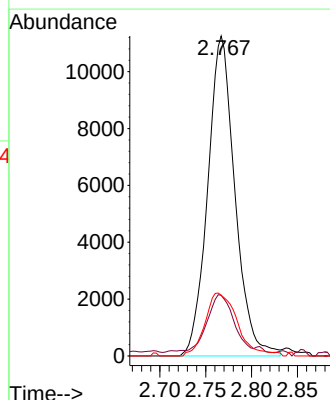
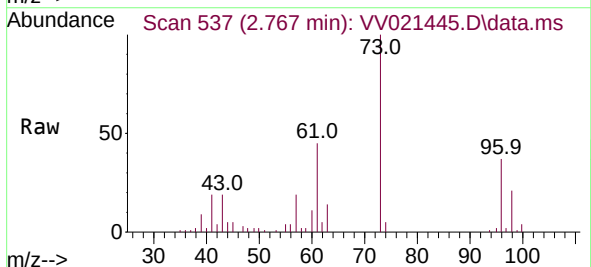
Instrument :
MSVOA_V
ClientSampleId :

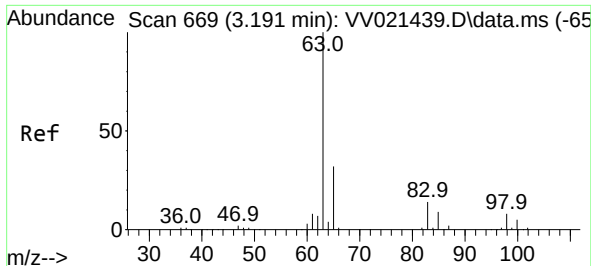
Tgt Ion: 96 Resp: 7980
Ion Ratio Lower Upper
96 100
61 120.7 88.8 165.0
98 58.8 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 2.23 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion: 73 Resp: 23252
Ion Ratio Lower Upper
73 100
43 18.3 13.9 20.9
57 23.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 2.19 ug/L

RT: 3.191 min Scan# 669

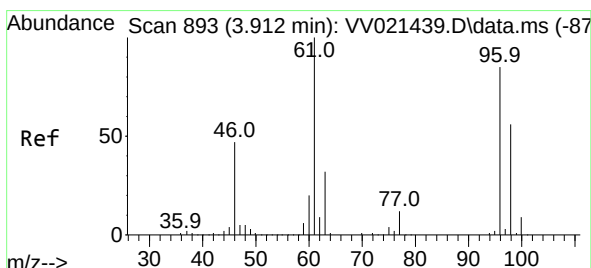
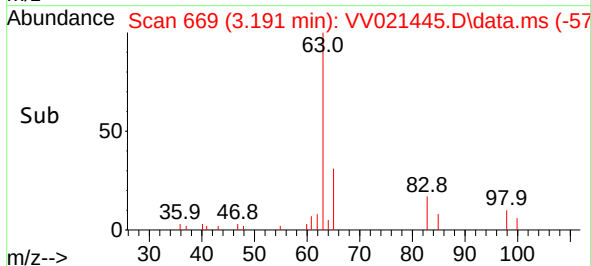
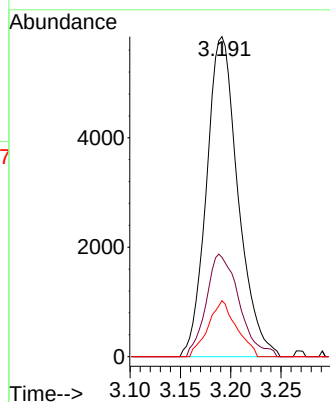
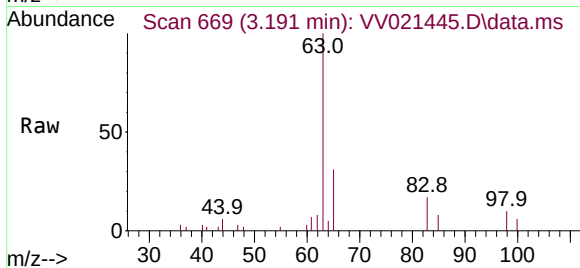
Delta R.T. -0.000 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion:	63	Resp:	12772
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.5	41.7
83	17.5	10.1	18.9

Instrument :
MSVOA_V
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 2.31 ug/L

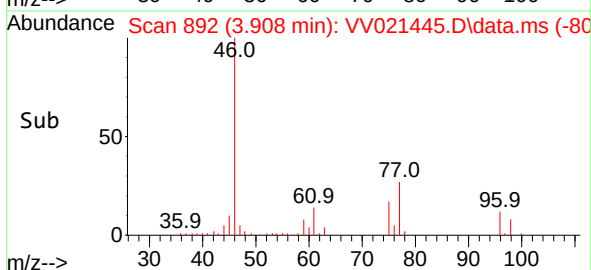
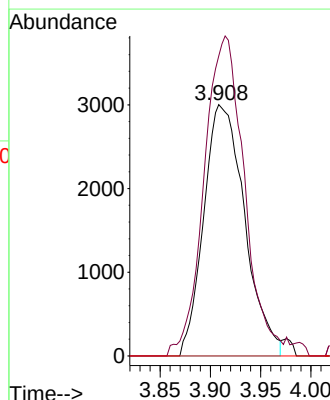
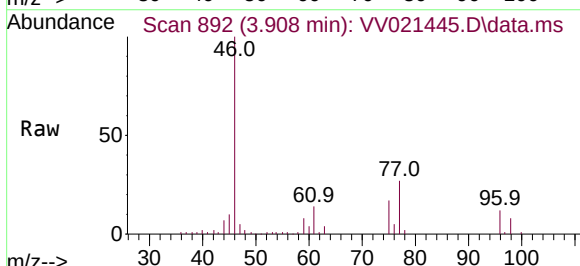
RT: 3.908 min Scan# 892

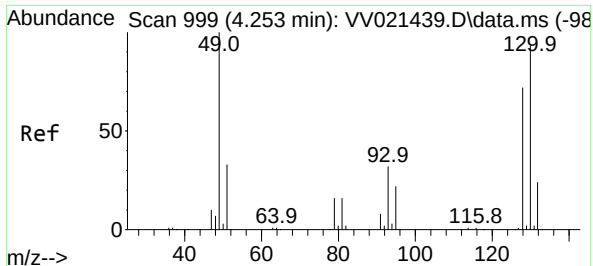
Delta R.T. -0.003 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion:	96	Resp:	8502
Ion	Ratio	Lower	Upper
96	100		
61	119.4	82.4	153.0
68	0.0	0.0	0.0

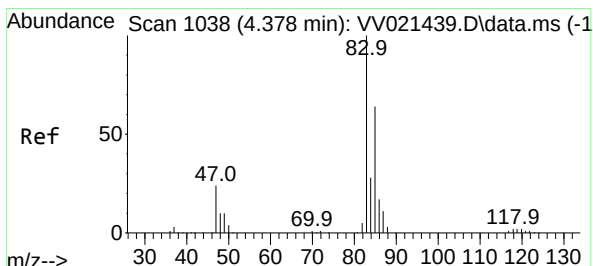
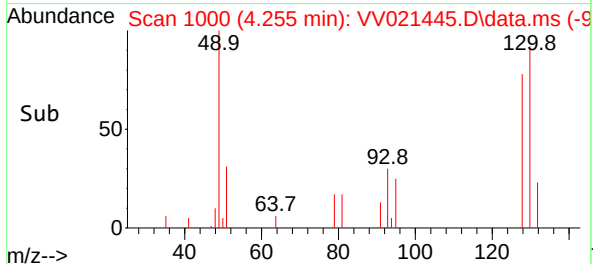
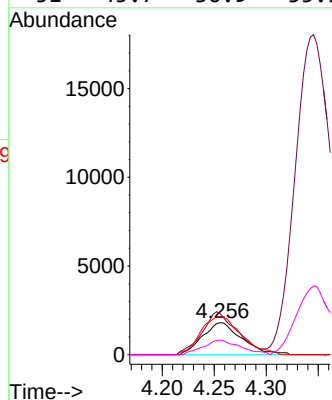
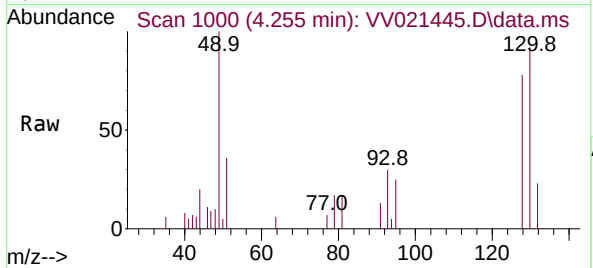




#23
Bromochloromethane
Concen: 2.29 ug/L
RT: 4.255 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

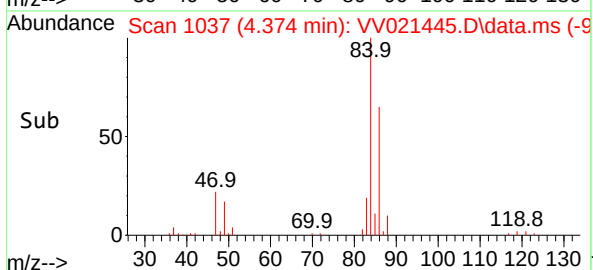
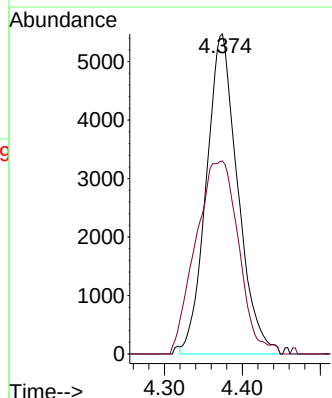
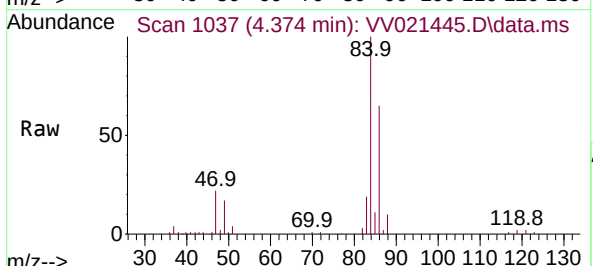
Instrument :
MSVOA_V
ClientSampleId :

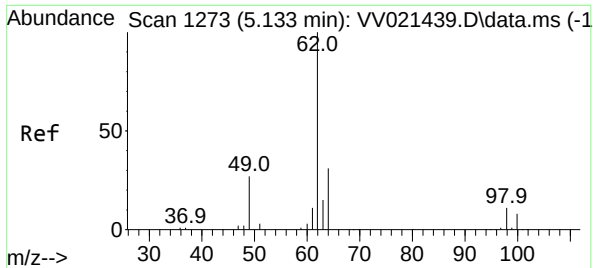
Tgt Ion:	128	Resp:	4680
Ion	Ratio	Lower	Upper
128	100		
49	128.4	96.8	179.8
130	118.2	90.2	167.6
51	45.7	36.9	55.3



#25
Chloroform
Concen: 2.54 ug/L
RT: 4.374 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion:	83	Resp:	15338
Ion	Ratio	Lower	Upper
83	100		
85	60.3	45.1	83.7





#27

1,2-Dichloroethane

Concen: 2.22 ug/L

RT: 5.136 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VV021445.D

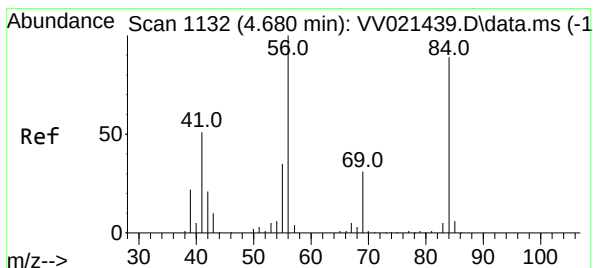
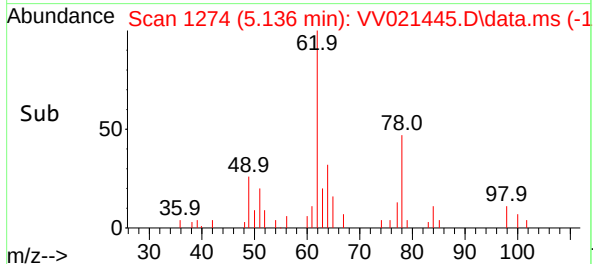
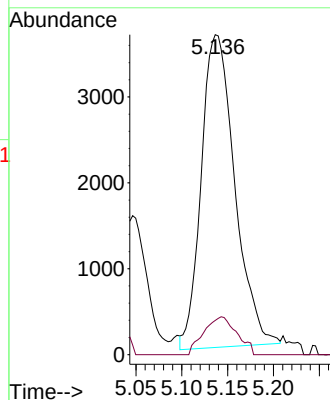
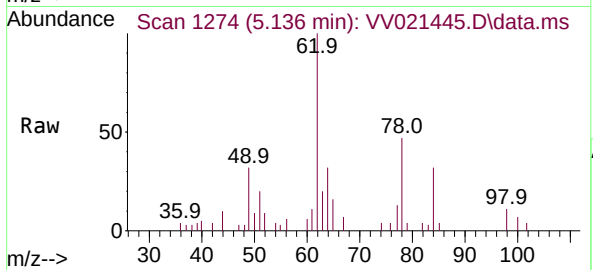
Acq: 27 May 2021 16:11

Tgt Ion: 62 Resp: 9253

Ion Ratio Lower Upper

62 100

98 10.7 8.6 12.8



#29

Cyclohexane

Concen: 2.30 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. -0.007 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

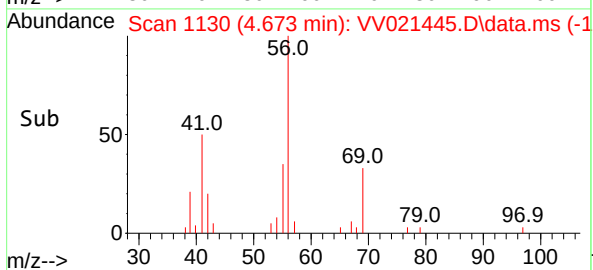
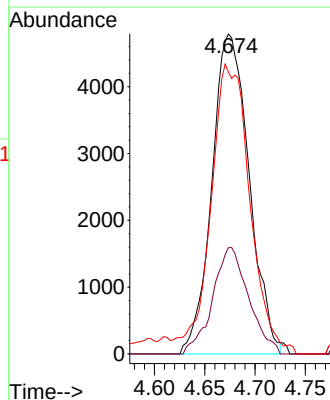
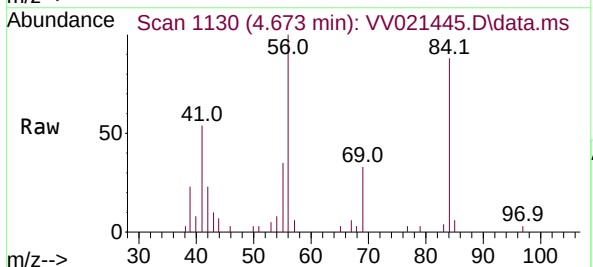
Tgt Ion: 56 Resp: 12345

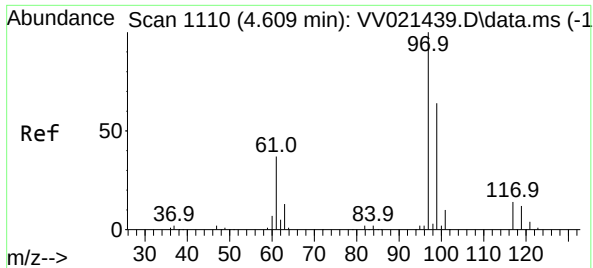
Ion Ratio Lower Upper

56 100

69 32.2 24.9 37.3

84 45.4 73.7 110.5#





#30

1,1,1-Trichloroethane

Concen: 2.15 ug/L

RT: 4.606 min Scan# 1109

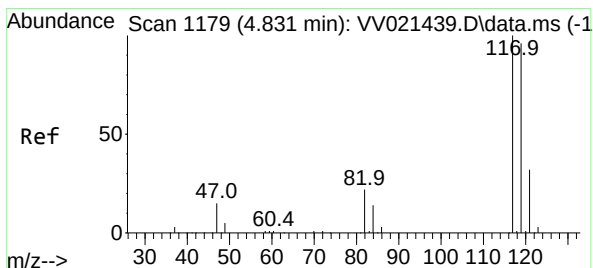
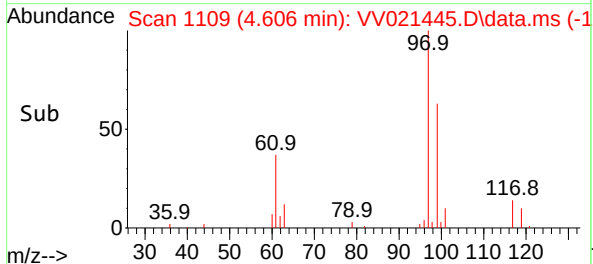
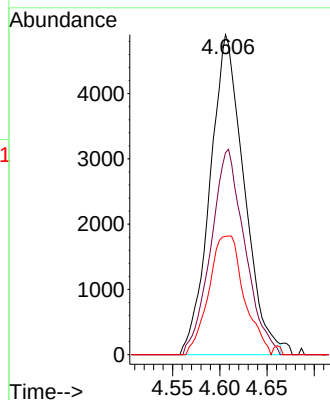
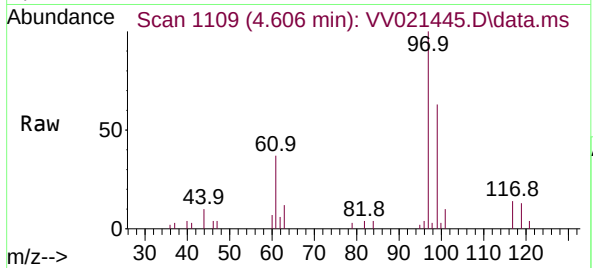
Delta R.T. -0.003 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion: 97	Resp: 12243
Ion Ratio	Lower Upper
97 100	
99 64.2	51.8 77.6
61 38.5	30.2 45.4

Instrument :
MSVOA_V
ClientSampleId :



#31

Carbon tetrachloride

Concen: 2.10 ug/L

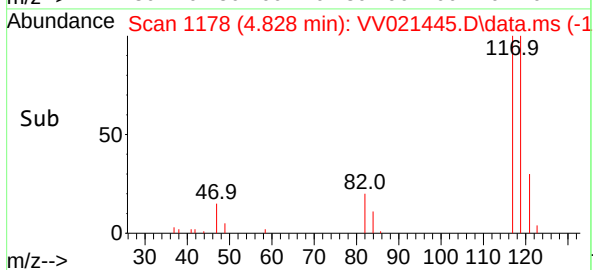
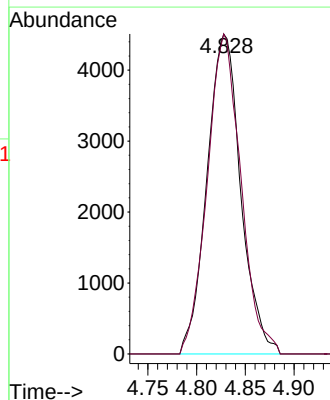
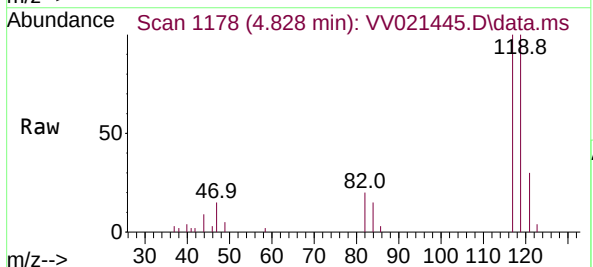
RT: 4.828 min Scan# 1178

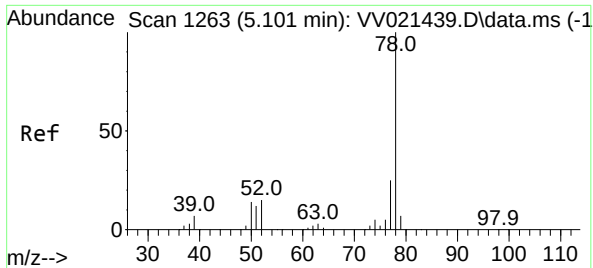
Delta R.T. -0.003 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion: 117	Resp: 10867
Ion Ratio	Lower Upper
117 100	
119 99.4	76.8 115.2

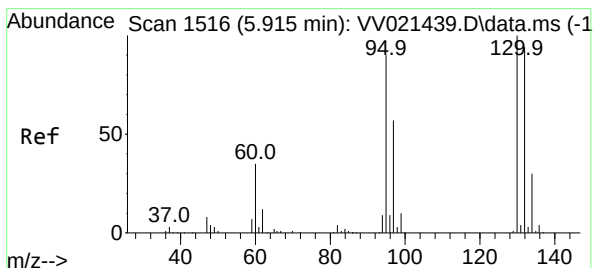
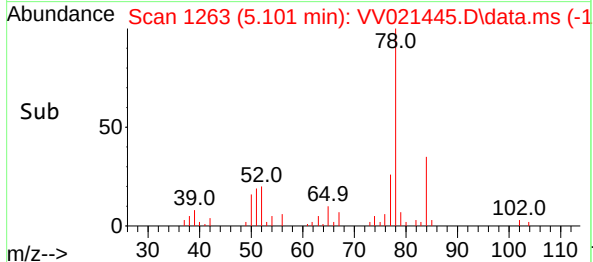
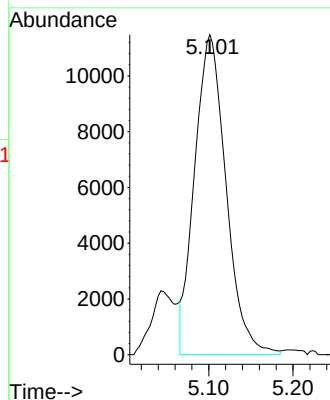
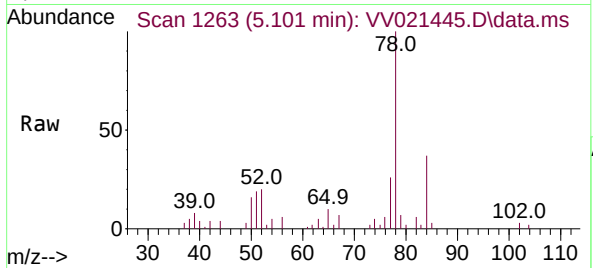




#33
Benzene
Concen: 2.25 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Instrument :
MSVOA_V
ClientSampled :

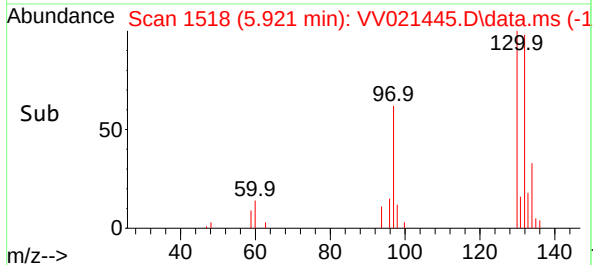
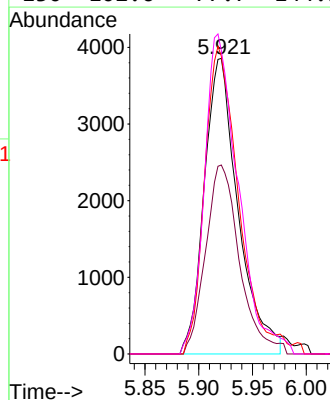
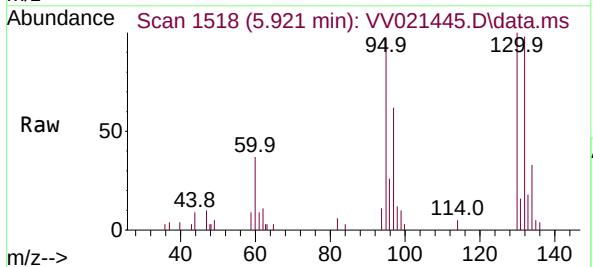
Tgt Ion: 78 Resp: 29732

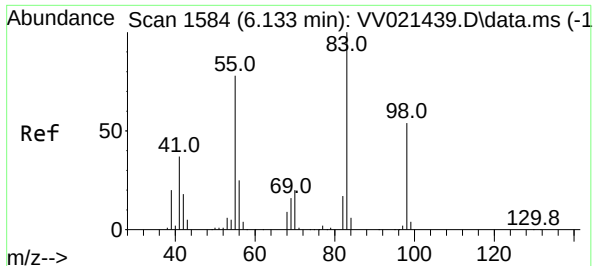


#34
Trichloroethene
Concen: 2.35 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion: 95 Resp: 8427

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.3	82.3
132	100.8	73.2	136.0
130	102.6	77.7	144.3





#35

Methylcyclohexane

Concen: 2.12 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.007 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion: 83 Resp: 12215

Ion Ratio Lower Upper

83 100

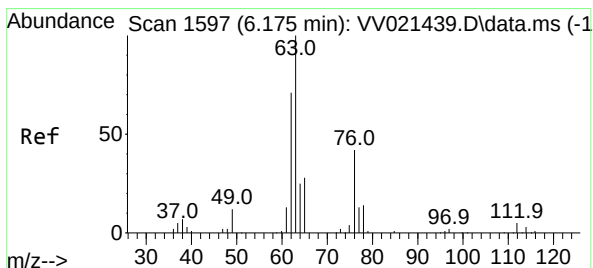
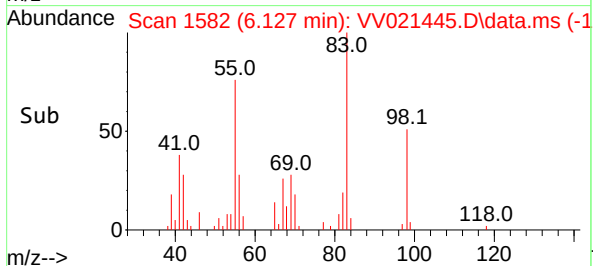
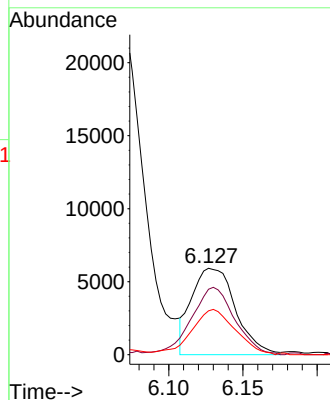
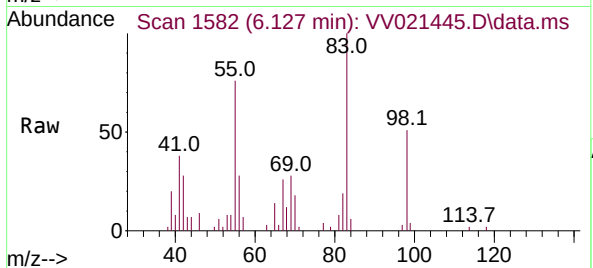
55 77.3 58.0 87.0

98 52.1 40.8 61.2

Instrument :

MSVOA_V

ClientSampleId :



#37

1,2-Dichloropropane

Concen: 2.31 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VV021445.D

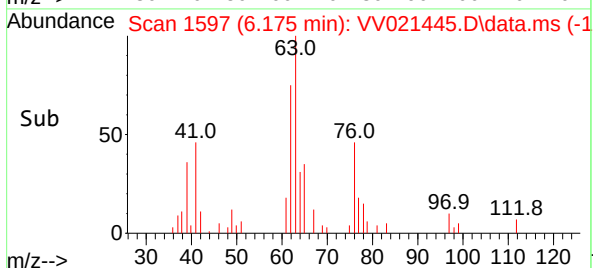
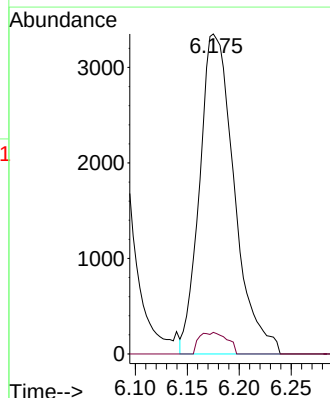
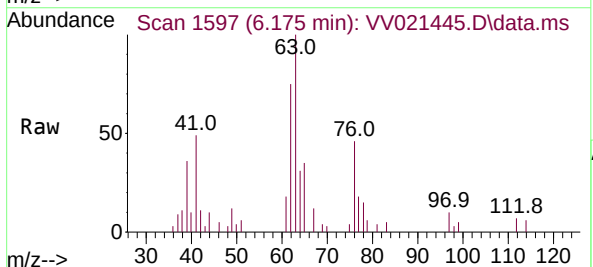
Acq: 27 May 2021 16:11

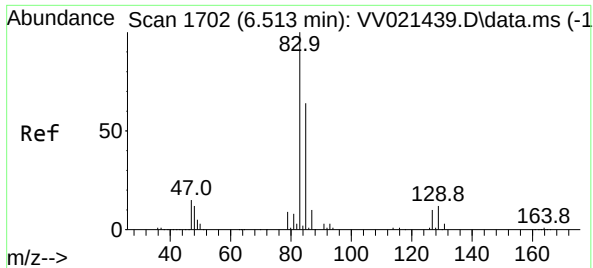
Tgt Ion: 63 Resp: 7769

Ion Ratio Lower Upper

63 100

112 2.4 4.0 6.0#

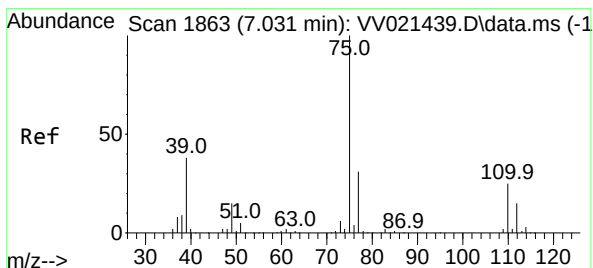
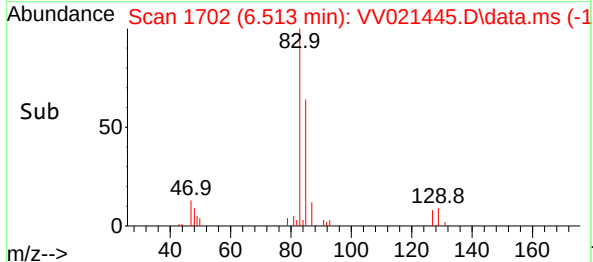
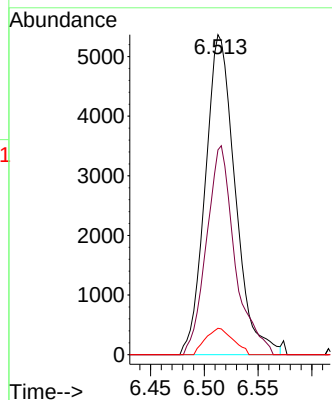
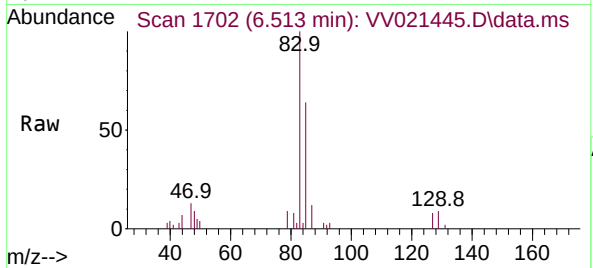




#38
Bromodichloromethane
Concen: 2.19 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

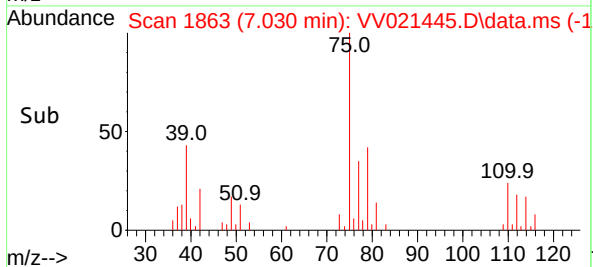
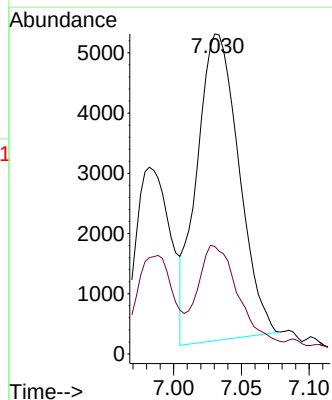
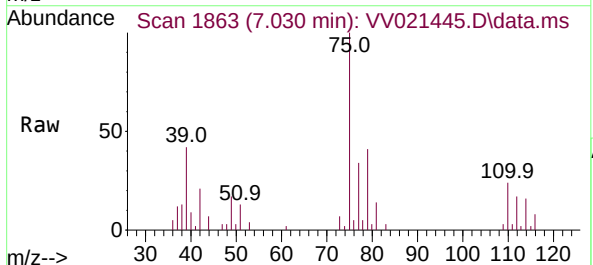
Instrument :
MSVOA_V
ClientSampled :

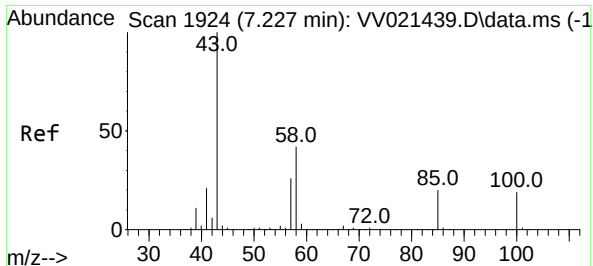
Tgt Ion:	83	Resp:	10363
Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.6	82.8
127	8.3	7.6	11.4



#39
cis-1,3-Dichloropropene
Concen: 1.94 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion:	75	Resp:	10992
Ion	Ratio	Lower	Upper
75	100		
77	33.6	22.0	41.0





#40

4-Methyl-2-pentanone

Concen: 4.18 ug/L

RT: 7.230 min Scan# 1925

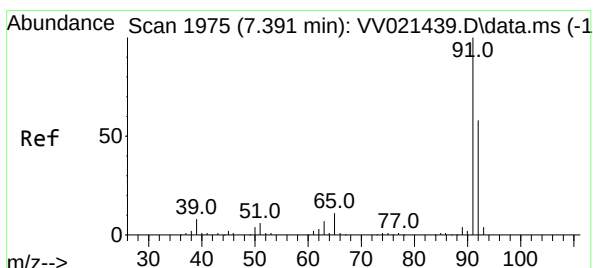
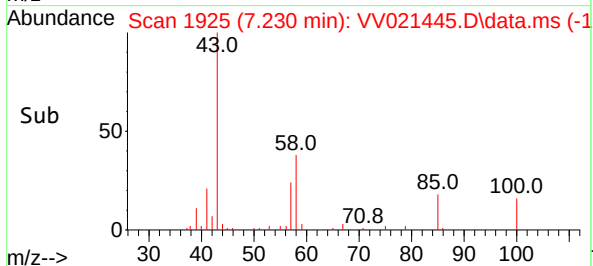
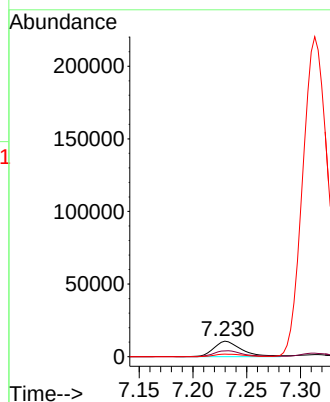
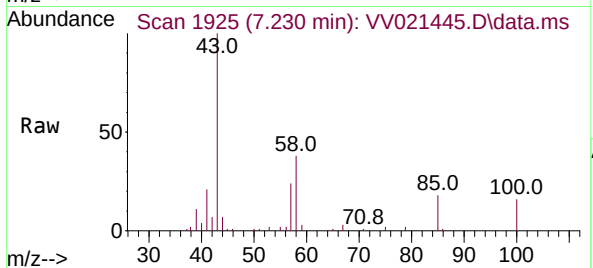
Delta R.T. 0.003 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion:	43	Resp:	19075
Ion	Ratio	Lower	Upper
43	100		
58	40.3	33.5	50.3
100	17.3	14.8	22.2

Instrument :
MSVOA_V
ClientSampled :



#42

Toluene

Concen: 2.78 ug/L

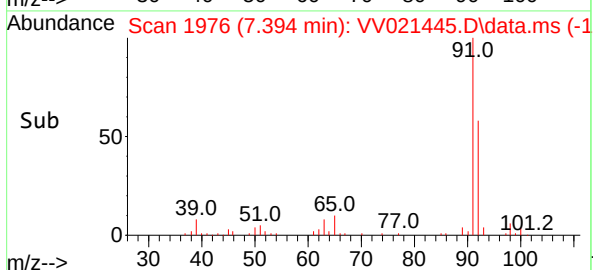
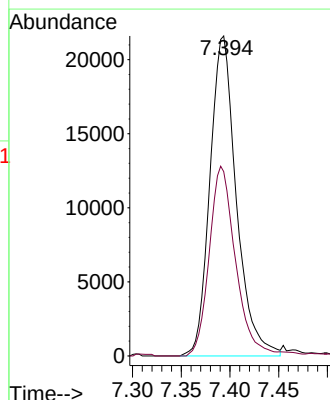
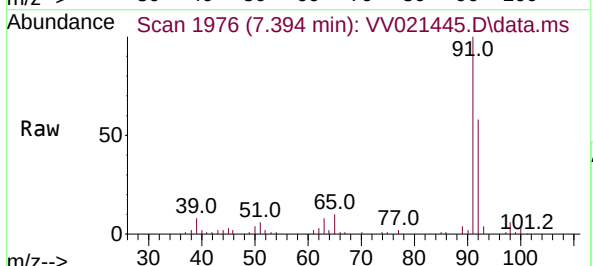
RT: 7.394 min Scan# 1976

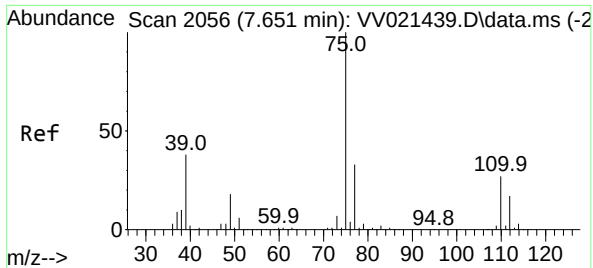
Delta R.T. 0.003 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

Tgt Ion:	91	Resp:	40731
Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.9	75.9

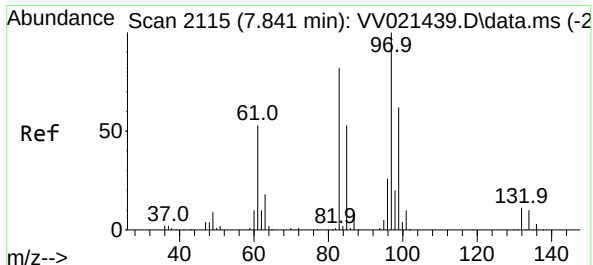
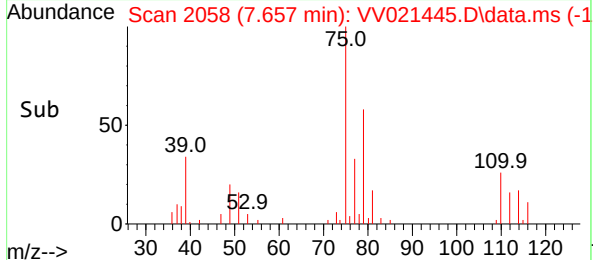
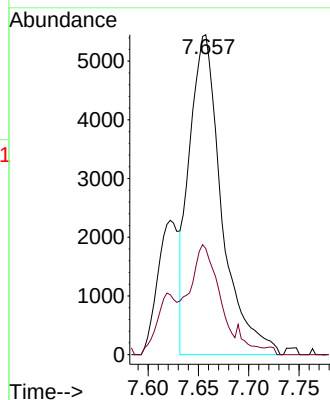
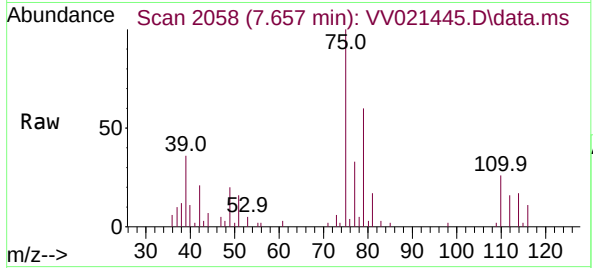




#44
trans-1,3-Dichloropropene
Concen: 2.27 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

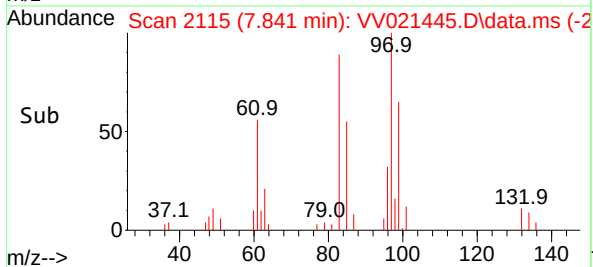
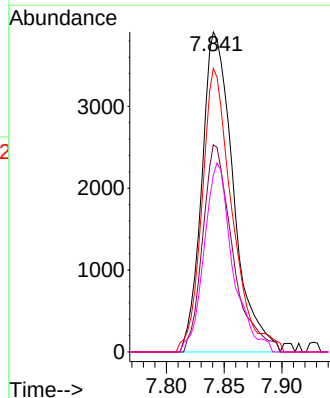
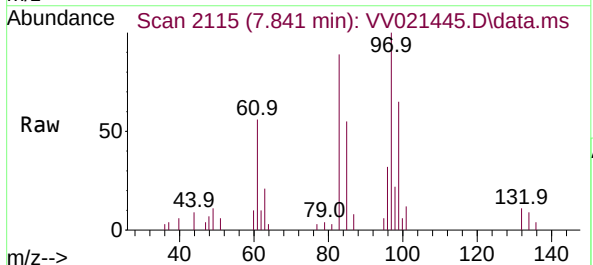
Instrument :
MSVOA_V
ClientSampleId :

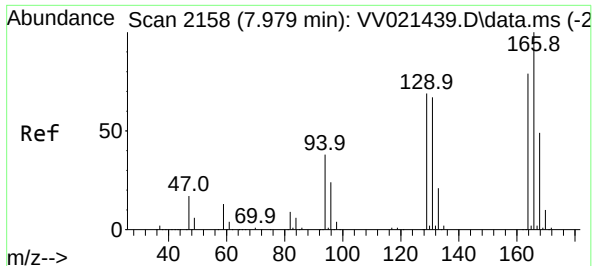
Tgt Ion: 75 Resp: 12180
Ion Ratio Lower Upper
75 100
77 33.2 22.9 42.5



#45
1,1,2-Trichloroethane
Concen: 2.17 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion: 97 Resp: 7423
Ion Ratio Lower Upper
97 100
99 64.8 43.7 81.1
83 88.6 57.1 106.1
85 55.3 37.0 68.6



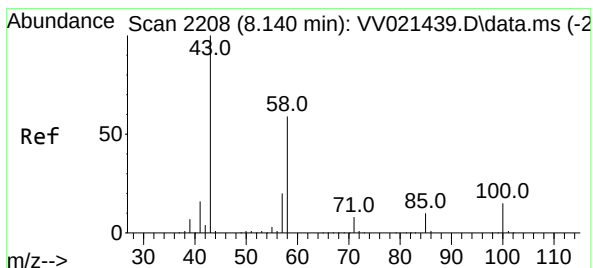
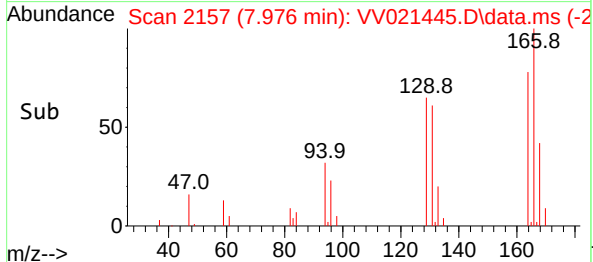
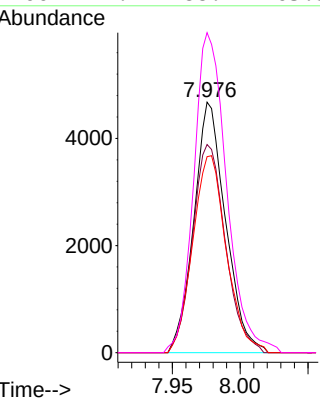
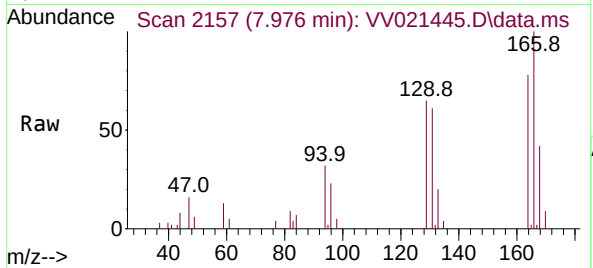


#46
Tetrachloroethene
Concen: 2.31 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 7609

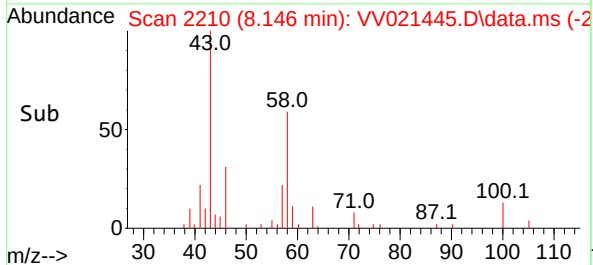
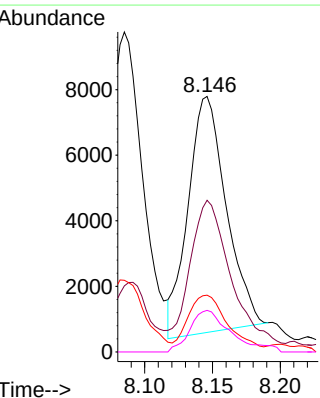
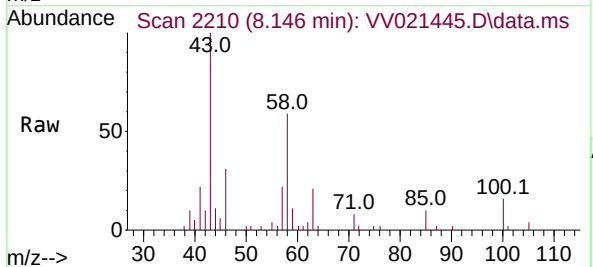
Ion	Ratio	Lower	Upper
164	100		
129	83.1	60.5	112.3
131	78.2	58.7	108.9
166	127.7	88.1	163.5

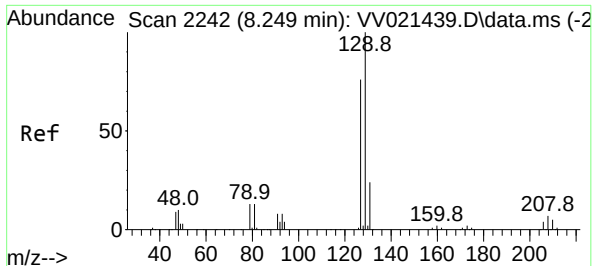


#48
2-Hexanone
Concen: 4.04 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion: 43 Resp: 14145

Ion	Ratio	Lower	Upper
43	100		
58	71.5	47.1	70.7#
57	22.5	16.0	24.0
100	18.9	11.9	17.9#





#49

Dibromochloromethane

Concen: 2.18 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VV021445.D

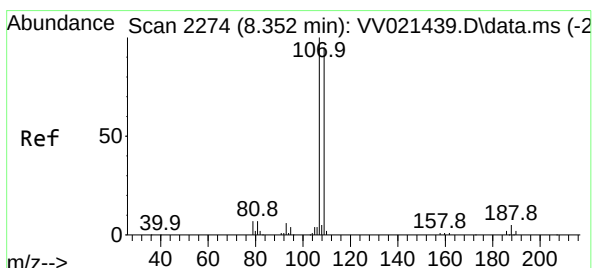
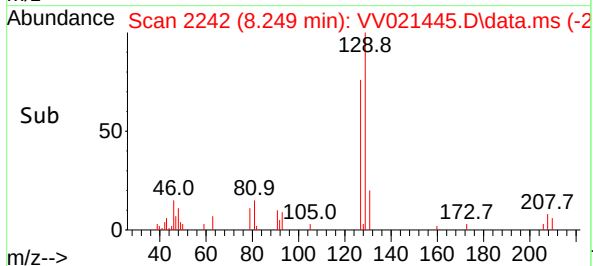
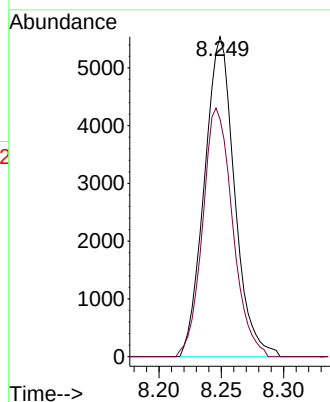
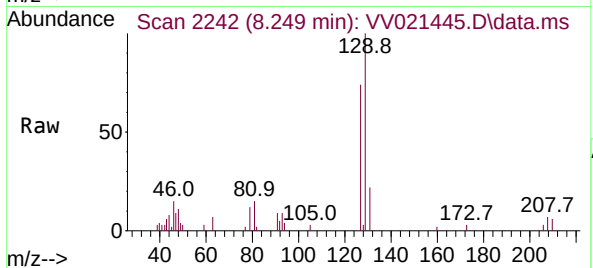
Acq: 27 May 2021 16:11

Tgt Ion:129 Resp: 9335

Ion Ratio Lower Upper

129 100

127 74.2 53.0 98.4



#50

1,2-Dibromoethane

Concen: 2.25 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV021445.D

Acq: 27 May 2021 16:11

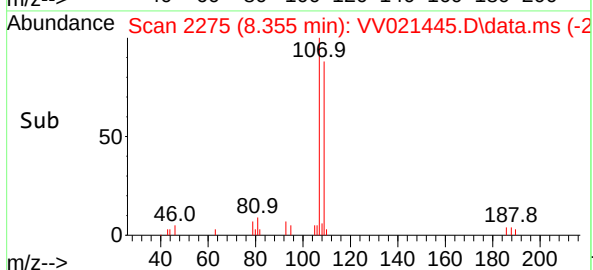
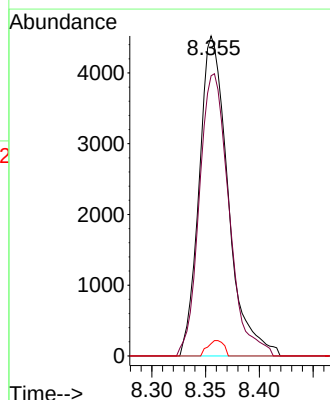
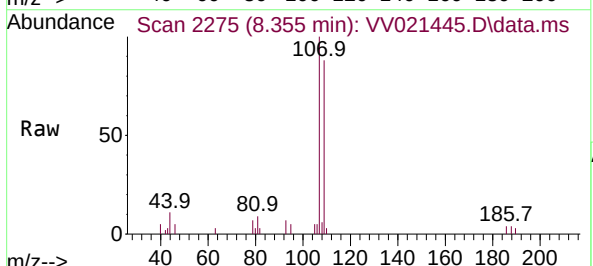
Tgt Ion:107 Resp: 8462

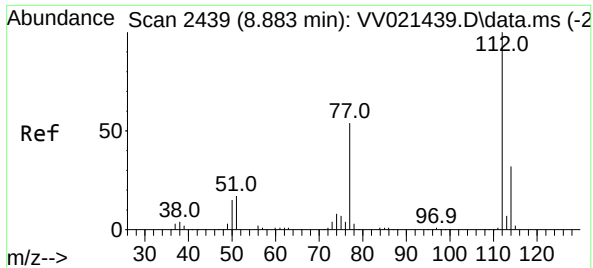
Ion Ratio Lower Upper

107 100

109 87.5 66.7 123.9

188 3.8 3.8 5.8#

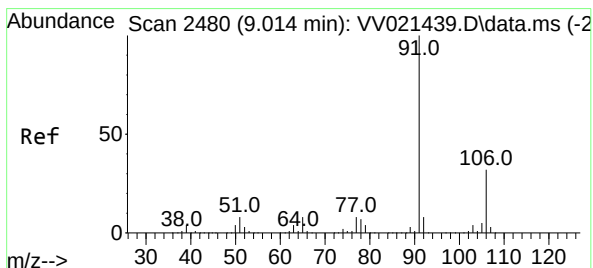
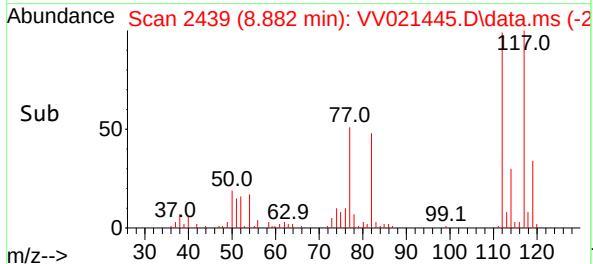
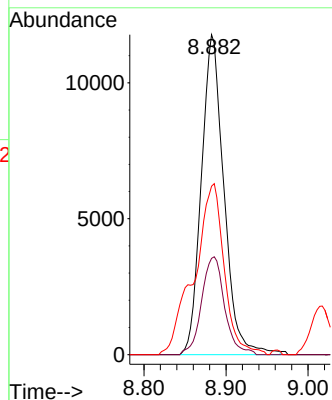
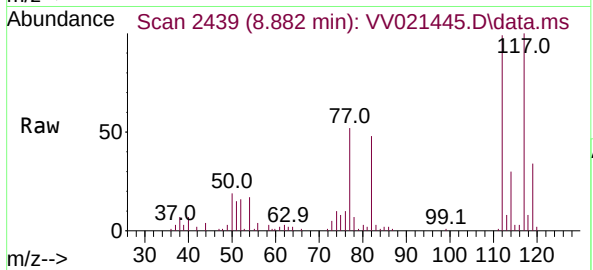




#51
Chlorobenzene
Concen: 2.33 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

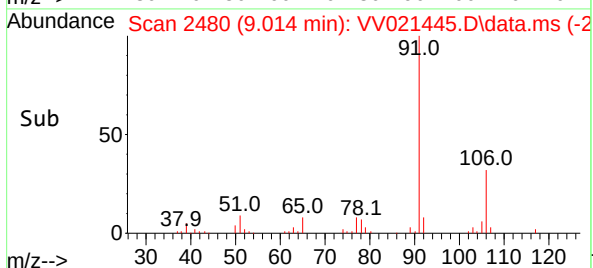
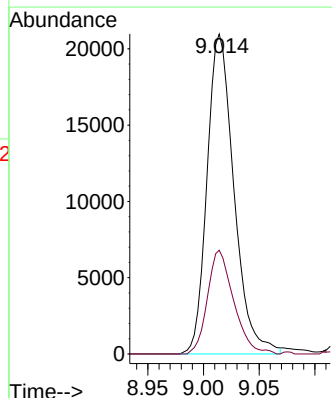
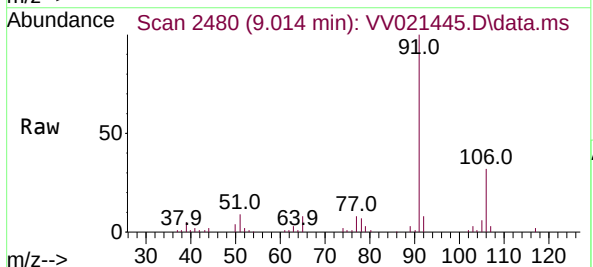
Instrument :
MSVOA_V
ClientSampled :

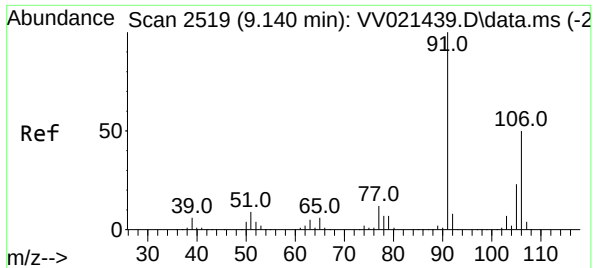
Tgt Ion:112 Resp: 22559
Ion Ratio Lower Upper
112 100
114 30.1 22.5 41.9
77 52.6 43.8 65.6



#52
Ethylbenzene
Concen: 2.19 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion: 91 Resp: 35299
Ion Ratio Lower Upper
91 100
106 32.4 22.4 41.6

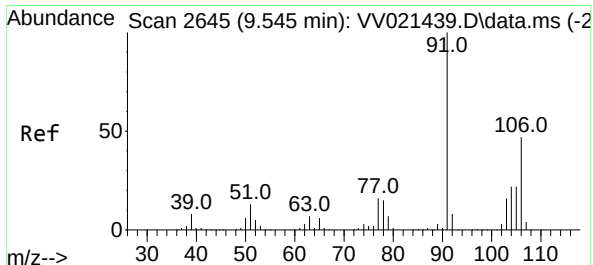
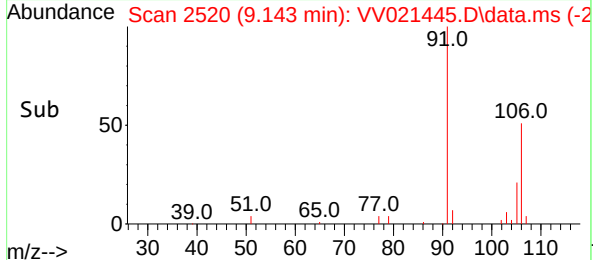
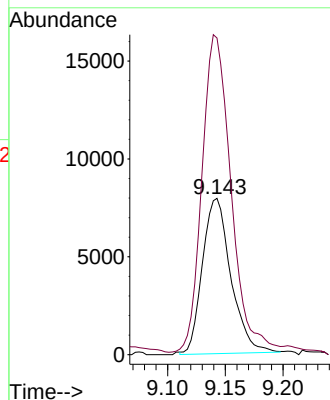
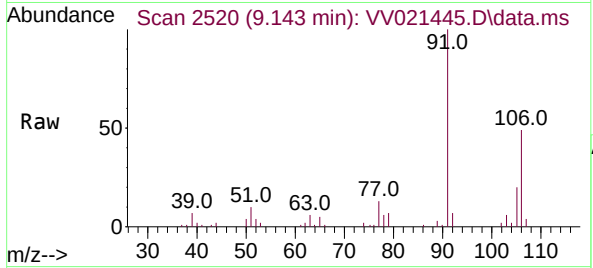




#53
m,p-Xylene
Concen: 2.20 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

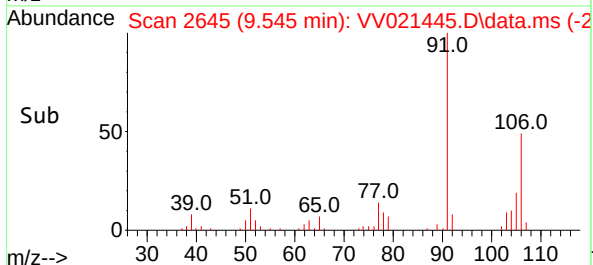
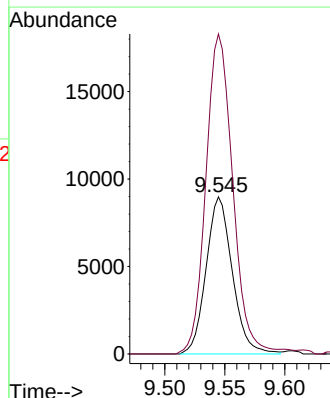
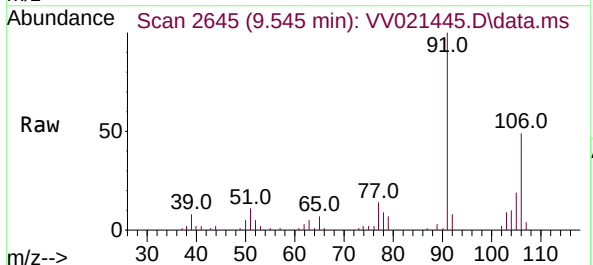
Instrument :
MSVOA_V
ClientSampleId :

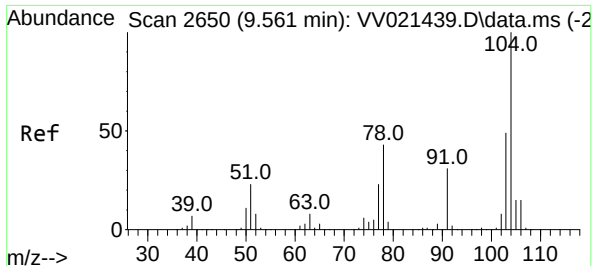
Tgt Ion:106 Resp: 13605
Ion Ratio Lower Upper
106 100
91 202.7 139.4 258.8



#54
o-Xylene
Concen: 2.24 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion:106 Resp: 13684
Ion Ratio Lower Upper
106 100
91 203.6 148.5 275.9

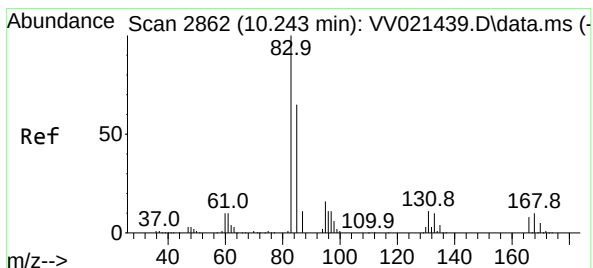
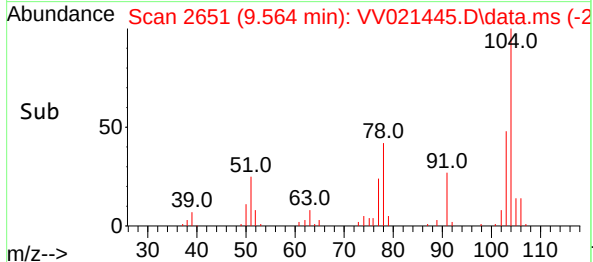
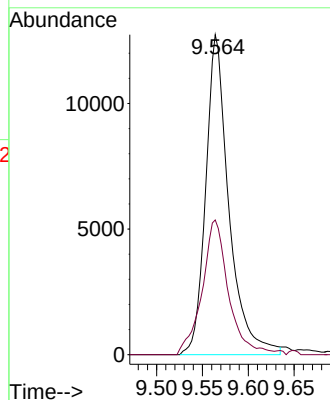
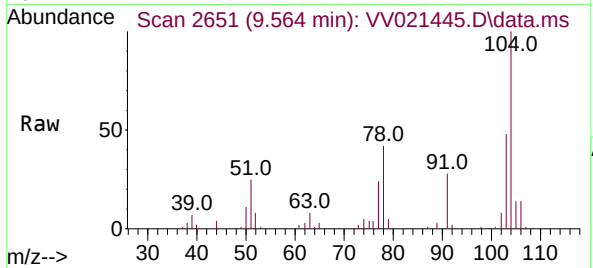




#55
Styrene
Concen: 2.13 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

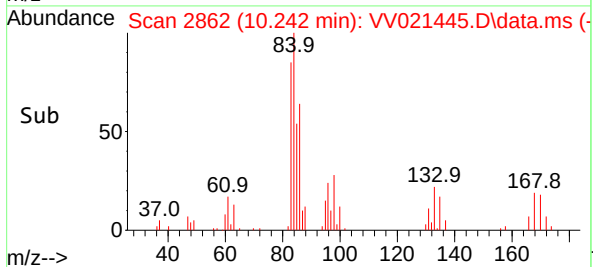
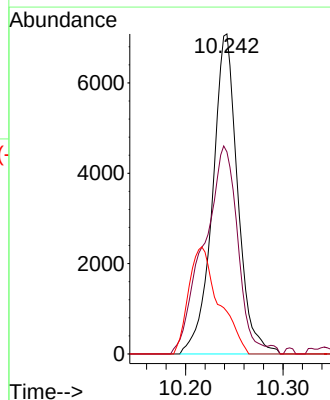
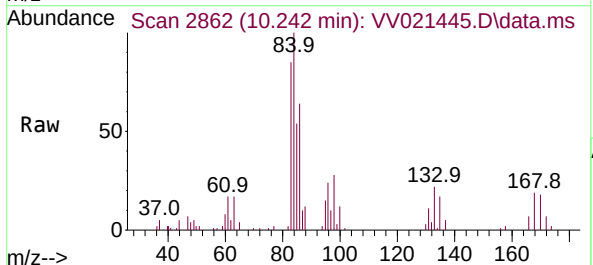
Instrument :
MSVOA_V
ClientSampled :

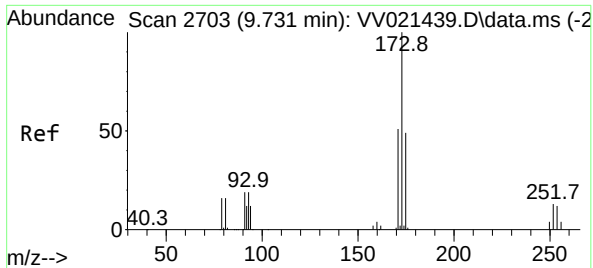
Tgt Ion:104 Resp: 22424
Ion Ratio Lower Upper
104 100
78 42.1 30.3 56.3



#57
1,1,2,2-Tetrachloroethane
Concen: 2.38 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion: 83 Resp: 12712
Ion Ratio Lower Upper
83 100
85 63.1 45.8 85.2
131 13.3 8.7 13.1#

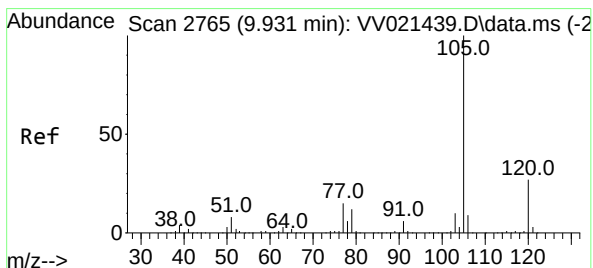
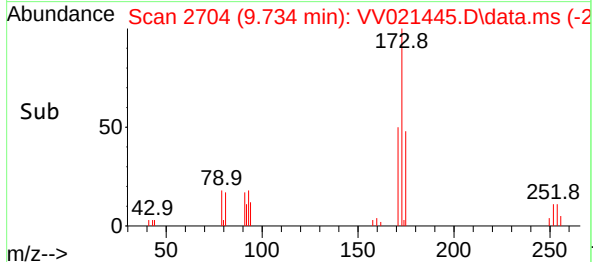
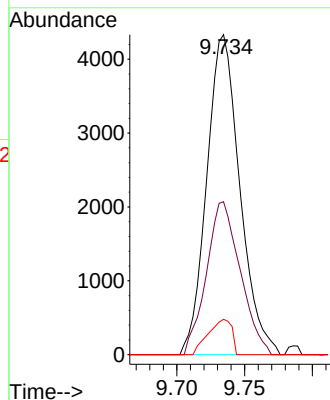
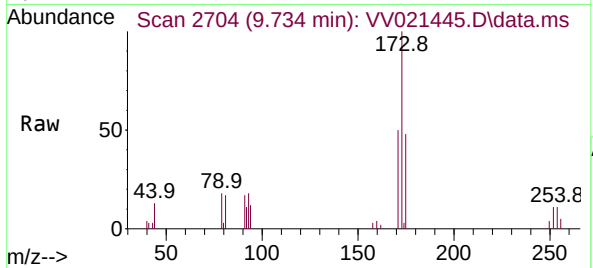




#59
Bromoform
Concen: 2.09 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

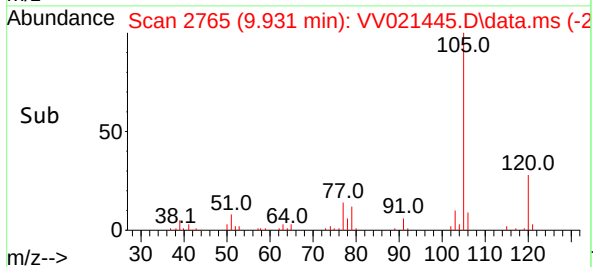
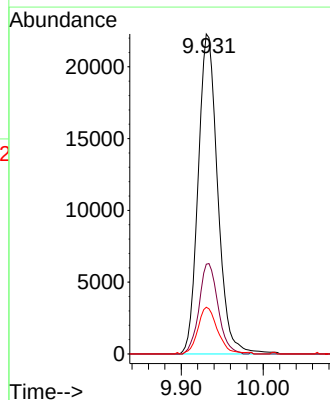
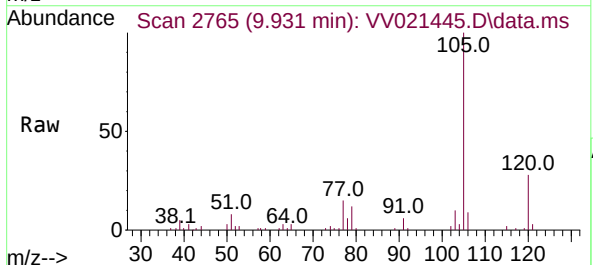
Instrument :
MSVOA_V
ClientSampleId :

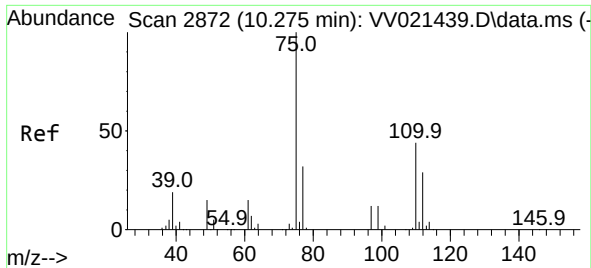
Tgt Ion:173 Resp: 7364
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 7.9 9.8 14.8#



#60
Isopropylbenzene
Concen: 2.28 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion:105 Resp: 36762
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5
77 14.7 11.5 17.3

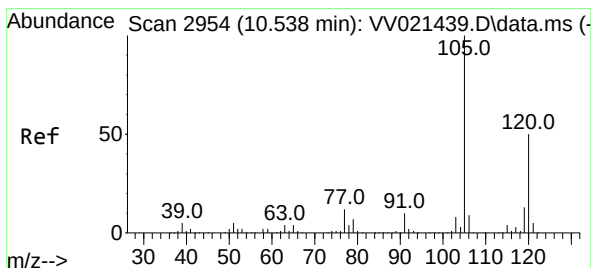
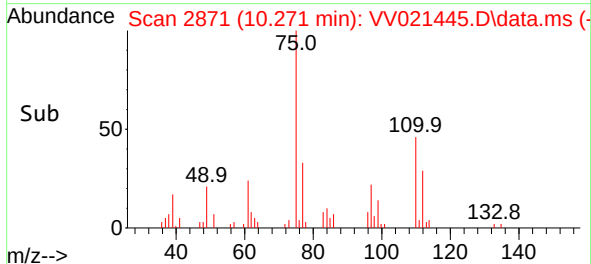
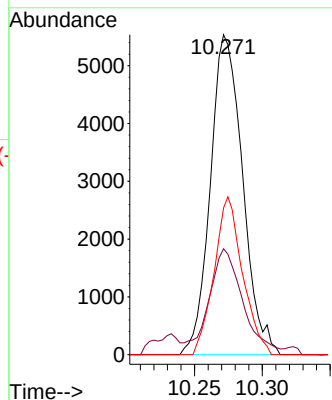
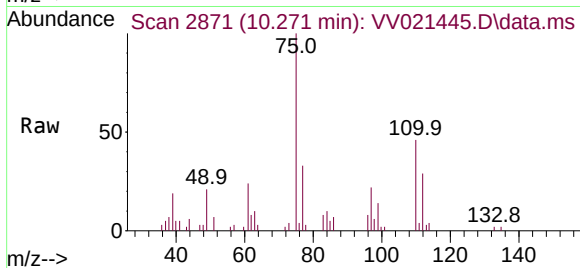




#61
1,2,3-Trichloropropane
Concen: 2.24 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

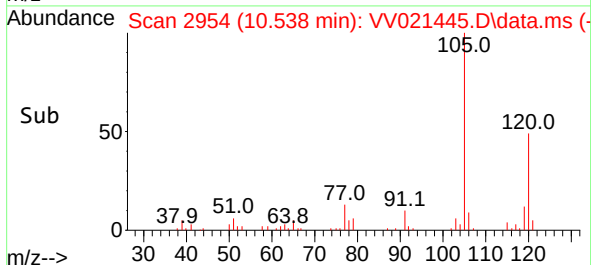
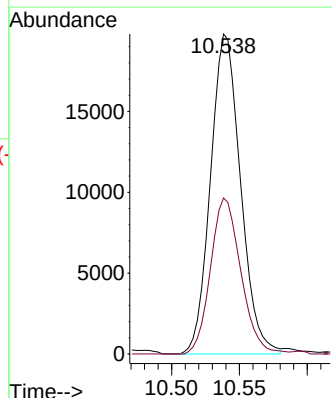
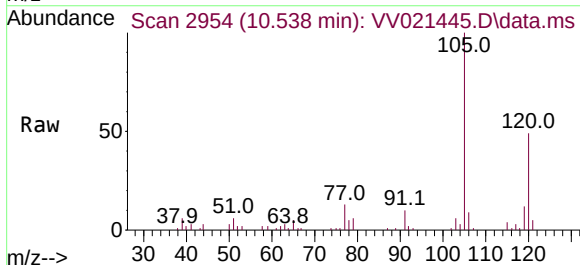
Instrument :
MSVOA_V
ClientSampled :

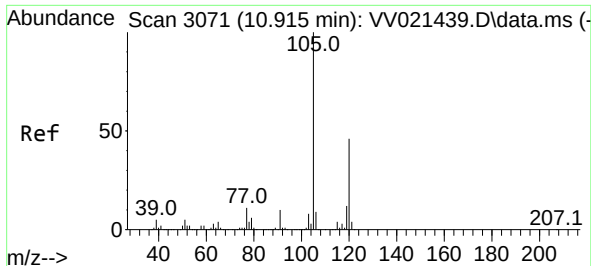
Tgt Ion: 75 Resp: 9161
Ion Ratio Lower Upper
75 100
77 34.7 25.9 38.9
110 43.4 34.8 52.2



#62
1,3,5-Trimethylbenzene
Concen: 2.20 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion: 105 Resp: 30553
Ion Ratio Lower Upper
105 100
120 49.1 40.1 60.1

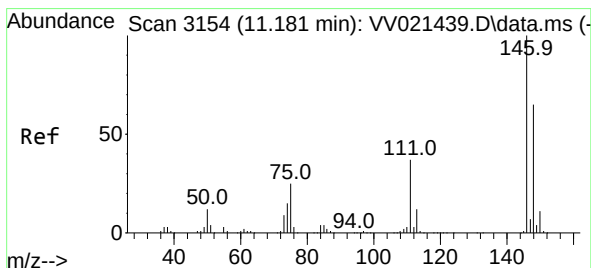
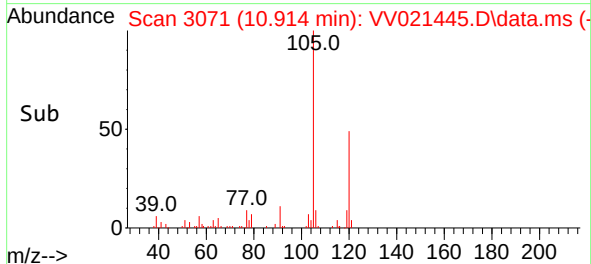
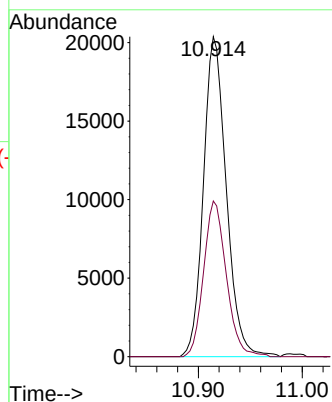
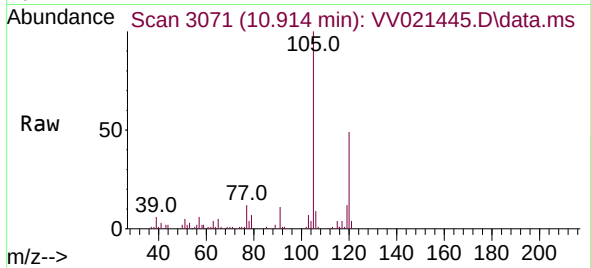




#63
1,2,4-Trimethylbenzene
Concen: 2.21 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

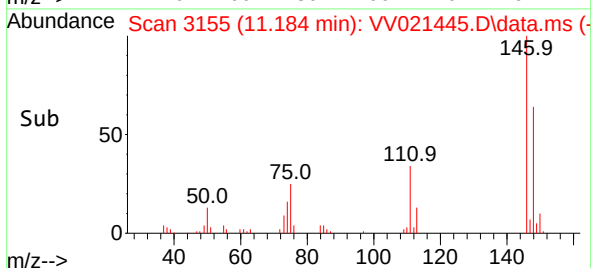
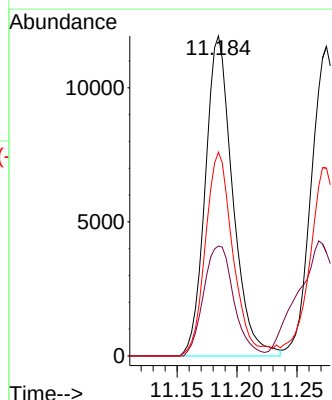
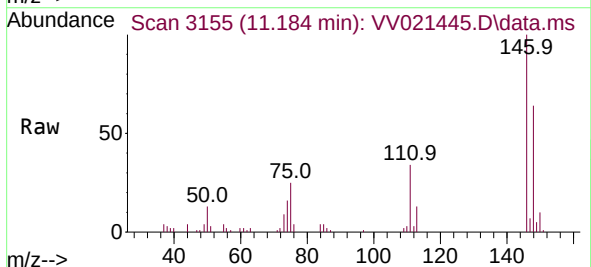
Instrument :
MSVOA_V
ClientSampled :

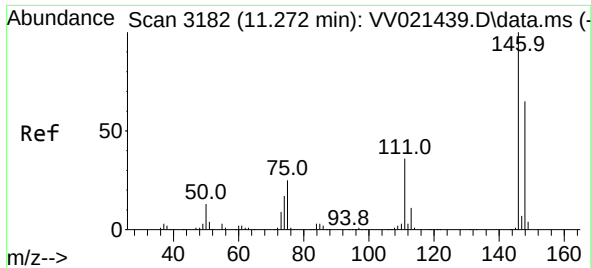
Tgt Ion:105 Resp: 31082
Ion Ratio Lower Upper
105 100
120 48.4 37.0 55.4



#64
1,3-Dichlorobenzene
Concen: 2.33 ug/L
RT: 11.184 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion:146 Resp: 19027
Ion Ratio Lower Upper
146 100
111 34.4 26.0 48.2
148 63.7 45.2 84.0

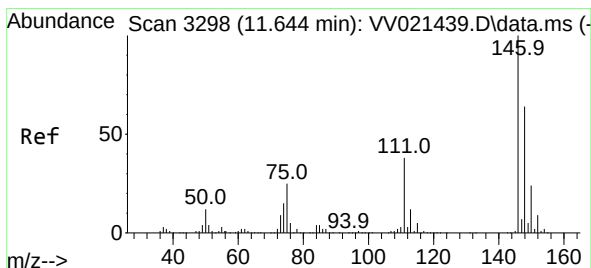
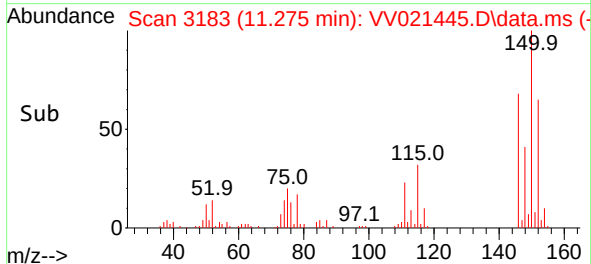
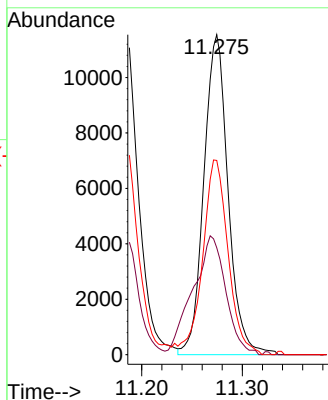
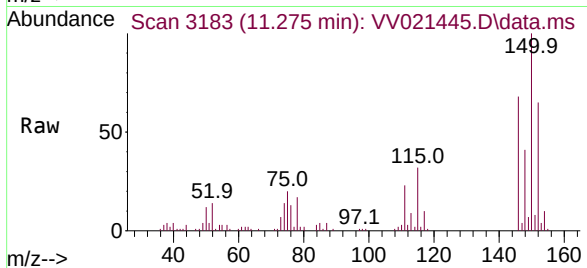




#65
1,4-Dichlorobenzene
Concen: 2.34 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

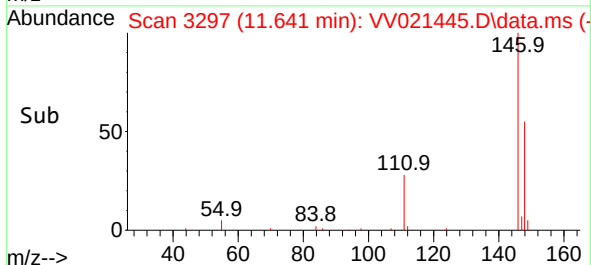
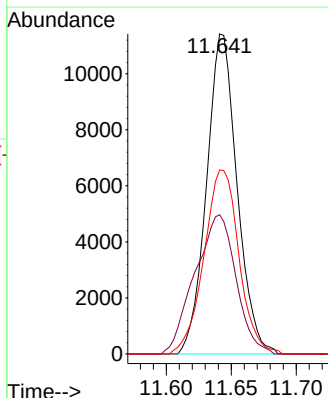
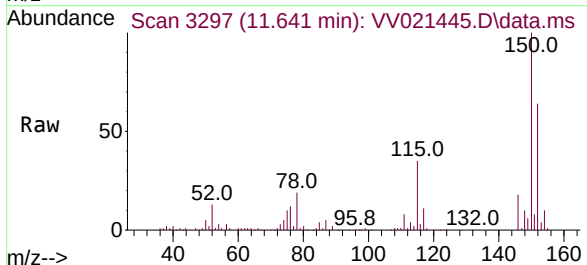
Instrument :
MSVOA_V
ClientSampleId :

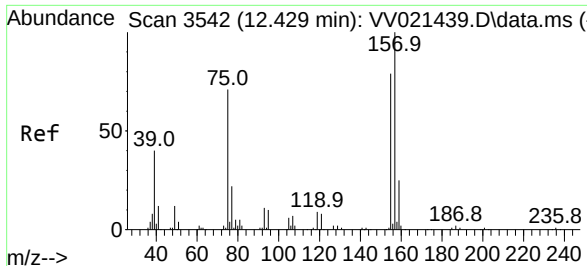
Tgt Ion:	146	Resp:	19319
Ion Ratio	Lower	Upper	
146	100		
111	33.4	25.4	47.2
148	60.7	45.4	84.4



#67
1,2-Dichlorobenzene
Concen: 2.29 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

Tgt Ion:	146	Resp:	18675
Ion Ratio	Lower	Upper	
146	100		
111	43.5	30.8	46.2
148	57.5	51.0	76.4

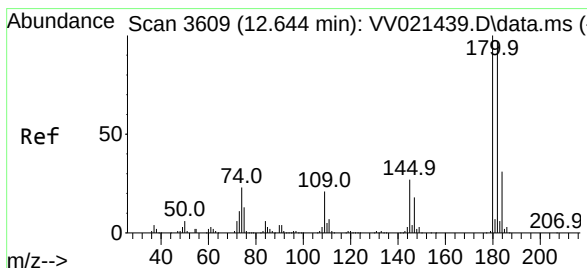
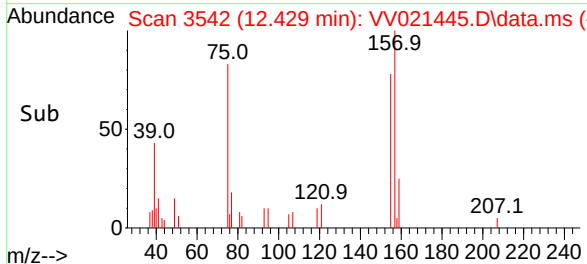
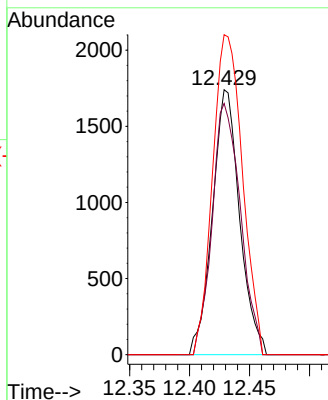
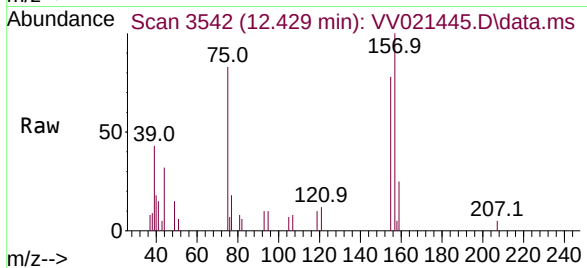




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.15 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV021445.D
 Acq: 27 May 2021 16:11

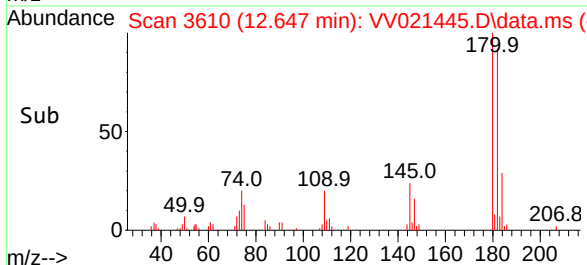
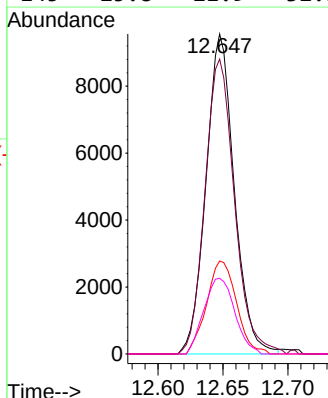
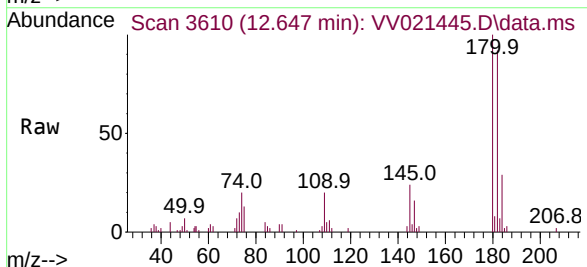
Instrument :
 MSVOA_V
 ClientSampleId :

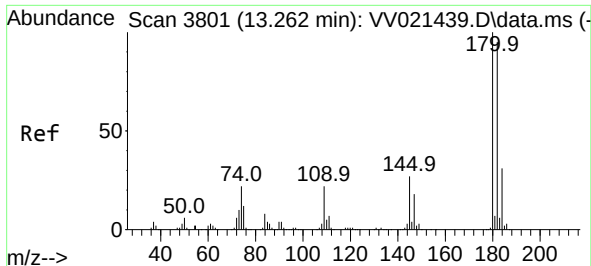
Tgt Ion: 75 Resp: 2745
 Ion Ratio Lower Upper
 75 100
 155 94.8 89.7 134.5
 157 120.8 113.2 169.8



#69
 1,3,5-Trichlorobenzene
 Concen: 2.10 ug/L
 RT: 12.647 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV021445.D
 Acq: 27 May 2021 16:11

Tgt Ion: 180 Resp: 14474
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.8 115.2
 184 30.6 24.3 36.5
 145 25.8 21.9 32.9

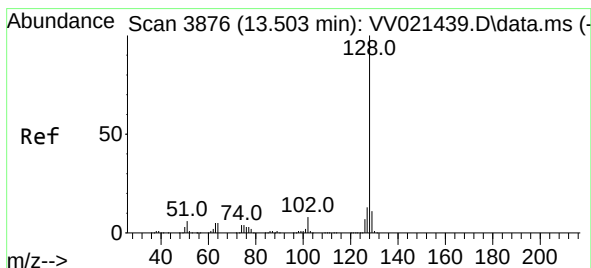
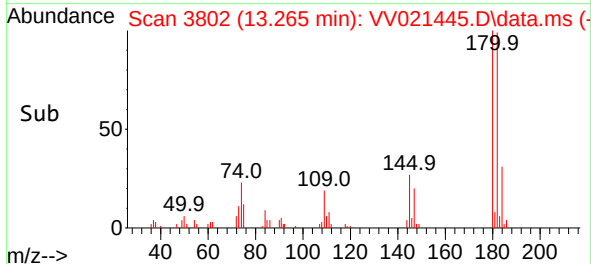
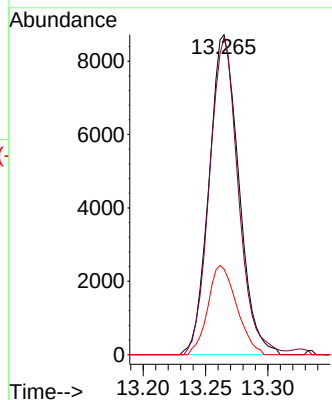
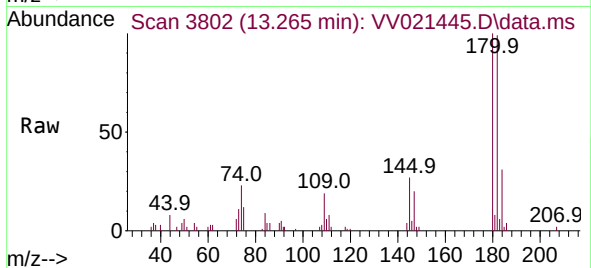




#70
1,2,4-trichlorobenzene
Concen: 2.35 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

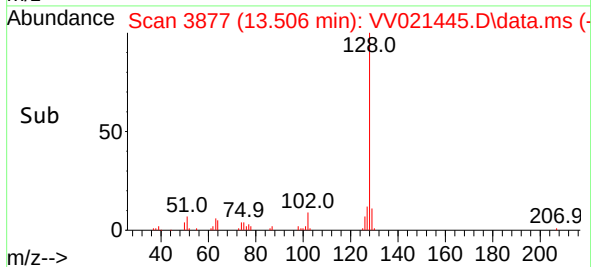
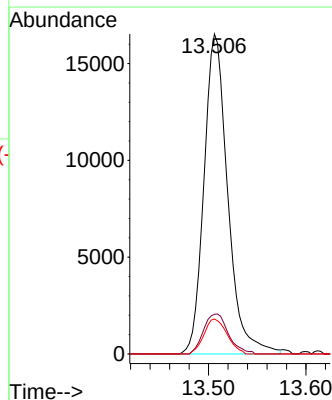
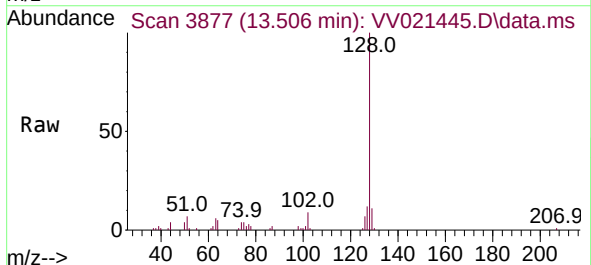
Instrument :
MSVOA_V
ClientSampled :

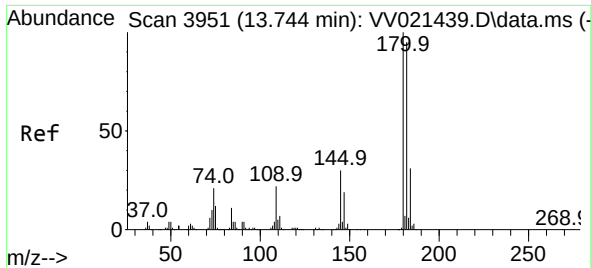
Tgt Ion:180 Resp: 14464
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.4
145 27.0 21.8 32.8



#71
Naphthalene
Concen: 1.65 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021445.D
Acq: 27 May 2021 16:11

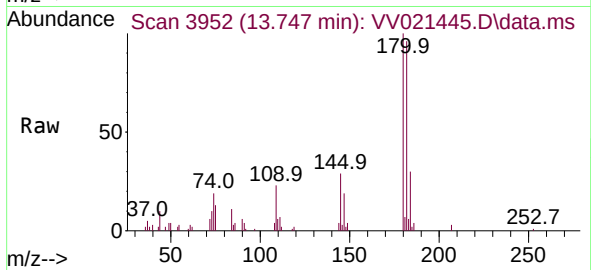
Tgt Ion:128 Resp: 27991
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.6 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.05 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV021445.D
 Acq: 27 May 2021 16:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	12256
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.3	114.5
145	28.6	24.0	36.0

