

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083121\
 Data File : VW022049.D
 Acq On : 31 Aug 2021 18:33
 Operator : SY/MD
 Sample : M3526-03MSD
 Misc : 5.45g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7A9MSD

Quant Time: Sep 01 02:47:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	369008	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	361189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	213903	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57308	22.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	44.860%#
7) Chloroethane-d5	1.529	69	17294	8.666	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	17.340%#
11) 1,1-Dichloroethene-d2	2.079	63	123070	29.121	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.240%#
21) 2-Butanone-d5	3.889	46	144844	82.647	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.650%
24) Chloroform-d	4.346	84	146523	31.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.900%#
26) 1,2-Dichloroethane-d4	5.031	65	89144	32.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.960%#
32) Benzene-d6	5.043	84	255151	26.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	52.080%#
36) 1,2-Dichloropropane-d6	6.069	67	94269	30.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	61.200%#
41) Toluene-d8	7.317	98	216510	23.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	46.820%#
43) trans-1,3-Dichloroprop...	7.625	79	43287	29.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.040%#
47) 2-Hexanone-d5	8.104	63	118198	99.986	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.990%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	178975	45.358	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.720%
66) 1,2-Dichlorobenzene-d4	11.628	152	127357	30.286	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.580%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	107277	42.293	ug/L	99
3) Chloromethane	1.237	50	120609	44.905	ug/L	99
5) Vinyl chloride	1.307	62	126485	46.723	ug/L	99
6) Bromomethane	1.491	94	38027	23.364	ug/L	98
8) Chloroethane	1.545	64	24885	14.694	ug/L	99
9) Trichlorofluoromethane	1.696	101	182584	47.362	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	104838	46.365	ug/L	98
12) 1,1-Dichloroethene	2.089	96	101434	47.655	ug/L #	72
13) Acetone	2.175	43	124161	84.554	ug/L #	74
14) Carbon disulfide	2.262	76	277364	43.186	ug/L	99
15) Methyl Acetate	2.429	43	145207	50.778	ug/L	99
16) Methylene chloride	2.491	84	139094	48.775	ug/L	99
17) trans-1,2-Dichloroethene	2.741	96	121991	47.401	ug/L	100
18) Methyl tert-butyl Ether	2.773	73	399864	48.894	ug/L	99
19) 1,1-Dichloroethane	3.179	63	219662	47.923	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	136404	47.621	ug/L	99
22) 2-Butanone	3.973	43	179946	87.179	ug/L	96
23) Bromochloromethane	4.243	128	73640	48.274	ug/L	98
25) Chloroform	4.371	83	232323	47.880	ug/L	100

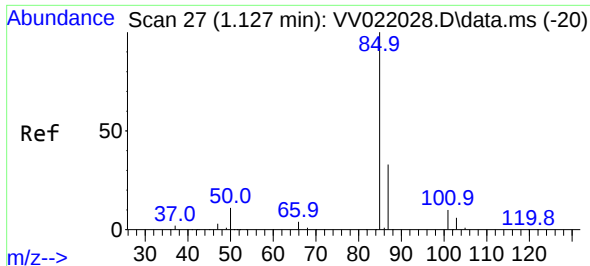
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	164081	50.447	ug/L	100
29) Cyclohexane	4.664	56	182532	45.208	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	198128	46.154	ug/L	99
31) Carbon tetrachloride	4.818	117	165186	44.789	ug/L	100
33) Benzene	5.092	78	492178	46.836	ug/L	100
34) Trichloroethene	5.912	95	132615	44.552	ug/L	99
35) Methylcyclohexane	6.127	83	197391	45.361	ug/L	99
37) 1,2-Dichloropropane	6.172	63	127035	46.636	ug/L	99
38) Bromodichloromethane	6.513	83	162137	46.544	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	198907	47.295	ug/L	100
40) 4-Methyl-2-pentanone	7.236	43	391695	106.066	ug/L	100
42) Toluene	7.387	91	540138	47.624	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	188063	48.046	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	136905	49.395	ug/L	99
46) Tetrachloroethene	7.976	164	106340	45.945	ug/L	97
48) 2-Hexanone	8.156	43	301770	105.318	ug/L	99
49) Dibromochloromethane	8.249	129	144197	48.604	ug/L	99
50) 1,2-Dibromoethane	8.355	107	145895	49.047	ug/L	99
51) Chlorobenzene	8.883	112	370223	48.551	ug/L	99
52) Ethylbenzene	9.014	91	590124	48.065	ug/L	99
53) m,p-Xylene	9.140	106	230971	48.400	ug/L	100
54) o-Xylene	9.545	106	231657	49.062	ug/L	96
55) Styrene	9.564	104	408386	50.681	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	225172	56.072	ug/L	99
59) Bromoform	9.738	173	102223	44.995	ug/L	100
60) Isopropylbenzene	9.934	105	612650	45.582	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	179066	48.302	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	524667	46.497	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	550901	48.033	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	318467	46.667	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	324636	46.489	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	323065	47.678	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	43316	48.480	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	236895	46.425	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	204920	45.651	ug/L	99
71) Naphthalene	13.506	128	625696	48.457	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	203856	46.561	ug/L	99

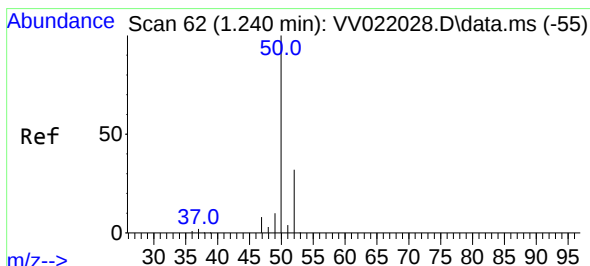
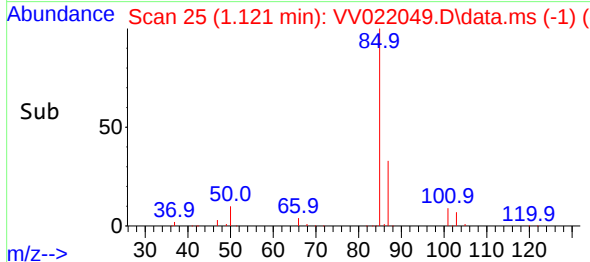
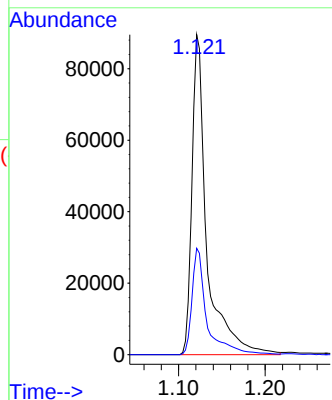
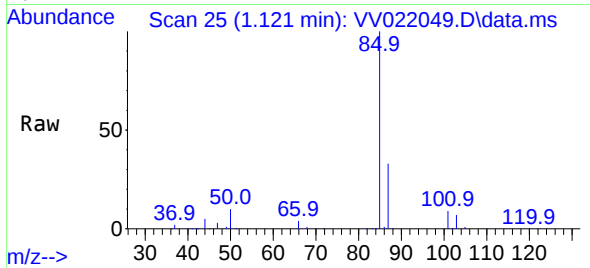
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 42.293 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. -0.006 min
 Lab File: VV022049.D
 Acq: 31 Aug 2021 18:33

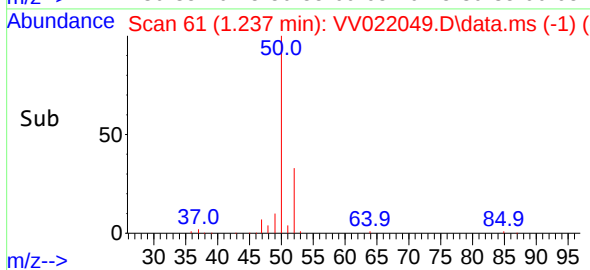
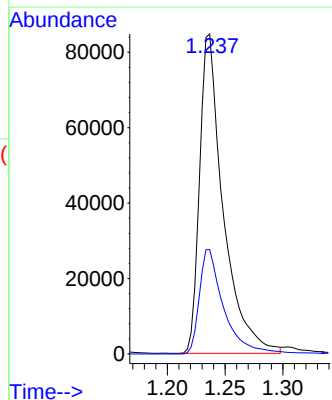
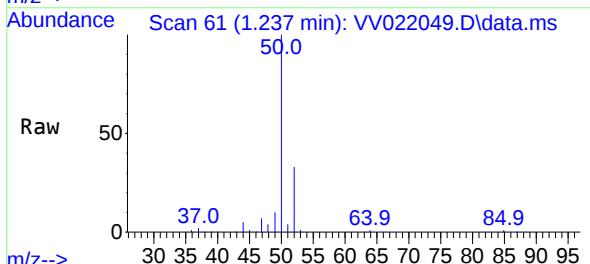
Instrument :
 MSVOA_V
 ClientSampleId :
 EW7A9MSD

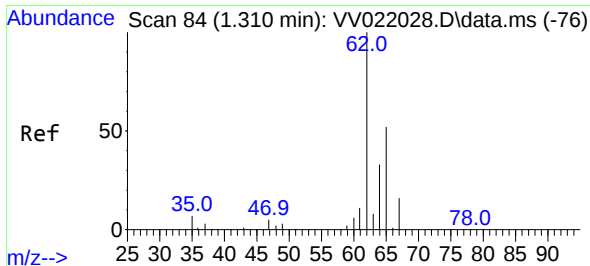
Tgt Ion: 85 Resp: 107277
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 44.905 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV022049.D
 Acq: 31 Aug 2021 18:33

Tgt Ion: 50 Resp: 120609
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.5 41.9

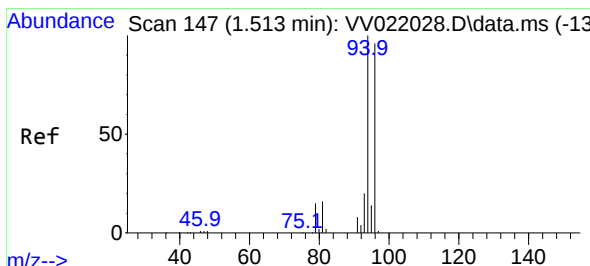
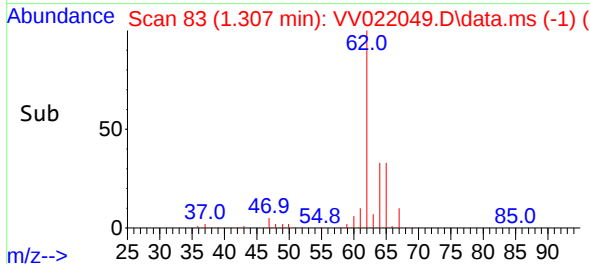
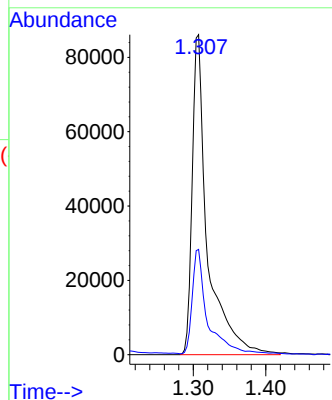
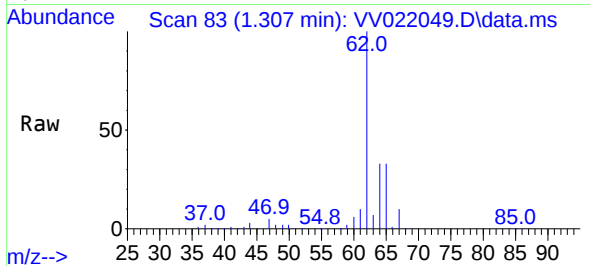




#5
 Vinyl chloride
 Concen: 46.723 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022049.D
 Acq: 31 Aug 2021 18:33

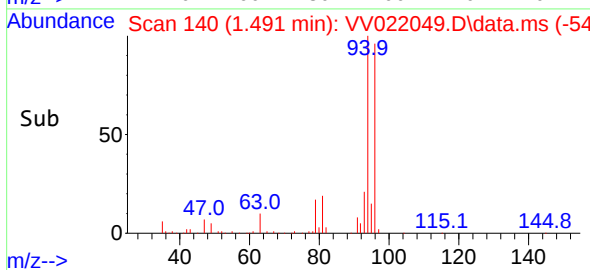
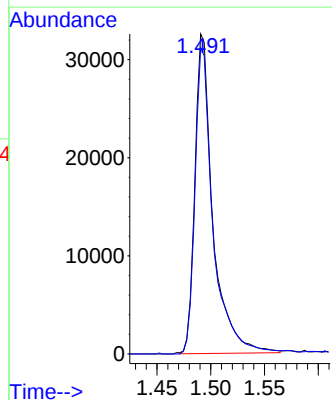
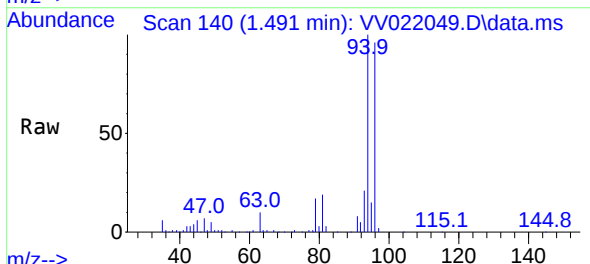
Instrument :
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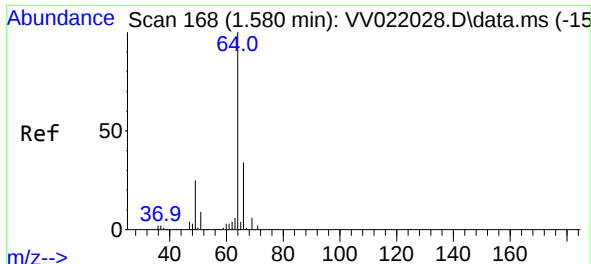
Tgt Ion: 62 Resp: 126485
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.6



#6
 Bromomethane
 Concen: 23.364 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.022 min
 Lab File: VV022049.D
 Acq: 31 Aug 2021 18:33

Tgt Ion: 94 Resp: 38027
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.8 122.2

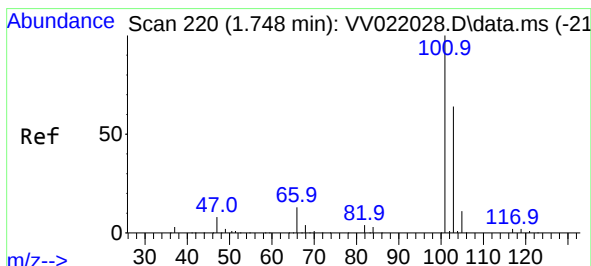
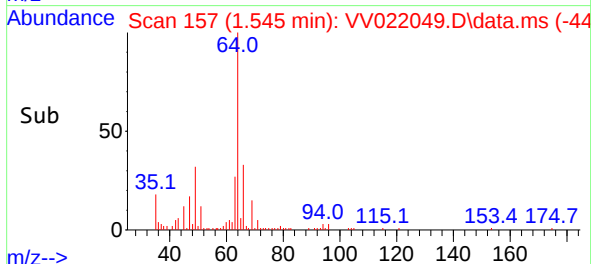
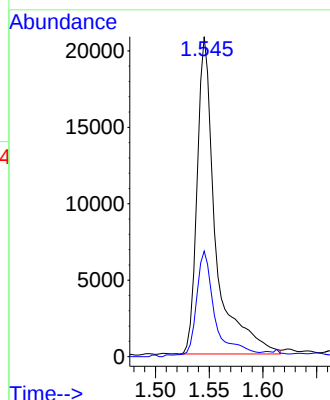
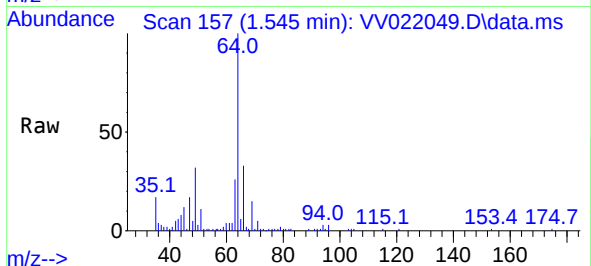




#8
Chloroethane
Concen: 14.694 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.035 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

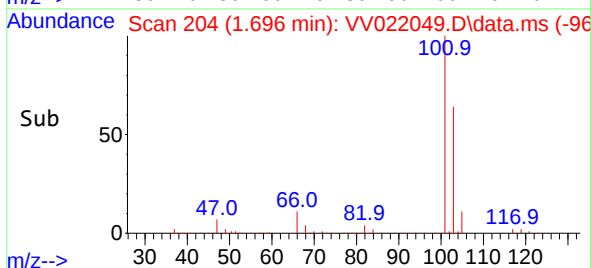
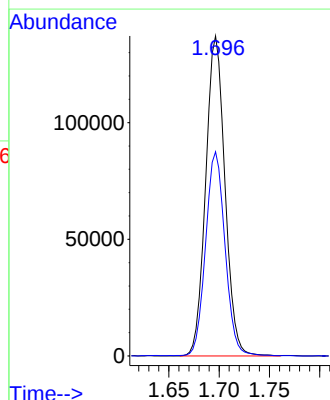
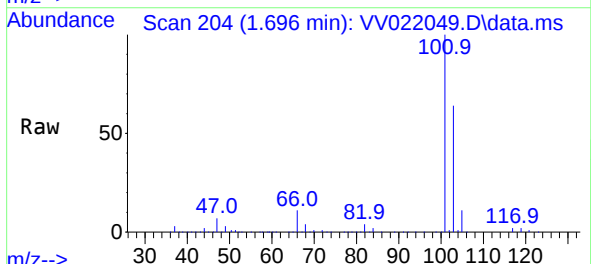
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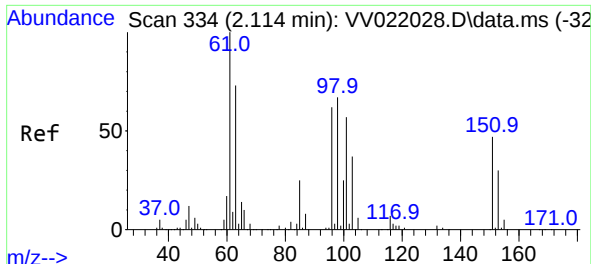
Tgt Ion: 64 Resp: 24885
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 47.362 ug/L
RT: 1.696 min Scan# 204
Delta R.T. -0.051 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:101 Resp: 182584
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

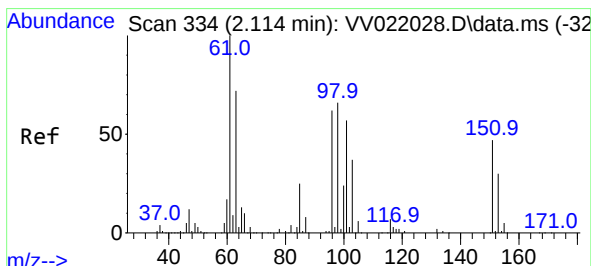
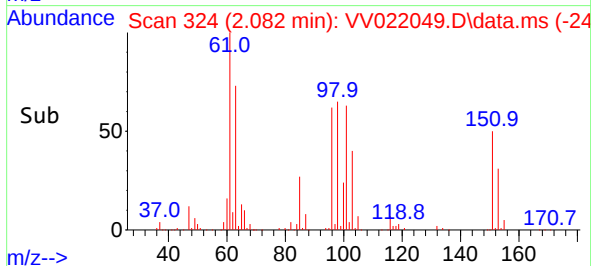
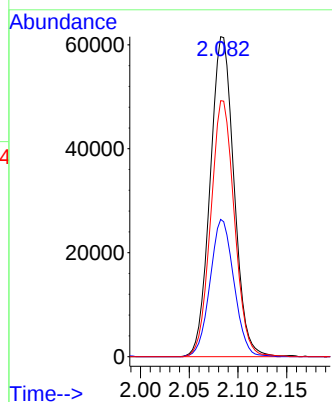
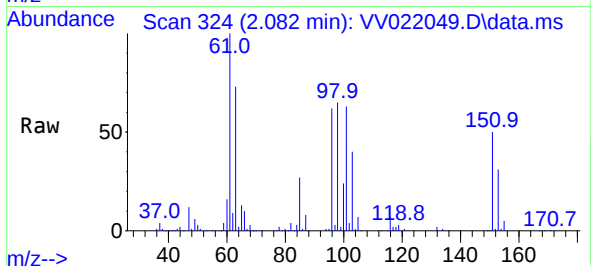




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.365 ug/L
RT: 2.082 min Scan# 324
Delta R.T. -0.032 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

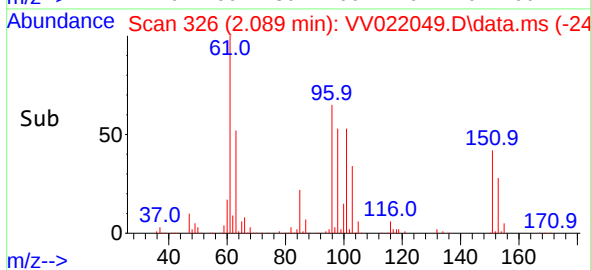
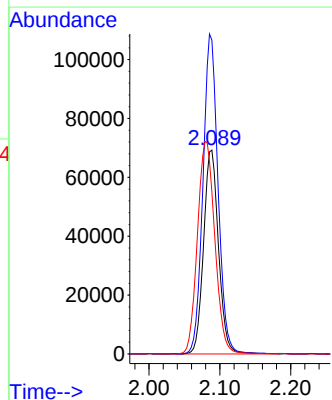
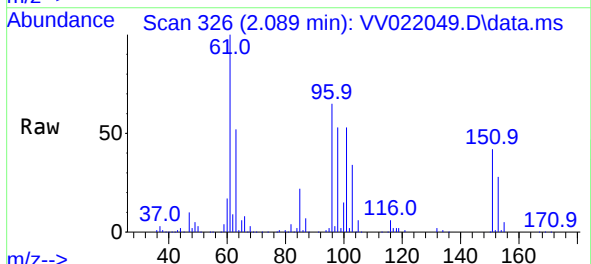
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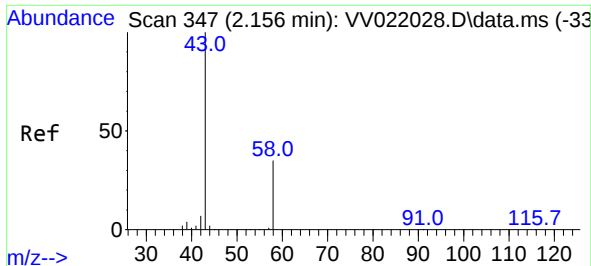
Tgt Ion:101 Resp: 104838
Ion Ratio Lower Upper
101 100
85 43.0 33.4 50.0
151 79.4 61.7 92.5



#12
1,1-Dichloroethene
Concen: 47.655 ug/L
RT: 2.089 min Scan# 326
Delta R.T. -0.026 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 96 Resp: 101434
Ion Ratio Lower Upper
96 100
61 153.9 113.2 210.2
63 79.5 102.3 189.9#

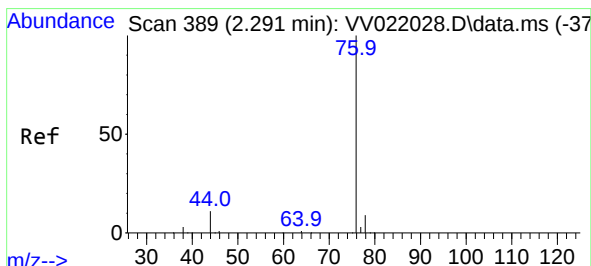
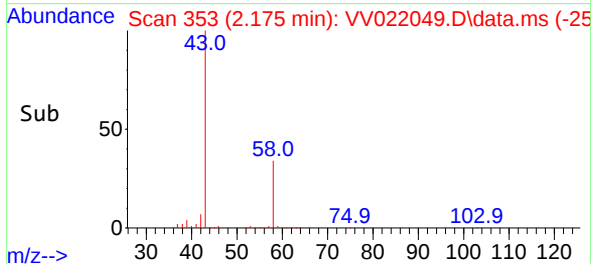
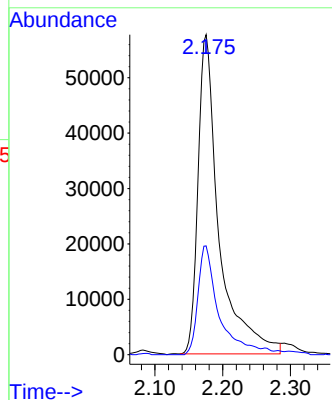
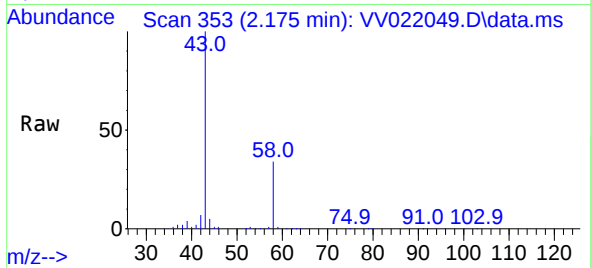




#13
Acetone
Concen: 84.554 ug/L
RT: 2.175 min Scan# 353
Delta R.T. 0.019 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

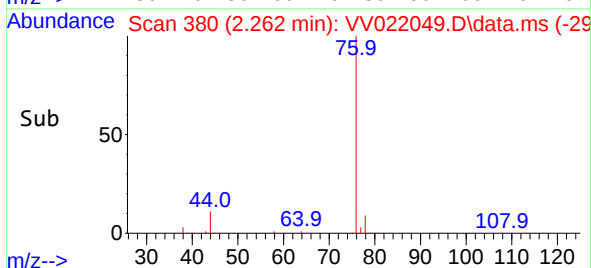
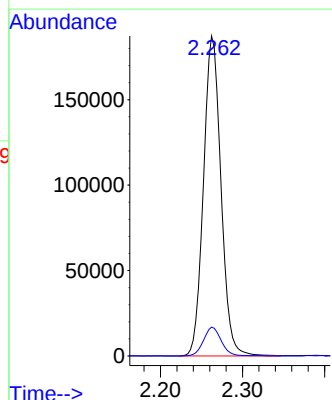
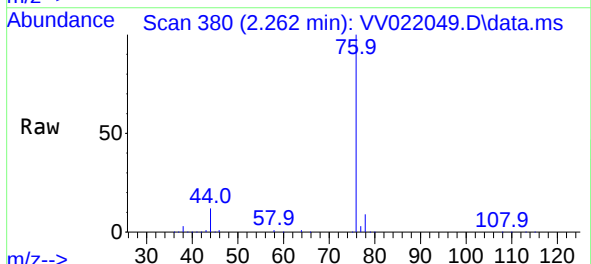
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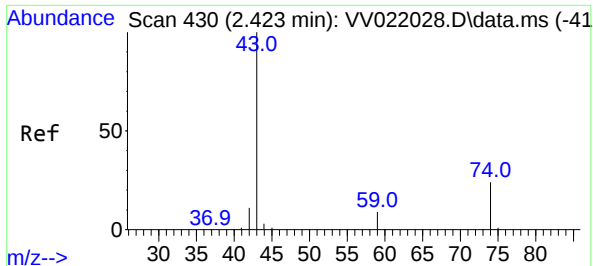
Tgt Ion: 43 Resp: 124161
Ion Ratio Lower Upper
43 100
58 33.3 0.0 0.4#



#14
Carbon disulfide
Concen: 43.186 ug/L
RT: 2.262 min Scan# 380
Delta R.T. -0.029 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 76 Resp: 277364
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

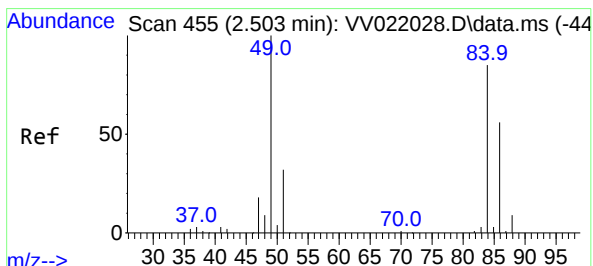
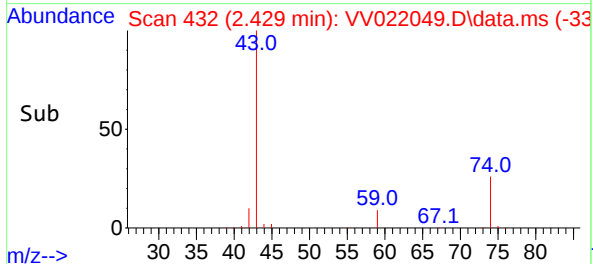
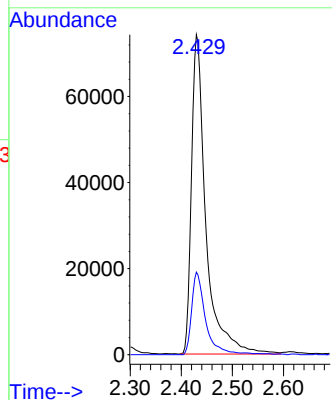
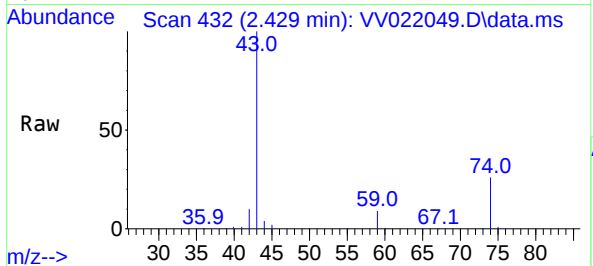




#15
Methyl Acetate
Concen: 50.778 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.007 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

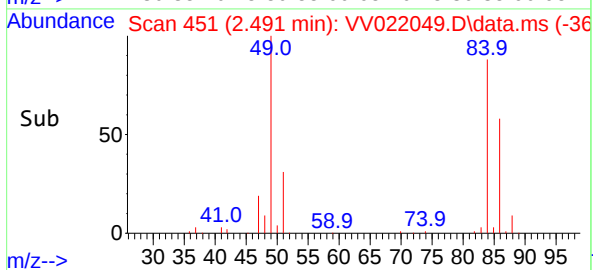
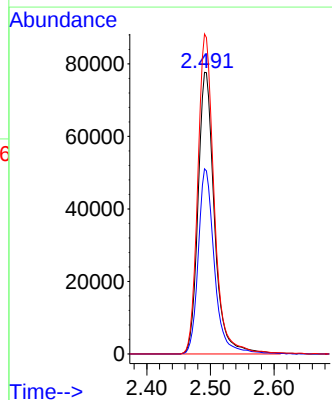
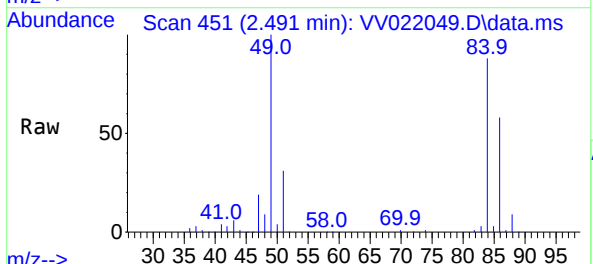
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

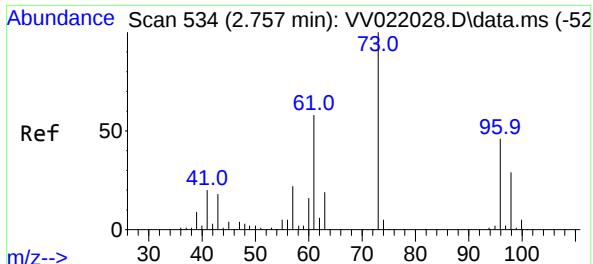
Tgt Ion: 43 Resp: 145207
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2



#16
Methylene chloride
Concen: 48.775 ug/L
RT: 2.491 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 84 Resp: 139094
Ion Ratio Lower Upper
84 100
86 65.7 44.8 83.2
49 113.7 80.2 149.0

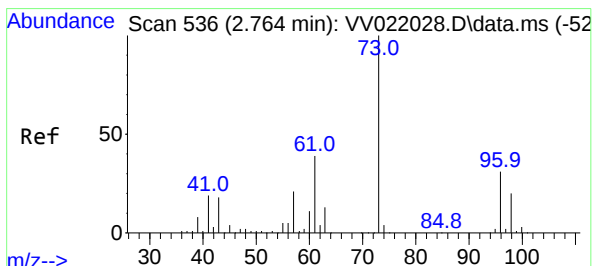
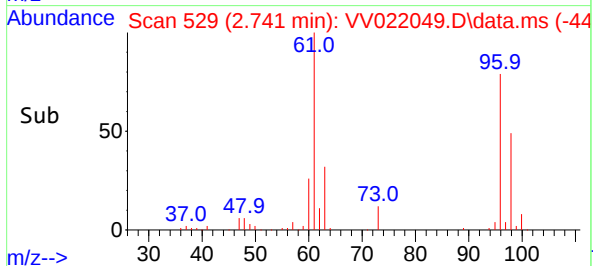
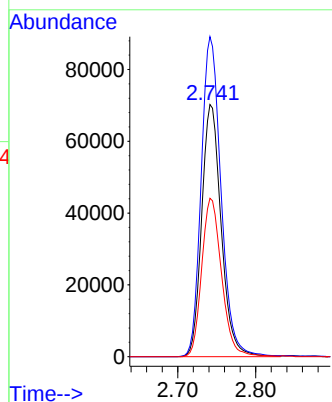
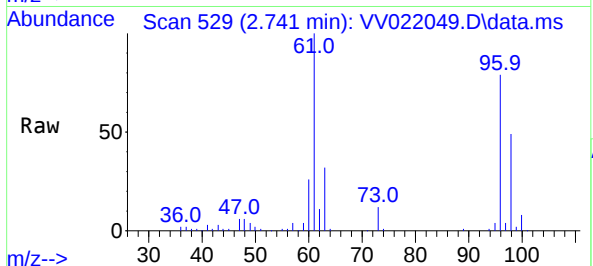




#17
trans-1,2-Dichloroethene
Concen: 47.401 ug/L
RT: 2.741 min Scan# 529
Delta R.T. -0.016 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

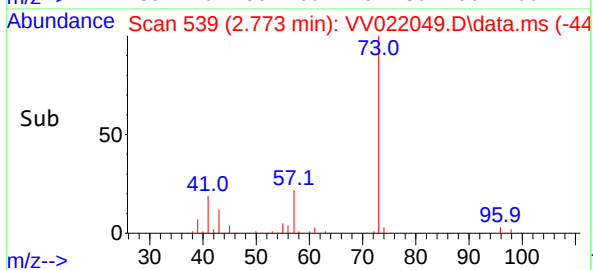
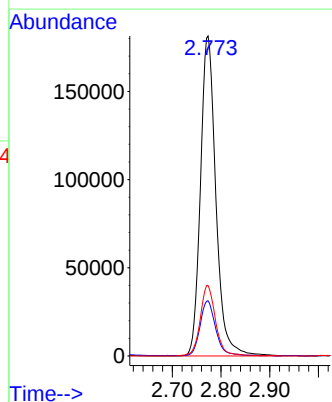
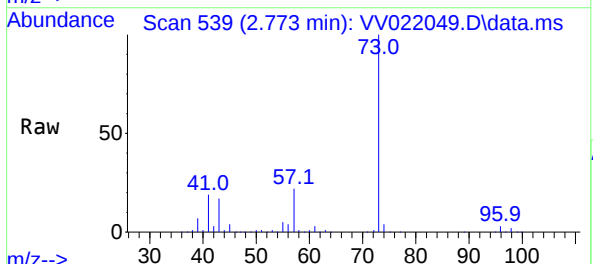
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

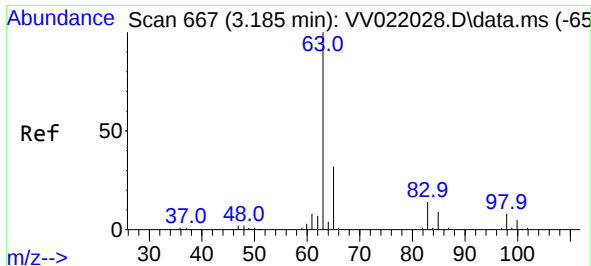
Tgt Ion: 96 Resp: 121991
Ion Ratio Lower Upper
96 100
61 126.9 89.1 165.5
98 62.8 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 48.894 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 73 Resp: 399864
Ion Ratio Lower Upper
73 100
43 17.1 13.8 20.6
57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 47.923 ug/L

RT: 3.179 min Scan# 665

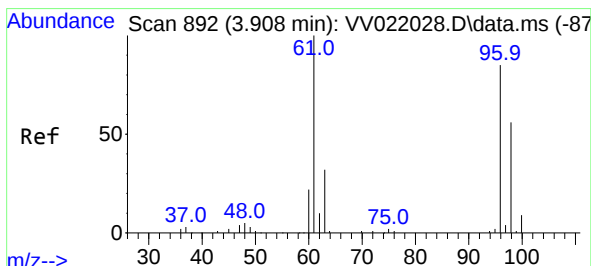
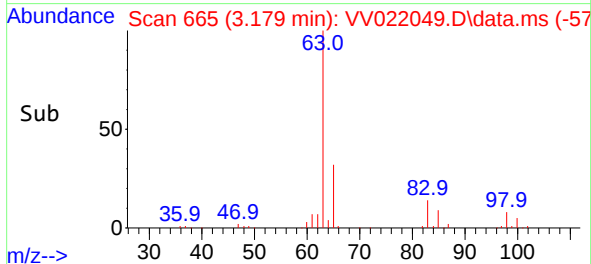
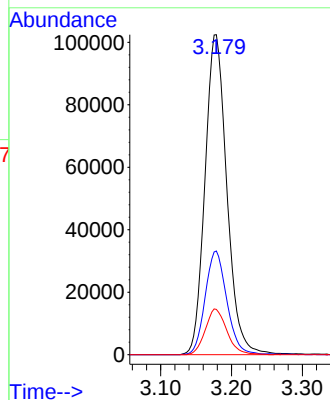
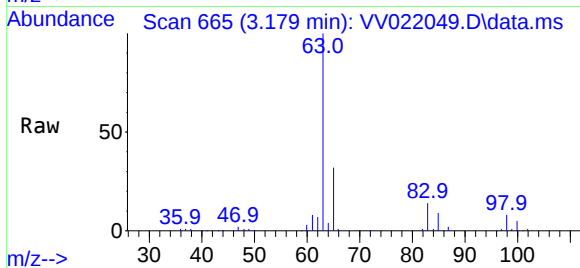
Delta R.T. -0.006 min

Lab File: VV022049.D

Acq: 31 Aug 2021 18:33

Tgt Ion: 63 Resp: 219662

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.2	41.2
83	14.1	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 47.621 ug/L

RT: 3.902 min Scan# 890

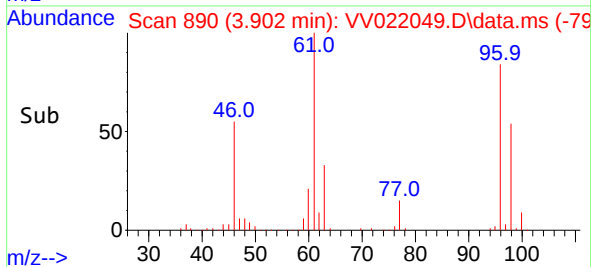
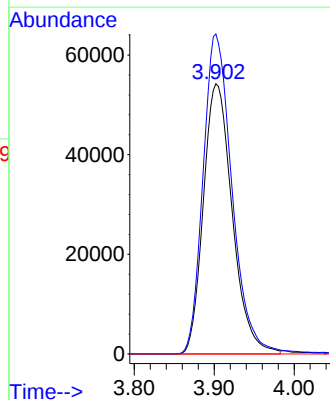
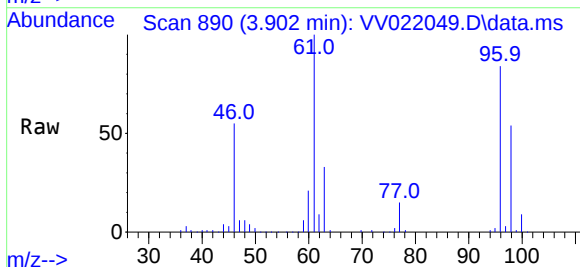
Delta R.T. -0.006 min

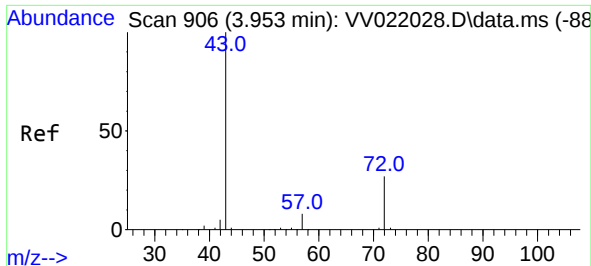
Lab File: VV022049.D

Acq: 31 Aug 2021 18:33

Tgt Ion: 96 Resp: 136404

Ion	Ratio	Lower	Upper
96	100		
61	118.4	81.8	152.0
68	0.0	0.0	0.0

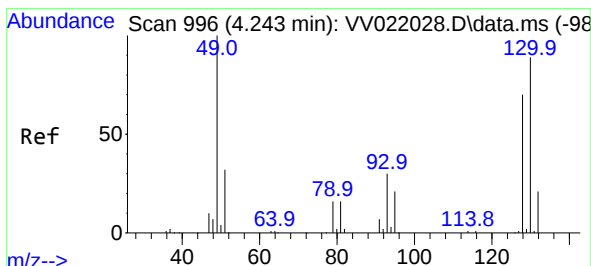
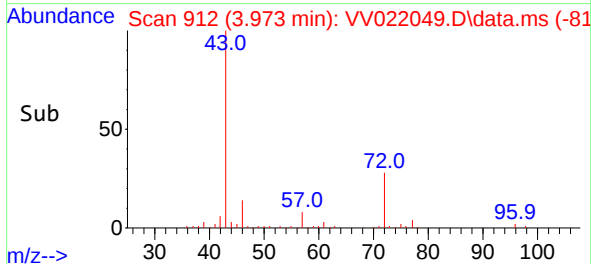
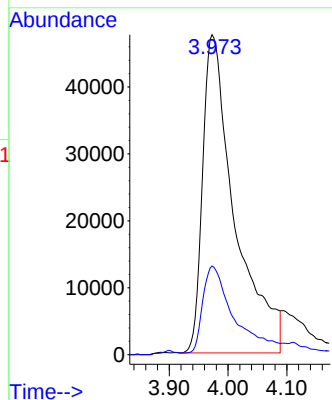
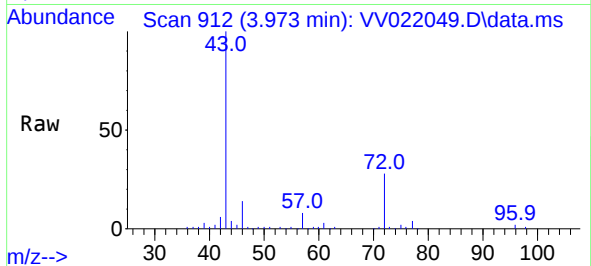




#22
2-Butanone
Concen: 87.179 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.019 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

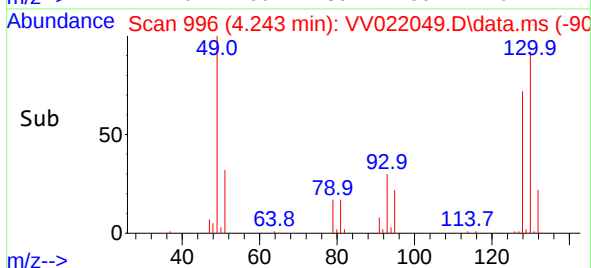
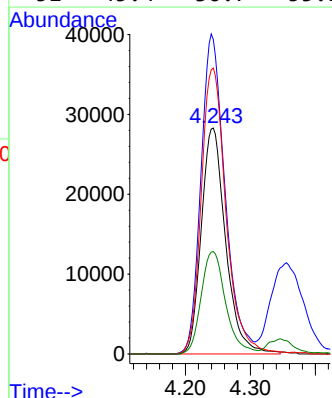
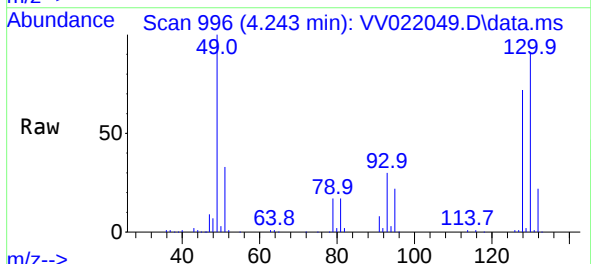
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

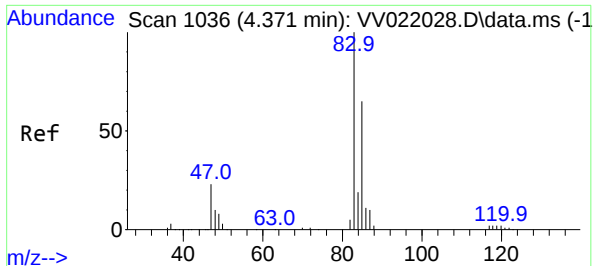
Tgt Ion: 43 Resp: 179946
Ion Ratio Lower Upper
43 100
72 24.4 13.3 39.8



#23
Bromochloromethane
Concen: 48.274 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:128 Resp: 73640
Ion Ratio Lower Upper
128 100
49 139.3 101.6 188.8
130 126.6 88.5 164.3
51 45.4 36.7 55.1



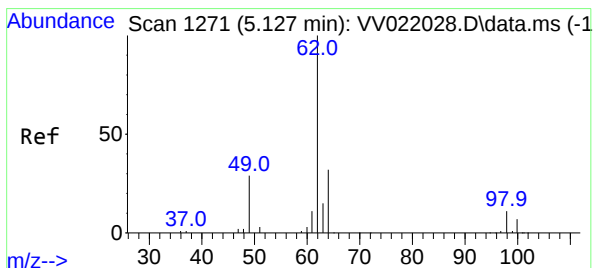
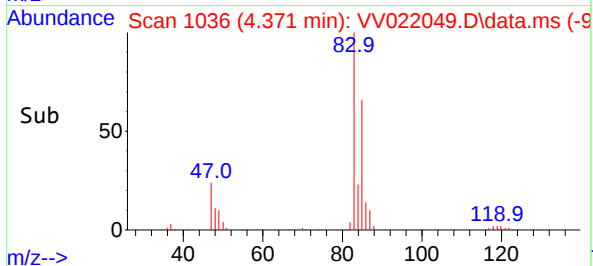
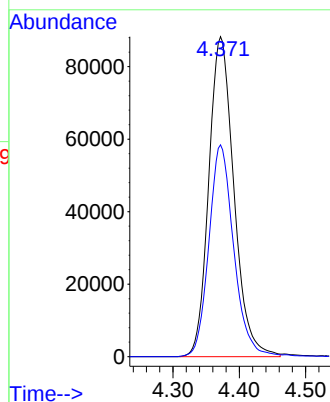
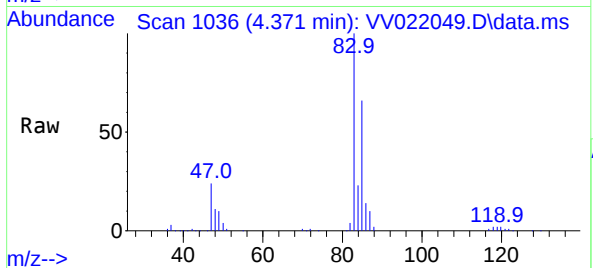


#25

Chloroform
Concen: 47.880 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

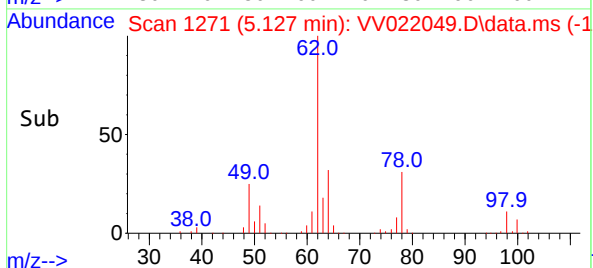
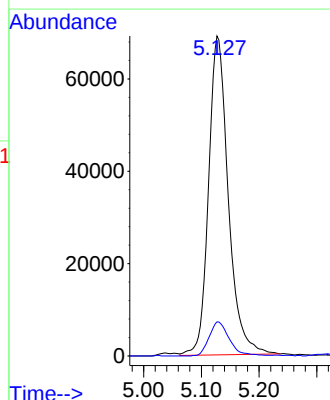
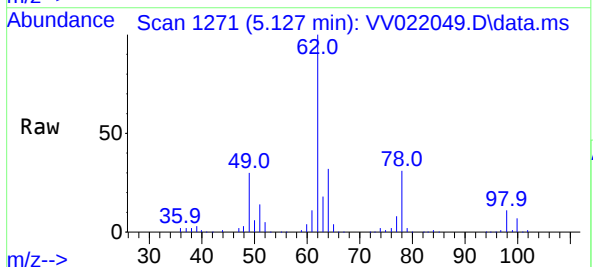
Tgt Ion: 83 Resp: 232323
Ion Ratio Lower Upper
83 100
85 66.2 46.3 85.9

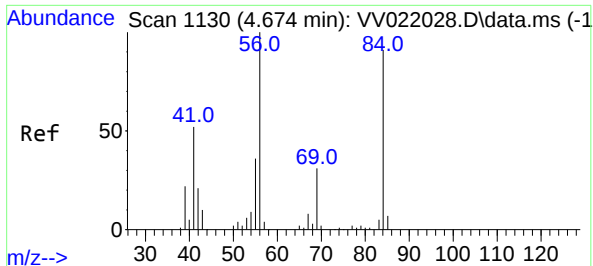


#27

1,2-Dichloroethane
Concen: 50.447 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 62 Resp: 164081
Ion Ratio Lower Upper
62 100
98 10.6 8.5 12.7





#29

Cyclohexane

Concen: 45.208 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.009 min

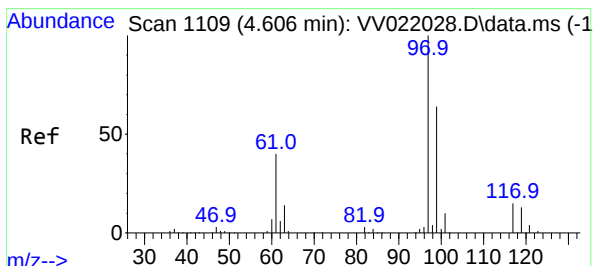
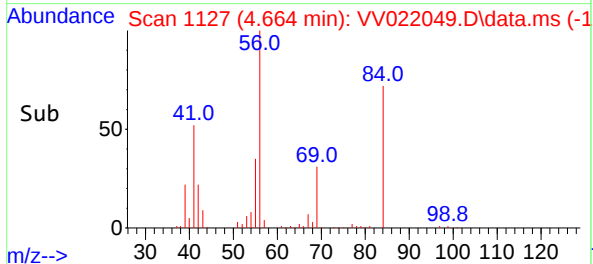
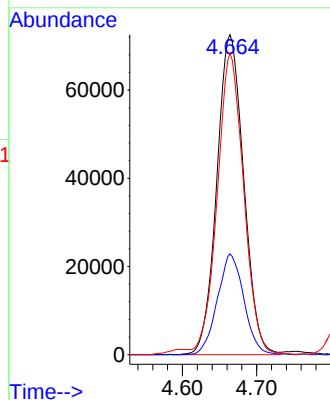
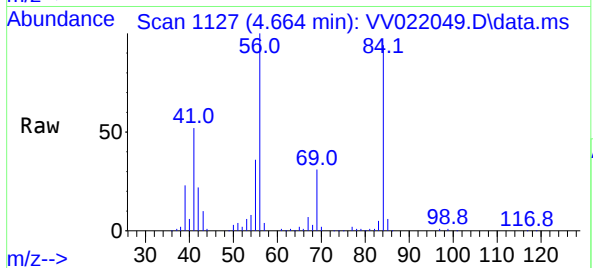
Lab File: VV022049.D

Acq: 31 Aug 2021 18:33

Tgt Ion: 56 Resp: 182532

Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.2	37.8
84	92.5	74.6	111.8

Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD



#30

1,1,1-Trichloroethane

Concen: 46.154 ug/L

RT: 4.600 min Scan# 1107

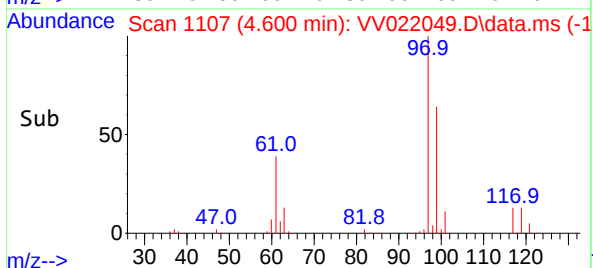
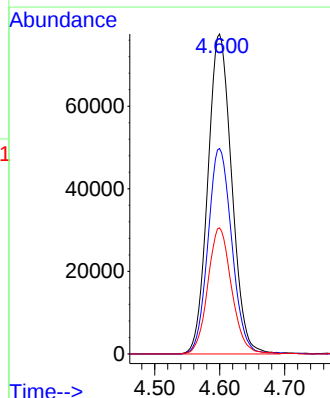
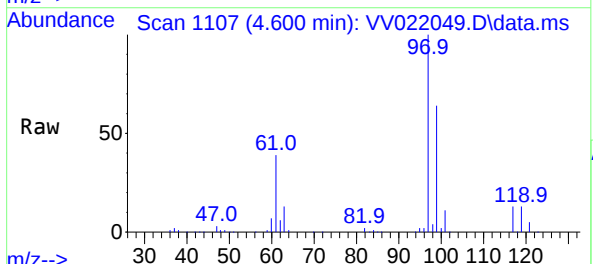
Delta R.T. -0.006 min

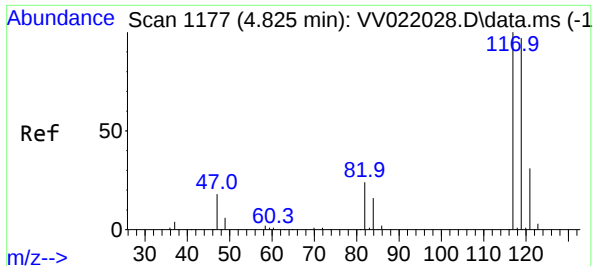
Lab File: VV022049.D

Acq: 31 Aug 2021 18:33

Tgt Ion: 97 Resp: 198128

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	39.2	31.8	47.8

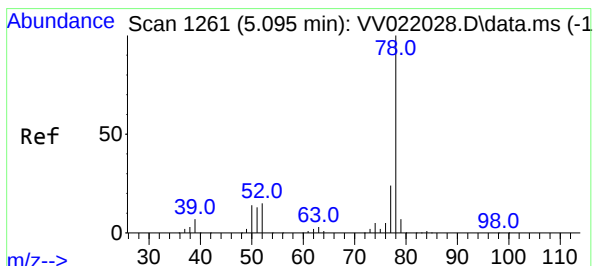
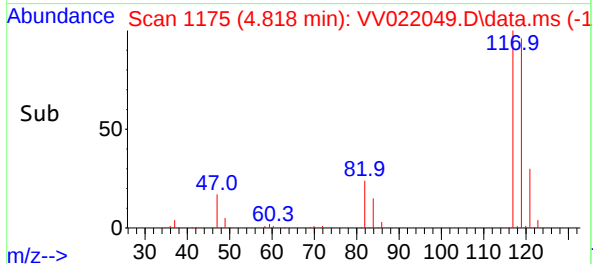
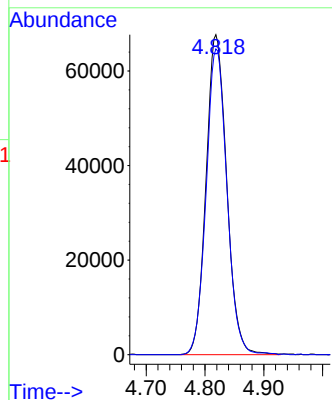
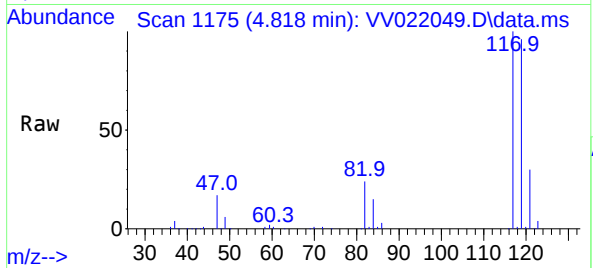




#31
Carbon tetrachloride
Concen: 44.789 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

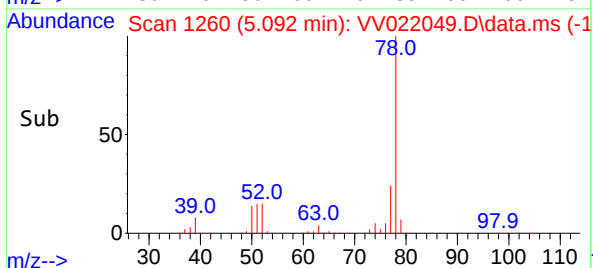
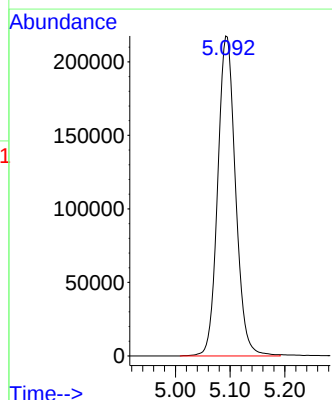
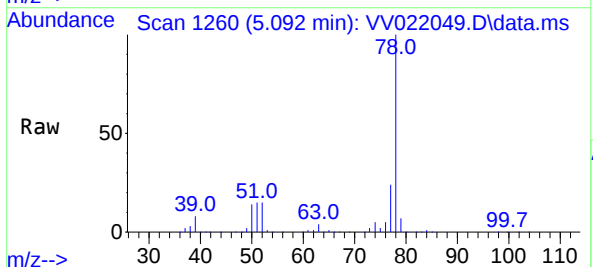
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

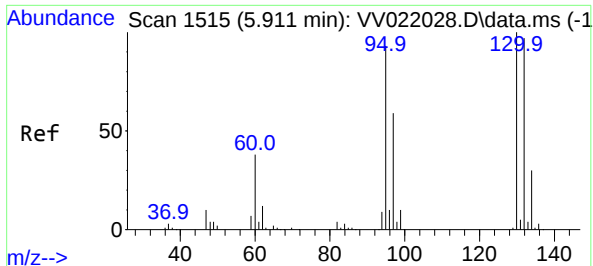
Tgt Ion:117 Resp: 165186
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 46.836 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 78 Resp: 492178

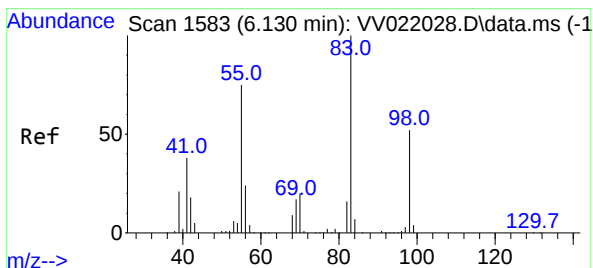
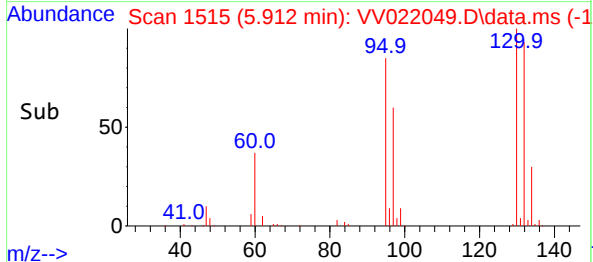
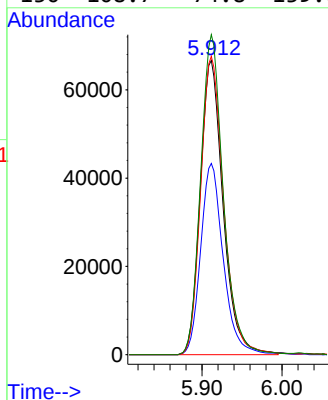
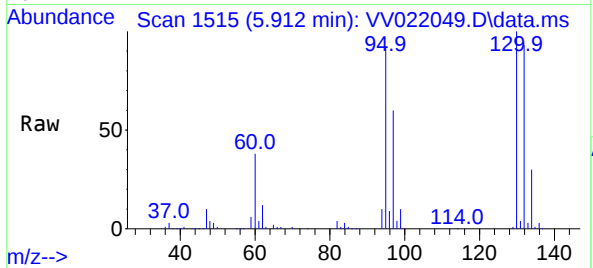




#34
Trichloroethene
Concen: 44.552 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

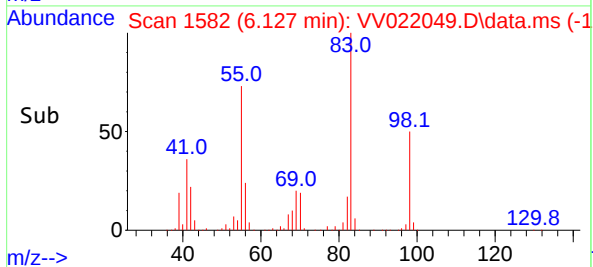
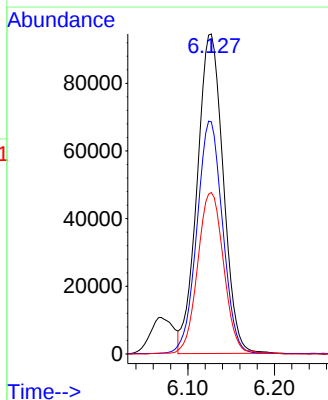
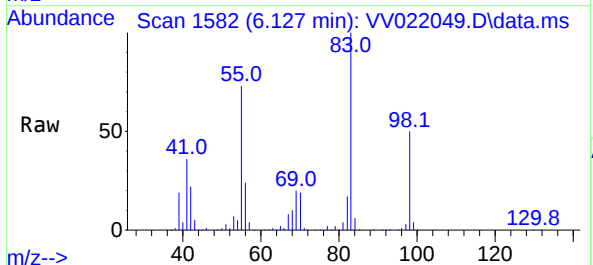
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

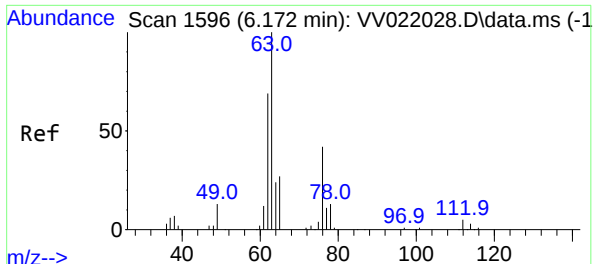
Tgt Ion: 95 Resp: 132615
Ion Ratio Lower Upper
95 100
97 65.0 44.1 81.9
132 101.4 70.7 131.3
130 108.7 74.8 139.0



#35
Methylcyclohexane
Concen: 45.361 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 83 Resp: 197391
Ion Ratio Lower Upper
83 100
55 71.7 56.8 85.2
98 50.6 39.9 59.9

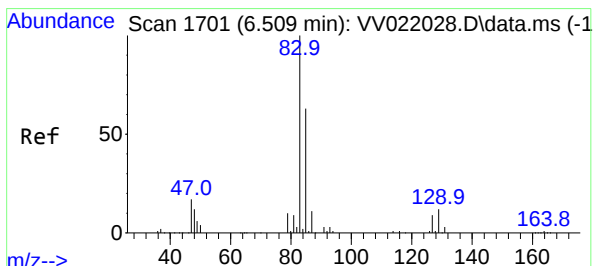
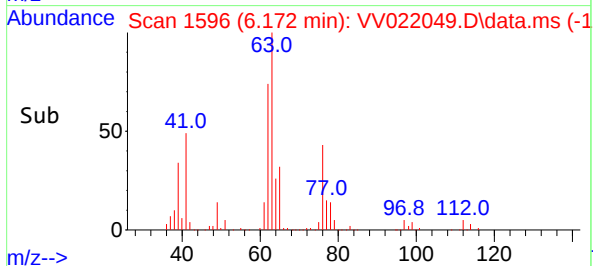
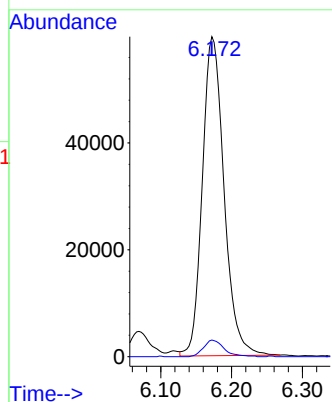
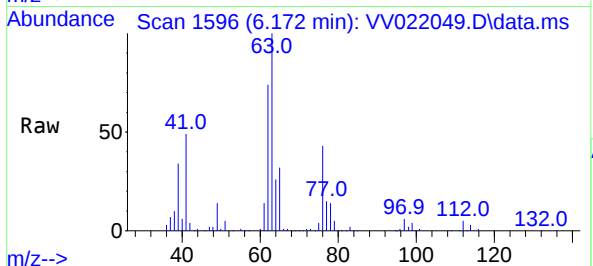




#37
1,2-Dichloropropane
Concen: 46.636 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

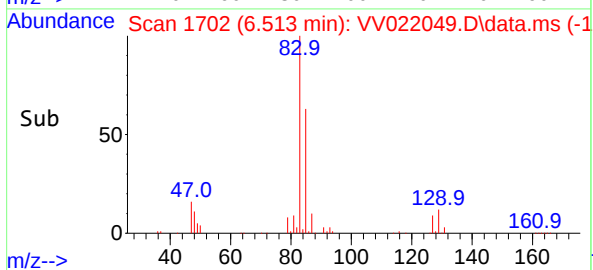
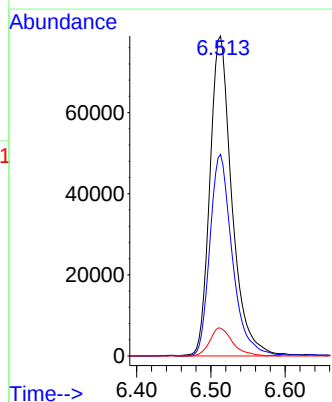
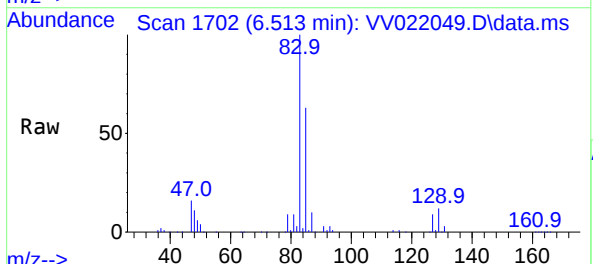
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

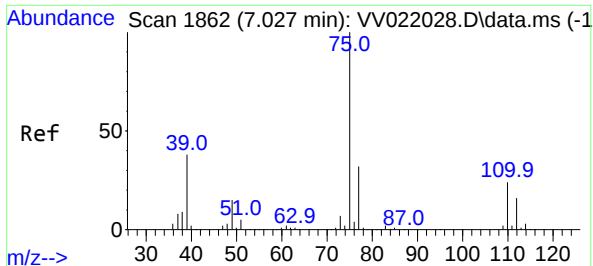
Tgt Ion: 63 Resp: 127035
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 46.544 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 83 Resp: 162137
Ion Ratio Lower Upper
83 100
85 63.0 44.8 83.2
127 8.7 7.3 10.9

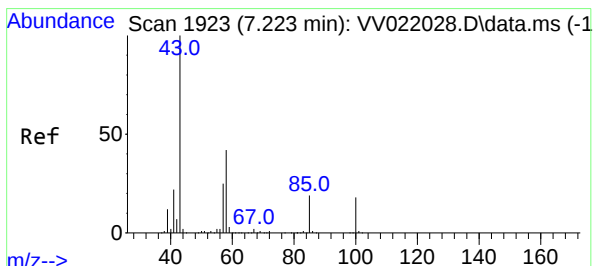
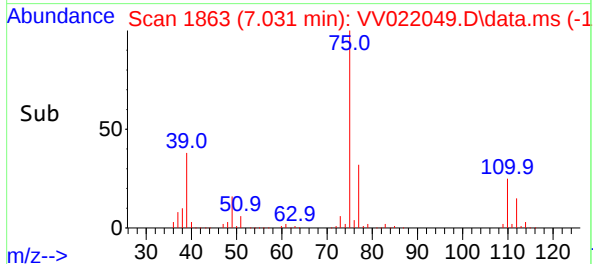
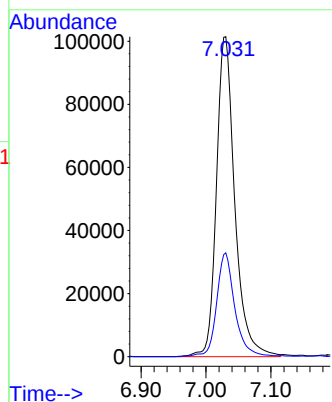
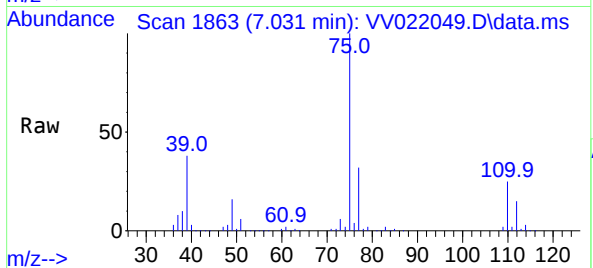




#39
cis-1,3-Dichloropropene
Concen: 47.295 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

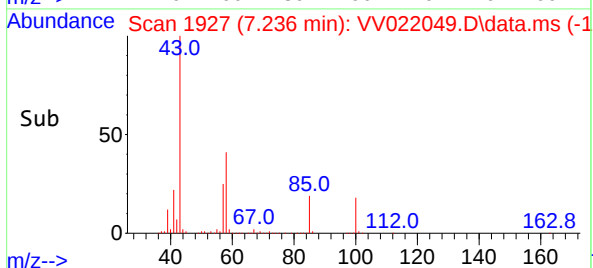
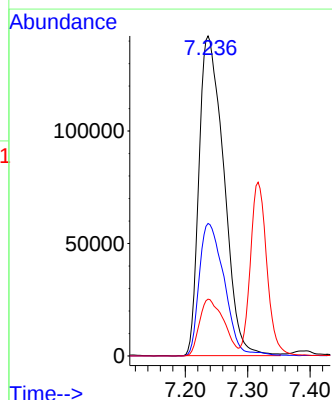
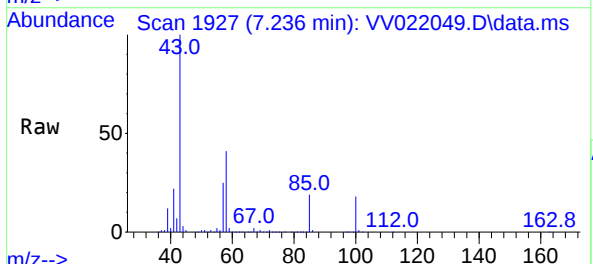
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

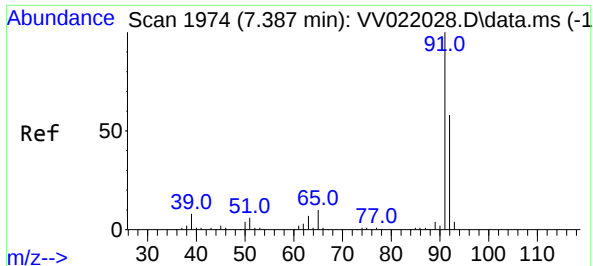
Tgt Ion: 75 Resp: 198907
Ion Ratio Lower Upper
75 100
77 32.4 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 106.066 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.013 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 43 Resp: 391695
Ion Ratio Lower Upper
43 100
58 41.5 33.3 49.9
100 17.5 14.5 21.7





#42

Toluene

Concen: 47.624 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV022049.D

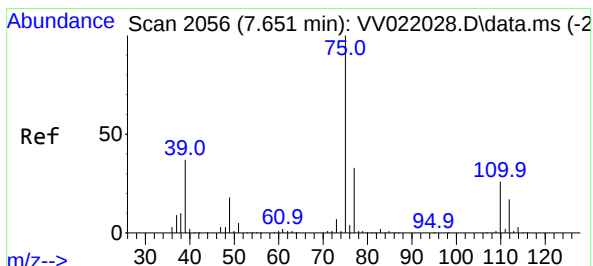
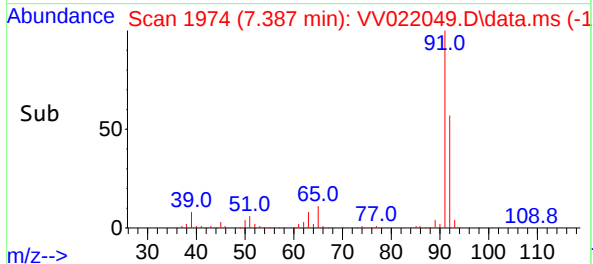
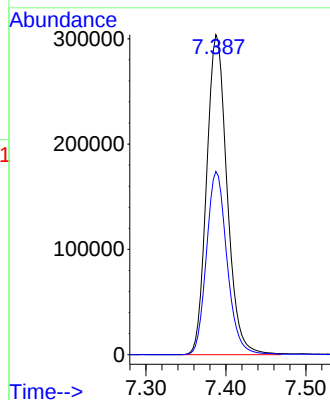
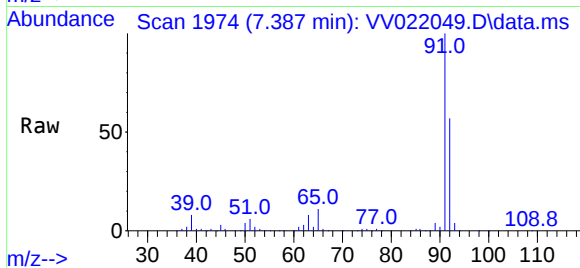
Acq: 31 Aug 2021 18:33

Tgt Ion: 91 Resp: 540138

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 48.046 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022049.D

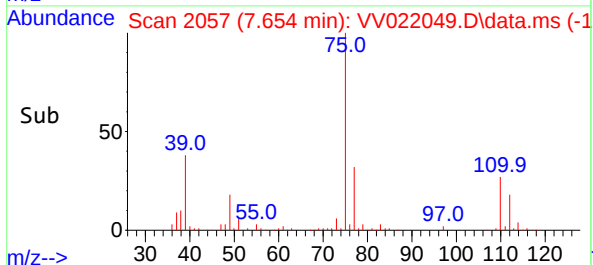
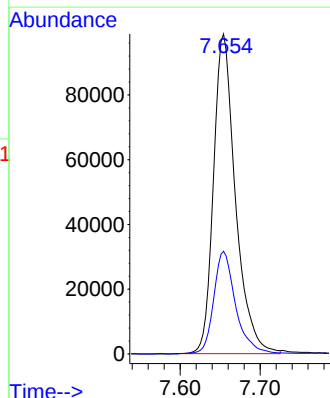
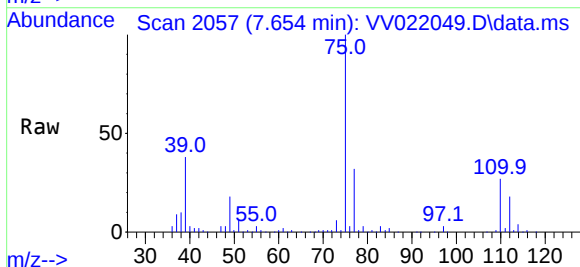
Acq: 31 Aug 2021 18:33

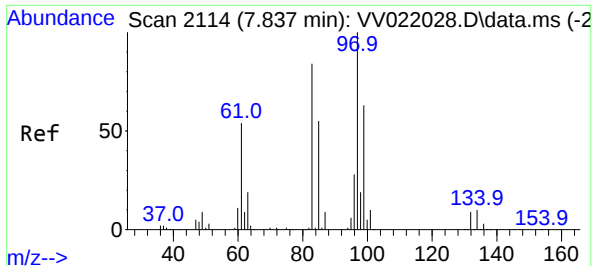
Tgt Ion: 75 Resp: 188063

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6





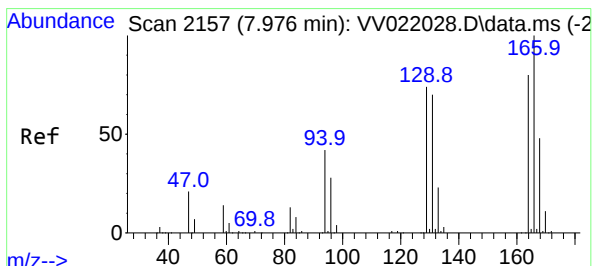
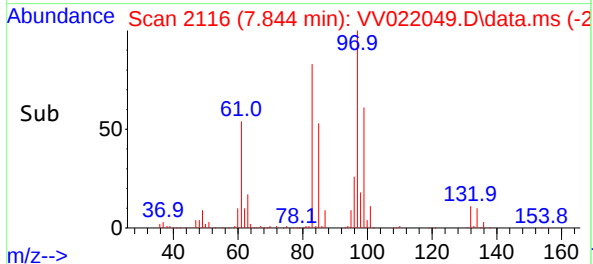
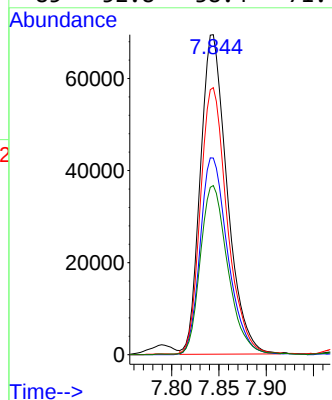
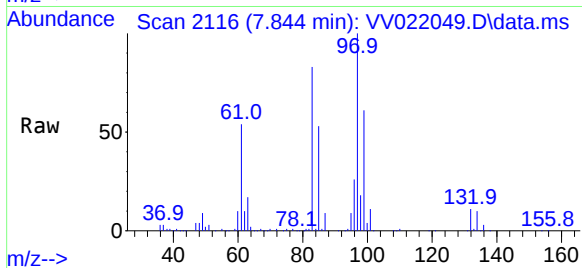
#45

1,1,2-Trichloroethane
Concen: 49.395 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.007 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

Tgt Ion: 97 Resp: 136905

Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.8	81.4
83	83.4	58.8	109.2
85	52.8	38.4	71.4

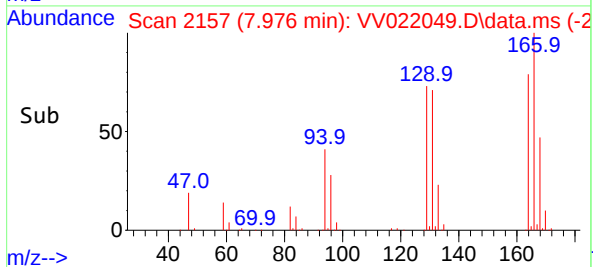
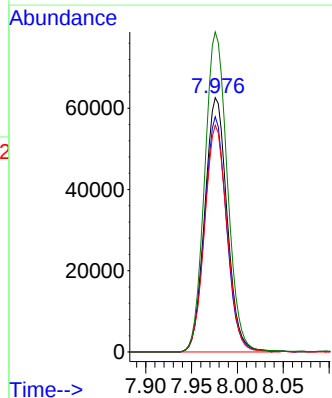
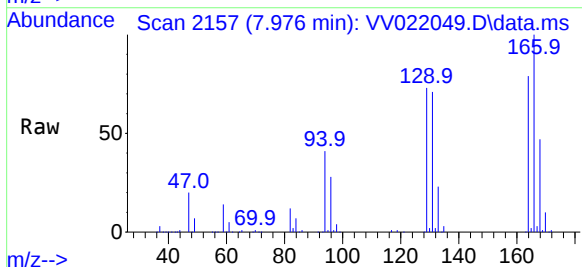


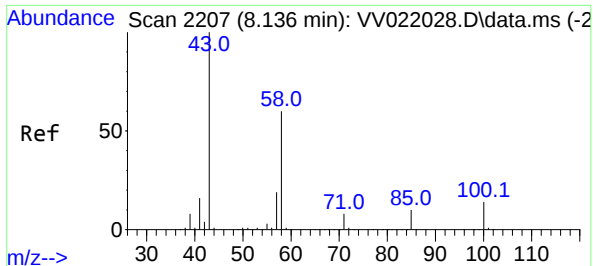
#46

Tetrachloroethene
Concen: 45.945 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 164 Resp: 106340

Ion	Ratio	Lower	Upper
164	100		
129	92.5	62.9	116.9
131	89.2	61.0	113.4
166	125.9	90.6	168.3



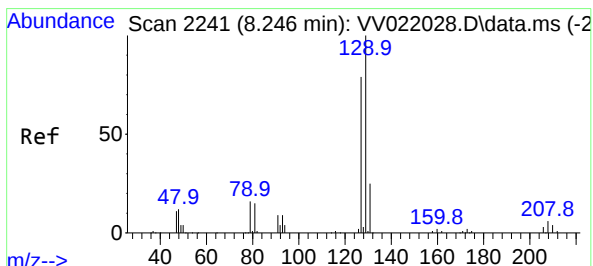
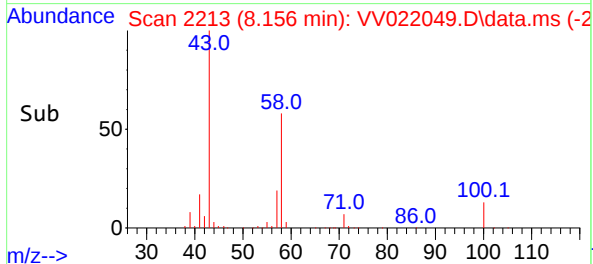
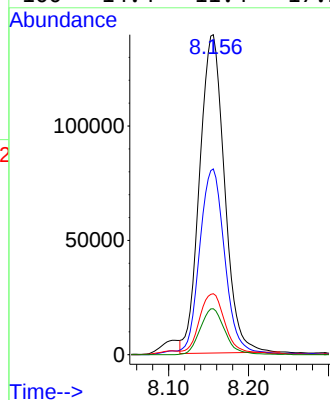
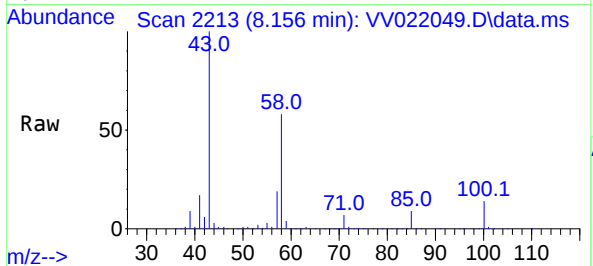


#48
2-Hexanone
Concen: 105.318 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.019 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

Tgt Ion: 43 Resp: 301770

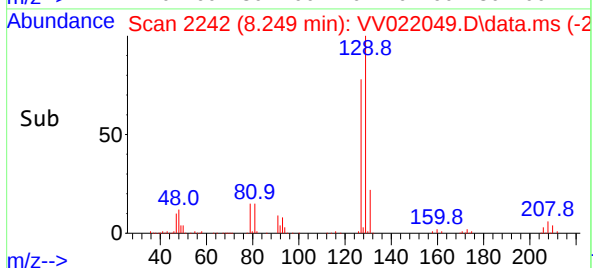
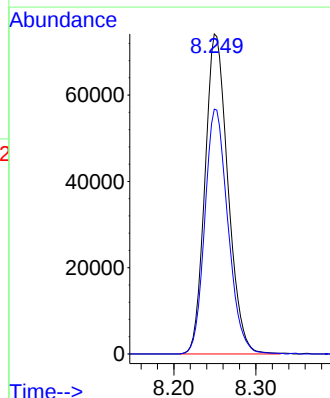
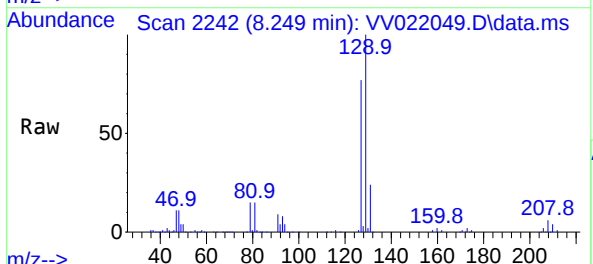
Ion	Ratio	Lower	Upper
43	100		
58	58.8	47.5	71.3
57	20.0	15.9	23.9
100	14.4	11.4	17.2

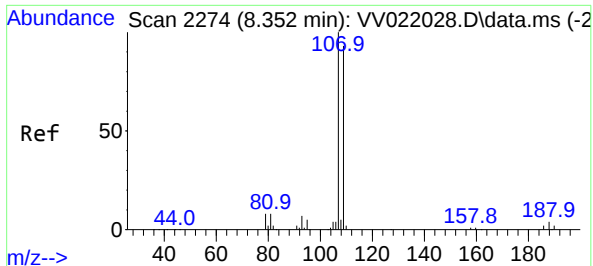


#49
Dibromochloromethane
Concen: 48.604 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 129 Resp: 144197

Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.1	100.5

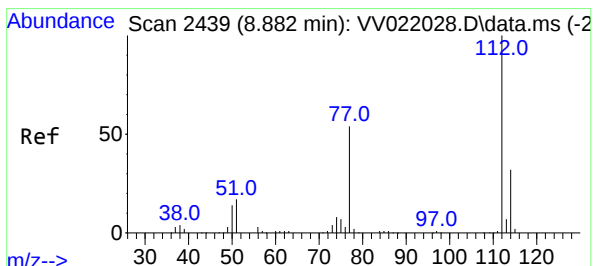
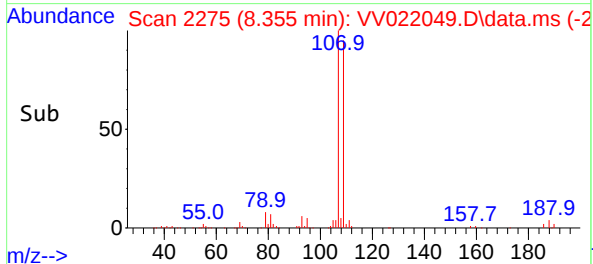
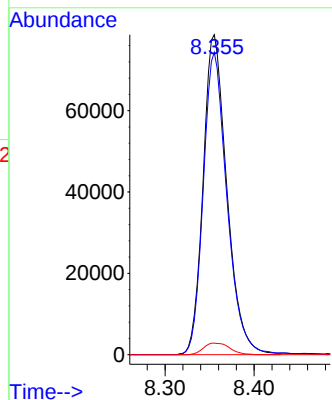
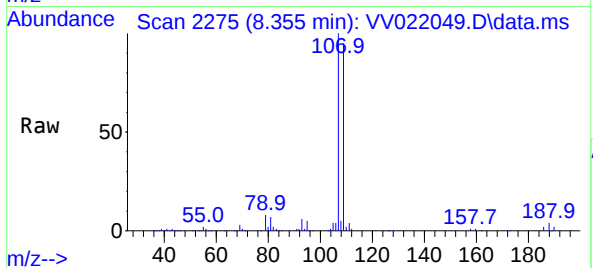




#50
1,2-Dibromoethane
Concen: 49.047 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

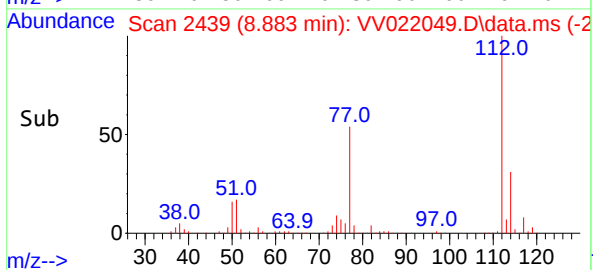
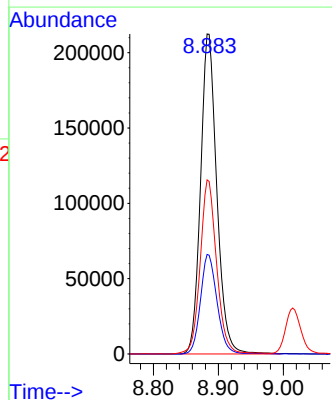
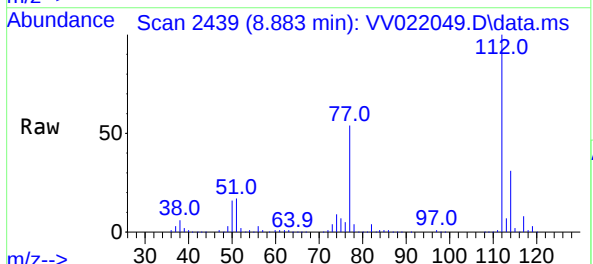
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

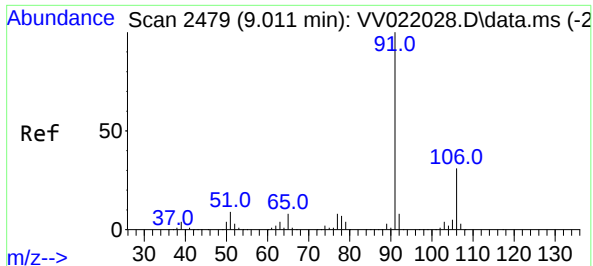
Tgt Ion:107 Resp: 145895
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.6
188 3.6 3.2 4.8



#51
Chlorobenzene
Concen: 48.551 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:112 Resp: 370223
Ion Ratio Lower Upper
112 100
114 31.1 22.0 41.0
77 54.4 43.2 64.8

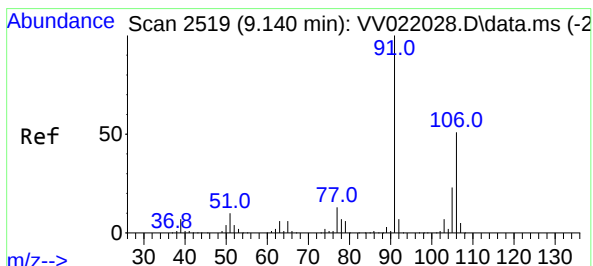
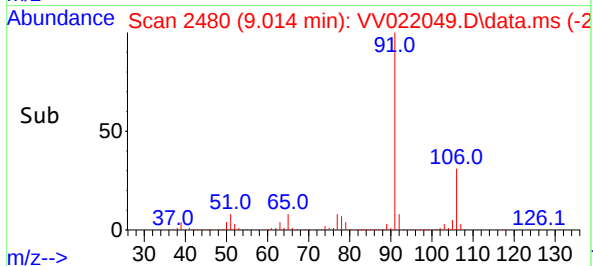
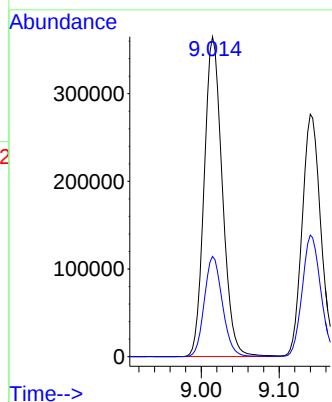
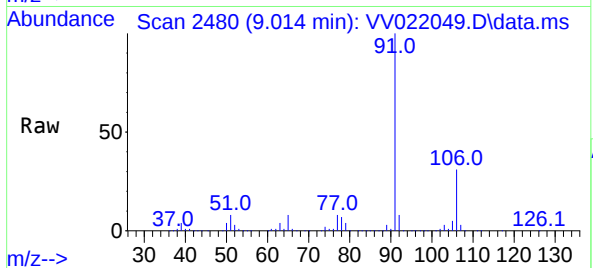




#52
Ethylbenzene
Concen: 48.065 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

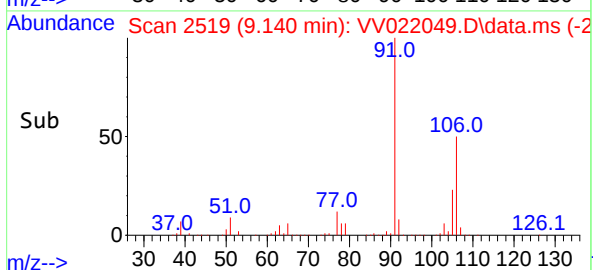
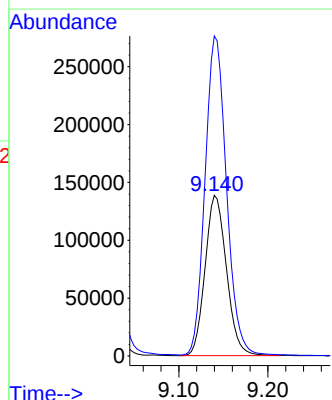
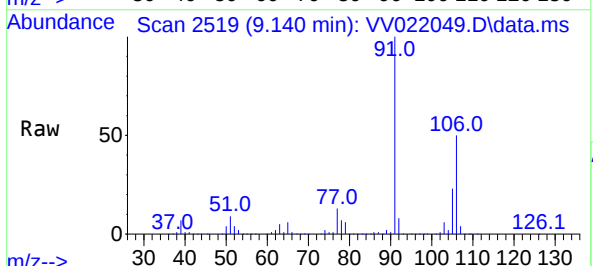
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

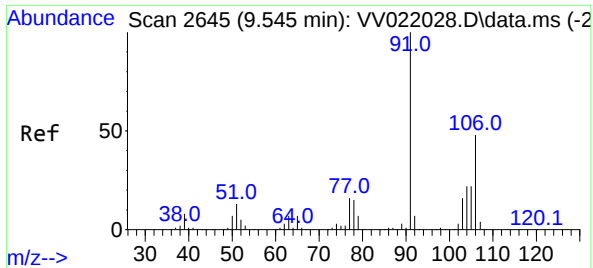
Tgt Ion: 91 Resp: 590124
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#53
m,p-Xylene
Concen: 48.400 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 106 Resp: 230971
Ion Ratio Lower Upper
106 100
91 199.3 139.1 258.3

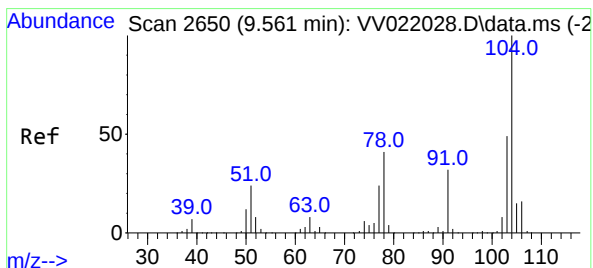
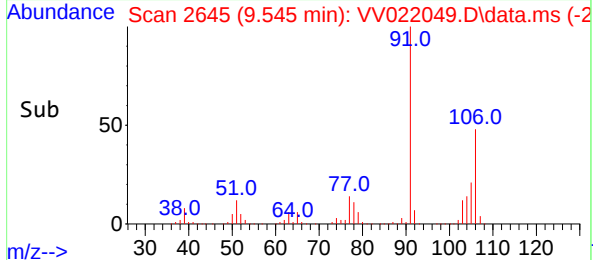
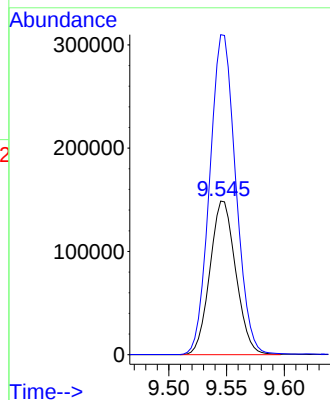
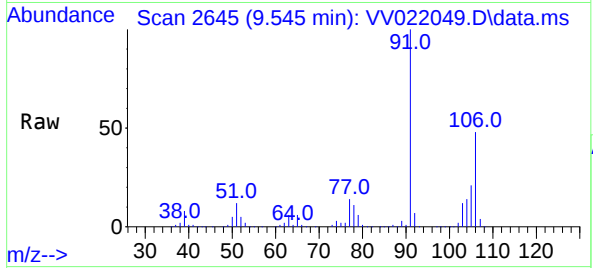




#54
o-Xylene
Concen: 49.062 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

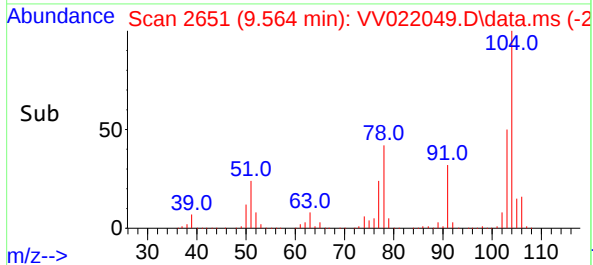
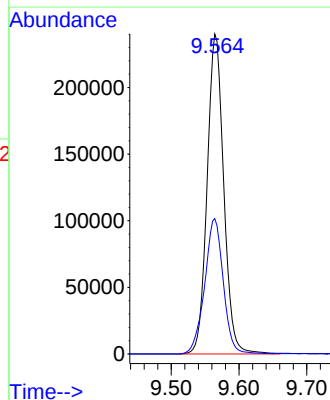
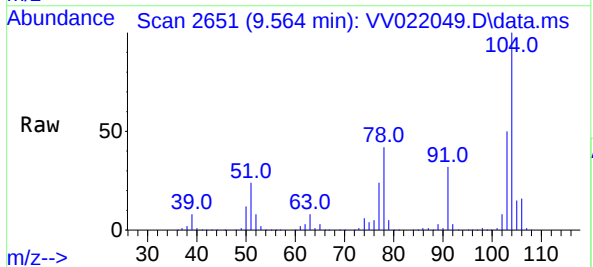
Instrument :
MSVOA_V
ClientSampled :
EW7A9MSD

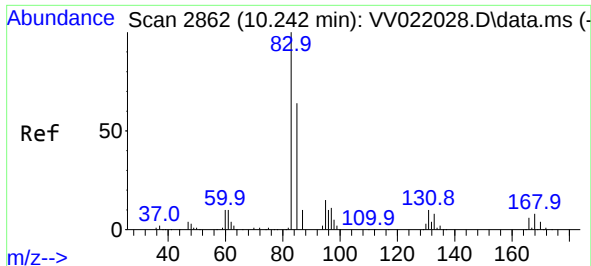
Tgt Ion:106 Resp: 231657
Ion Ratio Lower Upper
106 100
91 208.3 150.1 278.9



#55
Styrene
Concen: 50.681 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:104 Resp: 408386
Ion Ratio Lower Upper
104 100
78 42.3 28.6 53.2

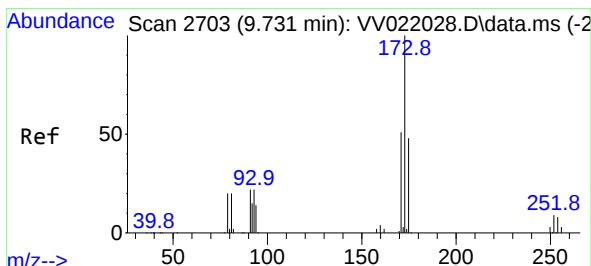
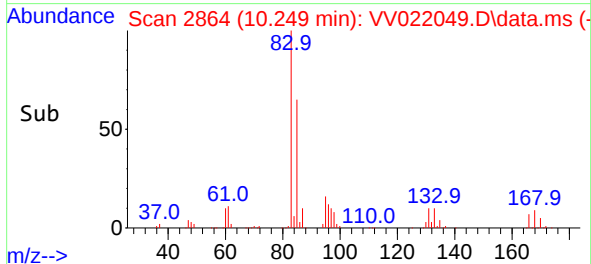
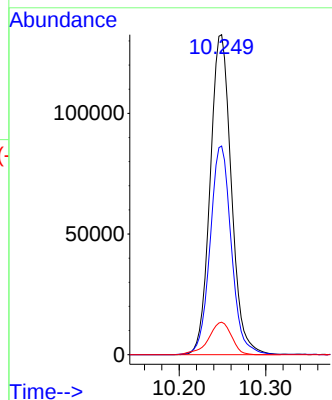
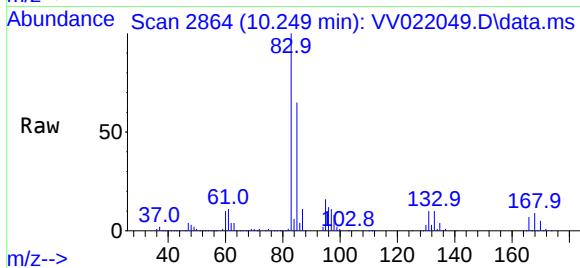




#57
1,1,2,2-Tetrachloroethane
Concen: 56.072 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.007 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

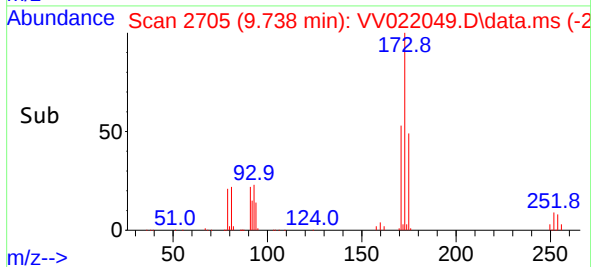
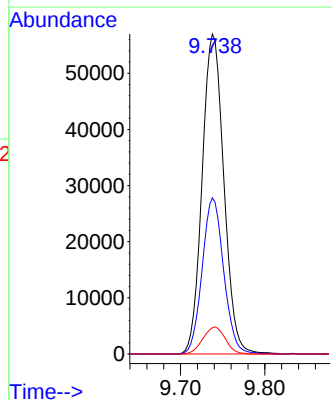
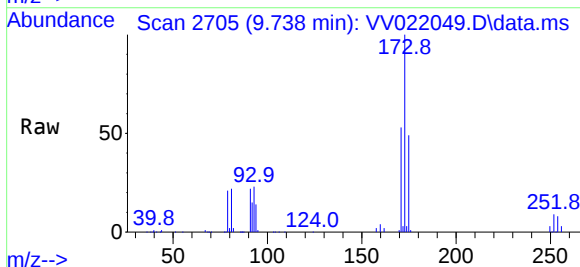
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

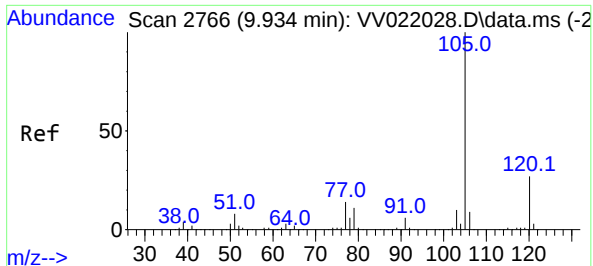
Tgt Ion: 83 Resp: 225172
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1
131 10.2 8.2 12.2



#59
Bromoform
Concen: 44.995 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.007 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:173 Resp: 102223
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 8.7 7.0 10.4

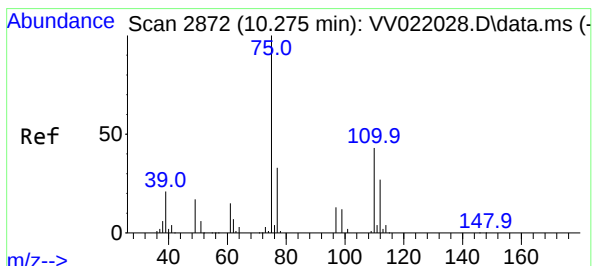
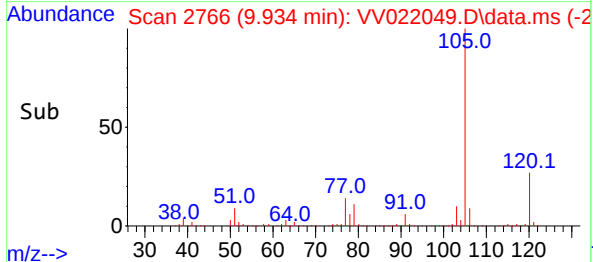
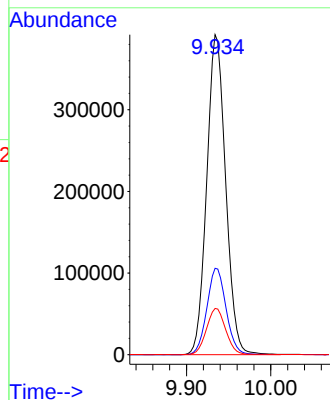
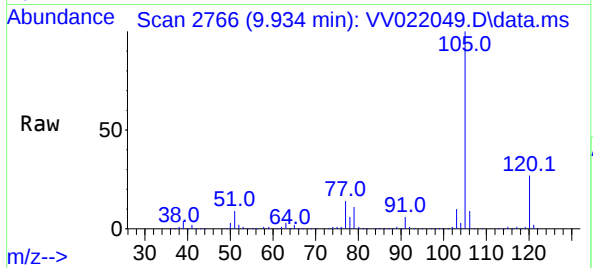




#60
Isopropylbenzene
Concen: 45.582 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

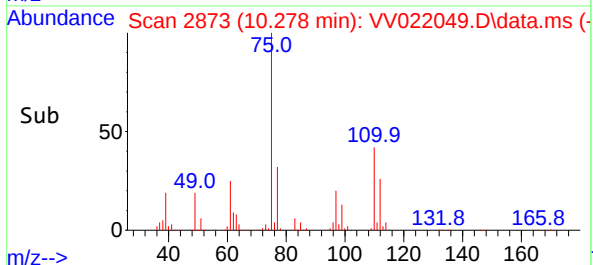
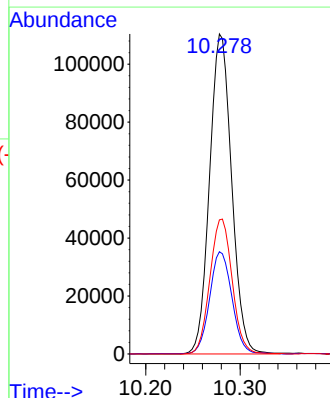
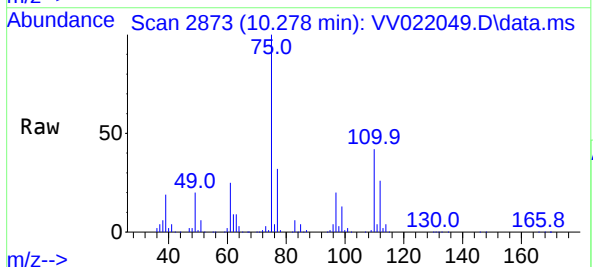
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

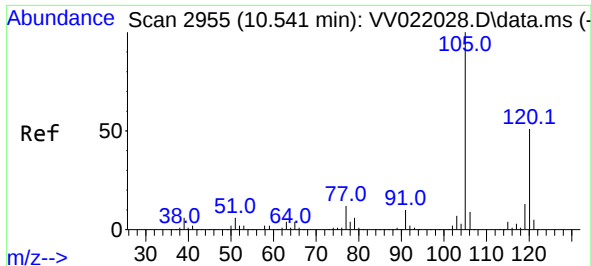
Tgt Ion:105 Resp: 612650
Ion Ratio Lower Upper
105 100
120 27.4 21.5 32.3
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 48.302 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 75 Resp: 179066
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 42.7 33.8 50.6

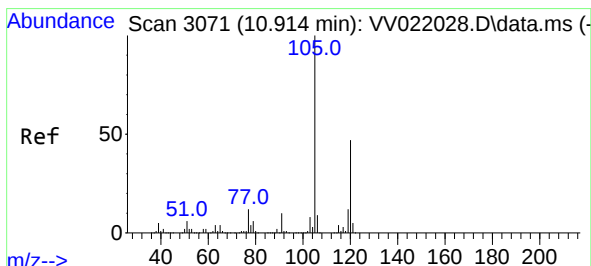
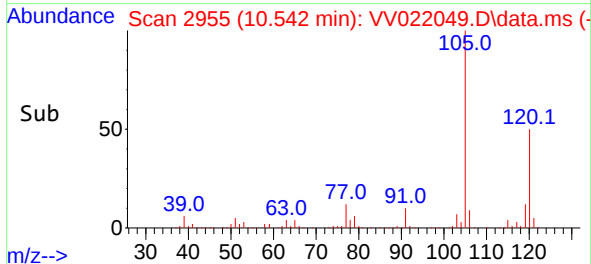
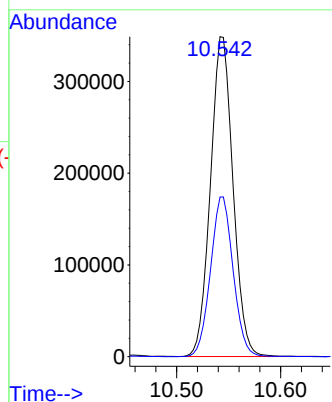
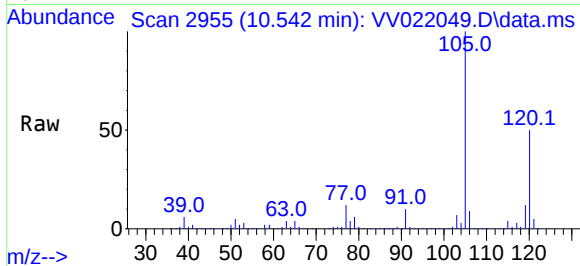




#62
1,3,5-Trimethylbenzene
Concen: 46.497 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

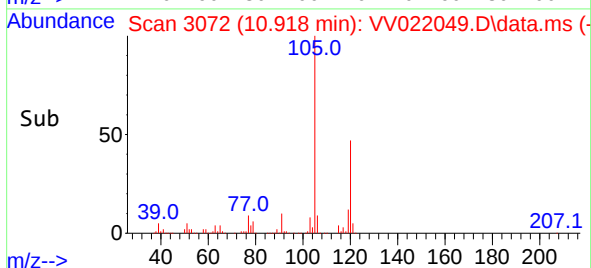
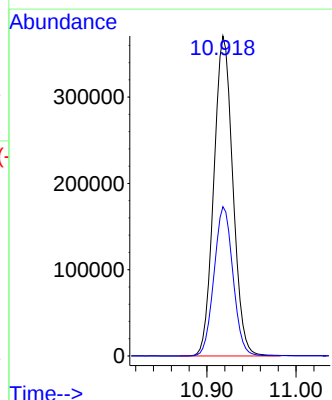
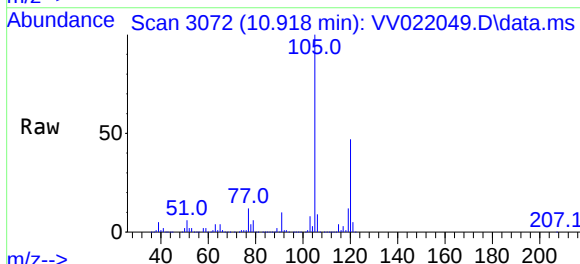
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

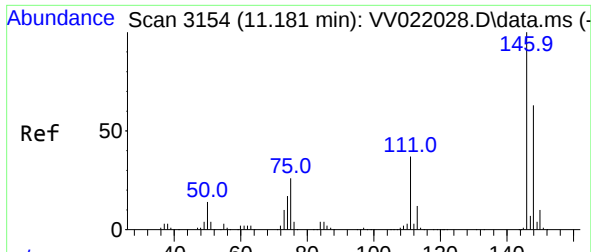
Tgt Ion:105 Resp: 524667
Ion Ratio Lower Upper
105 100
120 50.2 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 48.033 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:105 Resp: 550901
Ion Ratio Lower Upper
105 100
120 46.4 37.4 56.0

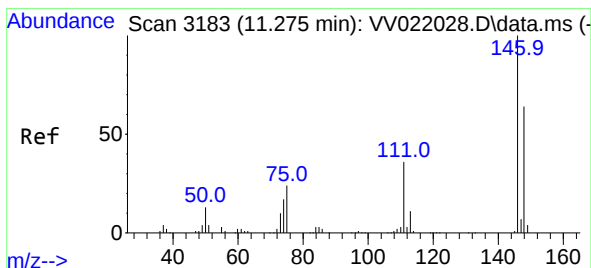
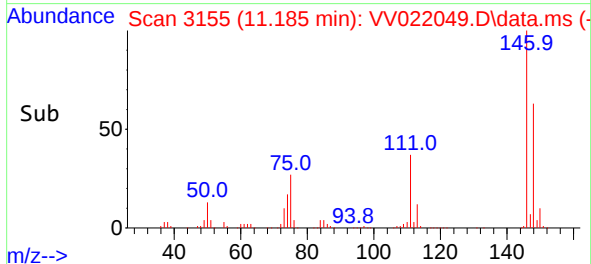
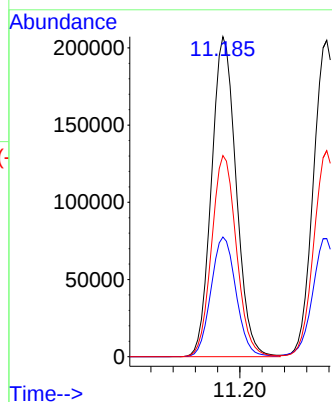
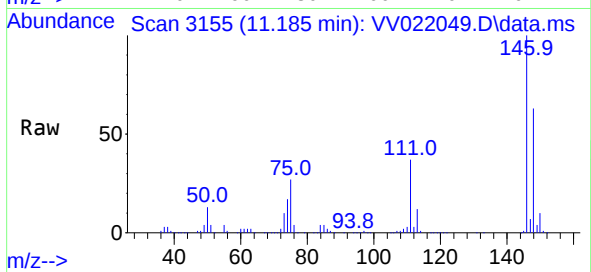




#64
1,3-Dichlorobenzene
Concen: 46.667 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

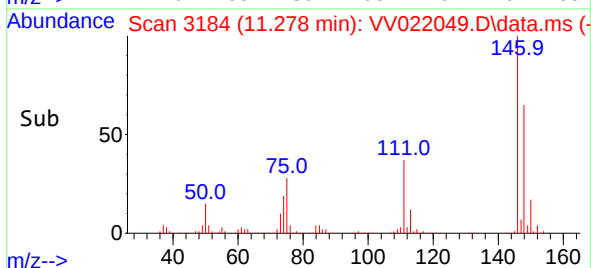
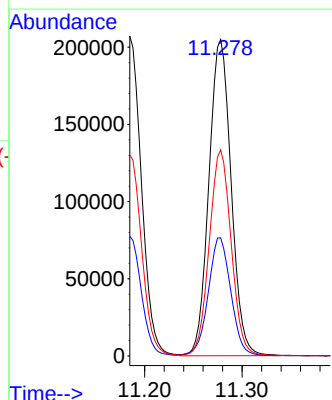
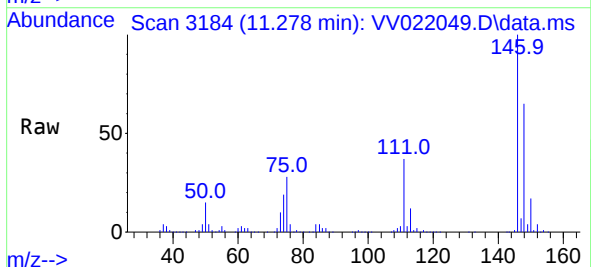
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

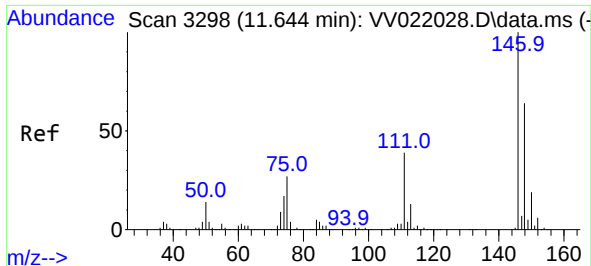
Tgt Ion:146 Resp: 318467
Ion Ratio Lower Upper
146 100
111 37.4 26.9 50.1
148 62.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 46.489 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:146 Resp: 324636
Ion Ratio Lower Upper
146 100
111 37.3 25.3 46.9
148 65.1 44.4 82.5

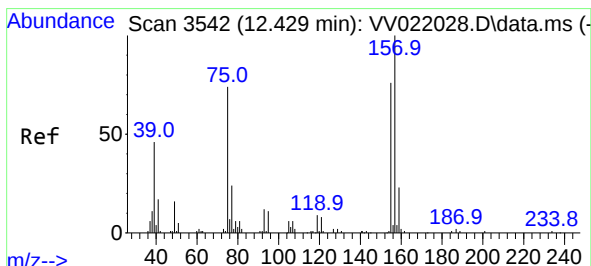
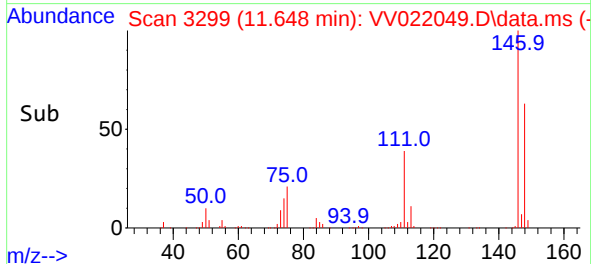
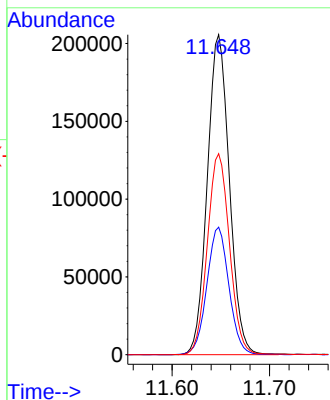
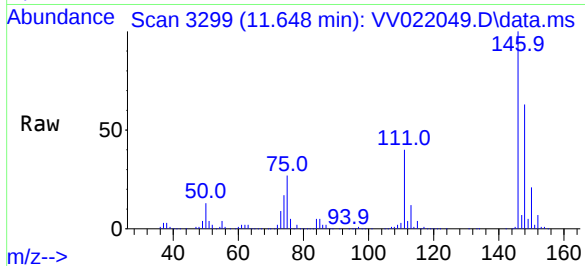




#67
1,2-Dichlorobenzene
Concen: 47.678 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

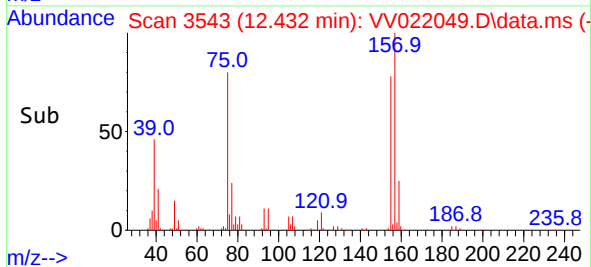
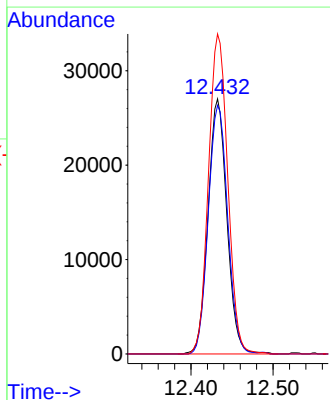
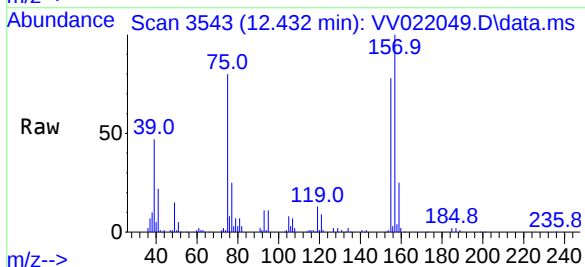
Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

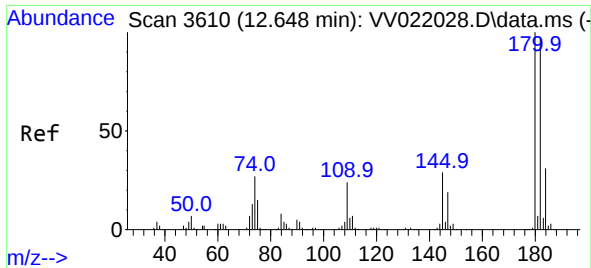
Tgt Ion:146 Resp: 323065
Ion Ratio Lower Upper
146 100
111 39.9 31.6 47.4
148 62.8 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 48.480 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion: 75 Resp: 43316
Ion Ratio Lower Upper
75 100
155 97.5 79.8 119.6
157 125.5 98.3 147.5



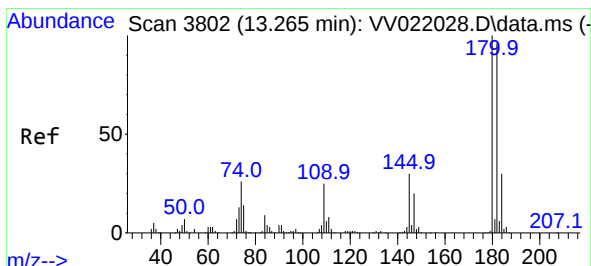
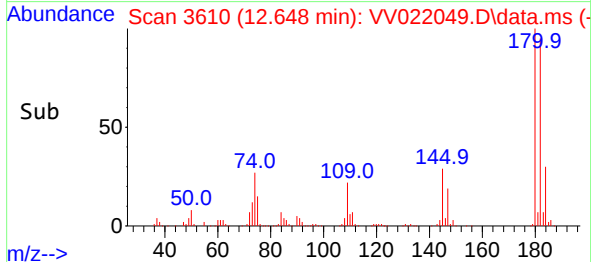
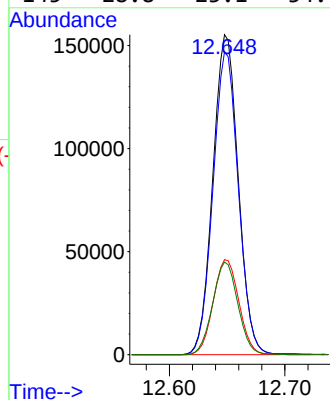
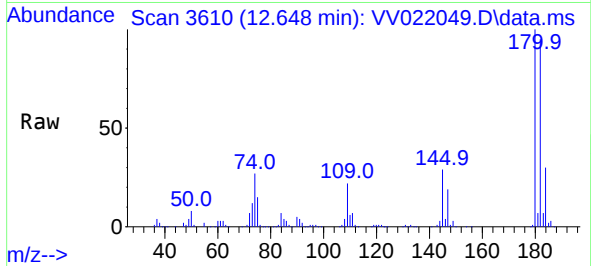


#69
1,3,5-Trichlorobenzene
Concen: 46.425 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

Tgt Ion:180 Resp: 236895

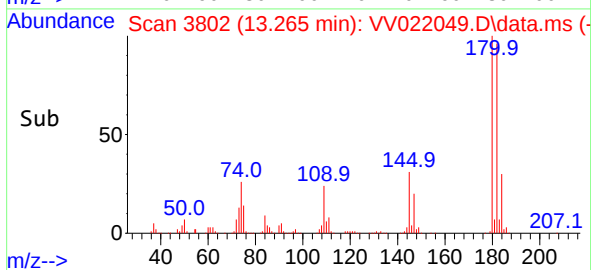
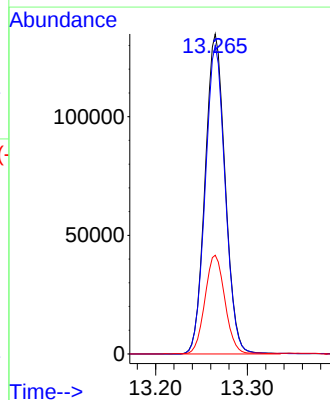
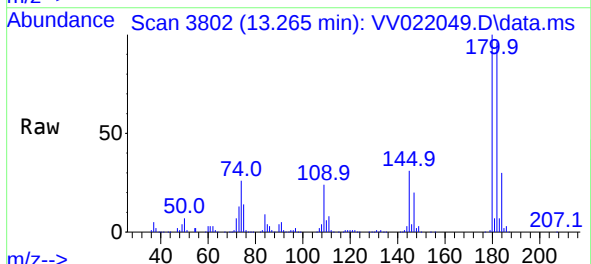
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
184	30.0	24.0	36.0
145	28.8	23.1	34.7

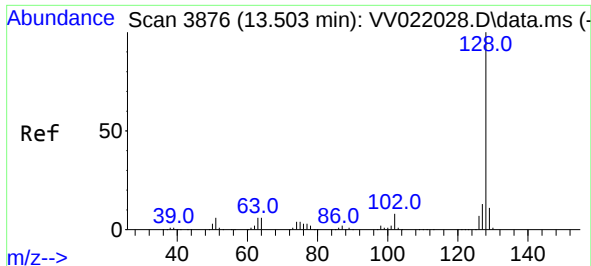


#70
1,2,4-trichlorobenzene
Concen: 45.651 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:180 Resp: 204920

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.9	113.9
145	30.6	23.8	35.6

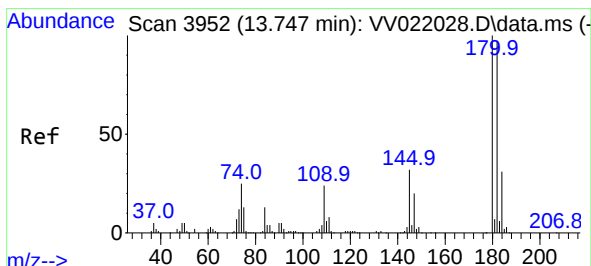
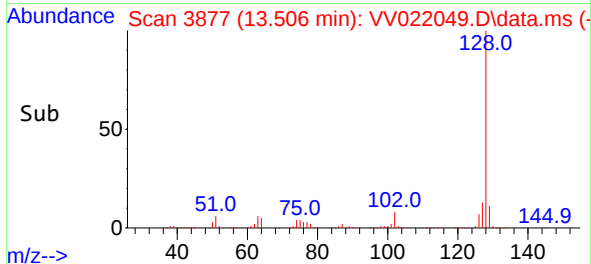
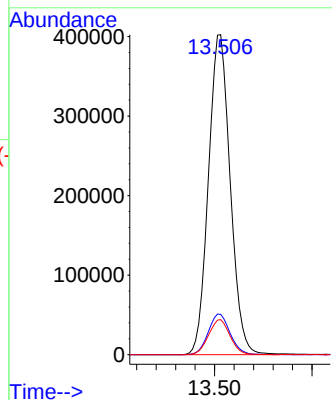
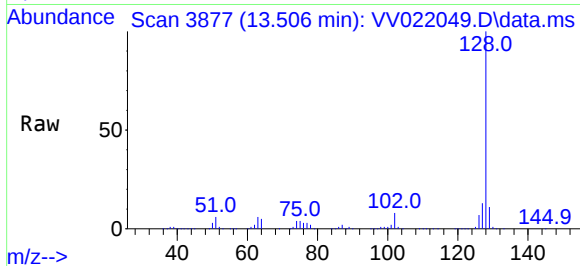




#71
Naphthalene
Concen: 48.457 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Instrument :
MSVOA_V
ClientSampleId :
EW7A9MSD

Tgt Ion:128 Resp: 625696
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 46.561 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV022049.D
Acq: 31 Aug 2021 18:33

Tgt Ion:180 Resp: 203856
Ion Ratio Lower Upper
180 100
182 95.9 76.3 114.5
145 32.6 25.4 38.0

