

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021431.D
 Acq On : 26 May 2021 17:21
 Operator : SY/MD
 Sample : M2528-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YARK5MSD

Quant Time: May 27 02:06:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	228101	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	213450	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123026	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40871	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.568	69	43255	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.111	63	89919	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	3.896	46	194921	56.19	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.38%
24) Chloroform-d	4.352	84	128805	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.037	65	60738	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.053	84	238574	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.076	67	77416	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.320	98	215433	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	7.625	79	32166	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.088	63	170726	52.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.62%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	66613	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	99995	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81182	5.30	ug/L	99
3) Chloromethane	1.243	50	76605	5.71	ug/L	98
5) Vinyl chloride	1.310	62	80645	5.78	ug/L	100
6) Bromomethane	1.523	94	53914	5.90	ug/L	99
8) Chloroethane	1.587	64	48290	5.75	ug/L	99
9) Trichlorofluoromethane	1.754	101	119011	5.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	70994	5.92	ug/L	99
12) 1,1-Dichloroethene	2.121	96	66306	5.86	ug/L	98
13) Acetone	2.188	43	107899	55.17	ug/L #	30
14) Carbon disulfide	2.298	76	204744	5.38	ug/L	99
15) Methyl Acetate	2.442	43	28096	6.09	ug/L	98
16) Methylene chloride	2.510	84	76875	4.13	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	183471	5.61	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	77225	5.47	ug/L	98
19) 1,1-Dichloroethane	3.195	63	136661	5.48	ug/L	98
21) 2-Butanone	3.979	43	188900	56.70	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	87142	5.67	ug/L	98
23) Bromochloromethane	4.256	128	39679	5.74	ug/L	94
25) Chloroform	4.378	83	154769	6.06	ug/L	99

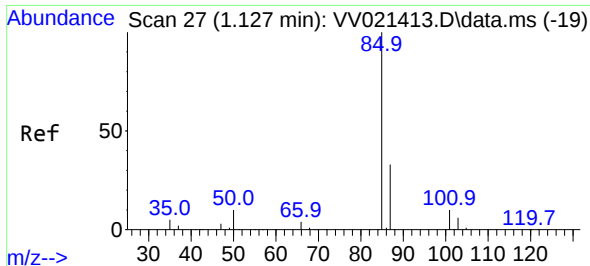
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	77610	5.61	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	132670	5.54	ug/L	100
30) Cyclohexane	4.680	56	120833	5.12	ug/L	99
31) Carbon tetrachloride	4.831	117	127426	5.86	ug/L	99
33) Benzene	5.105	78	304635	5.47	ug/L	100
34) Trichloroethene	5.918	95	107708	7.04	ug/L	99
35) Methylcyclohexane	6.133	83	132935	5.28	ug/L	99
37) 1,2-Dichloropropane	6.178	63	76023	5.50	ug/L	99
38) Bromodichloromethane	6.513	83	104749	5.55	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	121176	5.48	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	466578	55.18	ug/L	99
42) Toluene	7.391	91	342064	5.55	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	100124	5.51	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	56635	5.54	ug/L	98
47) Tetrachloroethene	7.979	164	95149	6.82	ug/L	98
48) 2-Hexanone	8.140	43	325355	56.60	ug/L	99
49) Dibromochloromethane	8.249	129	77274	5.57	ug/L	99
50) 1,2-Dibromoethane	8.355	107	54552	5.54	ug/L	99
51) Chlorobenzene	8.883	112	225083	5.53	ug/L	99
52) Ethylbenzene	9.014	91	380831	5.53	ug/L	99
53) m,p-xylene	9.140	106	146851	5.53	ug/L	98
54) o-xylene	9.545	106	143153	5.52	ug/L	99
55) Styrene	9.561	104	238821	5.46	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	67384	5.60	ug/L	95
59) Bromoform	9.735	173	49607	5.58	ug/L	99
60) Isopropylbenzene	9.931	105	397808	5.46	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	47511	5.44	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	331866	5.35	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	340239	5.36	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	196574	5.48	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	193675	5.41	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	181681	5.48	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	11719	5.48	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	174845	5.42	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	145383	5.43	ug/L	98
71) Naphthalene	13.503	128	231466	5.52	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	129425	5.45	ug/L	99

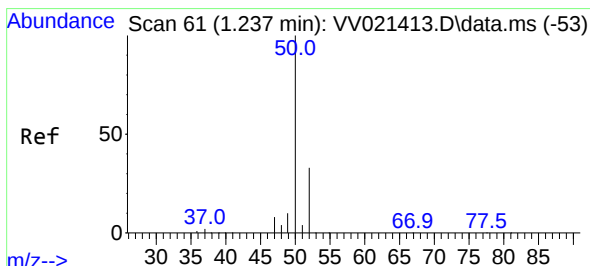
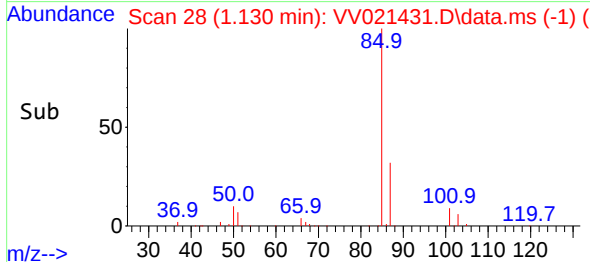
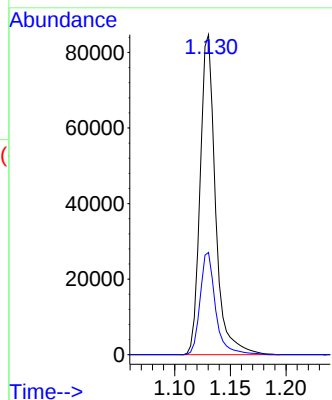
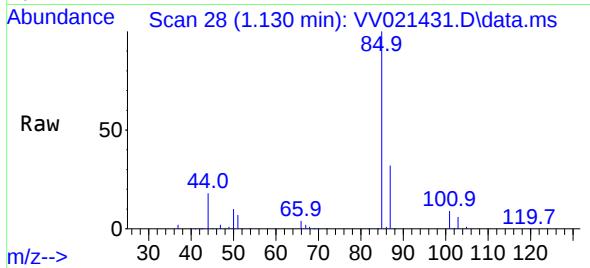
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.30 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

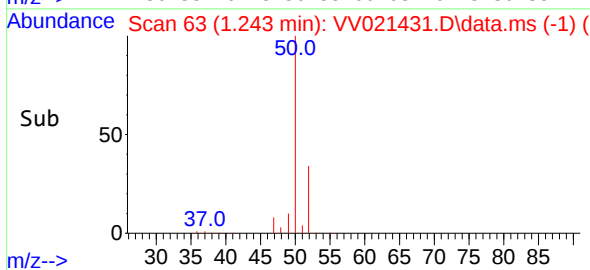
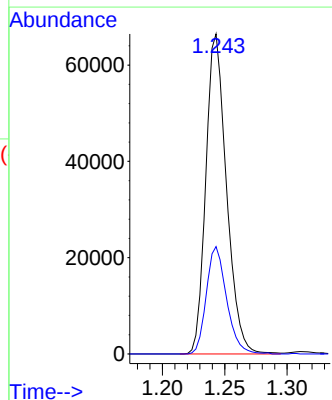
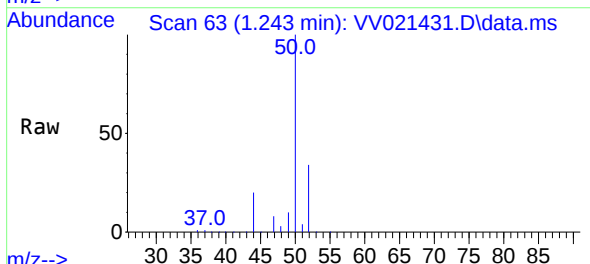
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

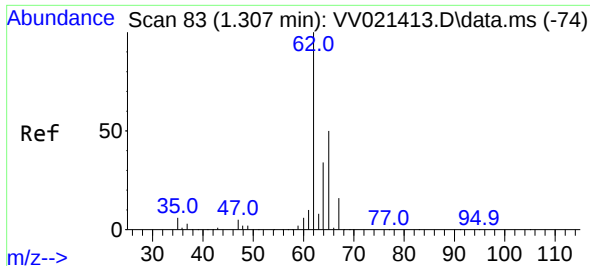
Tgt Ion: 85 Resp: 81182
Ion Ratio Lower Upper
85 100
87 32.3 26.1 39.1



#3
Chloromethane
Concen: 5.71 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 50 Resp: 76605
Ion Ratio Lower Upper
50 100
52 33.5 22.6 42.0

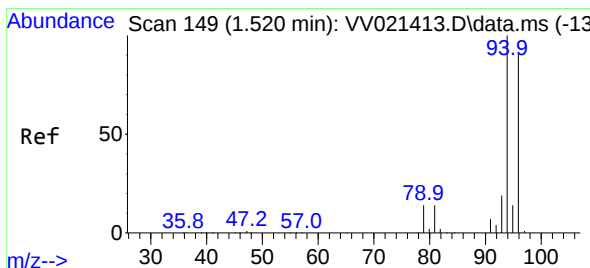
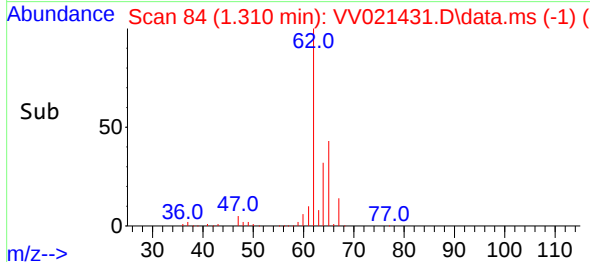
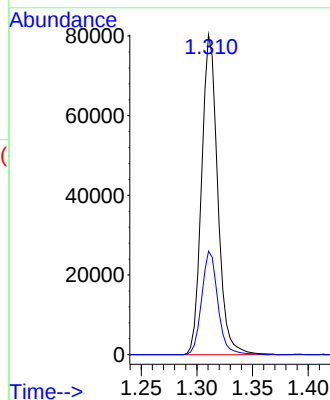
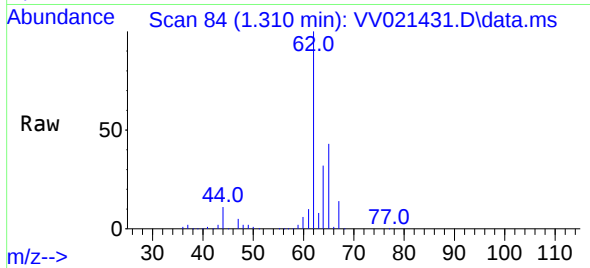




#5
Vinyl chloride
Concen: 5.78 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

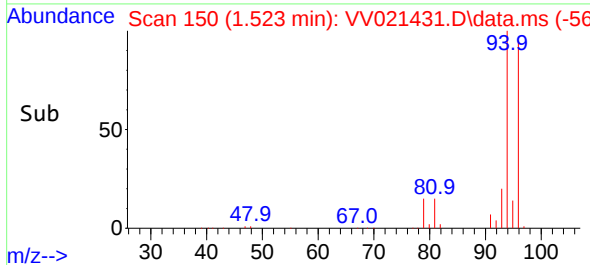
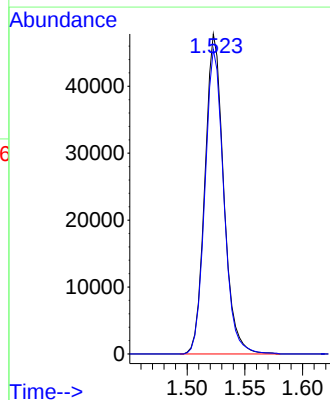
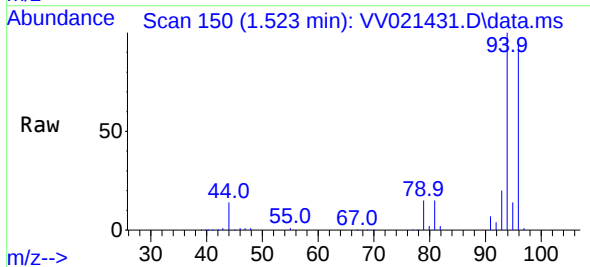
Tgt Ion: 62 Resp: 80645
Ion Ratio Lower Upper
62 100
64 32.4 22.6 42.0

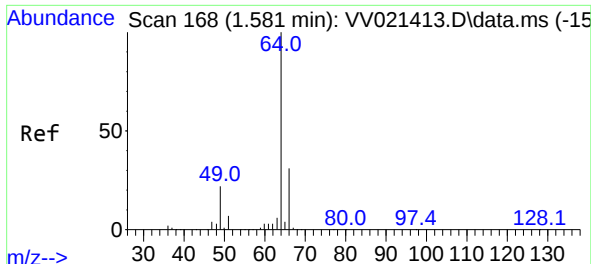
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD



#6
Bromomethane
Concen: 5.90 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 94 Resp: 53914
Ion Ratio Lower Upper
94 100
96 95.2 65.9 122.3

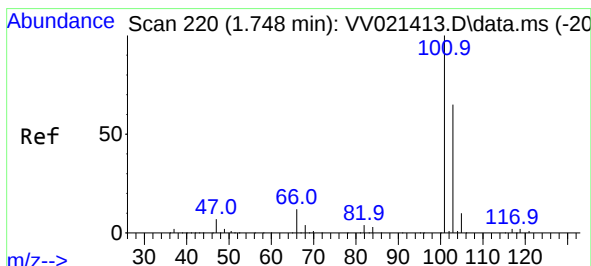
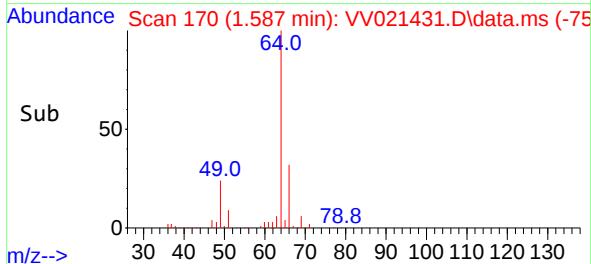
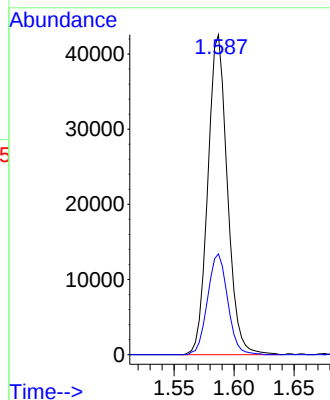
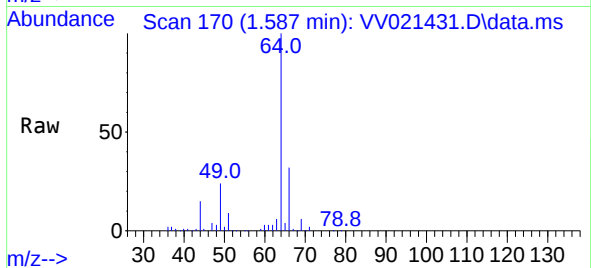




#8
Chloroethane
Concen: 5.75 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

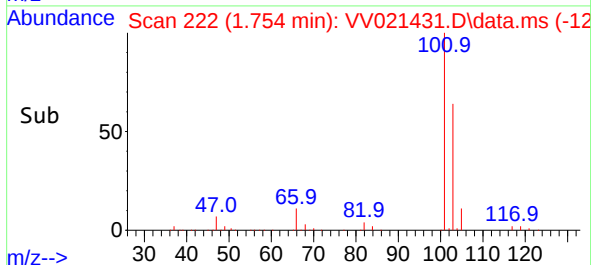
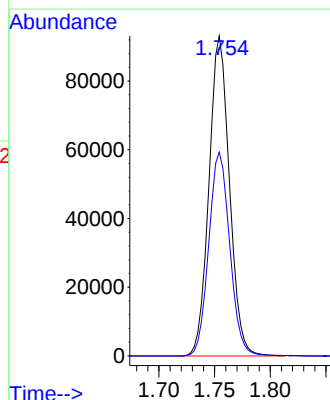
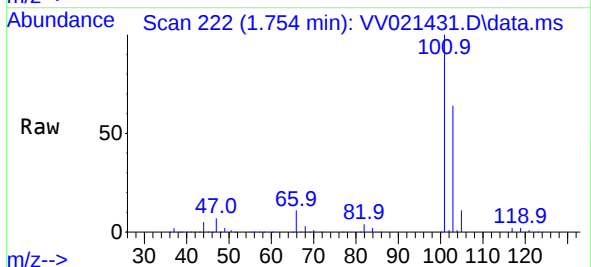
Instrument :
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ClientSampleId :
YARK5MSD

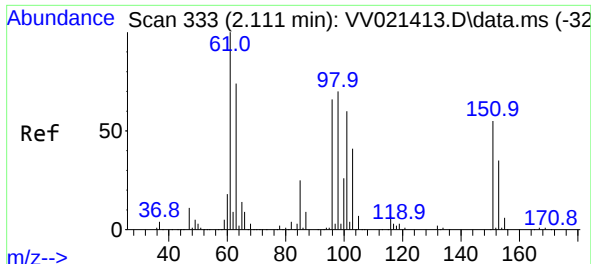
Tgt Ion: 64 Resp: 48290
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.53 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:101 Resp: 119011
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0

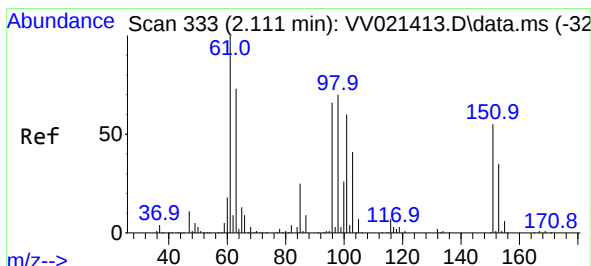
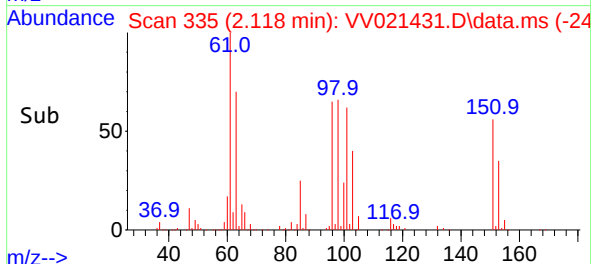
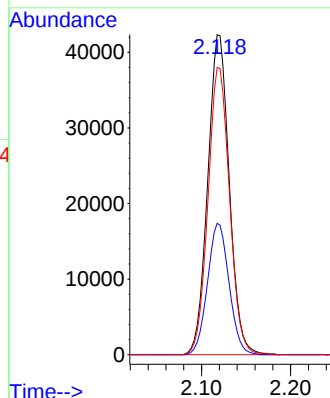
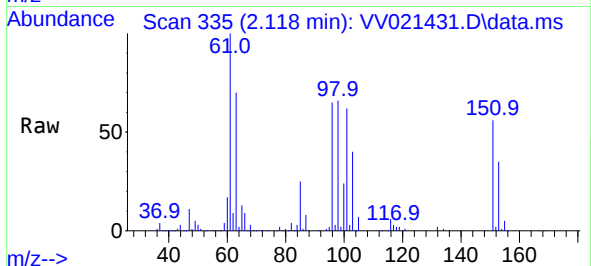




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.92 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

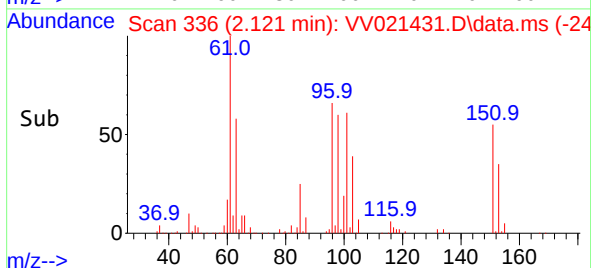
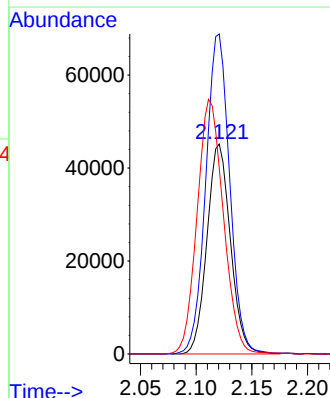
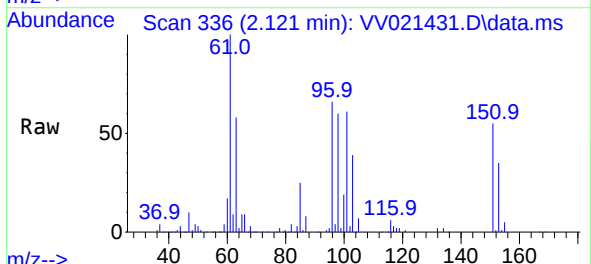
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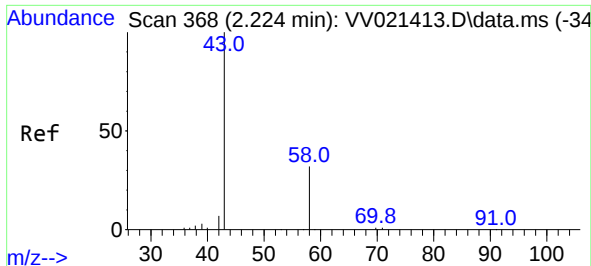
Tgt Ion:101 Resp: 70994
Ion Ratio Lower Upper
101 100
85 41.1 32.6 48.8
151 89.9 70.7 106.1



#12
1,1-Dichloroethene
Concen: 5.86 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.010 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 96 Resp: 66306
Ion Ratio Lower Upper
96 100
61 152.4 103.7 192.5
63 88.6 62.4 115.8

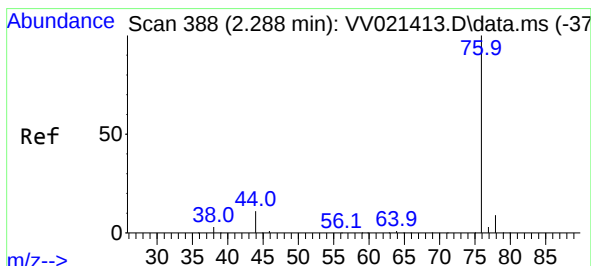
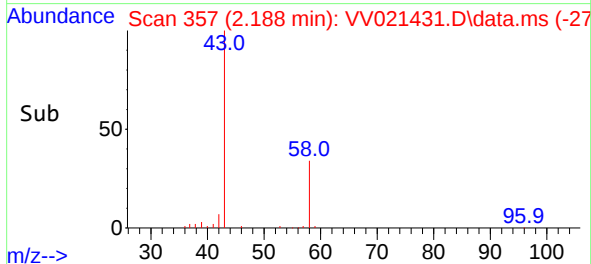
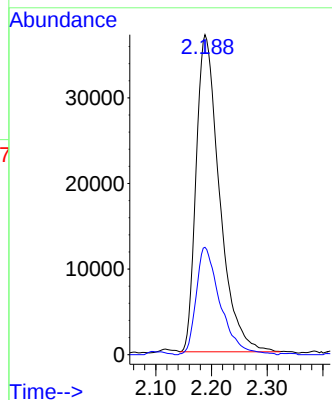
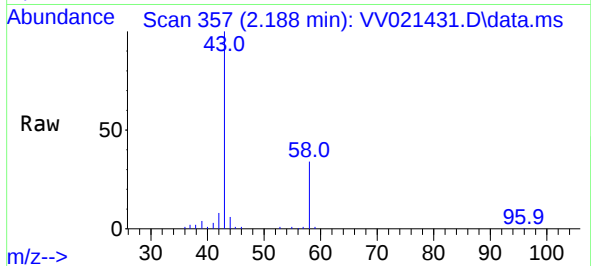




#13
Acetone
Concen: 55.17 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.035 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

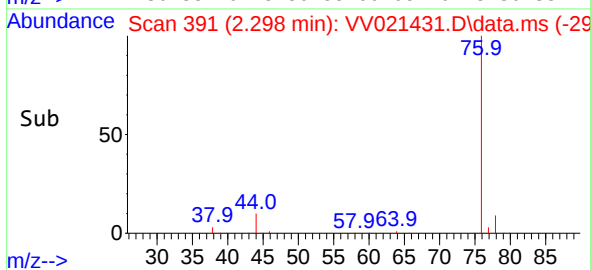
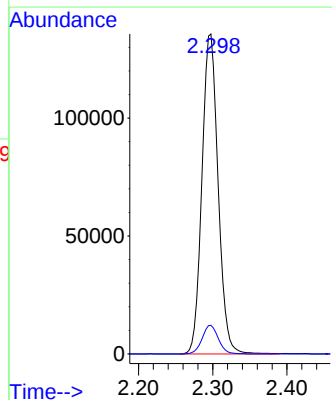
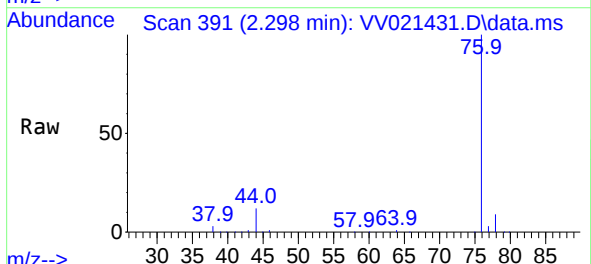
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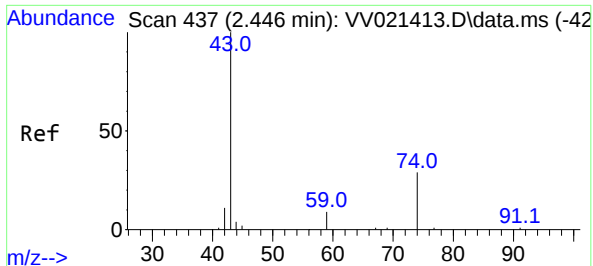
Tgt Ion: 43 Resp: 107899
Ion Ratio Lower Upper
43 100
58 34.9 0.0 18.6#



#14
Carbon disulfide
Concen: 5.38 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.010 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 76 Resp: 204744
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

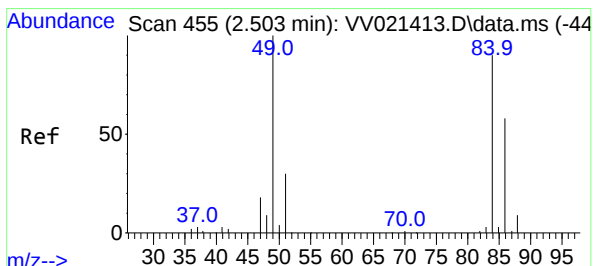
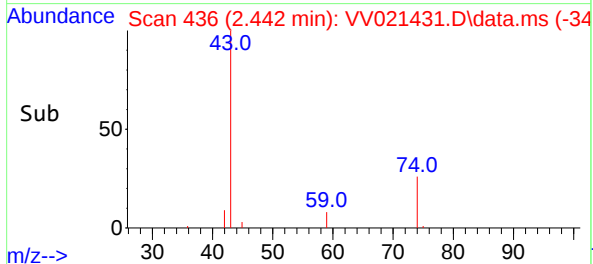
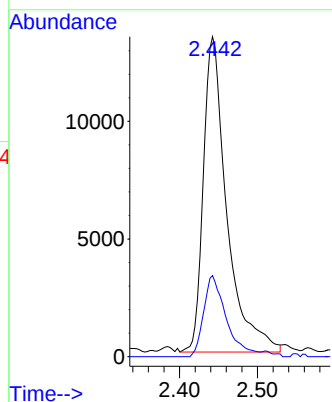
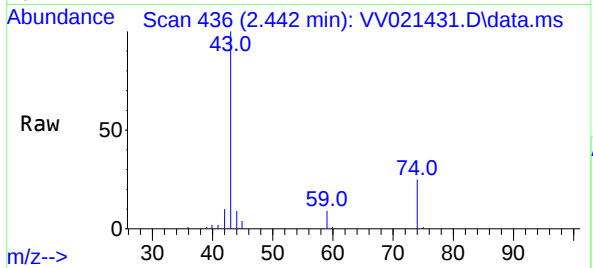




#15
Methyl Acetate
Concen: 6.09 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

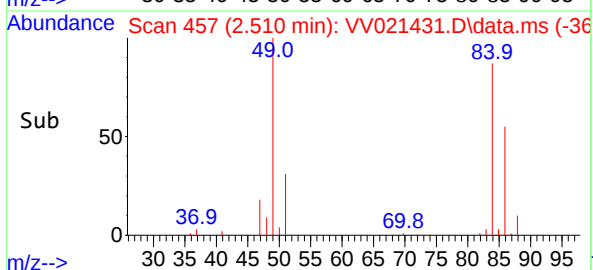
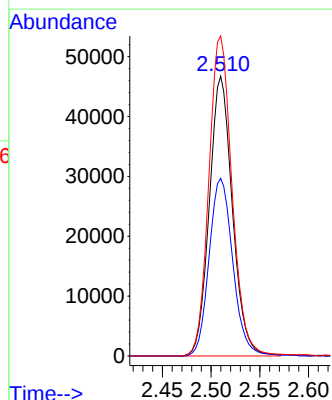
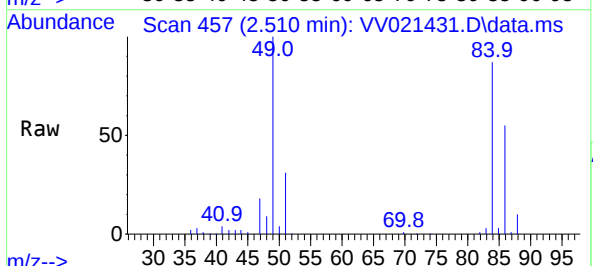
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

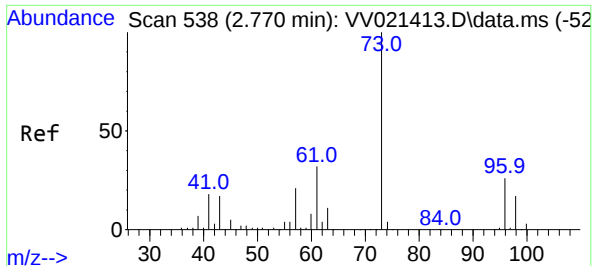
Tgt Ion: 43 Resp: 28096
Ion Ratio Lower Upper
43 100
74 24.6 18.8 28.2



#16
Methylene chloride
Concen: 4.13 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 84 Resp: 76875
Ion Ratio Lower Upper
84 100
86 63.5 44.7 82.9
49 114.4 82.7 153.5



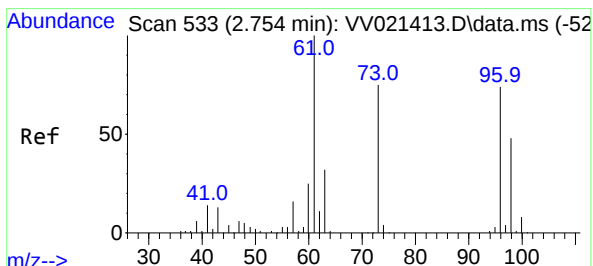
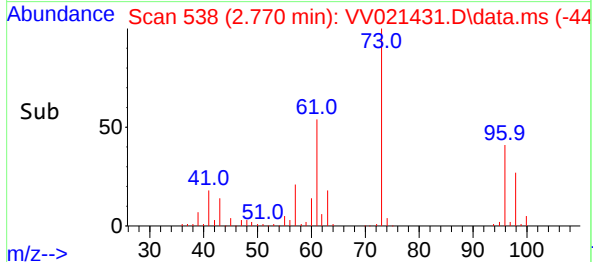
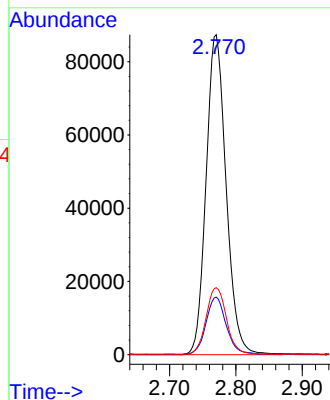
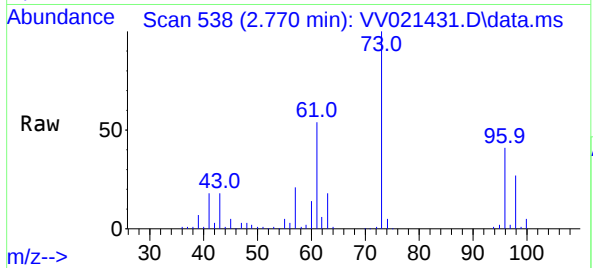


#17
Methyl tert-butyl Ether
Concen: 5.61 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

Tgt Ion: 73 Resp: 183471

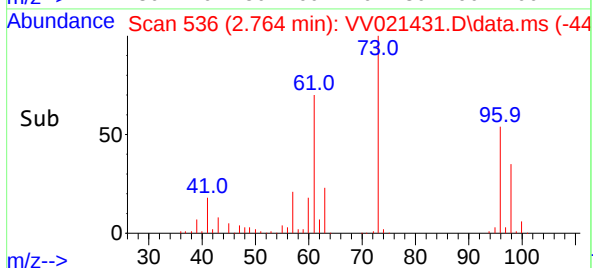
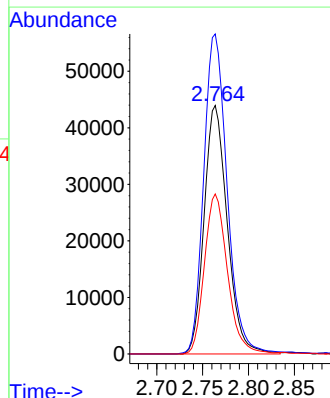
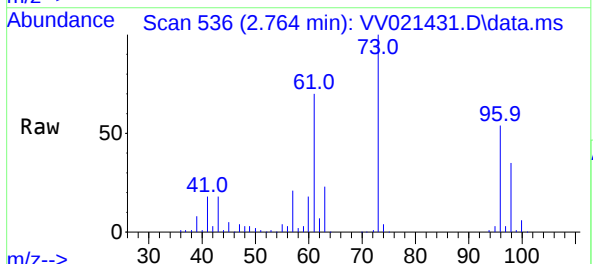
Ion	Ratio	Lower	Upper
73	100		
43	17.9	13.4	20.2
57	21.5	17.8	26.8

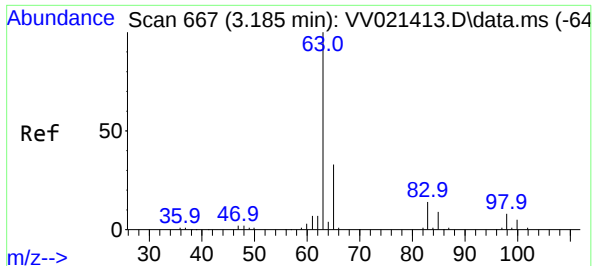


#18
trans-1,2-Dichloroethene
Concen: 5.47 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 96 Resp: 77225

Ion	Ratio	Lower	Upper
96	100		
61	128.8	88.7	164.7
98	64.4	44.4	82.4



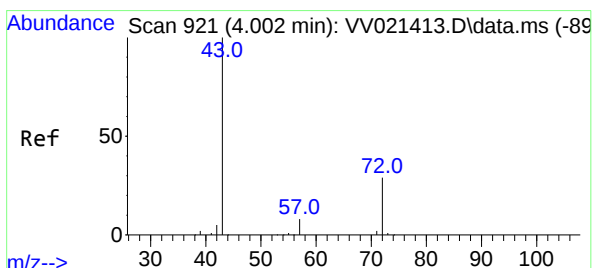
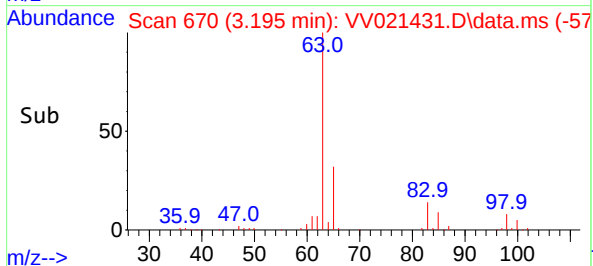
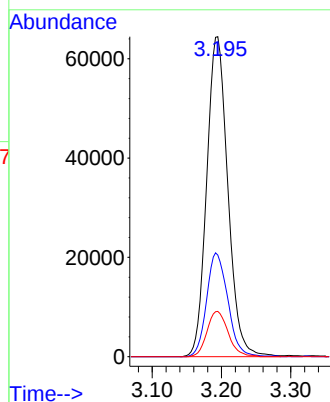
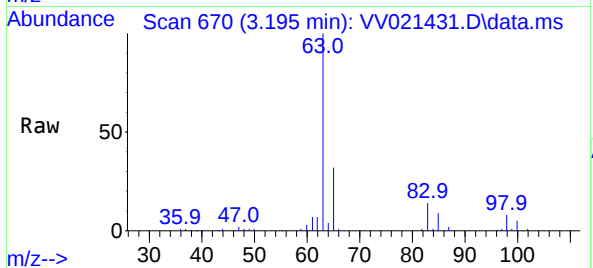


#19
1,1-Dichloroethane
Concen: 5.48 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

Tgt Ion: 63 Resp: 136661

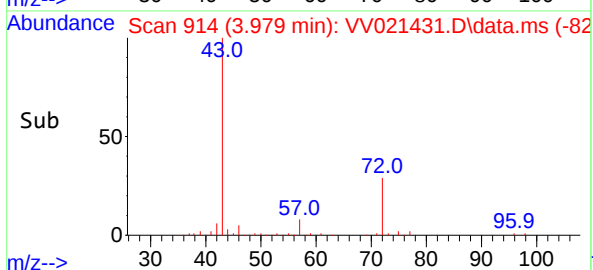
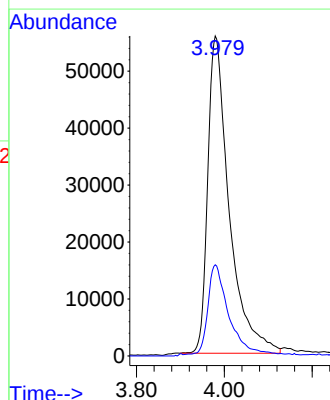
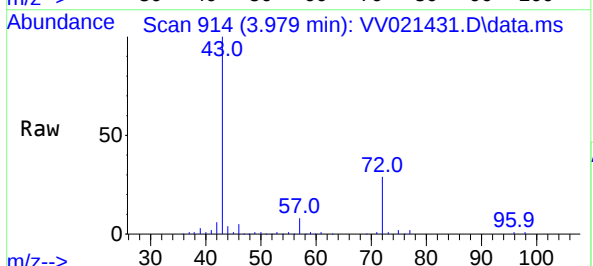
Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.2	43.2
83	14.1	9.4	17.4

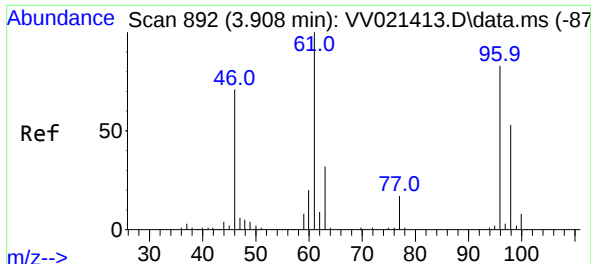


#21
2-Butanone
Concen: 56.70 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.023 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 43 Resp: 188900

Ion	Ratio	Lower	Upper
43	100		
72	27.0	10.7	31.9

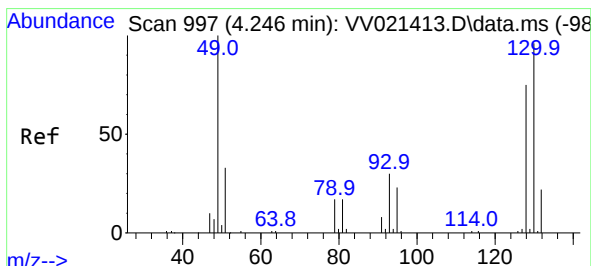
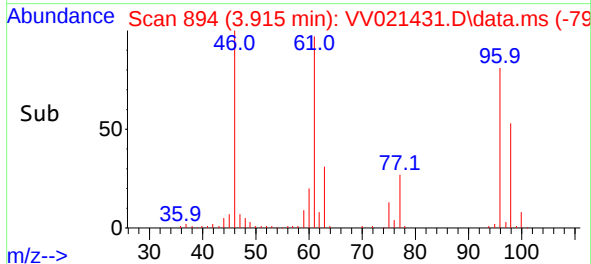
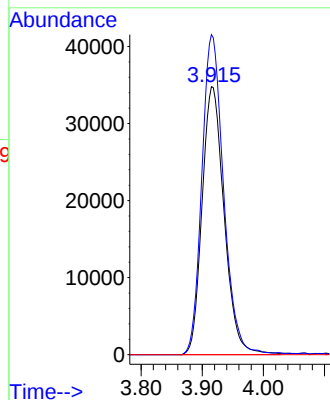
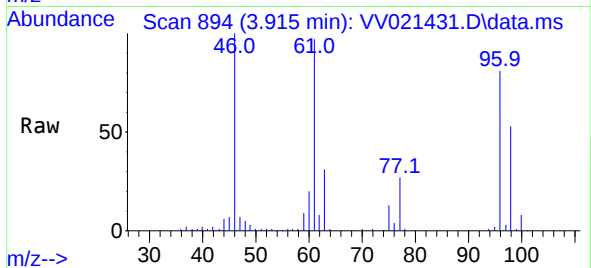




#22
cis-1,2-Dichloroethene
Concen: 5.67 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

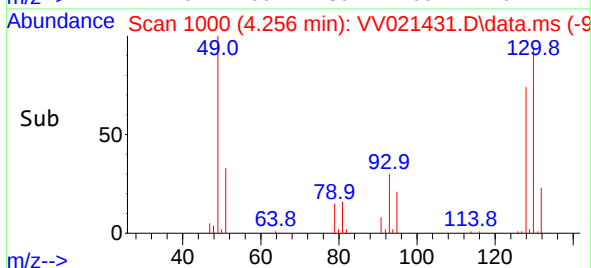
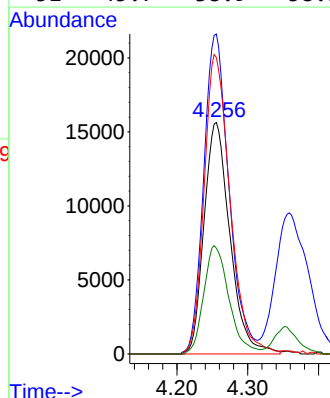
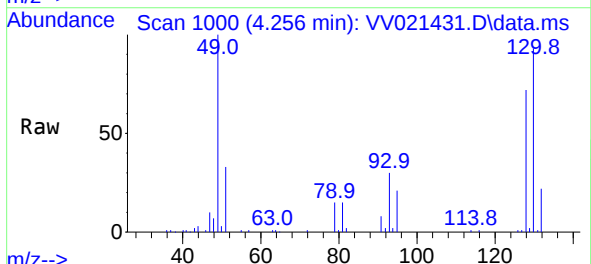
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

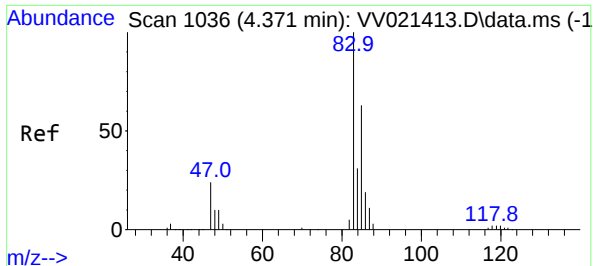
Tgt Ion: 96 Resp: 87142
Ion Ratio Lower Upper
96 100
61 119.4 81.9 152.1
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.74 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.010 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:128 Resp: 39679
Ion Ratio Lower Upper
128 100
49 138.2 102.3 190.1
130 128.0 94.3 175.1
51 45.7 38.9 58.3



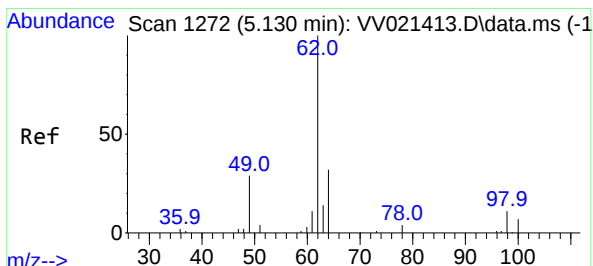
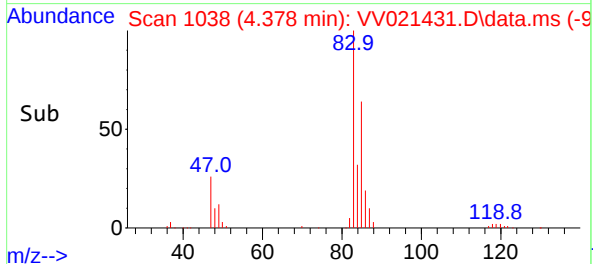
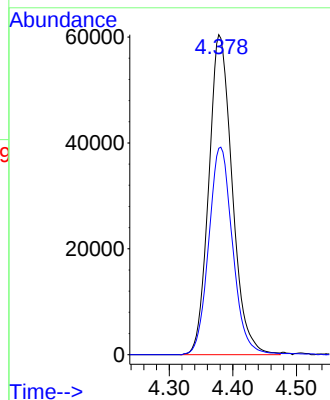
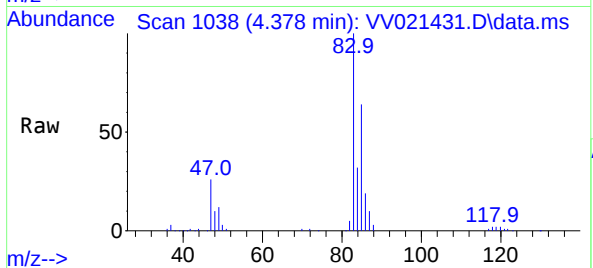


#25

Chloroform
Concen: 6.06 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

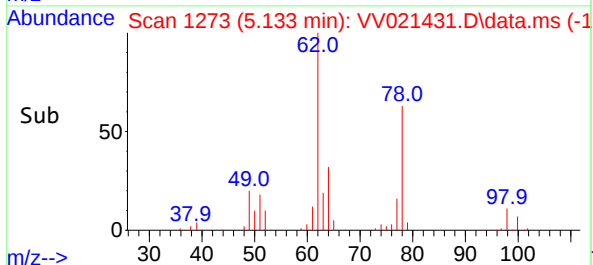
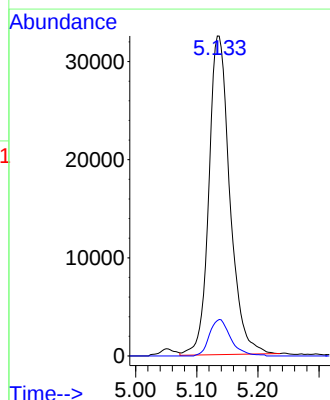
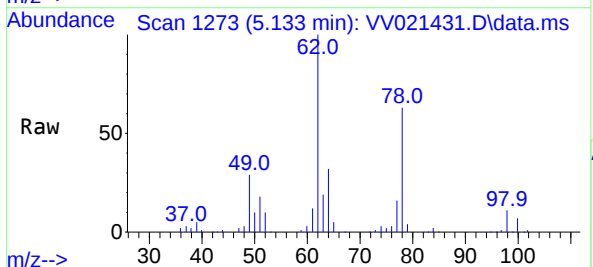
Tgt Ion: 83 Resp: 154769
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.2

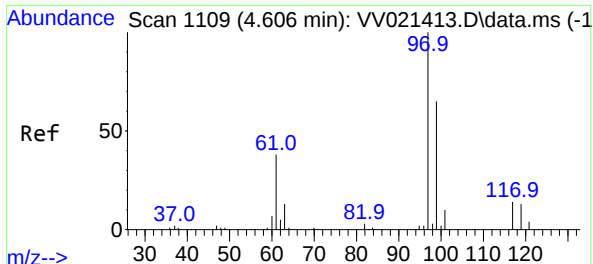


#27

1,2-Dichloroethane
Concen: 5.61 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 62 Resp: 77610
Ion Ratio Lower Upper
62 100
98 11.1 8.4 12.6

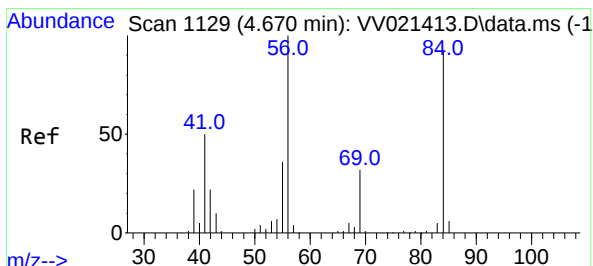
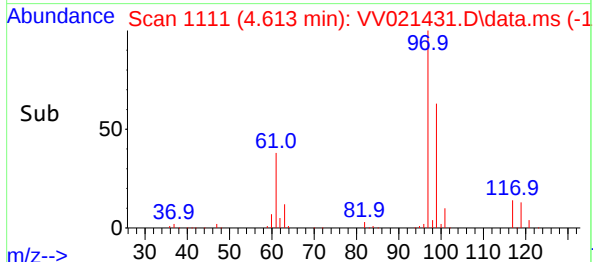
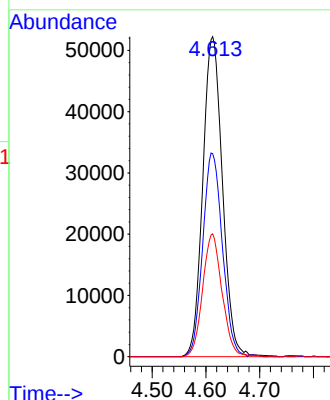
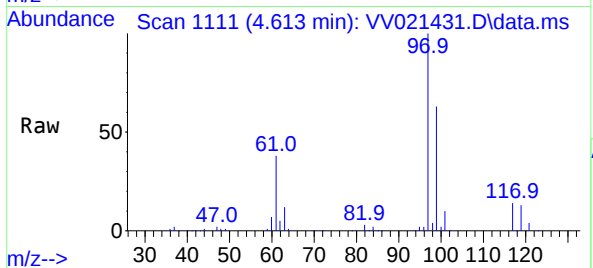




#29
1,1,1-Trichloroethane
Concen: 5.54 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

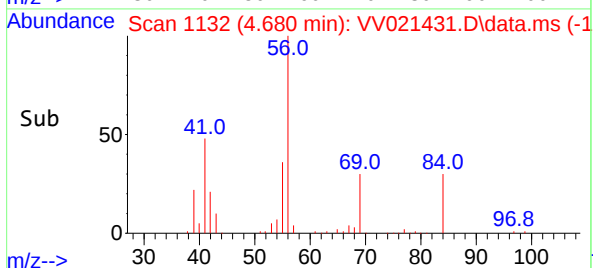
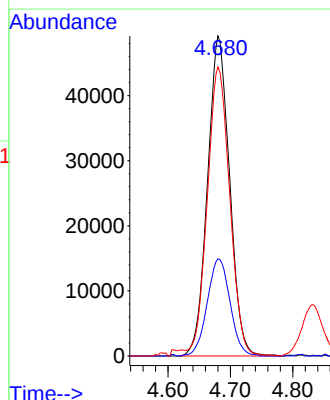
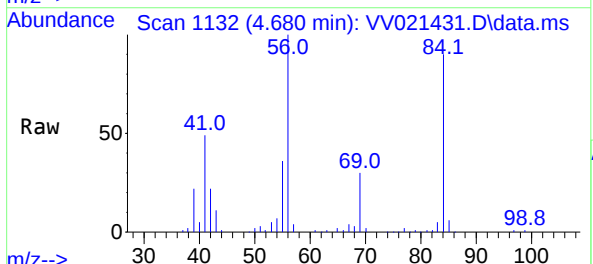
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

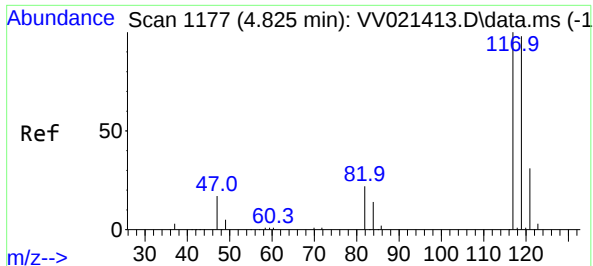
Tgt Ion: 97 Resp: 132670
Ion Ratio Lower Upper
97 100
99 63.6 50.6 75.8
61 37.8 30.4 45.6



#30
Cyclohexane
Concen: 5.12 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.010 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 56 Resp: 120833
Ion Ratio Lower Upper
56 100
69 31.4 25.2 37.8
84 92.0 72.7 109.1

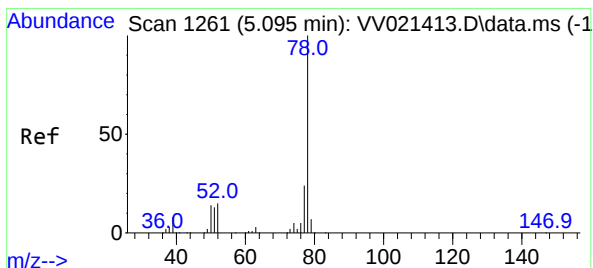
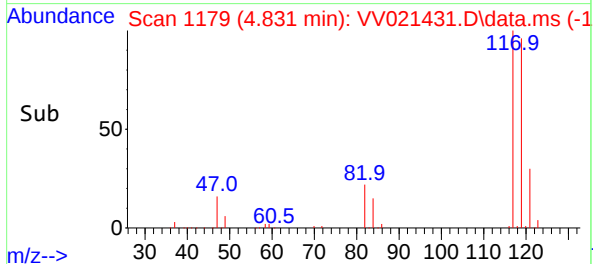
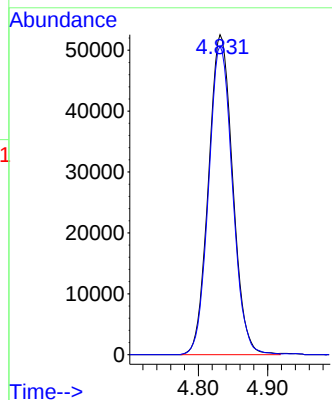
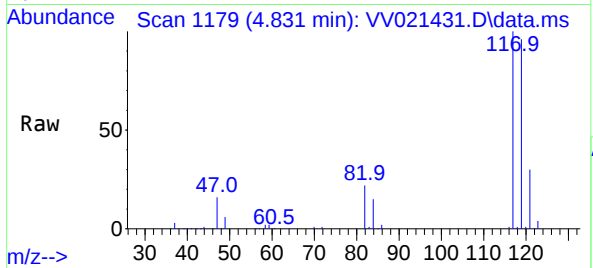




#31
Carbon tetrachloride
Concen: 5.86 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

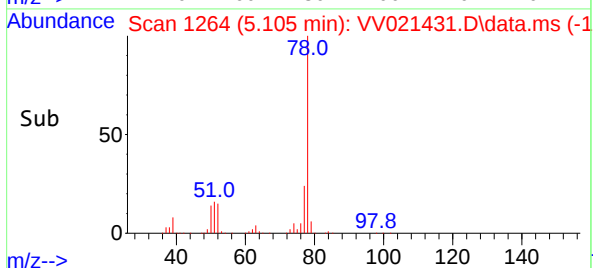
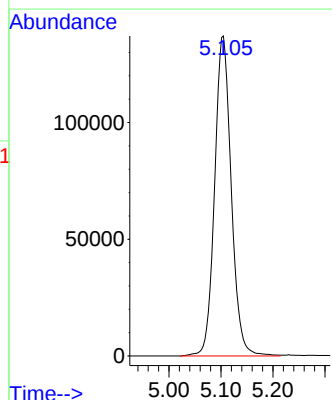
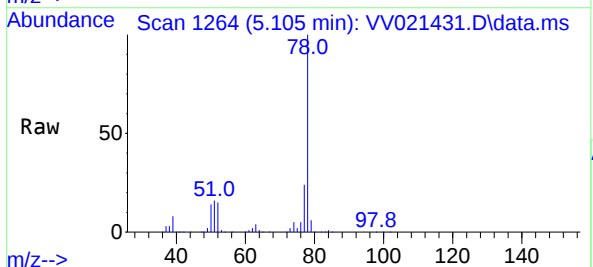
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

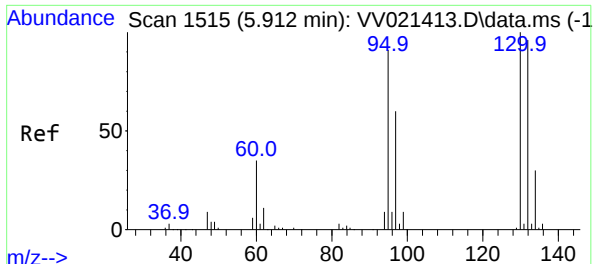
Tgt Ion:117 Resp: 127426
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.6



#33
Benzene
Concen: 5.47 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 78 Resp: 304635

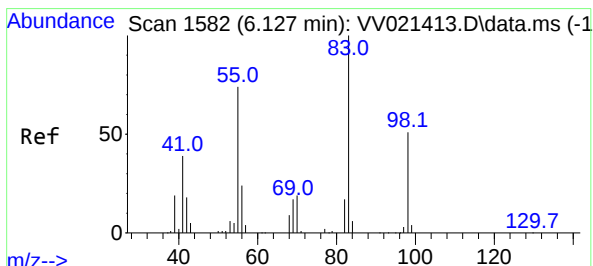
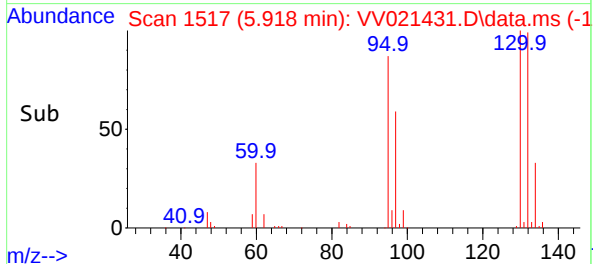
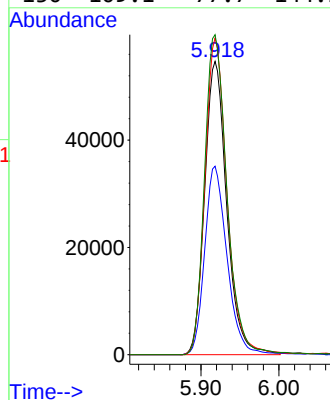
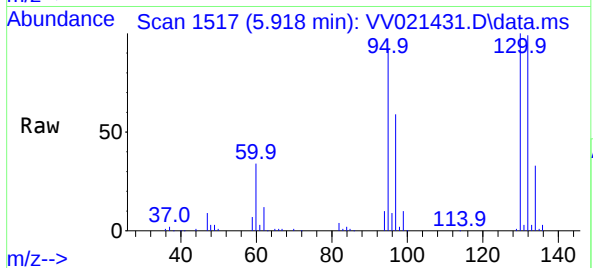




#34
Trichloroethene
Concen: 7.04 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

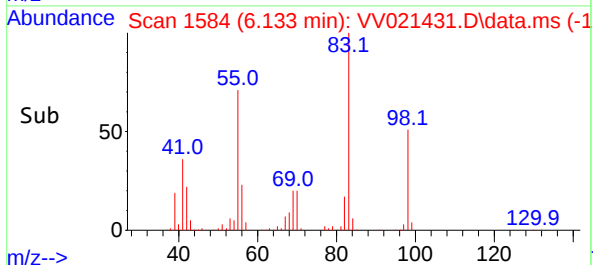
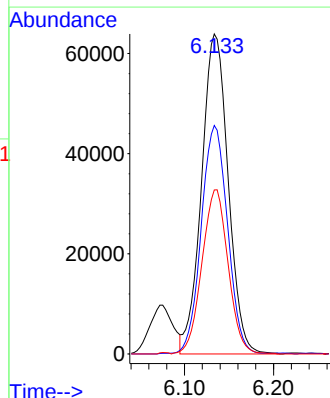
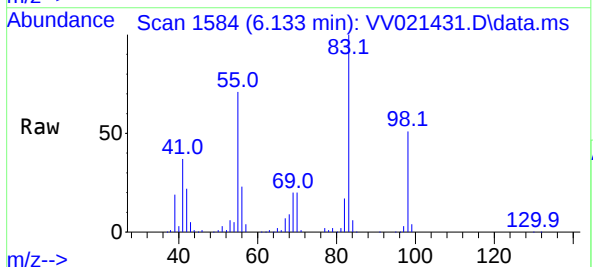
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

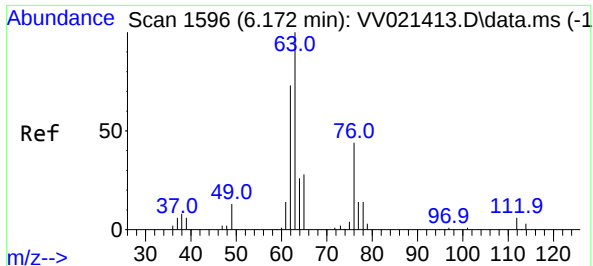
Tgt Ion: 95 Resp: 107708
Ion Ratio Lower Upper
95 100
97 64.3 45.4 84.4
132 108.0 74.5 138.3
130 109.1 77.7 144.3



#35
Methylcyclohexane
Concen: 5.28 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 83 Resp: 132935
Ion Ratio Lower Upper
83 100
55 70.7 57.7 86.5
98 50.5 40.6 61.0

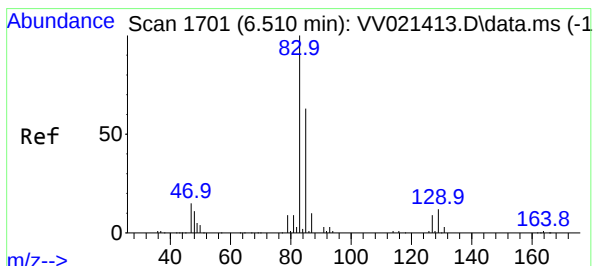
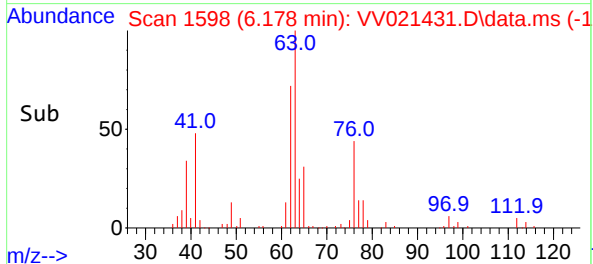
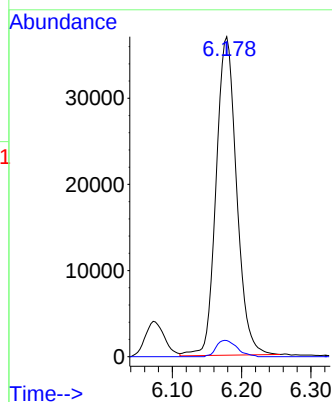
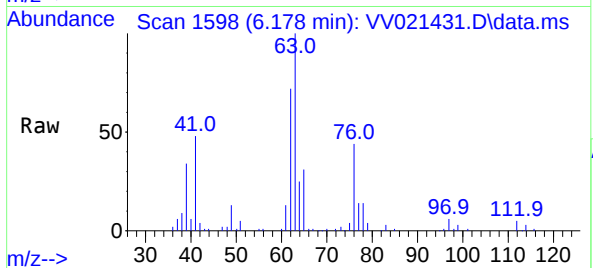




#37
1,2-Dichloropropane
Concen: 5.50 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

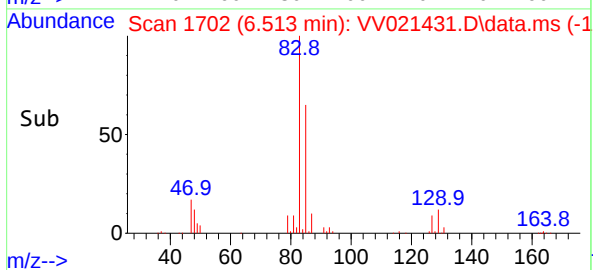
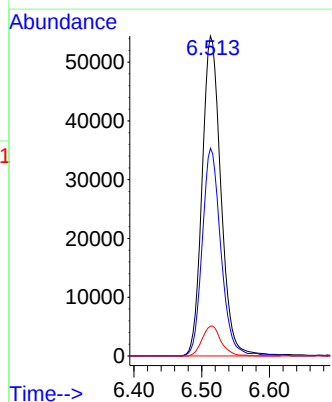
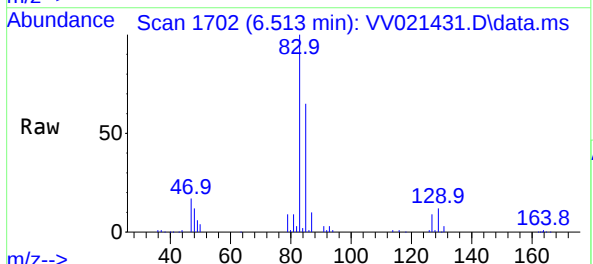
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

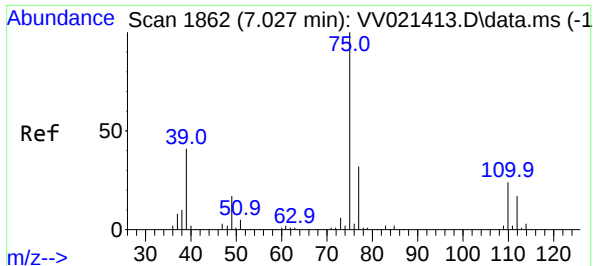
Tgt Ion: 63 Resp: 76023
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 5.55 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 83 Resp: 104749
Ion Ratio Lower Upper
83 100
85 64.9 46.2 85.8
127 9.3 7.3 10.9

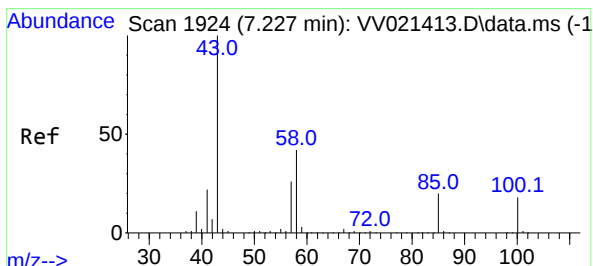
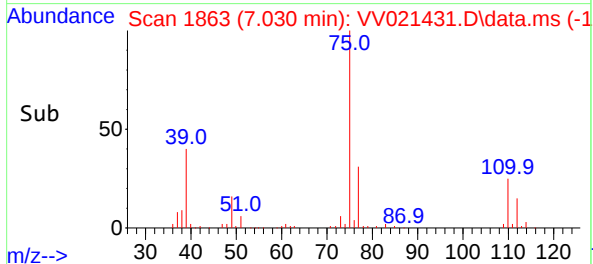
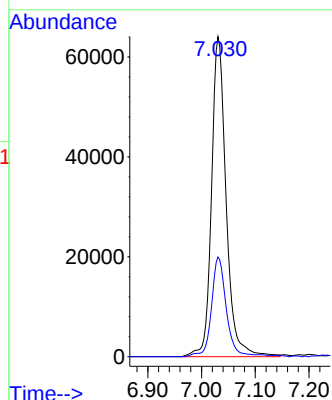
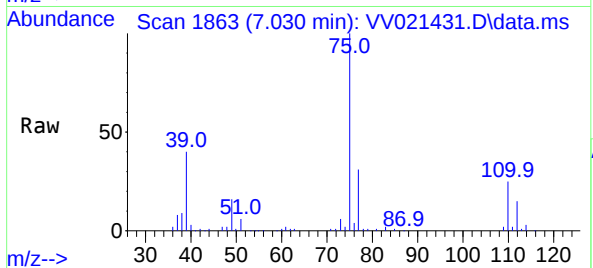




#39
 cis-1,3-Dichloropropene
 Concen: 5.48 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021431.D
 Acq: 26 May 2021 17:21

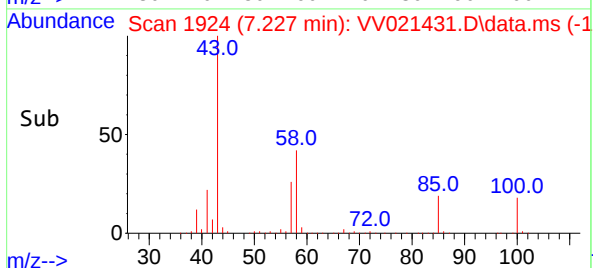
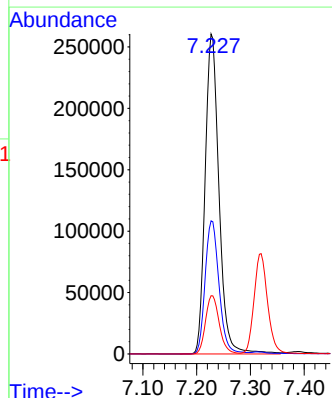
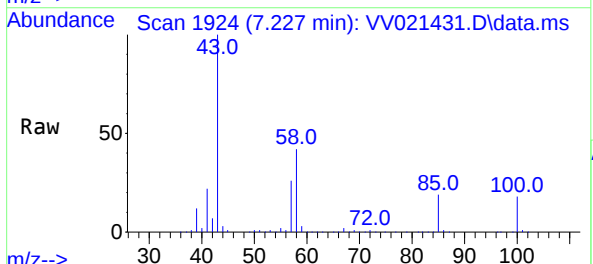
Instrument :
 MSVOA_V
 ClientSampleId :
 YARK5MSD

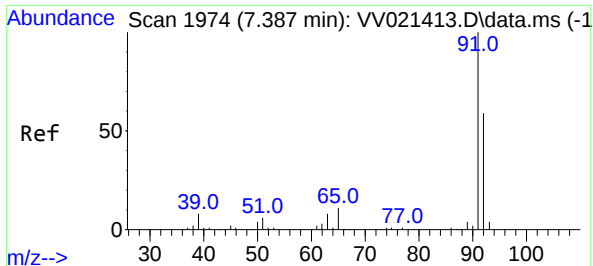
Tgt Ion: 75 Resp: 121176
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 55.18 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021431.D
 Acq: 26 May 2021 17:21

Tgt Ion: 43 Resp: 466578
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.9 50.9
 100 18.1 14.2 21.4





#42

Toluene

Concen: 5.55 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021431.D

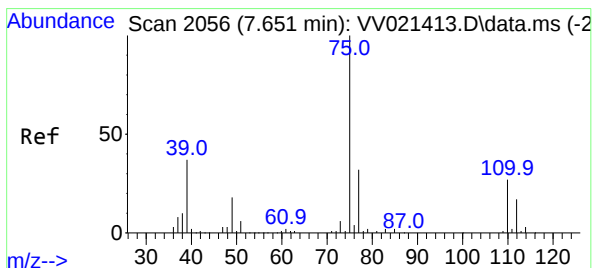
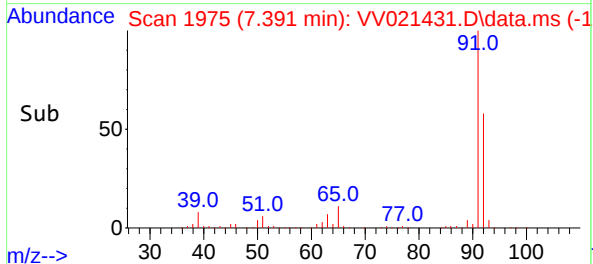
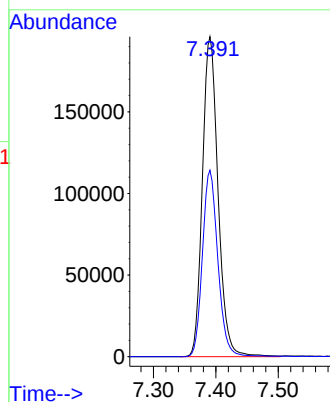
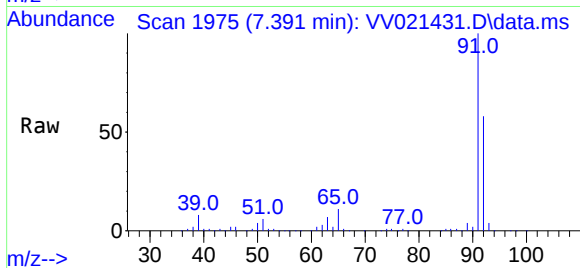
Acq: 26 May 2021 17:21

Tgt Ion: 91 Resp: 342064

Ion Ratio Lower Upper

91 100

92 58.2 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 5.51 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV021431.D

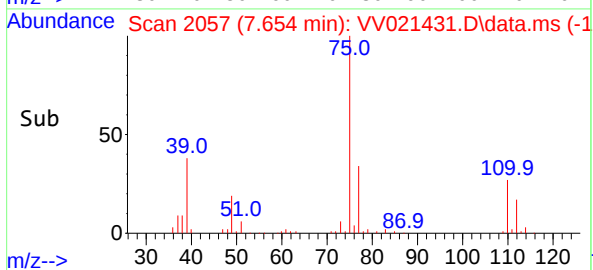
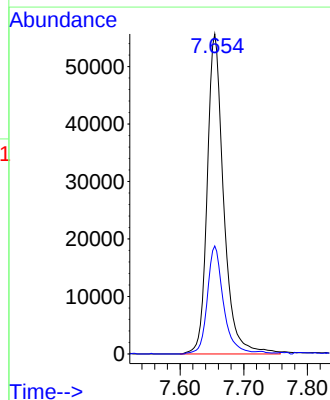
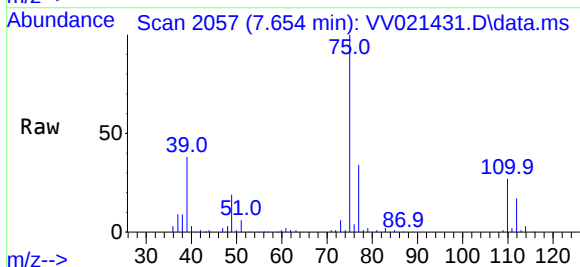
Acq: 26 May 2021 17:21

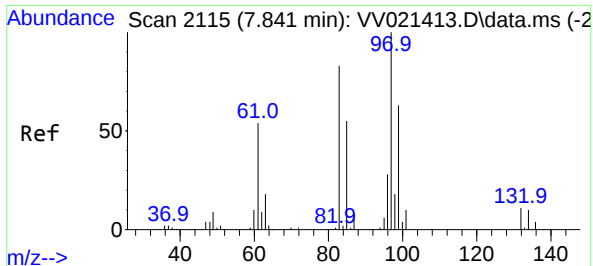
Tgt Ion: 75 Resp: 100124

Ion Ratio Lower Upper

75 100

77 33.7 22.2 41.2



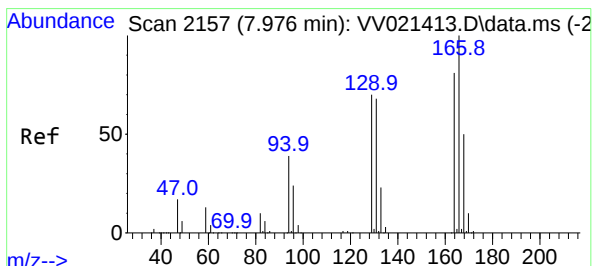
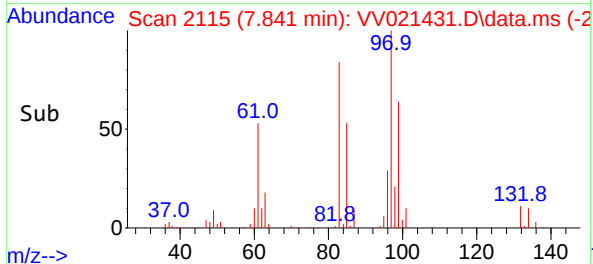
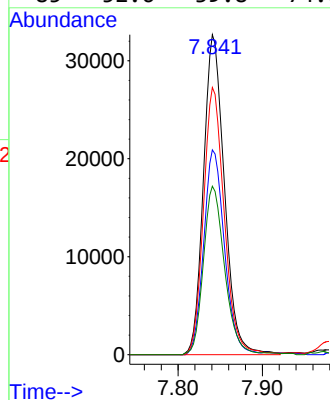
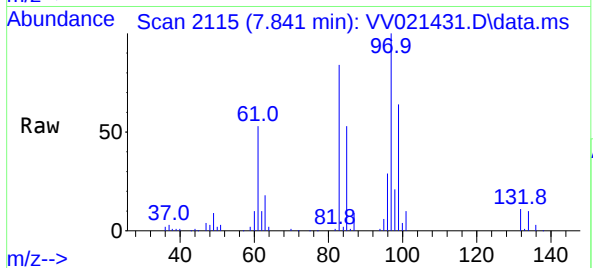


#45

1,1,2-Trichloroethane
Concen: 5.54 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

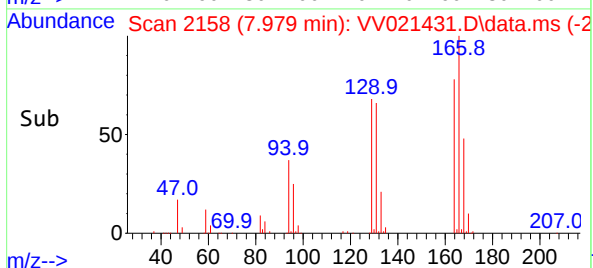
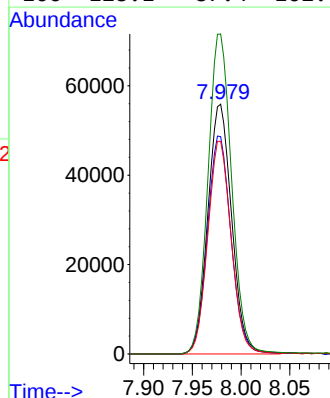
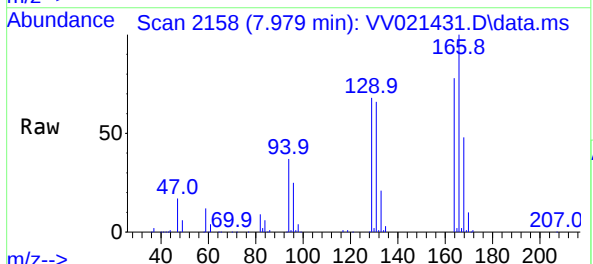
Tgt Ion:	97	Resp:	56635
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.0	81.8
83	83.5	59.0	109.6
85	52.6	39.8	74.0

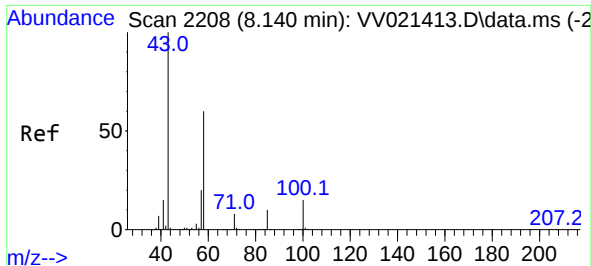


#47

Tetrachloroethene
Concen: 6.82 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

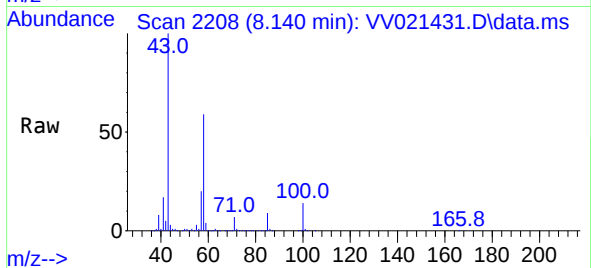
Tgt Ion:	164	Resp:	95149
Ion	Ratio	Lower	Upper
164	100		
129	87.0	61.8	114.8
131	85.1	57.8	107.4
166	128.1	87.4	162.4



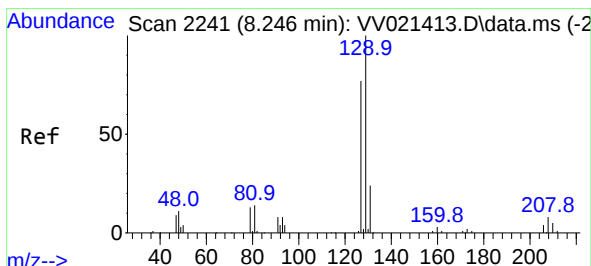
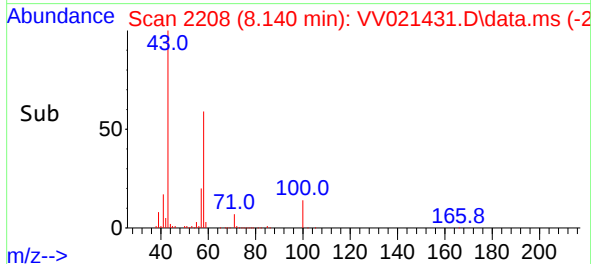
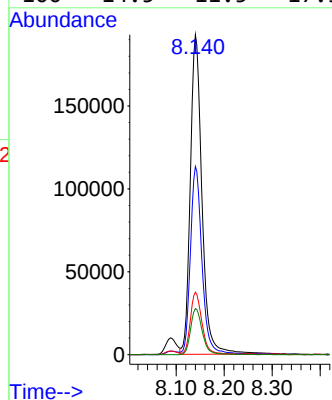


#48
2-Hexanone
Concen: 56.60 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

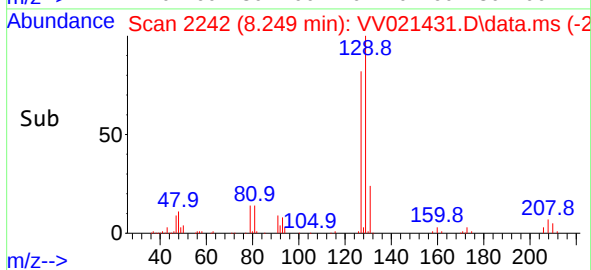
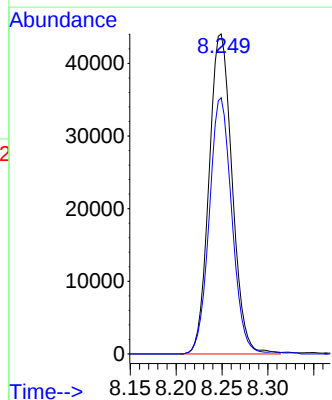
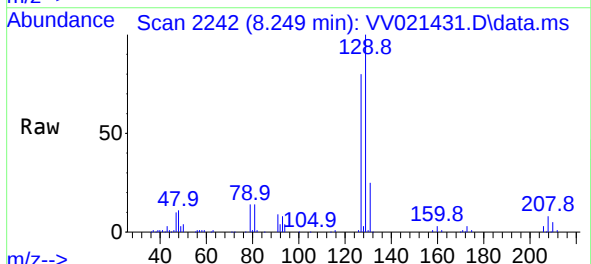


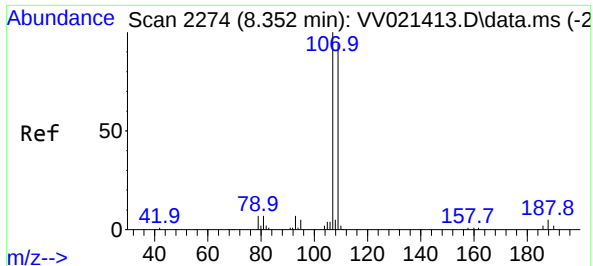
Tgt Ion: 43 Resp: 325355
Ion Ratio Lower Upper
43 100
58 57.7 47.0 70.4
57 18.9 15.4 23.2
100 14.5 11.5 17.3



#49
Dibromochloromethane
Concen: 5.57 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 129 Resp: 77274
Ion Ratio Lower Upper
129 100
127 80.1 55.4 103.0





#50

1,2-Dibromoethane

Concen: 5.54 ug/L

RT: 8.355 min Scan# 2275

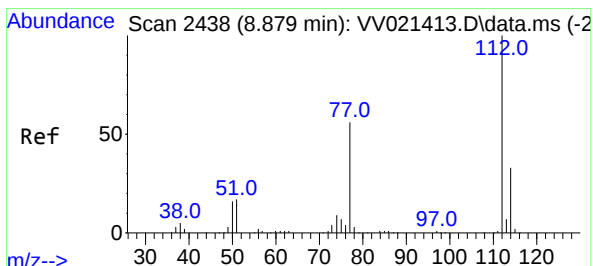
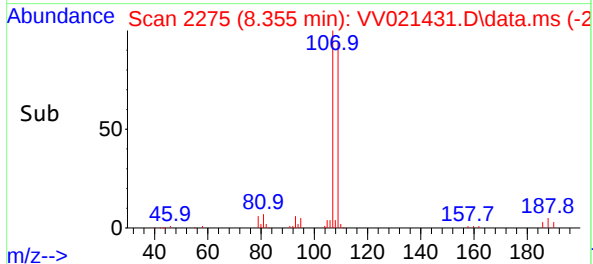
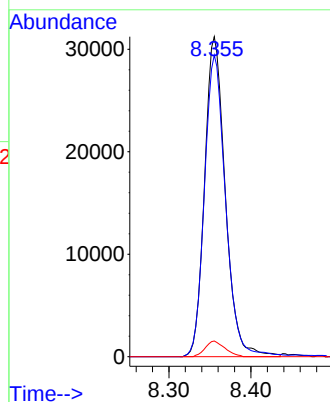
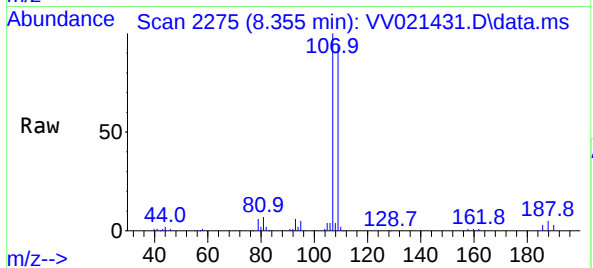
Delta R.T. 0.003 min

Lab File: VV021431.D

Acq: 26 May 2021 17:21

Tgt Ion:	107	Resp:	54552
Ion	Ratio	Lower	Upper
107	100		
109	94.2	65.3	121.3
188	4.9	3.8	5.6

Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD



#51

Chlorobenzene

Concen: 5.53 ug/L

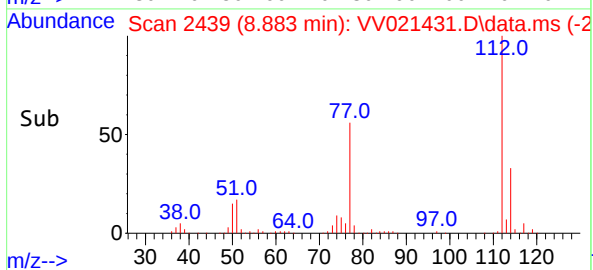
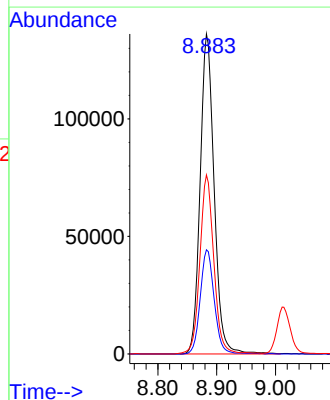
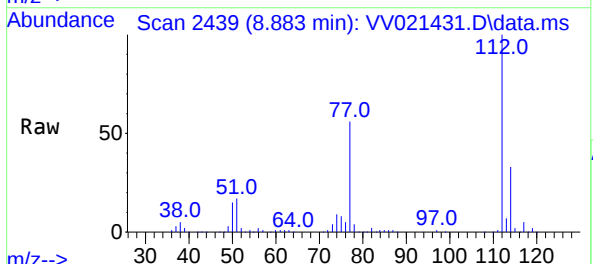
RT: 8.883 min Scan# 2439

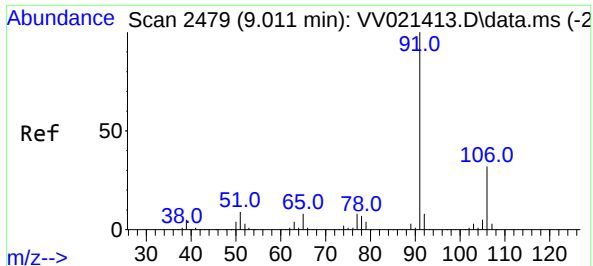
Delta R.T. 0.003 min

Lab File: VV021431.D

Acq: 26 May 2021 17:21

Tgt Ion:	112	Resp:	225083
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.9
77	56.0	44.5	66.7





#52

Ethylbenzene

Concen: 5.53 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021431.D

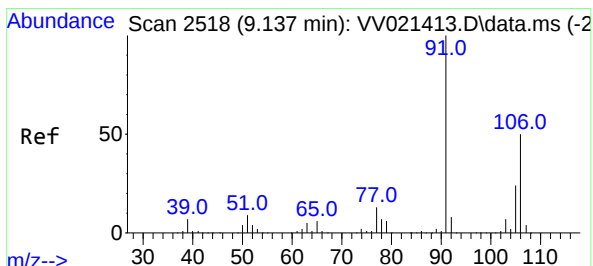
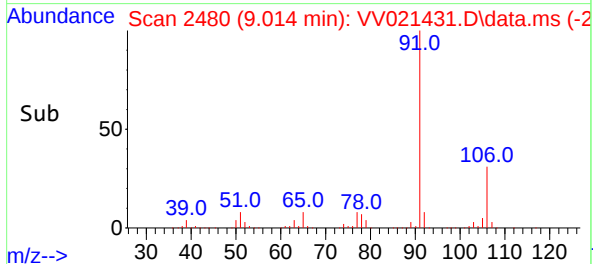
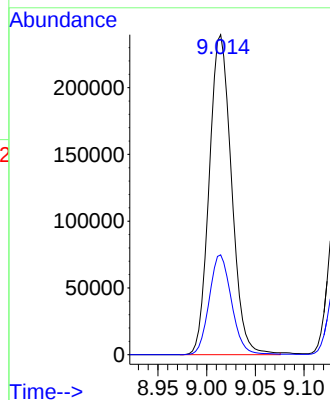
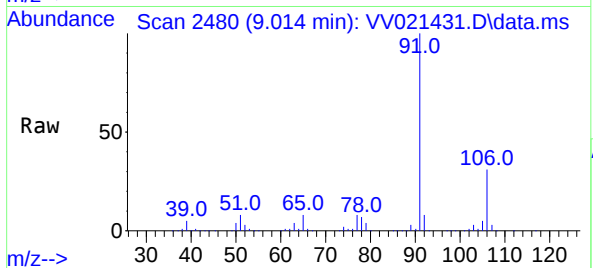
Acq: 26 May 2021 17:21

Tgt Ion: 91 Resp: 380831

Ion Ratio Lower Upper

91 100

106 31.2 22.0 41.0



#53

m,p-xylene

Concen: 5.53 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV021431.D

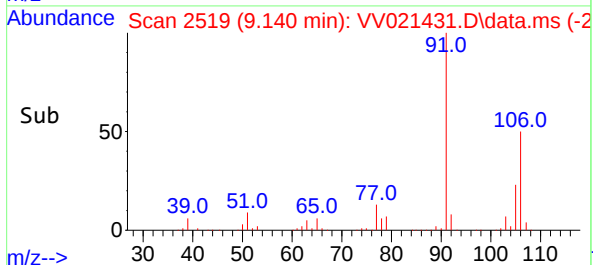
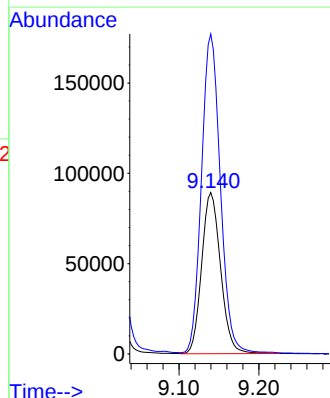
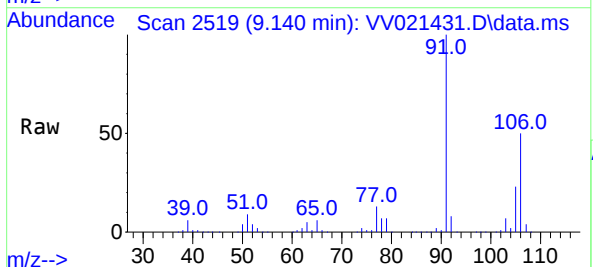
Acq: 26 May 2021 17:21

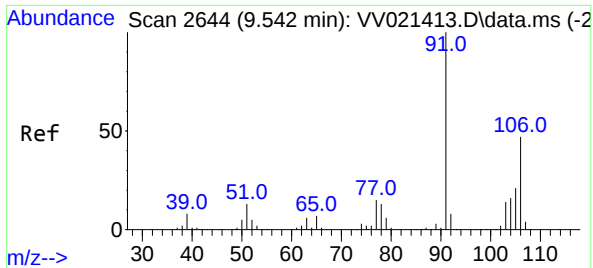
Tgt Ion: 106 Resp: 146851

Ion Ratio Lower Upper

106 100

91 198.2 140.8 261.4

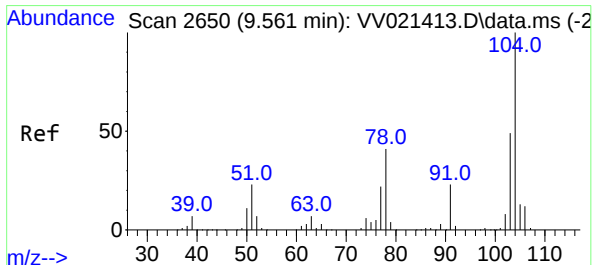
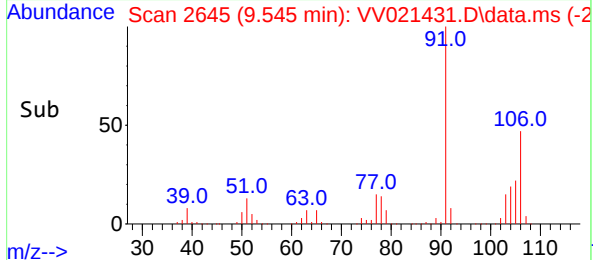
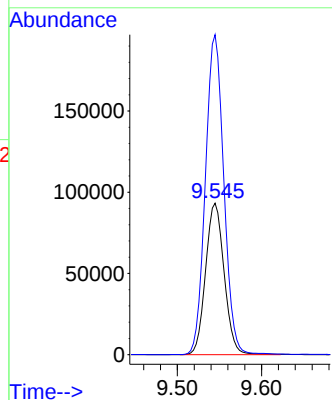
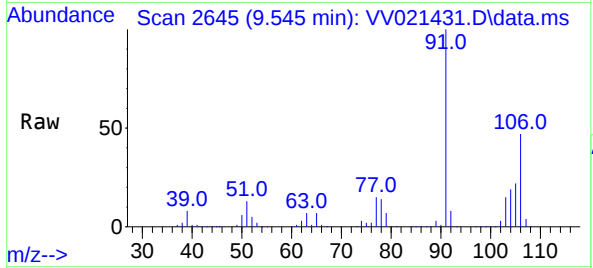




#54
o-xylene
Concen: 5.52 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

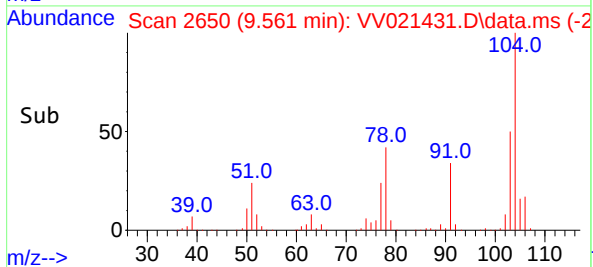
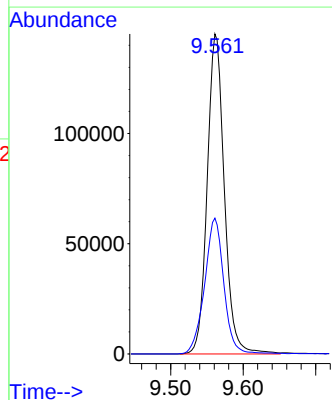
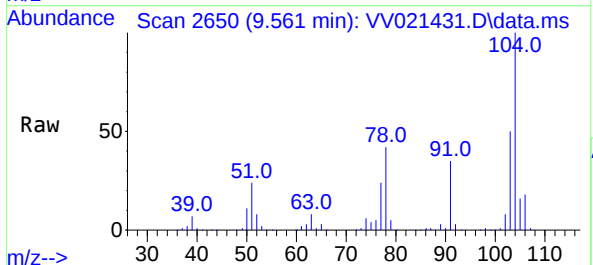
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

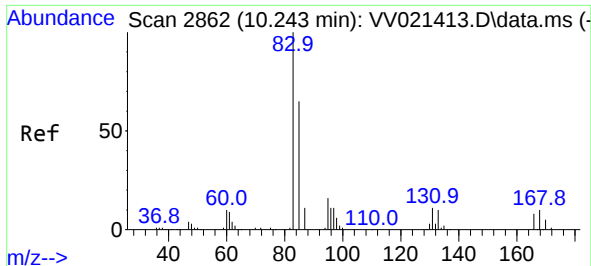
Tgt Ion:106 Resp: 143153
Ion Ratio Lower Upper
106 100
91 211.2 146.7 272.4



#55
Styrene
Concen: 5.46 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:104 Resp: 238821
Ion Ratio Lower Upper
104 100
78 42.5 29.7 55.1

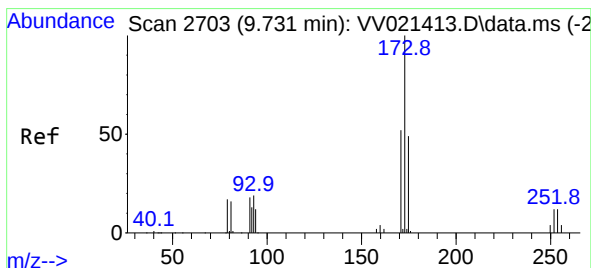
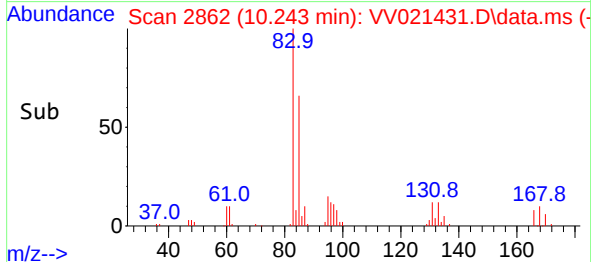
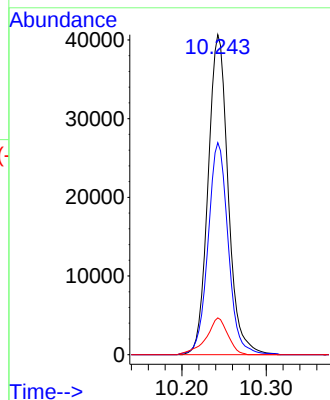
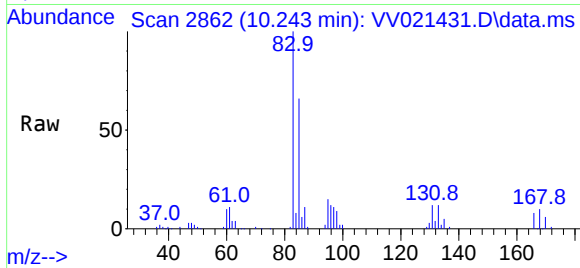




#57
1,1,2,2-Tetrachloroethane
Concen: 5.60 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

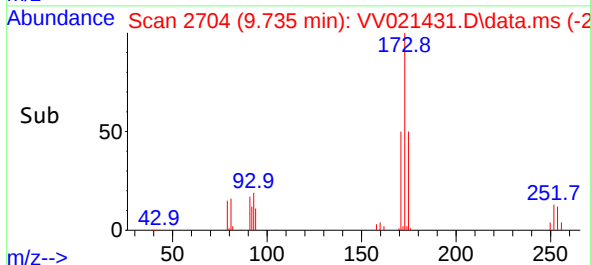
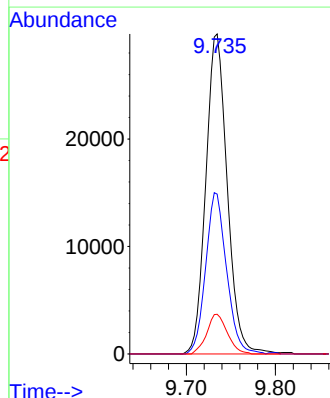
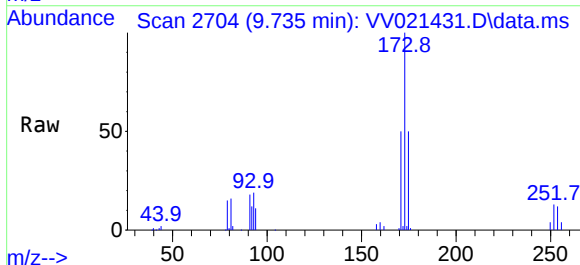
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

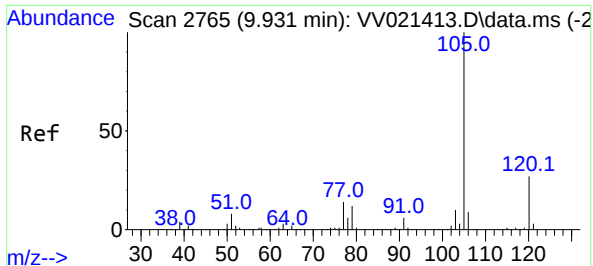
Tgt Ion:	83	Resp:	67384
Ion	Ratio	Lower	Upper
83	100		
85	66.3	43.3	80.3
131	11.5	9.4	14.0



#59
Bromoform
Concen: 5.58 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:	173	Resp:	49607
Ion	Ratio	Lower	Upper
173	100		
175	49.2	40.2	60.4
254	11.9	9.8	14.8

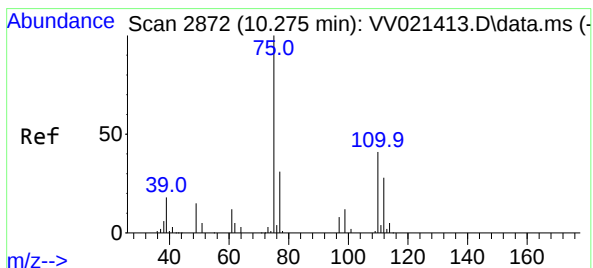
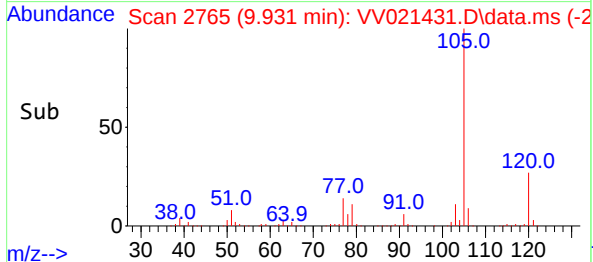
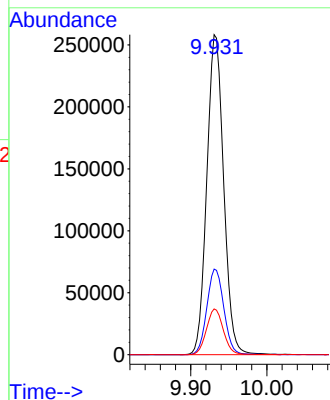
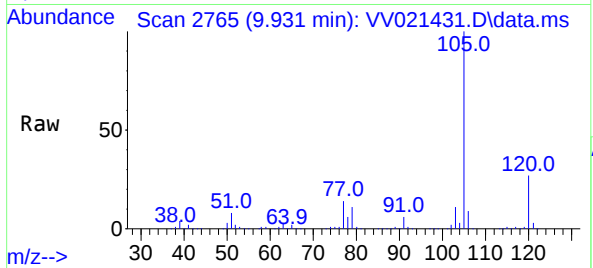




#60
Isopropylbenzene
Concen: 5.46 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

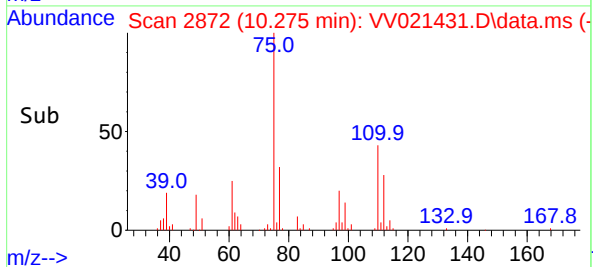
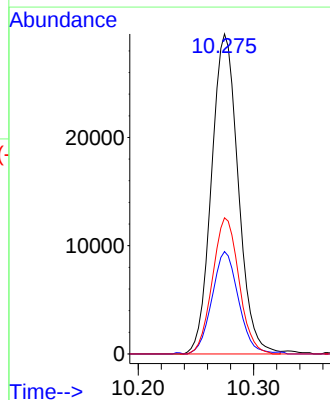
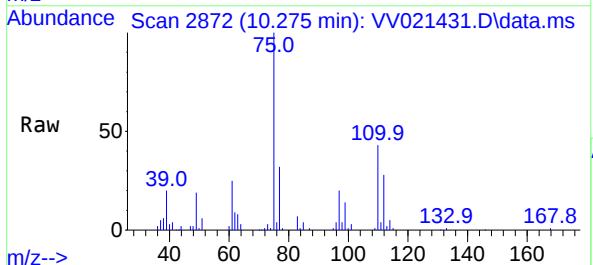
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

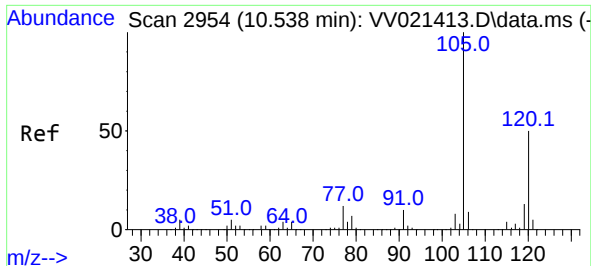
Tgt Ion:105 Resp: 397808
Ion Ratio Lower Upper
105 100
120 27.0 21.8 32.8
77 14.4 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 5.44 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion: 75 Resp: 47511
Ion Ratio Lower Upper
75 100
77 31.9 27.3 40.9
110 42.2 34.2 51.2

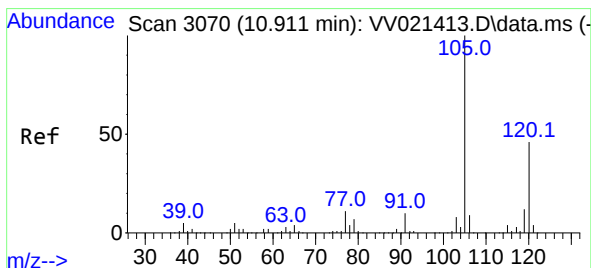
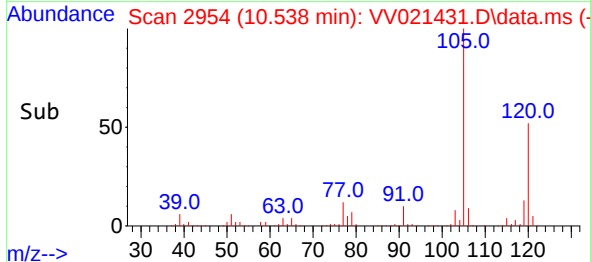
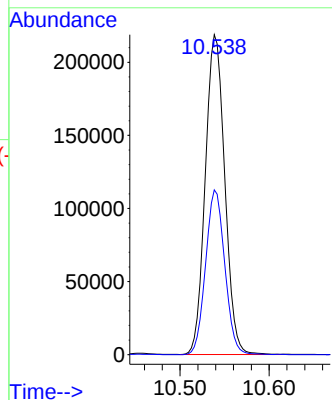
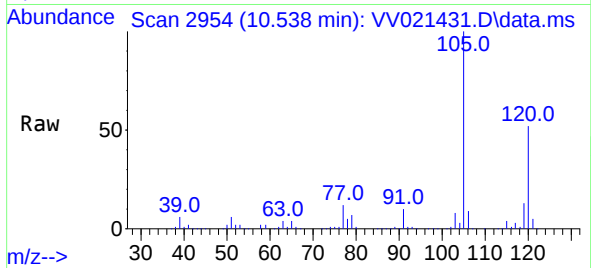




#62
1,3,5-Trimethylbenzene
Concen: 5.35 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

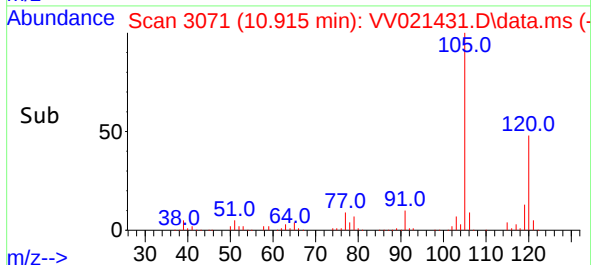
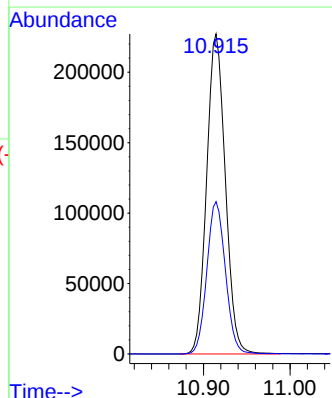
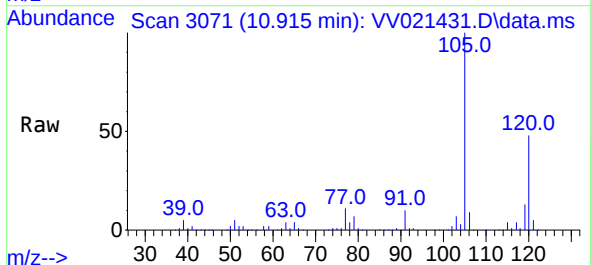
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

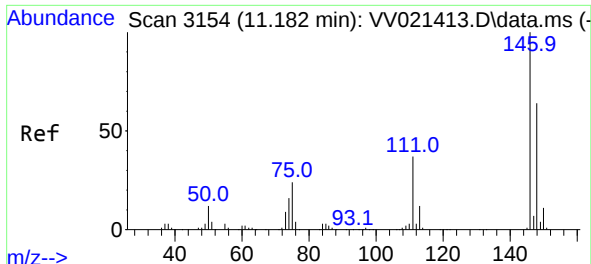
Tgt Ion:105 Resp: 331866
Ion Ratio Lower Upper
105 100
120 50.7 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 5.36 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:105 Resp: 340239
Ion Ratio Lower Upper
105 100
120 47.4 37.4 56.0

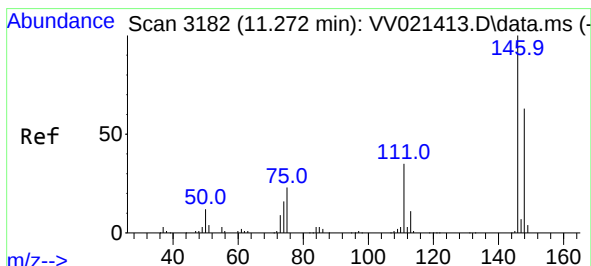
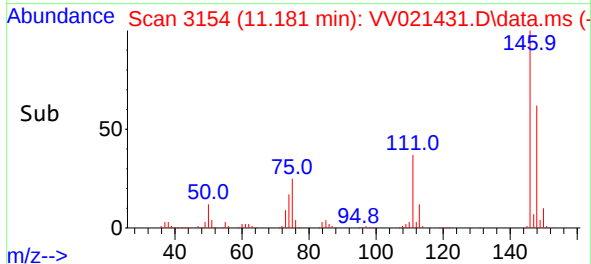
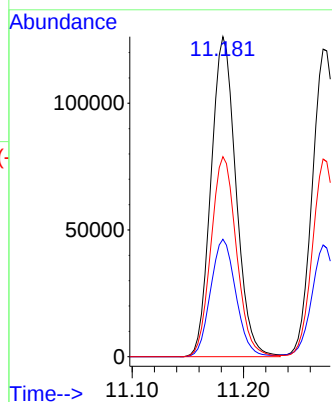
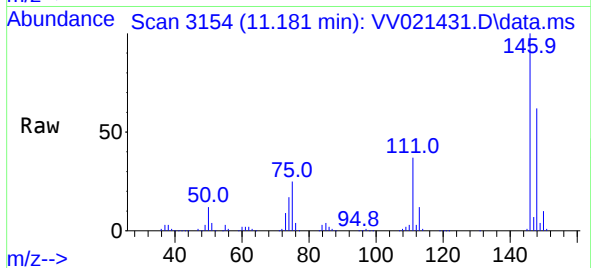




#64
1,3-Dichlorobenzene
Concen: 5.48 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

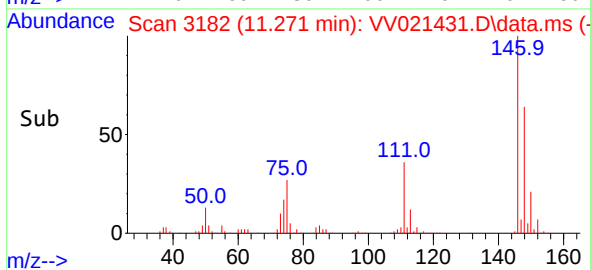
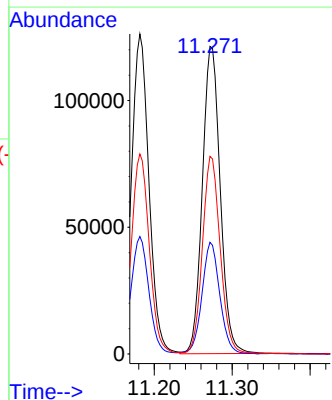
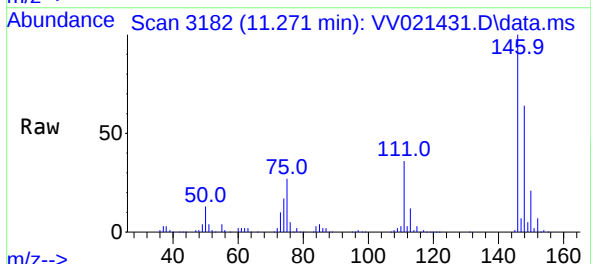
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

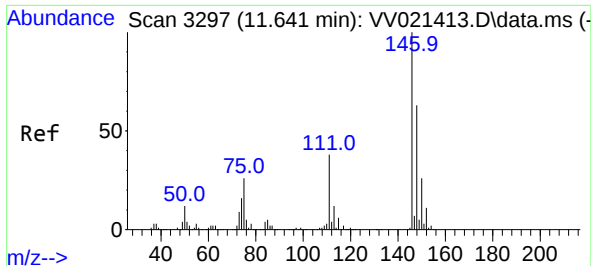
Tgt Ion:146 Resp: 196574
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.6
148 62.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.41 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:146 Resp: 193675
Ion Ratio Lower Upper
146 100
111 36.3 25.1 46.5
148 64.2 44.4 82.5

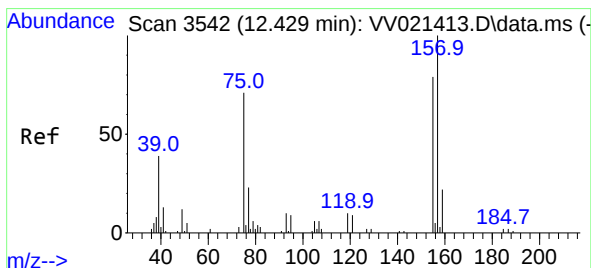
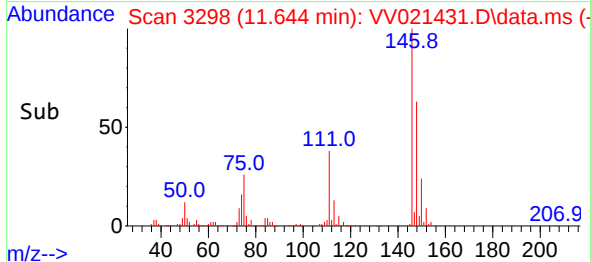
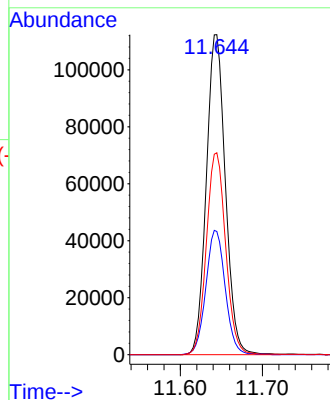
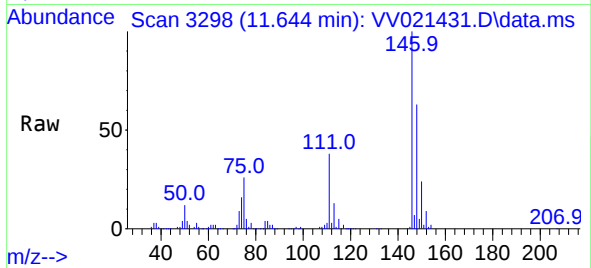




#67
1,2-Dichlorobenzene
Concen: 5.48 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

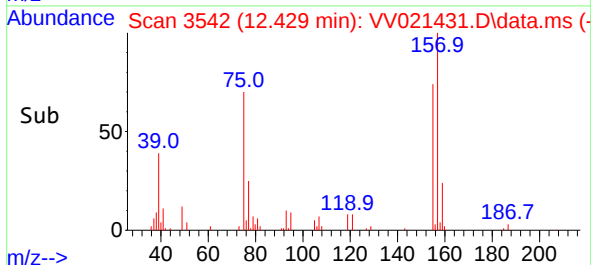
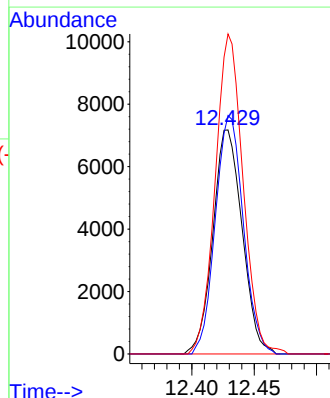
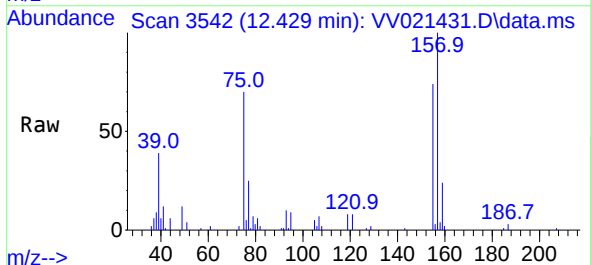
Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

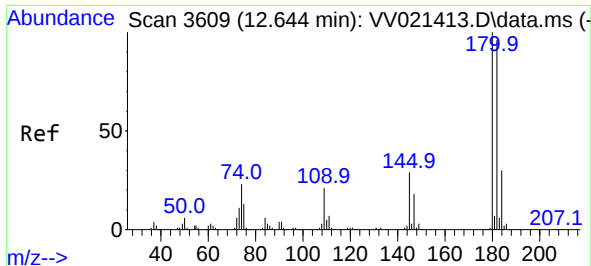
Tgt Ion:	146	Resp:	181681
Ion	Ratio	Lower	Upper
146	100		
111	38.5	31.2	46.8
148	63.1	50.9	76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.48 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:	75	Resp:	11719
Ion	Ratio	Lower	Upper
75	100		
155	106.4	87.2	130.8
157	142.8	106.1	159.1



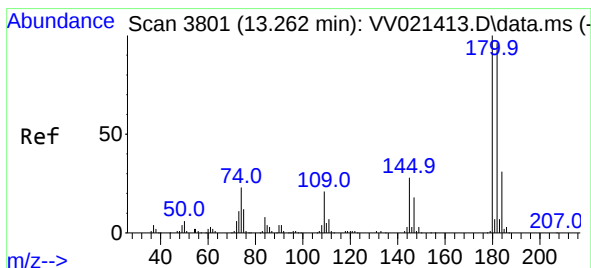
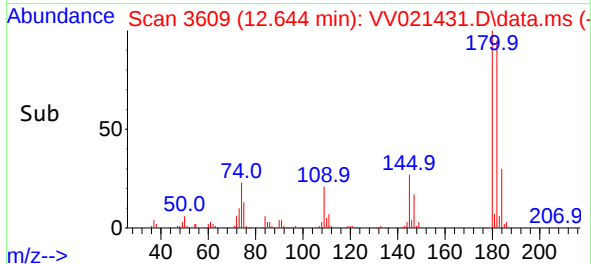
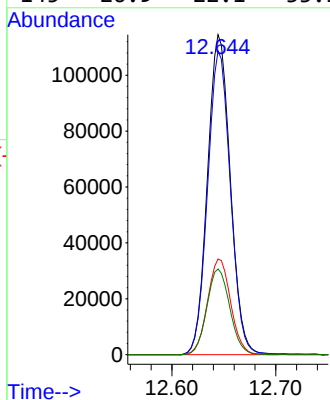
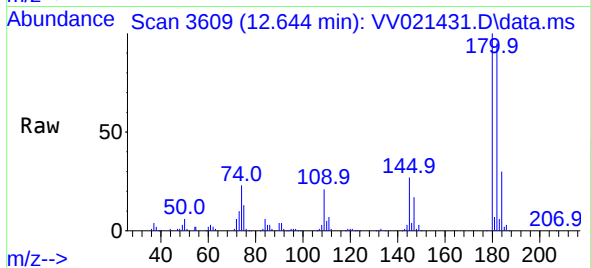


#69
1,3,5-Trichlorobenzene
Concen: 5.42 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

Tgt Ion:180 Resp: 174845

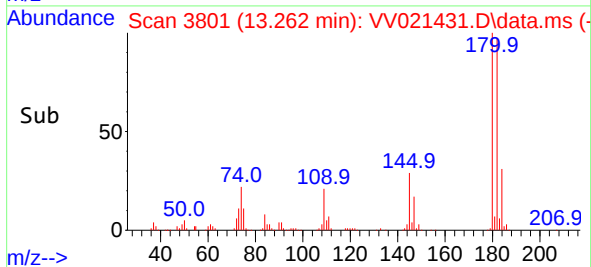
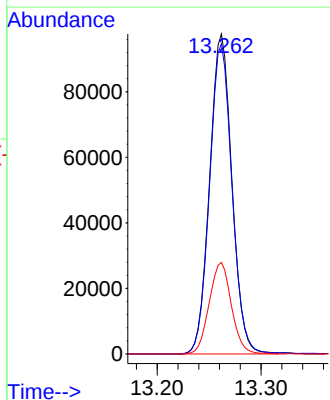
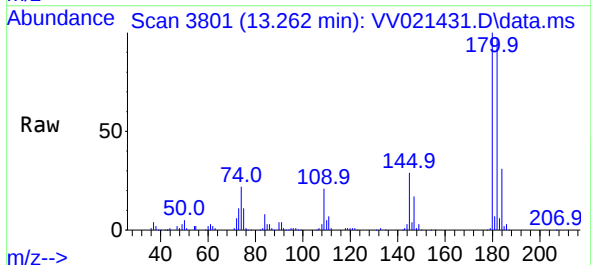
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
184	30.4	24.0	36.0
145	26.9	22.1	33.1

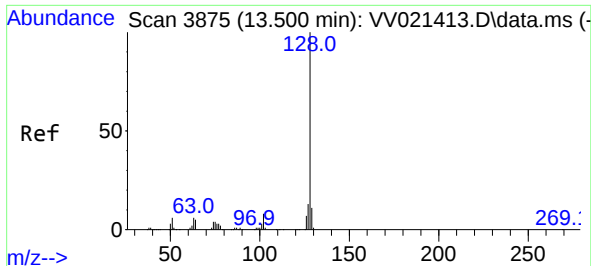


#70
1,2,4-trichlorobenzene
Concen: 5.43 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:180 Resp: 145383

Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.3	114.5
145	28.5	23.0	34.4

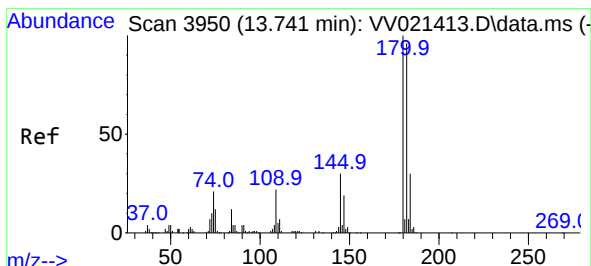
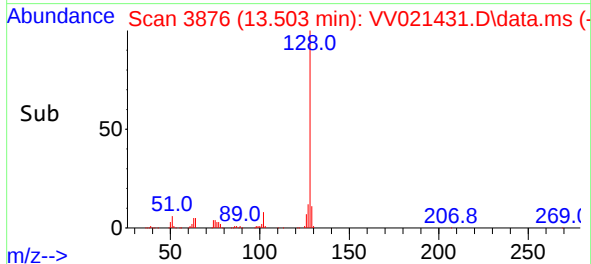
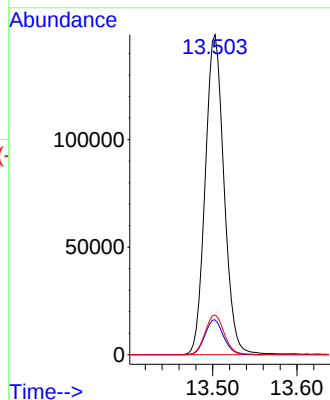
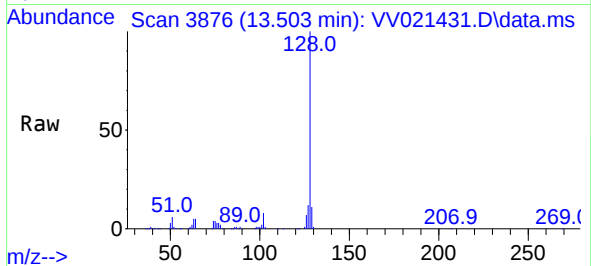




#71
Naphthalene
Concen: 5.52 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Instrument :
MSVOA_V
ClientSampleId :
YARK5MSD

Tgt Ion:128 Resp: 231466
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.45 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV021431.D
Acq: 26 May 2021 17:21

Tgt Ion:180 Resp: 129425
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 29.5 24.3 36.5

