

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021430.D
 Acq On : 26 May 2021 16:57
 Operator : SY/MD
 Sample : M2528-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YARK5MS

Quant Time: May 27 02:05:54 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	221237	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	207627	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	119041	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41025	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.568	69	42464	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.111	63	89800	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	3.892	46	192431	57.19	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.38%
24) Chloroform-d	4.352	84	129665	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.037	65	60695	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.053	84	236424	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.076	67	78291	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.317	98	217289	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	7.625	79	30752	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.088	63	168445	53.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.10%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	65245	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	99968	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	80767	5.44	ug/L	98
3) Chloromethane	1.243	50	73731	5.66	ug/L	98
5) Vinyl chloride	1.311	62	78141	5.78	ug/L	99
6) Bromomethane	1.523	94	52458	5.92	ug/L	100
8) Chloroethane	1.587	64	45598	5.59	ug/L	96
9) Trichlorofluoromethane	1.754	101	115445	5.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	69292	5.96	ug/L	98
12) 1,1-Dichloroethene	2.118	96	64077	5.84	ug/L	90
13) Acetone	2.188	43	104538	55.11	ug/L #	30
14) Carbon disulfide	2.294	76	200186	5.43	ug/L	100
15) Methyl Acetate	2.442	43	25575	5.71	ug/L	94
16) Methylene chloride	2.510	84	74177	4.11	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	176182	5.56	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	75704	5.53	ug/L	99
19) 1,1-Dichloroethane	3.192	63	132042	5.46	ug/L	97
21) 2-Butanone	3.979	43	178539	55.25	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	83279	5.59	ug/L	100
23) Bromochloromethane	4.253	128	38304	5.72	ug/L	96
25) Chloroform	4.378	83	150476	6.07	ug/L	98

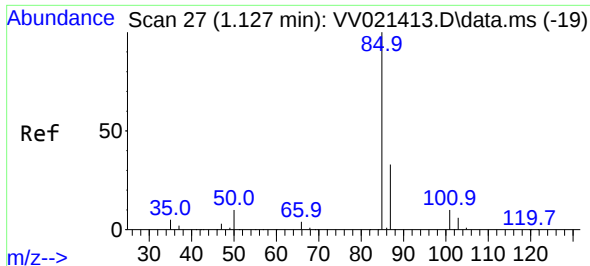
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	73973	5.52	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	126452	5.43	ug/L	99
30) Cyclohexane	4.680	56	119445	5.21	ug/L	98
31) Carbon tetrachloride	4.831	117	123513	5.84	ug/L	100
33) Benzene	5.101	78	291703	5.39	ug/L	100
34) Trichloroethene	5.918	95	106344	7.15	ug/L	100
35) Methylcyclohexane	6.134	83	129586	5.29	ug/L	99
37) 1,2-Dichloropropane	6.175	63	73783	5.49	ug/L	99
38) Bromodichloromethane	6.513	83	99513	5.42	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	114462	5.32	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	440739	53.59	ug/L	99
42) Toluene	7.391	91	329954	5.51	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	97776	5.53	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	54768	5.51	ug/L	96
47) Tetrachloroethene	7.976	164	92952	6.85	ug/L	98
48) 2-Hexanone	8.140	43	295743	52.90	ug/L	99
49) Dibromochloromethane	8.246	129	73750	5.47	ug/L	97
50) 1,2-Dibromoethane	8.355	107	52192	5.45	ug/L	98
51) Chlorobenzene	8.883	112	218330	5.52	ug/L	99
52) Ethylbenzene	9.014	91	370225	5.52	ug/L	99
53) m,p-xylene	9.140	106	142611	5.52	ug/L	96
54) o-xylene	9.545	106	139010	5.51	ug/L	100
55) Styrene	9.561	104	233619	5.49	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	64346	5.50	ug/L	93
59) Bromoform	9.731	173	47214	5.48	ug/L	97
60) Isopropylbenzene	9.931	105	382544	5.43	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	44421	5.25	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	324123	5.40	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	330094	5.38	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	188101	5.42	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	186857	5.40	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	175042	5.45	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	10374	5.01	ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	168013	5.38	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	141088	5.44	ug/L	99
71) Naphthalene	13.500	128	215042	5.30	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	120139	5.22	ug/L	98

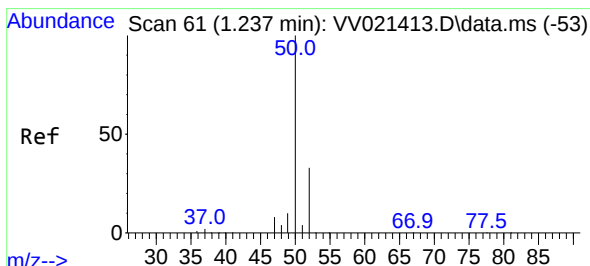
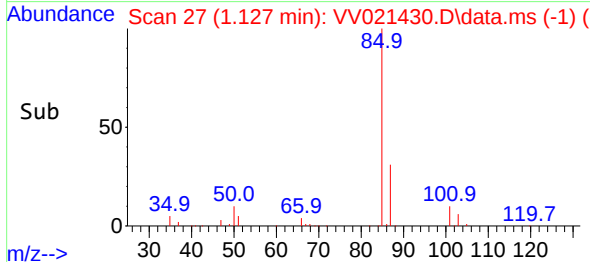
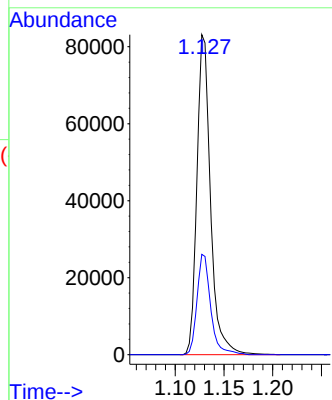
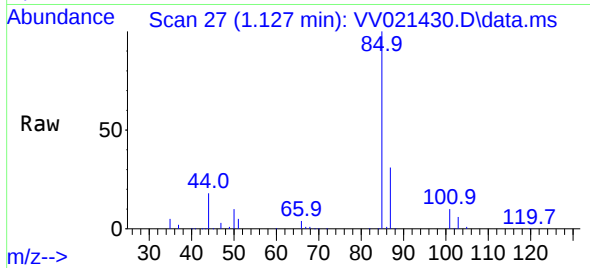
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.44 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021430.D
 Acq: 26 May 2021 16:57

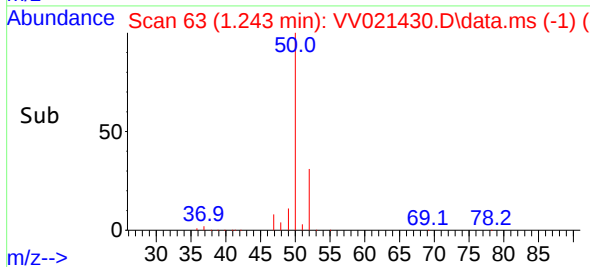
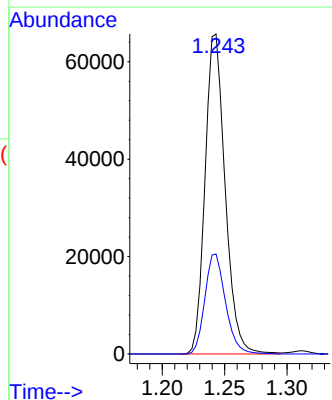
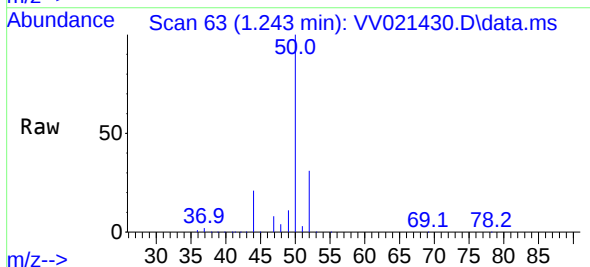
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 ClientSampleId :
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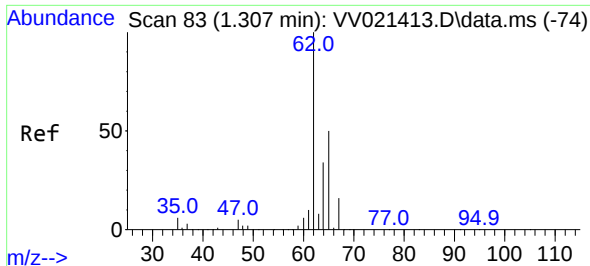
Tgt Ion: 85 Resp: 80767
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.1 39.1



#3
 Chloromethane
 Concen: 5.66 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.006 min
 Lab File: VV021430.D
 Acq: 26 May 2021 16:57

Tgt Ion: 50 Resp: 73731
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.6 42.0

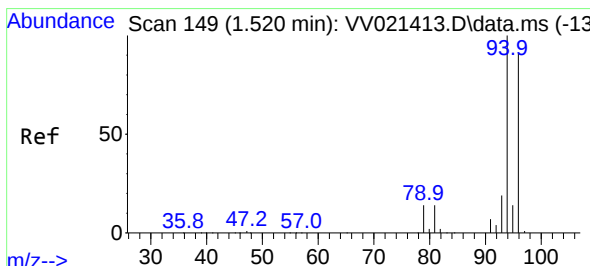
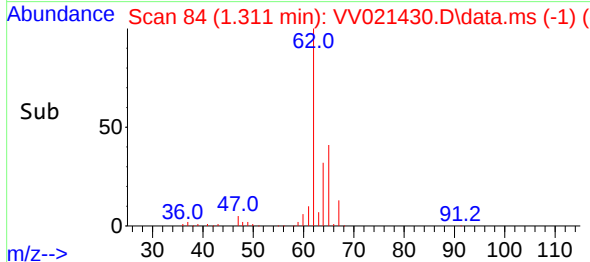
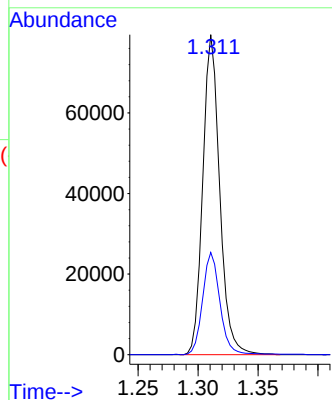
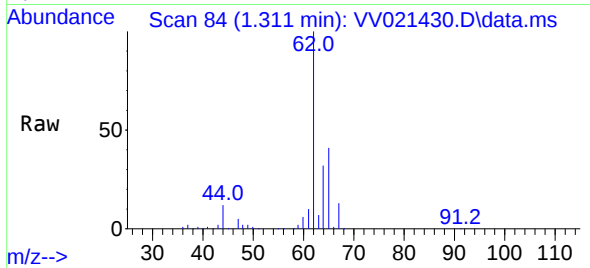




#5
 Vinyl chloride
 Concen: 5.78 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021430.D
 Acq: 26 May 2021 16:57

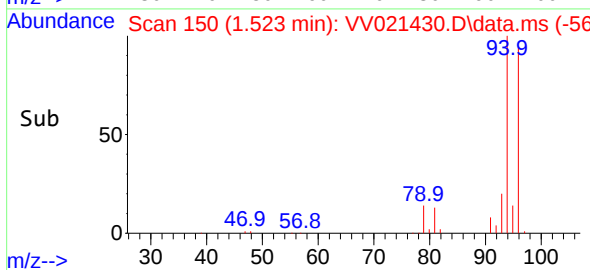
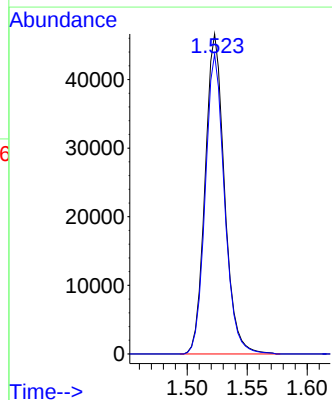
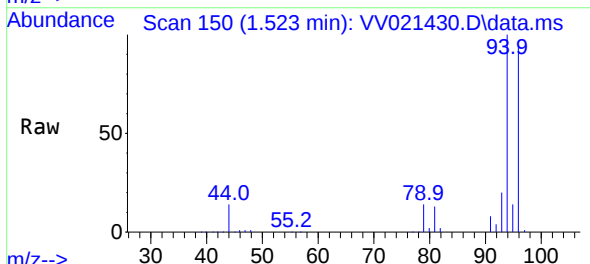
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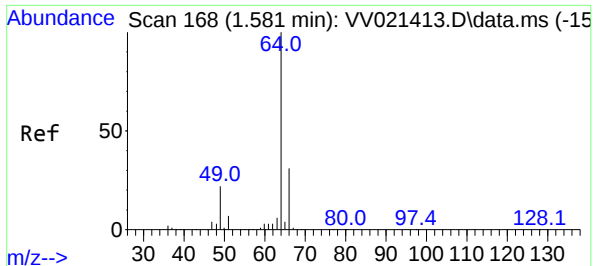
Tgt Ion: 62 Resp: 78141
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.6 42.0



#6
 Bromomethane
 Concen: 5.92 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV021430.D
 Acq: 26 May 2021 16:57

Tgt Ion: 94 Resp: 52458
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.9 122.3

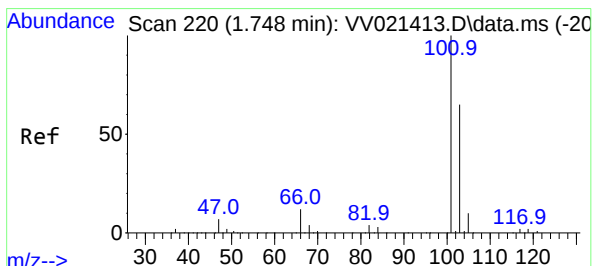
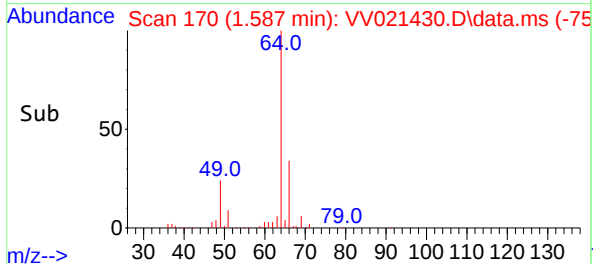
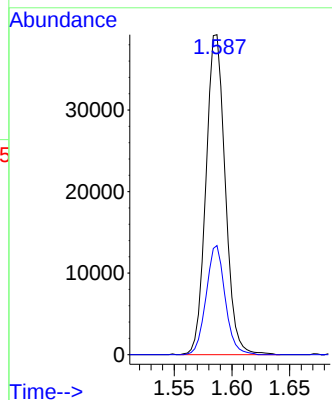
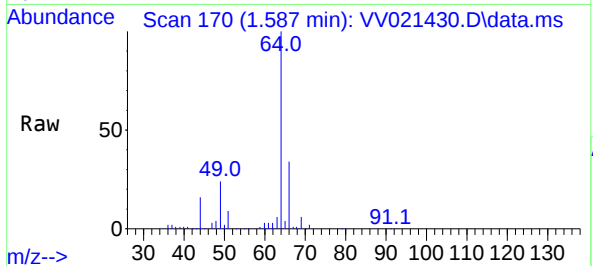




#8
Chloroethane
Concen: 5.59 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

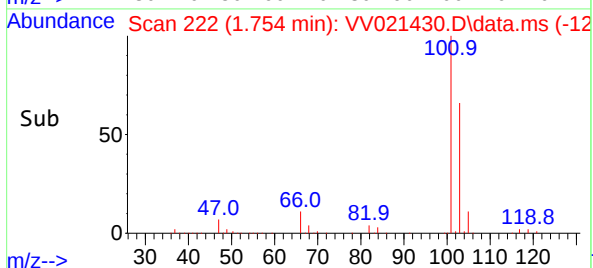
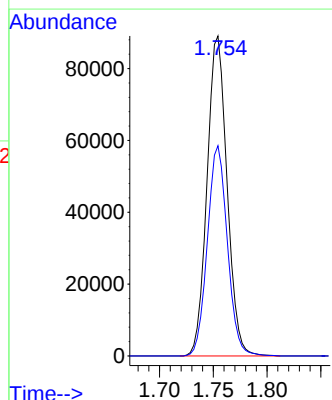
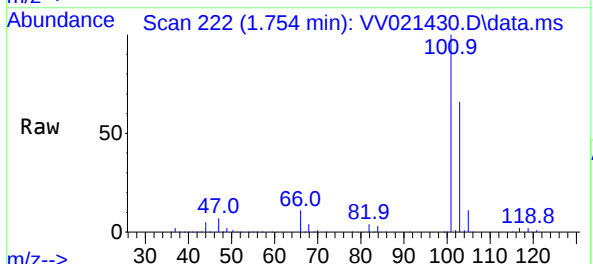
Instrument :
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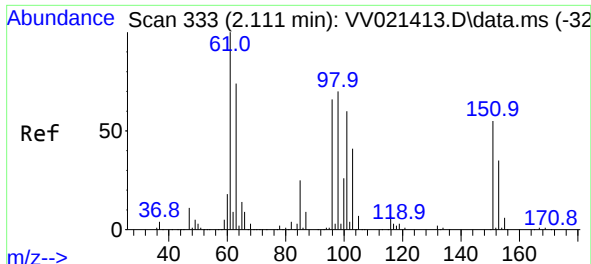
Tgt Ion: 64 Resp: 45598
Ion Ratio Lower Upper
64 100
66 34.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.53 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion:101 Resp: 115445
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0

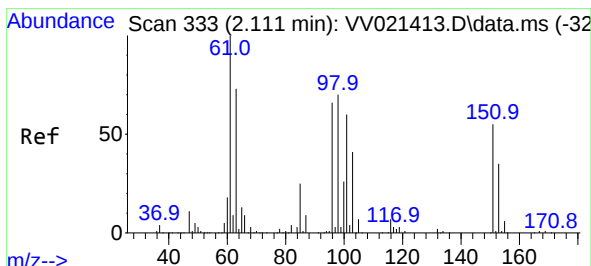
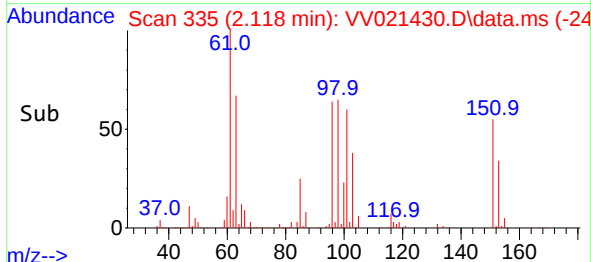
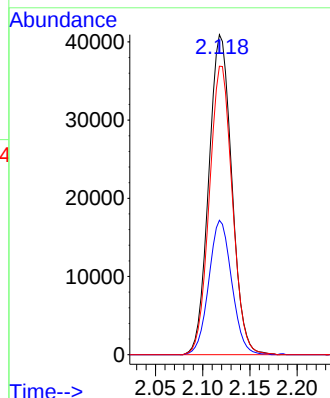
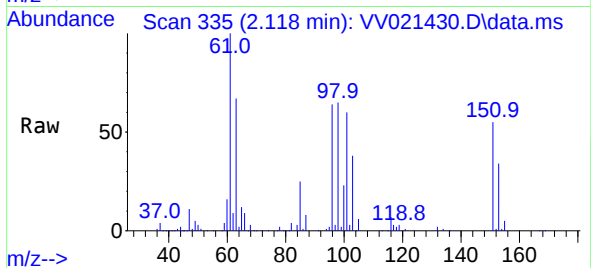




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.96 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.006 min
 Lab File: VV021430.D
 Acq: 26 May 2021 16:57

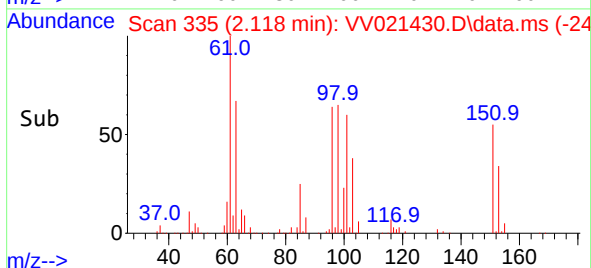
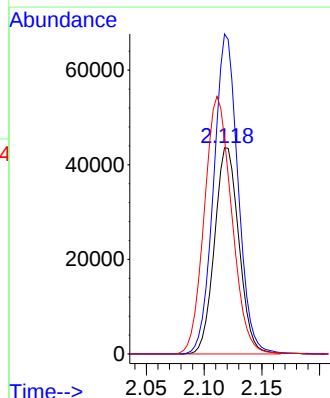
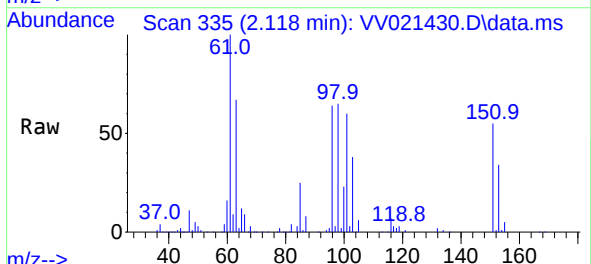
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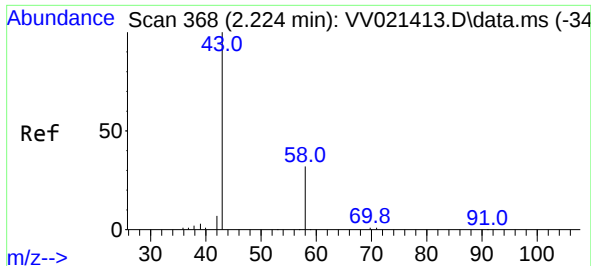
Tgt Ion:101 Resp: 69292
 Ion Ratio Lower Upper
 101 100
 85 41.9 32.6 48.8
 151 90.0 70.7 106.1



#12
 1,1-Dichloroethene
 Concen: 5.84 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.006 min
 Lab File: VV021430.D
 Acq: 26 May 2021 16:57

Tgt Ion: 96 Resp: 64077
 Ion Ratio Lower Upper
 96 100
 61 155.2 103.7 192.5
 63 104.5 62.4 115.8

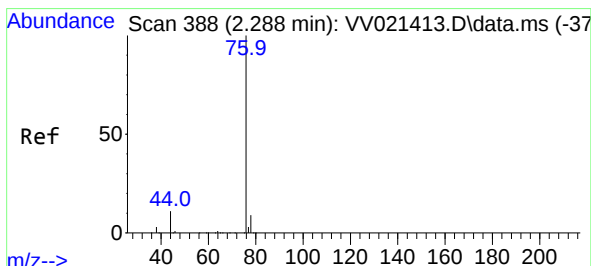
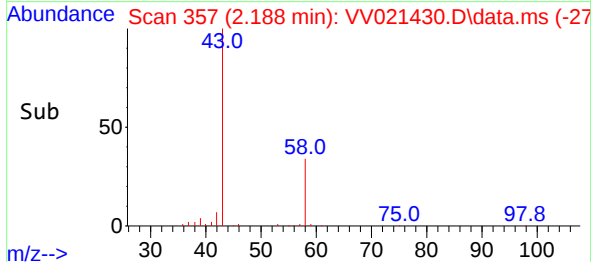
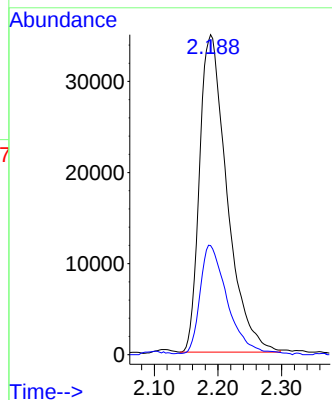
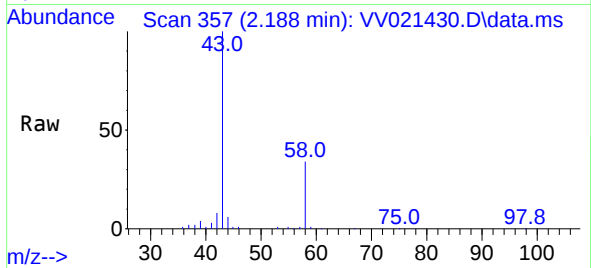




#13
Acetone
Concen: 55.11 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.035 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

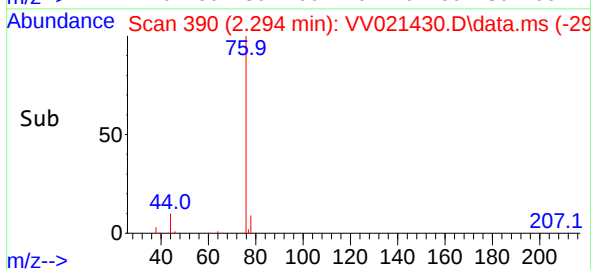
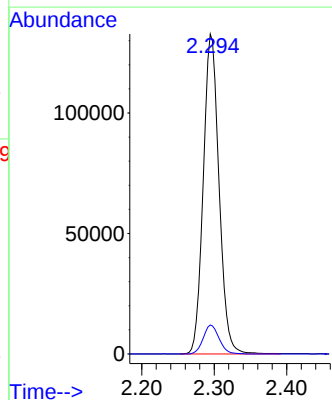
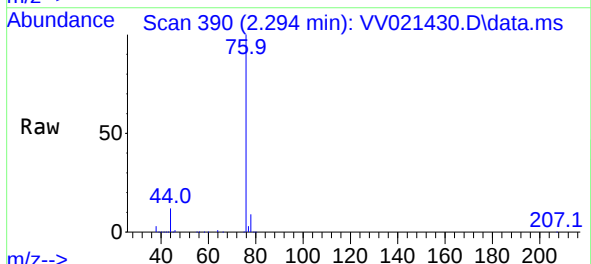
Instrument :
MSVOA_V
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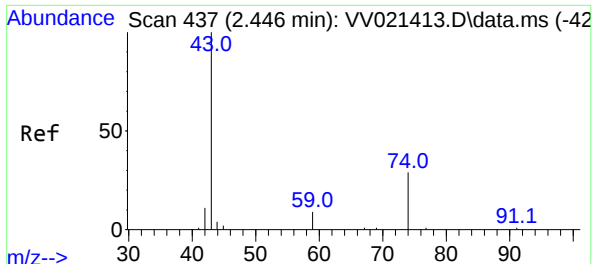
Tgt Ion: 43 Resp: 104538
Ion Ratio Lower Upper
43 100
58 34.8 0.0 18.6#



#14
Carbon disulfide
Concen: 5.43 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 76 Resp: 200186
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

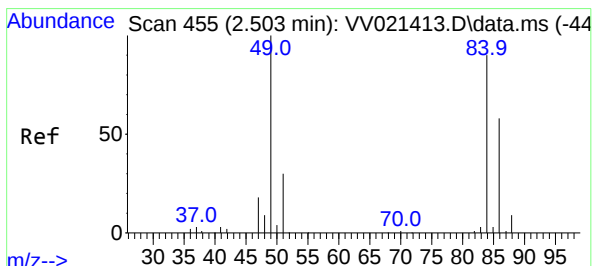
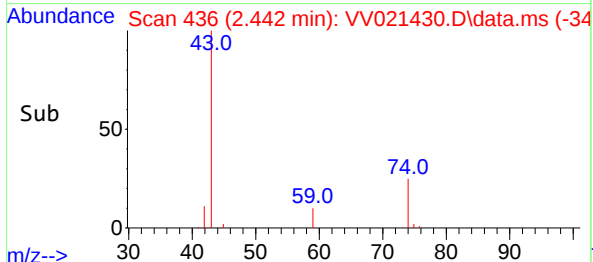
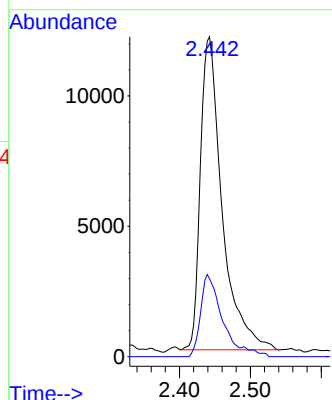
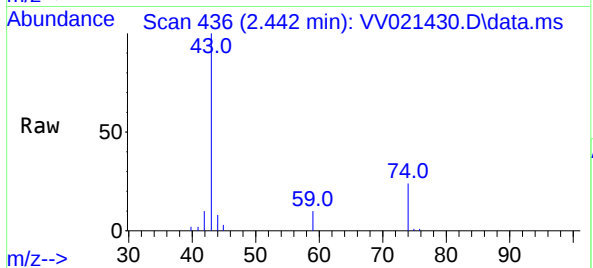




#15
Methyl Acetate
Concen: 5.71 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

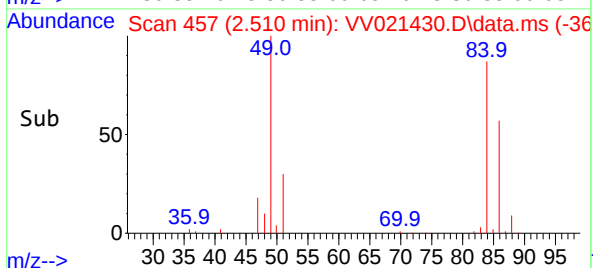
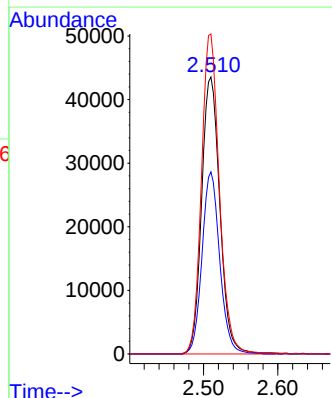
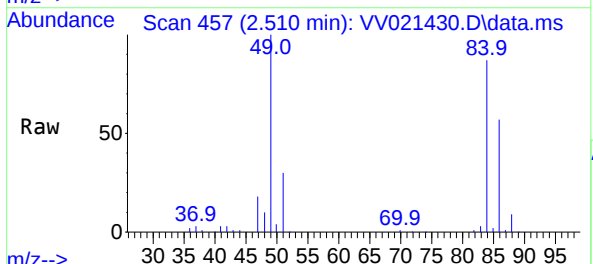
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

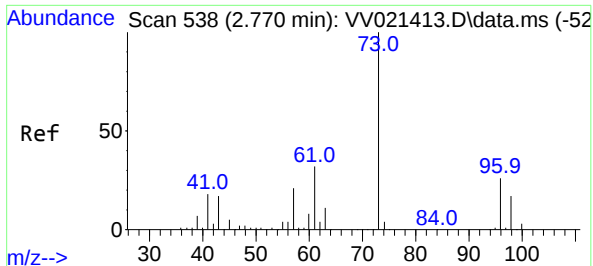
Tgt Ion: 43 Resp: 25575
Ion Ratio Lower Upper
43 100
74 26.5 18.8 28.2



#16
Methylene chloride
Concen: 4.11 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 84 Resp: 74177
Ion Ratio Lower Upper
84 100
86 65.7 44.7 82.9
49 115.5 82.7 153.5



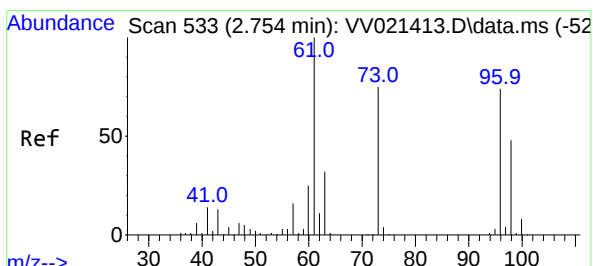
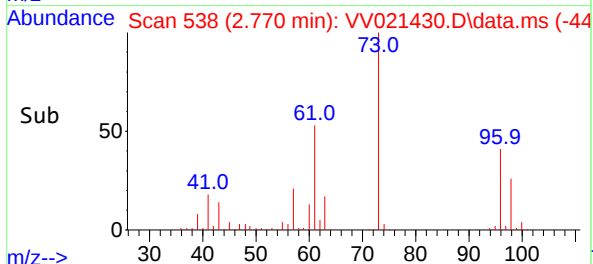
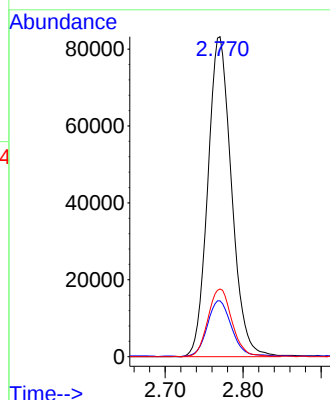
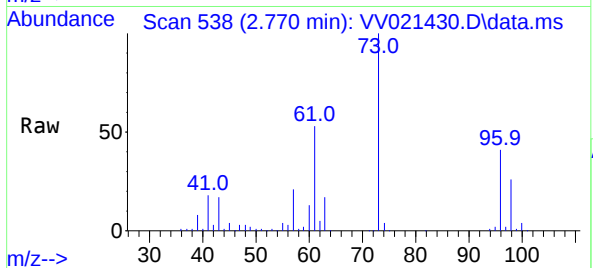


#17
Methyl tert-butyl Ether
Concen: 5.56 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

Tgt Ion: 73 Resp: 176182

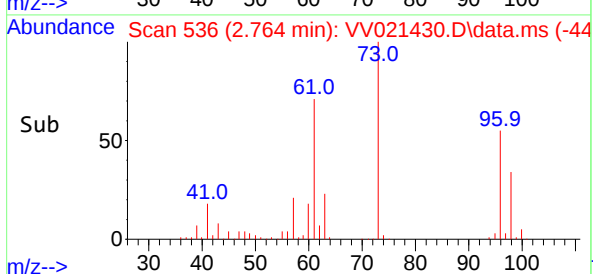
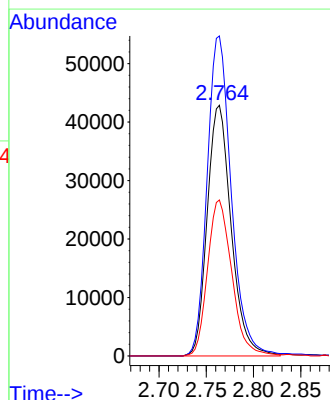
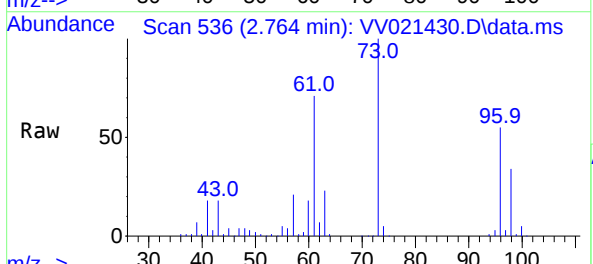
Ion	Ratio	Lower	Upper
73	100		
43	18.1	13.4	20.2
57	21.4	17.8	26.8

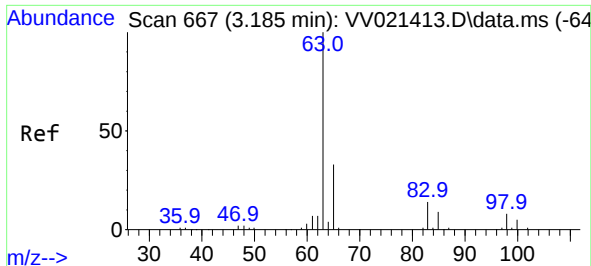


#18
trans-1,2-Dichloroethene
Concen: 5.53 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 96 Resp: 75704

Ion	Ratio	Lower	Upper
96	100		
61	127.6	88.7	164.7
98	62.2	44.4	82.4



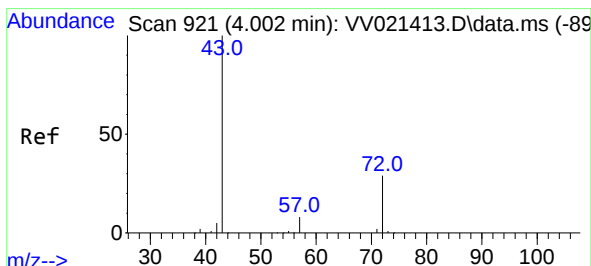
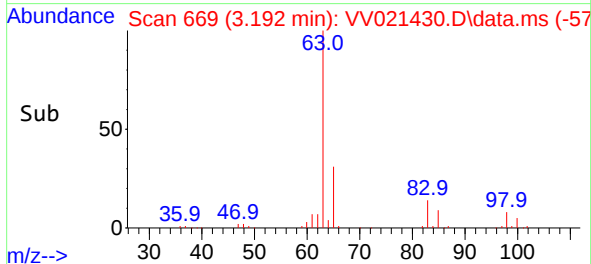
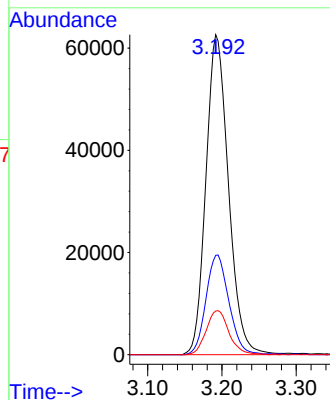
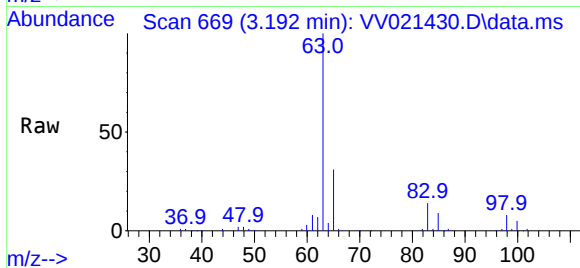


#19
1,1-Dichloroethane
Concen: 5.46 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

Tgt Ion: 63 Resp: 132042

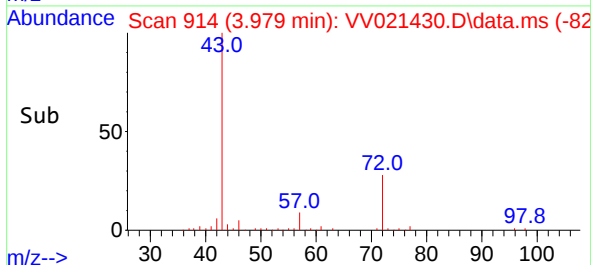
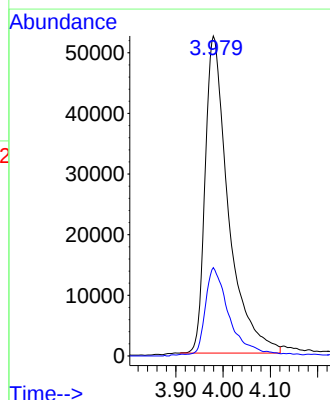
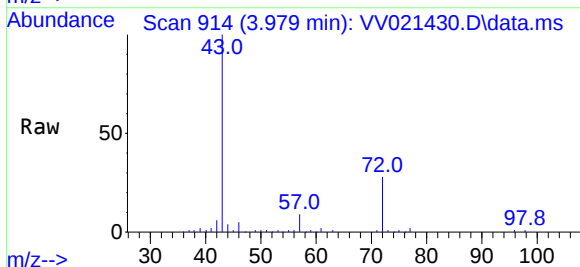
Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.2	43.2
83	13.6	9.4	17.4

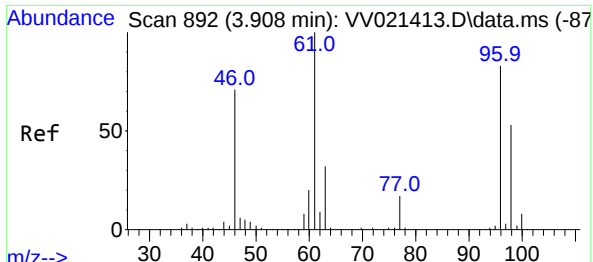


#21
2-Butanone
Concen: 55.25 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.022 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 43 Resp: 178539

Ion	Ratio	Lower	Upper
43	100		
72	26.8	10.7	31.9

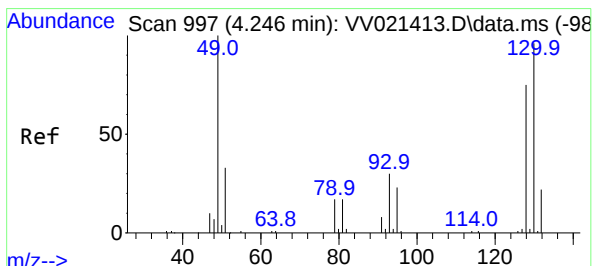
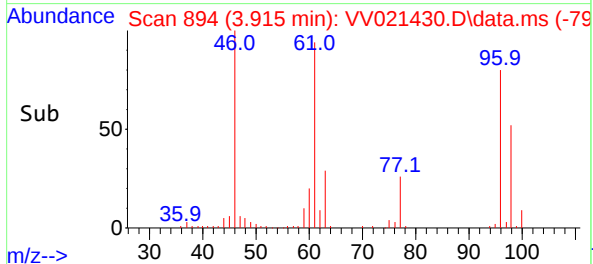
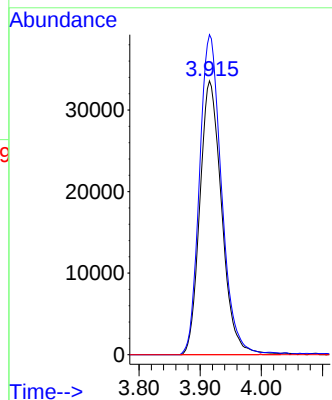
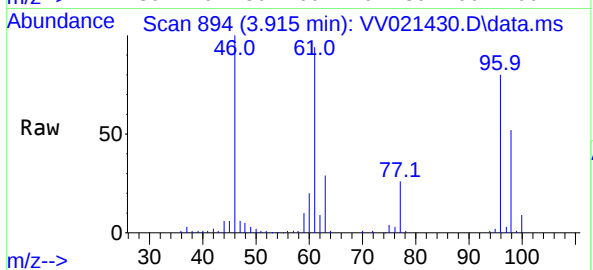




#22
cis-1,2-Dichloroethene
Concen: 5.59 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

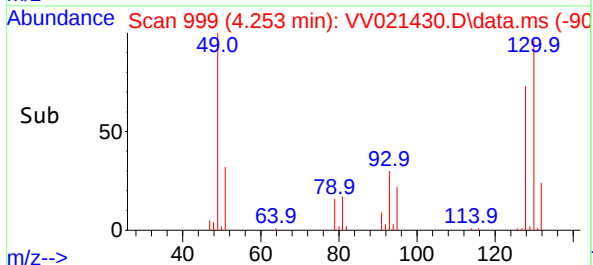
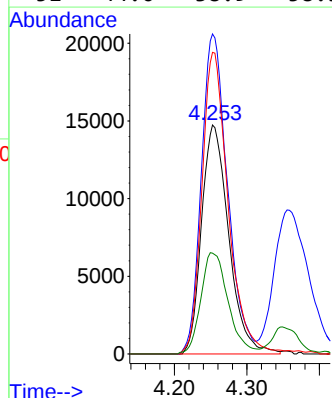
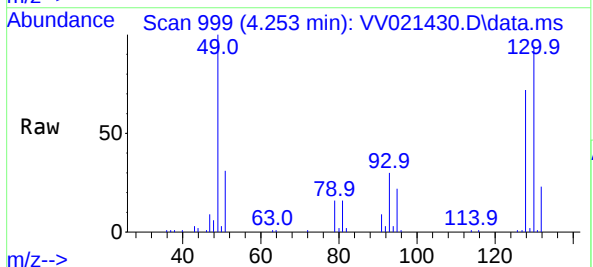
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

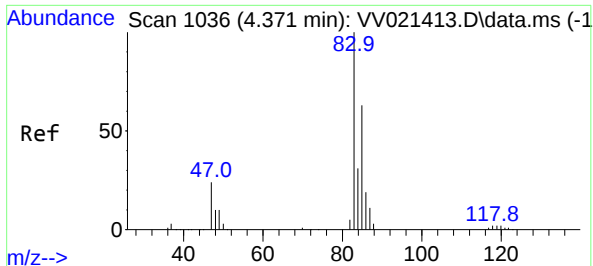
Tgt Ion: 96 Resp: 83279
Ion Ratio Lower Upper
96 100
61 116.9 81.9 152.1
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.72 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion:128 Resp: 38304
Ion Ratio Lower Upper
128 100
49 139.8 102.3 190.1
130 131.8 94.3 175.1
51 44.0 38.9 58.3



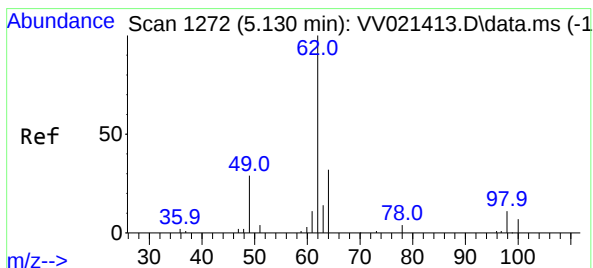
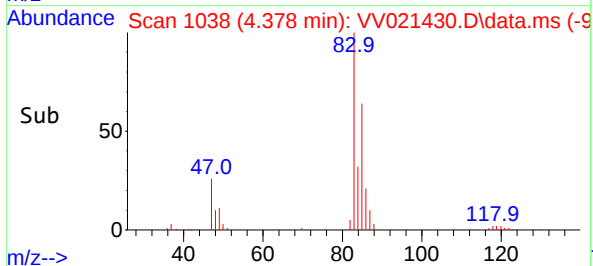
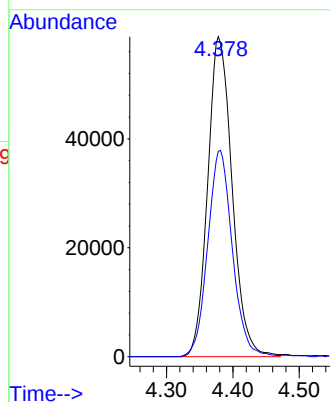
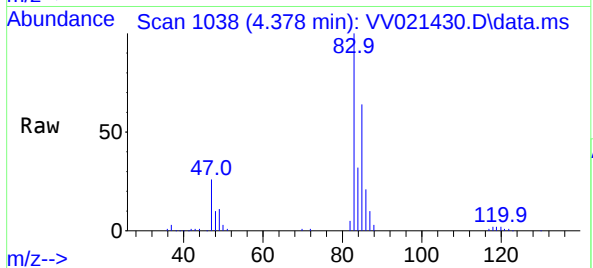


#25

Chloroform
Concen: 6.07 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

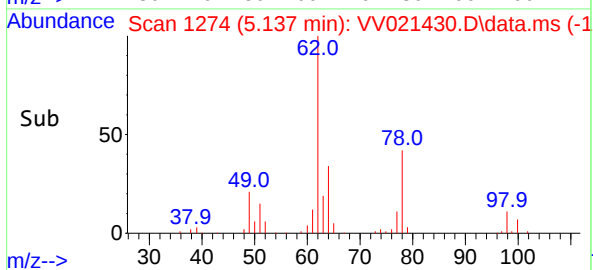
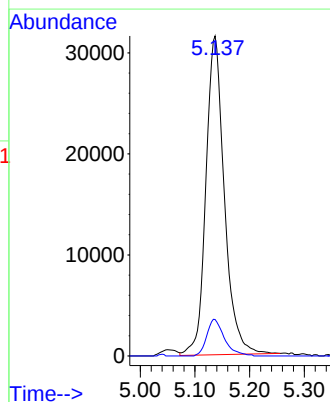
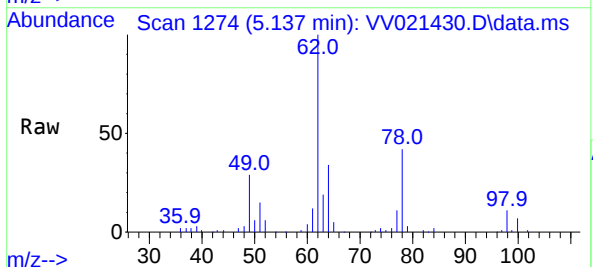
Tgt Ion: 83 Resp: 150476
Ion Ratio Lower Upper
83 100
85 64.2 45.8 85.2

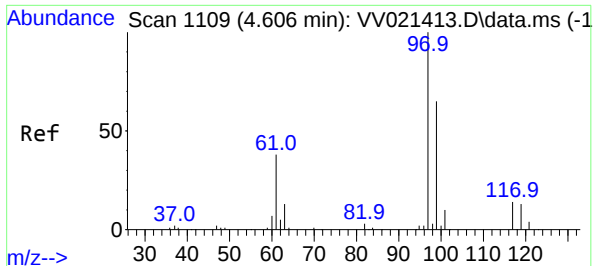


#27

1,2-Dichloroethane
Concen: 5.52 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 62 Resp: 73973
Ion Ratio Lower Upper
62 100
98 11.4 8.4 12.6

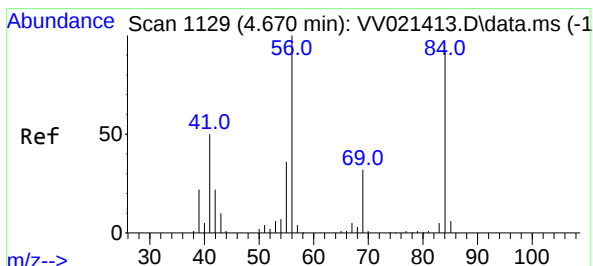
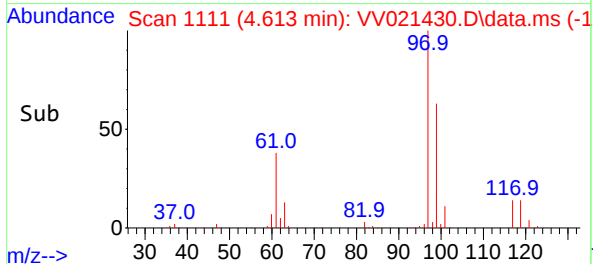
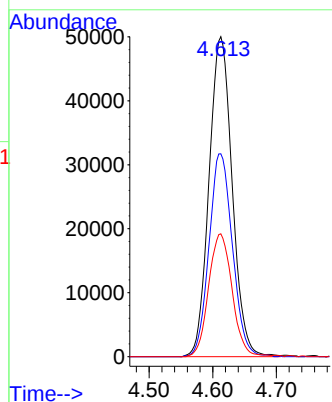
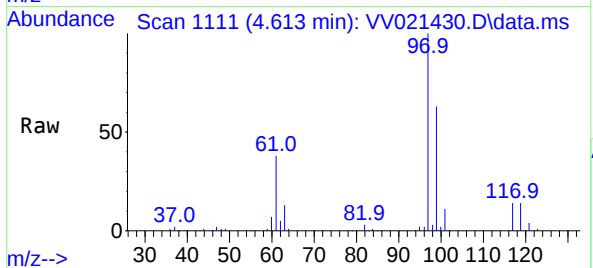




#29
1,1,1-Trichloroethane
Concen: 5.43 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

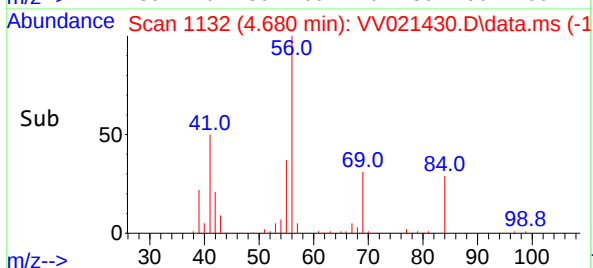
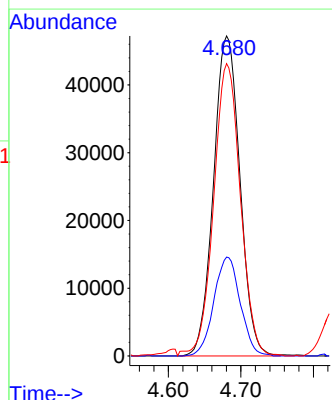
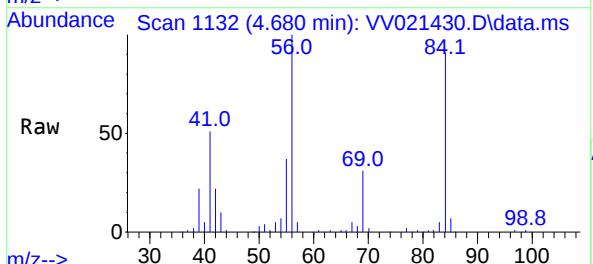
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

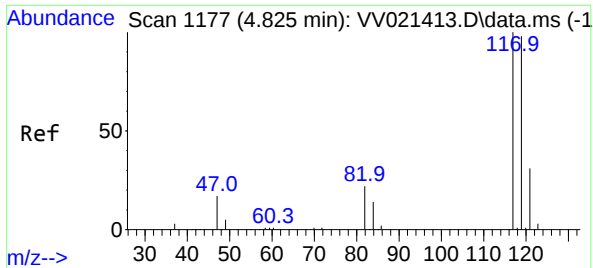
Tgt Ion: 97 Resp: 126452
Ion Ratio Lower Upper
97 100
99 64.2 50.6 75.8
61 39.0 30.4 45.6



#30
Cyclohexane
Concen: 5.21 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.010 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 56 Resp: 119445
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 92.5 72.7 109.1

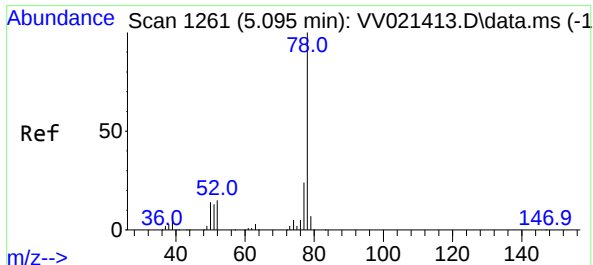
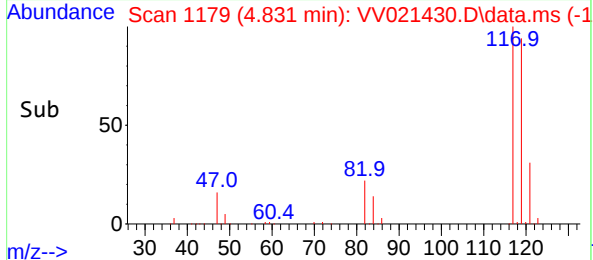
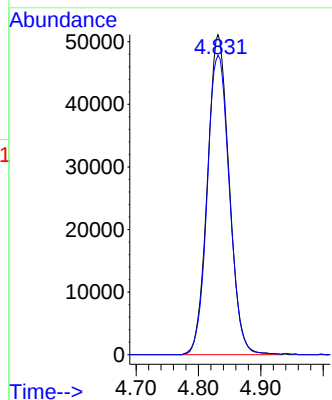
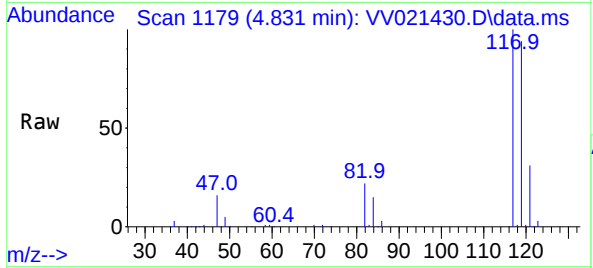




#31
Carbon tetrachloride
Concen: 5.84 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

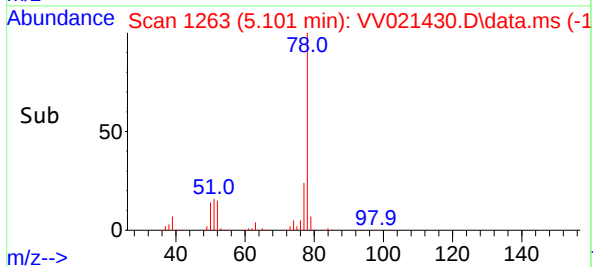
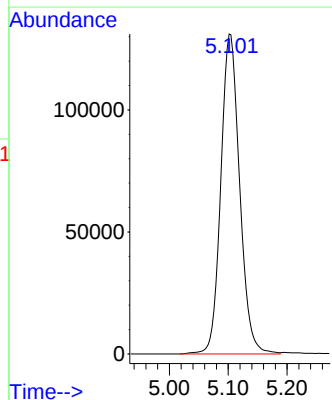
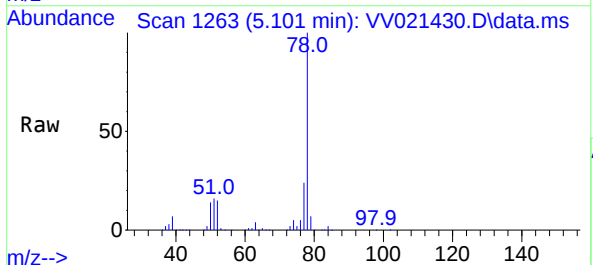
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

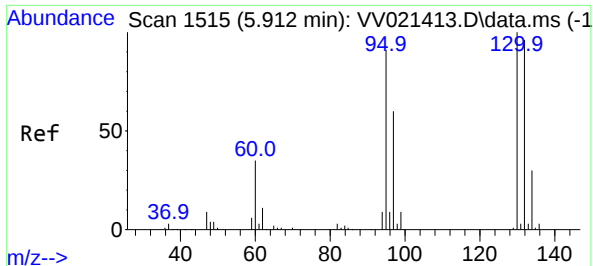
Tgt Ion:117 Resp: 123513
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6



#33
Benzene
Concen: 5.39 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 78 Resp: 291703

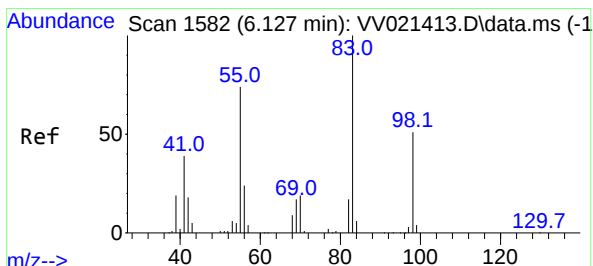
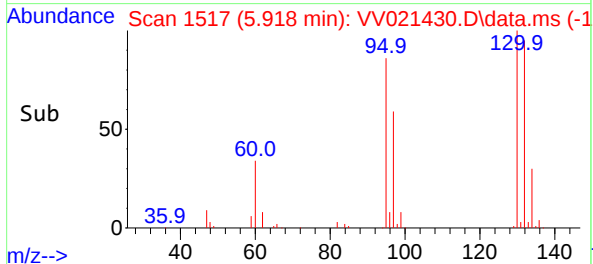
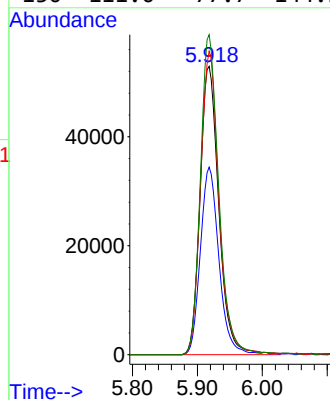
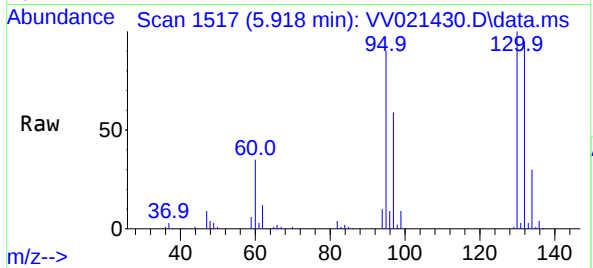




#34
Trichloroethene
Concen: 7.15 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

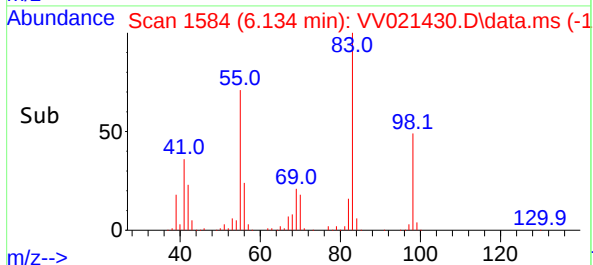
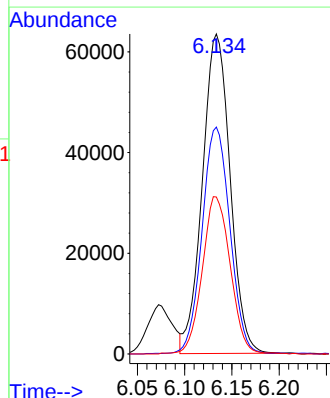
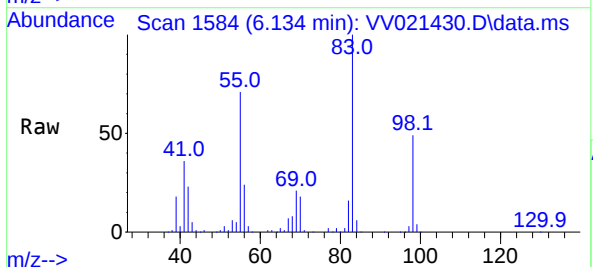
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

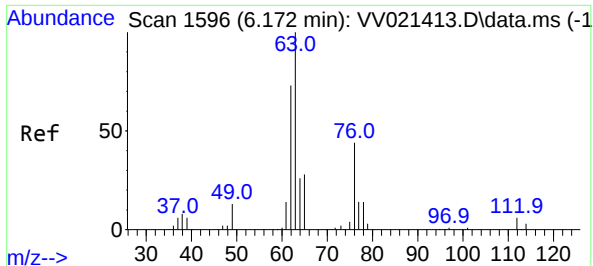
Tgt Ion: 95 Resp: 106344
Ion Ratio Lower Upper
95 100
97 65.1 45.4 84.4
132 105.3 74.5 138.3
130 111.0 77.7 144.3



#35
Methylcyclohexane
Concen: 5.29 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 83 Resp: 129586
Ion Ratio Lower Upper
83 100
55 70.9 57.7 86.5
98 49.7 40.6 61.0

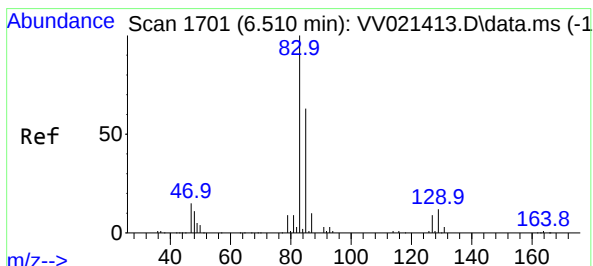
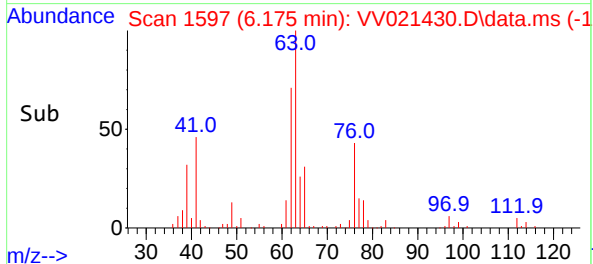
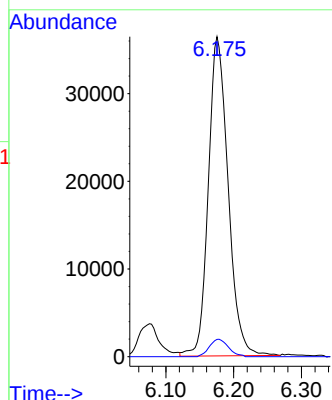
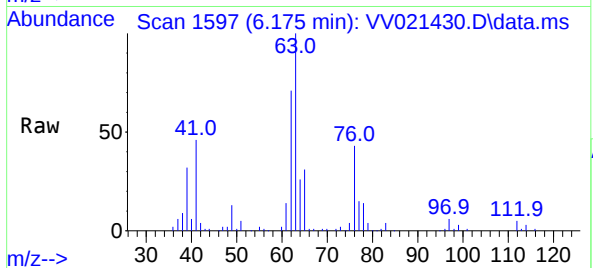




#37
1,2-Dichloropropane
Concen: 5.49 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

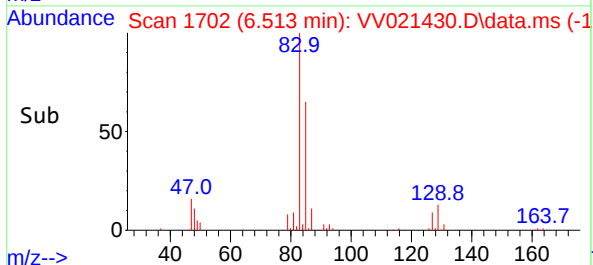
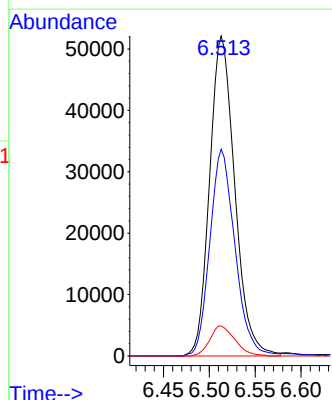
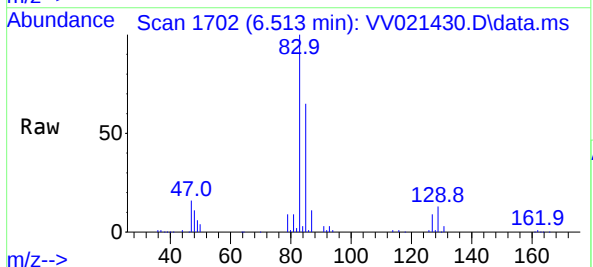
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

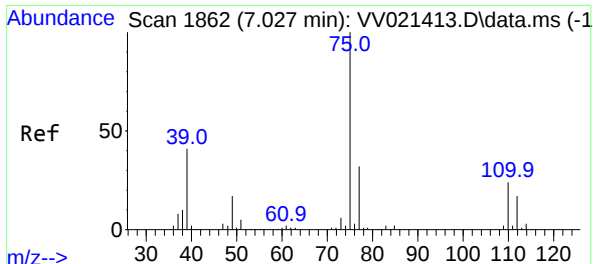
Tgt Ion: 63 Resp: 73783
Ion Ratio Lower Upper
63 100
112 5.3 3.8 5.8



#38
Bromodichloromethane
Concen: 5.42 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 83 Resp: 99513
Ion Ratio Lower Upper
83 100
85 64.6 46.2 85.8
127 9.4 7.3 10.9

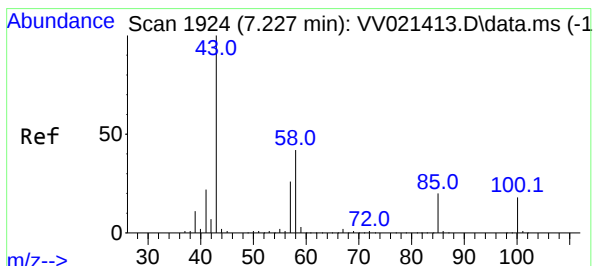
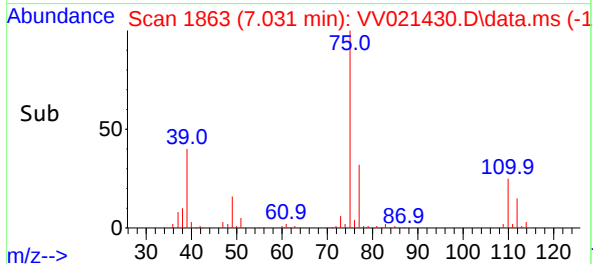
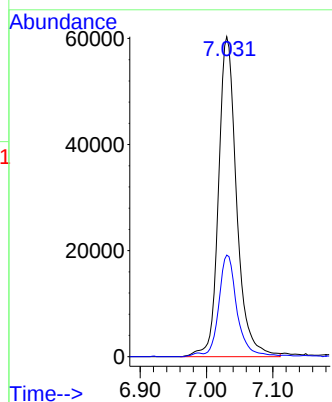
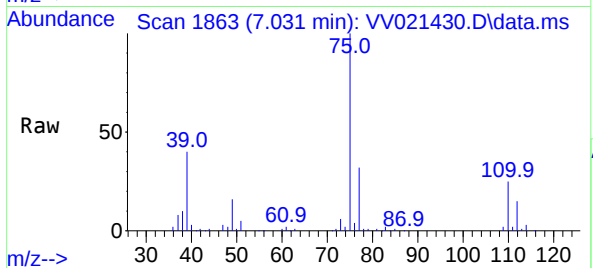




#39
cis-1,3-Dichloropropene
Concen: 5.32 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

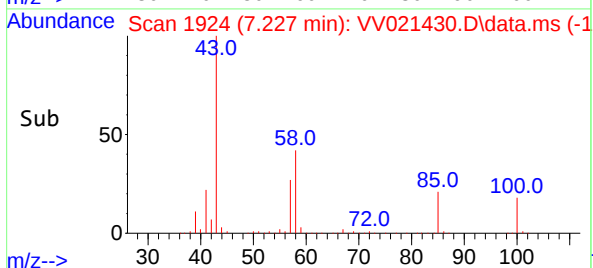
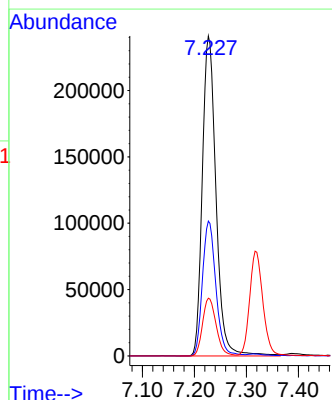
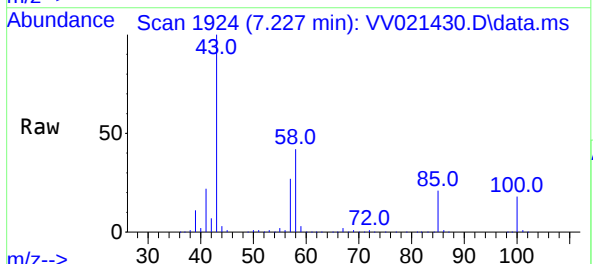
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

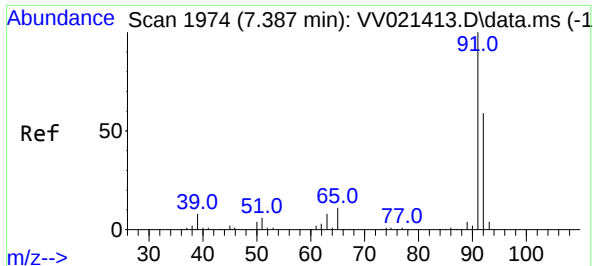
Tgt Ion: 75 Resp: 114462
Ion Ratio Lower Upper
75 100
77 31.7 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 53.59 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 43 Resp: 440739
Ion Ratio Lower Upper
43 100
58 41.4 33.9 50.9
100 17.9 14.2 21.4





#42

Toluene

Concen: 5.51 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021430.D

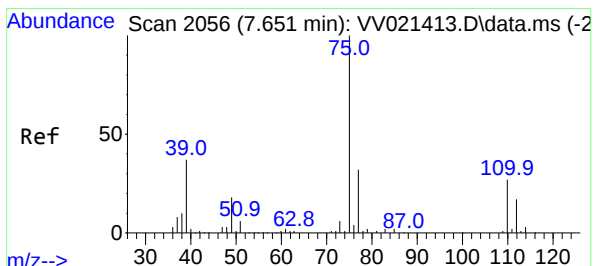
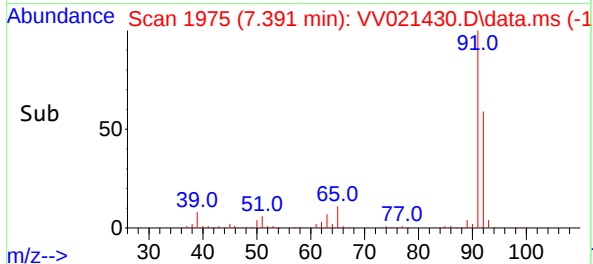
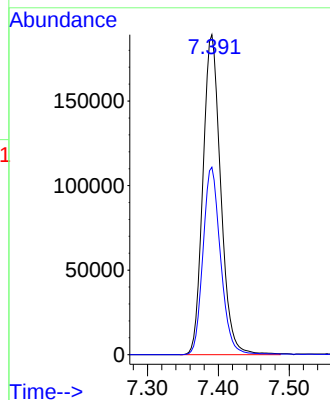
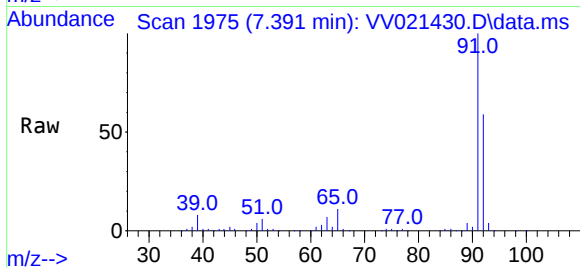
Acq: 26 May 2021 16:57

Tgt Ion: 91 Resp: 329954

Ion Ratio Lower Upper

91 100

92 58.6 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 5.53 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV021430.D

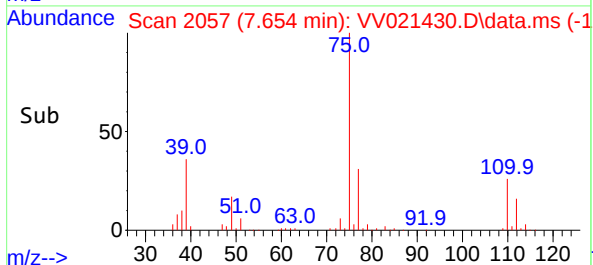
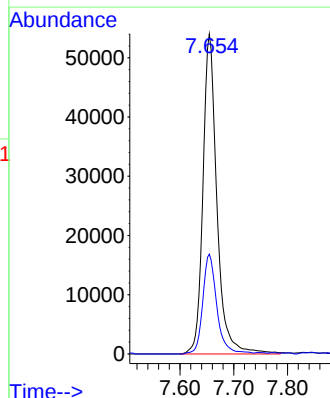
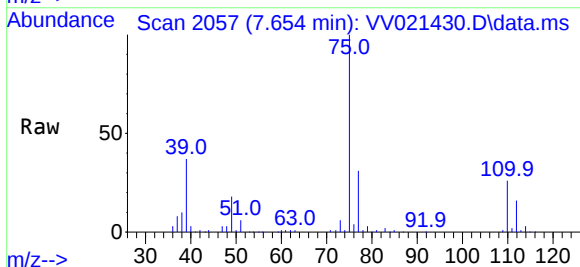
Acq: 26 May 2021 16:57

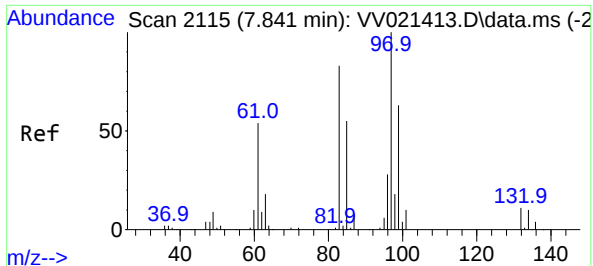
Tgt Ion: 75 Resp: 97776

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2



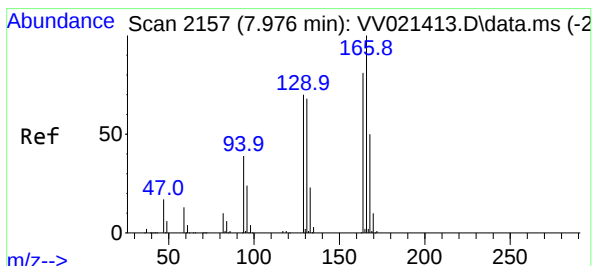
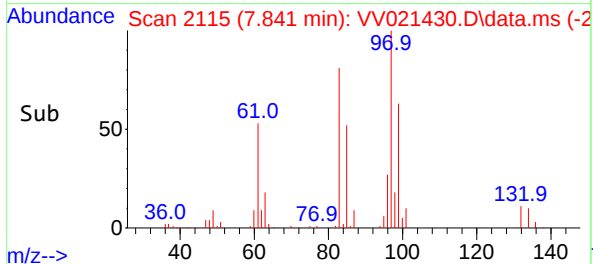
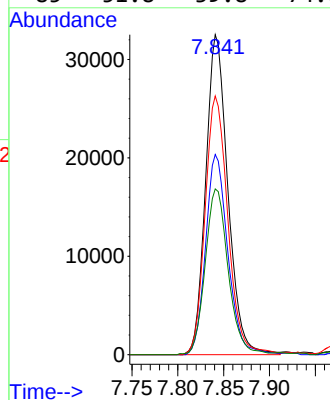
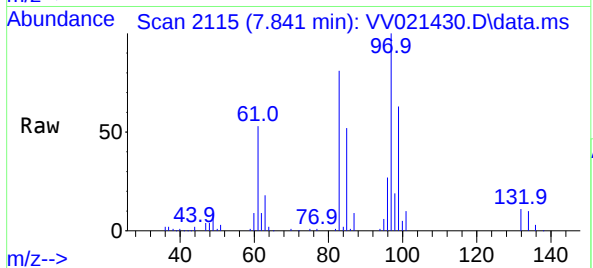


#45
1,1,2-Trichloroethane
Concen: 5.51 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

Tgt Ion: 97 Resp: 54768

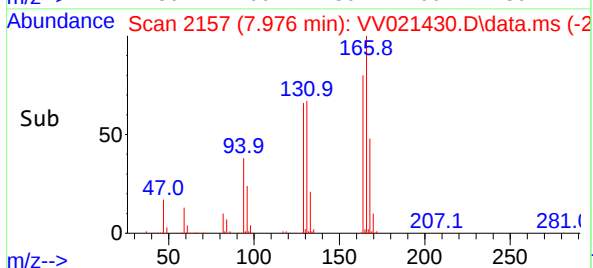
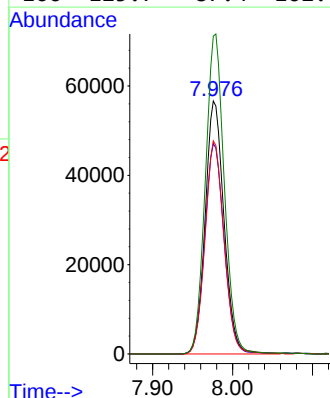
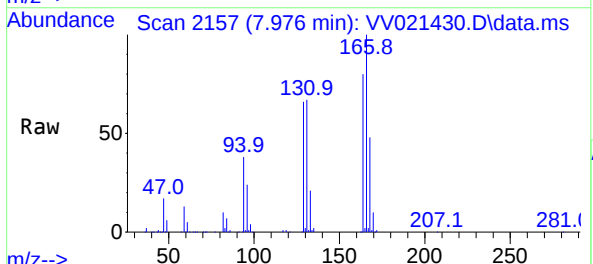
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.0	81.8
83	80.8	59.0	109.6
85	51.8	39.8	74.0

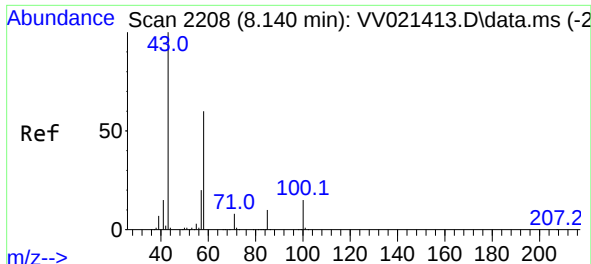


#47
Tetrachloroethene
Concen: 6.85 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 164 Resp: 92952

Ion	Ratio	Lower	Upper
164	100		
129	83.1	61.8	114.8
131	84.3	57.8	107.4
166	125.7	87.4	162.4



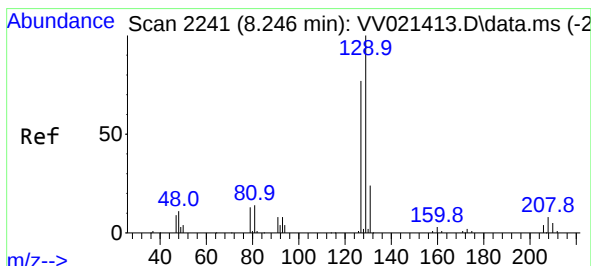
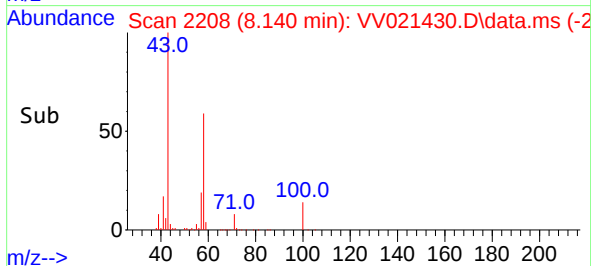
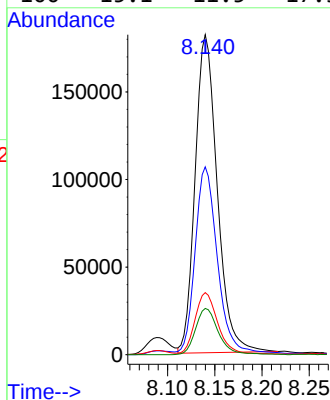
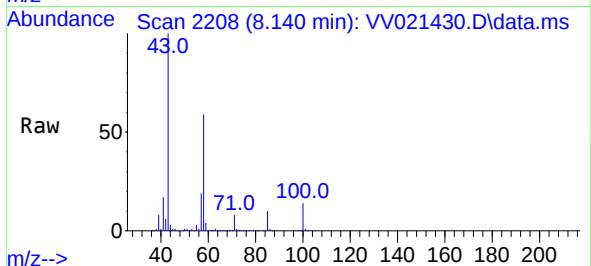


#48
2-Hexanone
Concen: 52.90 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

Tgt Ion: 43 Resp: 295743

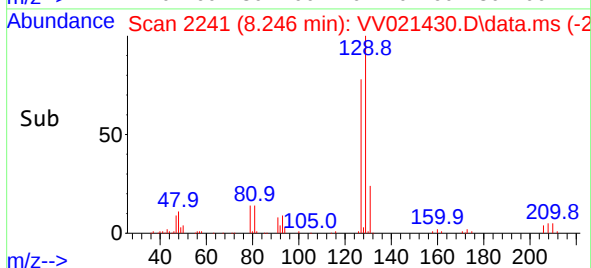
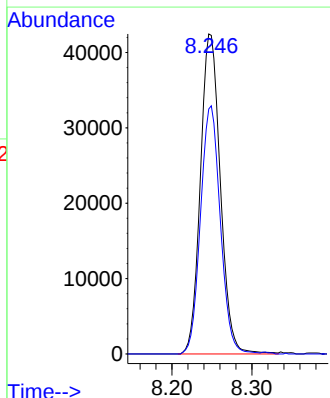
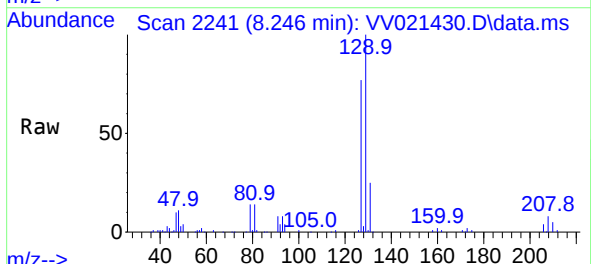
Ion	Ratio	Lower	Upper
43	100		
58	59.3	47.0	70.4
57	19.9	15.4	23.2
100	15.1	11.5	17.3

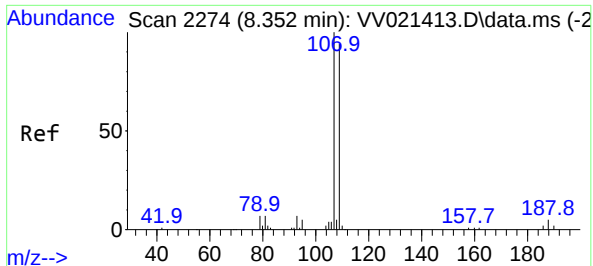


#49
Dibromochloromethane
Concen: 5.47 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 129 Resp: 73750

Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.4	103.0





#50

1,2-Dibromoethane

Concen: 5.45 ug/L

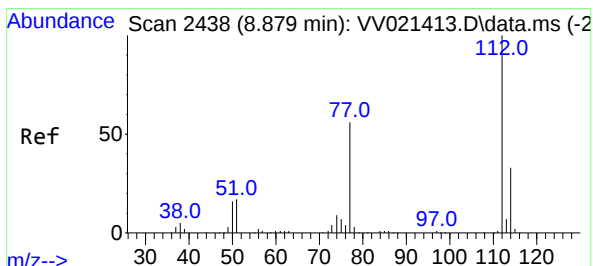
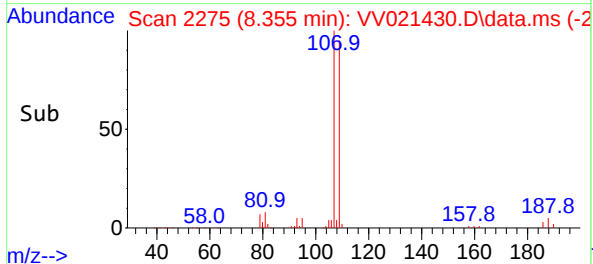
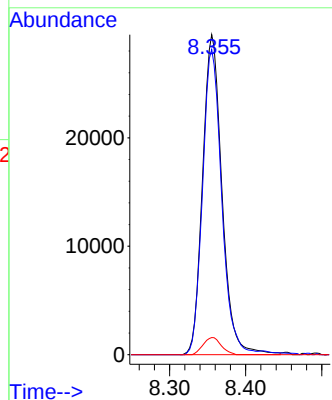
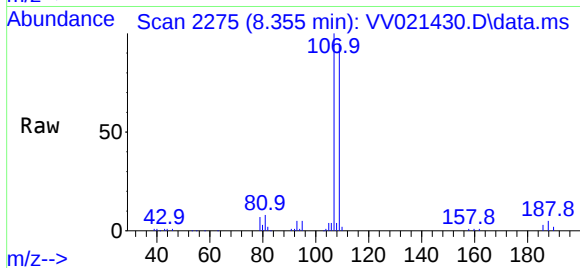
RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV021430.D

Acq: 26 May 2021 16:57

Tgt Ion:	107	Resp:	52192
Ion	Ratio	Lower	Upper
107	100		
109	95.4	65.3	121.3
188	5.4	3.8	5.6



#51

Chlorobenzene

Concen: 5.52 ug/L

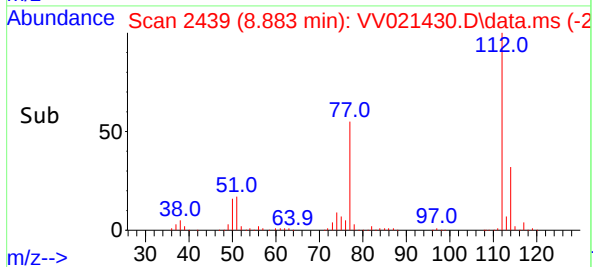
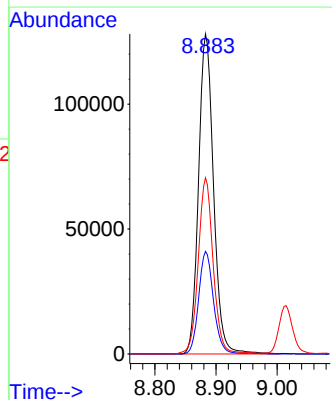
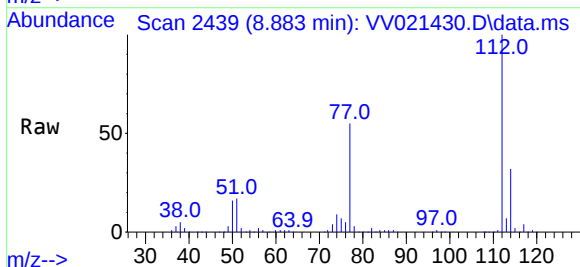
RT: 8.883 min Scan# 2439

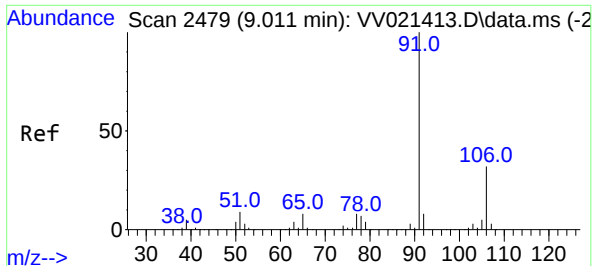
Delta R.T. 0.003 min

Lab File: VV021430.D

Acq: 26 May 2021 16:57

Tgt Ion:	112	Resp:	218330
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	55.1	44.5	66.7

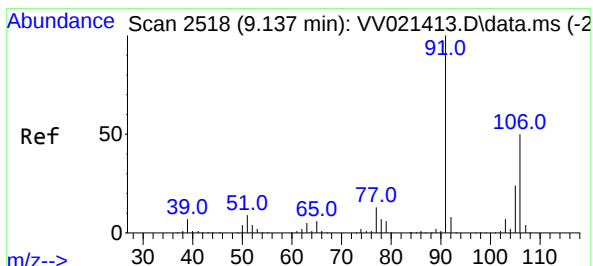
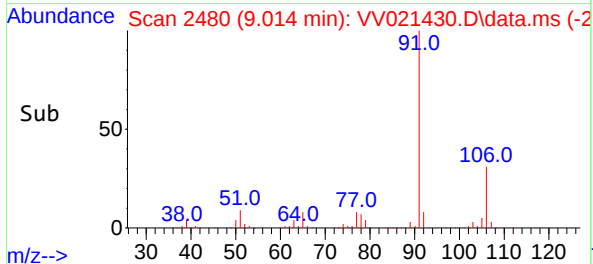
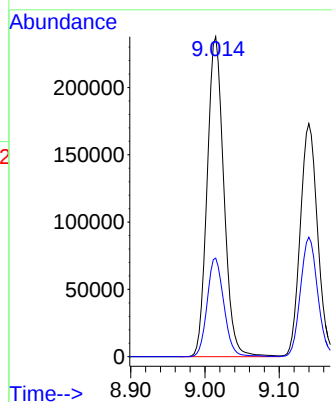
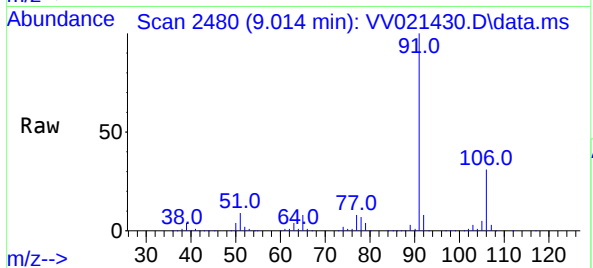




#52
Ethylbenzene
Concen: 5.52 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

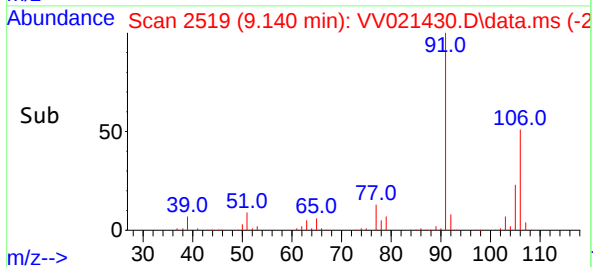
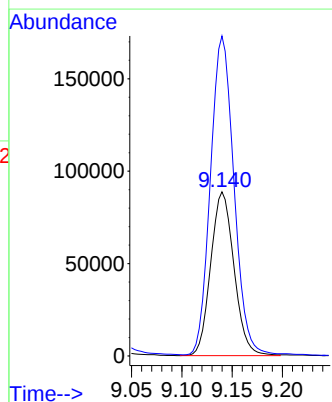
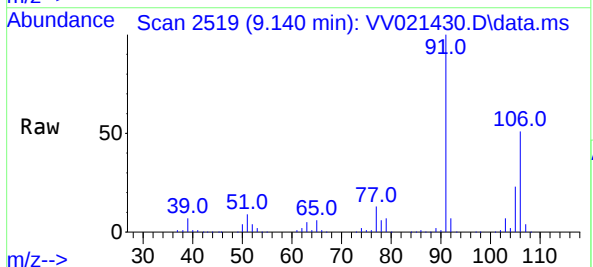
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

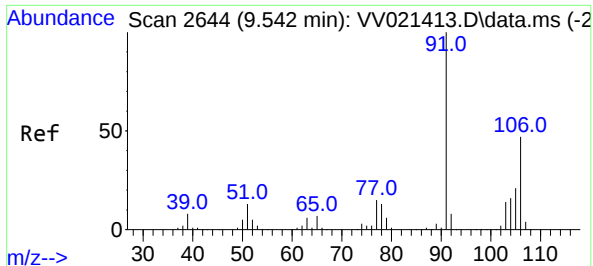
Tgt Ion: 91 Resp: 370225
Ion Ratio Lower Upper
91 100
106 30.8 22.0 41.0



#53
m,p-xylene
Concen: 5.52 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 106 Resp: 142611
Ion Ratio Lower Upper
106 100
91 195.0 140.8 261.4

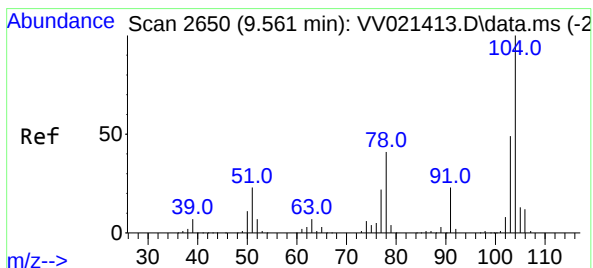
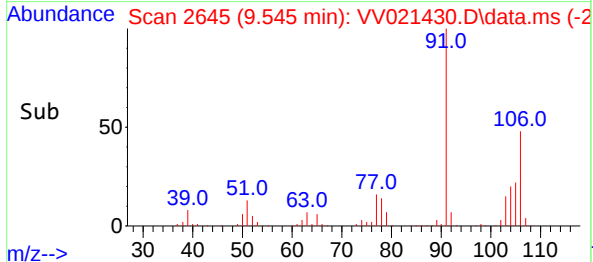
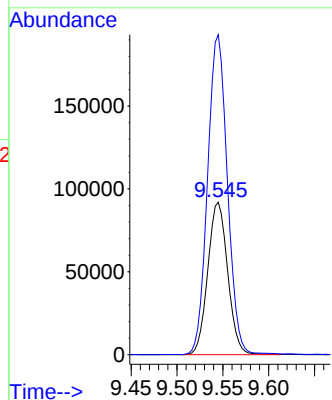
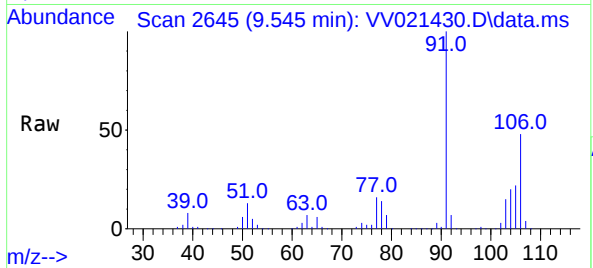




#54
o-xylene
Concen: 5.51 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

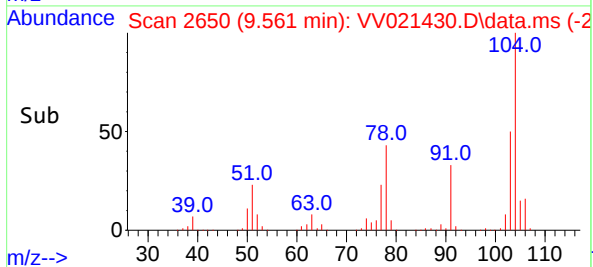
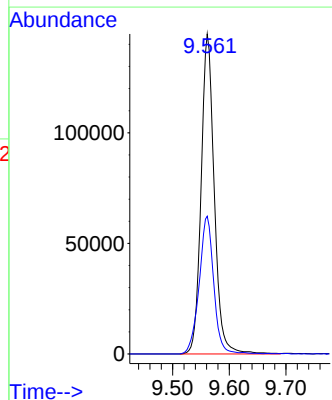
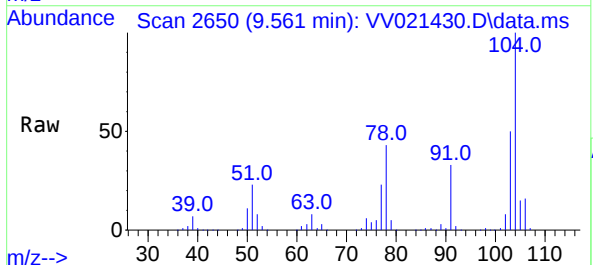
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

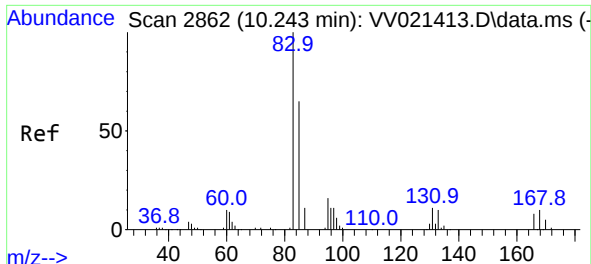
Tgt Ion:106 Resp: 139010
Ion Ratio Lower Upper
106 100
91 209.9 146.7 272.4



#55
Styrene
Concen: 5.49 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion:104 Resp: 233619
Ion Ratio Lower Upper
104 100
78 43.0 29.7 55.1

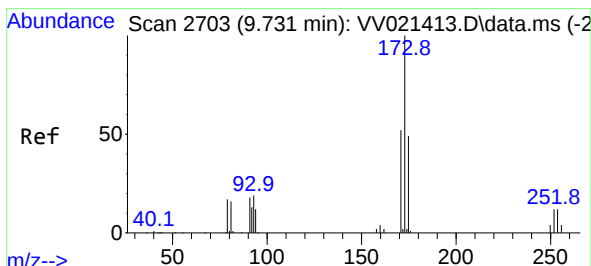
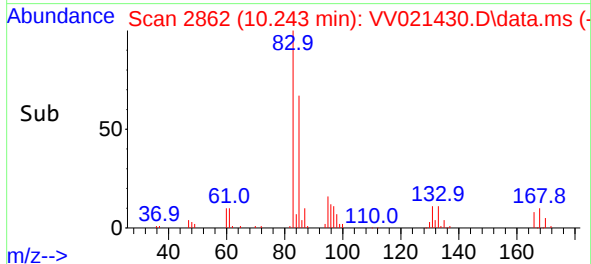
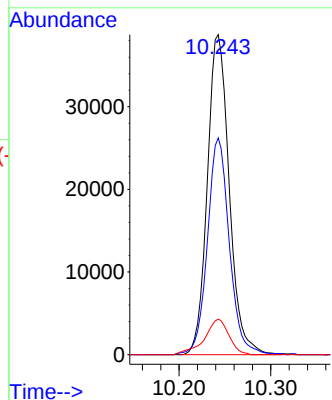
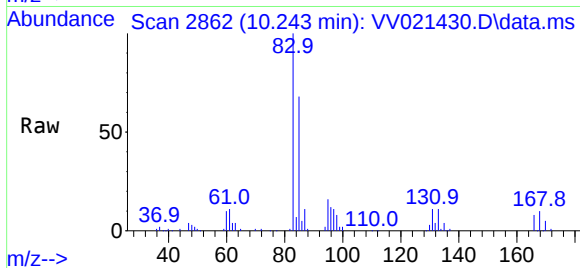




#57
1,1,2,2-Tetrachloroethane
Concen: 5.50 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

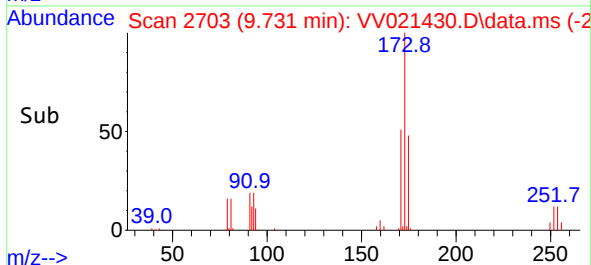
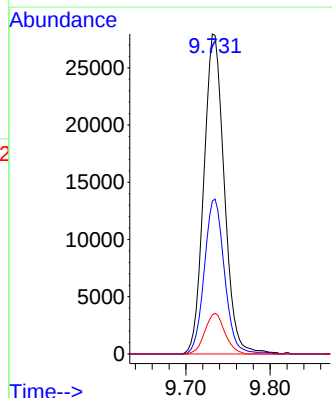
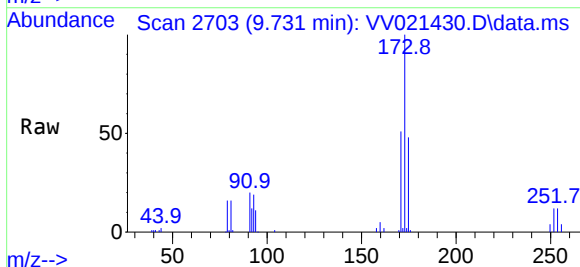
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

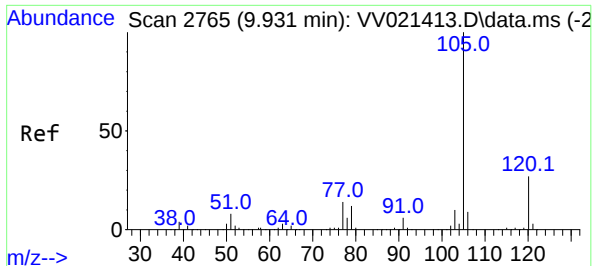
Tgt Ion:	83	Resp:	64346
Ion	Ratio	Lower	Upper
83	100		
85	67.8	43.3	80.3
131	11.1	9.4	14.0



#59
Bromoform
Concen: 5.48 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion:	173	Resp:	47214
Ion	Ratio	Lower	Upper
173	100		
175	47.8	40.2	60.4
254	12.4	9.8	14.8

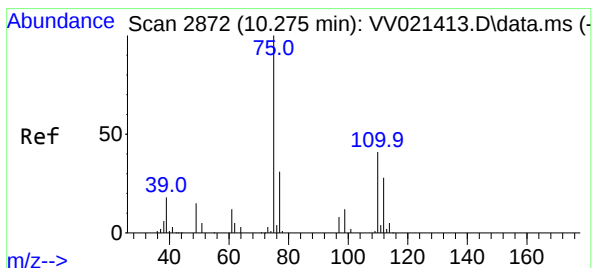
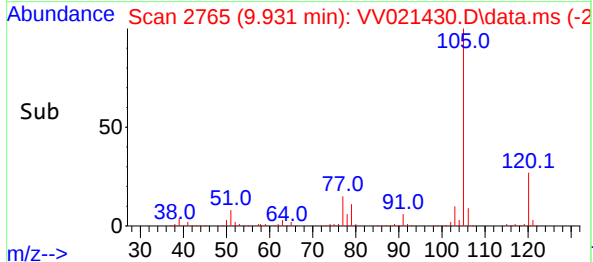
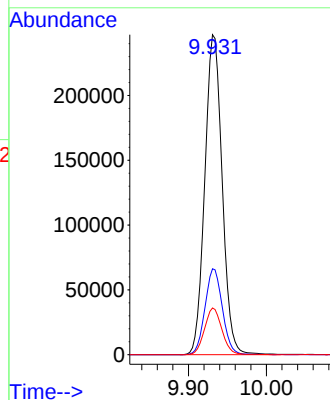
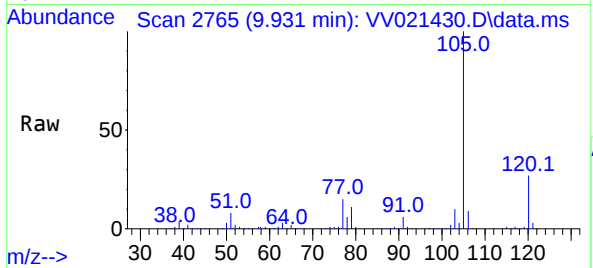




#60
Isopropylbenzene
Concen: 5.43 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

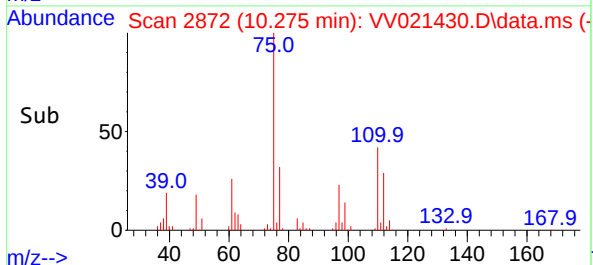
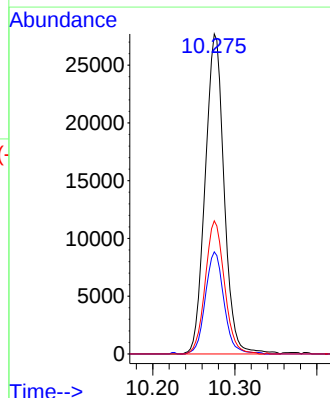
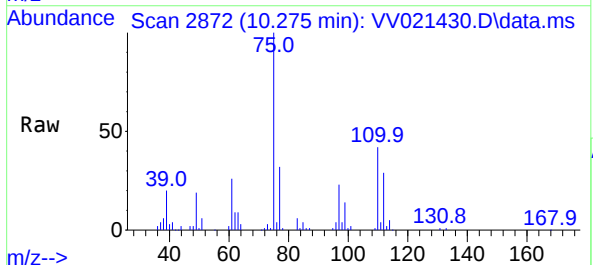
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

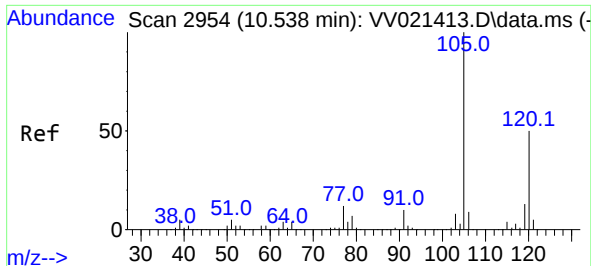
Tgt Ion:105 Resp: 382544
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.8
77 14.5 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 5.25 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 75 Resp: 44421
Ion Ratio Lower Upper
75 100
77 31.4 27.3 40.9
110 42.2 34.2 51.2

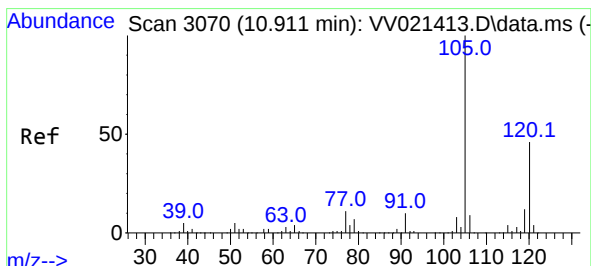
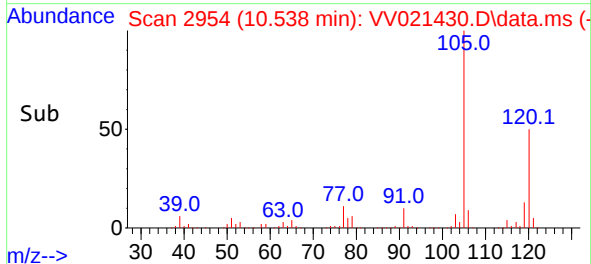
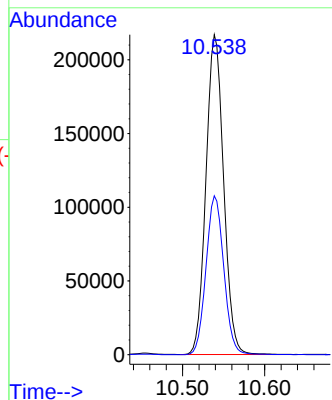
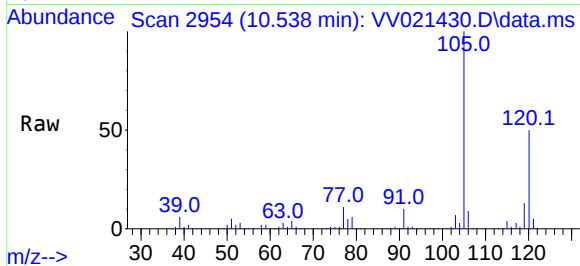




#62
1,3,5-Trimethylbenzene
Concen: 5.40 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

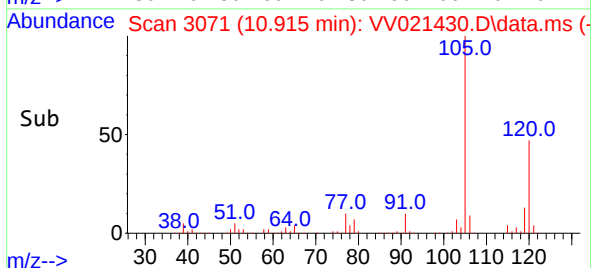
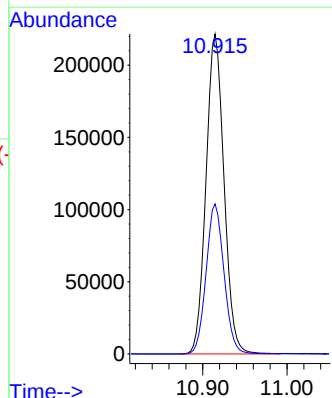
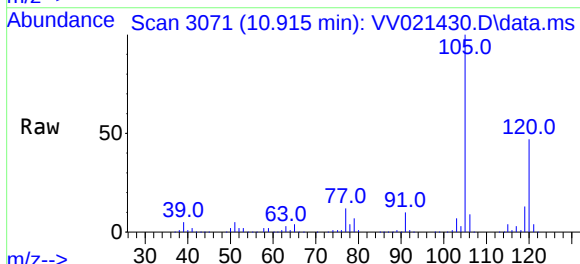
Instrument :
MSVOA_V
ClientSampled :
YARK5MS

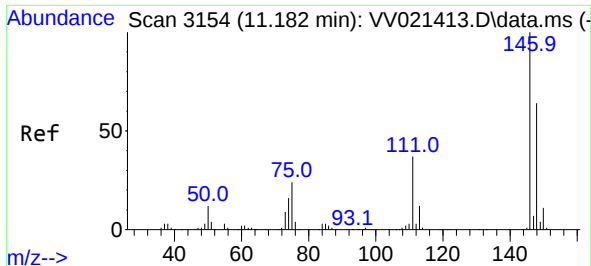
Tgt Ion:105 Resp: 324123
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 5.38 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion:105 Resp: 330094
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

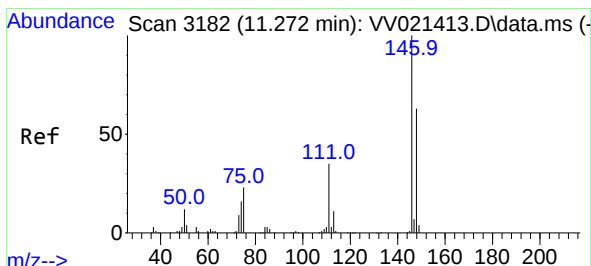
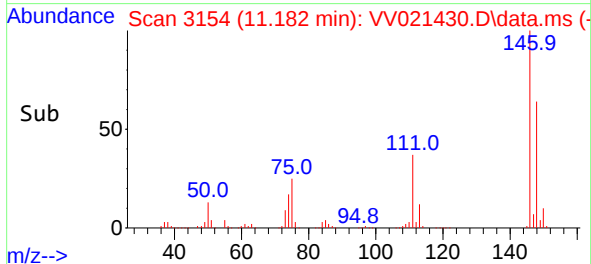
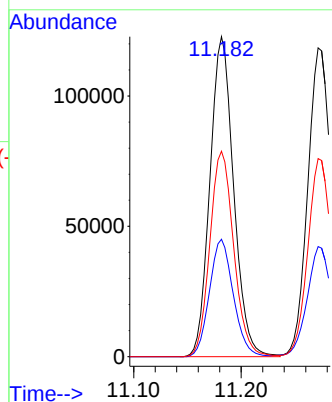
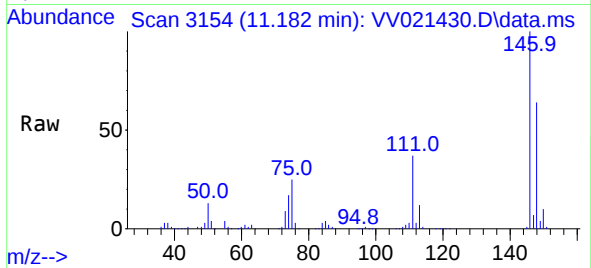




#64
1,3-Dichlorobenzene
Concen: 5.42 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

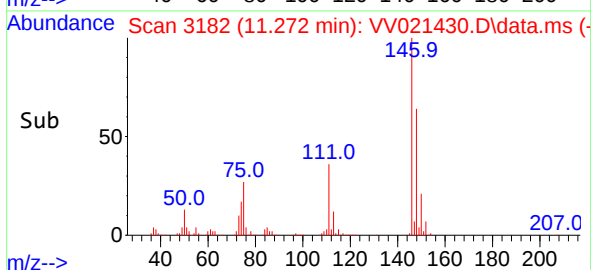
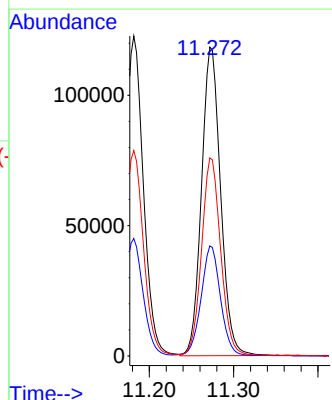
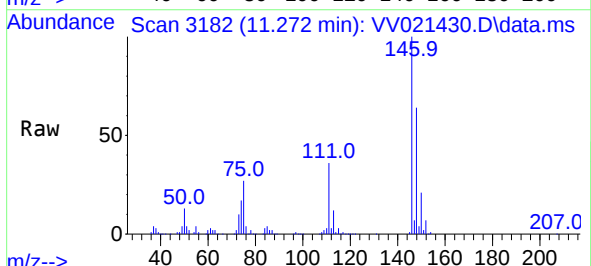
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

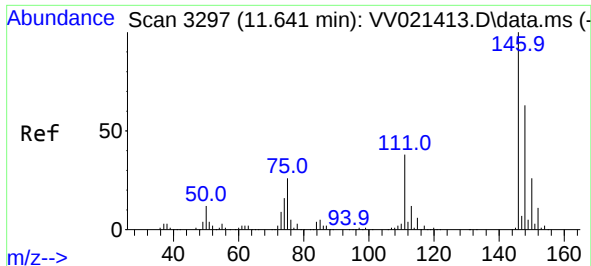
Tgt Ion:146 Resp: 188101
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.6
148 64.2 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.40 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion:146 Resp: 186857
Ion Ratio Lower Upper
146 100
111 35.6 25.1 46.5
148 64.1 44.4 82.5

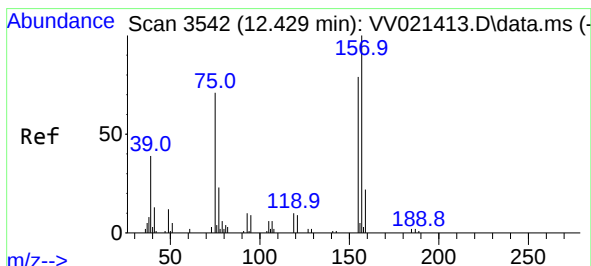
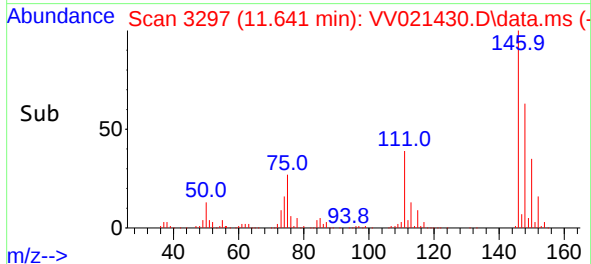
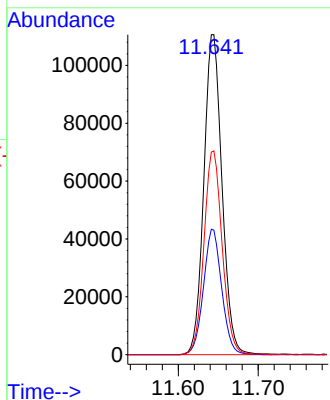
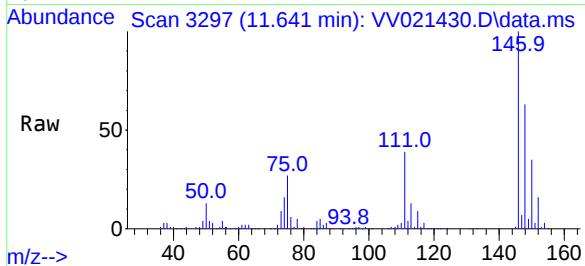




#67
1,2-Dichlorobenzene
Concen: 5.45 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

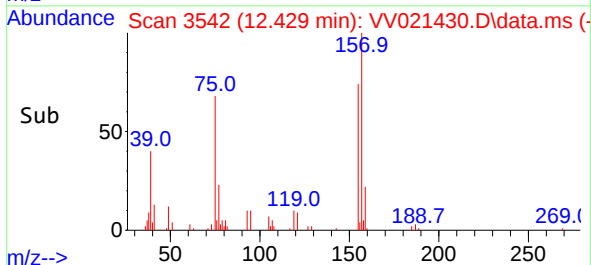
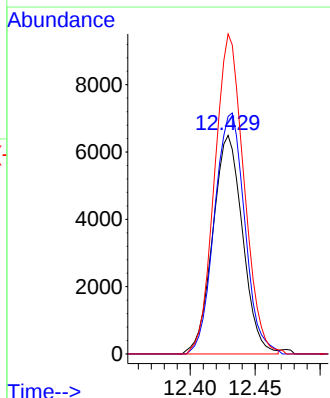
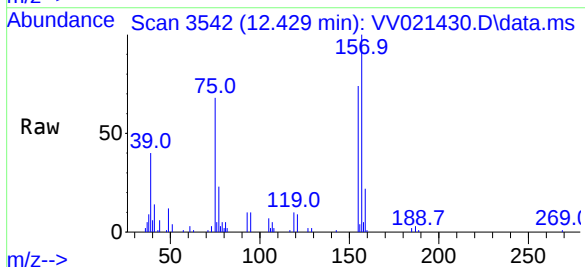
Instrument :
MSVOA_V
ClientSampled :
YARK5MS

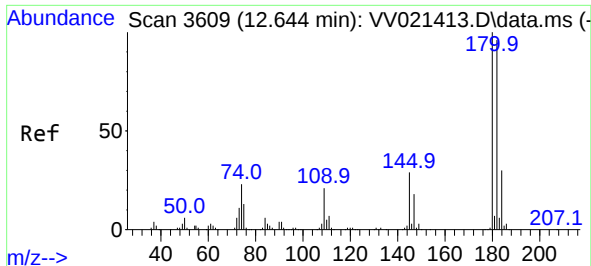
Tgt Ion:146 Resp: 175042
Ion Ratio Lower Upper
146 100
111 39.2 31.2 46.8
148 63.3 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.01 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion: 75 Resp: 10374
Ion Ratio Lower Upper
75 100
155 108.7 87.2 130.8
157 146.4 106.1 159.1

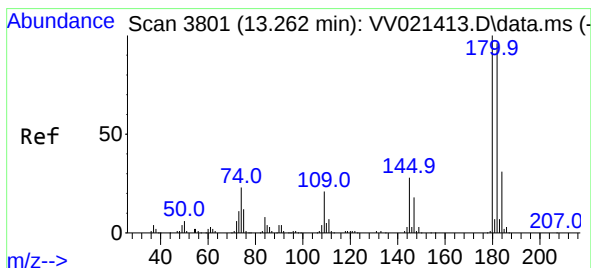
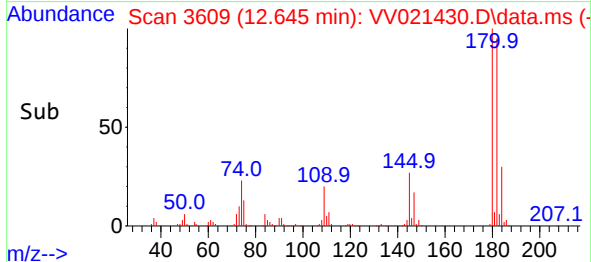
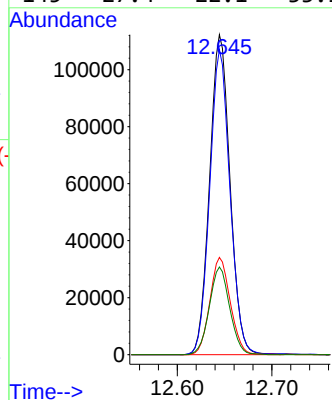
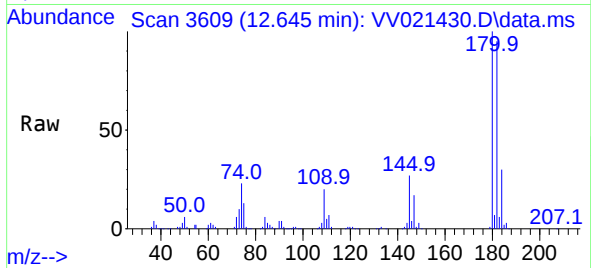




#69
1,3,5-Trichlorobenzene
Concen: 5.38 ug/L
RT: 12.645 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

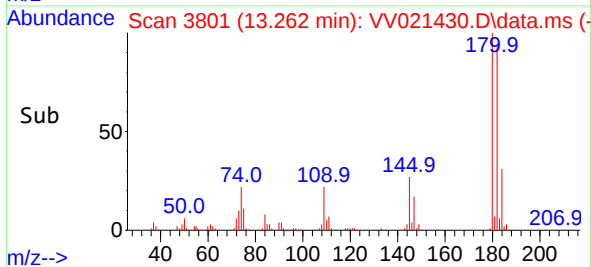
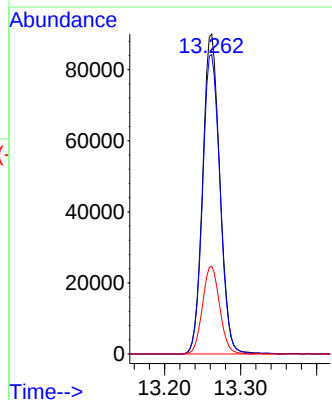
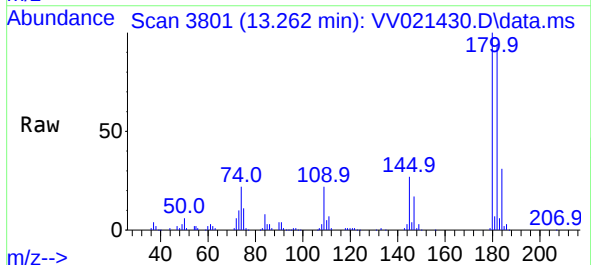
Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

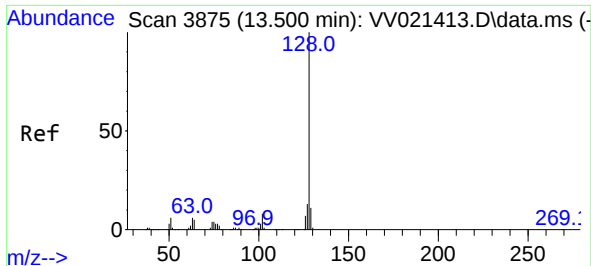
Tgt Ion:180 Resp: 168013
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
184 30.5 24.0 36.0
145 27.4 22.1 33.1



#70
1,2,4-trichlorobenzene
Concen: 5.44 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion:180 Resp: 141088
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 27.4 23.0 34.4



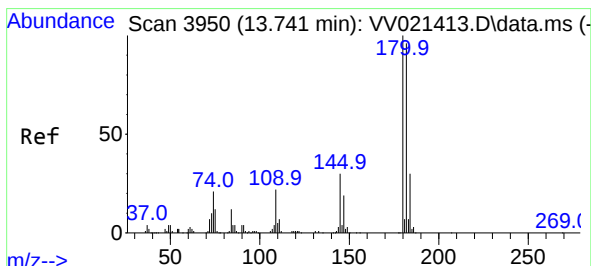
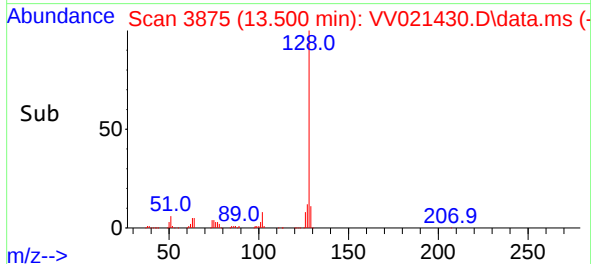
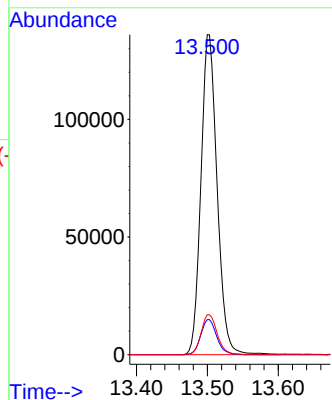
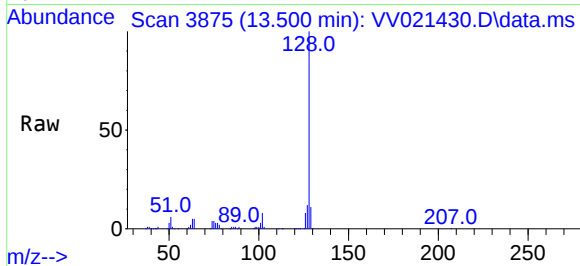


#71
Naphthalene
Concen: 5.30 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :
YARK5MS

Tgt Ion:128 Resp: 215042

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	12.5	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.22 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV021430.D
Acq: 26 May 2021 16:57

Tgt Ion:180 Resp: 120139

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.3	114.5
145	30.3	24.3	36.5

