

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021833.D
 Acq On : 17 Aug 2021 22:59
 Operator : SY/MD
 Sample : M3399-16MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:37:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	424014	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	392277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	206045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117372	35.409	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.820%
7) Chloroethane-d5	1.558	69	98619	39.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.840%
11) 1,1-Dichloroethene-d2	2.105	63	190865	36.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.340%
21) 2-Butanone-d5	3.873	46	224486	108.890	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.890%
24) Chloroform-d	4.349	84	261380	45.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
26) 1,2-Dichloroethane-d4	5.034	65	153956	46.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
32) Benzene-d6	5.050	84	494145	43.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.620%
36) 1,2-Dichloropropane-d6	6.069	67	165319	47.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.317	98	434723	41.694	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.380%
43) trans-1,3-Dichloroprop...	7.622	79	76942	44.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.020%
47) 2-Hexanone-d5	8.088	63	136526	118.580	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	239858	55.099	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	198698	46.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151171	46.083	ug/L	98
3) Chloromethane	1.240	50	165910	48.701	ug/L	100
5) Vinyl chloride	1.307	62	161683	48.198	ug/L	100
6) Bromomethane	1.507	94	100575	49.881	ug/L	99
8) Chloroethane	1.574	64	98134	48.955	ug/L	99
9) Trichlorofluoromethane	1.748	101	224601	48.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	111030	42.193	ug/L	97
12) 1,1-Dichloroethene	2.114	96	112015	44.690	ug/L	88
13) Acetone	2.159	43	136548	80.496	ug/L #	100
14) Carbon disulfide	2.288	76	413477	49.028	ug/L	100
15) Methyl Acetate	2.426	43	151387	48.578	ug/L	100
16) Methylene chloride	2.503	84	165004	47.328	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	151594	51.542	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	485095	53.629	ug/L	99
19) 1,1-Dichloroethane	3.188	63	271033	51.768	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	169112	49.654	ug/L	96
22) 2-Butanone	3.957	43	235065	95.152	ug/L	99
23) Bromochloromethane	4.246	128	89524	49.544	ug/L	98
25) Chloroform	4.375	83	279180	49.558	ug/L	99

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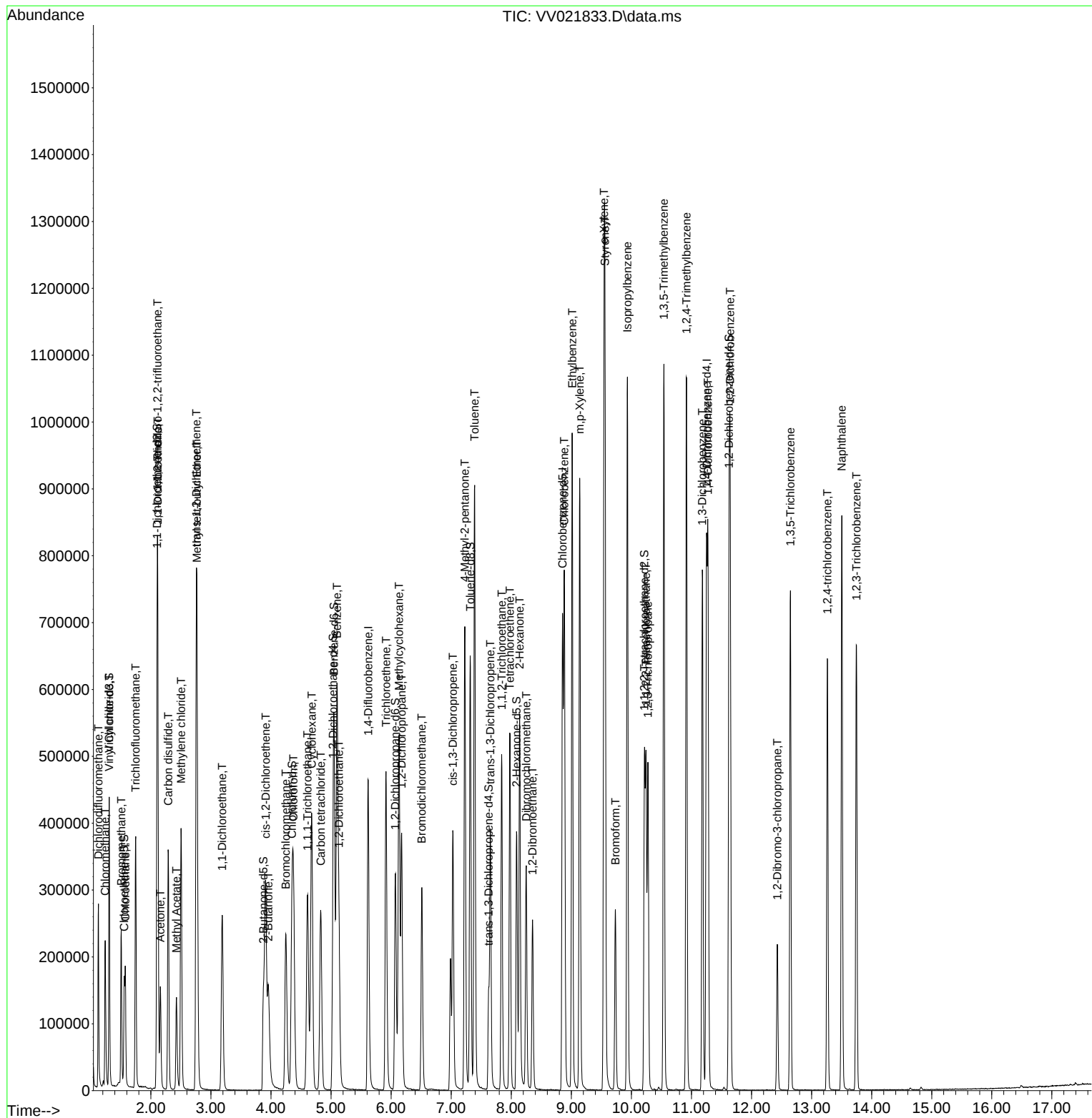
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 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
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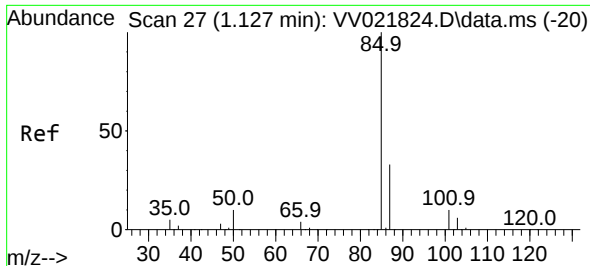
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	200874	50.609	ug/L	99
29) Cyclohexane	4.677	56	238955	49.460	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	244306	49.771	ug/L	99
31) Carbon tetrachloride	4.828	117	209594	49.347	ug/L	100
33) Benzene	5.098	78	618543	51.240	ug/L	100
34) Trichloroethene	5.915	95	165511	47.712	ug/L	99
35) Methylcyclohexane	6.133	83	238412	47.108	ug/L	100
37) 1,2-Dichloropropane	6.175	63	157529	51.537	ug/L	100
38) Bromodichloromethane	6.510	83	200135	49.678	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	245424	50.706	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	452388	107.593	ug/L	98
42) Toluene	7.391	91	670486	52.005	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	222512	48.782	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	157683	51.496	ug/L	98
46) Tetrachloroethene	7.979	164	124419	48.261	ug/L	98
48) 2-Hexanone	8.140	43	341672	104.906	ug/L	97
49) Dibromochloromethane	8.249	129	171339	50.680	ug/L	98
50) 1,2-Dibromoethane	8.355	107	171375	51.430	ug/L	99
51) Chlorobenzene	8.883	112	426025	50.609	ug/L	99
52) Ethylbenzene	9.014	91	695325	50.552	ug/L	100
53) m,p-Xylene	9.140	106	267784	50.234	ug/L	99
54) o-Xylene	9.545	106	269667	51.034	ug/L	100
55) Styrene	9.561	104	455109	51.433	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	240487	56.417	ug/L	99
59) Bromoform	9.735	173	123113	50.263	ug/L	100
60) Isopropylbenzene	9.934	105	703146	50.901	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	196463	51.596	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	583459	50.332	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	596207	50.583	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	330465	49.399	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	328184	49.148	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	340491	50.455	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	50168	54.190	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	231976	47.839	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	200066	49.194	ug/L	99
71) Naphthalene	13.503	128	679155	57.490	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	206732	50.601	ug/L	100

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

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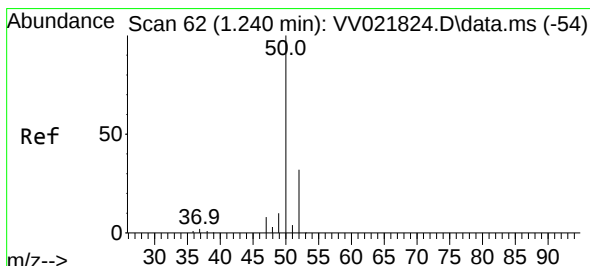
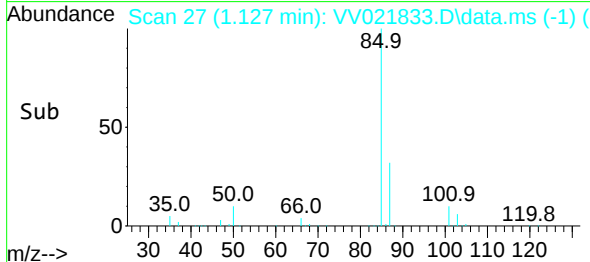
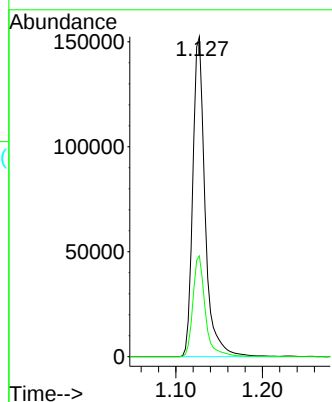
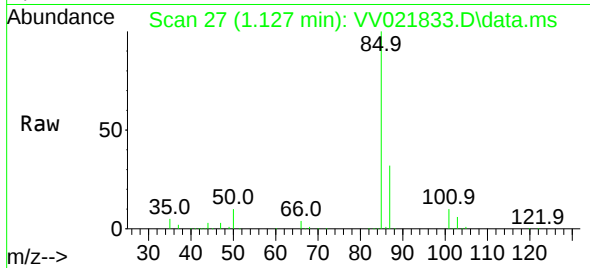




#2
 Dichlorodifluoromethane
 Concen: 46.083 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021833.D
 Acq: 17 Aug 2021 22:59

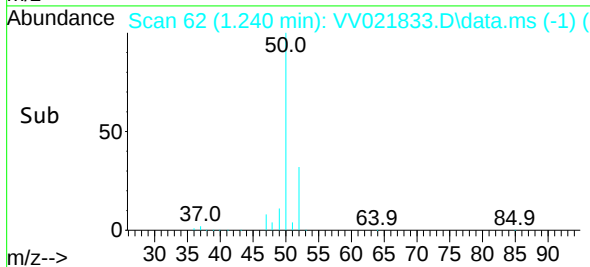
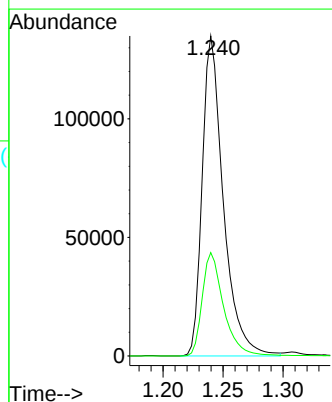
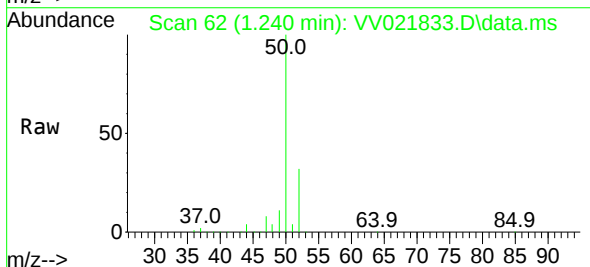
Instrument :
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 ClientSampled :

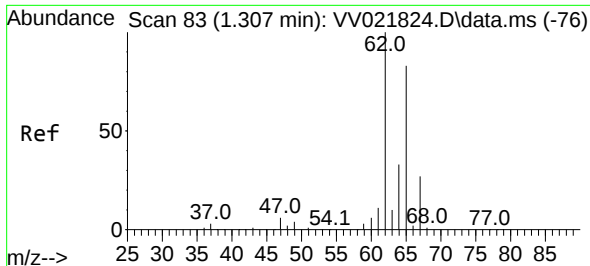
Tgt Ion: 85 Resp: 151171
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.1 39.1



#3
 Chloromethane
 Concen: 48.701 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021833.D
 Acq: 17 Aug 2021 22:59

Tgt Ion: 50 Resp: 165910
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.7 42.1

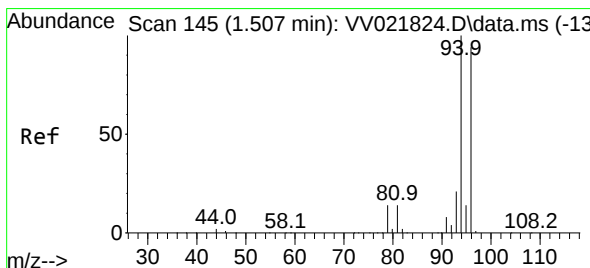
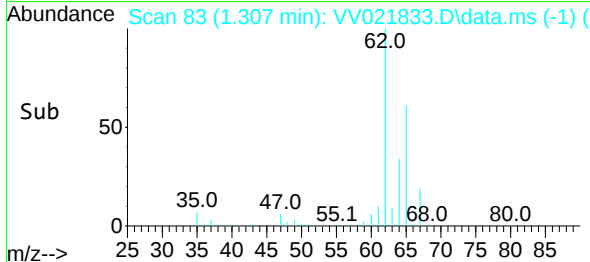
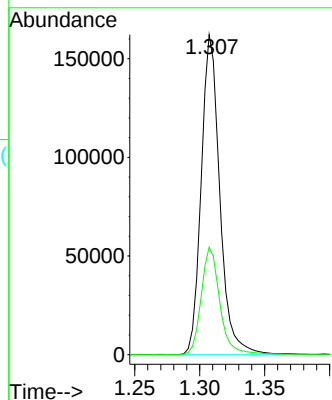
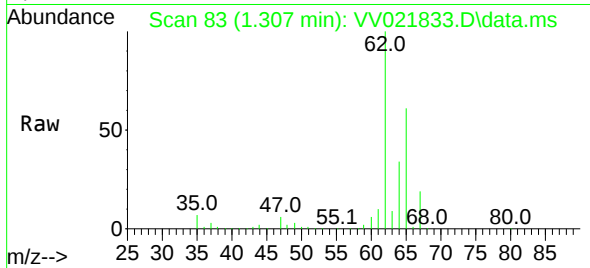




#5
 Vinyl chloride
 Concen: 48.198 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021833.D
 Acq: 17 Aug 2021 22:59

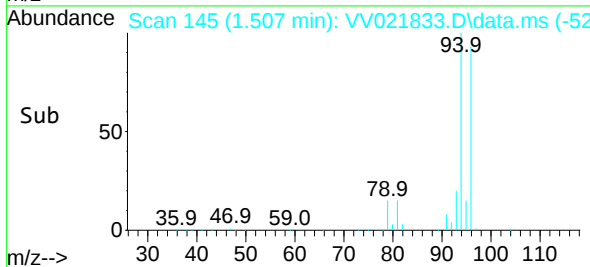
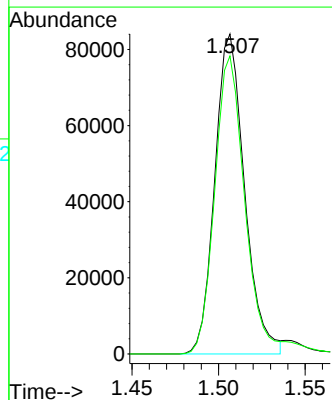
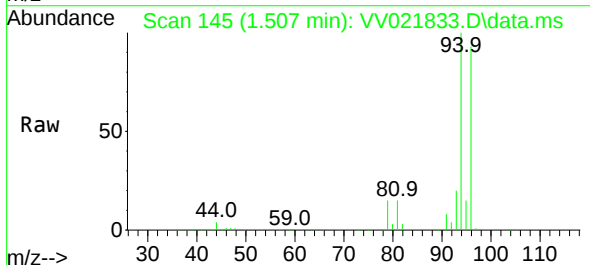
Instrument :
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 ClientSampled :

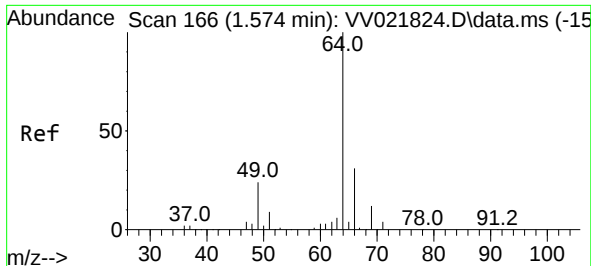
Tgt Ion: 62 Resp: 161683
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 49.881 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VV021833.D
 Acq: 17 Aug 2021 22:59

Tgt Ion: 94 Resp: 100575
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.3

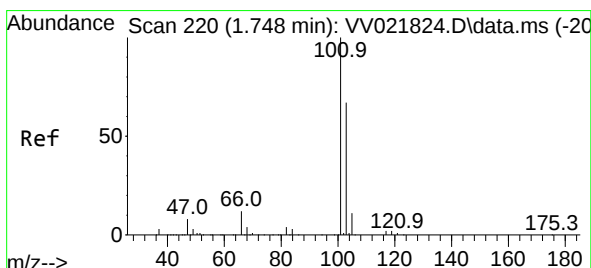
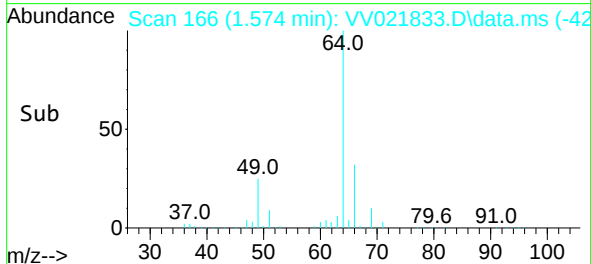
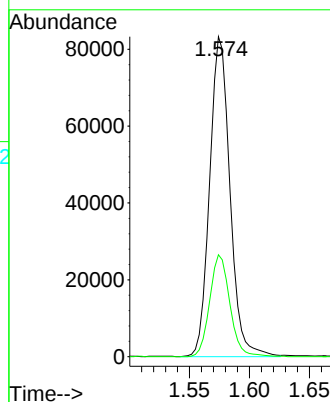
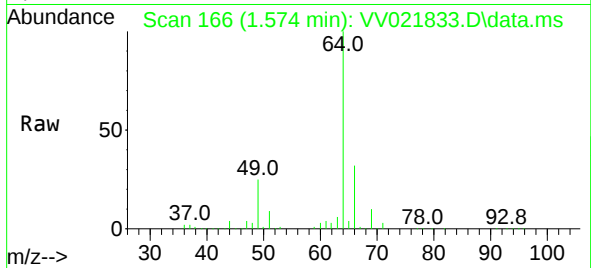




#8
Chloroethane
Concen: 48.955 ug/L
RT: 1.574 min Scan# 166
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

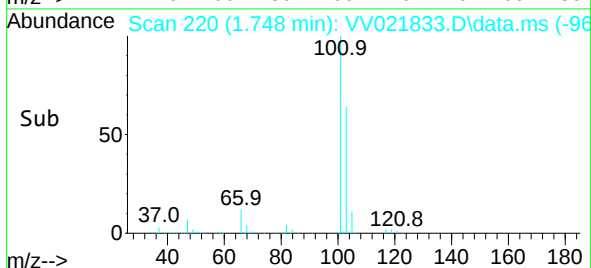
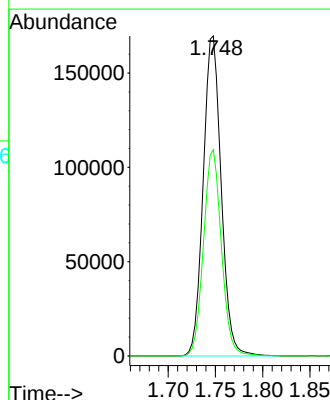
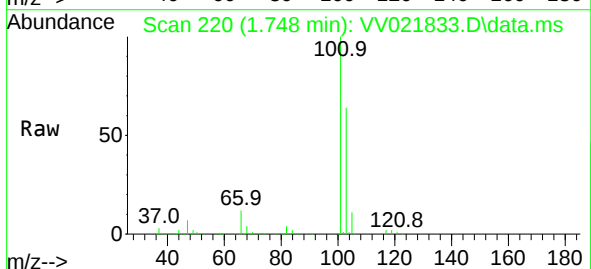
Instrument :
MSVOA_V
ClientSampled :

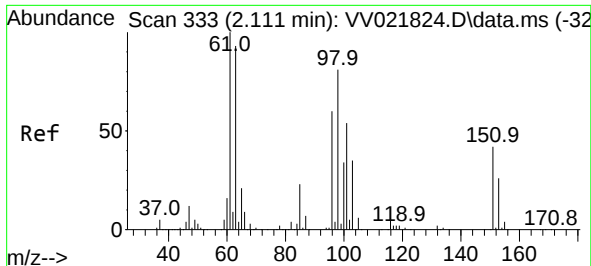
Tgt Ion: 64 Resp: 98134
Ion Ratio Lower Upper
64 100
66 31.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 48.867 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion:101 Resp: 224601
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

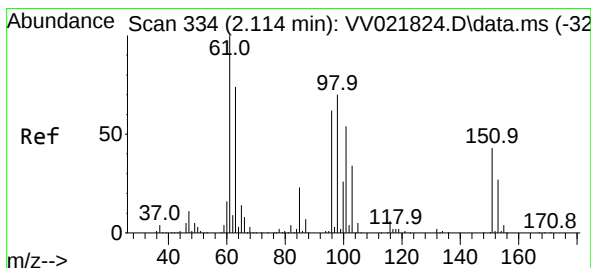
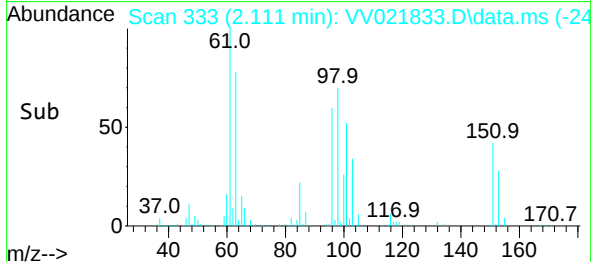
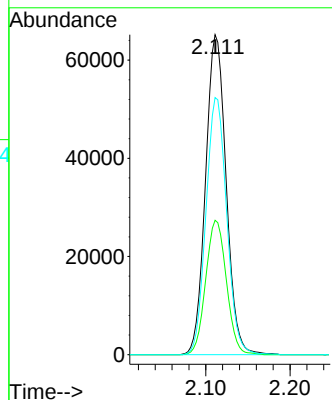
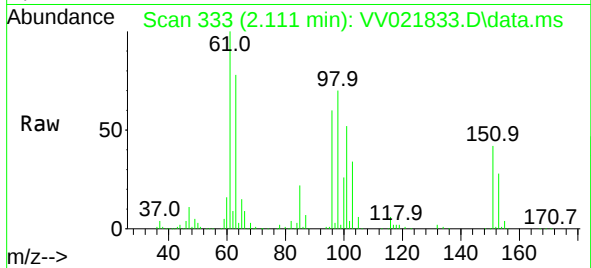




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.193 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

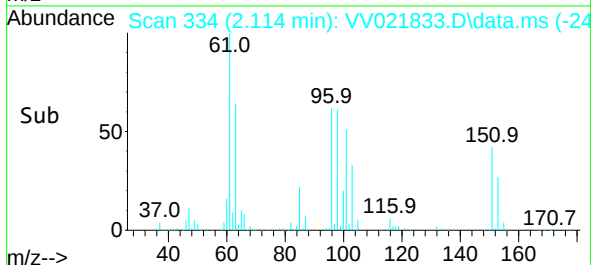
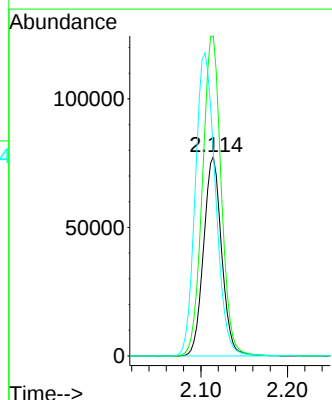
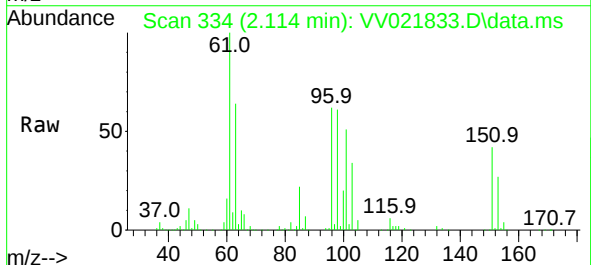
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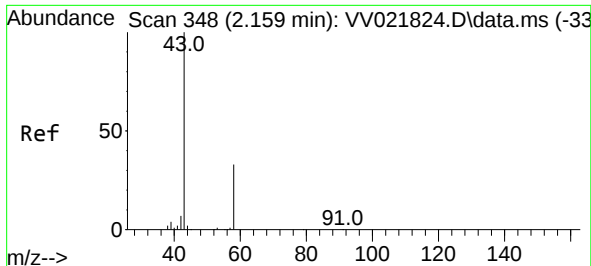
Tgt Ion:101 Resp: 111030
Ion Ratio Lower Upper
101 100
85 42.2 33.4 50.2
151 81.0 62.2 93.2



#12
1,1-Dichloroethene
Concen: 44.690 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 96 Resp: 112015
Ion Ratio Lower Upper
96 100
61 160.6 115.5 214.5
63 102.3 90.3 167.7

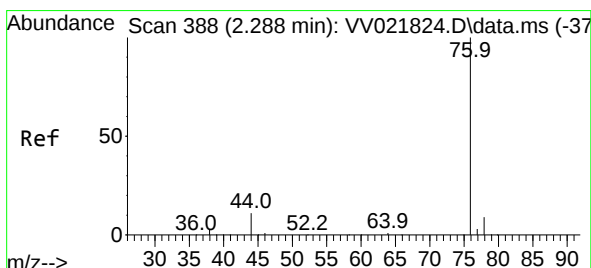
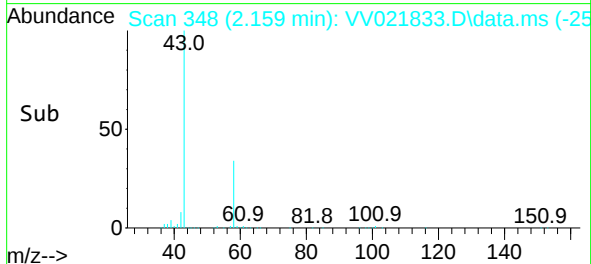
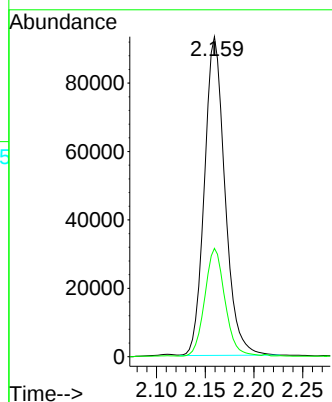
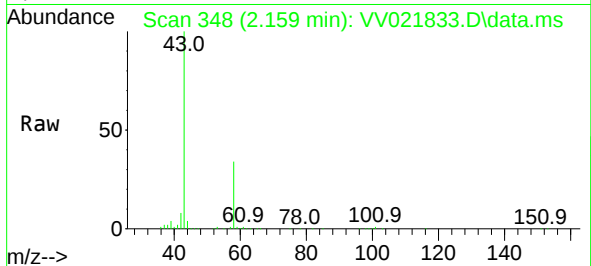




#13
Acetone
Concen: 80.496 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

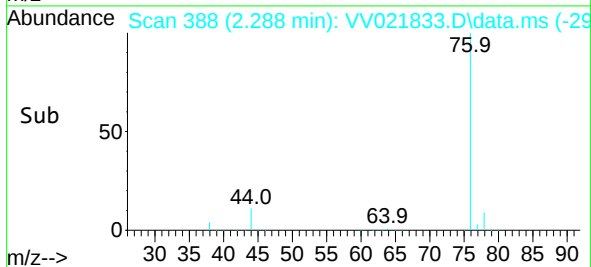
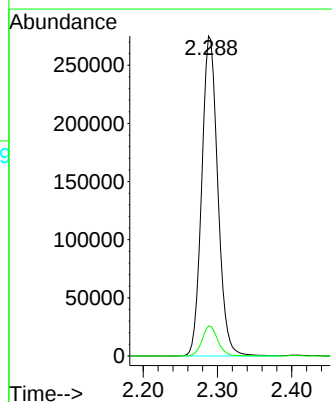
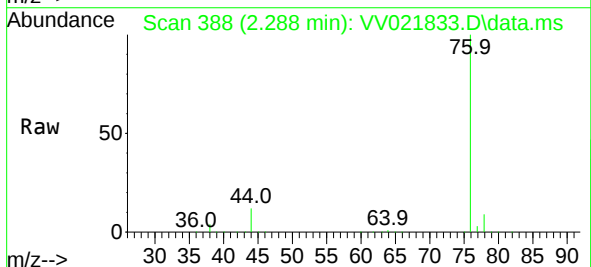
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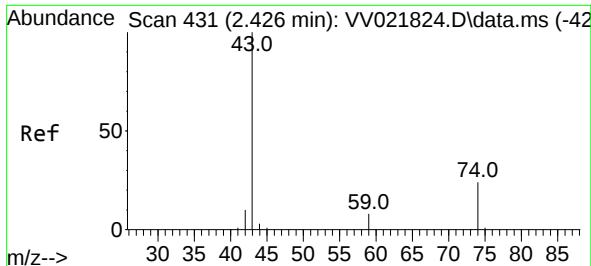
Tgt Ion: 43 Resp: 136548
Ion Ratio Lower Upper
43 100
58 33.6 0.0 0.0#



#14
Carbon disulfide
Concen: 49.028 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 76 Resp: 413477
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

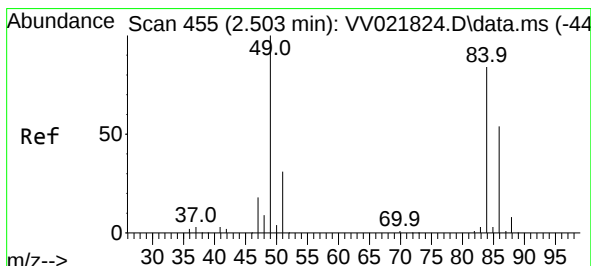
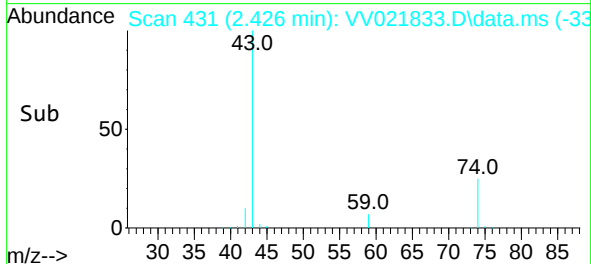
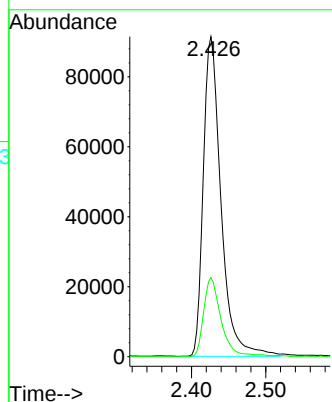
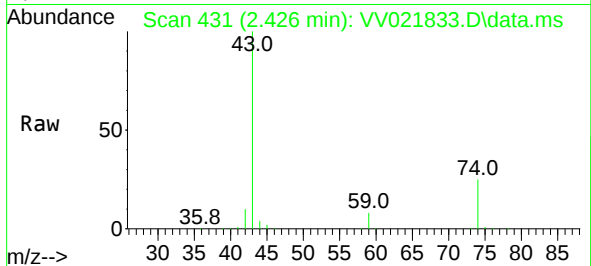




#15
Methyl Acetate
Concen: 48.578 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

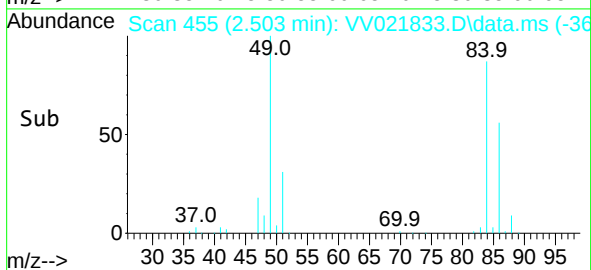
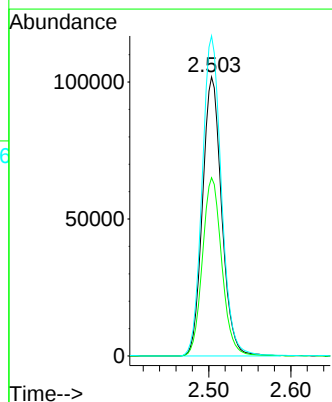
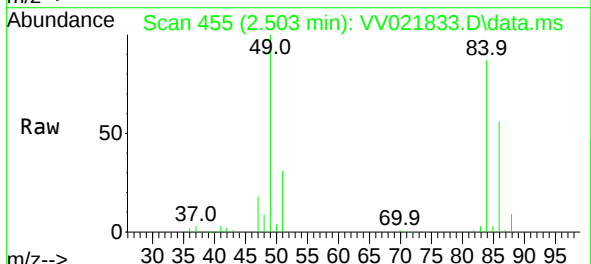
Instrument :
MSVOA_V
ClientSampled :

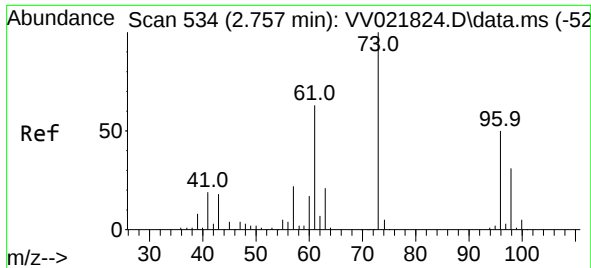
Tgt Ion: 43 Resp: 151387
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 47.328 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 84 Resp: 165004
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 114.7 82.5 153.3

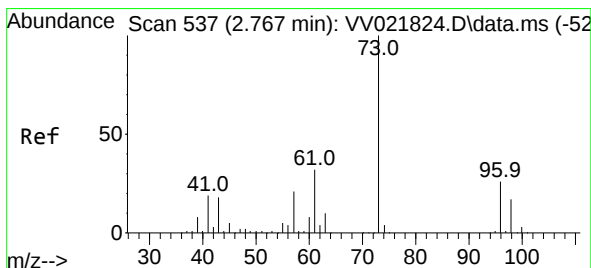
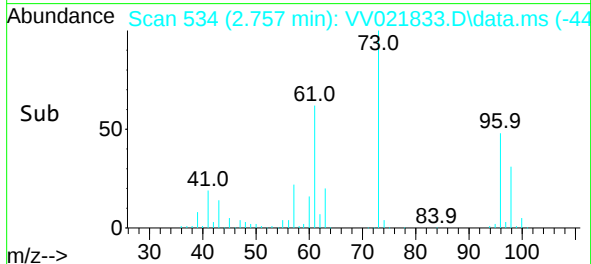
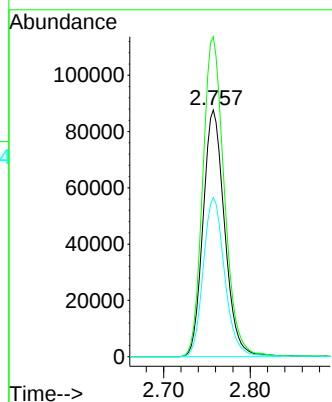
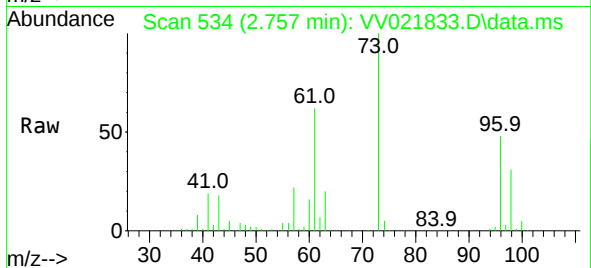




#17
trans-1,2-Dichloroethene
Concen: 51.542 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

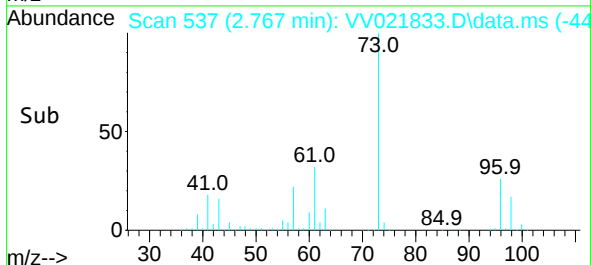
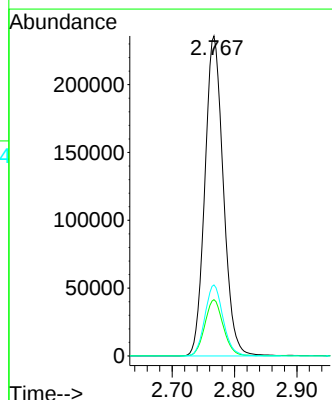
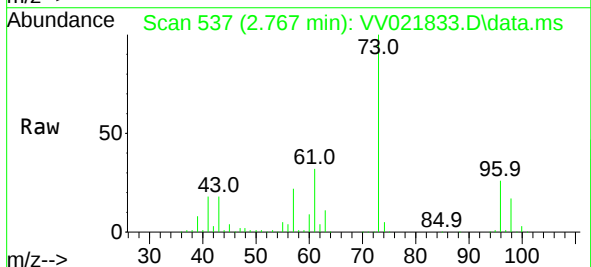
Instrument :
MSVOA_V
ClientSampleId :

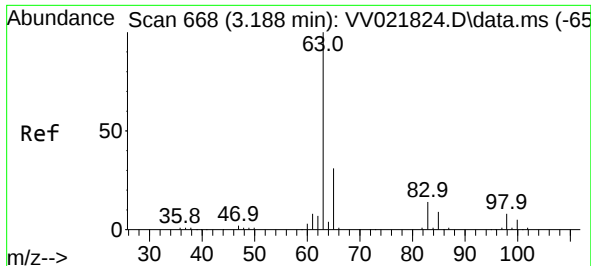
Tgt Ion: 96 Resp: 151594
Ion Ratio Lower Upper
96 100
61 129.7 90.4 168.0
98 64.5 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 53.629 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 73 Resp: 485095
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4
57 22.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 51.768 ug/L

RT: 3.188 min Scan# 668

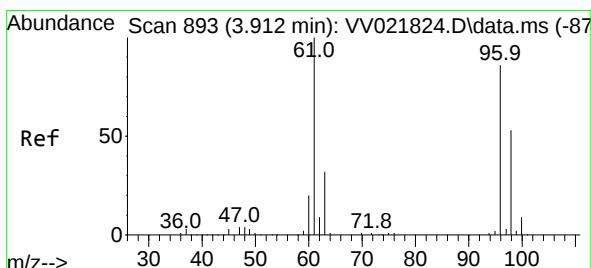
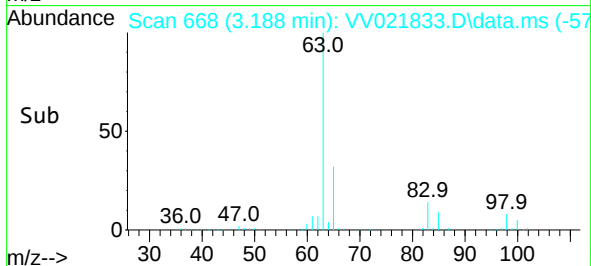
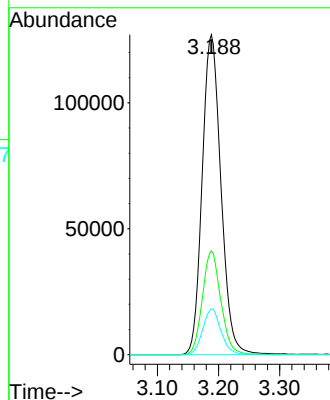
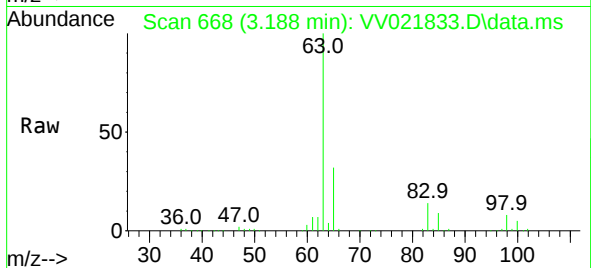
Delta R.T. 0.000 min

Lab File: VV021833.D

Acq: 17 Aug 2021 22:59

Tgt Ion:	63	Resp:	271033
Ion	Ratio	Lower	Upper
63	100		
65	32.5	21.8	40.6
83	14.4	9.6	17.8

Instrument :
MSVOA_V
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 49.654 ug/L

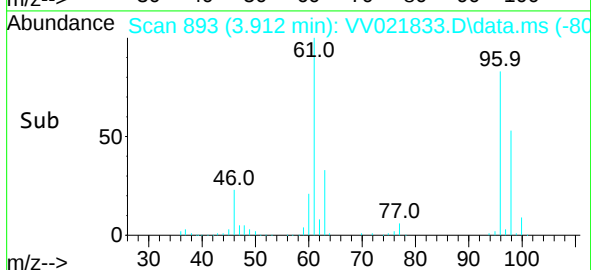
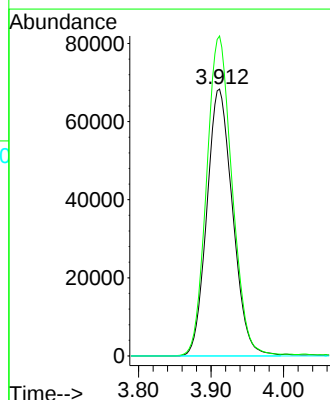
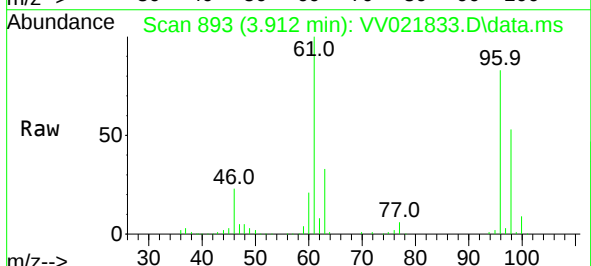
RT: 3.912 min Scan# 893

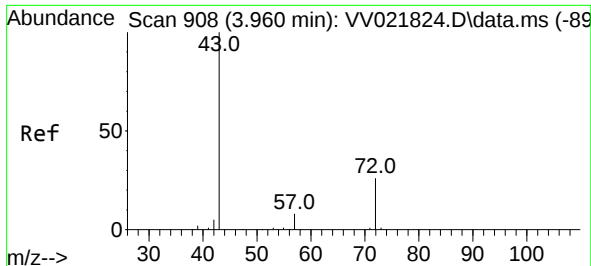
Delta R.T. 0.000 min

Lab File: VV021833.D

Acq: 17 Aug 2021 22:59

Tgt Ion:	96	Resp:	169112
Ion	Ratio	Lower	Upper
96	100		
61	119.9	81.0	150.4
68	0.0	0.0	0.0

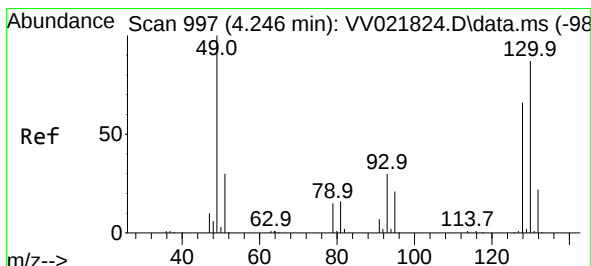
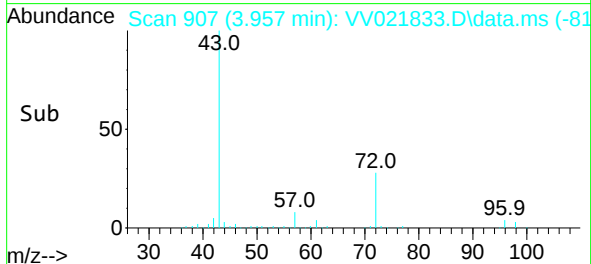
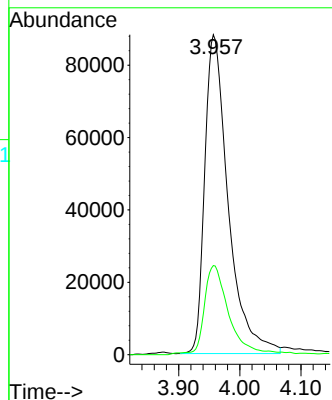
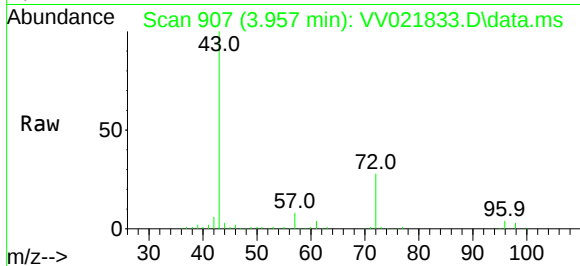




#22
2-Butanone
Concen: 95.152 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

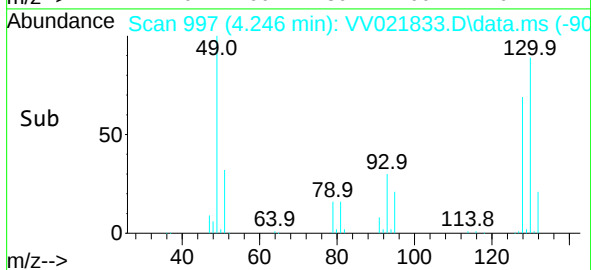
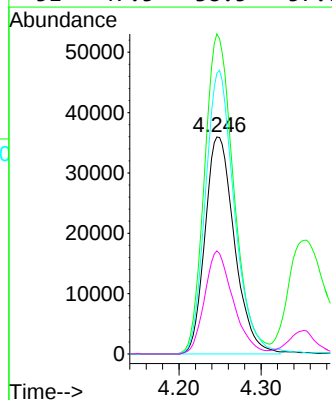
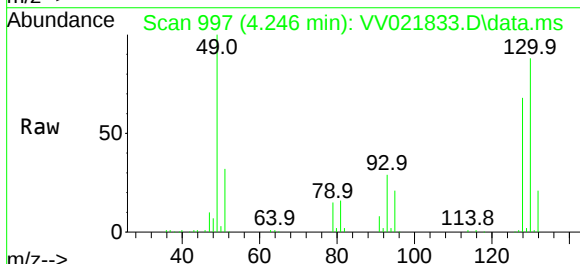
Instrument :
MSVOA_V
ClientSampleId :

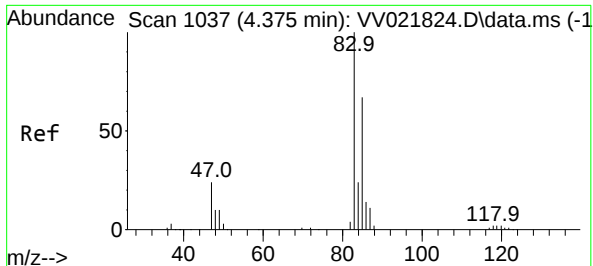
Tgt Ion: 43 Resp: 235065
Ion Ratio Lower Upper
43 100
72 26.9 13.6 40.8



#23
Bromochloromethane
Concen: 49.544 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 128 Resp: 89524
Ion Ratio Lower Upper
128 100
49 147.5 105.6 196.0
130 129.4 89.5 166.1
51 47.5 38.5 57.7





#25

Chloroform

Concen: 49.558 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV021833.D

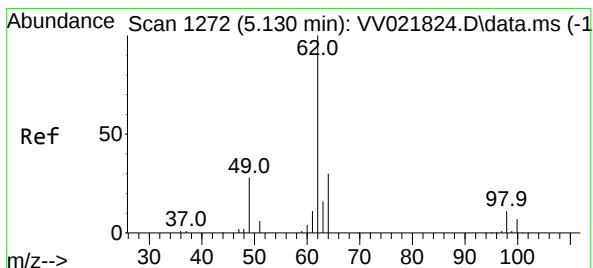
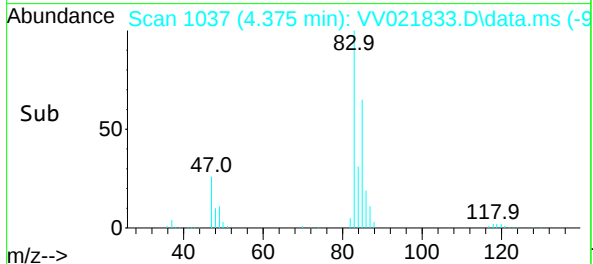
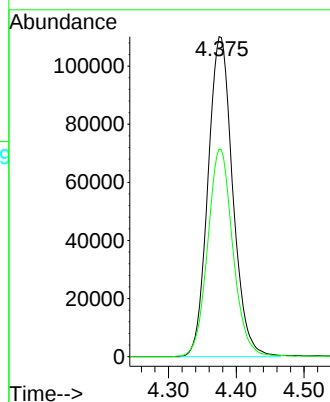
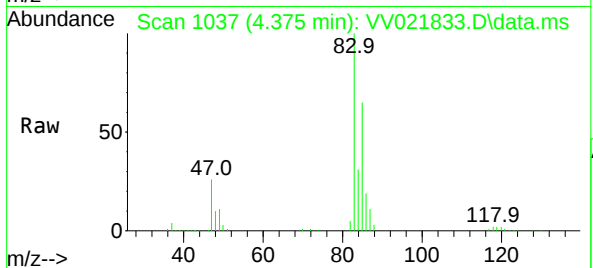
Acq: 17 Aug 2021 22:59

Tgt Ion: 83 Resp: 279180

Ion Ratio Lower Upper

83 100

85 64.9 44.8 83.2



#27

1,2-Dichloroethane

Concen: 50.609 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV021833.D

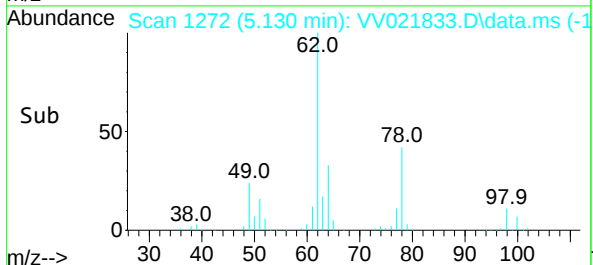
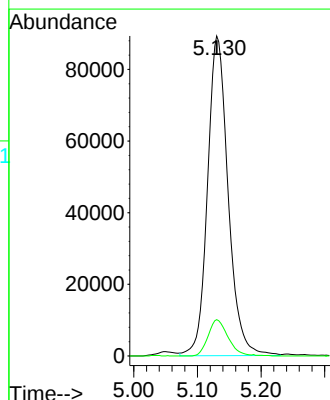
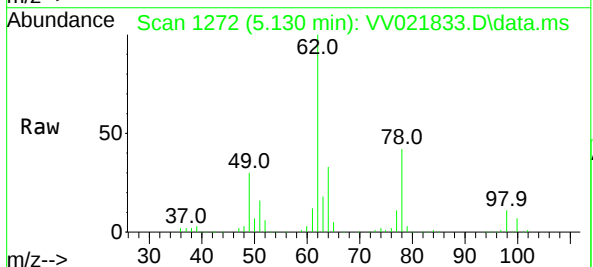
Acq: 17 Aug 2021 22:59

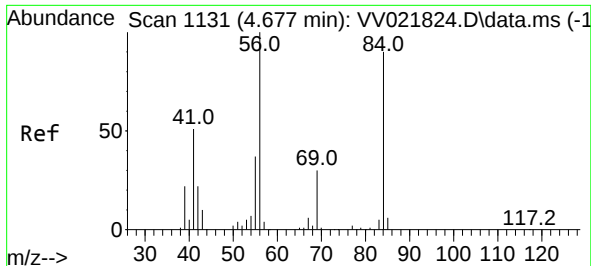
Tgt Ion: 62 Resp: 200874

Ion Ratio Lower Upper

62 100

98 11.4 8.6 13.0





#29

Cyclohexane

Concen: 49.460 ug/L

RT: 4.677 min Scan# 1131

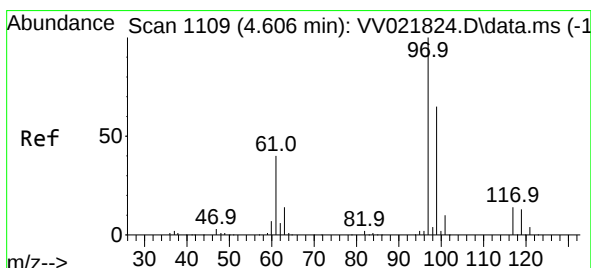
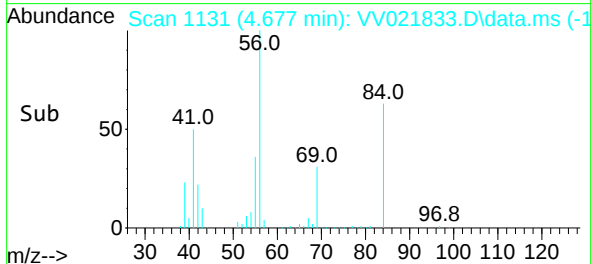
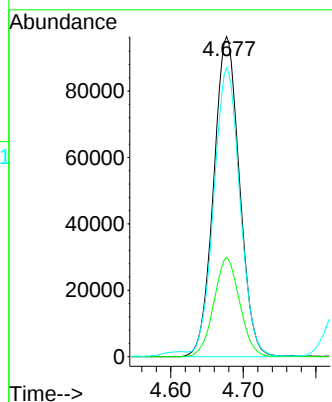
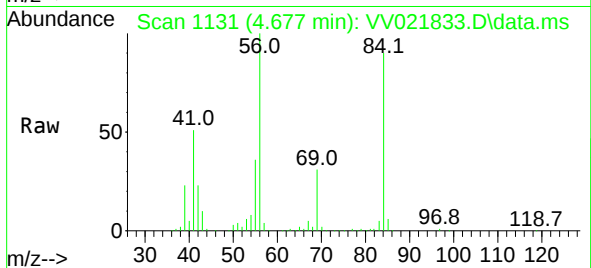
Delta R.T. 0.000 min

Lab File: VV021833.D

Acq: 17 Aug 2021 22:59

Tgt Ion:	56	Resp:	238955
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.9	37.3
84	90.9	72.6	109.0

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 49.771 ug/L

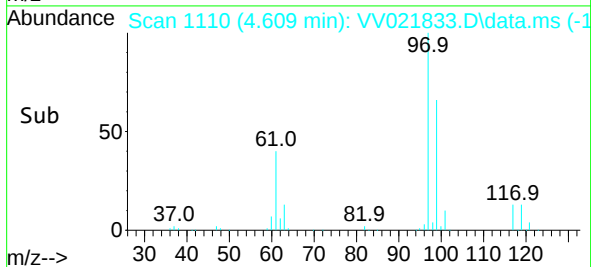
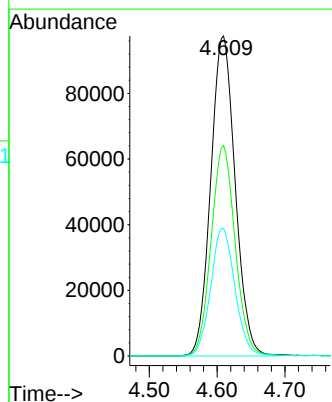
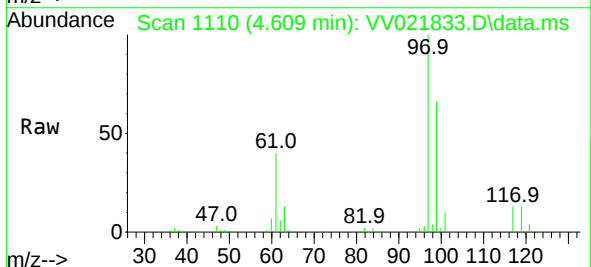
RT: 4.609 min Scan# 1110

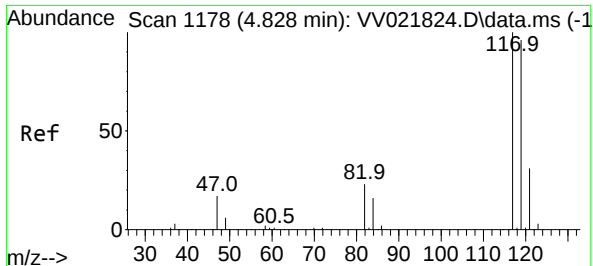
Delta R.T. 0.003 min

Lab File: VV021833.D

Acq: 17 Aug 2021 22:59

Tgt Ion:	97	Resp:	244306
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	39.6	32.3	48.5

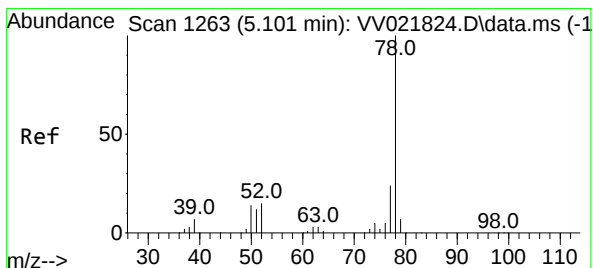
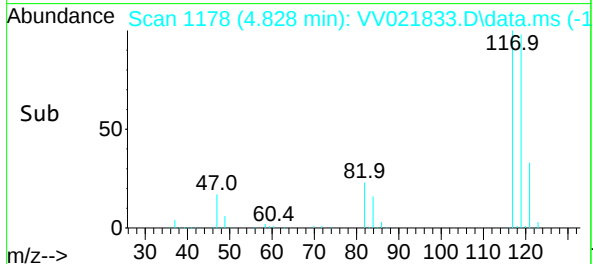
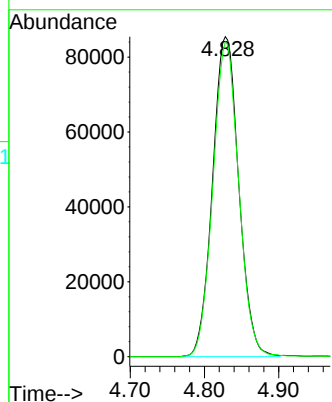
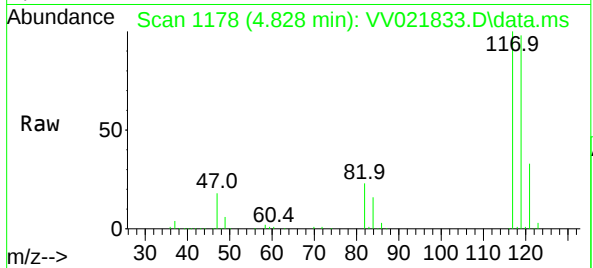




#31
Carbon tetrachloride
Concen: 49.347 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

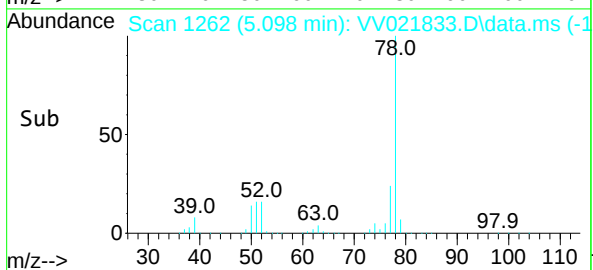
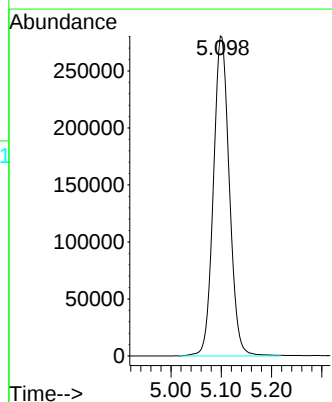
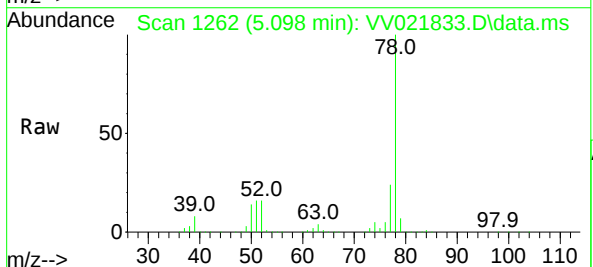
Instrument :
MSVOA_V
ClientSampled :

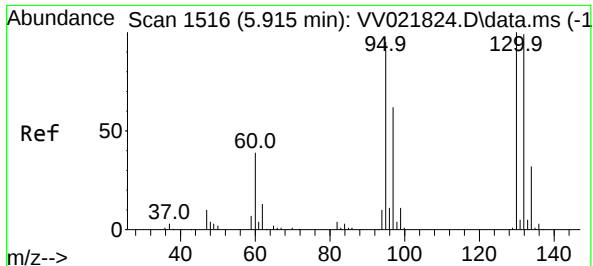
Tgt Ion:117 Resp: 209594
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7



#33
Benzene
Concen: 51.240 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 78 Resp: 618543





#34

Trichloroethene

Concen: 47.712 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV021833.D

Acq: 17 Aug 2021 22:59

Tgt Ion: 95 Resp: 165511

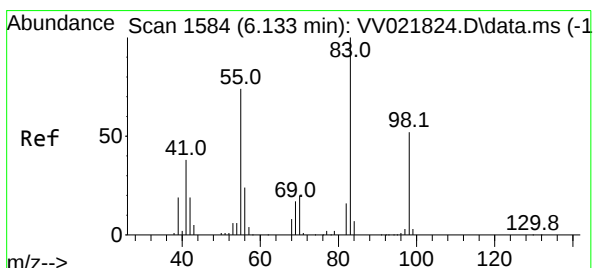
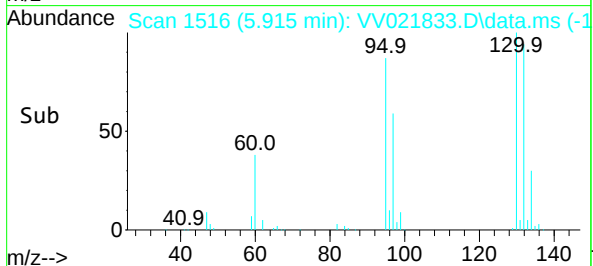
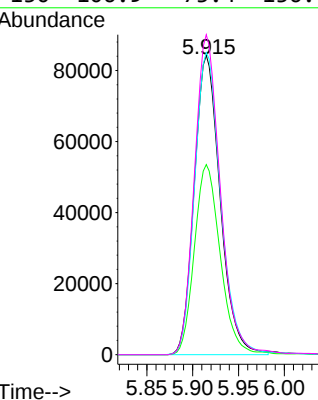
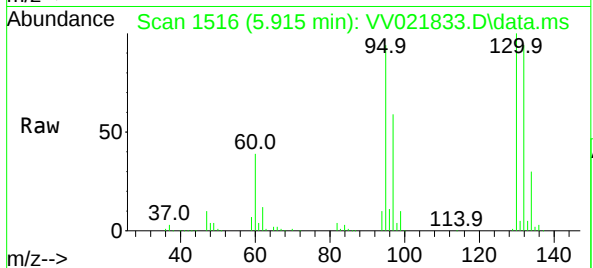
Ion Ratio Lower Upper

95 100

97 63.5 44.1 81.9

132 100.9 70.2 130.4

130 106.9 73.4 136.4



#35

Methylcyclohexane

Concen: 47.108 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV021833.D

Acq: 17 Aug 2021 22:59

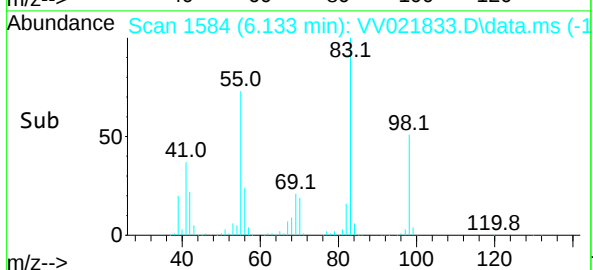
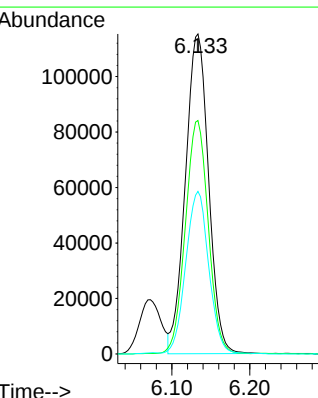
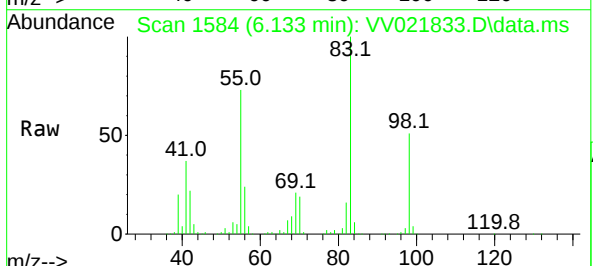
Tgt Ion: 83 Resp: 238412

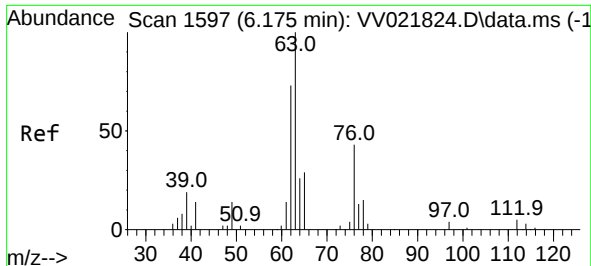
Ion Ratio Lower Upper

83 100

55 72.4 57.9 86.9

98 50.6 39.9 59.9

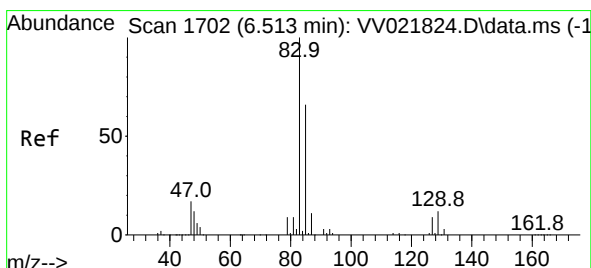
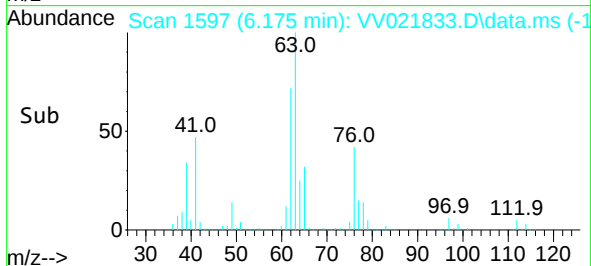
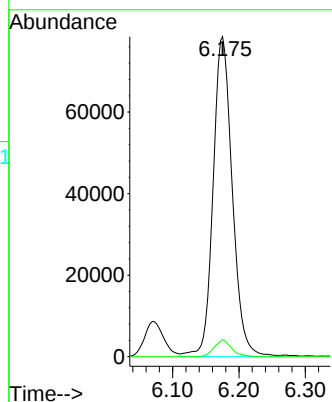
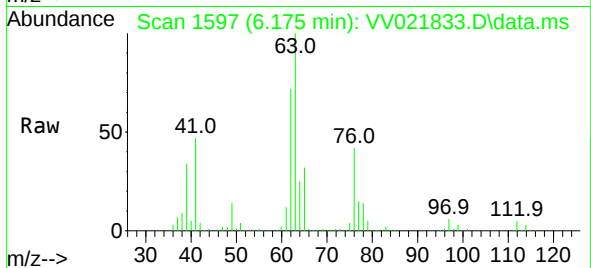




#37
1,2-Dichloropropane
Concen: 51.537 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

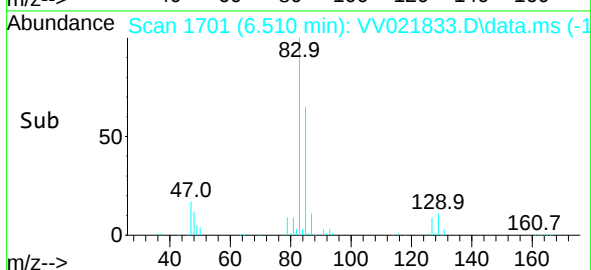
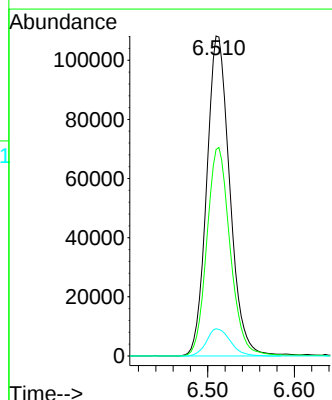
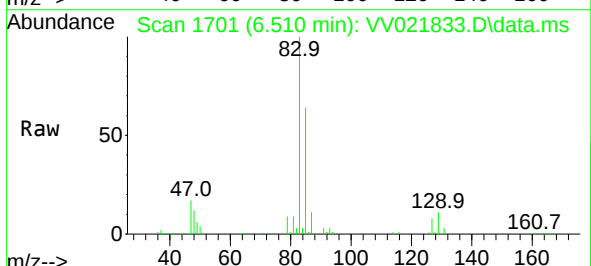
Instrument :
MSVOA_V
ClientSampleId :

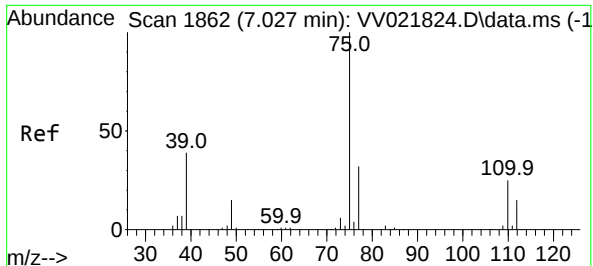
Tgt Ion: 63 Resp: 157529
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 49.678 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 83 Resp: 200135
Ion Ratio Lower Upper
83 100
85 64.5 45.7 84.9
127 8.5 7.4 11.2

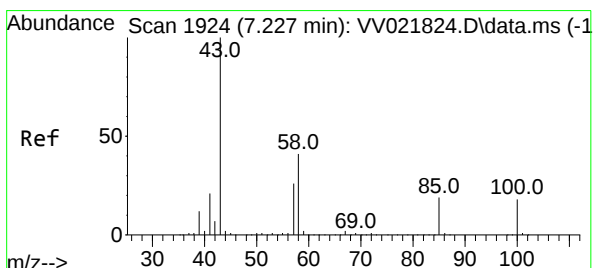
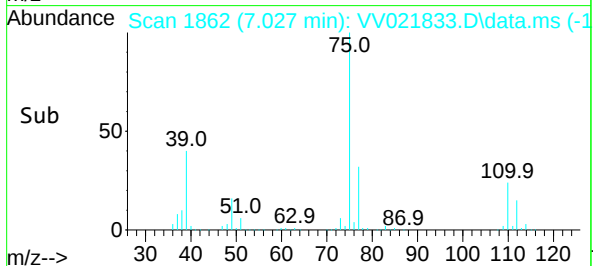
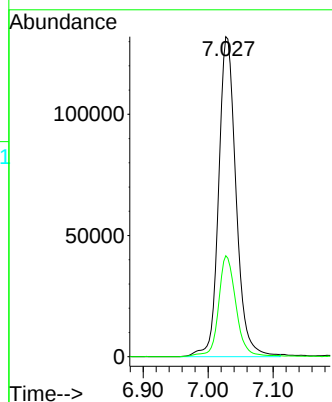
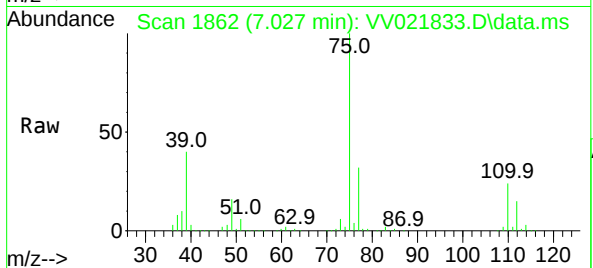




#39
 cis-1,3-Dichloropropene
 Concen: 50.706 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021833.D
 Acq: 17 Aug 2021 22:59

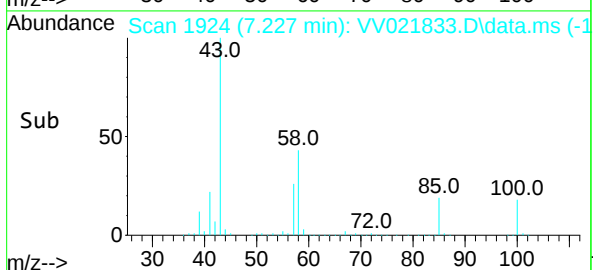
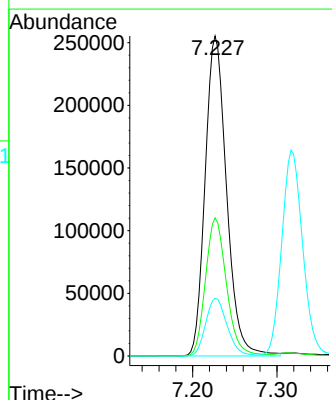
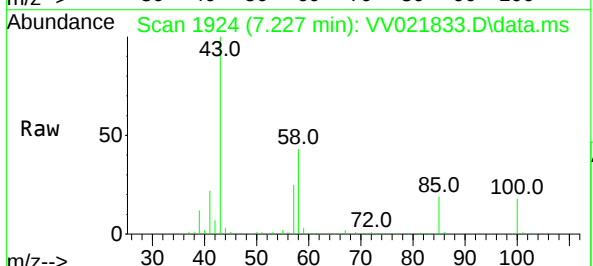
Instrument :
 MSVOA_V
 ClientSampled :

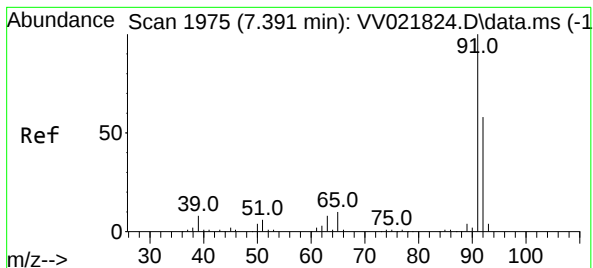
Tgt Ion: 75 Resp: 245424
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 107.593 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021833.D
 Acq: 17 Aug 2021 22:59

Tgt Ion: 43 Resp: 452388
 Ion Ratio Lower Upper
 43 100
 58 42.2 32.9 49.3
 100 18.0 14.0 21.0





#42

Toluene

Concen: 52.005 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV021833.D

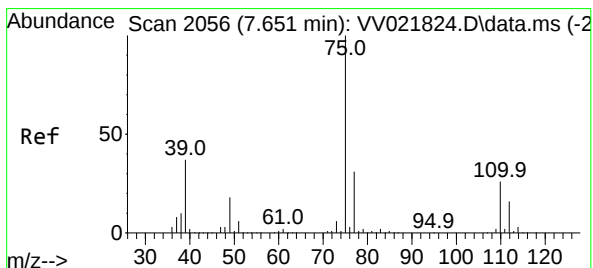
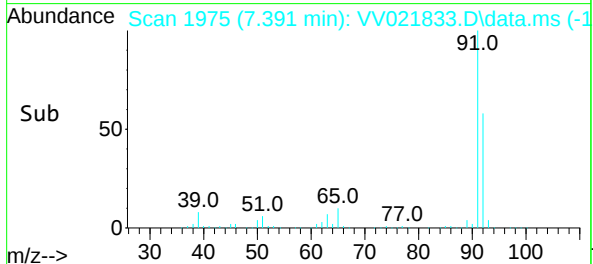
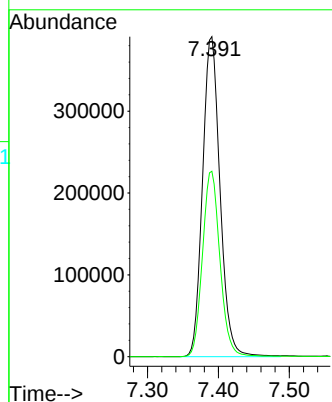
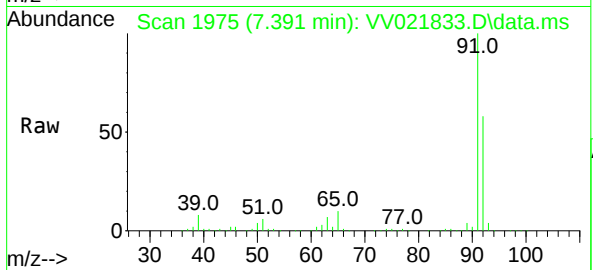
Acq: 17 Aug 2021 22:59

Tgt Ion: 91 Resp: 670486

Ion Ratio Lower Upper

91 100

92 58.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 48.782 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021833.D

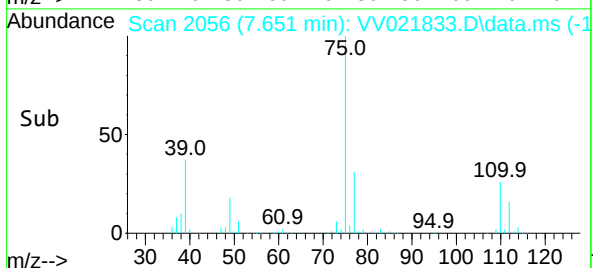
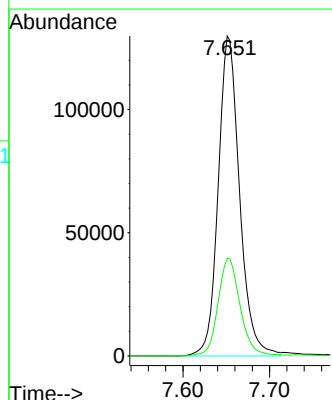
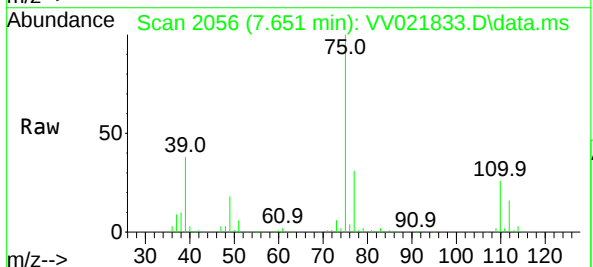
Acq: 17 Aug 2021 22:59

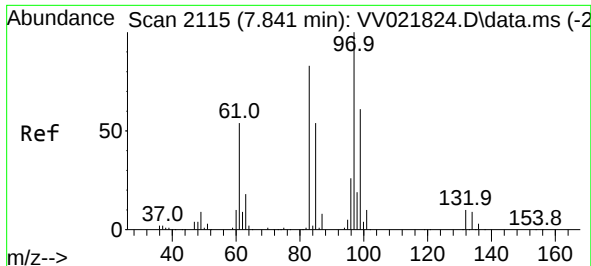
Tgt Ion: 75 Resp: 222512

Ion Ratio Lower Upper

75 100

77 30.6 22.2 41.2





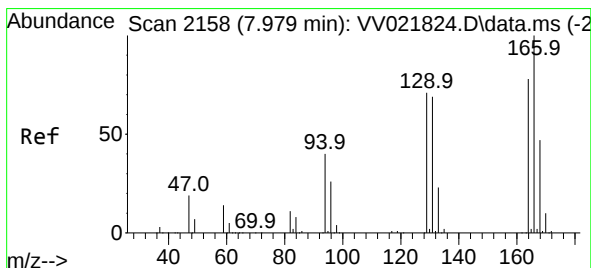
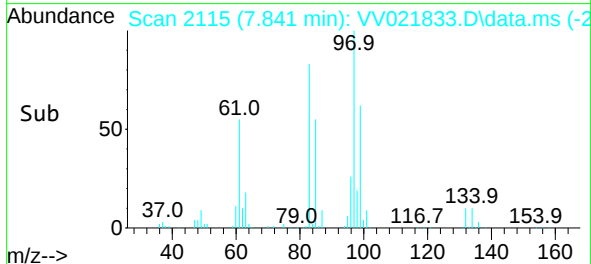
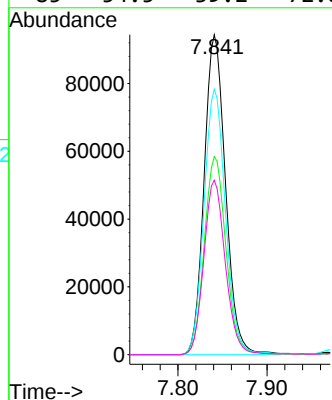
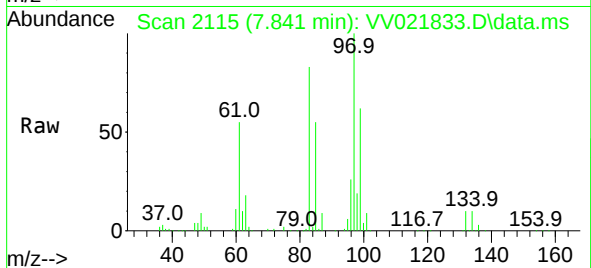
#45

1,1,2-Trichloroethane
Concen: 51.496 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 157683

Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.2	82.0
83	83.0	59.2	110.0
85	54.5	39.2	72.8

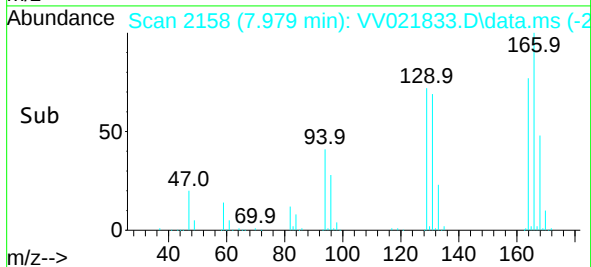
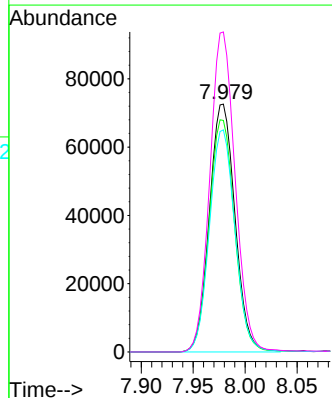
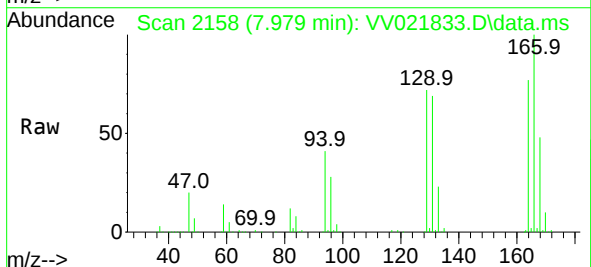


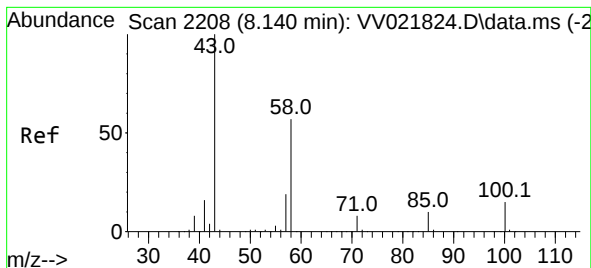
#46

Tetrachloroethene
Concen: 48.261 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 164 Resp: 124419

Ion	Ratio	Lower	Upper
164	100		
129	93.4	63.7	118.3
131	89.6	61.5	114.3
166	129.1	88.6	164.6

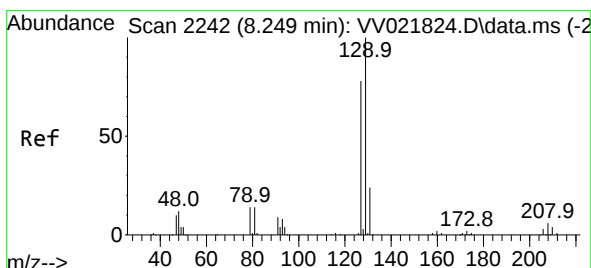
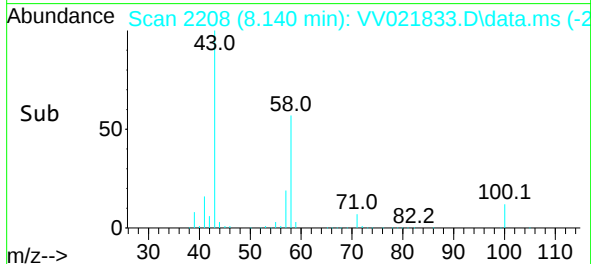
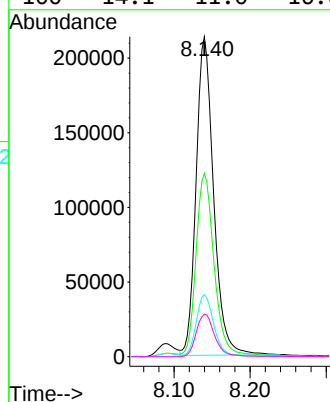
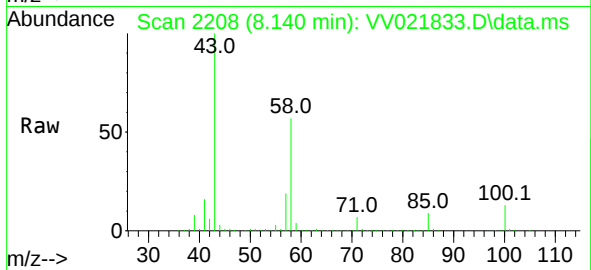




#48
2-Hexanone
Concen: 104.906 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

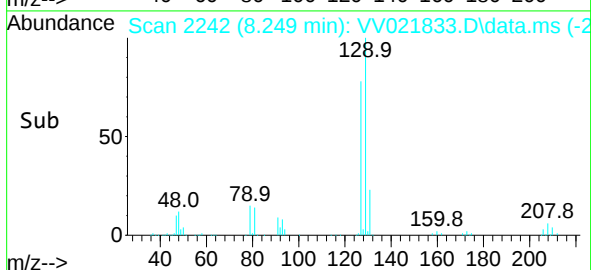
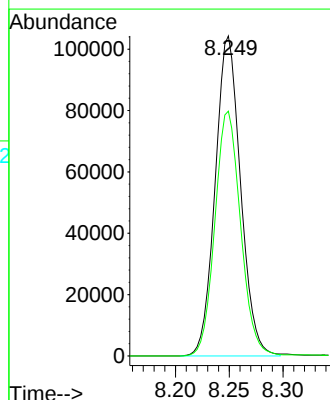
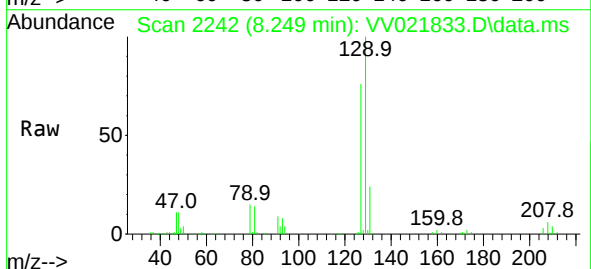
Instrument :
MSVOA_V
ClientSampled :

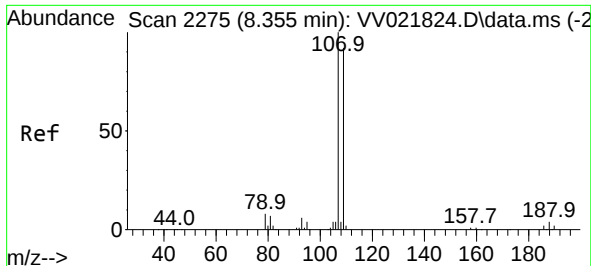
Tgt Ion:	43	Resp:	341672
Ion	Ratio	Lower	Upper
43	100		
58	59.4	45.4	68.2
57	19.6	15.3	22.9
100	14.1	11.0	16.6



#49
Dibromochloromethane
Concen: 50.680 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

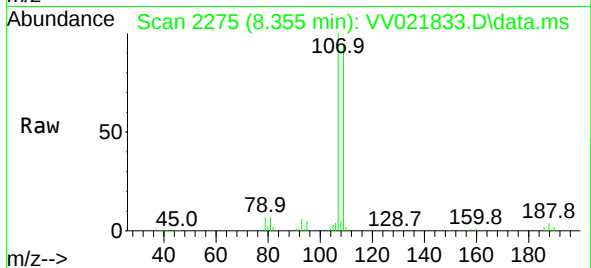
Tgt Ion:	129	Resp:	171339
Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.9	101.9



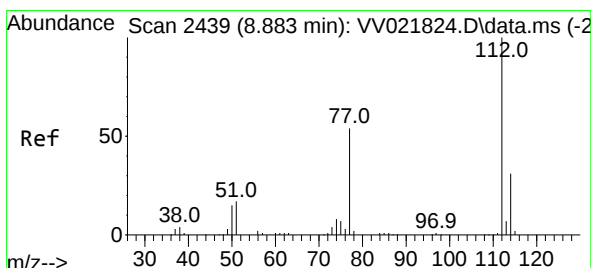
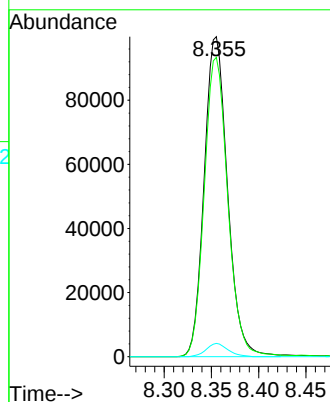
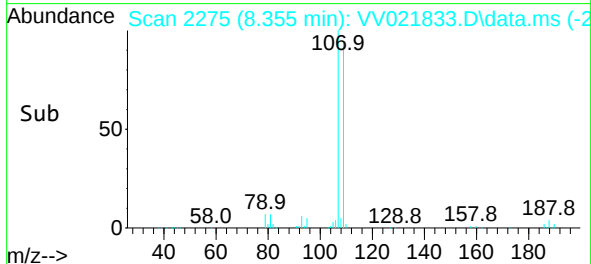


#50
1,2-Dibromoethane
Concen: 51.430 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

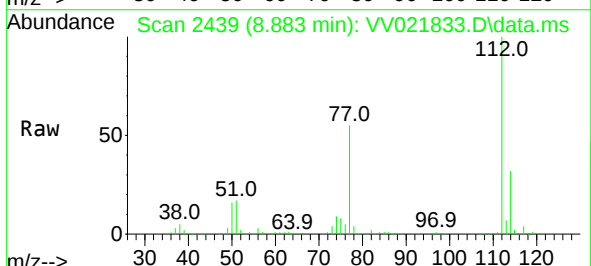
Instrument :
MSVOA_V
ClientSampled :



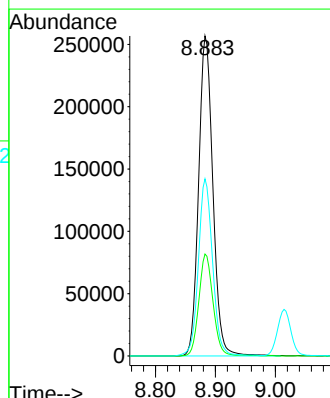
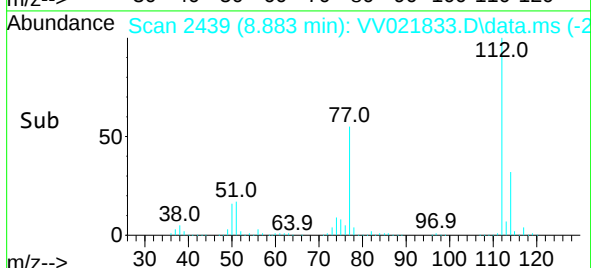
Tgt Ion:107 Resp: 171375
Ion Ratio Lower Upper
107 100
109 93.6 66.3 123.1
188 4.2 3.0 4.4

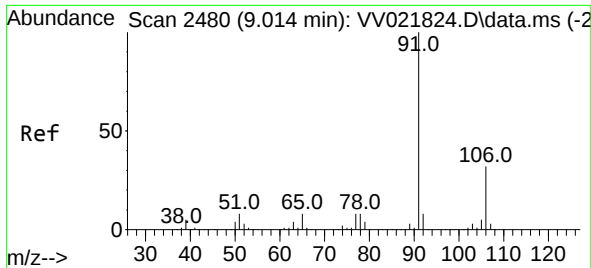


#51
Chlorobenzene
Concen: 50.609 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59



Tgt Ion:112 Resp: 426025
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 55.3 43.7 65.5

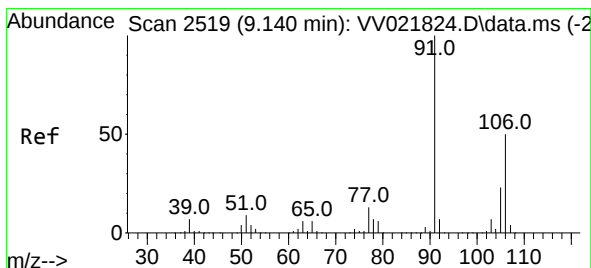
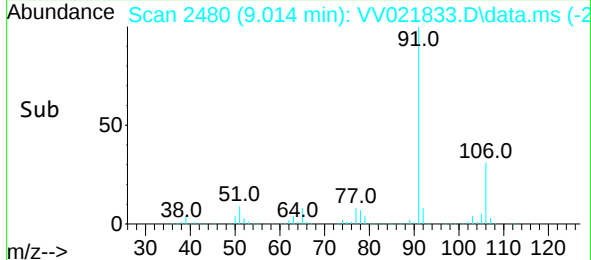
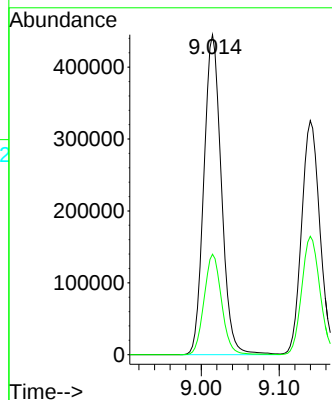
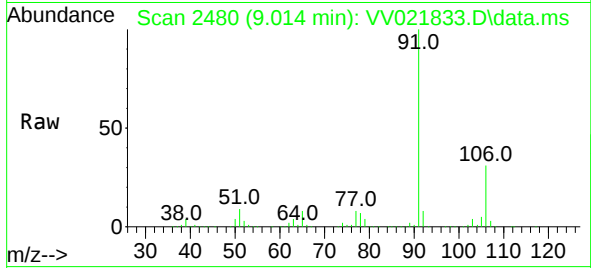




#52
Ethylbenzene
Concen: 50.552 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

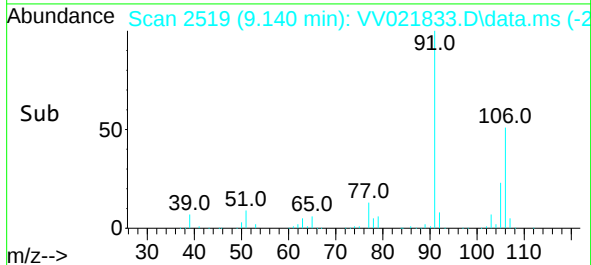
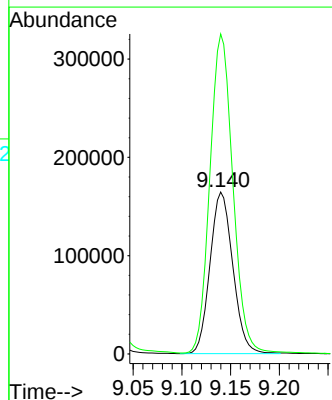
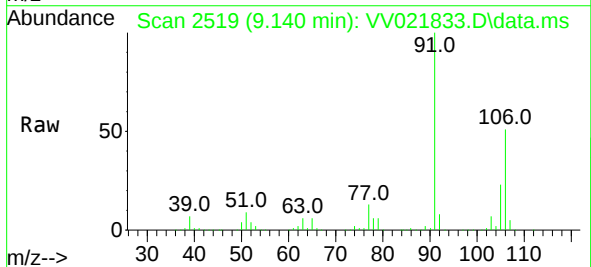
Instrument :
MSVOA_V
ClientSampled :

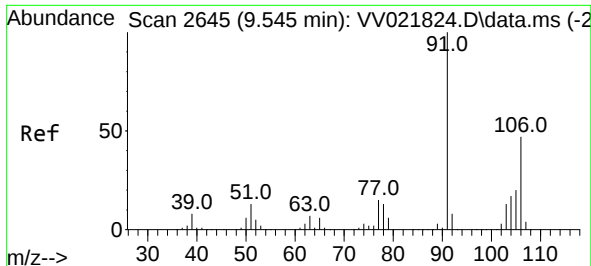
Tgt Ion: 91 Resp: 695325
Ion Ratio Lower Upper
91 100
106 31.4 22.2 41.2



#53
m,p-Xylene
Concen: 50.234 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 106 Resp: 267784
Ion Ratio Lower Upper
106 100
91 197.6 139.2 258.6

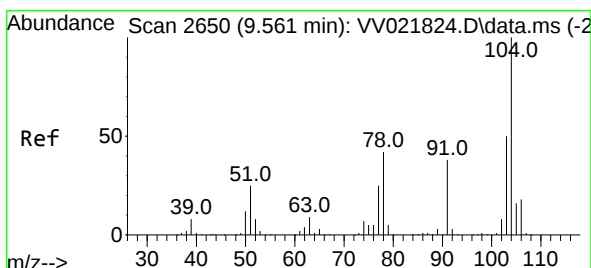
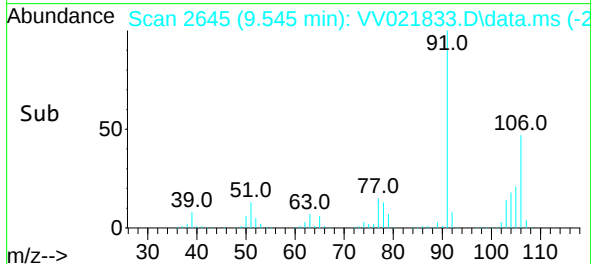
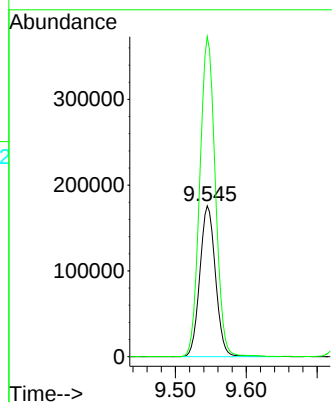
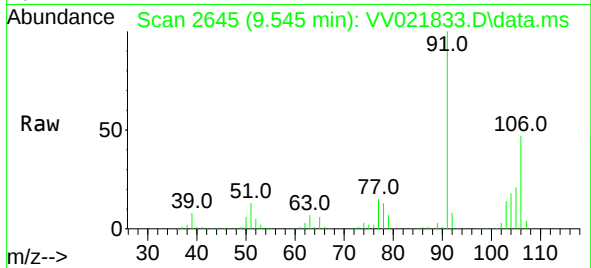




#54
o-Xylene
Concen: 51.034 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

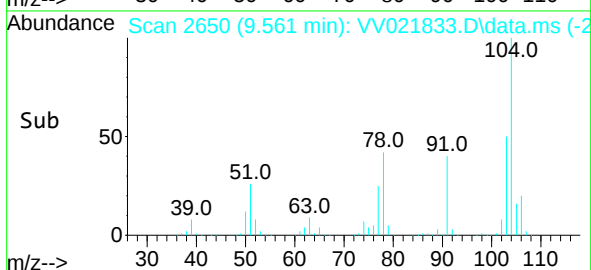
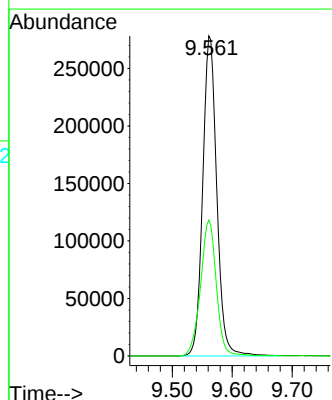
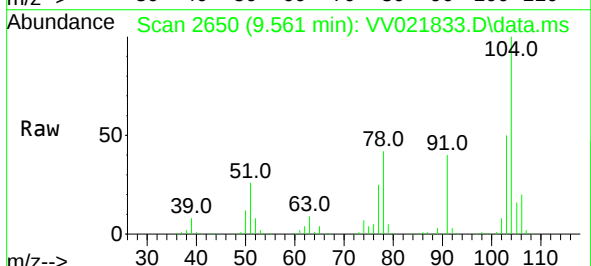
Instrument :
MSVOA_V
ClientSampleId :

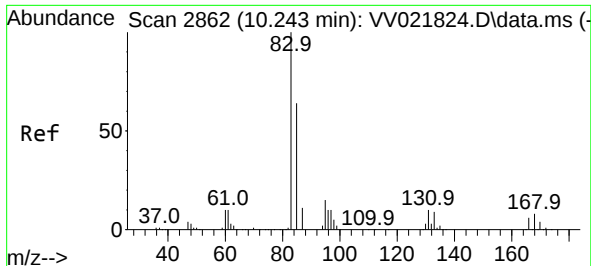
Tgt Ion:106 Resp: 269667
Ion Ratio Lower Upper
106 100
91 212.1 148.1 275.0



#55
Styrene
Concen: 51.433 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion:104 Resp: 455109
Ion Ratio Lower Upper
104 100
78 42.5 30.2 56.2

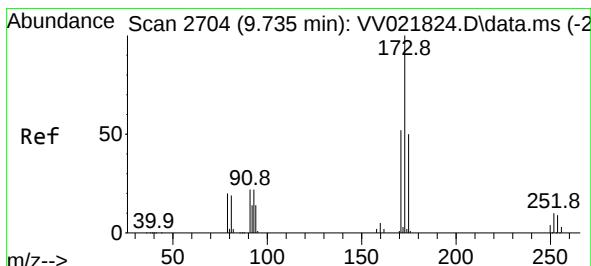
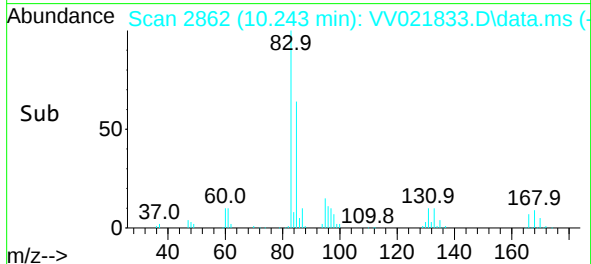
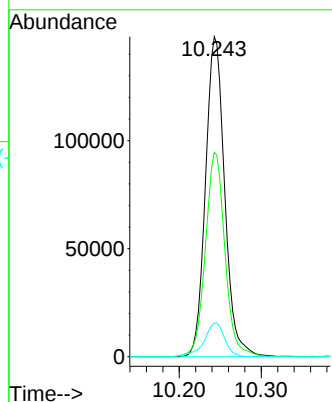
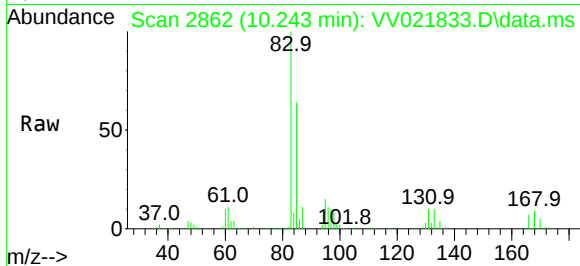




#57
 1,1,2,2-Tetrachloroethane
 Concen: 56.417 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV021833.D
 Acq: 17 Aug 2021 22:59

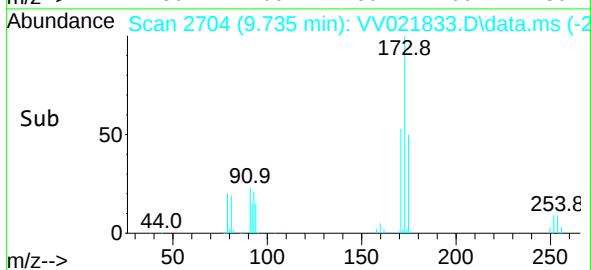
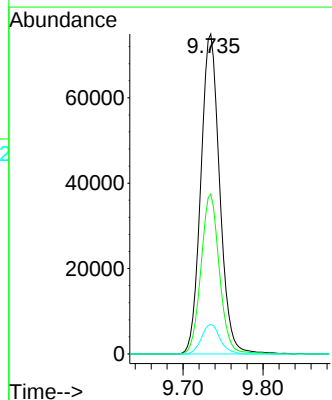
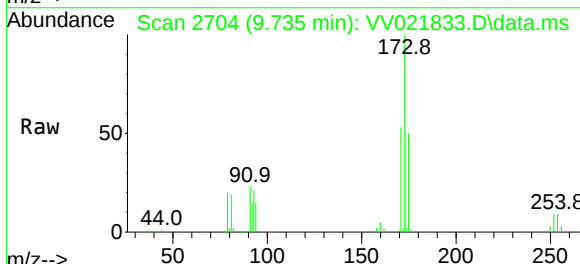
Instrument :
 MSVOA_V
 ClientSampled :

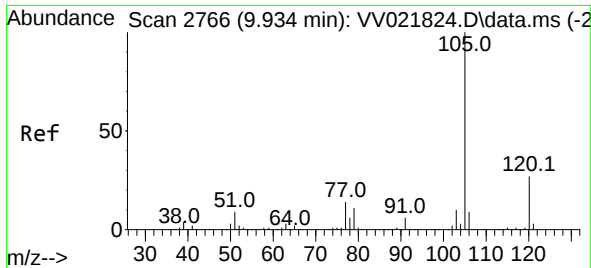
Tgt Ion:	83	Resp:	240487
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.4	82.5
131	10.5	7.9	11.9



#59
 Bromoform
 Concen: 50.263 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.000 min
 Lab File: VV021833.D
 Acq: 17 Aug 2021 22:59

Tgt Ion:	173	Resp:	123113
Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.6	58.0
254	9.0	7.2	10.8

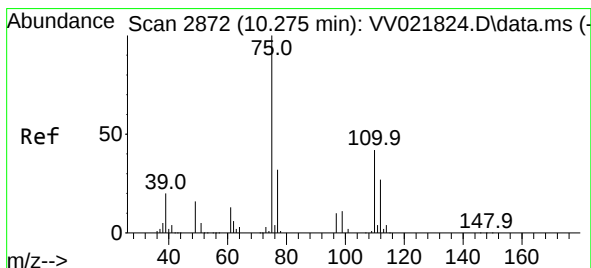
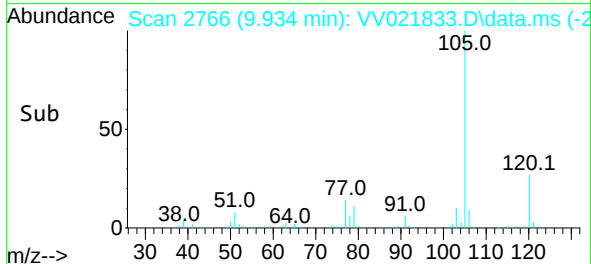
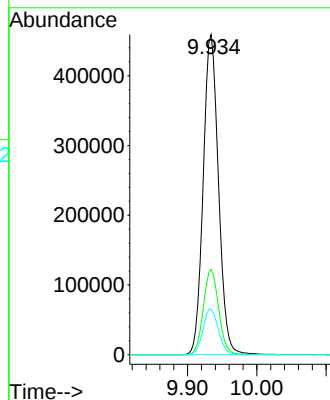
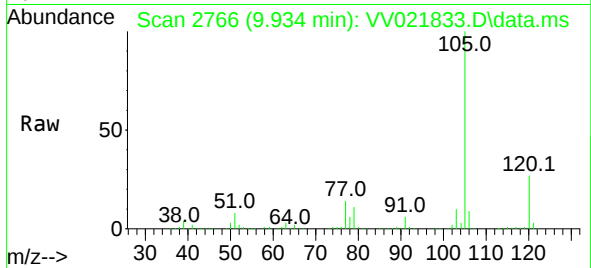




#60
Isopropylbenzene
Concen: 50.901 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

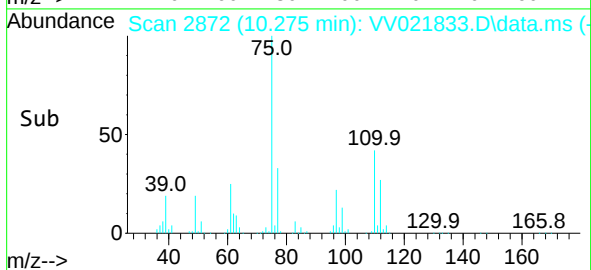
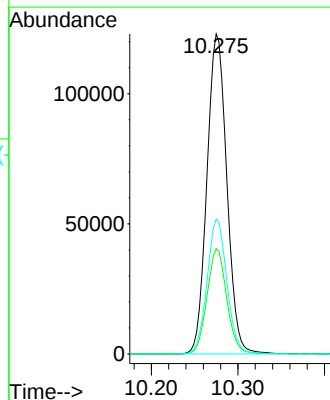
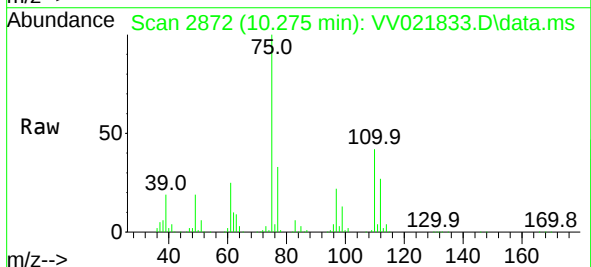
Instrument :
MSVOA_V
ClientSampled :

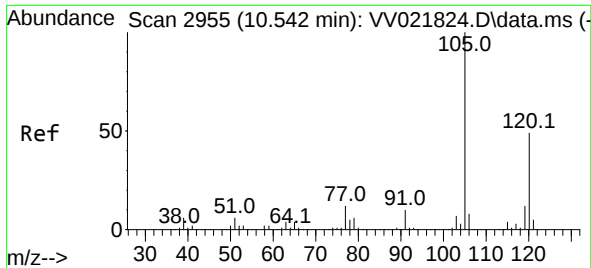
Tgt Ion:105 Resp: 703146
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 51.596 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 75 Resp: 196463
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
110 42.0 33.4 50.2

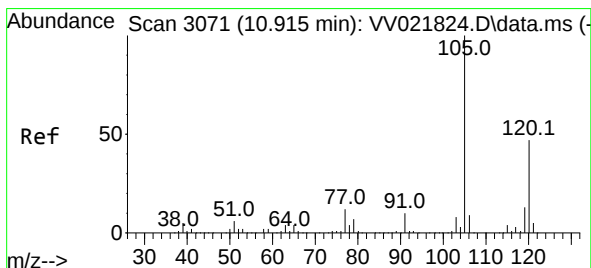
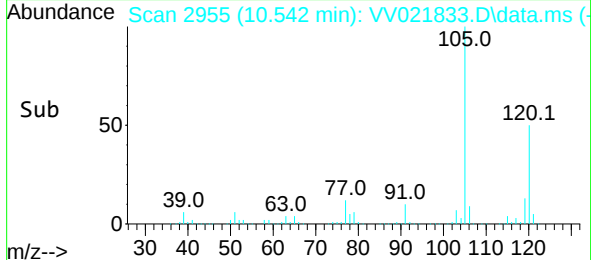
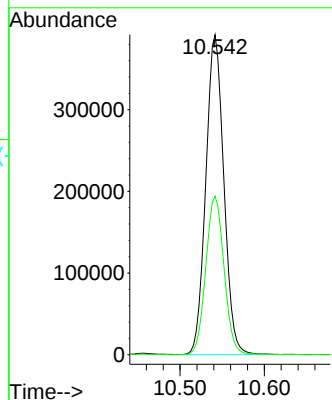
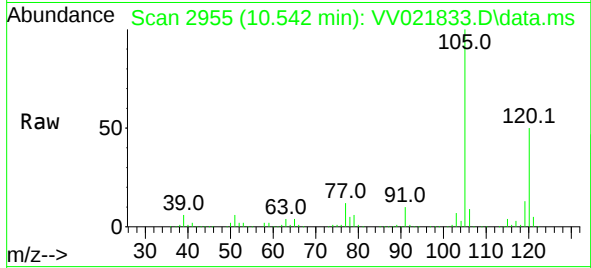




#62
1,3,5-Trimethylbenzene
Concen: 50.332 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

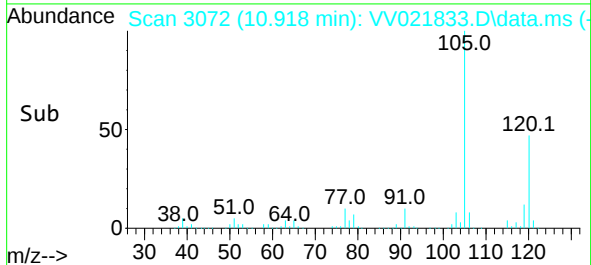
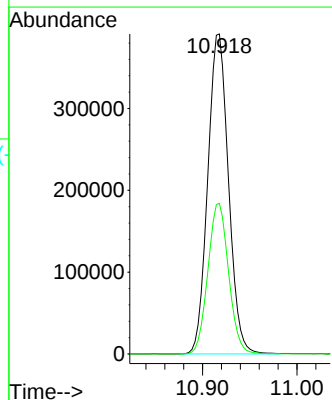
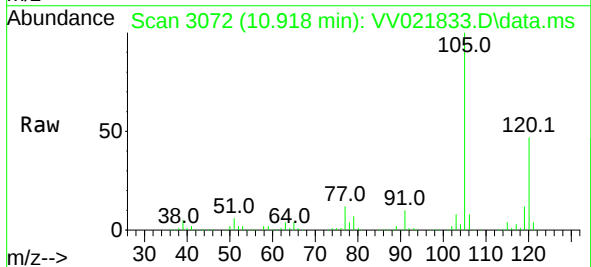
Instrument :
MSVOA_V
ClientSampled :

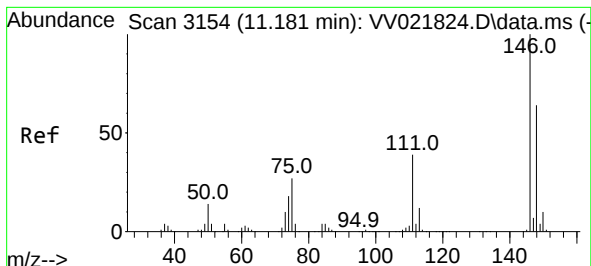
Tgt Ion:105 Resp: 583459
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 50.583 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion:105 Resp: 596207
Ion Ratio Lower Upper
105 100
120 47.0 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 49.399 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021833.D

Acq: 17 Aug 2021 22:59

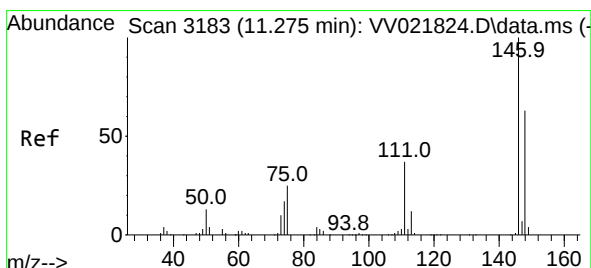
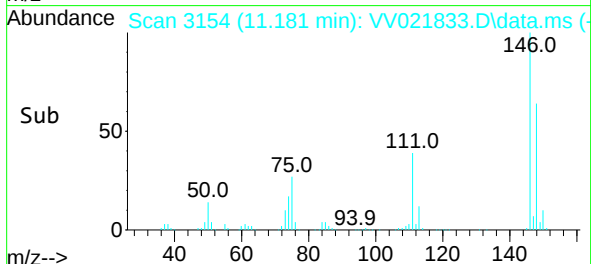
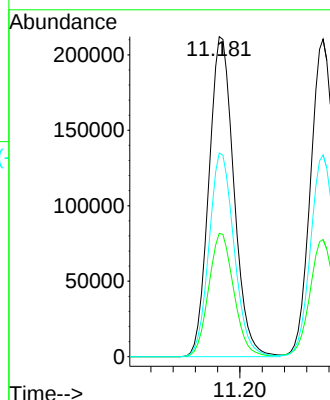
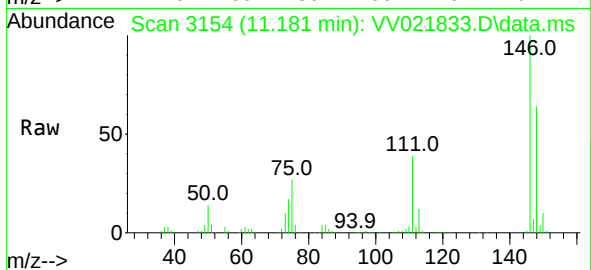
Tgt Ion:146 Resp: 330465

Ion Ratio Lower Upper

146 100

111 38.6 26.5 49.1

148 63.7 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 49.148 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021833.D

Acq: 17 Aug 2021 22:59

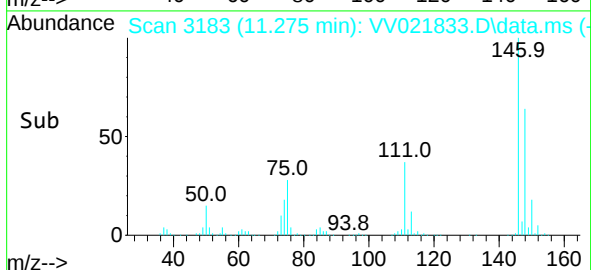
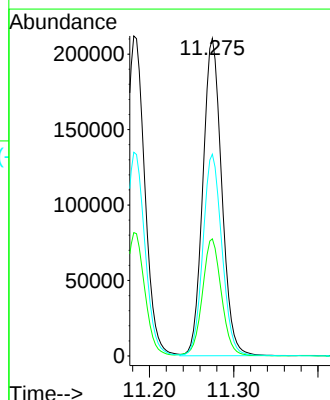
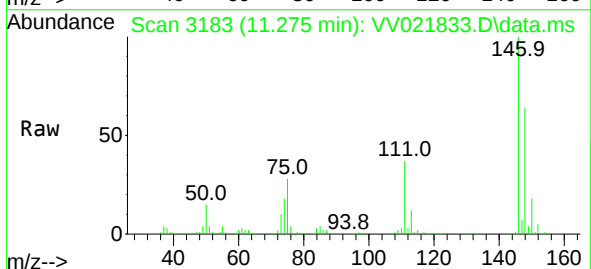
Tgt Ion:146 Resp: 328184

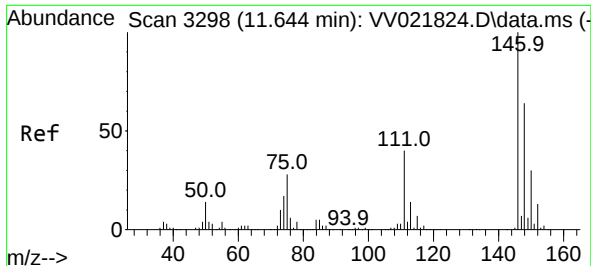
Ion Ratio Lower Upper

146 100

111 36.9 26.2 48.6

148 63.5 45.1 83.9

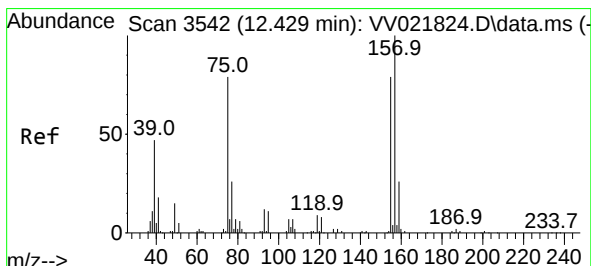
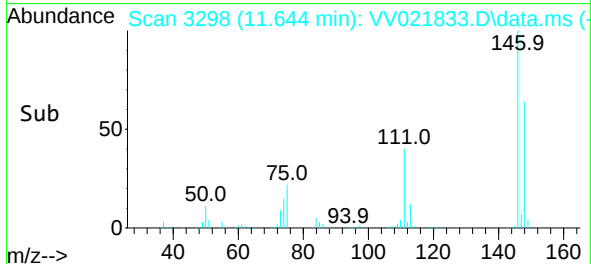
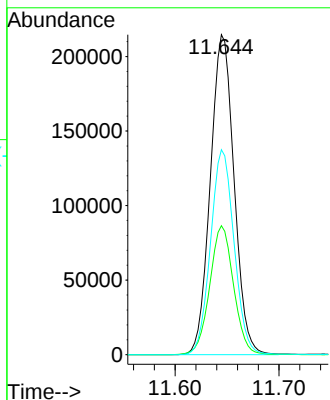
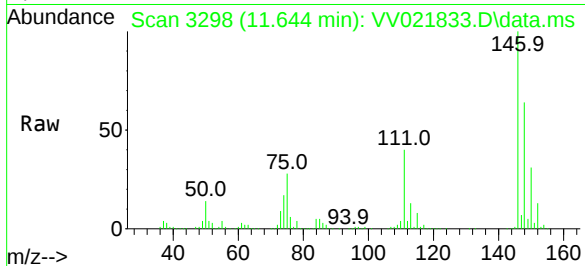




#67
1,2-Dichlorobenzene
Concen: 50.455 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

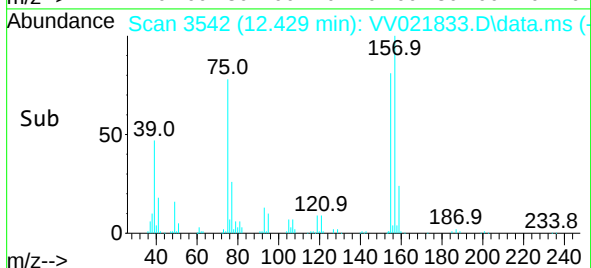
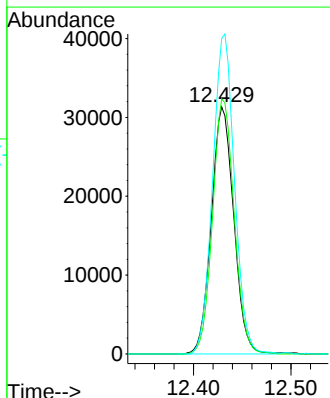
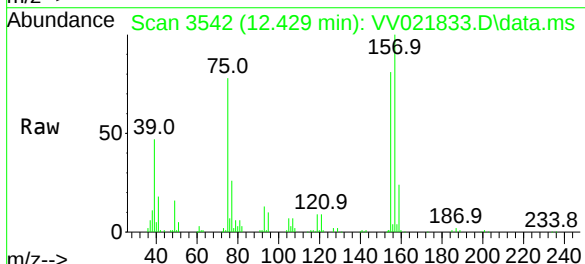
Instrument :
MSVOA_V
ClientSampleId :

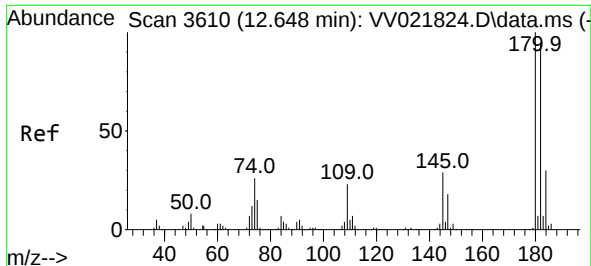
Tgt Ion:146 Resp: 340491
Ion Ratio Lower Upper
146 100
111 40.3 31.8 47.8
148 64.0 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 54.190 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion: 75 Resp: 50168
Ion Ratio Lower Upper
75 100
155 103.3 77.8 116.8
157 127.7 99.4 149.0

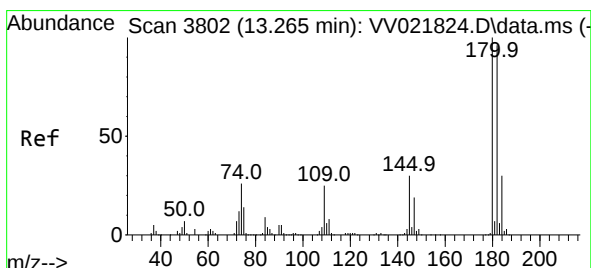
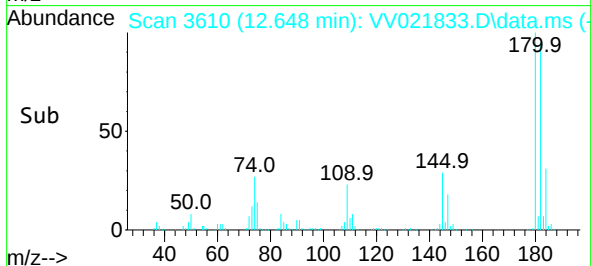
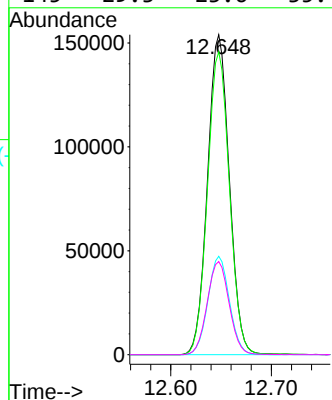
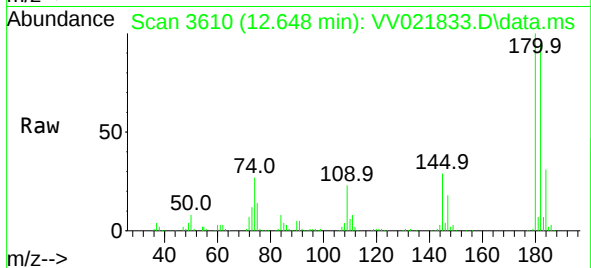




#69
1,3,5-Trichlorobenzene
Concen: 47.839 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

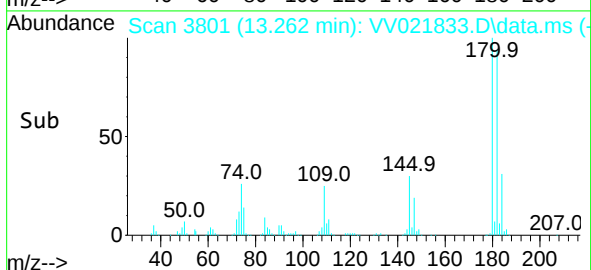
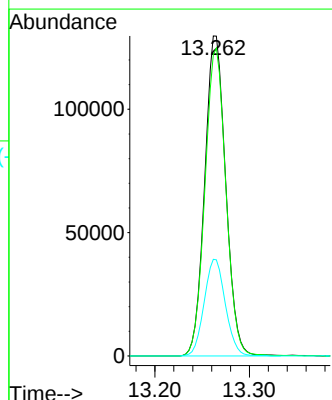
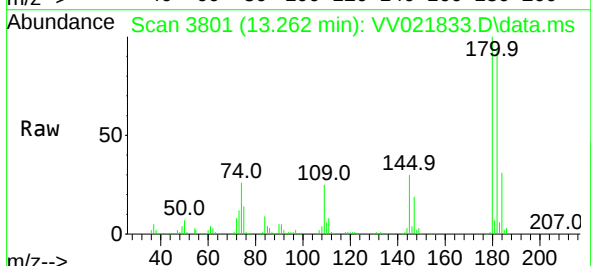
Instrument :
MSVOA_V
ClientSampleId :

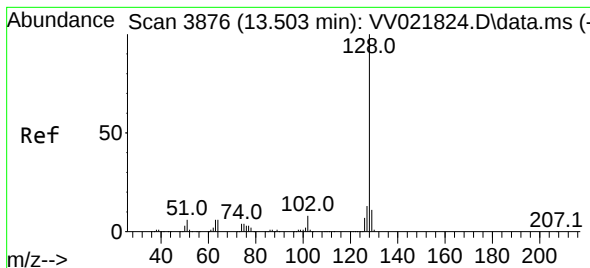
Tgt Ion:180 Resp: 231976
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
184 30.4 24.1 36.1
145 29.3 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 49.194 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion:180 Resp: 200066
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.6
145 30.4 23.9 35.9

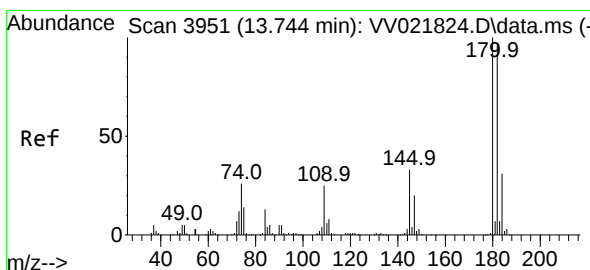
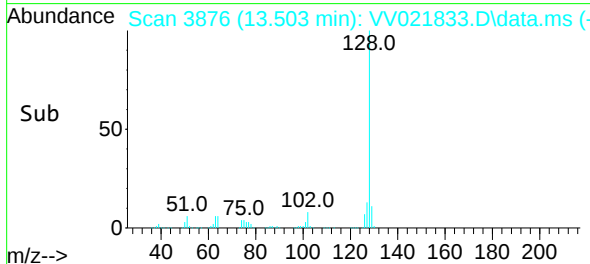
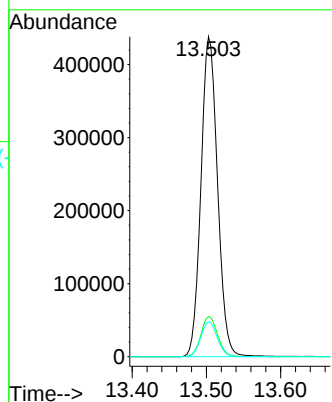
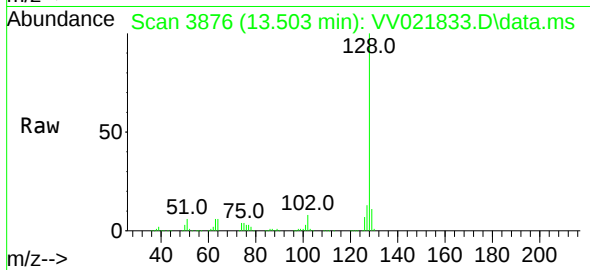




#71
Naphthalene
Concen: 57.490 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 679155
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.601 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021833.D
Acq: 17 Aug 2021 22:59

Tgt Ion:180 Resp: 206732
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.2
145 32.0 25.6 38.4

