

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
 Data File : VV022573.D
 Acq On : 05 Oct 2021 14:13
 Operator : SY/MD
 Sample : M3967-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:27:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

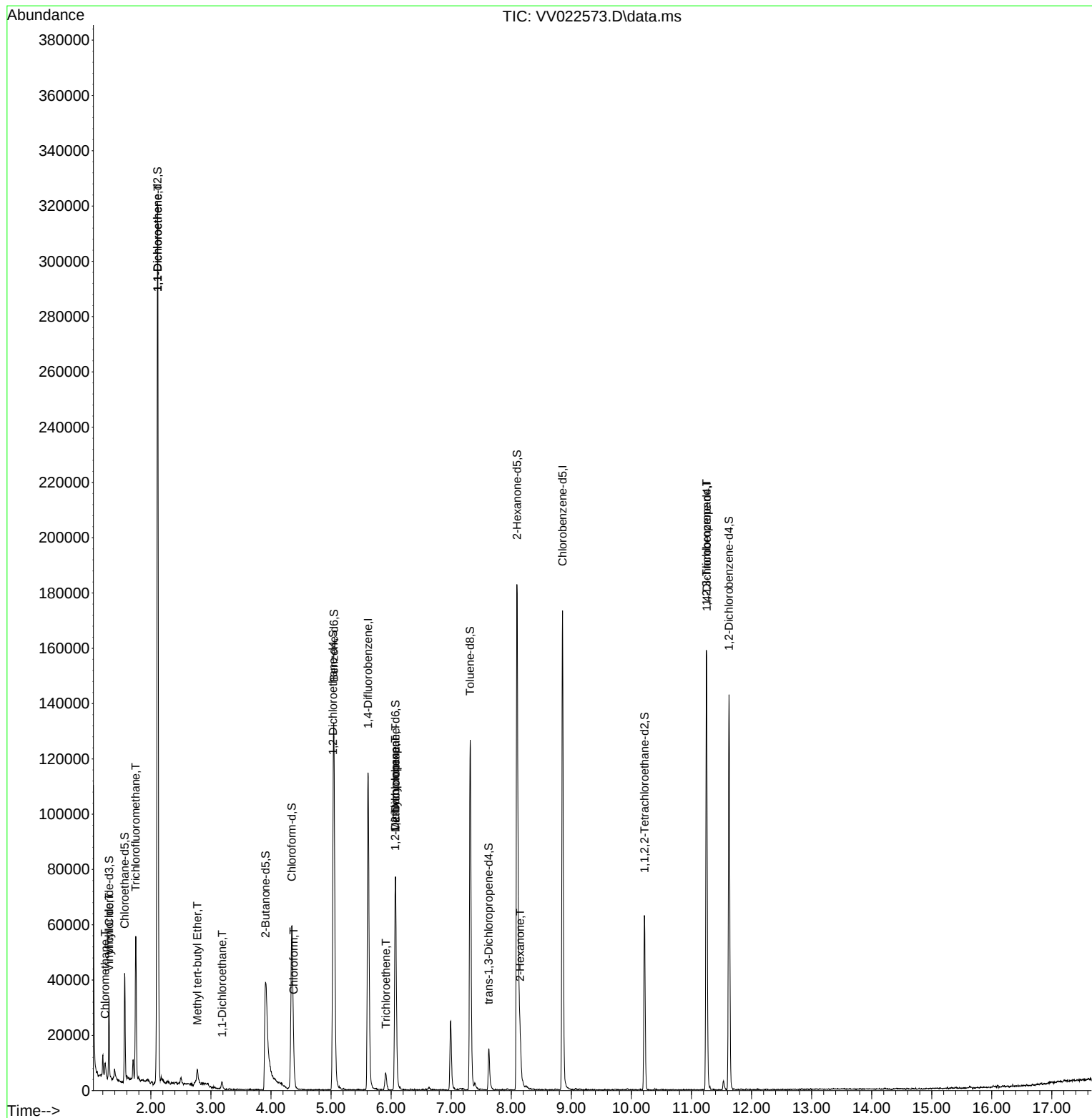
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	101144	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16433	5.071	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.565	69	23639	5.412	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.200%		
11) 1,1-Dichloroethene-d2	2.111	63	76550	8.141	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 162.800%#		
20) 2-Butanone-d5	3.908	46	87958	45.917	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 91.840%		
24) Chloroform-d	4.346	84	60430	4.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.800%		
26) 1,2-Dichloroethane-d4	5.034	65	32292	5.493	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.800%		
32) Benzene-d6	5.047	84	111841	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.400%		
36) 1,2-Dichloropropane-d6	6.072	67	37420	4.760	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.200%		
41) Toluene-d8	7.317	98	84539	4.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 90.600%		
43) trans-1,3-Dichloroprop...	7.625	79	9327	4.483	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.600%		
46) 2-Hexanone-d5	8.095	63	66692	51.776	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.560%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30116	5.042	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	39155	5.536	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.800%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	3900	0.506	ug/L	95
5) Vinyl chloride	1.307	62	453	0.058	ug/L #	24
9) Trichlorofluoromethane	1.748	101	30149	2.589	ug/L	99
12) 1,1-Dichloroethene	2.114	96	83652	13.501	ug/L	89
17) Methyl tert-butyl Ether	2.773	73	4983	0.316	ug/L #	91
19) 1,1-Dichloroethane	3.185	63	2318	0.191	ug/L	99
25) Chloroform	4.378	83	5328	0.403	ug/L	97
34) Trichloroethene	5.912	95	784	0.101	ug/L	78
35) Methylcyclohexane	6.072	83	9978	0.920	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	4360	0.670	ug/L #	84
48) 2-Hexanone	8.146	43	6413	2.489	ug/L #	87
61) 1,2,3-Trichloropropane	11.249	75	4688	1.383	ug/L #	60

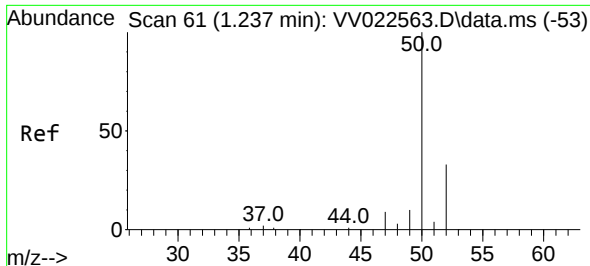
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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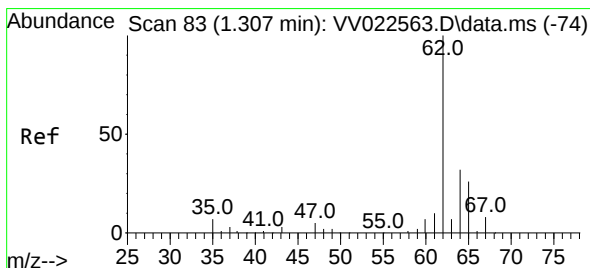
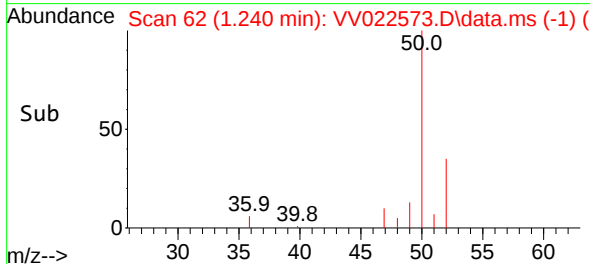
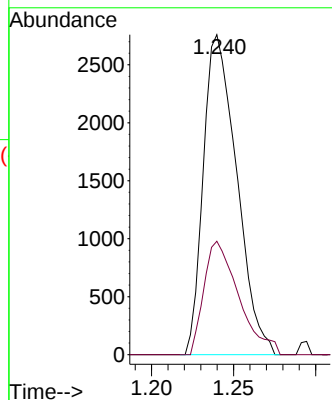
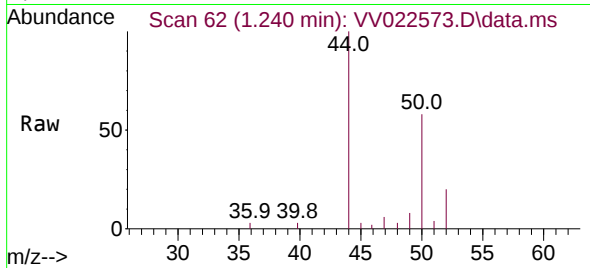




#3
Chloromethane
Concen: 0.506 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV022573.D
Acq: 05 Oct 2021 14:13

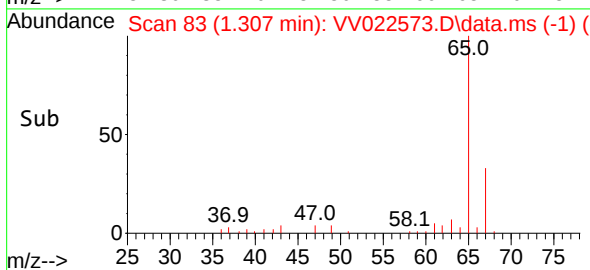
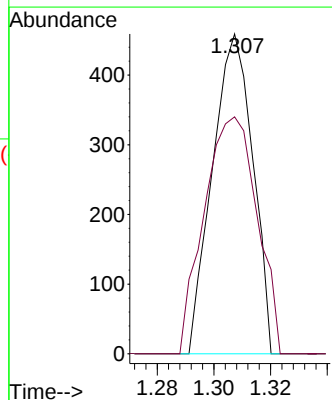
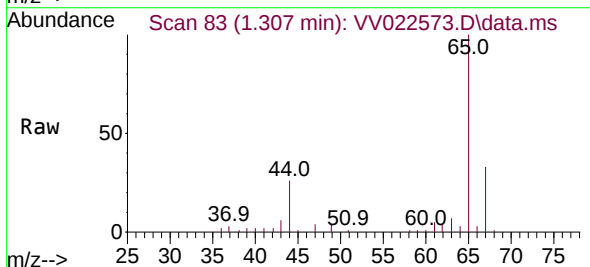
Instrument :
MSVOA_V
ClientSampled :

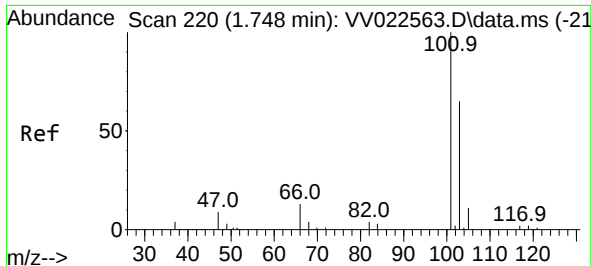
Tgt Ion: 50 Resp: 3900
Ion Ratio Lower Upper
50 100
52 35.5 23.0 42.8



#5
Vinyl chloride
Concen: 0.058 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.000 min
Lab File: VV022573.D
Acq: 05 Oct 2021 14:13

Tgt Ion: 62 Resp: 453
Ion Ratio Lower Upper
62 100
64 74.1 22.3 41.5#

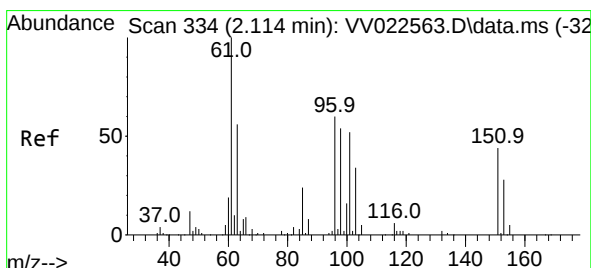
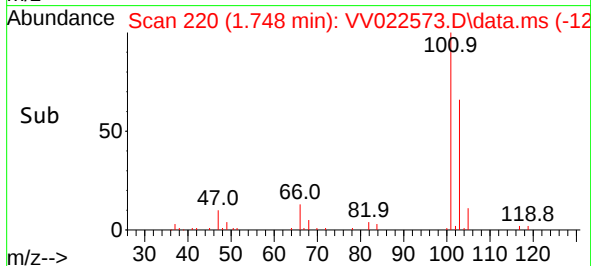
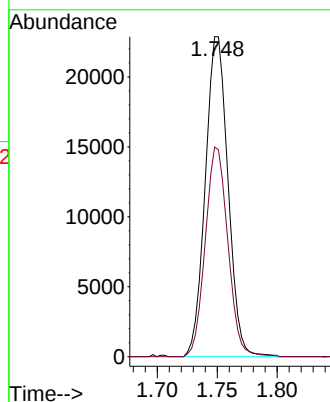
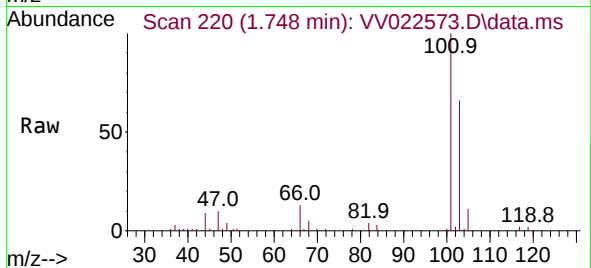




#9
 Trichlorofluoromethane
 Concen: 2.589 ug/L
 RT: 1.748 min Scan# 220
 Delta R.T. -0.000 min
 Lab File: VV022573.D
 Acq: 05 Oct 2021 14:13

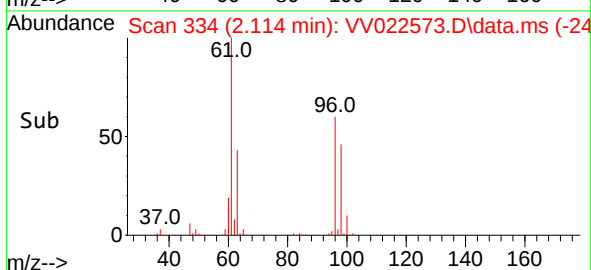
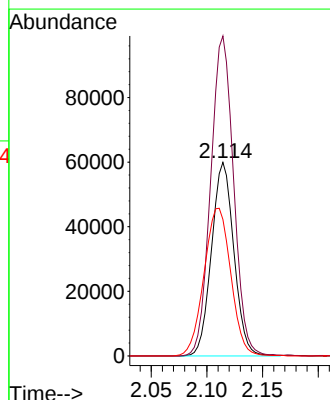
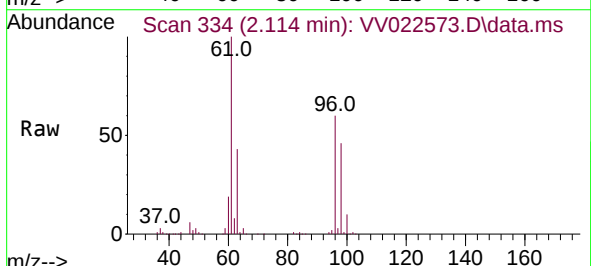
Instrument :
 MSVOA_V
 ClientSampled :

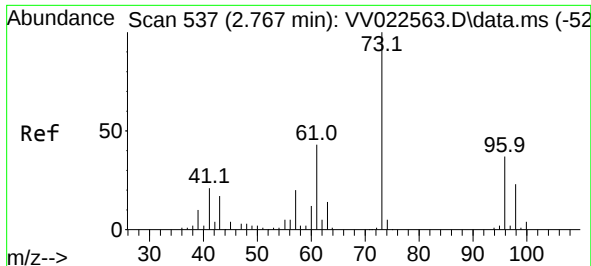
Tgt Ion:101 Resp: 30149
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2



#12
 1,1-Dichloroethene
 Concen: 13.501 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022573.D
 Acq: 05 Oct 2021 14:13

Tgt Ion: 96 Resp: 83652
 Ion Ratio Lower Upper
 96 100
 61 165.3 113.2 210.2
 63 70.5 66.6 123.8



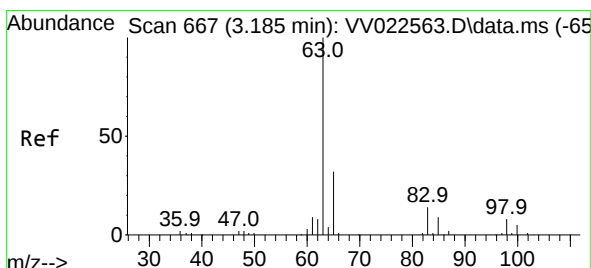
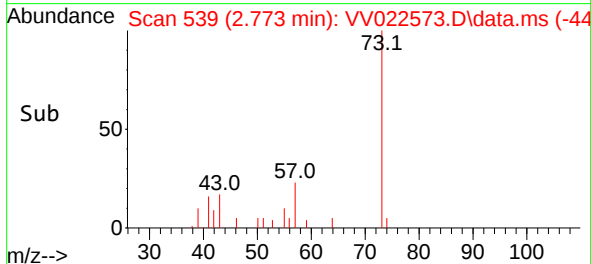
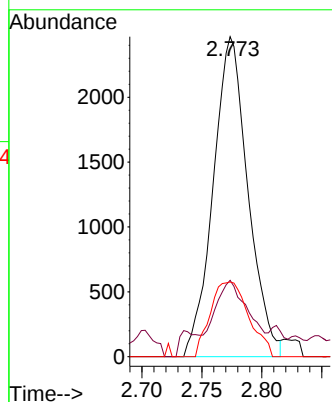
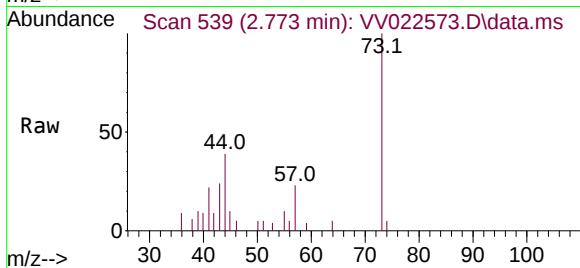


#17

Methyl tert-butyl Ether
 Concen: 0.316 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. 0.006 min
 Lab File: VV022573.D
 Acq: 05 Oct 2021 14:13

Instrument :
 MSVOA_V
 ClientSampled :

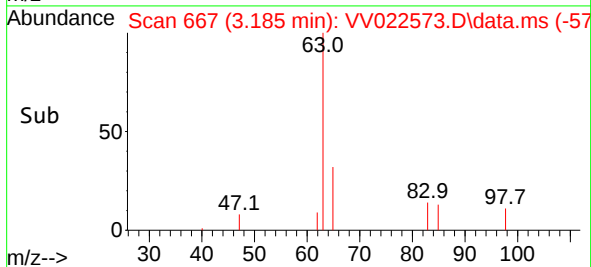
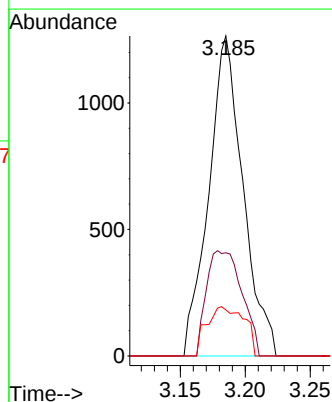
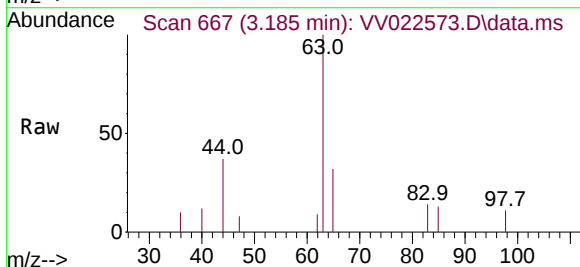
Tgt Ion: 73 Resp: 4983
 Ion Ratio Lower Upper
 73 100
 43 15.4 16.3 24.5#
 57 25.7 17.5 26.3

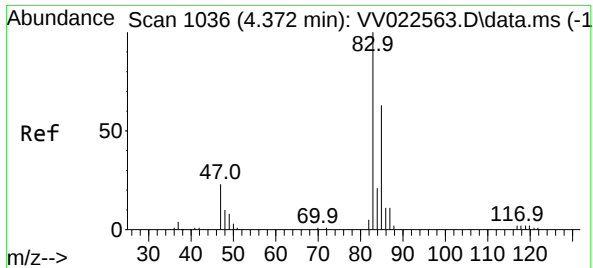


#19

1,1-Dichloroethane
 Concen: 0.191 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV022573.D
 Acq: 05 Oct 2021 14:13

Tgt Ion: 63 Resp: 2318
 Ion Ratio Lower Upper
 63 100
 65 32.3 22.8 42.4
 83 14.4 10.2 19.0

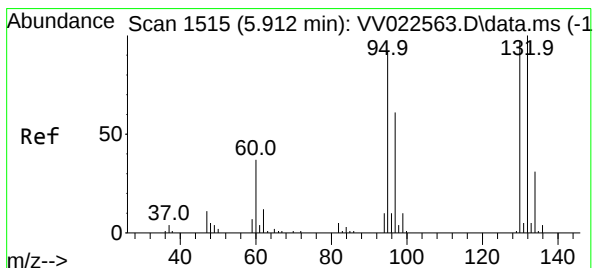
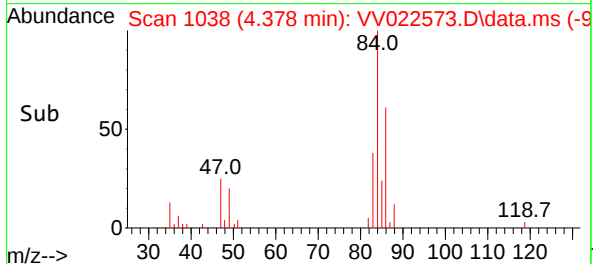
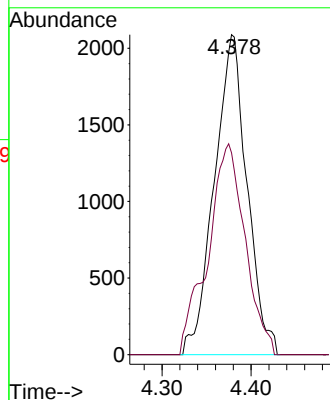
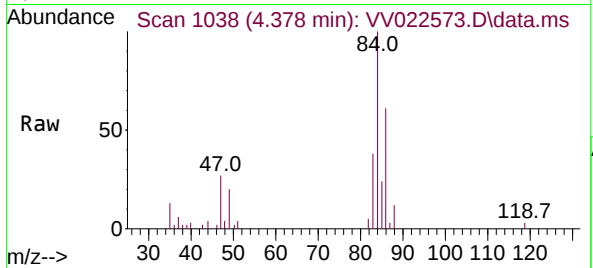




#25
Chloroform
Concen: 0.403 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022573.D
Acq: 05 Oct 2021 14:13

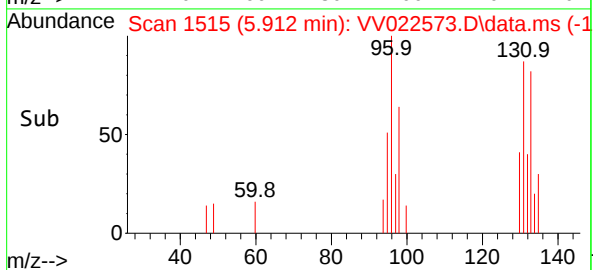
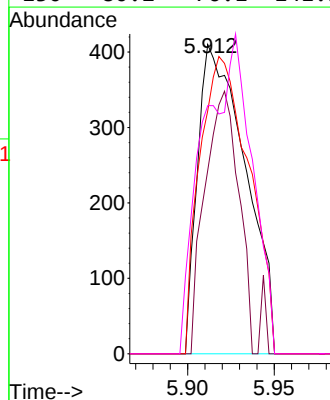
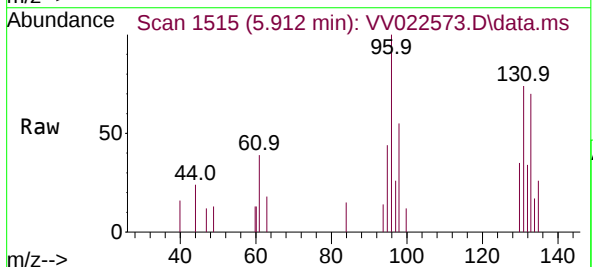
Instrument :
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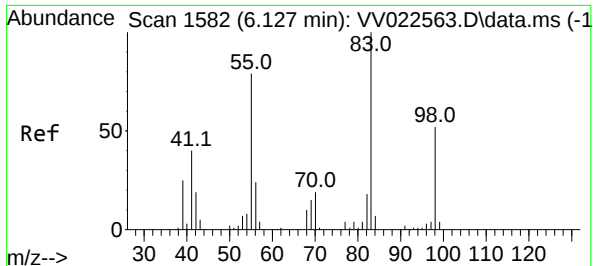
Tgt Ion: 83 Resp: 5328
Ion Ratio Lower Upper
83 100
85 63.0 45.6 84.8



#34
Trichloroethene
Concen: 0.101 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV022573.D
Acq: 05 Oct 2021 14:13

Tgt Ion: 95 Resp: 784
Ion Ratio Lower Upper
95 100
97 59.3 46.5 86.5
132 78.5 73.0 135.6
130 80.2 76.1 141.3

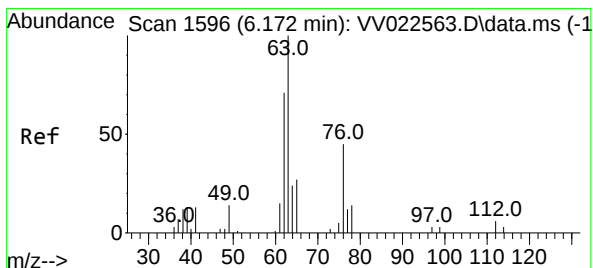
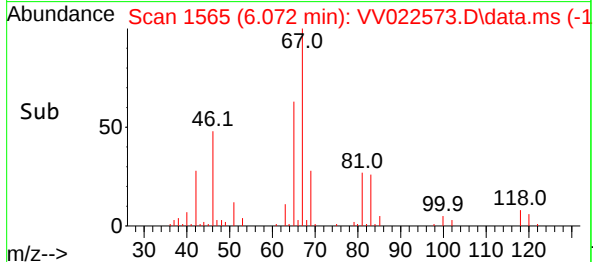
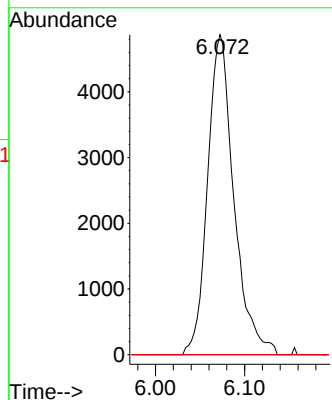
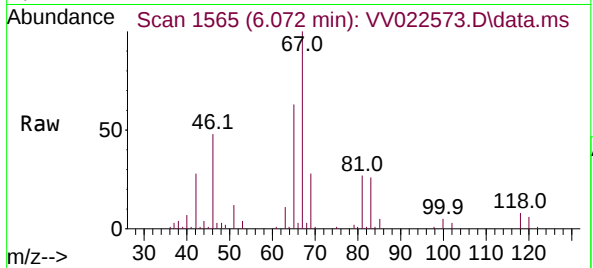




#35
Methylcyclohexane
Concen: 0.920 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022573.D
Acq: 05 Oct 2021 14:13

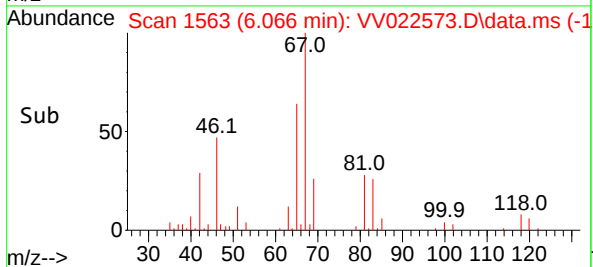
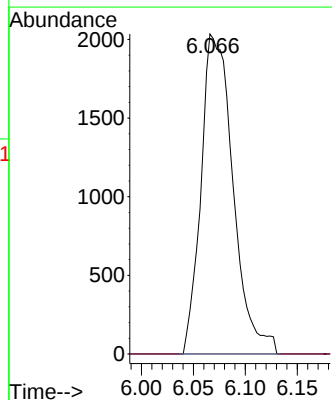
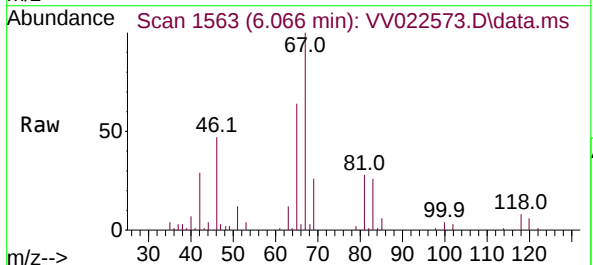
Instrument :
MSVOA_V
ClientSampled :

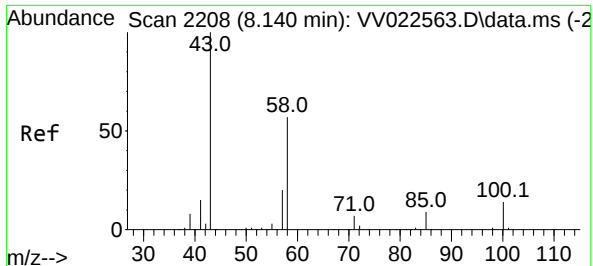
Tgt Ion: 83 Resp: 9978
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.7 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV022573.D
Acq: 05 Oct 2021 14:13

Tgt Ion: 63 Resp: 4360
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

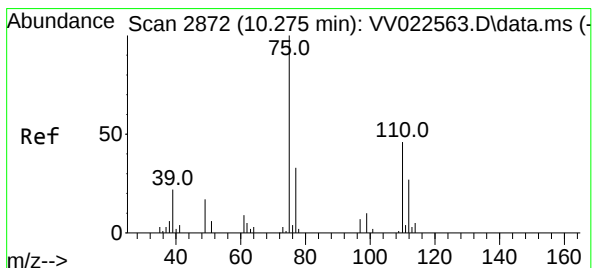
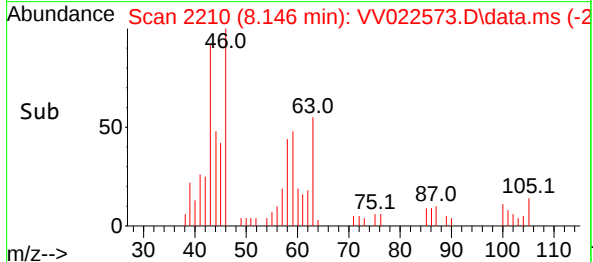
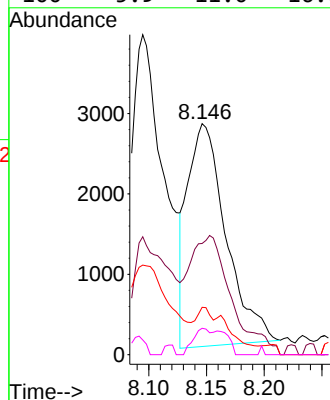
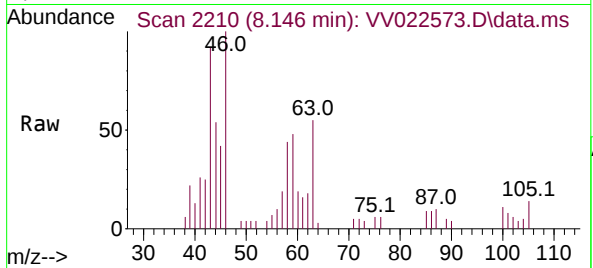




#48
2-Hexanone
Concen: 2.489 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV022573.D
Acq: 05 Oct 2021 14:13

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ClientSampleId :

Tgt Ion:	43	Resp:	6413
Ion Ratio	Lower	Upper	
43	100		
58	59.3	46.4	69.6
57	2.5	16.3	24.5#
100	5.9	11.0	16.6#



#61
1,2,3-Trichloropropane
Concen: 1.383 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022573.D
Acq: 05 Oct 2021 14:13

Tgt Ion:	75	Resp:	4688
Ion Ratio	Lower	Upper	
75	100		
77	38.7	26.1	39.1
110	2.3	33.0	49.6#

