

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024078.D
 Acq On : 17 Dec 2021 20:40
 Operator : SY/MD
 Sample : M5133-20DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:49:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

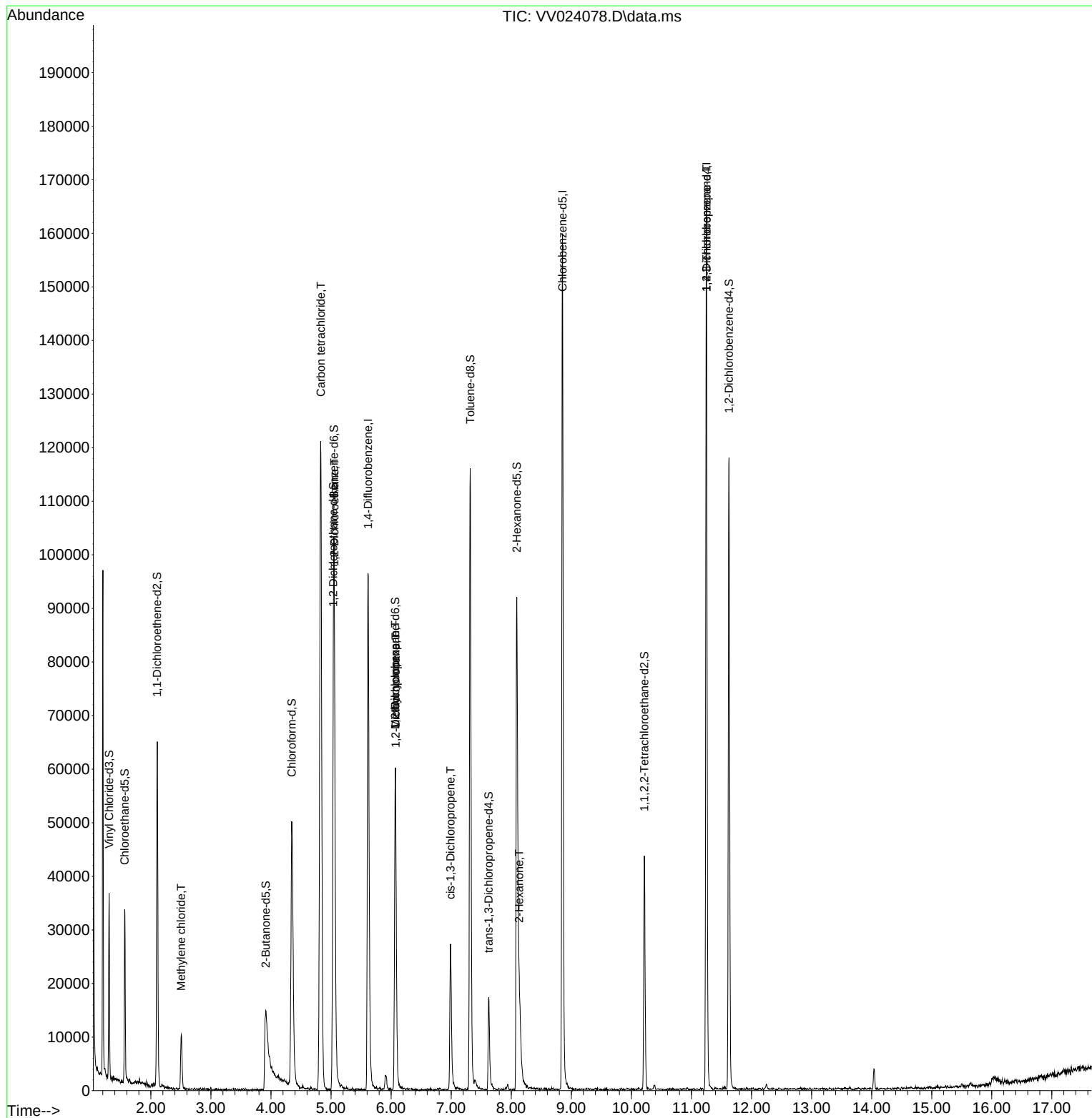
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	84995	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	90223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	43466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	20614	4.511	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.564	69	19143	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.105	63	33429	3.748	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.000%	
20) 2-Butanone-d5	3.912	46	32273	36.152	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.300%	
24) Chloroform-d	4.346	84	49903	4.822	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.037	65	25339	5.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.050	84	91733	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.069	67	26683	4.949	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.317	98	78406	4.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.625	79	10018	4.479	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.092	63	38307	38.259	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19315	4.319	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	32203	5.546	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						
16) Methylene chloride	2.507	84	4433	0.594	ug/L	91
27) 1,2-Dichloroethane	5.056	62	648	0.095	ug/L #	73
31) Carbon tetrachloride	4.828	117	87677	7.902	ug/L	97
35) Methylcyclohexane	6.069	83	7497	0.708	ug/L #	23
37) 1,2-Dichloropropane	6.076	63	3569	0.588	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	792	0.088	ug/L #	55
48) 2-Hexanone	8.130	43	1602	0.758	ug/L #	36
61) 1,2,3-Trichloropropane	11.249	75	4581	1.547	ug/L #	61

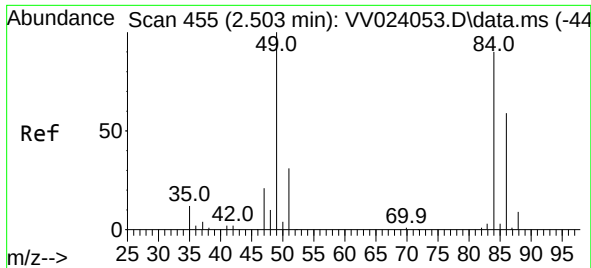
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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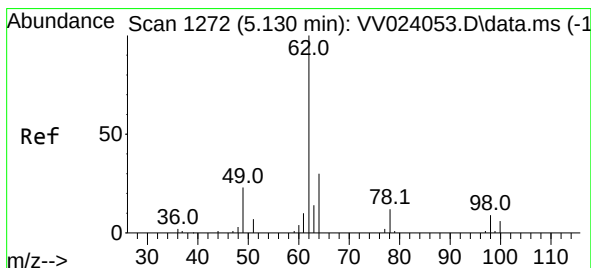
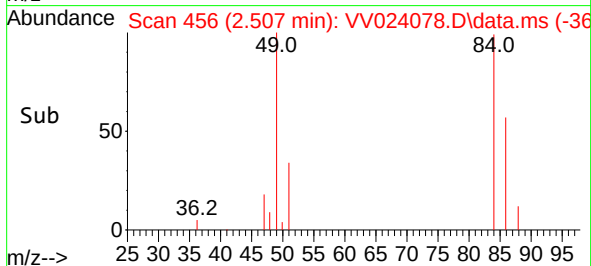
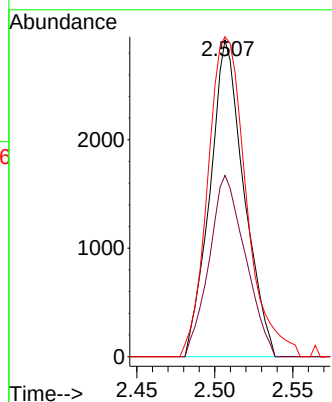
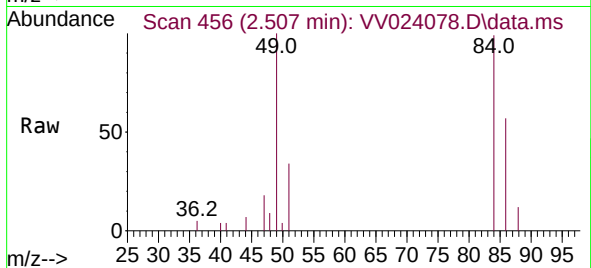




#16
Methylene chloride
Concen: 0.594 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024078.D
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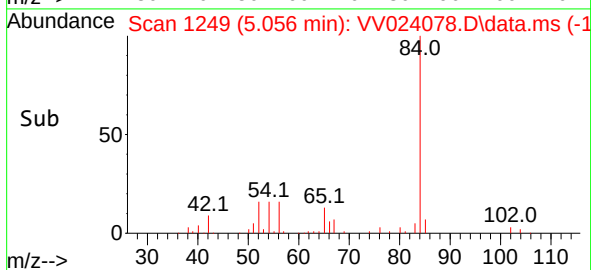
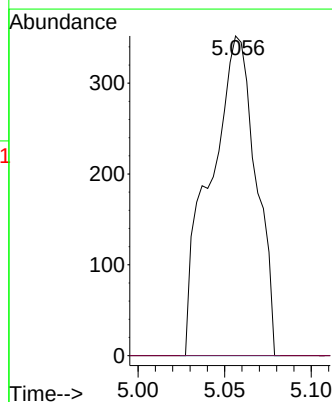
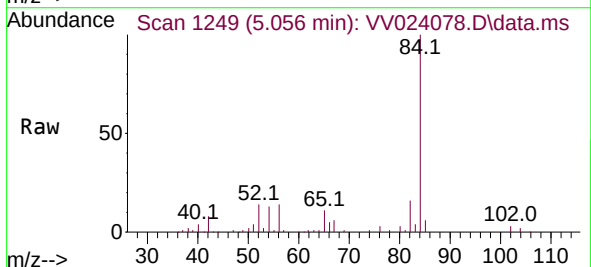
Instrument :
MSVOA_V
ClientSampleId :

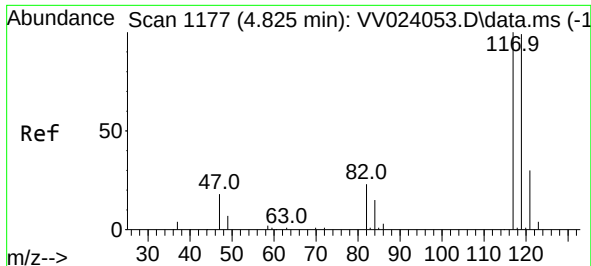
Tgt Ion: 84 Resp: 4433
Ion Ratio Lower Upper
84 100
86 57.2 42.6 79.0
49 101.1 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV024078.D
Acq: 17 Dec 2021 20:40

Tgt Ion: 62 Resp: 648
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

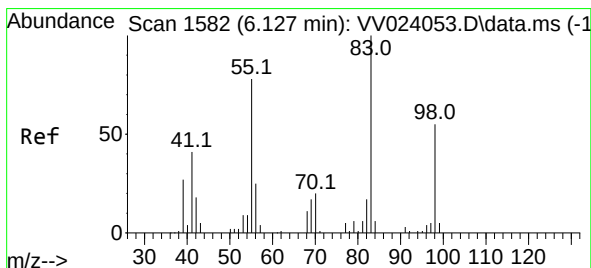
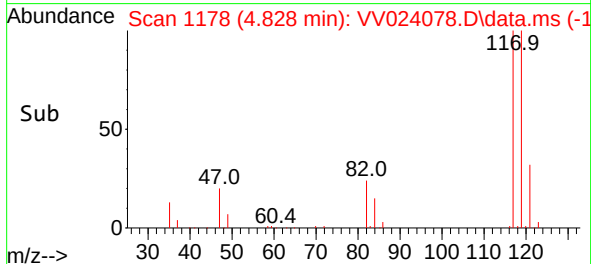
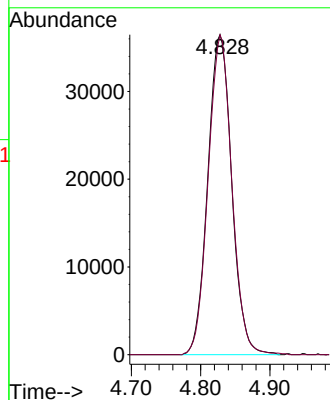
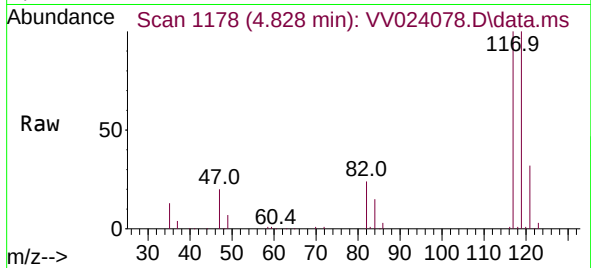




#31
Carbon tetrachloride
Concen: 7.902 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024078.D
Acq: 17 Dec 2021 20:40

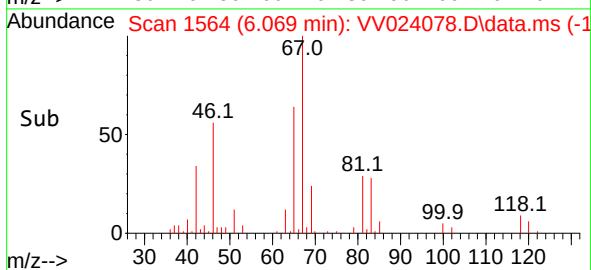
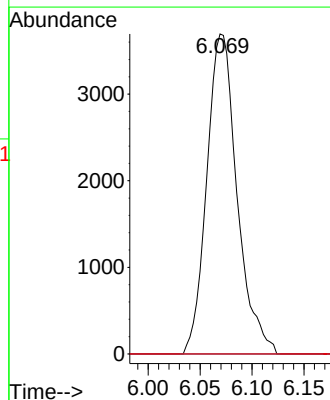
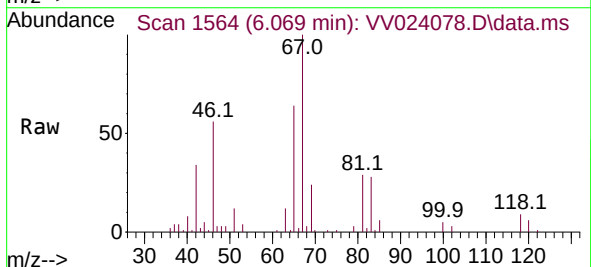
Instrument :
MSVOA_V
ClientSampleId :

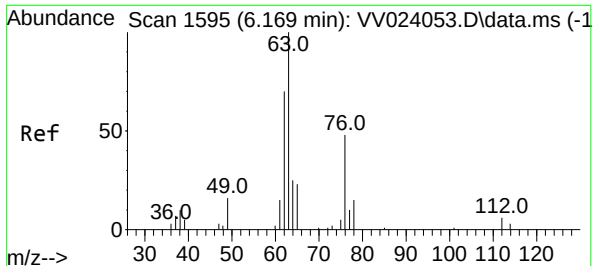
Tgt Ion:117 Resp: 87677
Ion Ratio Lower Upper
117 100
119 98.7 76.6 114.8



#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024078.D
Acq: 17 Dec 2021 20:40

Tgt Ion: 83 Resp: 7497
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 9.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV024078.D

Acq: 17 Dec 2021 20:40

Instrument :

MSVOA_V

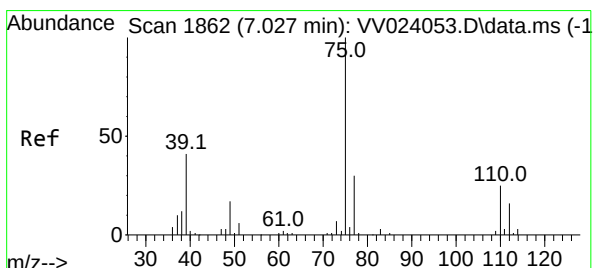
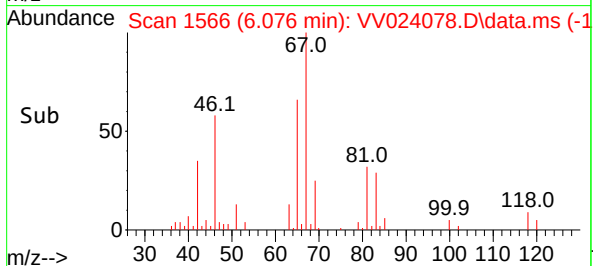
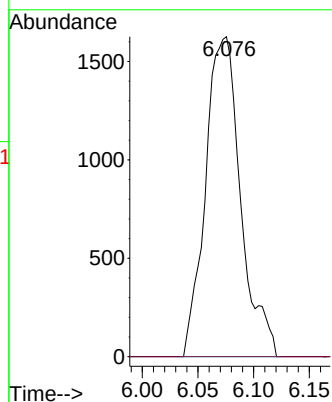
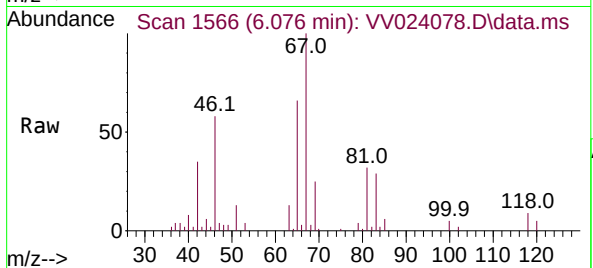
ClientSampleId :

Tgt Ion: 63 Resp: 3569

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV024078.D

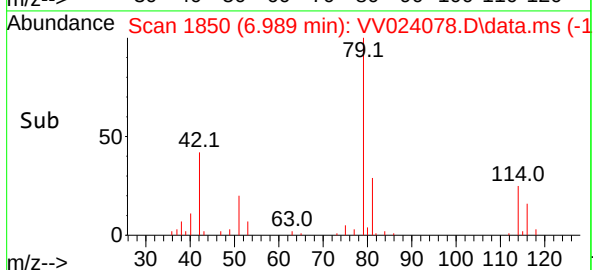
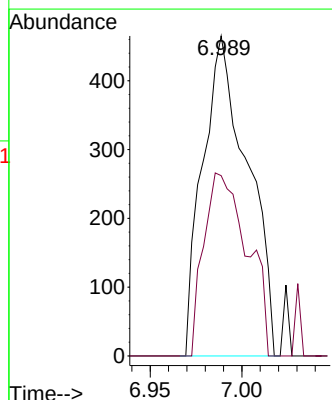
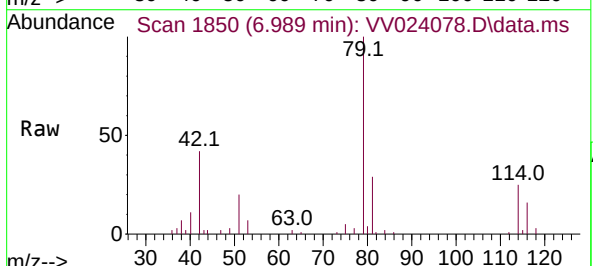
Acq: 17 Dec 2021 20:40

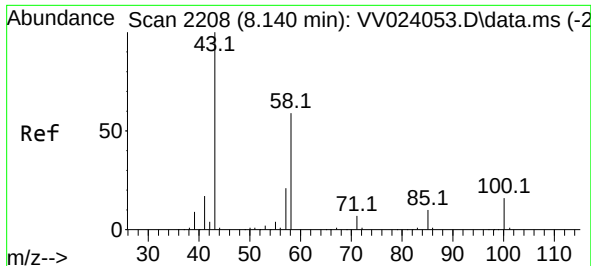
Tgt Ion: 75 Resp: 792

Ion Ratio Lower Upper

75 100

77 56.3 22.0 41.0#



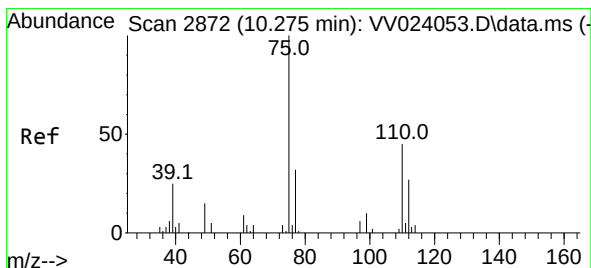
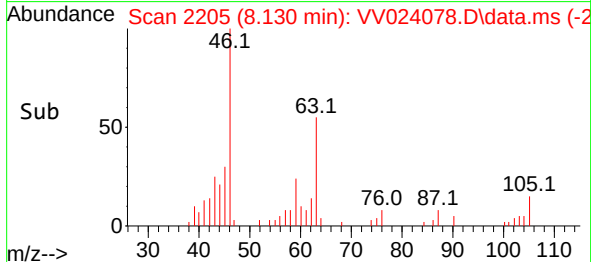
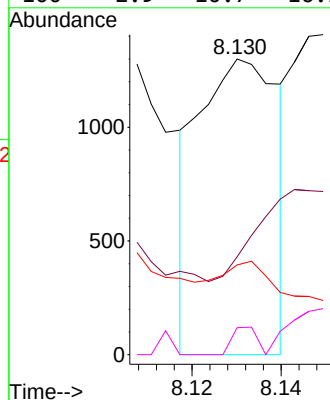
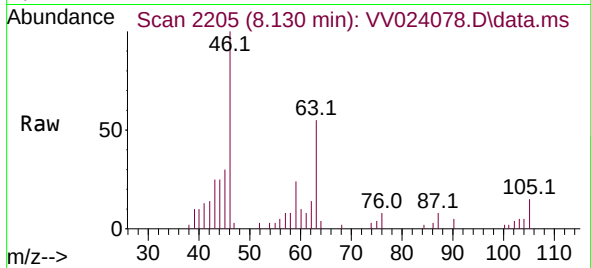


#48
2-Hexanone
Concen: 0.758 ug/L
RT: 8.130 min Scan# 21
Delta R.T. -0.010 min
Lab File: VV024078.D
Acq: 17 Dec 2021 20:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 1602

Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.5	66.7#
57	42.8	15.1	22.7#
100	2.9	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 1.547 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV024078.D
Acq: 17 Dec 2021 20:40

Tgt Ion: 75 Resp: 4581

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.4	39.6
110	1.4	34.2	51.2#

