

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
 Data File : VU052477.D
 Acq On : 21 Dec 2022 15:10
 Operator : JC/MD
 Sample : N6156-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEL9

Quant Time: Dec 22 00:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

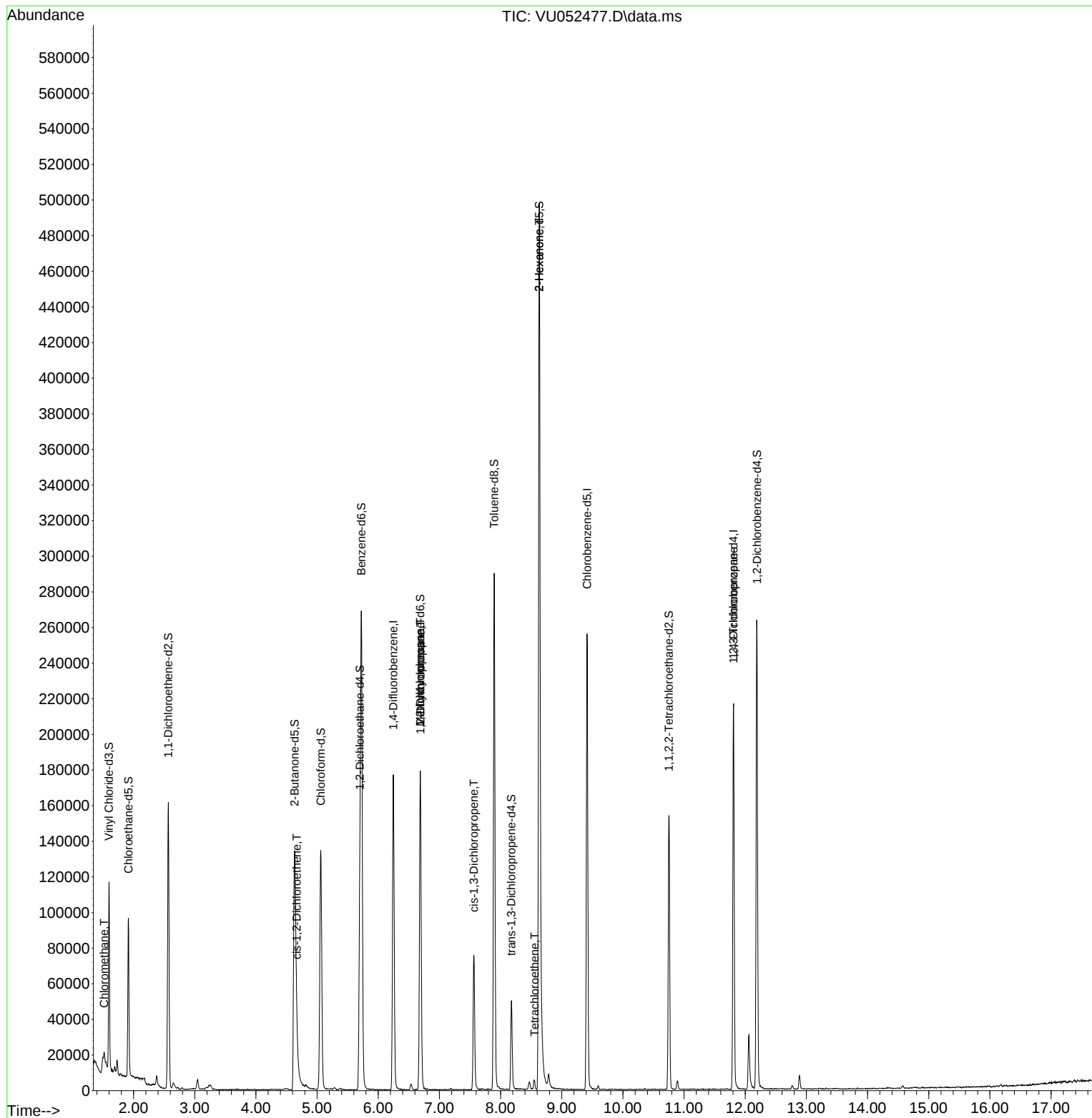
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136358	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	56061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74863	5.419	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.400%		
7) Chloroethane-d5	1.916	69	65855	5.528	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.600%		
11) 1,1-Dichloroethene-d2	2.568	65	32318	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 108.800%		
20) 2-Butanone-d5	4.633	46	249498	58.241	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.480%		
24) Chloroform-d	5.060	84	126392	5.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.400%		
26) 1,2-Dichloroethane-d4	5.700	65	74884	5.539	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.800%		
32) Benzene-d6	5.726	84	247595	5.339	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.800%		
36) 1,2-Dichloropropane-d6	6.687	67	87121	5.458	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.200%		
41) Toluene-d8	7.896	98	186929	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.000%		
43) trans-1,3-Dichloroprop...	8.176	79	27623	5.054	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.000%		
46) 2-Hexanone-d5	8.632	63	169475	56.670	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 113.340%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	77566	5.723	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 114.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	67964	5.955	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 119.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2926	0.167	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	1775	0.154	ug/L	90
35) Methylcyclohexane	6.687	83	19131	1.114	ug/L #	14
37) 1,2-Dichloropropane	6.690	63	9178	0.675	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2046	0.119	ug/L	96
47) Tetrachloroethene	8.555	164	1064	0.134	ug/L	84
48) 2-Hexanone	8.632	43	21665	2.893	ug/L #	82
61) 1,2,3-Trichloropropane	11.806	75	7700	0.958	ug/L #	67

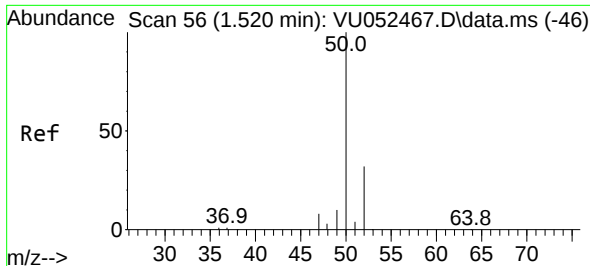
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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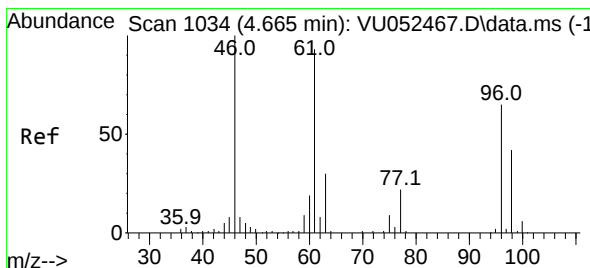
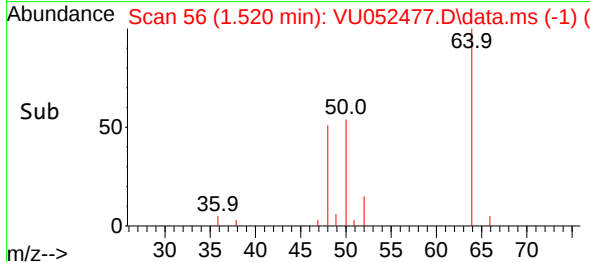
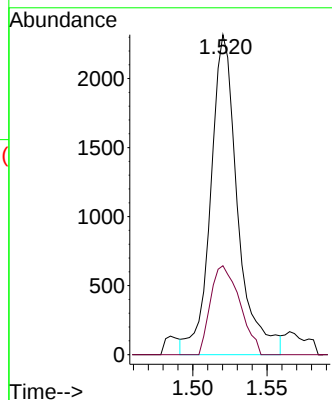
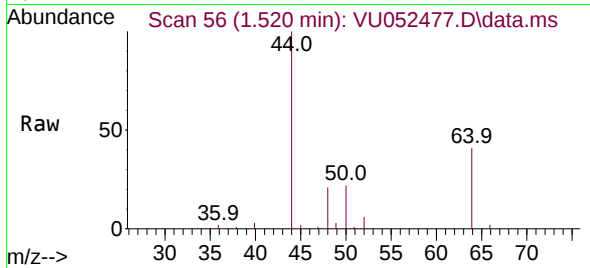




#3
Chloromethane
Concen: 0.167 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052477.D
Acq: 21 Dec 2022 15:10

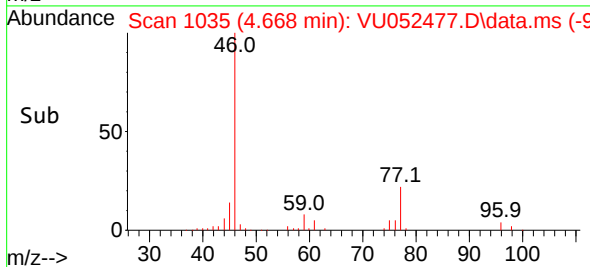
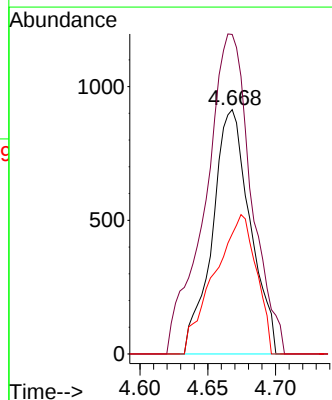
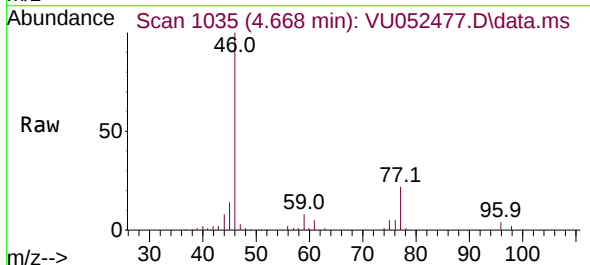
Instrument :
MSVOA_U
ClientSampleId :
EXEL9

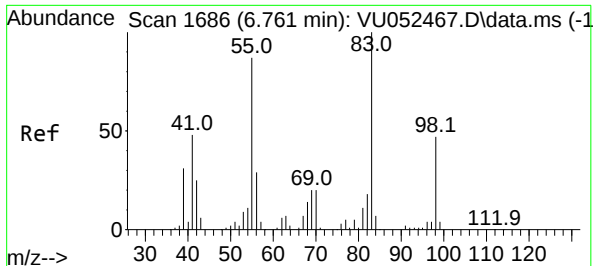
Tgt Ion: 50 Resp: 2926
Ion Ratio Lower Upper
50 100
52 27.8 23.0 42.6



#22
cis-1,2-Dichloroethene
Concen: 0.154 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052477.D
Acq: 21 Dec 2022 15:10

Tgt Ion: 96 Resp: 1775
Ion Ratio Lower Upper
96 100
61 130.7 96.9 180.1
98 49.1 44.7 83.1

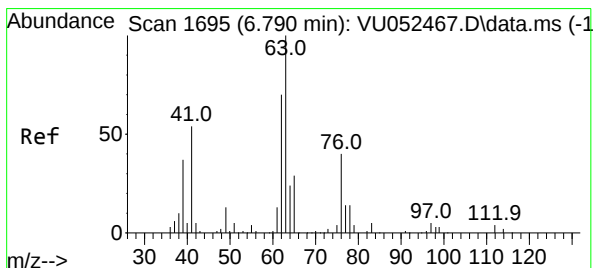
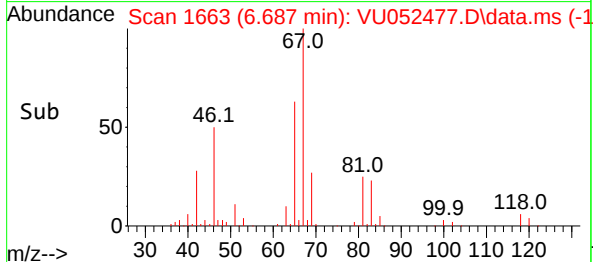
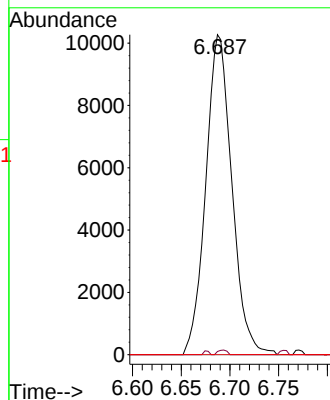
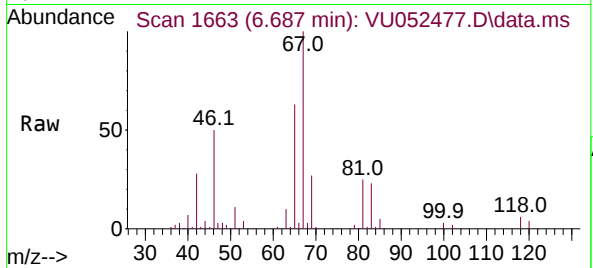




#35
Methylcyclohexane
Concen: 1.114 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052477.D
Acq: 21 Dec 2022 15:10

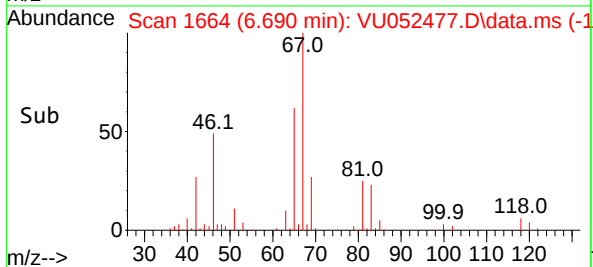
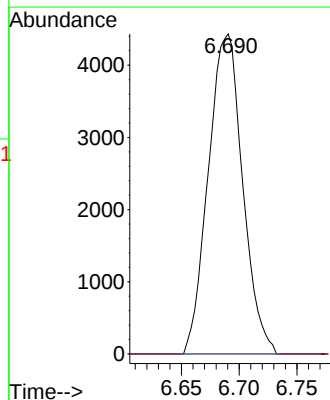
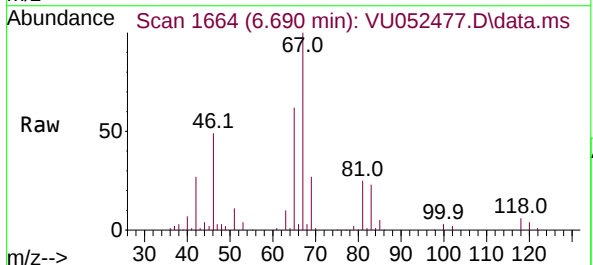
Instrument :
MSVOA_U
ClientSampleId :
EXEL9

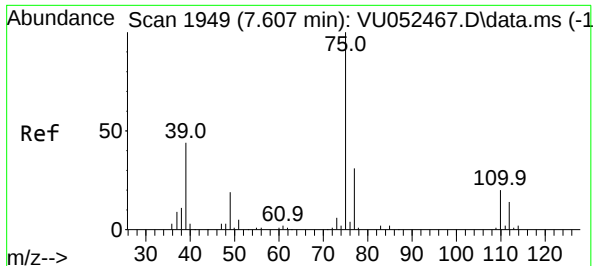
Tgt Ion: 83 Resp: 19131
Ion Ratio Lower Upper
83 100
55 0.5 71.4 107.0#
98 0.0 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052477.D
Acq: 21 Dec 2022 15:10

Tgt Ion: 63 Resp: 9178
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU052477.D

Acq: 21 Dec 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

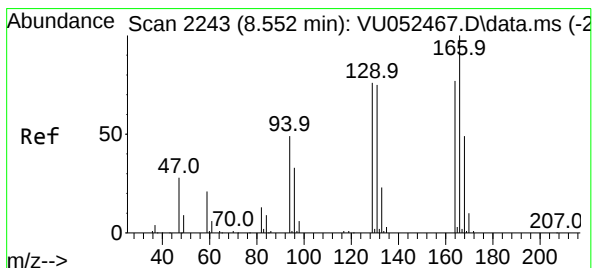
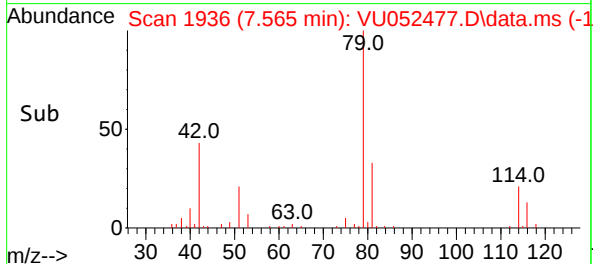
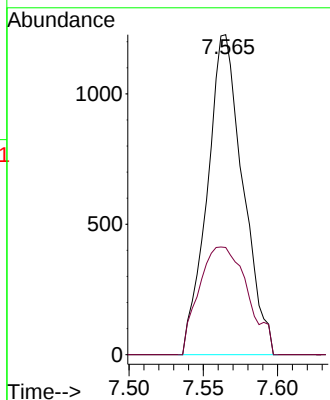
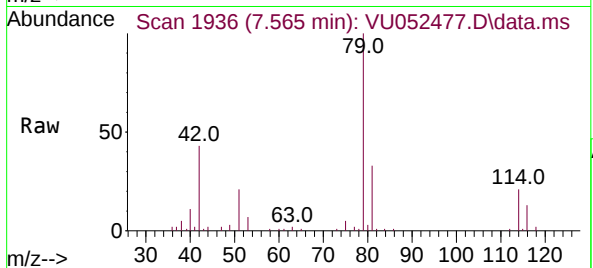
EXEL9

Tgt Ion: 75 Resp: 2046

Ion Ratio Lower Upper

75 100

77 33.5 22.0 41.0



#47

Tetrachloroethene

Concen: 0.134 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU052477.D

Acq: 21 Dec 2022 15:10

Tgt Ion: 164 Resp: 1064

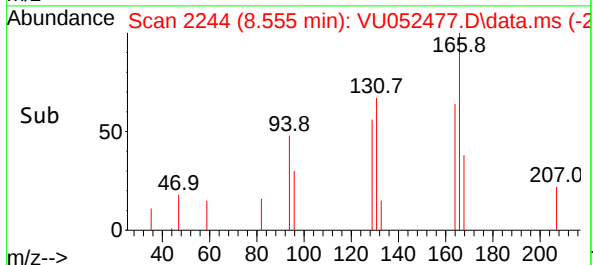
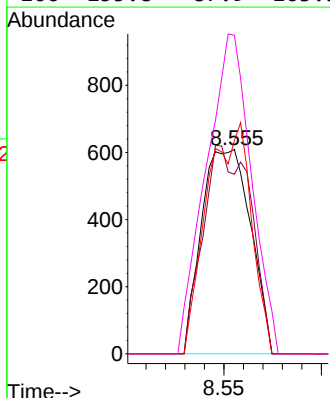
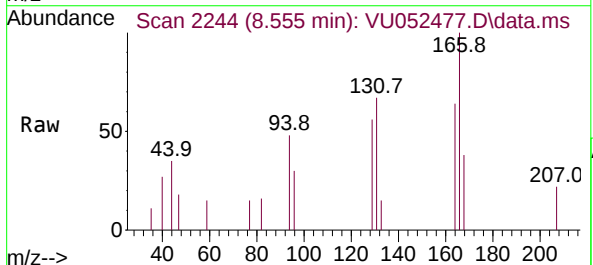
Ion Ratio Lower Upper

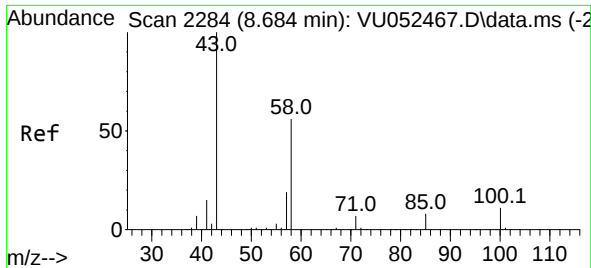
164 100

129 87.8 68.1 126.5

131 104.3 66.5 123.5

166 155.8 87.9 163.3

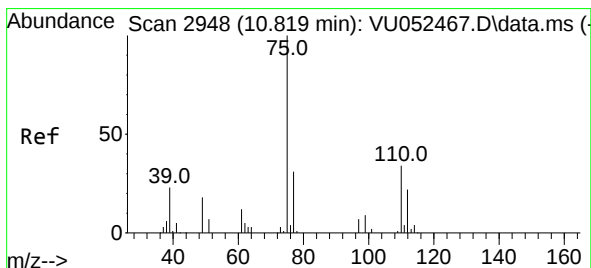
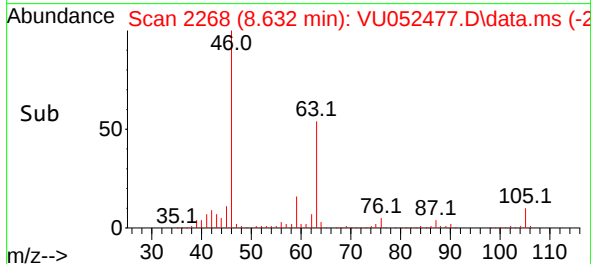
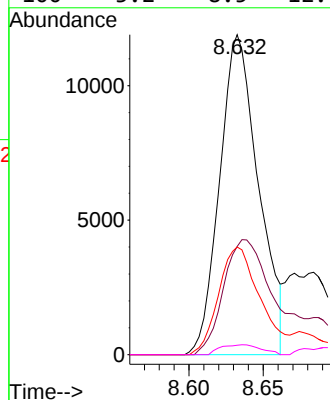
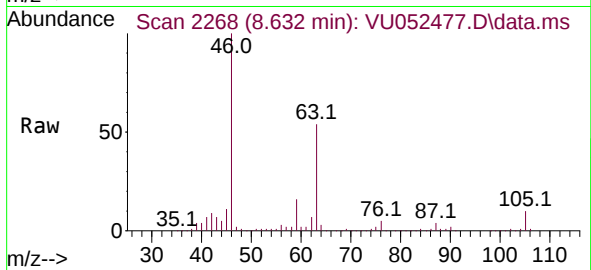




#48
2-Hexanone
Concen: 2.893 ug/L
RT: 8.632 min Scan# 21665
Delta R.T. -0.051 min
Lab File: VU052477.D
Acq: 21 Dec 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :
EXEL9

Tgt Ion:	43	Resp:	21665
Ion	Ratio	Lower	Upper
43	100		
58	48.2	44.1	66.1
57	36.3	14.6	21.8#
100	3.2	8.5	12.7#



#61
1,2,3-Trichloropropane
Concen: 0.958 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052477.D
Acq: 21 Dec 2022 15:10

Tgt Ion:	75	Resp:	7700
Ion	Ratio	Lower	Upper
75	100		
110	0.6	27.9	41.9#
77	34.9	25.9	38.9

