

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059850.D
 Acq On : 05 Jul 2024 10:35
 Operator : MD/SY
 Sample : P3122-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:01:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

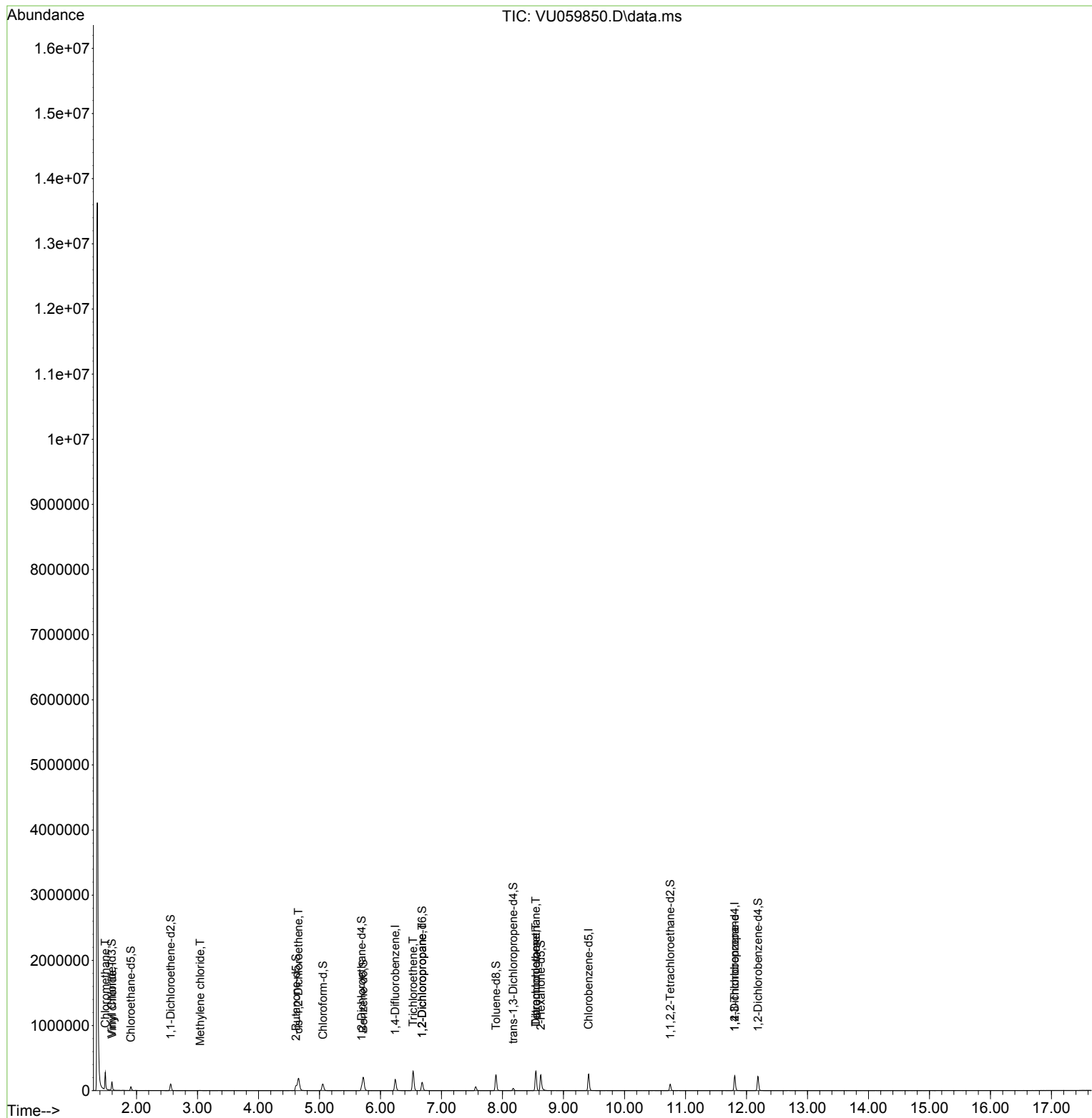
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49479	4.777	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.600%	
7) Chloroethane-d5	1.907	69	43835	4.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.560	65	18706	4.354	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.615	46	107039	50.174	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.340%	
24) Chloroform-d	5.055	84	99977	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.692	65	50569	4.938	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.718	84	202976	4.737	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.682	67	65525	4.990	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.894	98	171983	4.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	8.177	79	22678	5.516	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	110.400%	
46) 2-Hexanone-d5	8.627	63	85856	50.256	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.520%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53594	4.940	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	64372	5.310	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.489	50	2099	0.155	ug/L #	74
5) Vinyl chloride	1.602	62	21553	1.436	ug/L	96
16) Methylene chloride	3.042	84	2122	0.170	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	104431	8.624	ug/L	96
34) Trichloroethene	6.534	95	105567	8.244	ug/L	96
37) 1,2-Dichloropropane	6.682	63	6859	0.561	ug/L #	90
47) Tetrachloroethene	8.547	164	70978	7.143	ug/L	97
49) Dibromochloromethane	8.547	129	64651	6.473	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7213	1.146	ug/L #	69

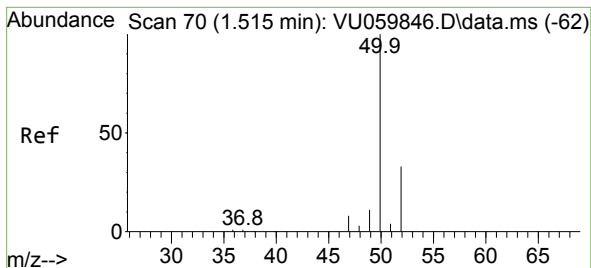
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 06 02:59:52 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.155 ug/L

RT: 1.489 min Scan# 61

Delta R.T. -0.026 min

Lab File: VU059850.D

Acq: 05 Jul 2024 10:35

Instrument :

MSVOA_U

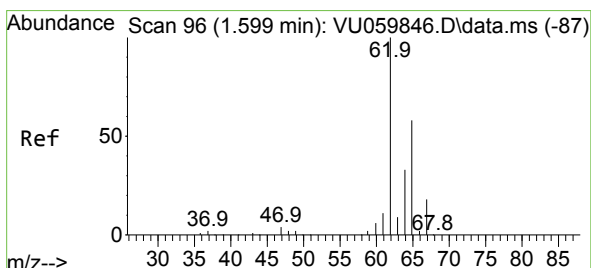
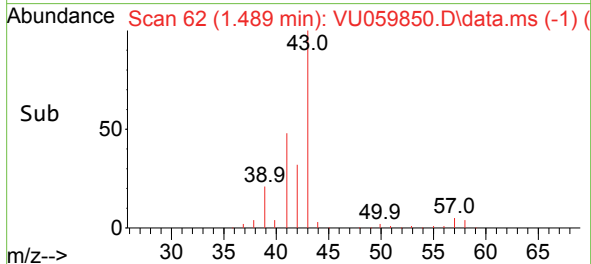
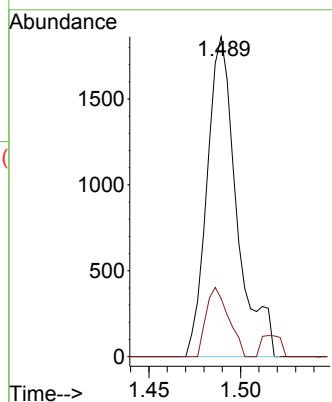
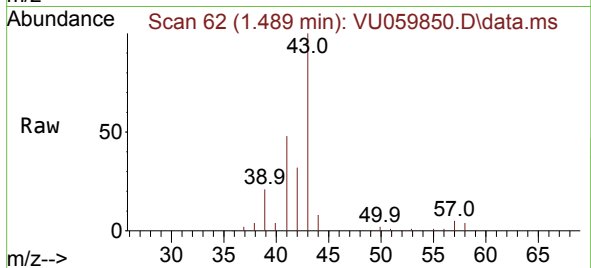
ClientSampleId :

Tgt Ion: 50 Resp: 2099

Ion Ratio Lower Upper

50 100

52 18.1 23.2 43.0#



#5

Vinyl chloride

Concen: 1.436 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.003 min

Lab File: VU059850.D

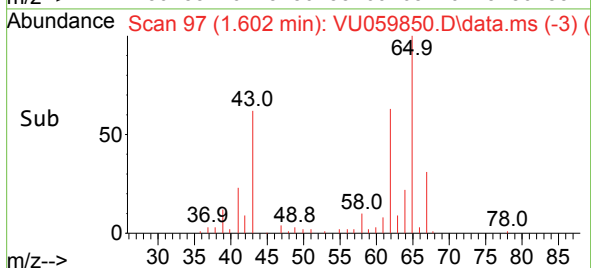
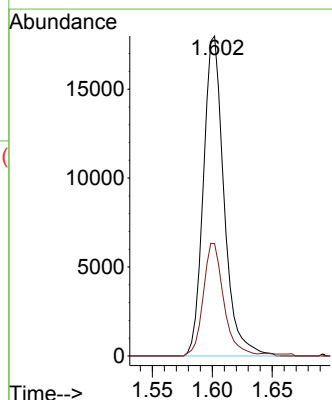
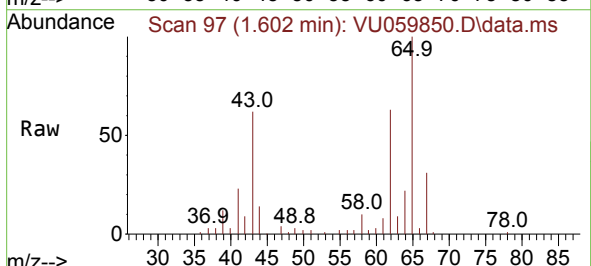
Acq: 05 Jul 2024 10:35

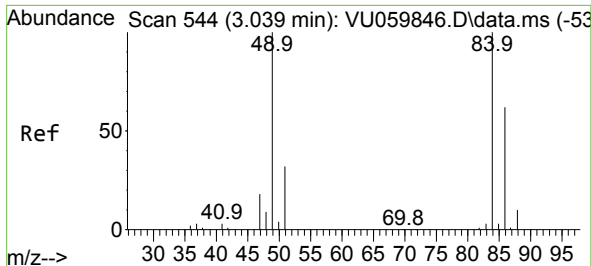
Tgt Ion: 62 Resp: 21553

Ion Ratio Lower Upper

62 100

64 35.1 23.1 42.9

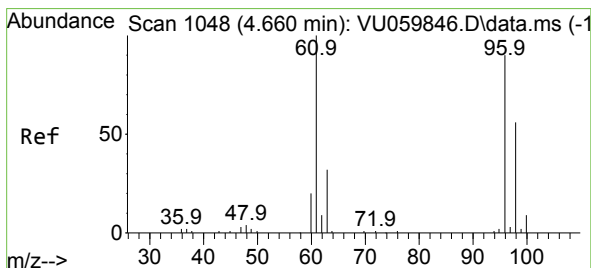
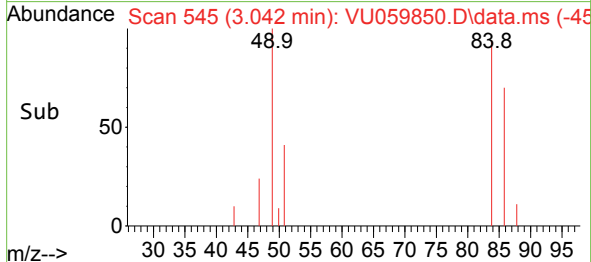
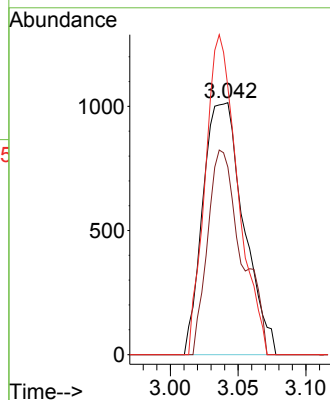
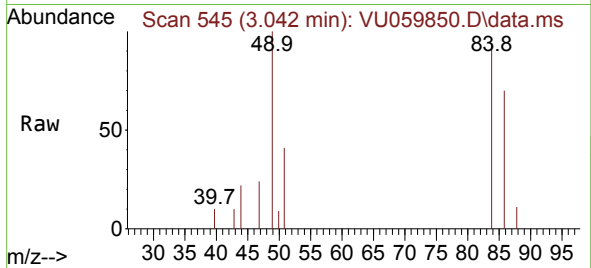




#16
Methylene chloride
Concen: 0.170 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU059850.D
Acq: 05 Jul 2024 10:35

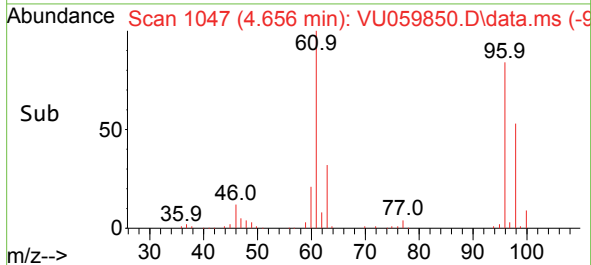
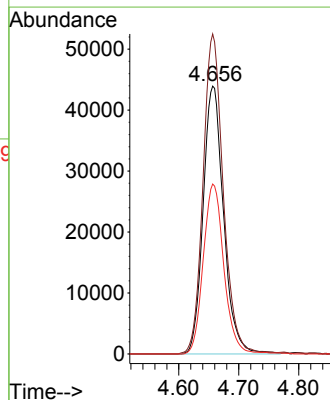
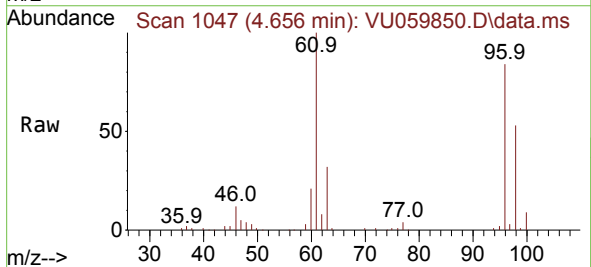
Instrument :
MSVOA_U
ClientSampleId :

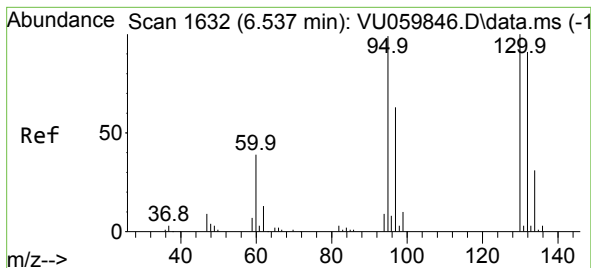
Tgt Ion: 84 Resp: 2122
Ion Ratio Lower Upper
84 100
86 74.4 42.1 78.1
49 106.1 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 8.624 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059850.D
Acq: 05 Jul 2024 10:35

Tgt Ion: 96 Resp: 104431
Ion Ratio Lower Upper
96 100
61 119.5 87.4 162.2
98 63.4 42.3 78.5





#34

Trichloroethene

Concen: 8.244 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059850.D

Acq: 05 Jul 2024 10:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 105567

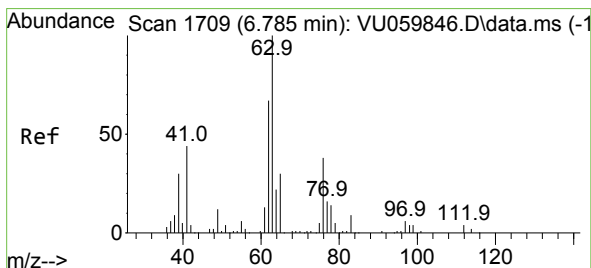
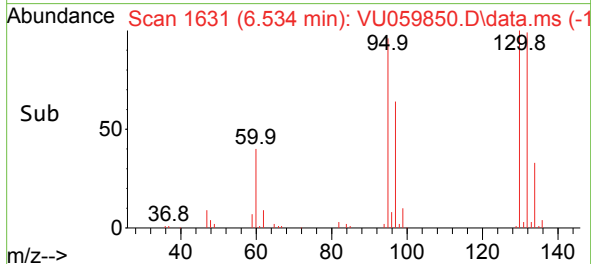
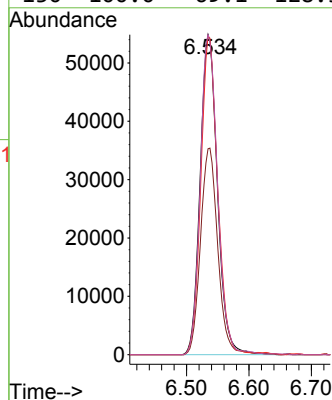
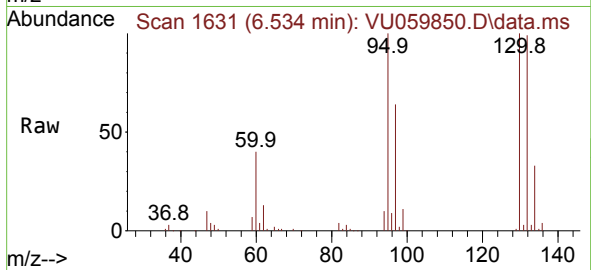
Ion Ratio Lower Upper

95 100

97 64.4 45.3 84.1

132 99.4 64.0 119.0

130 100.0 69.1 128.3



#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU059850.D

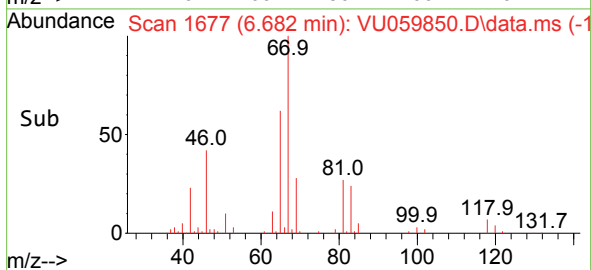
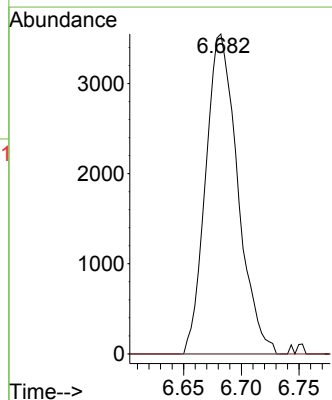
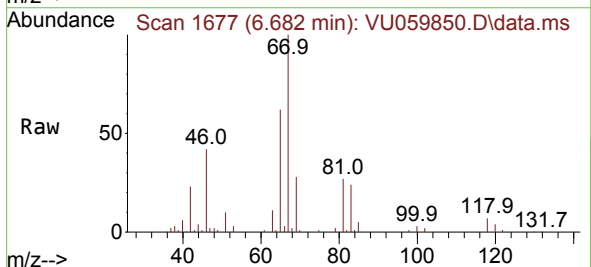
Acq: 05 Jul 2024 10:35

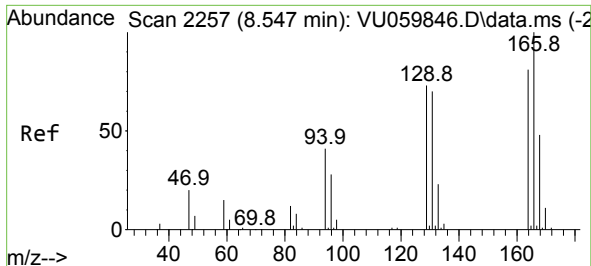
Tgt Ion: 63 Resp: 6859

Ion Ratio Lower Upper

63 100

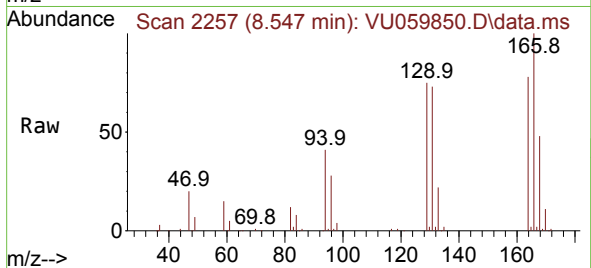
112 0.0 2.6 3.8#



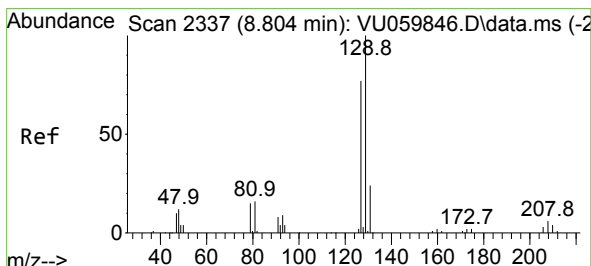
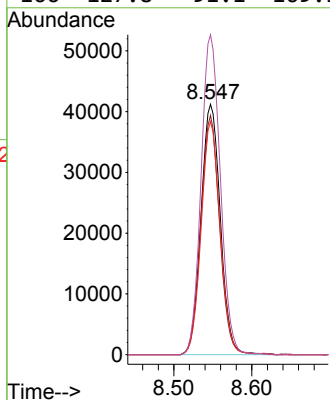
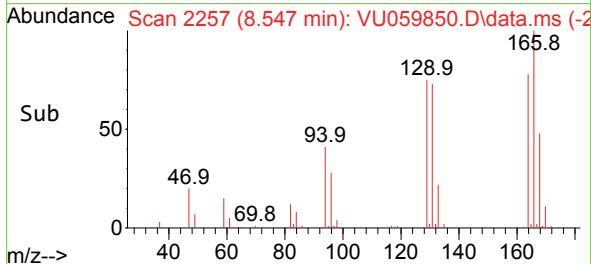


#47
Tetrachloroethene
Concen: 7.143 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059850.D
Acq: 05 Jul 2024 10:35

Instrument :
MSVOA_U
ClientSampleId :

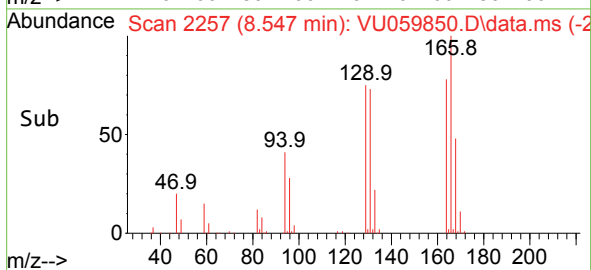
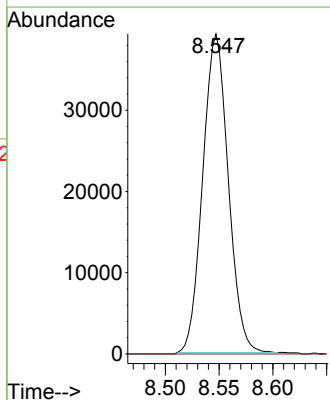
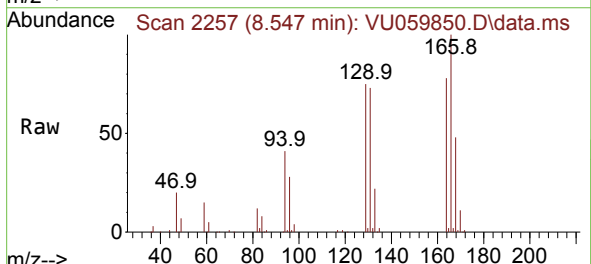


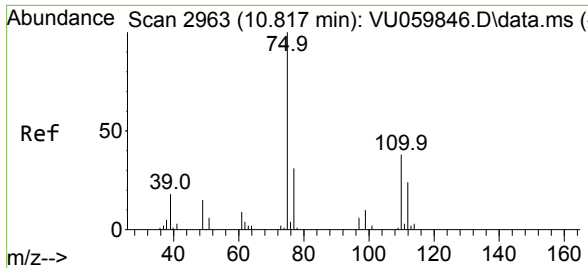
Tgt Ion:164 Resp: 70978
Ion Ratio Lower Upper
164 100
129 95.6 70.8 131.4
131 93.1 64.8 120.3
166 127.8 91.1 169.1



#49
Dibromochloromethane
Concen: 6.473 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU059850.D
Acq: 05 Jul 2024 10:35

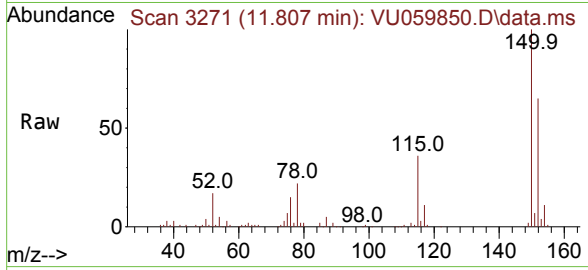
Tgt Ion:129 Resp: 64651
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#





#61
1,2,3-Trichloropropane
Concen: 1.146 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059850.D
Acq: 05 Jul 2024 10:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7213
Ion Ratio Lower Upper
75 100
110 1.9 27.1 40.7#
77 33.7 25.4 38.2

