

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057192.D
 Acq On : 22 Dec 2023 16:08
 Operator : MD/SY
 Sample : 05927-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 22:49:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

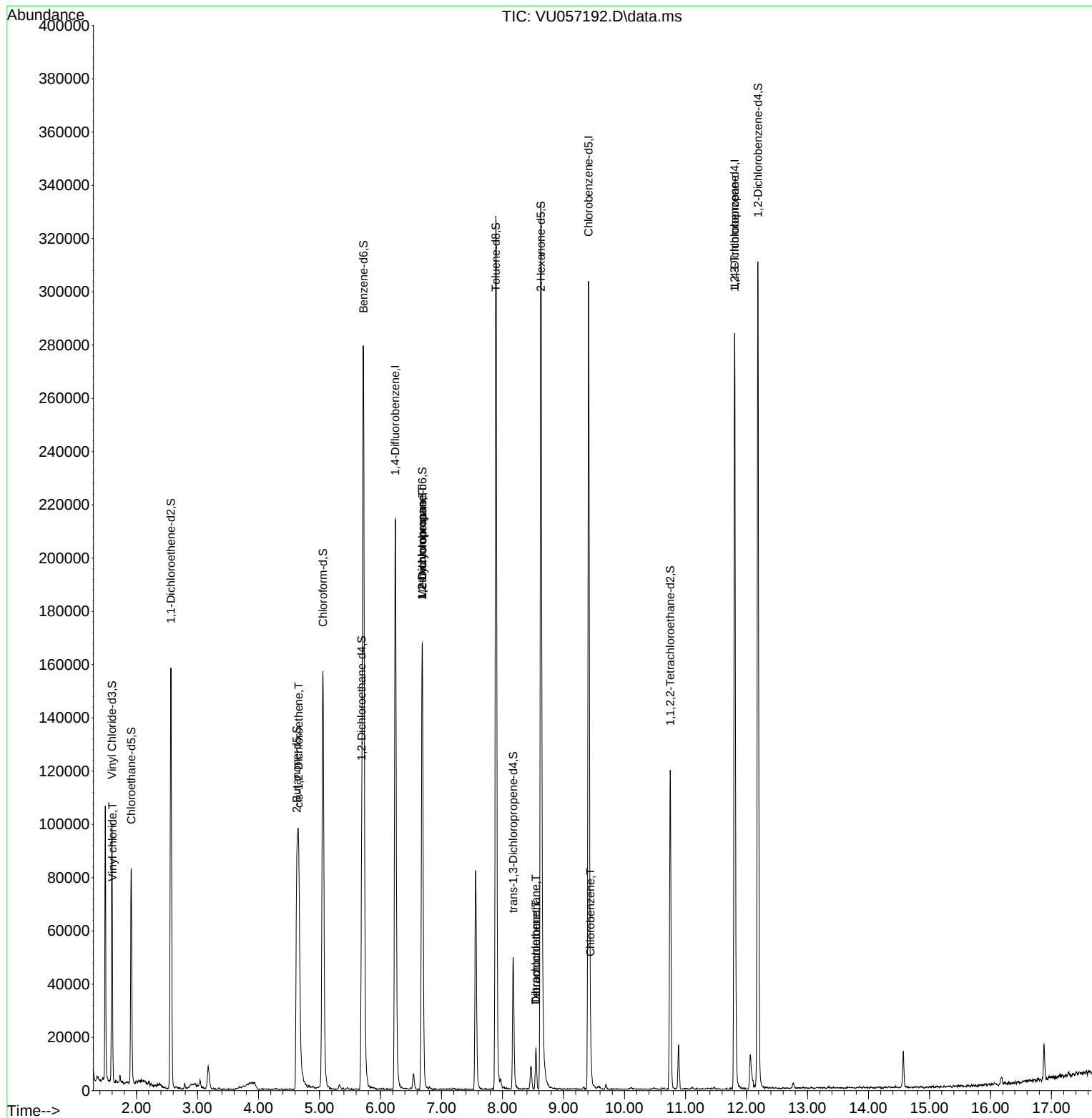
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172966	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	68638	4.152	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.914	69	60945	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.563	65	29910	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.627	46	139293	53.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.320%
24) Chloroform-d	5.055	84	144631	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.692	65	73502	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	265149	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.685	67	81918	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	220596	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	30267	4.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.627	63	117666	49.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58279	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	79983	4.877	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	1821	0.120	ug/L #	41
22) cis-1,2-Dichloroethene	4.660	96	29306	2.110	ug/L	98
35) Methylcyclohexane	6.685	83	20648	0.990	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	9491	0.705	ug/L #	88
47) Tetrachloroethene	8.547	164	3062	0.270	ug/L	91
49) Dibromochloromethane	8.547	129	3418	0.284	ug/L #	10
51) Chlorobenzene	9.441	112	5291	0.142	ug/L #	93
61) 1,2,3-Trichloropropane	11.804	75	8734	1.230	ug/L #	62

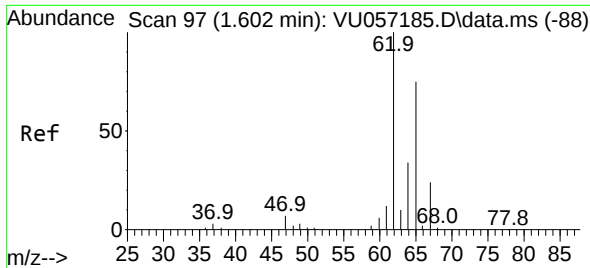
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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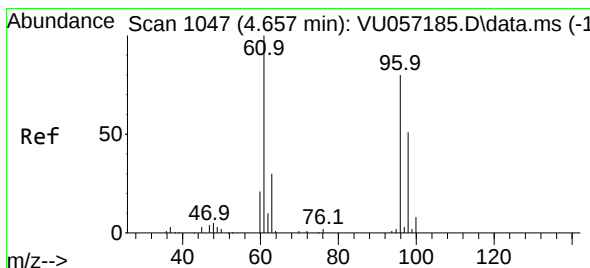
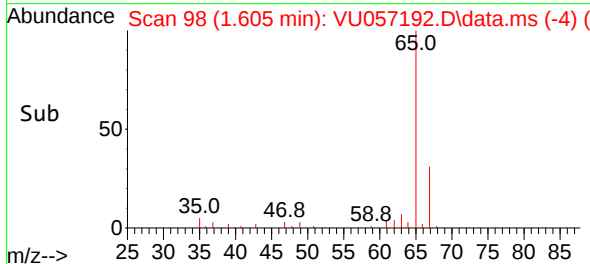
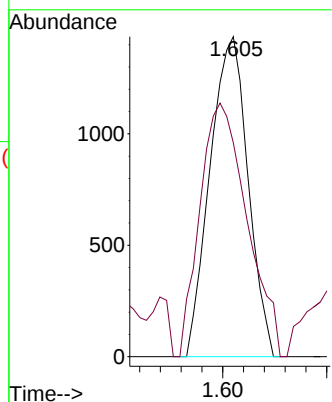
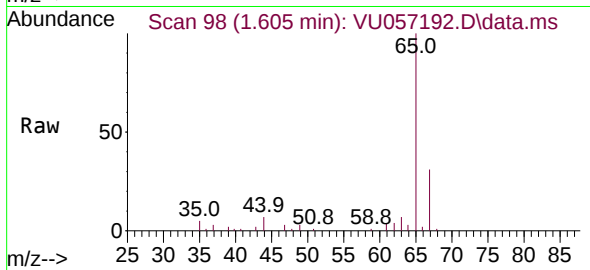




#5
 Vinyl chloride
 Concen: 0.120 ug/L
 RT: 1.605 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU057192.D
 Acq: 22 Dec 2023 16:08

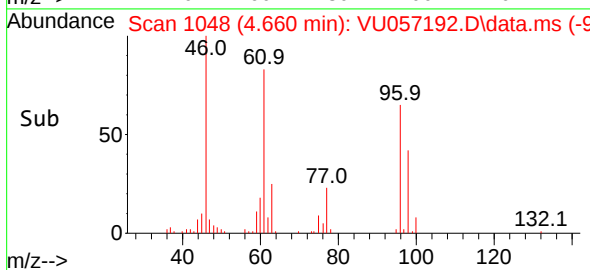
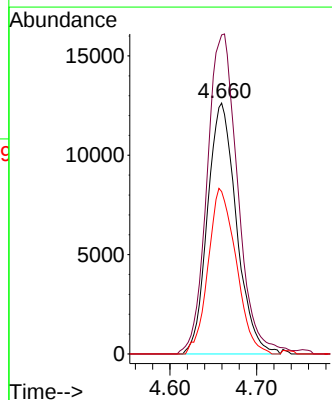
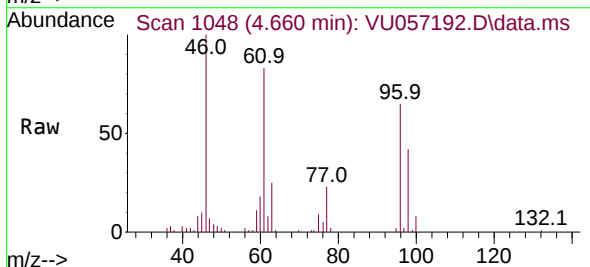
Instrument :
 MSVOA_U
 ClientSampleId :

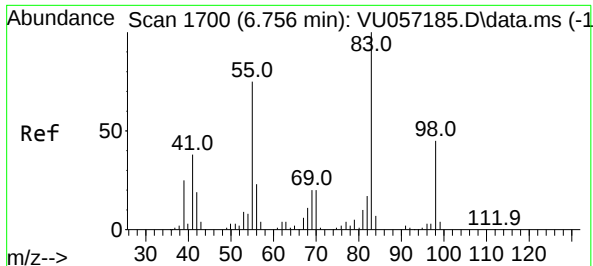
Tgt Ion: 62 Resp: 1821
 Ion Ratio Lower Upper
 62 100
 64 66.9 23.3 43.3#



#22
 cis-1,2-Dichloroethene
 Concen: 2.110 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU057192.D
 Acq: 22 Dec 2023 16:08

Tgt Ion: 96 Resp: 29306
 Ion Ratio Lower Upper
 96 100
 61 127.1 86.8 161.2
 98 64.7 45.5 84.5

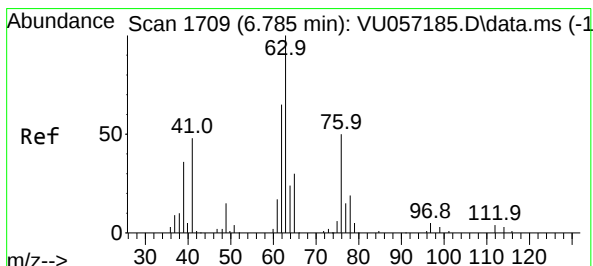
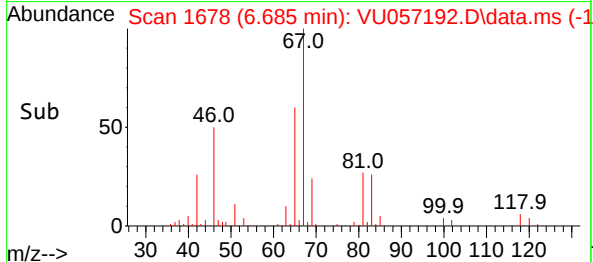
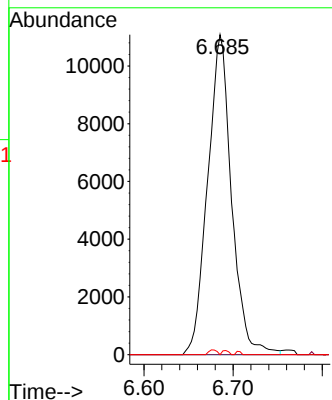
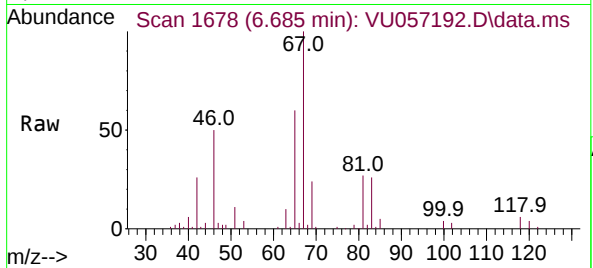




#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057192.D
Acq: 22 Dec 2023 16:08

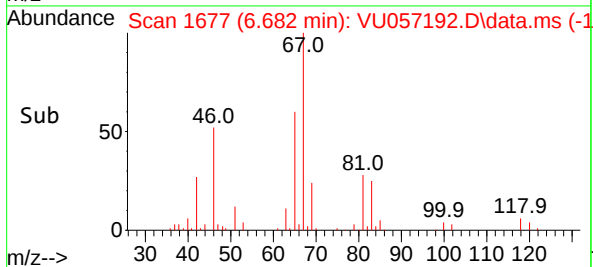
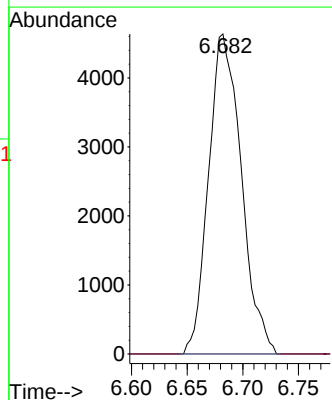
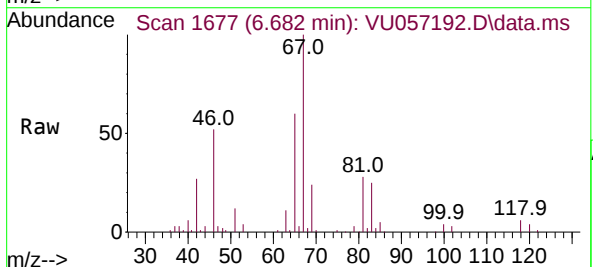
Instrument :
MSVOA_U
ClientSampleId :

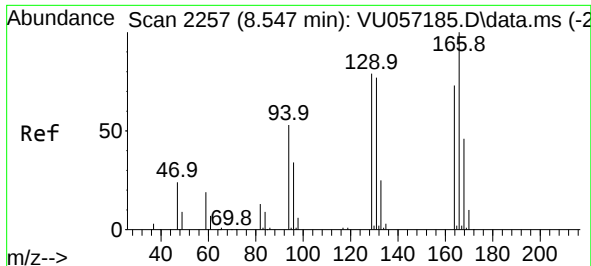
Tgt Ion: 83 Resp: 20648
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.4 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057192.D
Acq: 22 Dec 2023 16:08

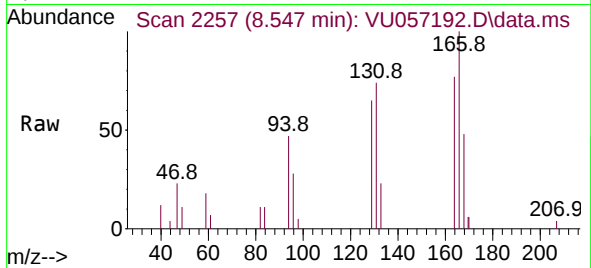
Tgt Ion: 63 Resp: 9491
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



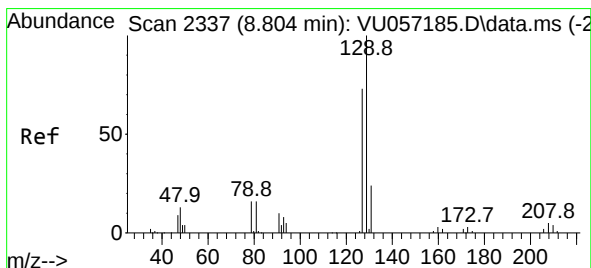
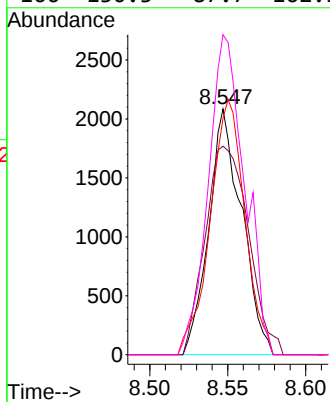
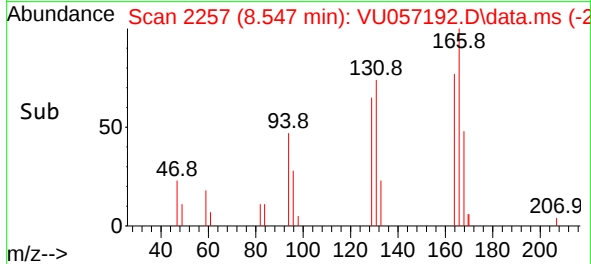


#47
Tetrachloroethene
Concen: 0.270 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057192.D
Acq: 22 Dec 2023 16:08

Instrument :
MSVOA_U
ClientSampleId :

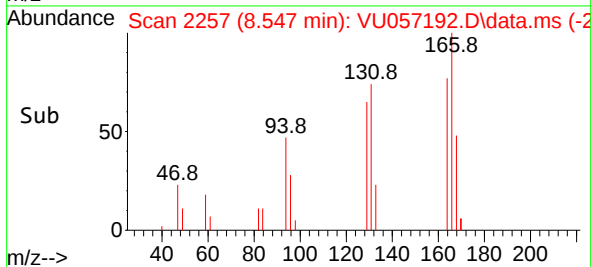
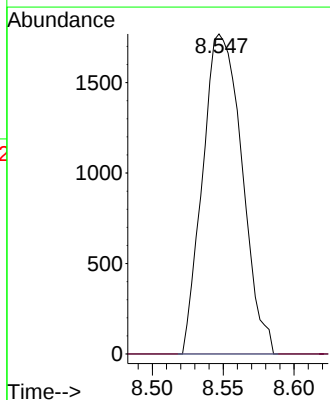
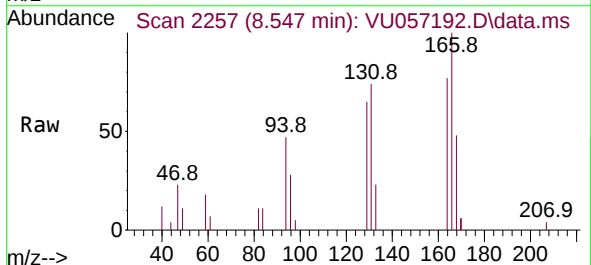


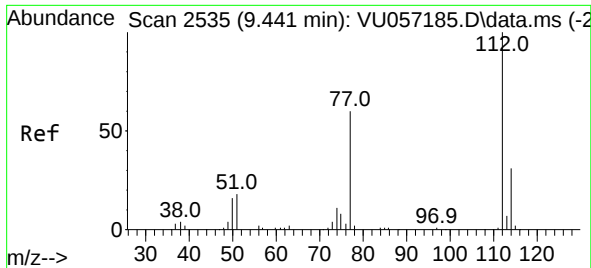
Tgt Ion:164 Resp: 3062
Ion Ratio Lower Upper
164 100
129 84.9 72.9 135.3
131 96.3 71.7 133.3
166 130.3 87.7 162.9



#49
Dibromochloromethane
Concen: 0.284 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057192.D
Acq: 22 Dec 2023 16:08

Tgt Ion:129 Resp: 3418
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#

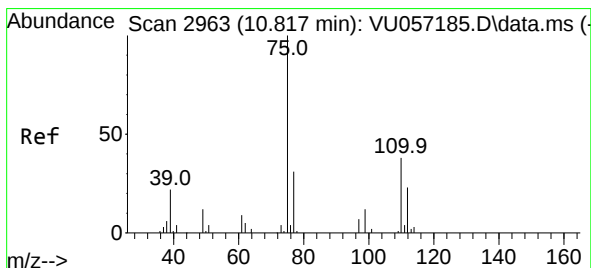
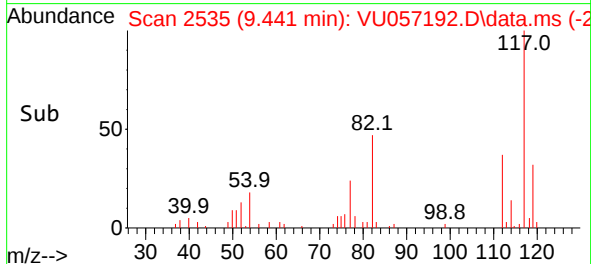
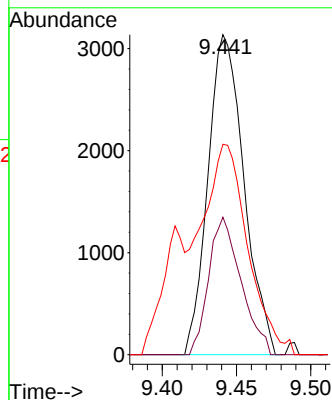
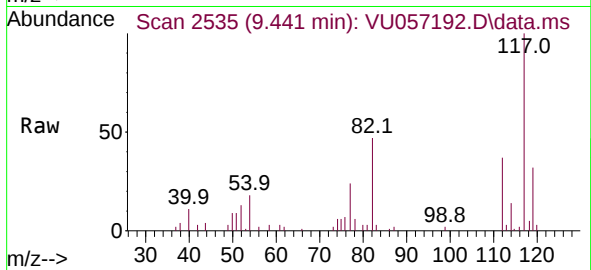




#51
Chlorobenzene
Concen: 0.142 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057192.D
Acq: 22 Dec 2023 16:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 5291
Ion Ratio Lower Upper
112 100
114 42.9 22.7 42.1#
77 65.8 52.2 78.2



#61
1,2,3-Trichloropropane
Concen: 1.230 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057192.D
Acq: 22 Dec 2023 16:08

Tgt Ion: 75 Resp: 8734
Ion Ratio Lower Upper
75 100
110 2.1 31.2 46.8#
77 37.9 25.5 38.3

