

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056561.D
 Acq On : 21 Nov 2023 19:10
 Operator : MD/SY
 Sample : 05441-09DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

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

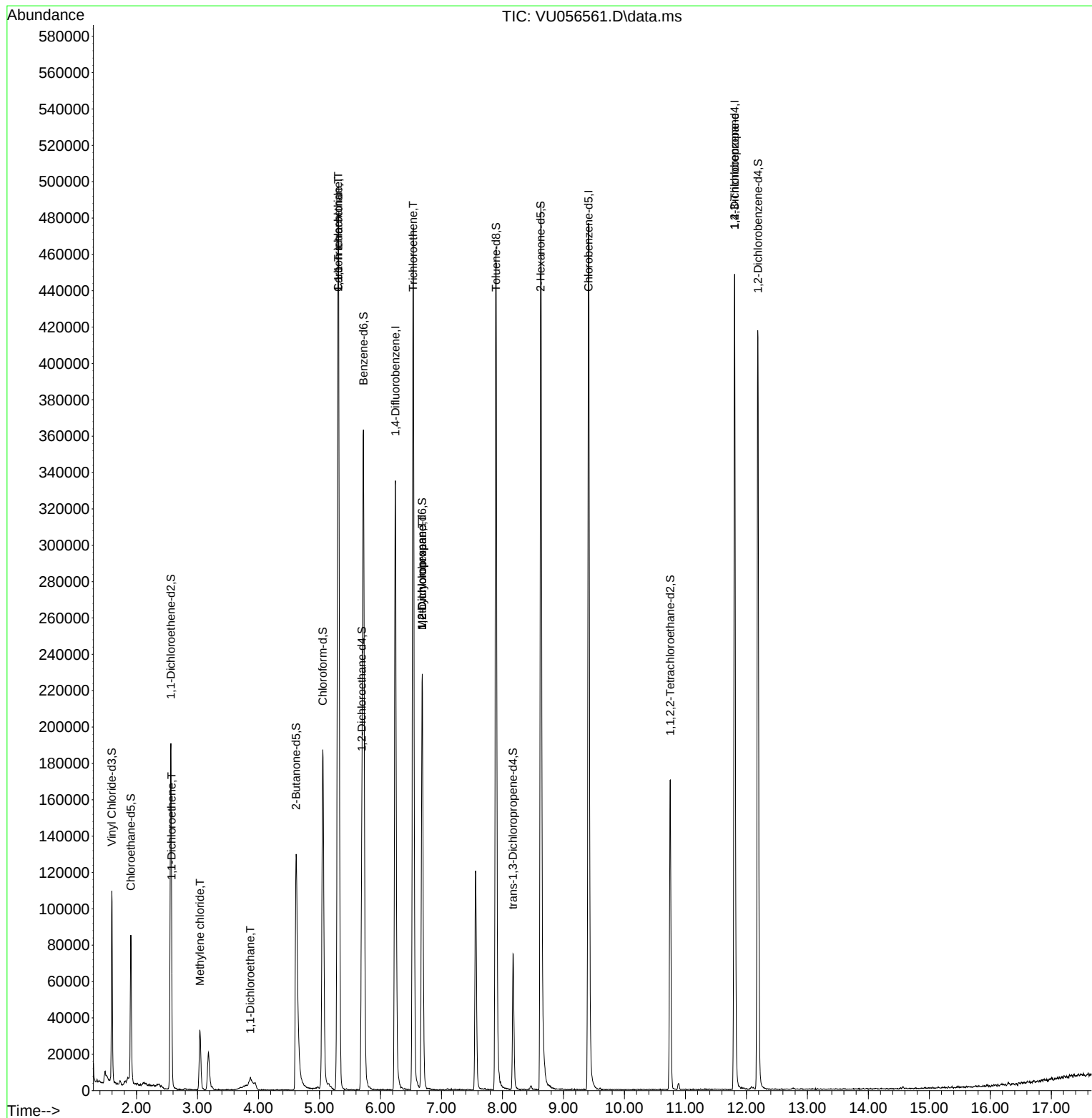
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	272778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	282445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	74980	3.675	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.907	69	59573	3.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.563	65	36421	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.618	46	194597	47.832	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.660%
24) Chloroform-d	5.055	84	178943	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	92696	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.721	84	347322	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.685	67	109490	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.894	98	325994	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	45097	4.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	169025	44.218	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83347	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	110333	5.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	2529	0.151	ug/L #	1
16) Methylene chloride	3.039	84	16692	0.755	ug/L	89
19) 1,1-Dichloroethane	3.866	63	4745	0.139	ug/L	89
29) 1,1,1-Trichloroethane	5.309	97	365878	11.285	ug/L	99
31) Carbon tetrachloride	5.309	117	45701	1.641	ug/L	95
34) Trichloroethene	6.537	95	168523	7.675	ug/L	98
35) Methylcyclohexane	6.685	83	26309	0.830	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	11728	0.558	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	14598	1.430	ug/L #	68

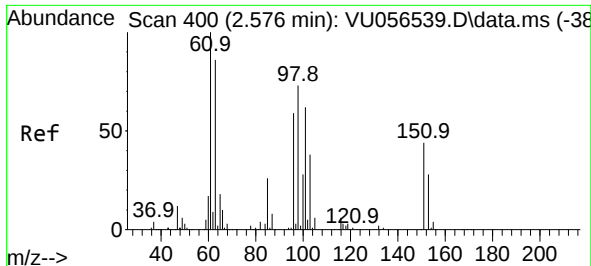
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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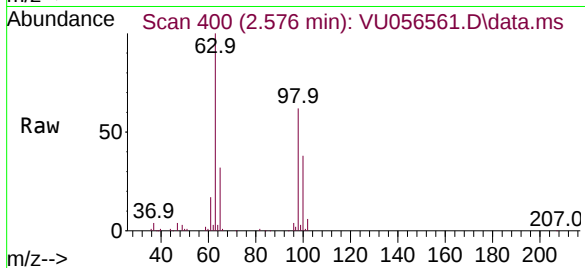
Quant Time: Nov 21 23:37:43 2023
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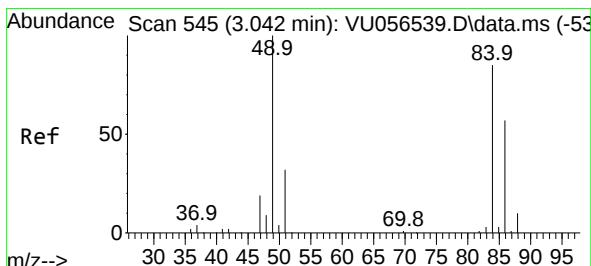
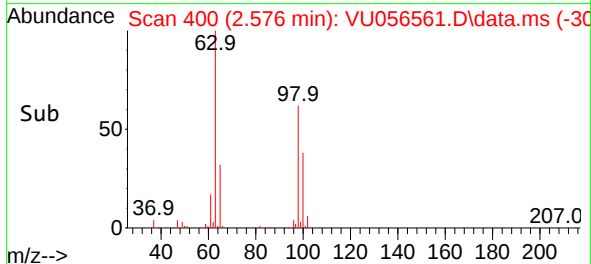
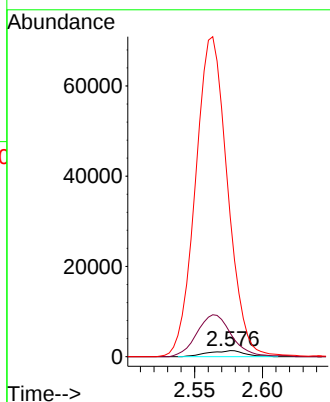


#12
1,1-Dichloroethene
Concen: 0.151 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056561.D
Acq: 21 Nov 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :

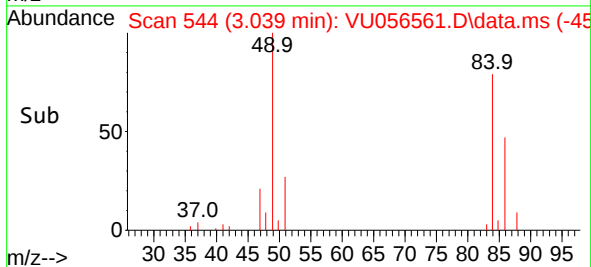
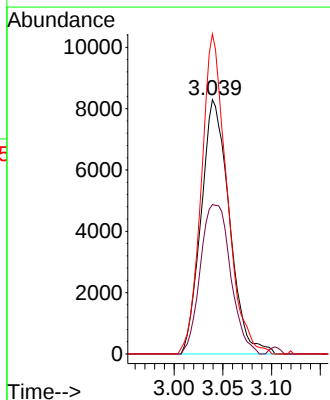
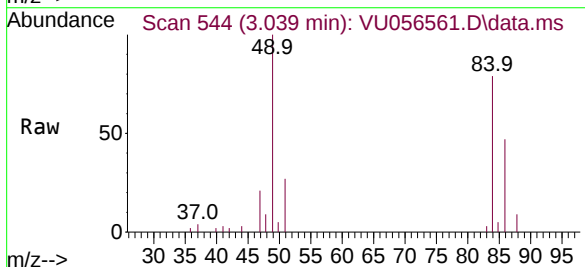


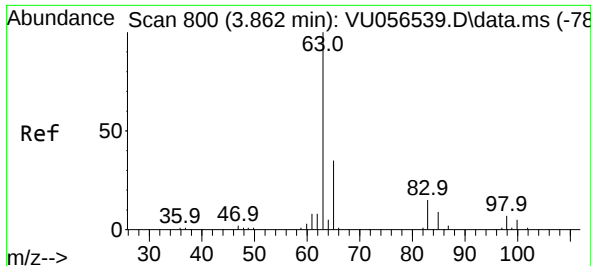
Tgt Ion: 96 Resp: 2529
Ion Ratio Lower Upper
96 100
61 394.5 123.1 228.7#
63 2328.6 93.3 173.3#



#16
Methylene chloride
Concen: 0.755 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056561.D
Acq: 21 Nov 2023 19:10

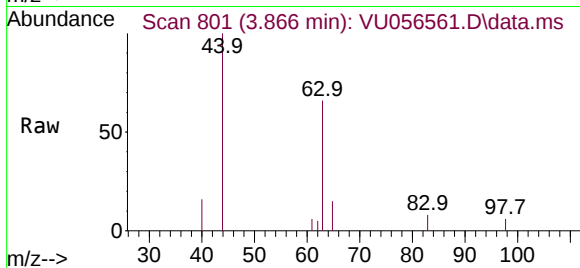
Tgt Ion: 84 Resp: 16692
Ion Ratio Lower Upper
84 100
86 58.8 44.7 83.1
49 132.4 81.8 152.0



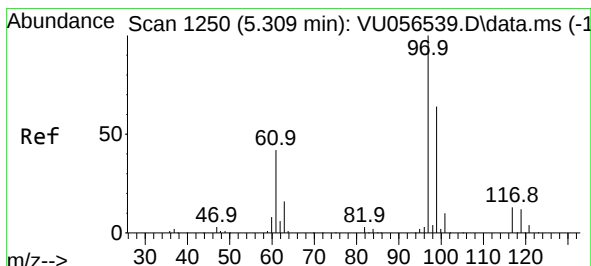
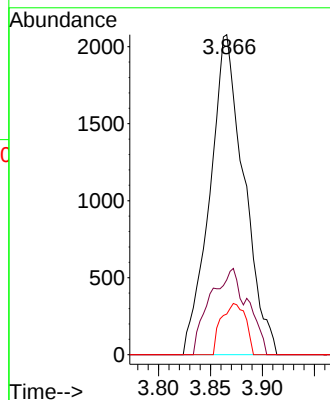
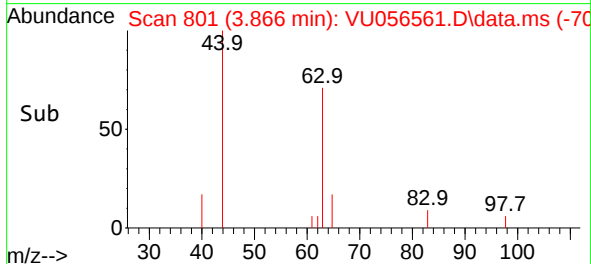


#19
 1,1-Dichloroethane
 Concen: 0.139 ug/L
 RT: 3.866 min Scan# 801
 Delta R.T. 0.003 min
 Lab File: VU056561.D
 Acq: 21 Nov 2023 19:10

Instrument :
 MSVOA_U
 ClientSampleId :

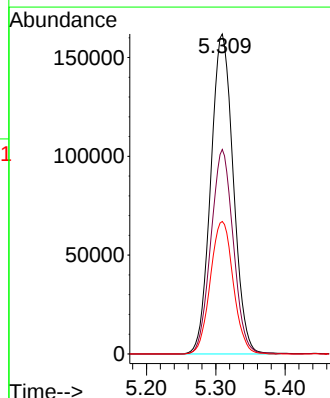
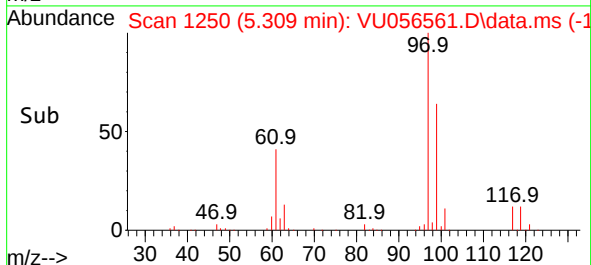
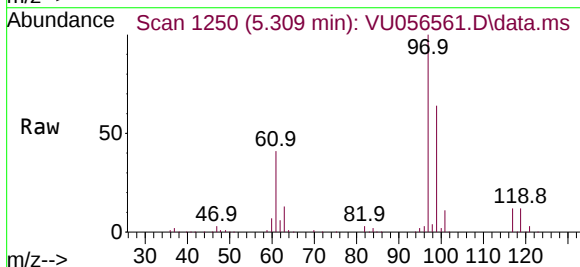


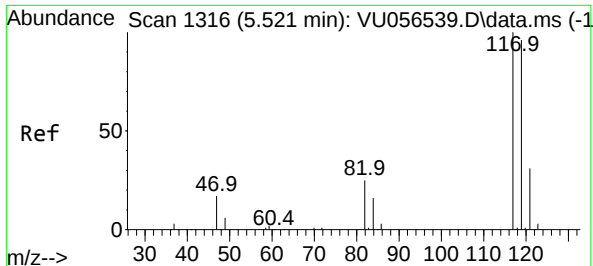
Tgt Ion: 63 Resp: 4745
 Ion Ratio Lower Upper
 63 100
 65 23.4 21.8 40.6
 83 12.7 9.7 17.9



#29
 1,1,1-Trichloroethane
 Concen: 11.285 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: VU056561.D
 Acq: 21 Nov 2023 19:10

Tgt Ion: 97 Resp: 365878
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.6 77.4
 61 42.2 34.3 51.5

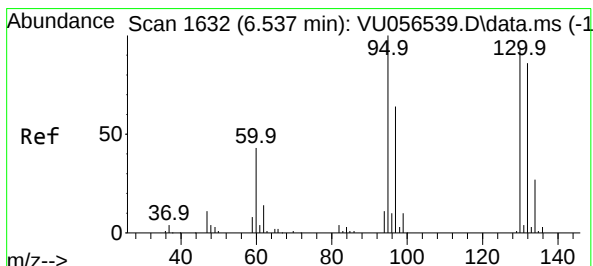
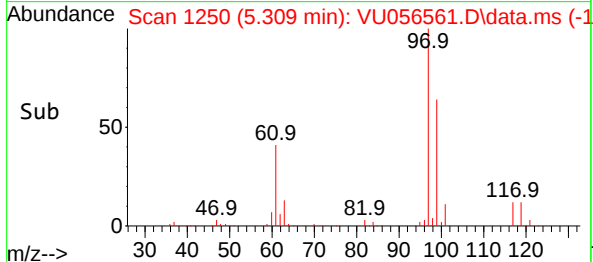
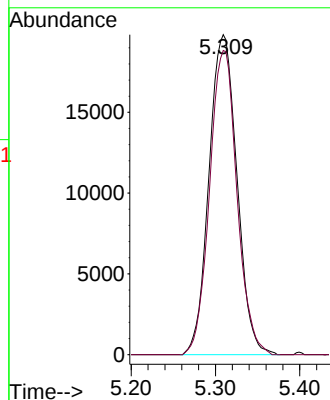
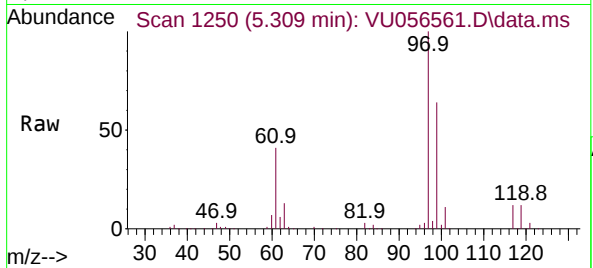




#31
Carbon tetrachloride
Concen: 1.641 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU056561.D
Acq: 21 Nov 2023 19:10

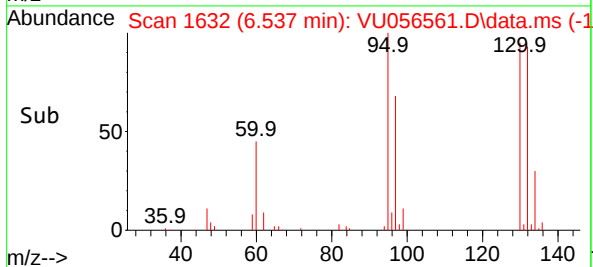
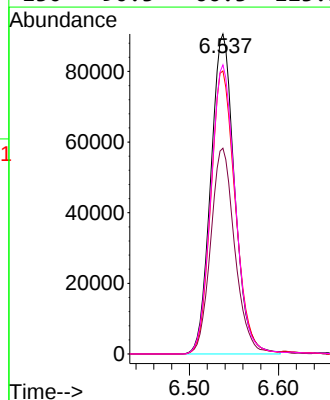
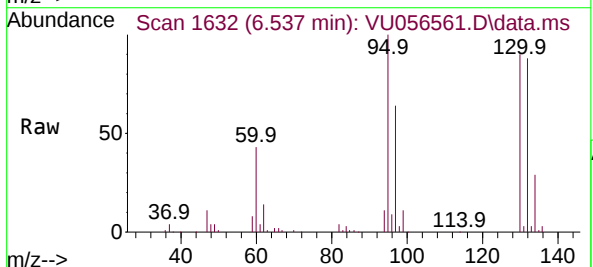
Instrument :
MSVOA_U
ClientSampleId :

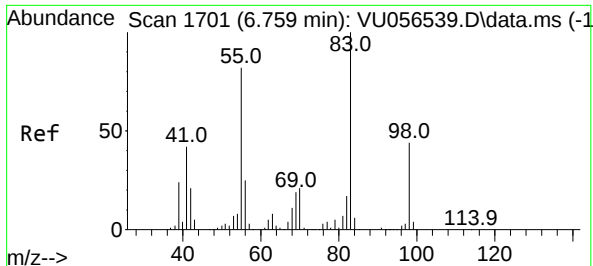
Tgt Ion:117 Resp: 45701
Ion Ratio Lower Upper
117 100
119 93.1 78.1 117.1



#34
Trichloroethene
Concen: 7.675 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056561.D
Acq: 21 Nov 2023 19:10

Tgt Ion: 95 Resp: 168523
Ion Ratio Lower Upper
95 100
97 64.3 46.5 86.3
132 88.4 62.0 115.2
130 90.3 66.3 123.1

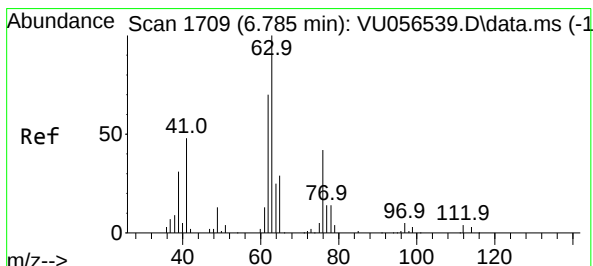
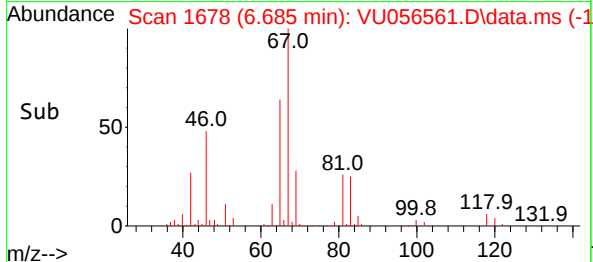
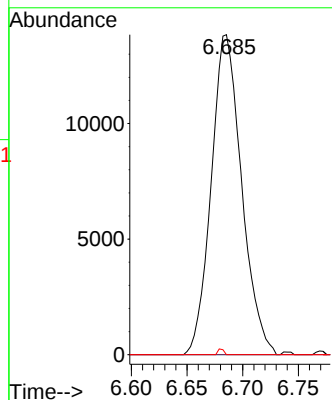
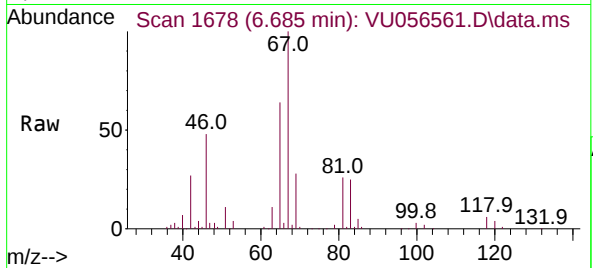




#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056561.D
Acq: 21 Nov 2023 19:10

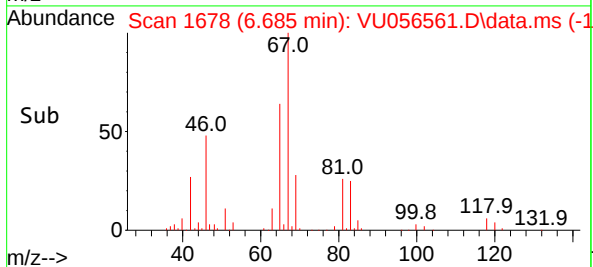
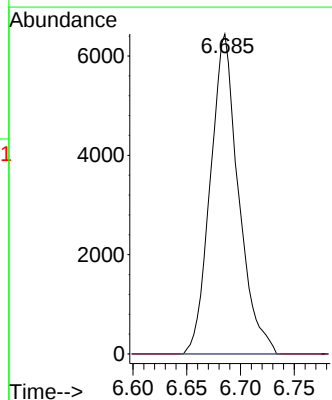
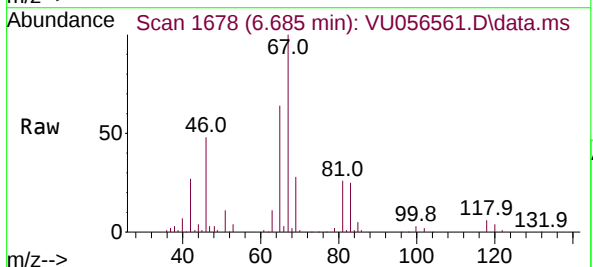
Instrument :
MSVOA_U
ClientSampleId :

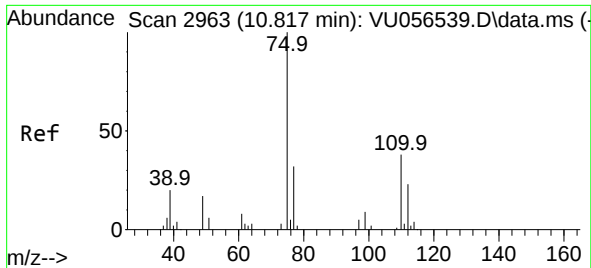
Tgt Ion: 83 Resp: 26309
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 6.6 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056561.D
Acq: 21 Nov 2023 19:10

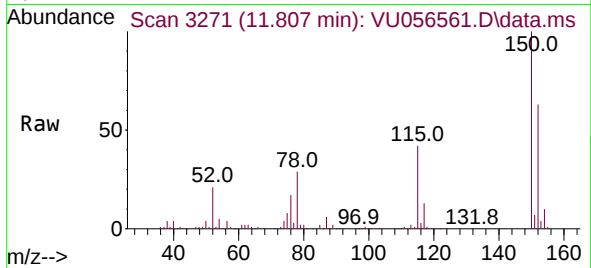
Tgt Ion: 63 Resp: 11728
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#61
1,2,3-Trichloropropane
Concen: 1.430 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056561.D
Acq: 21 Nov 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.7	30.4	45.6#
77	33.5	27.0	40.6

