

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056267.D
 Acq On : 13 Nov 2023 21:42
 Operator : MD/SY
 Sample : 05371-02RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:45:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

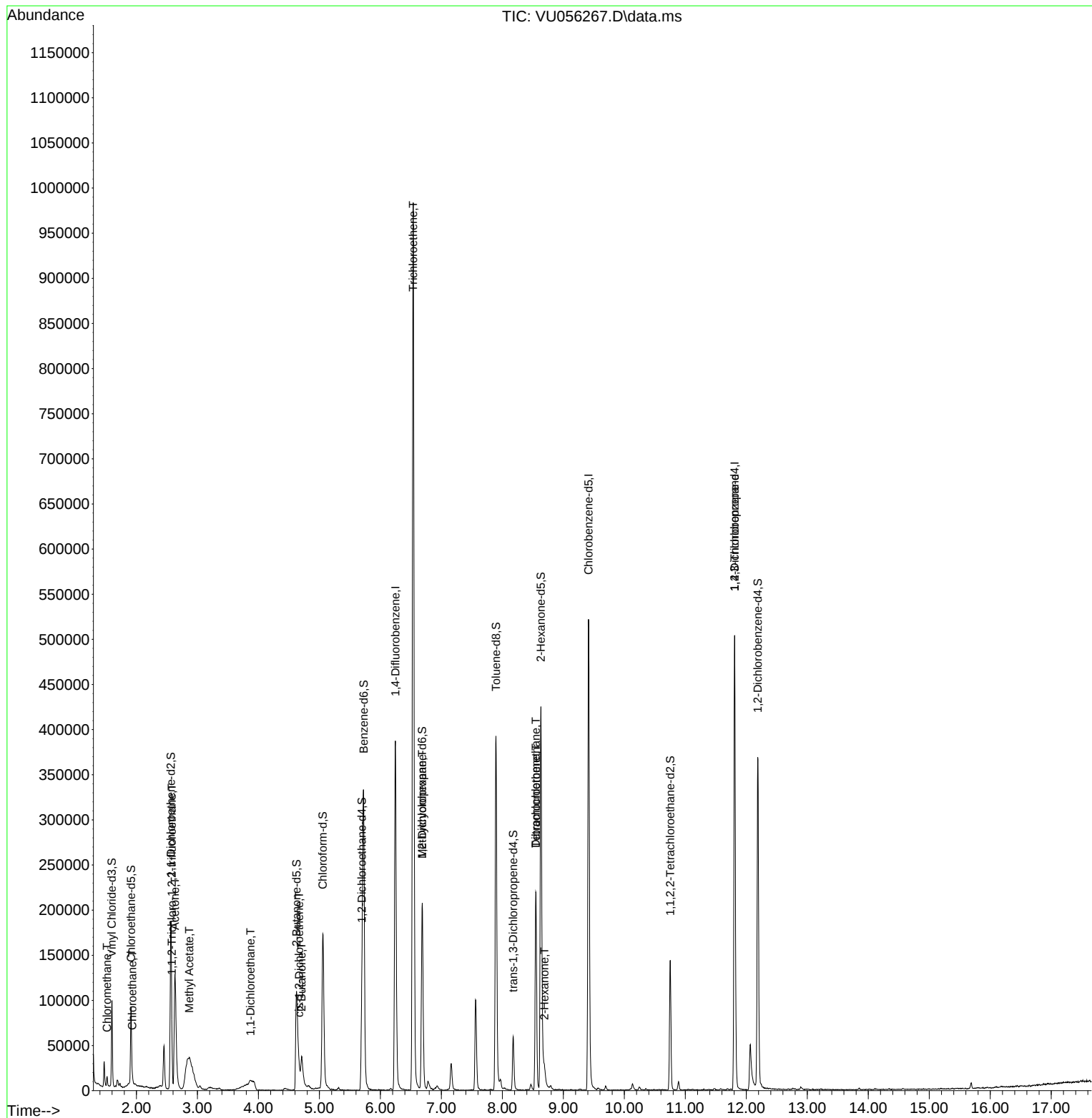
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313407	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	302125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69299	2.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.911	69	61527	3.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.563	65	33705	3.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.624	46	184840	39.544	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.080%
24) Chloroform-d	5.055	84	164449	3.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.695	65	77260	3.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
32) Benzene-d6	5.724	84	319299	3.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.000%
36) 1,2-Dichloropropane-d6	6.685	67	102666	3.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.894	98	274850	3.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.177	79	35454	3.407	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.631	63	151151	36.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	73839	3.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	96471	3.926	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.600%#
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6847	0.270	ug/L	94
8) Chloroethane	1.933	64	3494	0.234	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	6623	0.317	ug/L #	86
13) Acetone	2.631	43	187208	47.024	ug/L	99
15) Methyl Acetate	2.866	43	4390	0.620	ug/L #	49
19) 1,1-Dichloroethane	3.869	63	5049	0.129	ug/L	96
21) 2-Butanone	4.708	43	57020	11.038	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	2308	0.103	ug/L	87
34) Trichloroethene	6.537	95	349709	14.889	ug/L	99
35) Methylcyclohexane	6.685	83	23048	0.680	ug/L #	19
47) Tetrachloroethene	8.547	164	47288	2.986	ug/L	98
48) 2-Hexanone	8.689	43	14245	1.641	ug/L #	92
49) Dibromochloromethane	8.547	129	48799	2.866	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	17048	1.494	ug/L #	68

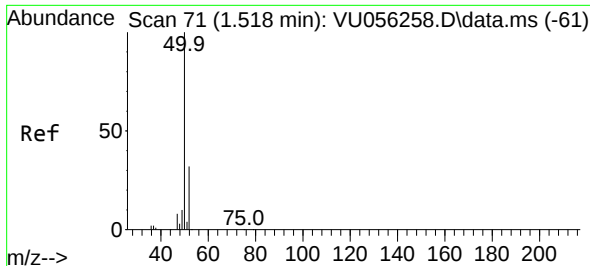
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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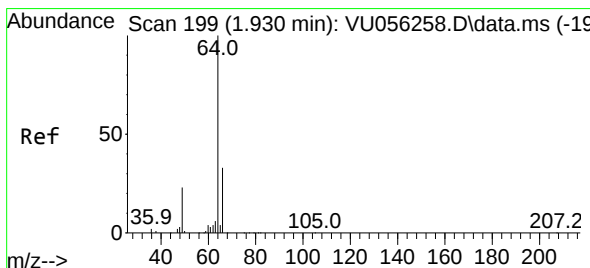
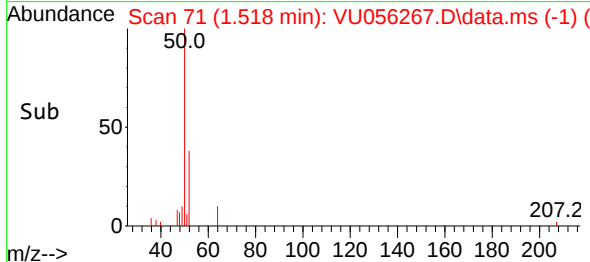
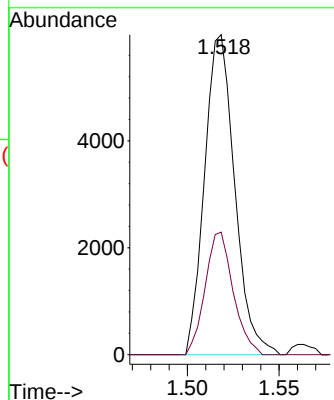
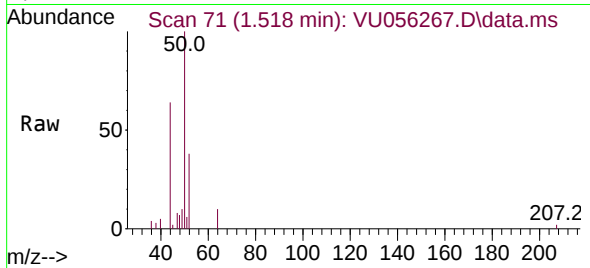




#3
Chloromethane
Concen: 0.270 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

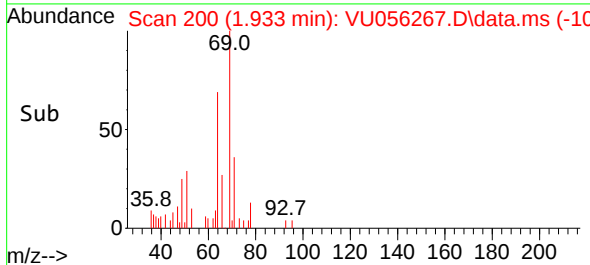
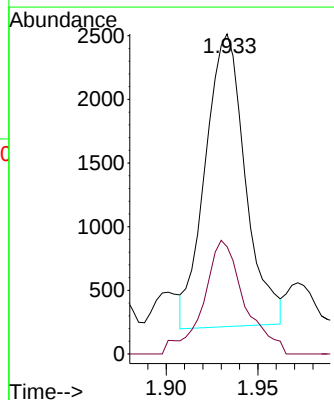
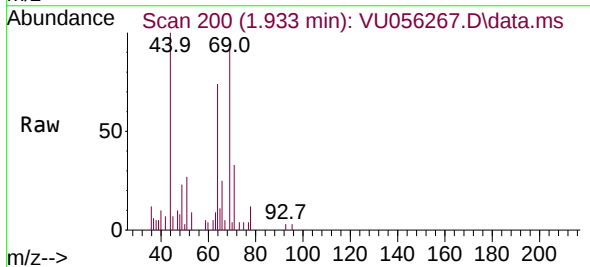
Instrument :
MSVOA_U
ClientSampleId :

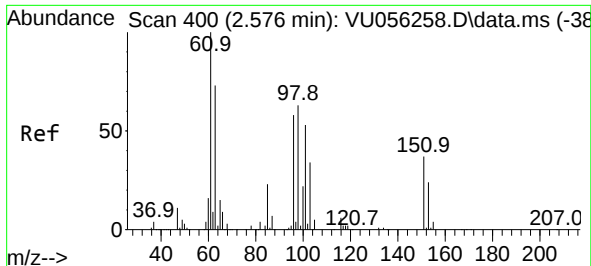
Tgt Ion: 50 Resp: 6847
Ion Ratio Lower Upper
50 100
52 38.3 24.3 45.1



#8
Chloroethane
Concen: 0.234 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

Tgt Ion: 64 Resp: 3494
Ion Ratio Lower Upper
64 100
66 33.5 23.9 44.5

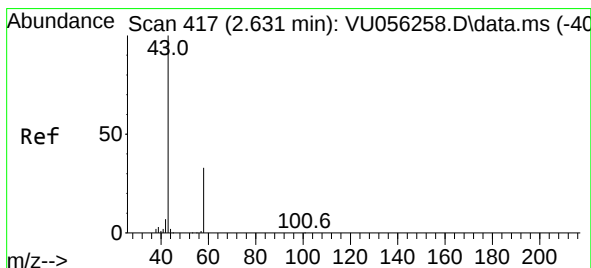
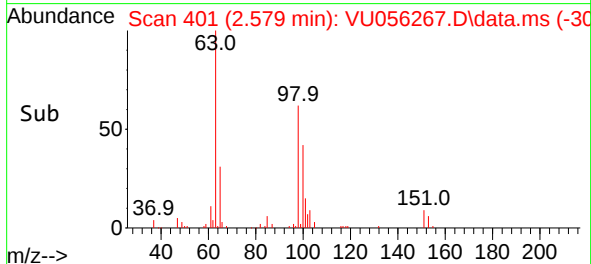
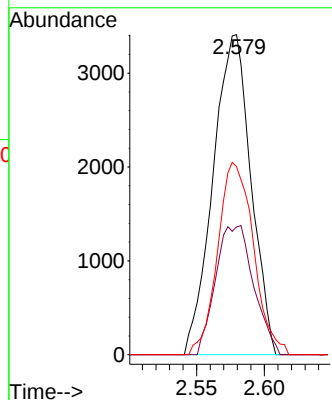
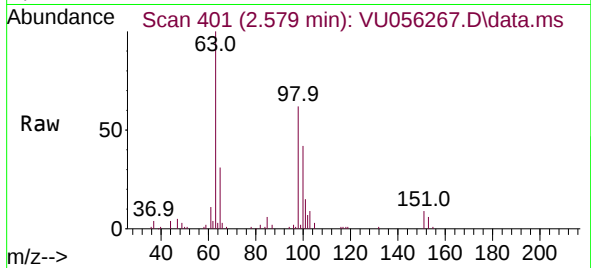




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.317 ug/L
 RT: 2.579 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU056267.D
 Acq: 13 Nov 2023 21:42

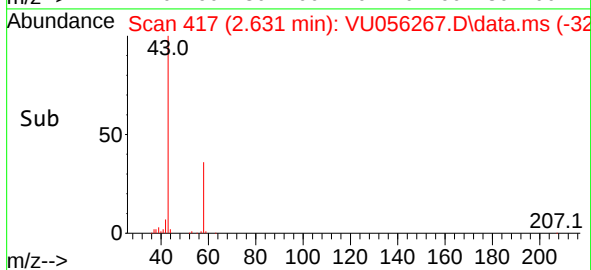
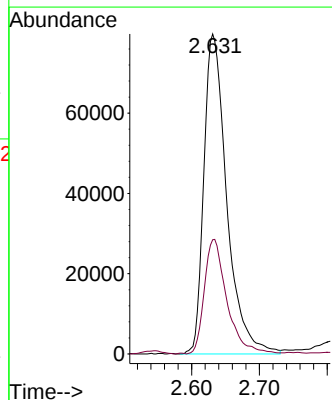
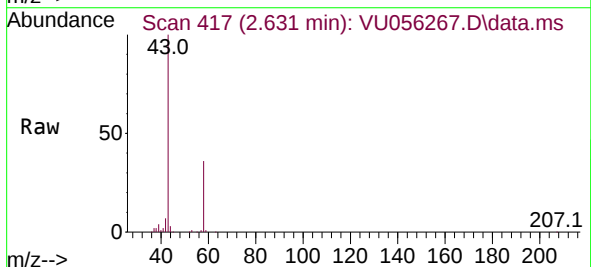
Instrument :
 MSVOA_U
 ClientSampleId :

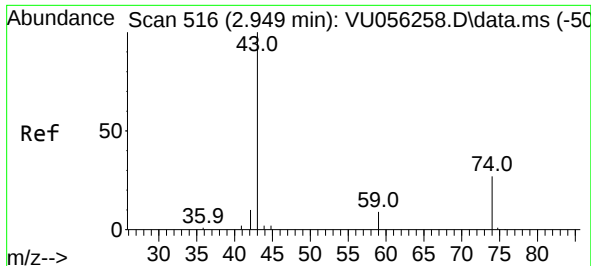
Tgt Ion:101 Resp: 6623
 Ion Ratio Lower Upper
 101 100
 85 40.5 35.4 53.0
 151 56.8 58.0 87.0#



#13
 Acetone
 Concen: 47.024 ug/L
 RT: 2.631 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VU056267.D
 Acq: 13 Nov 2023 21:42

Tgt Ion: 43 Resp: 187208
 Ion Ratio Lower Upper
 43 100
 58 35.4 0.0 70.0

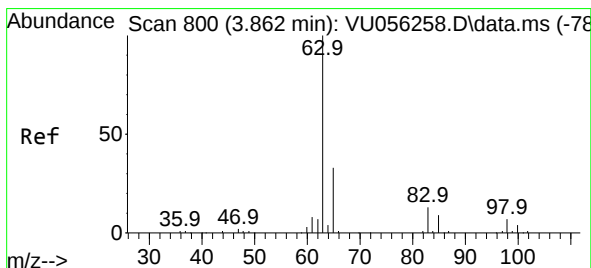
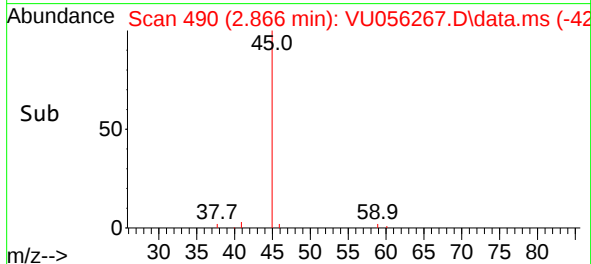
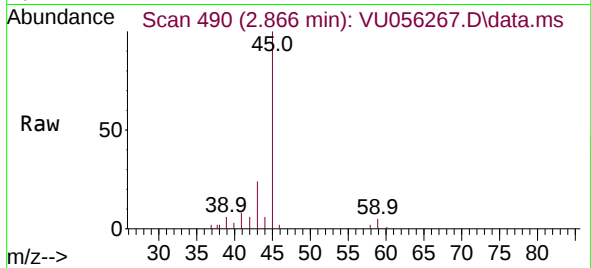




#15
Methyl Acetate
Concen: 0.620 ug/L
RT: 2.866 min Scan# 490
Delta R.T. -0.084 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

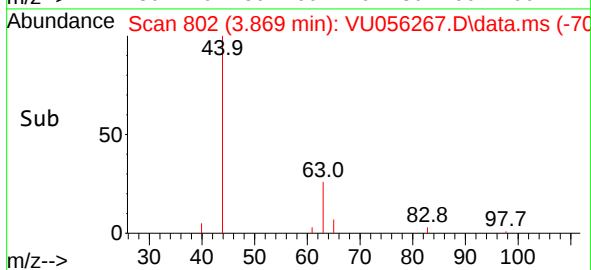
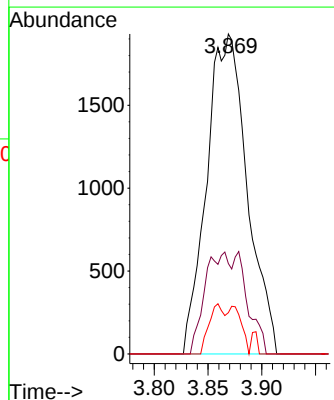
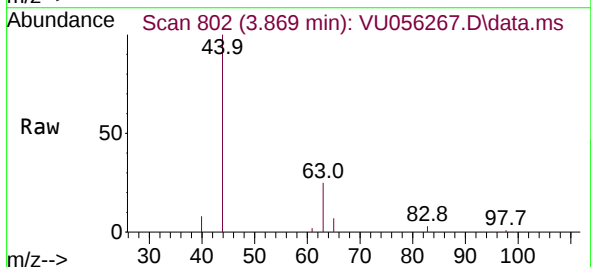
Instrument :
MSVOA_U
ClientSampleId :

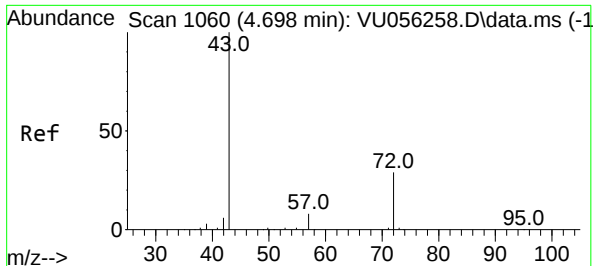
Tgt Ion: 43 Resp: 4390
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#19
1,1-Dichloroethane
Concen: 0.129 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

Tgt Ion: 63 Resp: 5049
Ion Ratio Lower Upper
63 100
65 28.2 21.8 40.6
83 12.9 9.7 17.9

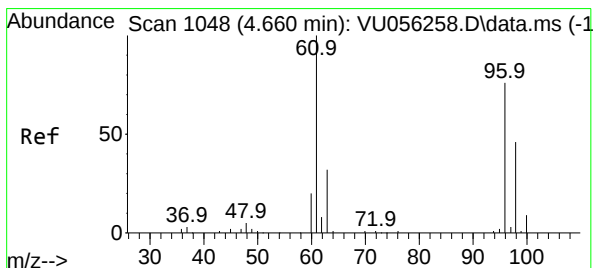
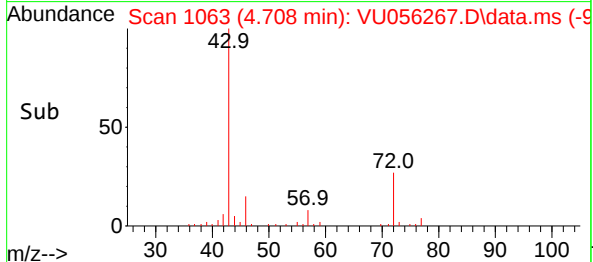
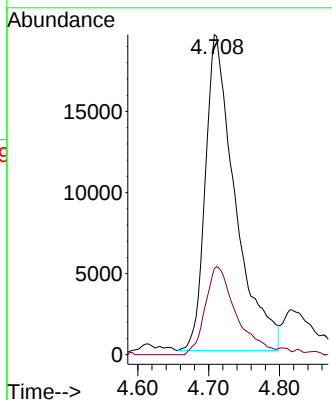
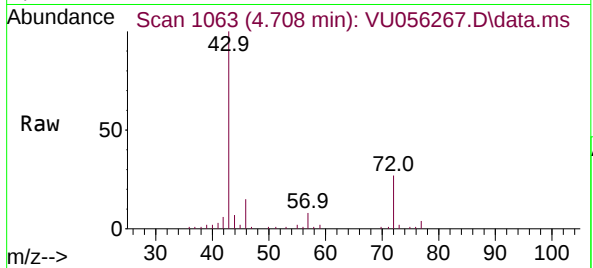




#21
2-Butanone
Concen: 11.038 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.010 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

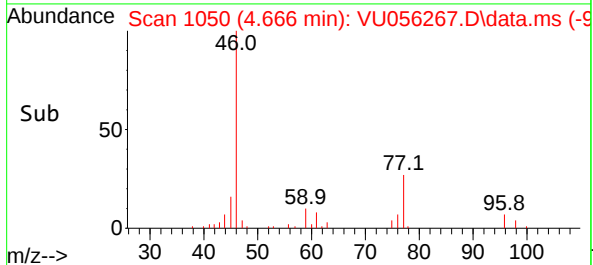
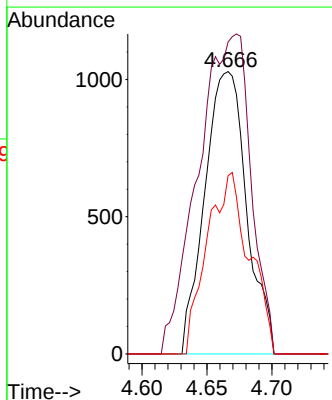
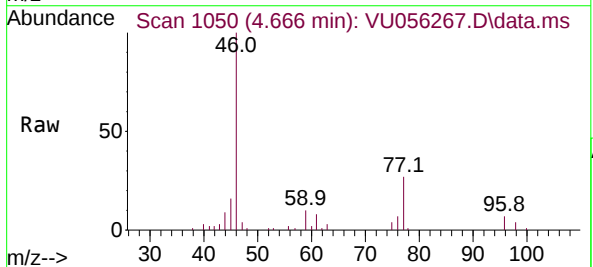
Instrument :
MSVOA_U
ClientSampleId :

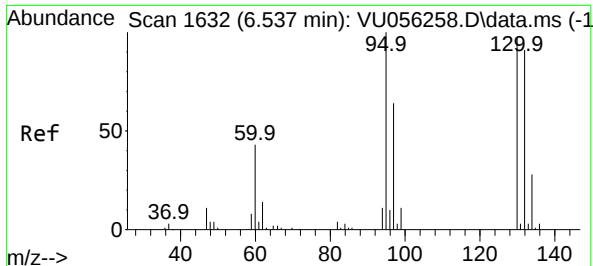
Tgt Ion: 43 Resp: 57020
Ion Ratio Lower Upper
43 100
72 29.0 14.2 42.6



#22
cis-1,2-Dichloroethene
Concen: 0.103 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

Tgt Ion: 96 Resp: 2308
Ion Ratio Lower Upper
96 100
61 110.5 93.2 173.2
98 63.2 44.8 83.2

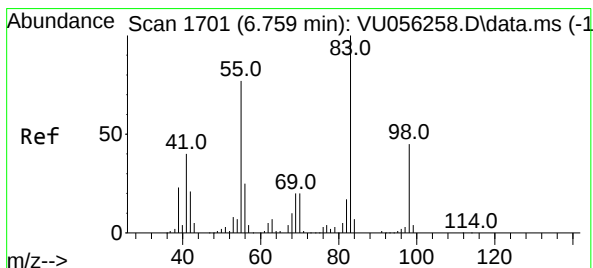
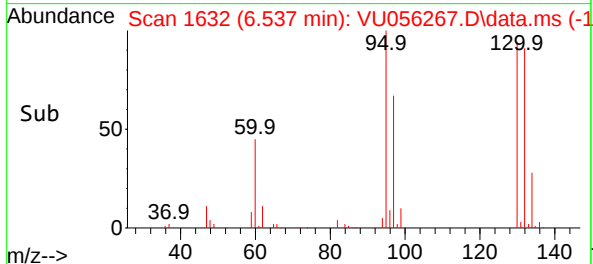
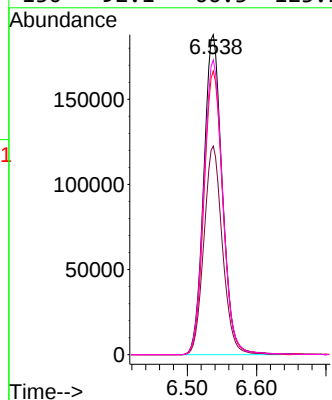
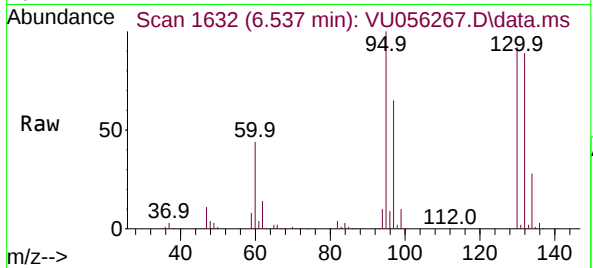




#34
Trichloroethene
Concen: 14.889 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

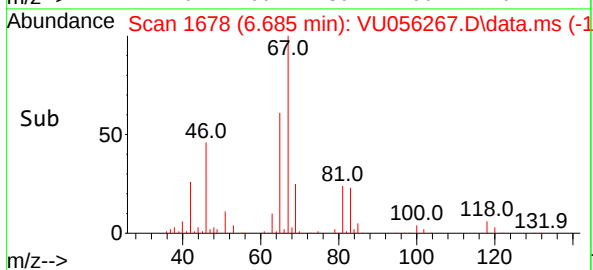
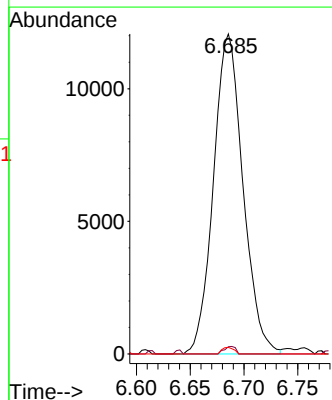
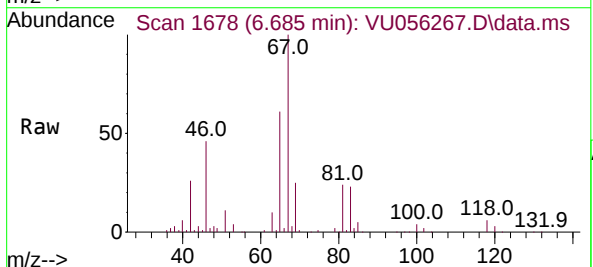
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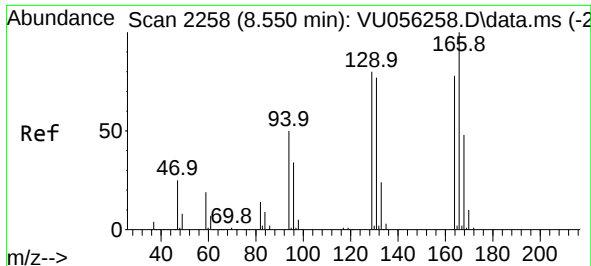
Tgt Ion: 95 Resp: 349709
Ion Ratio Lower Upper
95 100
97 65.2 46.5 86.3
132 88.6 62.0 115.2
130 92.1 66.3 123.1



#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

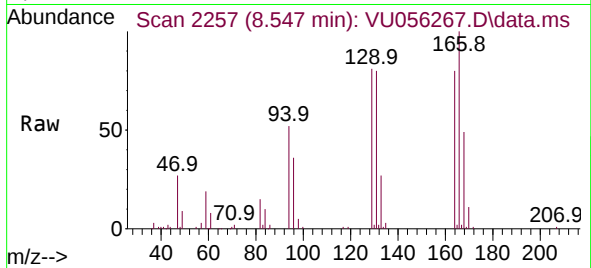
Tgt Ion: 83 Resp: 23048
Ion Ratio Lower Upper
83 100
55 0.9 62.9 94.3#
98 0.0 35.3 52.9#



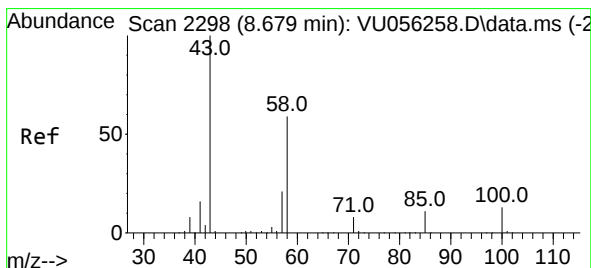
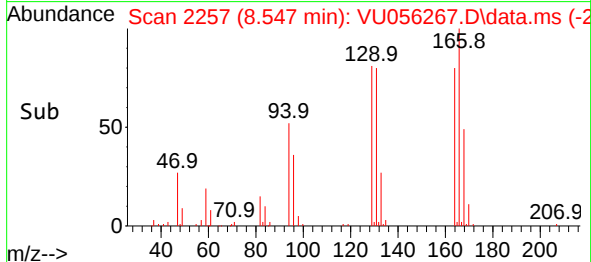
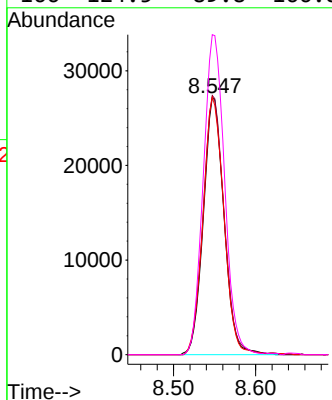


#47
Tetrachloroethene
Concen: 2.986 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

Instrument :
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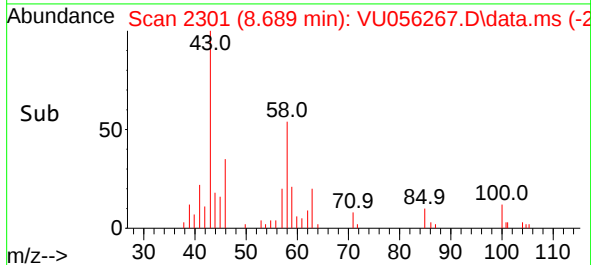
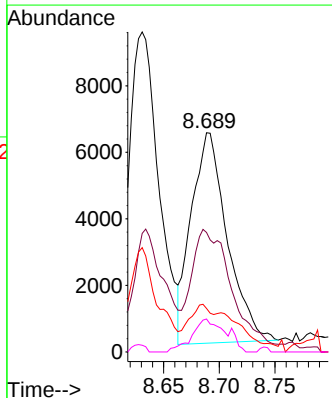
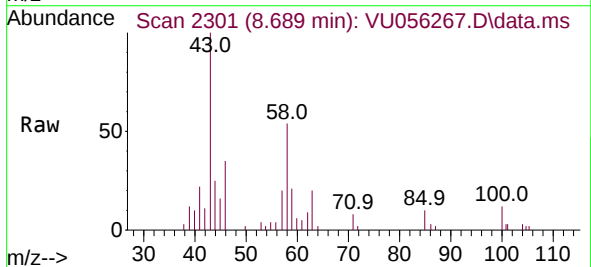


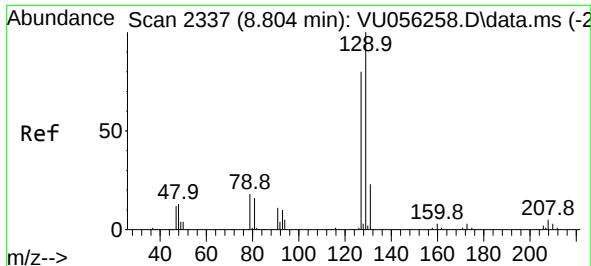
Tgt Ion:164 Resp: 47288
Ion Ratio Lower Upper
164 100
129 100.8 71.0 131.9
131 100.2 70.3 130.7
166 124.5 89.8 166.8



#48
2-Hexanone
Concen: 1.641 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.010 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

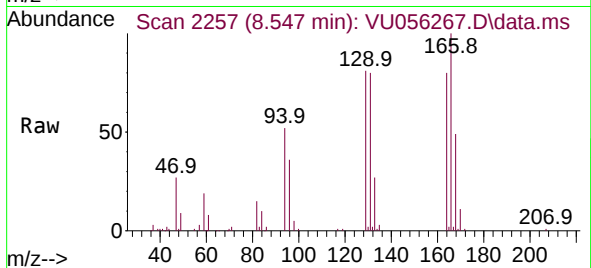
Tgt Ion: 43 Resp: 14245
Ion Ratio Lower Upper
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58 59.9 48.7 73.1
57 6.9 16.8 25.2#
100 14.7 9.9 14.9



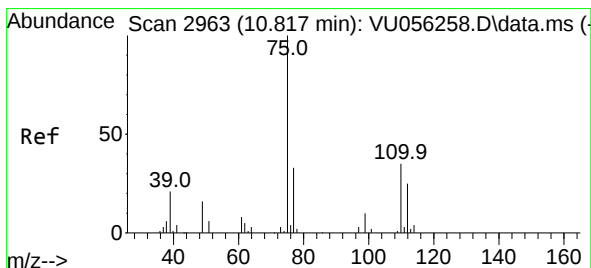
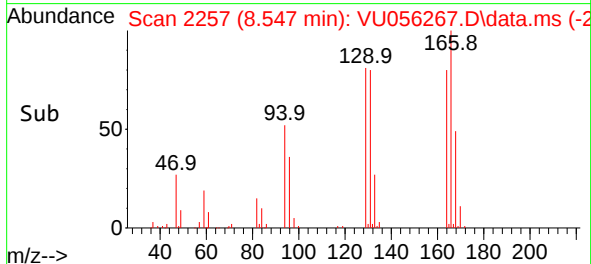
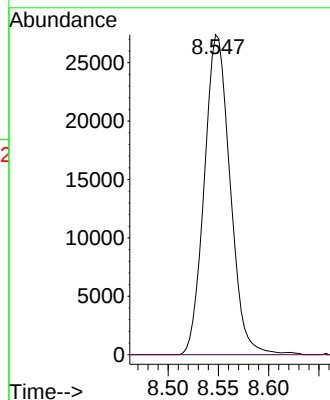


#49
Dibromochloromethane
Concen: 2.866 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 48799
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.494 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056267.D
Acq: 13 Nov 2023 21:42

Tgt Ion: 75 Resp: 17048
Ion Ratio Lower Upper
75 100
110 2.4 30.4 45.6#
77 34.6 27.0 40.6

