

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056274.D
 Acq On : 14 Nov 2023 00:32
 Operator : MD/SY
 Sample : 05372-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:47:27 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)

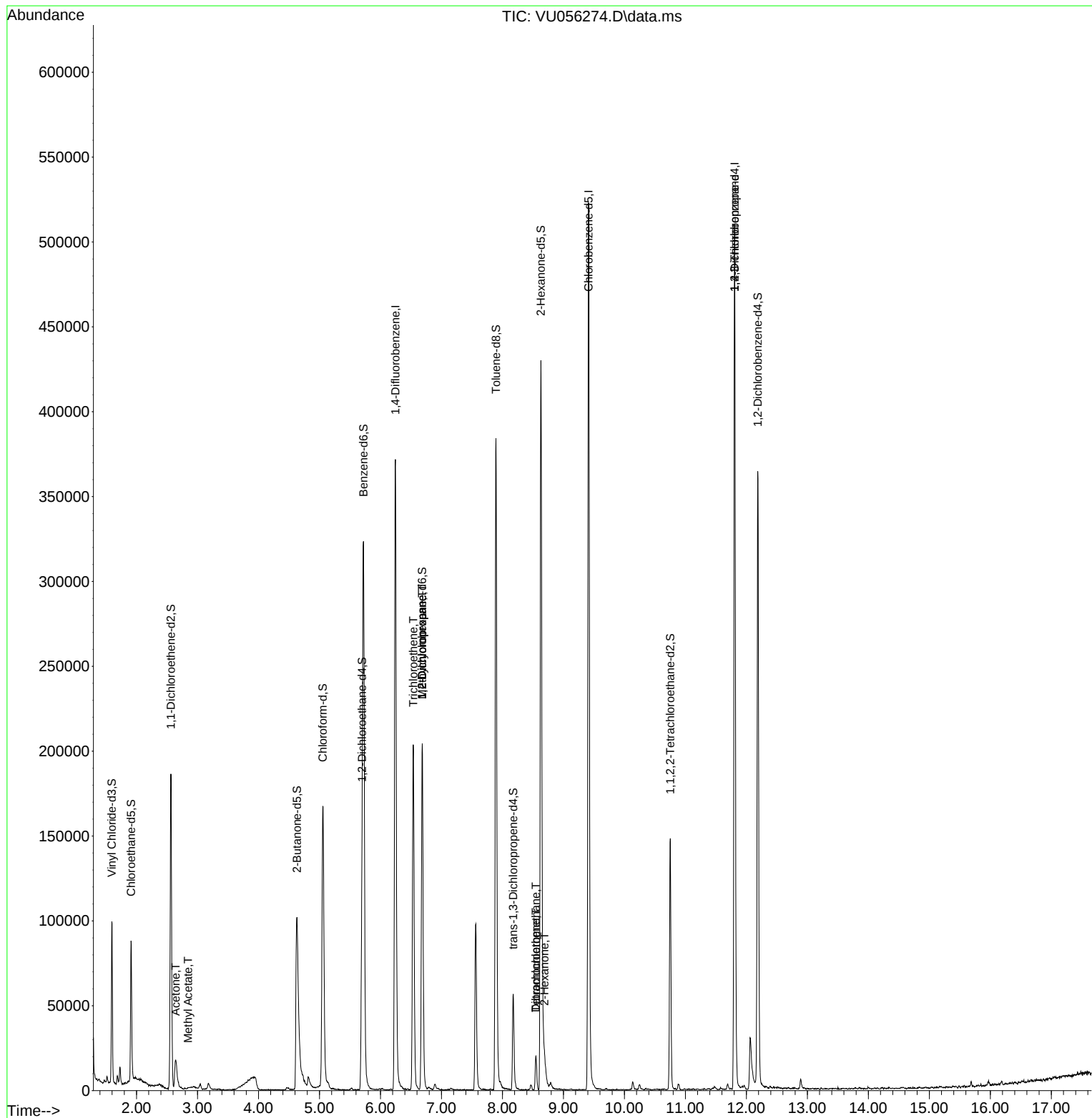
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	305713	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	302760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	135428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67752	2.963	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.911	69	59796	3.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.563	65	35456	3.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.631	46	188808	41.409	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.820%
24) Chloroform-d	5.055	84	160109	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
26) 1,2-Dichloroethane-d4	5.698	65	77141	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
32) Benzene-d6	5.721	84	313089	3.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
36) 1,2-Dichloropropane-d6	6.685	67	99760	3.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.400%
41) Toluene-d8	7.894	98	266660	3.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.177	79	35777	3.431	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.631	63	155029	37.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.680%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	72427	3.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	97029	3.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						Qvalue
13) Acetone	2.640	43	31726	8.170	ug/L	97
15) Methyl Acetate	2.846	43	1068	0.155	ug/L #	49
34) Trichloroethene	6.541	95	75039	3.188	ug/L	95
35) Methylcyclohexane	6.685	83	23355	0.687	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	10937	0.485	ug/L #	89
47) Tetrachloroethene	8.547	164	4607	0.290	ug/L	91
48) 2-Hexanone	8.688	43	9683	1.113	ug/L #	85
49) Dibromochloromethane	8.547	129	4577	0.268	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	17161	1.477	ug/L #	68

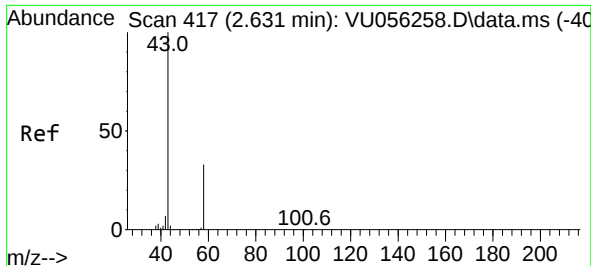
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.170 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU056274.D

Acq: 14 Nov 2023 00:32

Instrument :

MSVOA_U

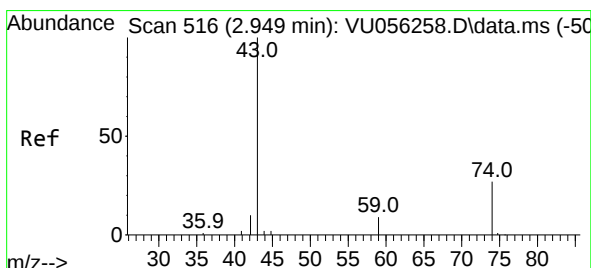
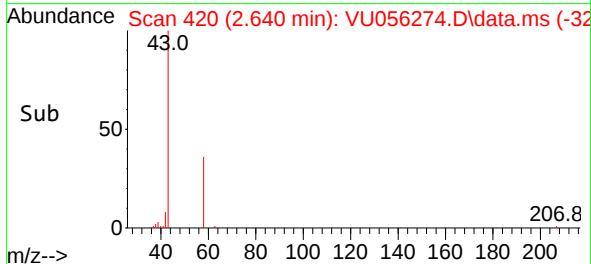
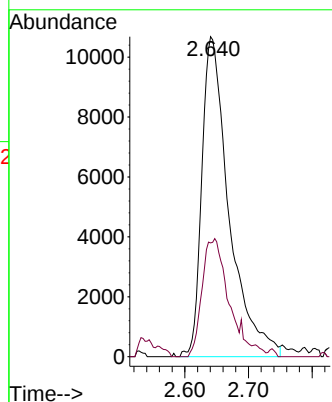
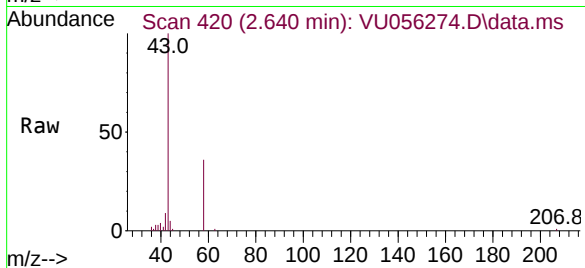
ClientSampleId :

Tgt Ion: 43 Resp: 31726

Ion Ratio Lower Upper

43 100

58 36.8 0.0 70.0



#15

Methyl Acetate

Concen: 0.155 ug/L

RT: 2.846 min Scan# 484

Delta R.T. -0.103 min

Lab File: VU056274.D

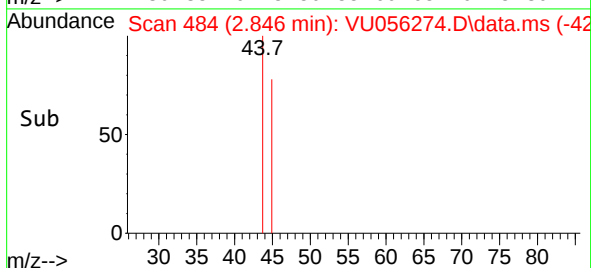
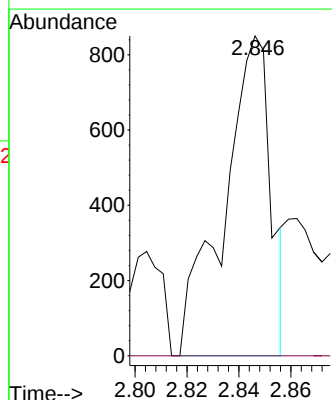
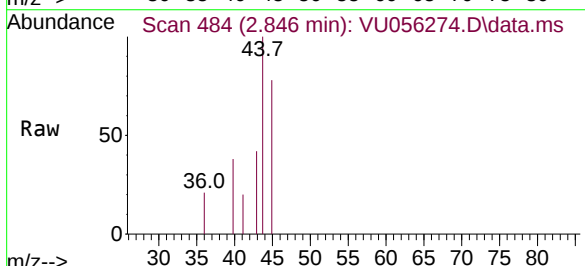
Acq: 14 Nov 2023 00:32

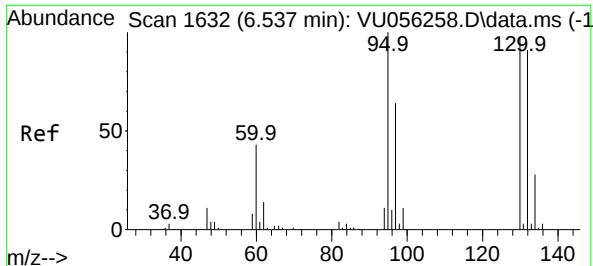
Tgt Ion: 43 Resp: 1068

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#

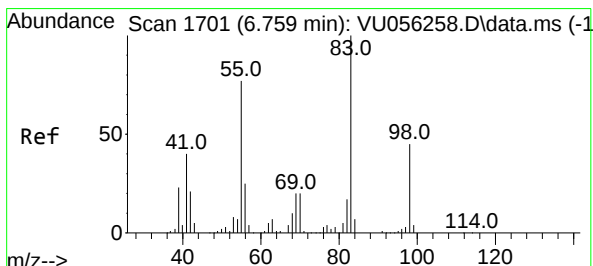
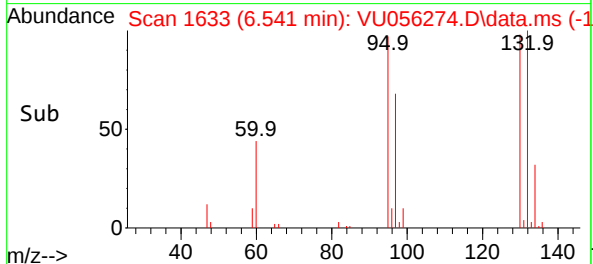
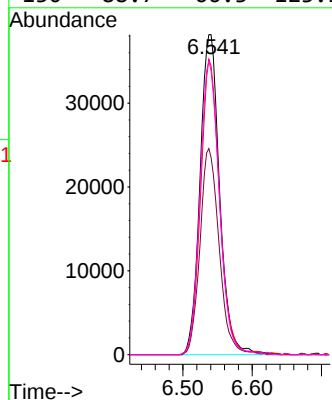
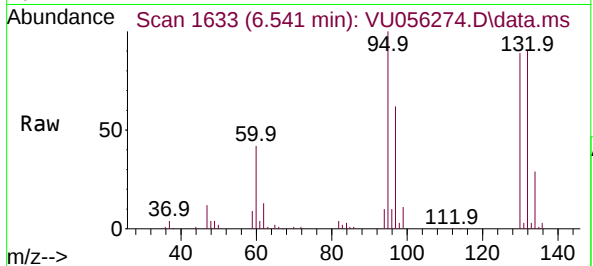




#34
Trichloroethene
Concen: 3.188 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056274.D
Acq: 14 Nov 2023 00:32

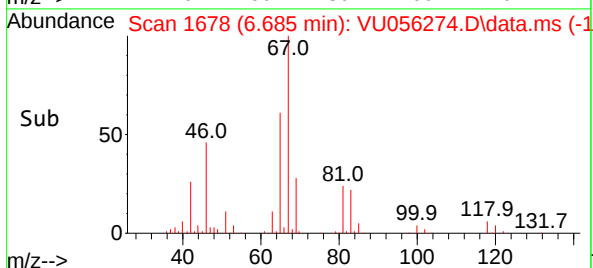
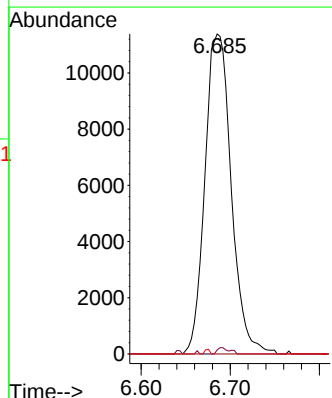
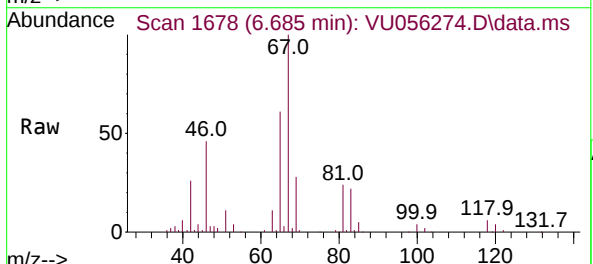
Instrument :
MSVOA_U
ClientSampleId :

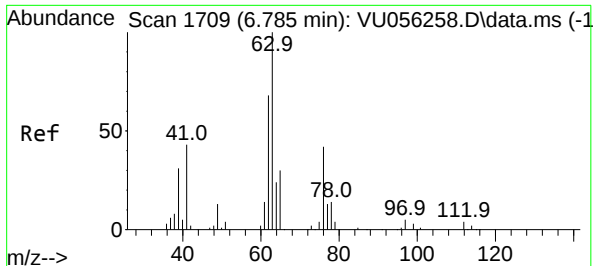
Tgt Ion: 95 Resp: 75039
Ion Ratio Lower Upper
95 100
97 61.7 46.5 86.3
132 90.3 62.0 115.2
130 88.7 66.3 123.1



#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056274.D
Acq: 14 Nov 2023 00:32

Tgt Ion: 83 Resp: 23355
Ion Ratio Lower Upper
83 100
55 0.9 62.9 94.3#
98 0.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.485 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056274.D

Acq: 14 Nov 2023 00:32

Instrument :

MSVOA_U

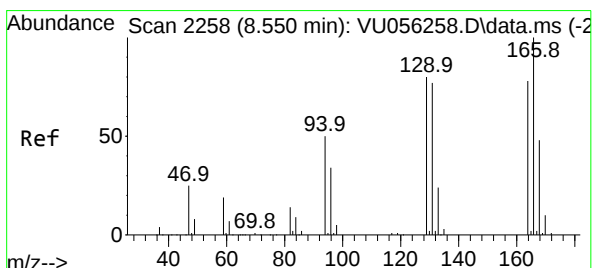
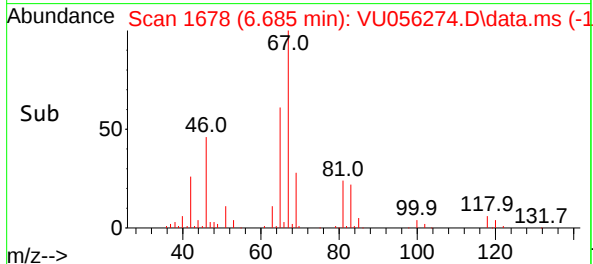
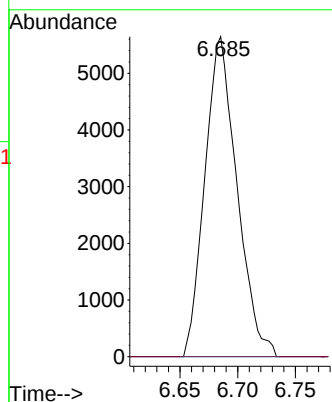
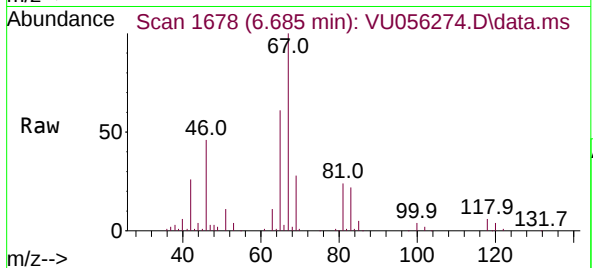
ClientSampleId :

Tgt Ion: 63 Resp: 10937

Ion Ratio Lower Upper

63 100

112 0.5 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.290 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056274.D

Acq: 14 Nov 2023 00:32

Tgt Ion: 164 Resp: 4607

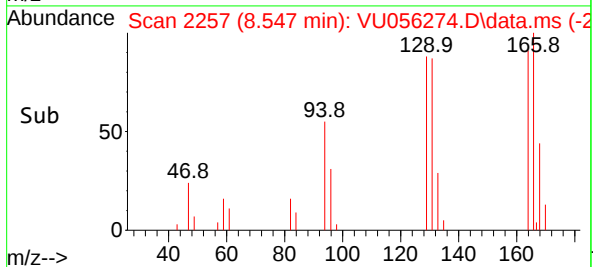
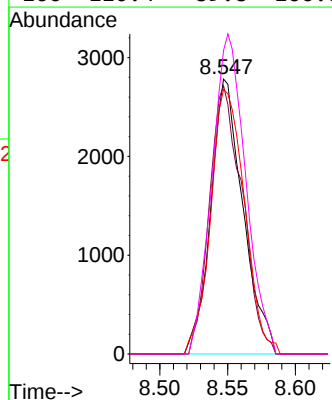
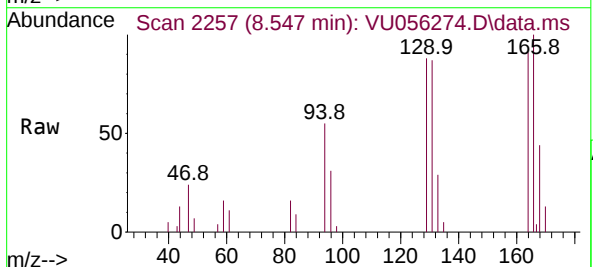
Ion Ratio Lower Upper

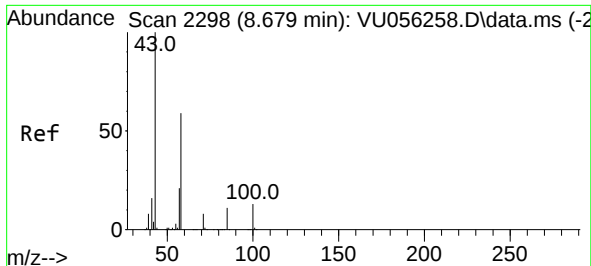
164 100

129 97.6 71.0 131.9

131 96.3 70.3 130.7

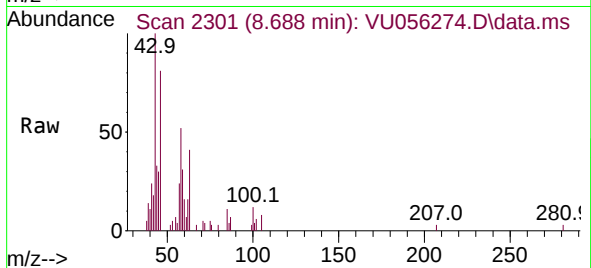
166 110.4 89.8 166.8



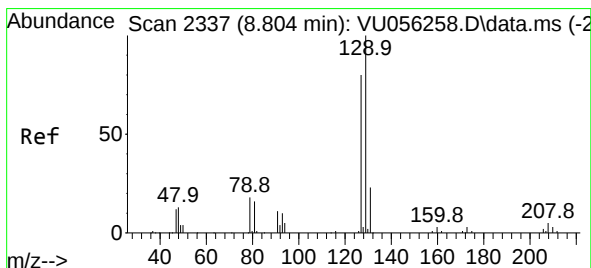
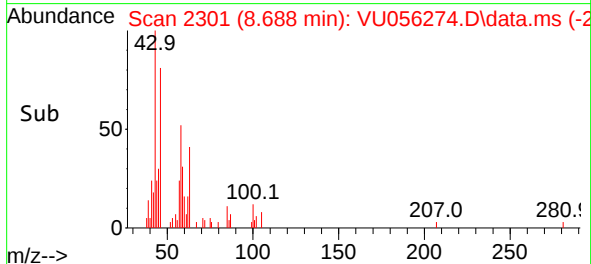
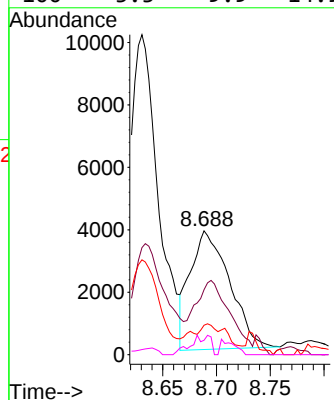


#48
2-Hexanone
Concen: 1.113 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056274.D
Acq: 14 Nov 2023 00:32

Instrument :
MSVOA_U
ClientSampleId :

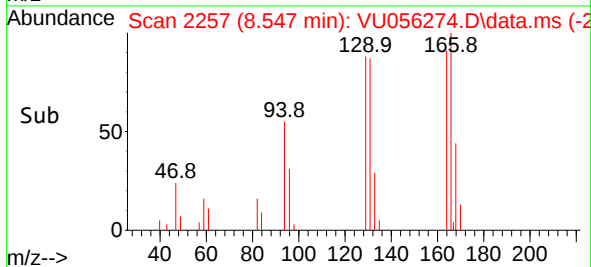
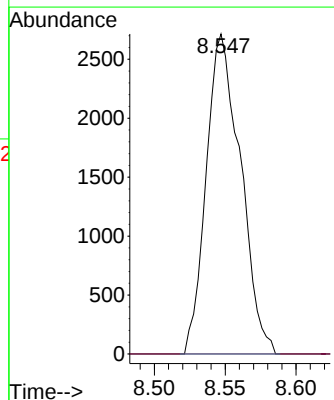
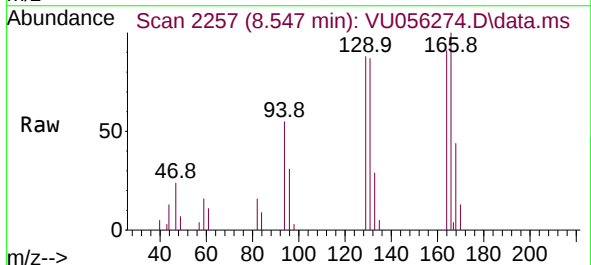


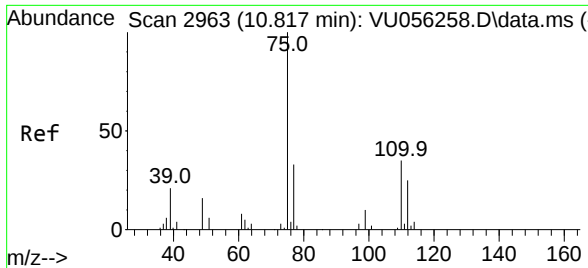
Tgt Ion: 43 Resp: 9683
Ion Ratio Lower Upper
43 100
58 56.4 48.7 73.1
57 2.9 16.8 25.2#
100 3.3 9.9 14.9#



#49
Dibromochloromethane
Concen: 0.268 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056274.D
Acq: 14 Nov 2023 00:32

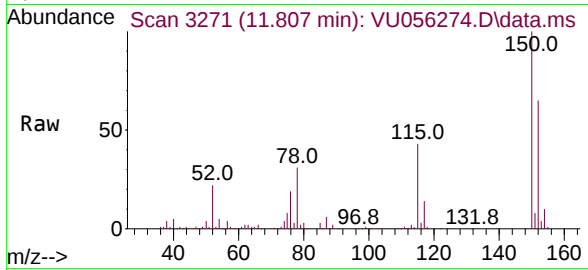
Tgt Ion: 129 Resp: 4577
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.477 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056274.D
 Acq: 14 Nov 2023 00:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17161
 Ion Ratio Lower Upper
 75 100
 110 2.7 30.4 45.6#
 77 33.1 27.0 40.6

