

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056275.D
 Acq On : 14 Nov 2023 00:56
 Operator : MD/SY
 Sample : 05372-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:47:41 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)

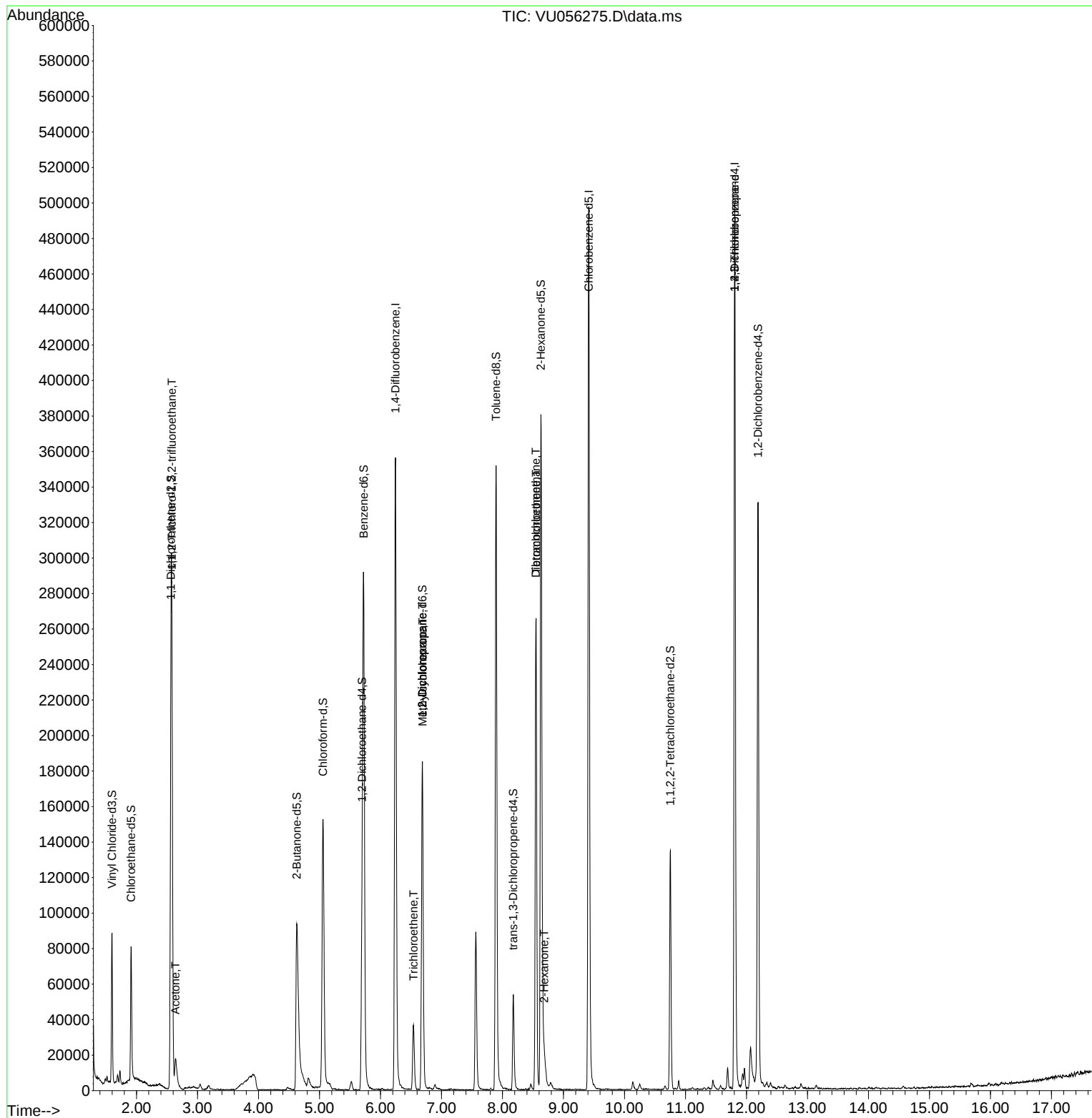
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	286927	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	291532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	61336	2.858	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.911	69	56115	3.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.563	65	30331	3.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.627	46	174139	40.693	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.380%
24) Chloroform-d	5.055	84	145218	3.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.000%
26) 1,2-Dichloroethane-d4	5.698	65	71570	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
32) Benzene-d6	5.724	84	278551	3.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.200%#
36) 1,2-Dichloropropane-d6	6.685	67	93747	3.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.894	98	241544	3.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	8.177	79	33001	3.287	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.630	63	138991	35.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69059	3.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	87383	3.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.000%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	84677	4.422	ug/L	99
13) Acetone	2.637	43	32226	8.842	ug/L	96
34) Trichloroethene	6.541	95	13449	0.593	ug/L	97
35) Methylcyclohexane	6.688	83	21917	0.670	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9786	0.451	ug/L #	88
47) Tetrachloroethene	8.550	164	58068	3.799	ug/L	98
48) 2-Hexanone	8.685	43	9949	1.188	ug/L #	68
49) Dibromochloromethane	8.547	129	59829	3.642	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	16470	1.481	ug/L #	67

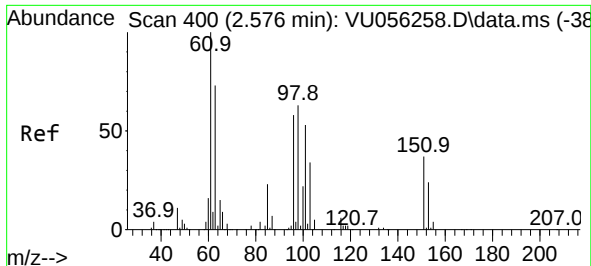
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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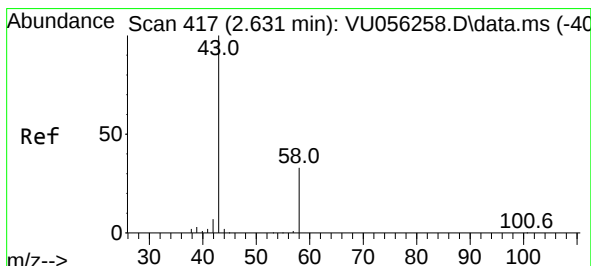
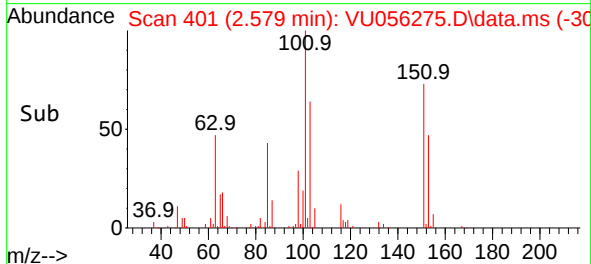
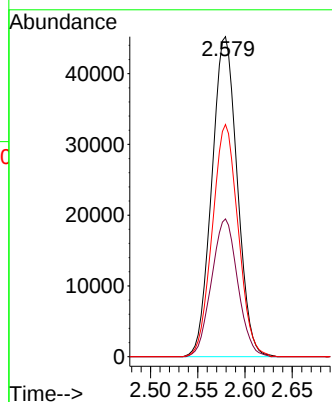
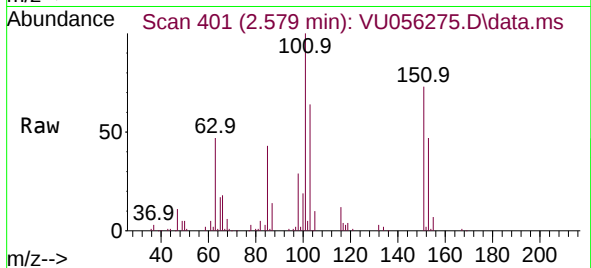




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.422 ug/L
RT: 2.579 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU056275.D
Acq: 14 Nov 2023 00:56

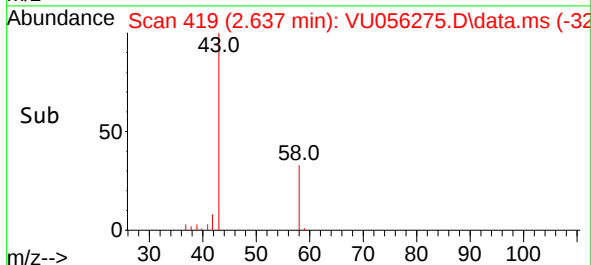
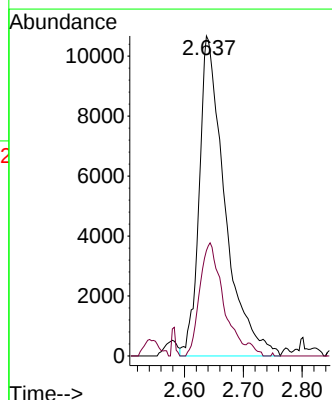
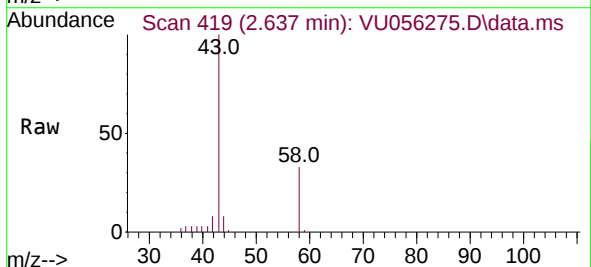
Instrument :
MSVOA_U
ClientSampleId :

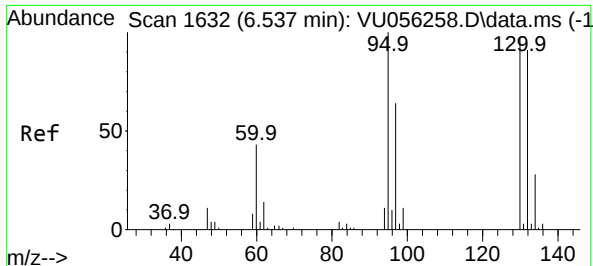
Tgt Ion:101 Resp: 84677
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 73.8 58.0 87.0



#13
Acetone
Concen: 8.842 ug/L
RT: 2.637 min Scan# 419
Delta R.T. 0.006 min
Lab File: VU056275.D
Acq: 14 Nov 2023 00:56

Tgt Ion: 43 Resp: 32226
Ion Ratio Lower Upper
43 100
58 32.4 0.0 70.0





#34

Trichloroethene

Concen: 0.593 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056275.D

Acq: 14 Nov 2023 00:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 13449

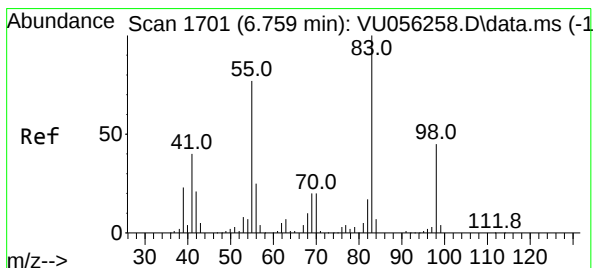
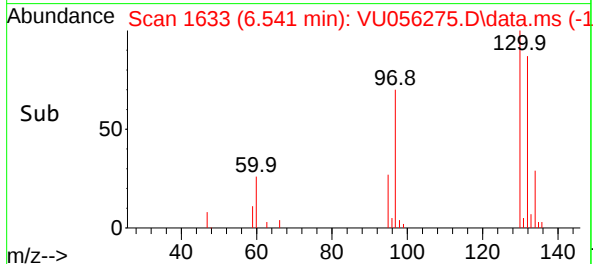
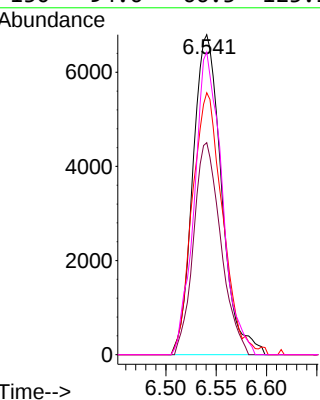
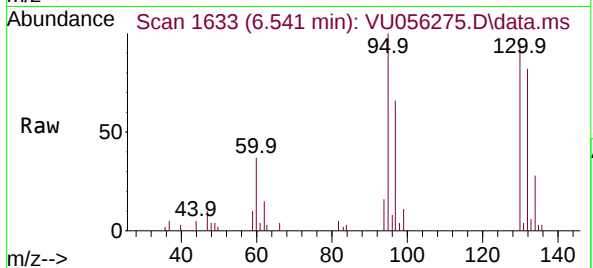
Ion Ratio Lower Upper

95 100

97 66.2 46.5 86.3

132 81.9 62.0 115.2

130 94.6 66.3 123.1



#35

Methylcyclohexane

Concen: 0.670 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU056275.D

Acq: 14 Nov 2023 00:56

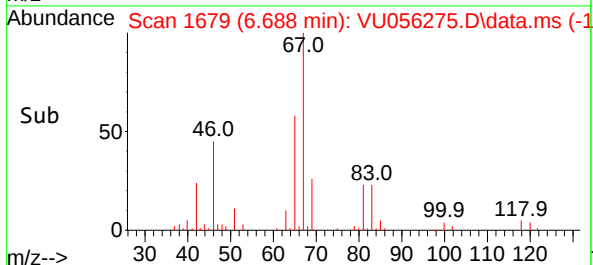
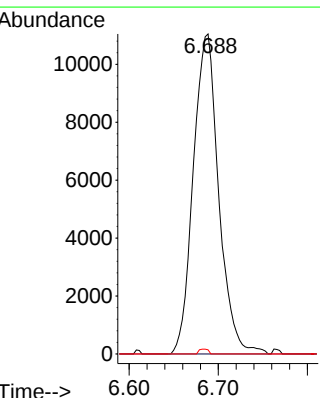
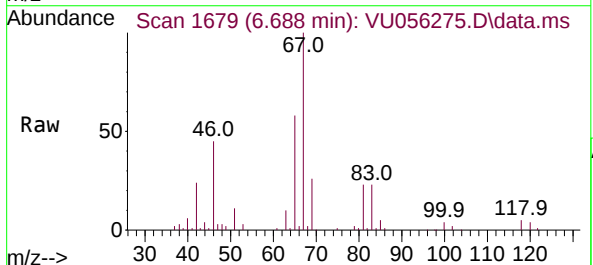
Tgt Ion: 83 Resp: 21917

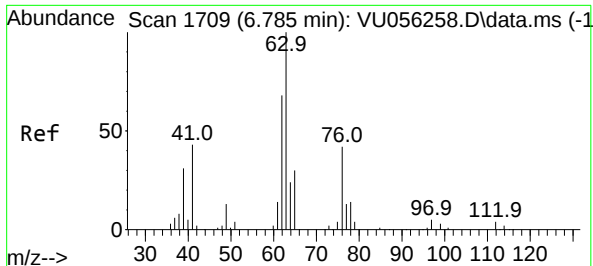
Ion Ratio Lower Upper

83 100

55 0.5 62.9 94.3#

98 0.5 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.451 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056275.D

Acq: 14 Nov 2023 00:56

Instrument :

MSVOA_U

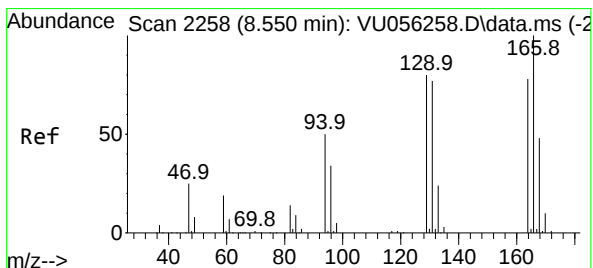
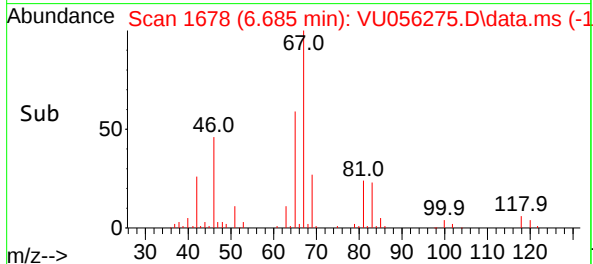
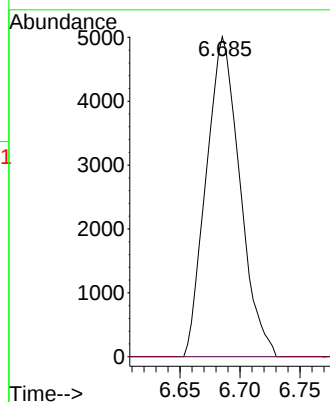
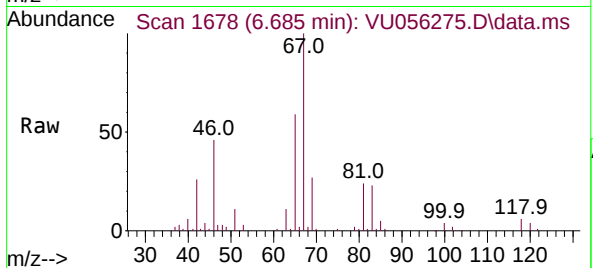
ClientSampleId :

Tgt Ion: 63 Resp: 9786

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 3.799 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056275.D

Acq: 14 Nov 2023 00:56

Tgt Ion: 164 Resp: 58068

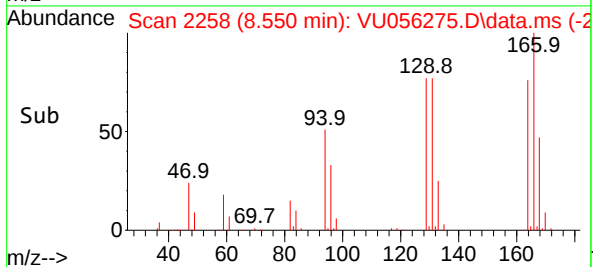
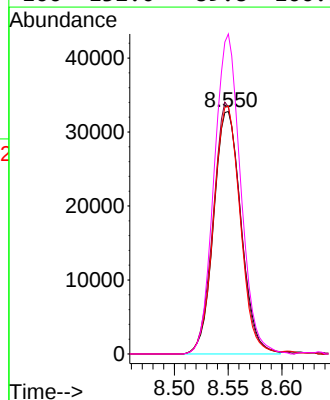
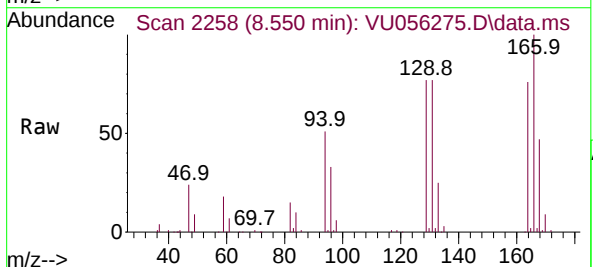
Ion Ratio Lower Upper

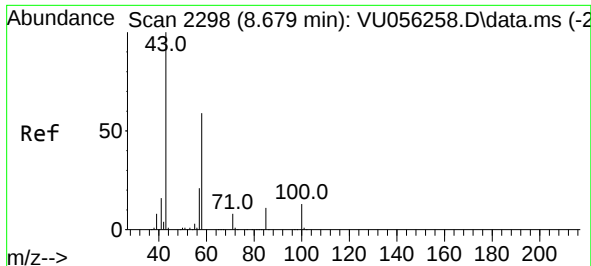
164 100

129 102.0 71.0 131.9

131 102.2 70.3 130.7

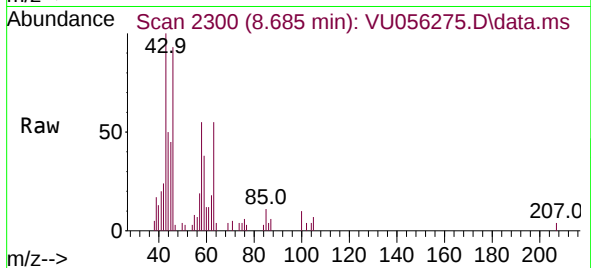
166 132.0 89.8 166.8



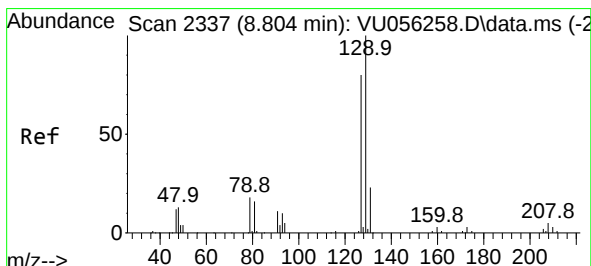
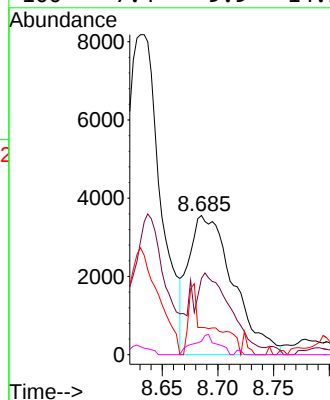
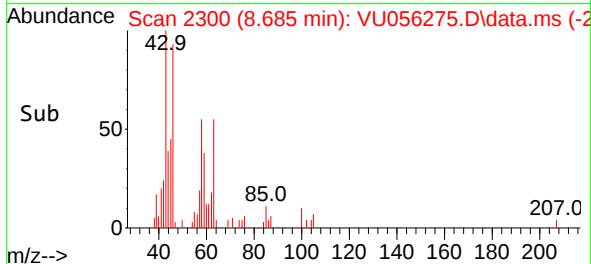


#48
2-Hexanone
Concen: 1.188 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056275.D
Acq: 14 Nov 2023 00:56

Instrument :
MSVOA_U
ClientSampleId :

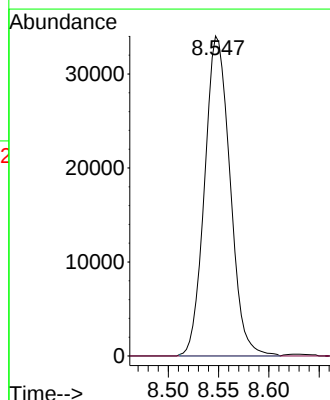
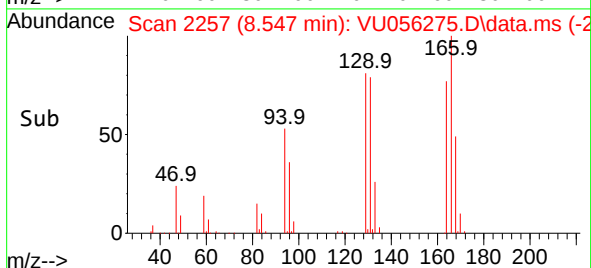
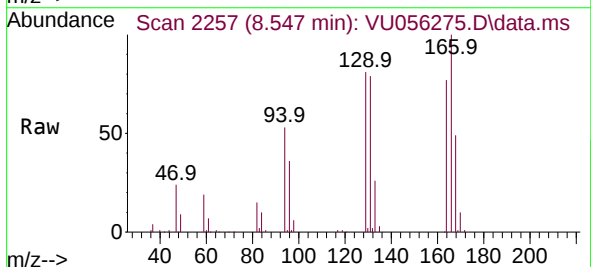


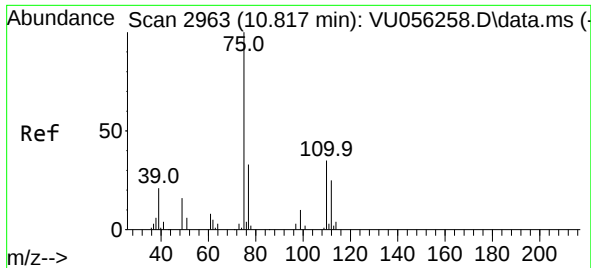
Tgt Ion: 43 Resp: 9949
Ion Ratio Lower Upper
43 100
58 36.8 48.7 73.1#
57 0.0 16.8 25.2#
100 7.4 9.9 14.9#



#49
Dibromochloromethane
Concen: 3.642 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056275.D
Acq: 14 Nov 2023 00:56

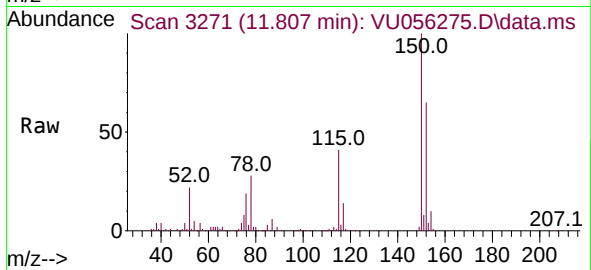
Tgt Ion: 129 Resp: 59829
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.481 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056275.D
 Acq: 14 Nov 2023 00:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16470
 Ion Ratio Lower Upper
 75 100
 110 2.7 30.4 45.6#
 77 31.6 27.0 40.6

