

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056397.D
 Acq On : 16 Nov 2023 11:04
 Operator : MD/SY
 Sample : 05372-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:35:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

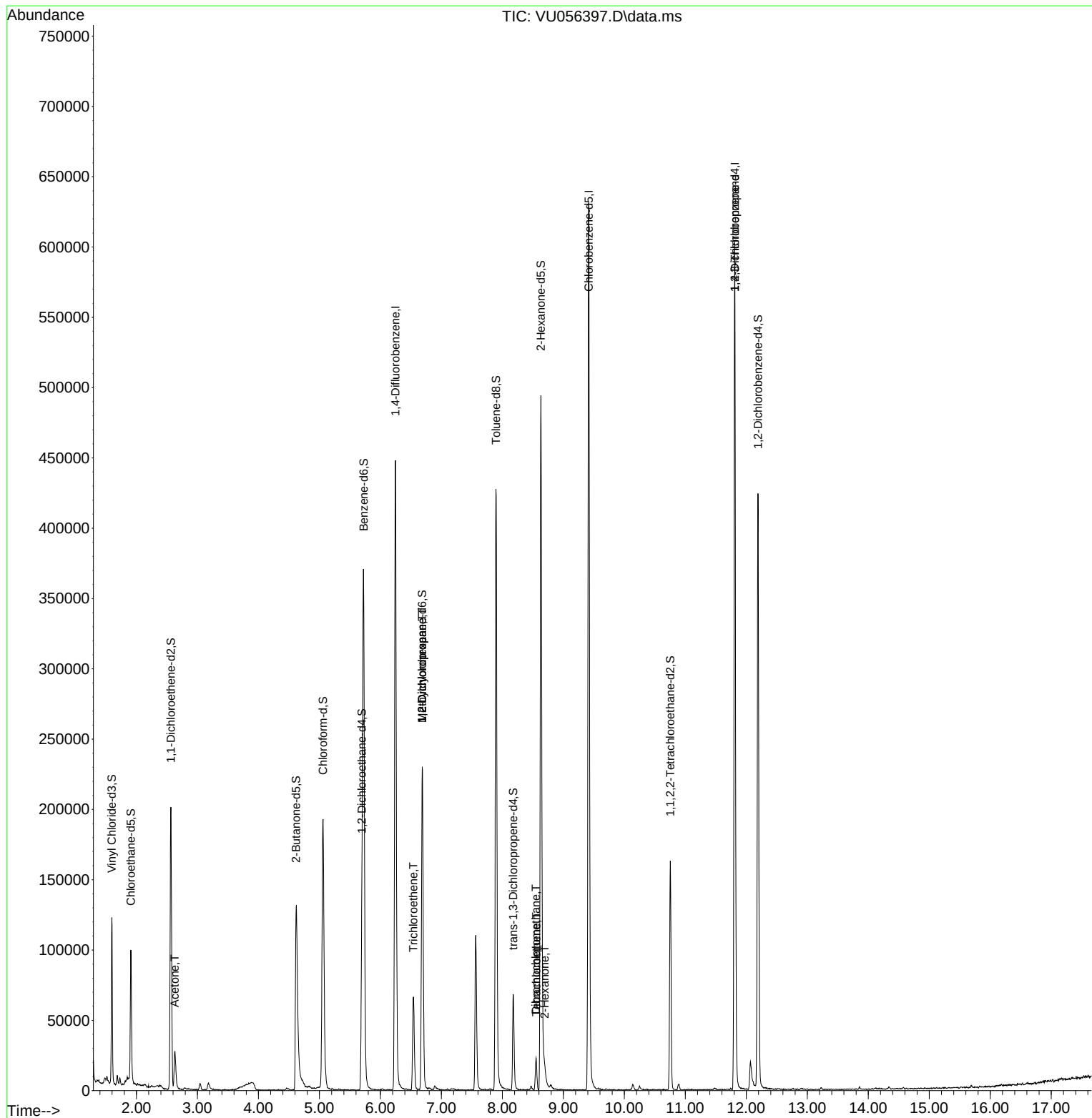
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	362599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	364803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	160081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83897	3.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.908	69	70158	3.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	2.563	65	38589	3.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	4.618	46	207618	38.391	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.780%
24) Chloroform-d	5.059	84	181361	3.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
26) 1,2-Dichloroethane-d4	5.695	65	90912	3.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
32) Benzene-d6	5.724	84	354280	3.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.200%#
36) 1,2-Dichloropropane-d6	6.685	67	113535	3.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.400%
41) Toluene-d8	7.894	98	297459	3.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.000%#
43) trans-1,3-Dichloroprop...	8.177	79	41796	3.327	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.631	63	172124	34.863	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81814	3.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	108182	3.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.200%#
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	35350	7.675	ug/L	98
34) Trichloroethene	6.541	95	24865	0.877	ug/L	90
35) Methylcyclohexane	6.685	83	27097	0.662	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	12347	0.455	ug/L #	90
47) Tetrachloroethene	8.557	164	5542	0.290	ug/L	75
48) 2-Hexanone	8.692	43	8759	0.836	ug/L #	98
49) Dibromochloromethane	8.550	129	4917	0.239	ug/L #	12
61) 1,2,3-Trichloropropane	11.811	75	18946	1.379	ug/L #	67

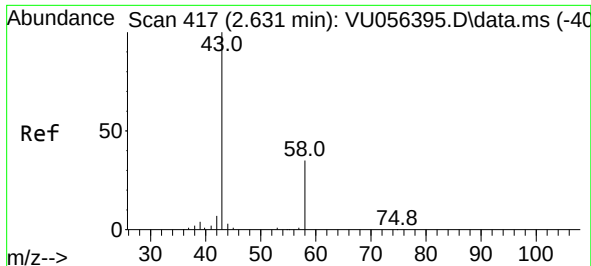
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.675 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056397.D

Acq: 16 Nov 2023 11:04

Instrument :

MSVOA_U

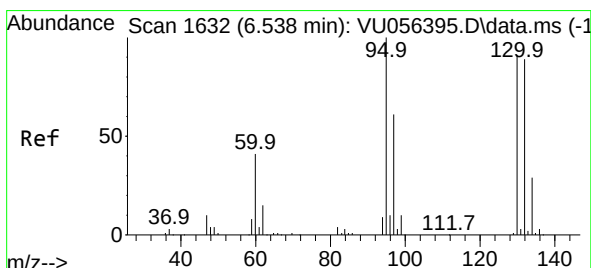
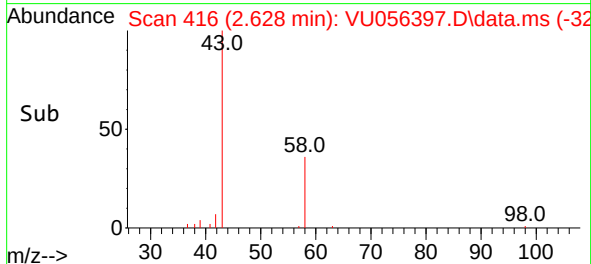
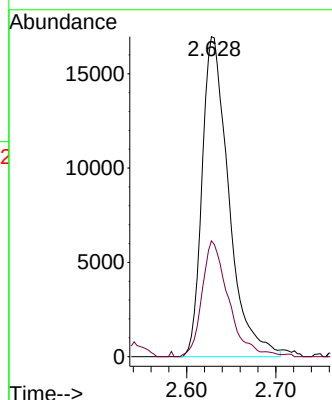
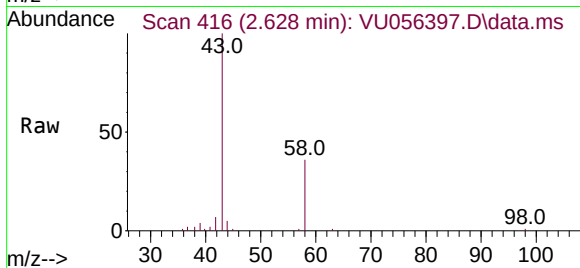
ClientSampleId :

Tgt Ion: 43 Resp: 35350

Ion Ratio Lower Upper

43 100

58 36.1 0.0 70.0



#34

Trichloroethene

Concen: 0.877 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU056397.D

Acq: 16 Nov 2023 11:04

Tgt Ion: 95 Resp: 24865

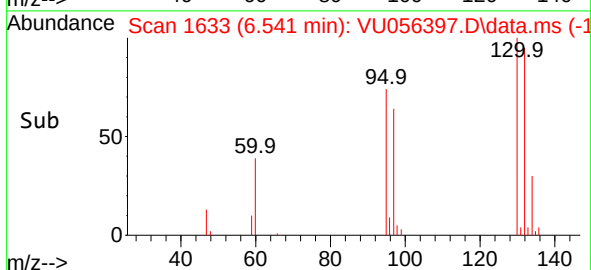
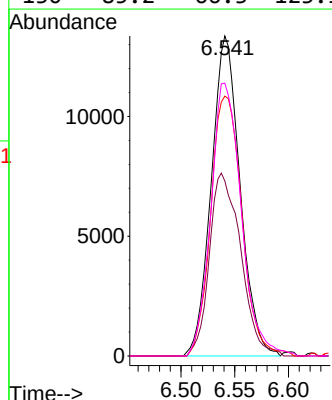
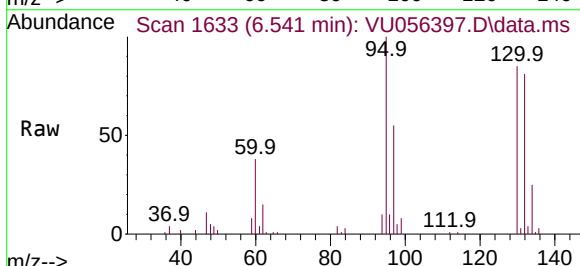
Ion Ratio Lower Upper

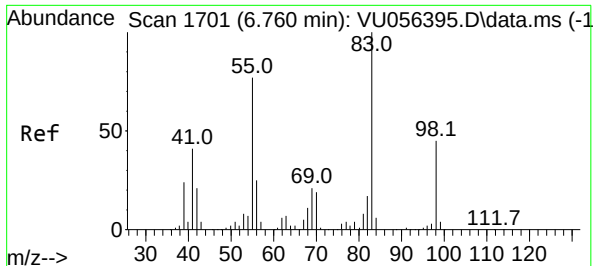
95 100

97 54.6 46.5 86.3

132 81.2 62.0 115.2

130 85.2 66.3 123.1

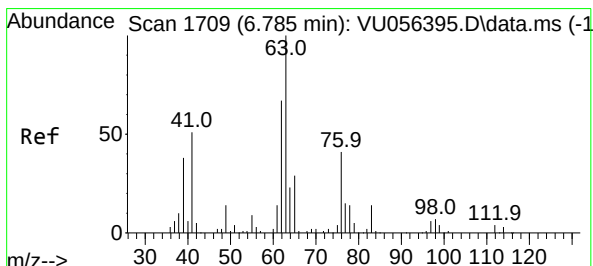
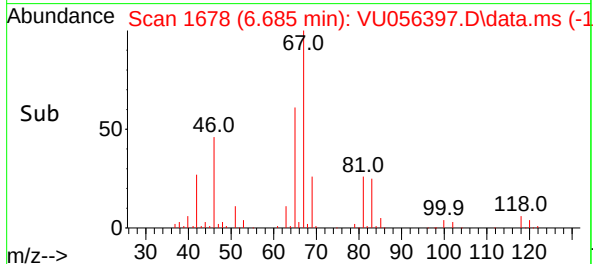
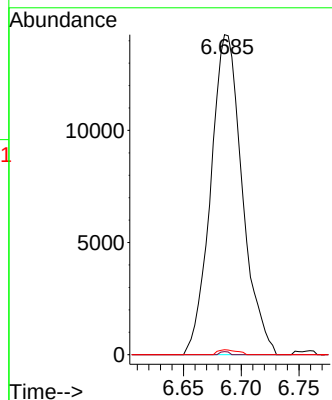
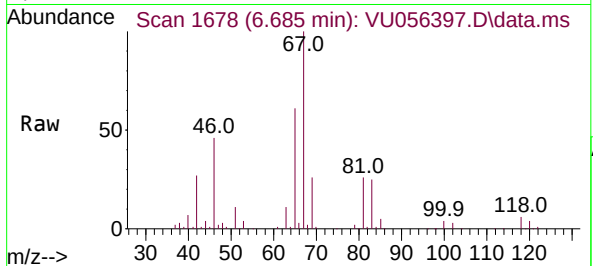




#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056397.D
Acq: 16 Nov 2023 11:04

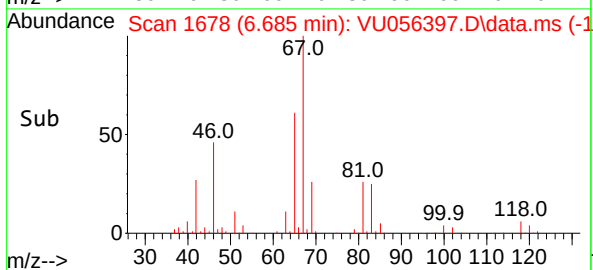
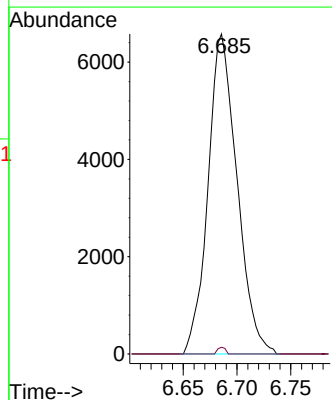
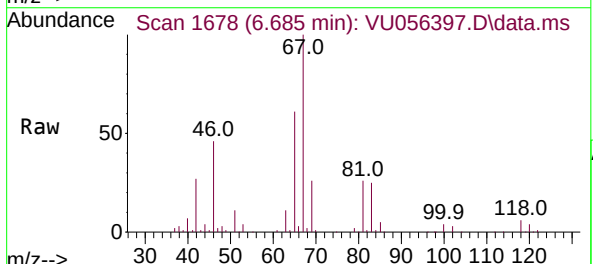
Instrument :
MSVOA_U
ClientSampleId :

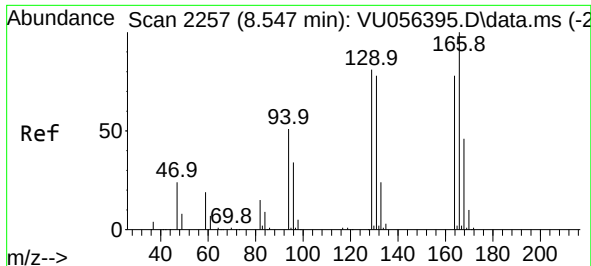
Tgt Ion: 83 Resp: 27097
Ion Ratio Lower Upper
83 100
55 0.3 62.9 94.3#
98 1.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.455 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056397.D
Acq: 16 Nov 2023 11:04

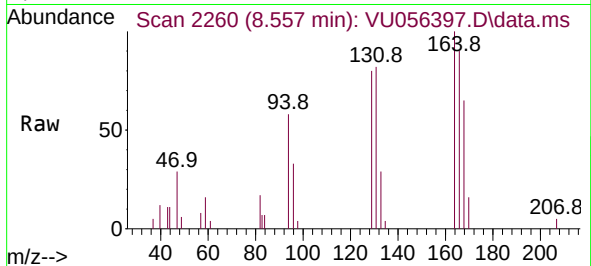
Tgt Ion: 63 Resp: 12347
Ion Ratio Lower Upper
63 100
112 0.6 3.2 4.8#



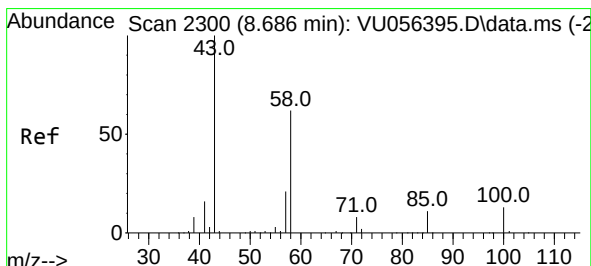
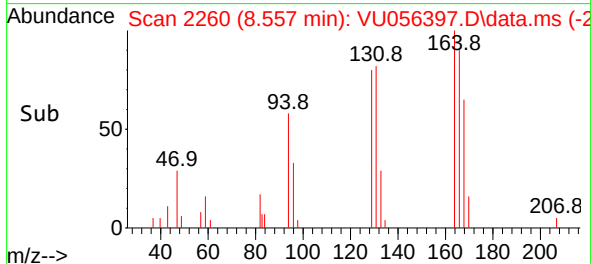
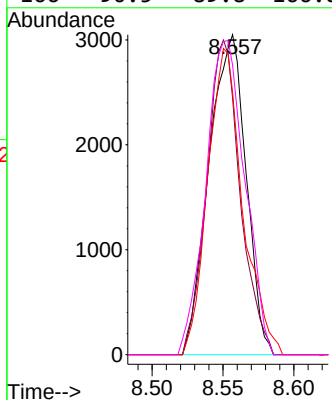


#47
Tetrachloroethene
Concen: 0.290 ug/L
RT: 8.557 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU056397.D
Acq: 16 Nov 2023 11:04

Instrument :
MSVOA_U
ClientSampleId :

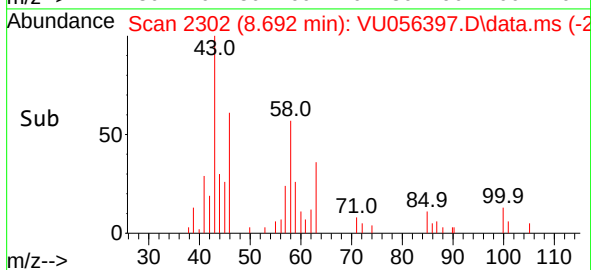
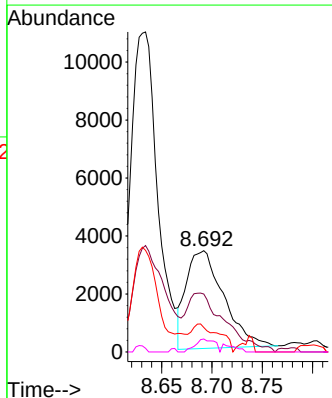
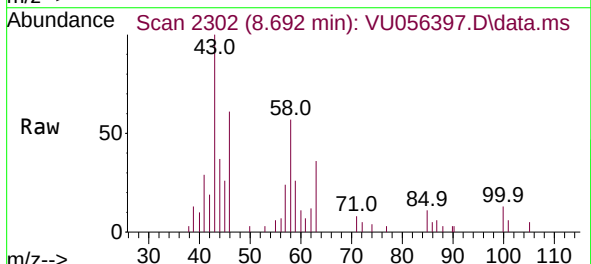


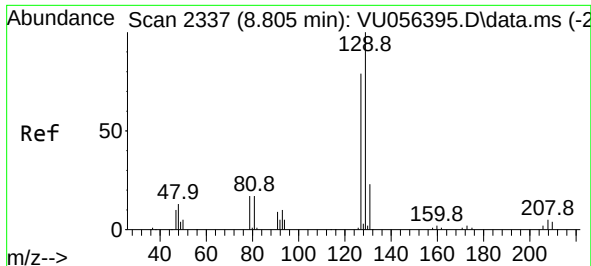
Tgt Ion:164 Resp: 5542
Ion Ratio Lower Upper
164 100
129 80.1 71.0 131.9
131 81.9 70.3 130.7
166 90.5 89.8 166.8



#48
2-Hexanone
Concen: 0.836 ug/L
RT: 8.692 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VU056397.D
Acq: 16 Nov 2023 11:04

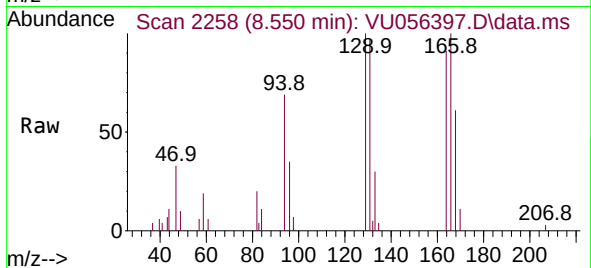
Tgt Ion: 43 Resp: 8759
Ion Ratio Lower Upper
43 100
58 61.2 48.7 73.1
57 20.3 16.8 25.2
100 6.8 9.9 14.9#



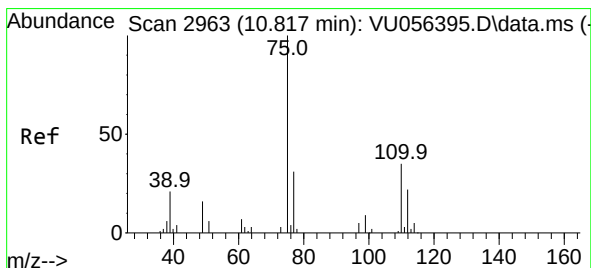
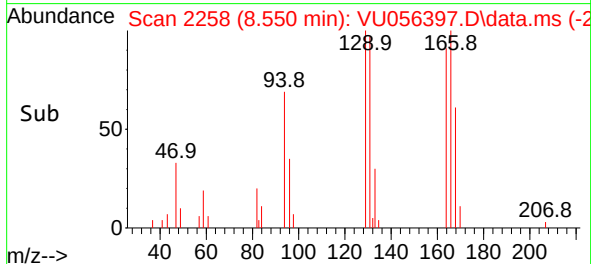
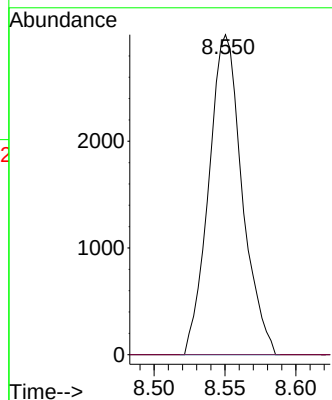


#49
Dibromochloromethane
Concen: 0.239 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056397.D
Acq: 16 Nov 2023 11:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 4917
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.379 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU056397.D
Acq: 16 Nov 2023 11:04

Tgt Ion: 75 Resp: 18946
Ion Ratio Lower Upper
75 100
110 2.8 30.4 45.6#
77 36.3 27.0 40.6

