

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056960.D
 Acq On : 17 Dec 2023 06:43
 Operator : MD/SY
 Sample : 05811-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:38:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 00:34:01 2023
 Response via : Initial Calibration

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

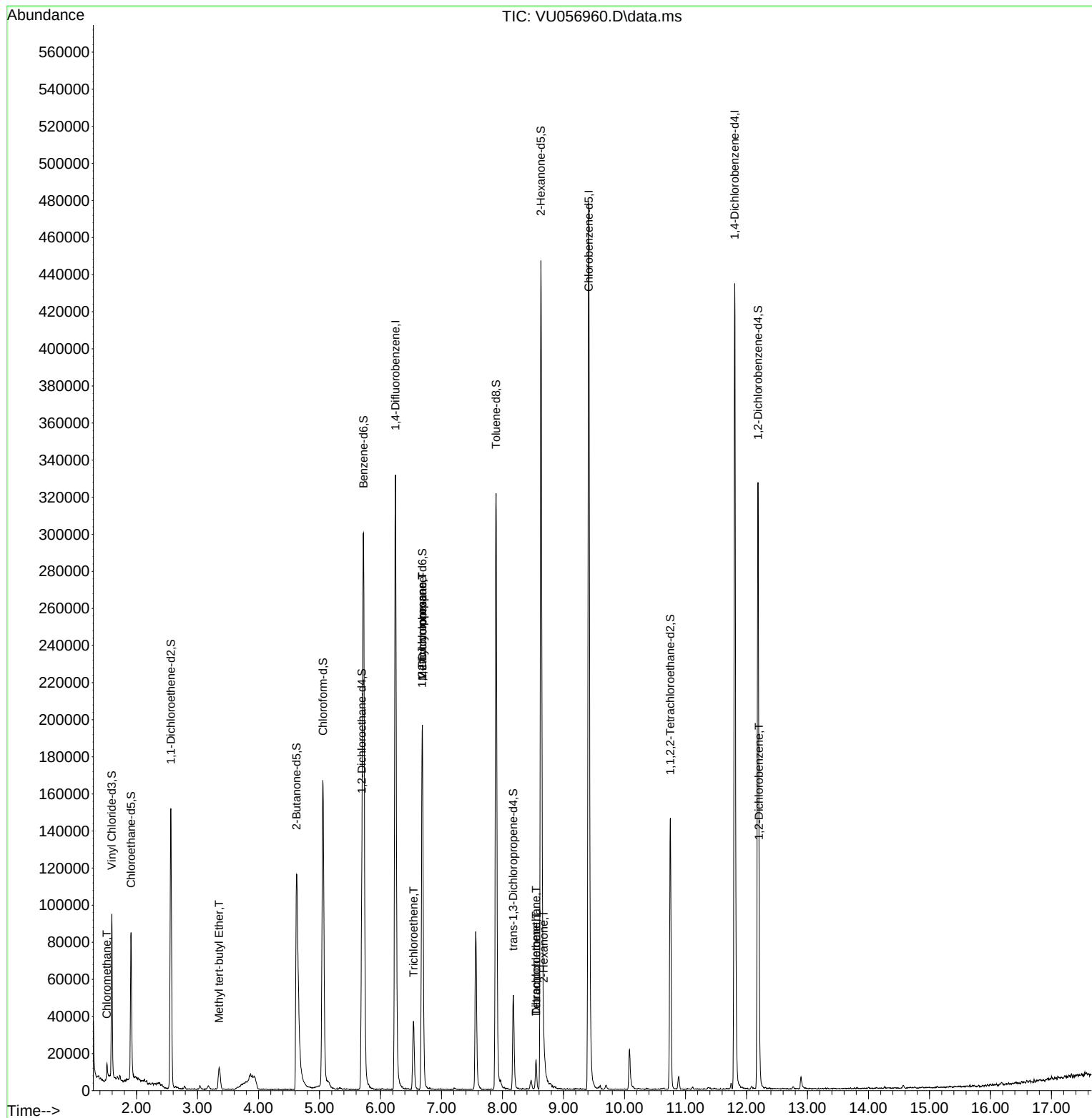
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	271127	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	282374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	61384	2.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.800%
7) Chloroethane-d5	1.910	69	58499	3.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.200%
11) 1,1-Dichloroethene-d2	2.563	65	29740	2.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	4.624	46	209015	45.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.080%
24) Chloroform-d	5.055	84	161010	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
26) 1,2-Dichloroethane-d4	5.695	65	81952	3.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
32) Benzene-d6	5.721	84	290687	3.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.400%#
36) 1,2-Dichloropropane-d6	6.685	67	98022	3.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.894	98	223873	2.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.200%#
43) trans-1,3-Dichloroprop...	8.177	79	31843	2.995	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.000%
46) 2-Hexanone-d5	8.630	63	154139	38.442	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73557	3.709	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	87742	3.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	5047	0.181	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	12921	0.265	ug/L	96
34) Trichloroethene	6.540	95	13233	0.486	ug/L	96
35) Methylcyclohexane	6.685	83	22635	0.563	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10777	0.425	ug/L #	89
47) Tetrachloroethene	8.550	164	3135	0.165	ug/L	89
48) 2-Hexanone	8.675	43	5409	0.630	ug/L #	68
49) Dibromochloromethane	8.550	129	3660	0.186	ug/L #	11
67) 1,2-Dichlorobenzene	12.206	146	6060	0.151	ug/L #	90

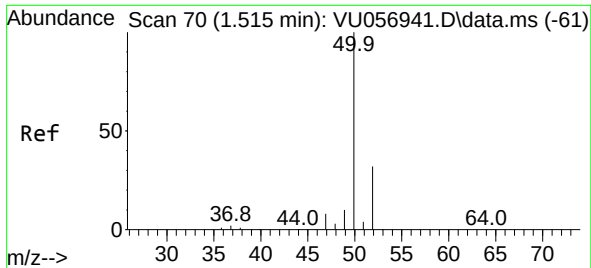
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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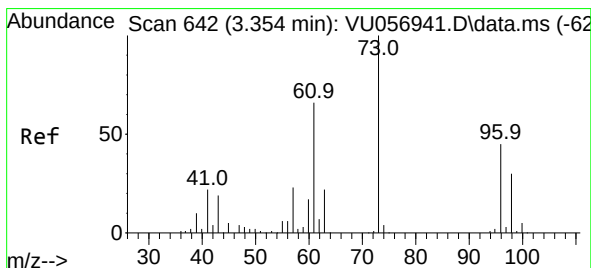
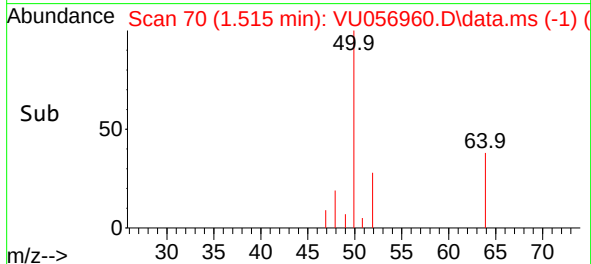
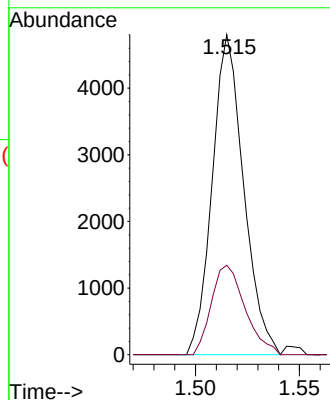
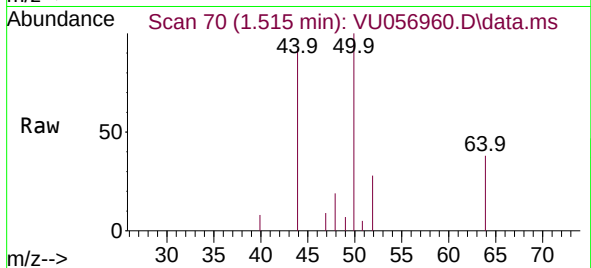




#3
Chloromethane
Concen: 0.181 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056960.D
Acq: 17 Dec 2023 06:43

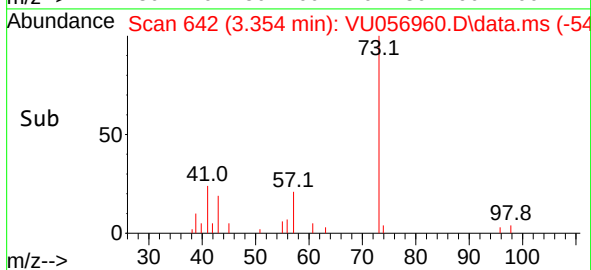
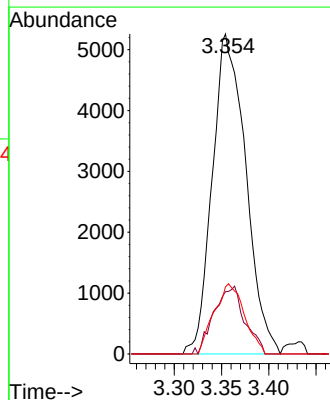
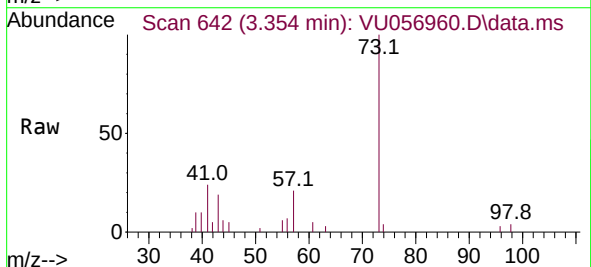
Instrument :
MSVOA_U
ClientSampleId :

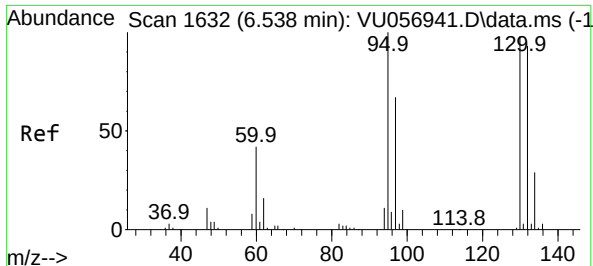
Tgt Ion: 50 Resp: 5047
Ion Ratio Lower Upper
50 100
52 28.0 22.5 41.7



#17
Methyl tert-butyl Ether
Concen: 0.265 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056960.D
Acq: 17 Dec 2023 06:43

Tgt Ion: 73 Resp: 12921
Ion Ratio Lower Upper
73 100
43 19.4 14.4 21.6
57 19.8 17.8 26.8

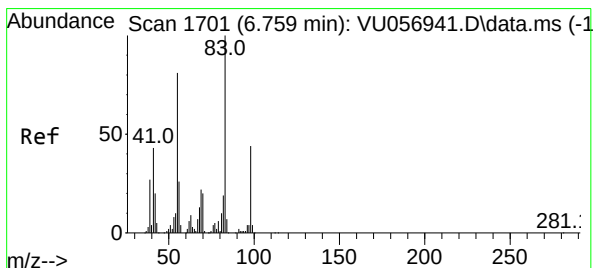
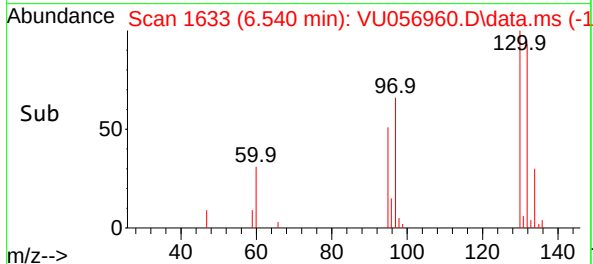
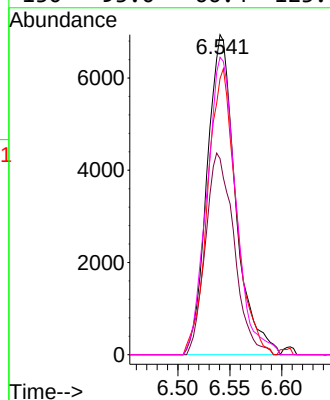
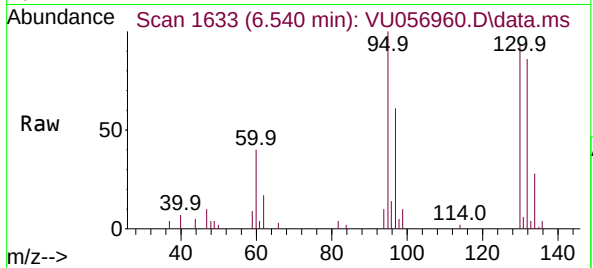




#34
Trichloroethene
Concen: 0.486 ug/L
RT: 6.540 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056960.D
Acq: 17 Dec 2023 06:43

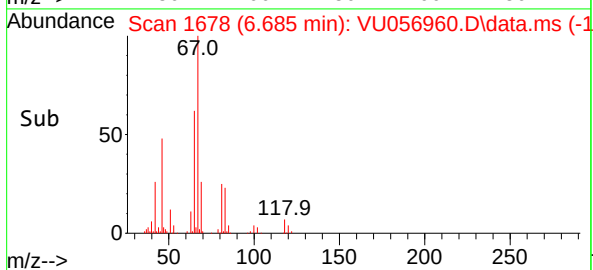
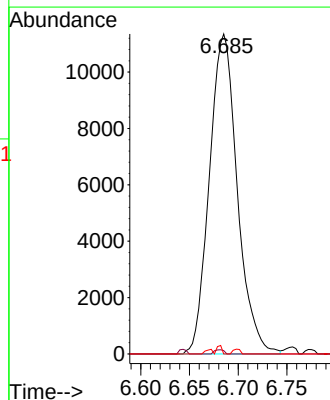
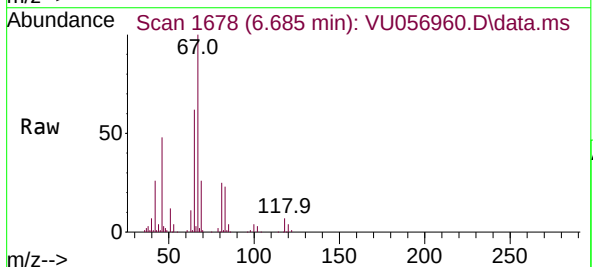
Instrument :
MSVOA_U
ClientSampleId :

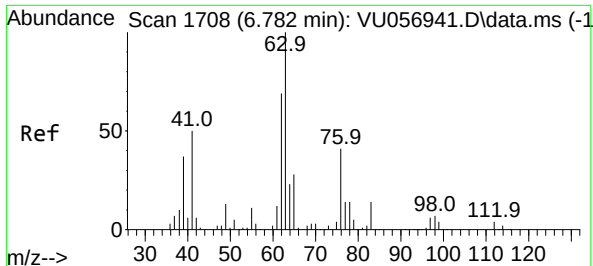
Tgt Ion: 95 Resp: 13233
Ion Ratio Lower Upper
95 100
97 61.3 46.1 85.5
132 86.3 63.6 118.0
130 93.0 66.4 123.4



#35
Methylcyclohexane
Concen: 0.563 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056960.D
Acq: 17 Dec 2023 06:43

Tgt Ion: 83 Resp: 22635
Ion Ratio Lower Upper
83 100
55 0.4 64.6 97.0#
98 0.8 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.425 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056960.D

Acq: 17 Dec 2023 06:43

Instrument :

MSVOA_U

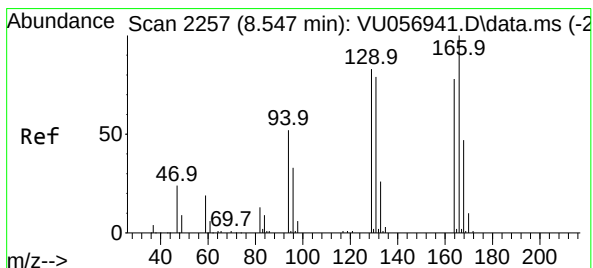
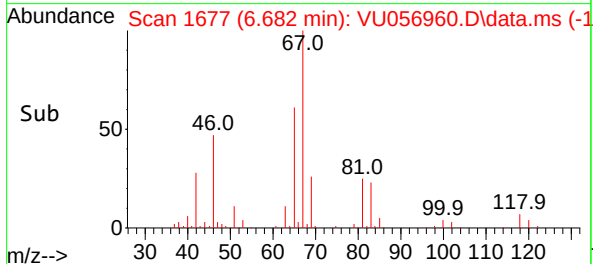
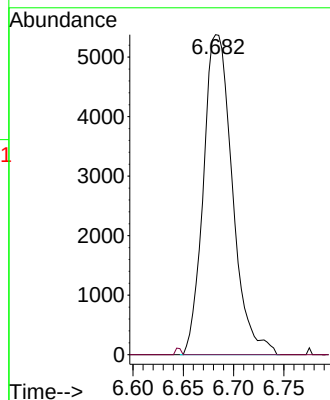
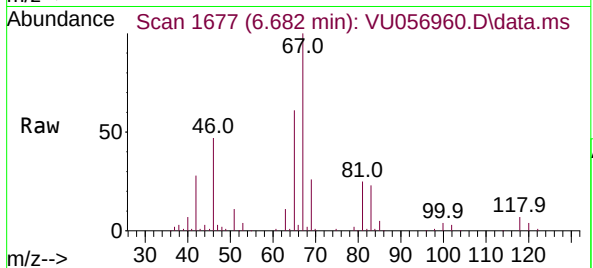
ClientSampleId :

Tgt Ion: 63 Resp: 10777

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.165 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056960.D

Acq: 17 Dec 2023 06:43

Tgt Ion:164 Resp: 3135

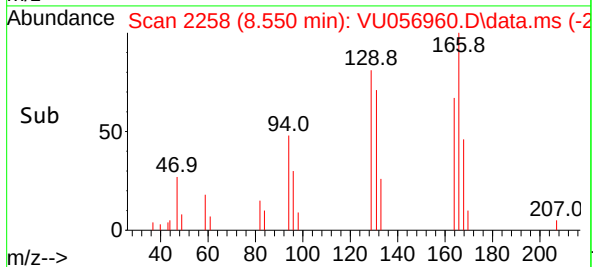
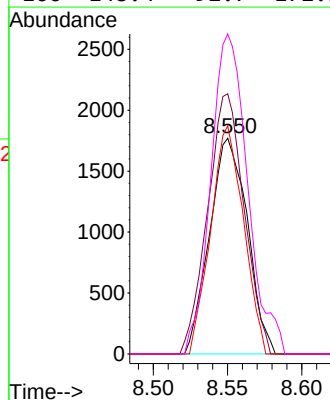
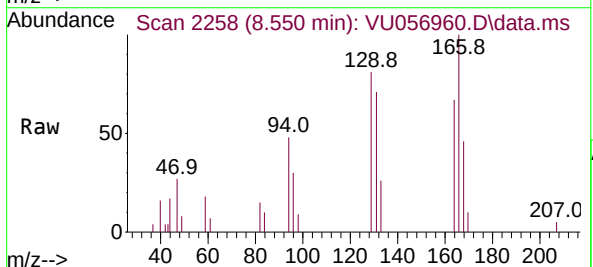
Ion Ratio Lower Upper

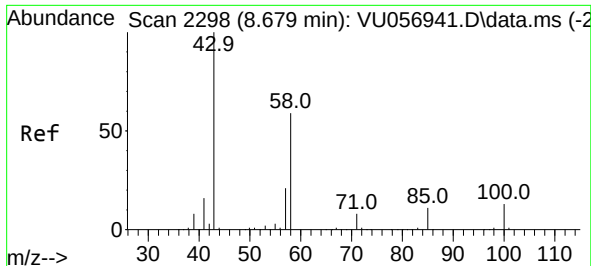
164 100

129 120.6 73.4 136.4

131 105.8 71.5 132.9

166 148.4 92.7 172.1

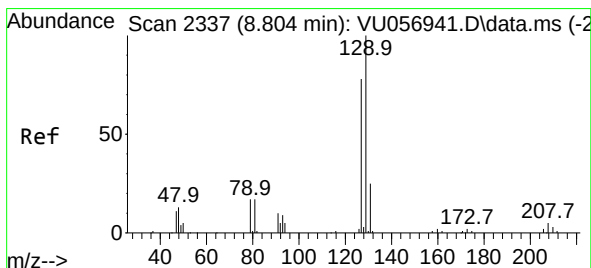
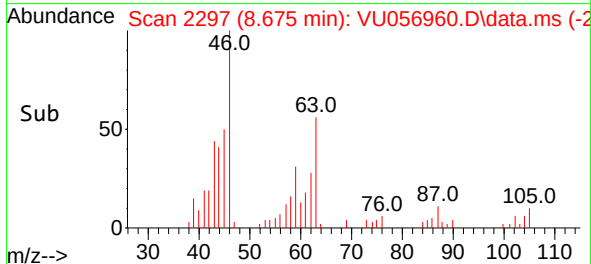
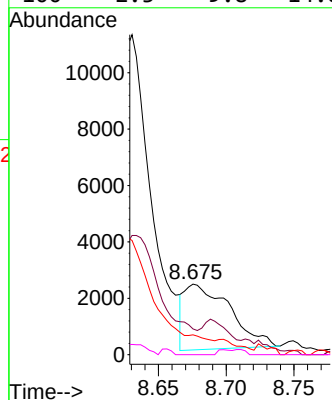
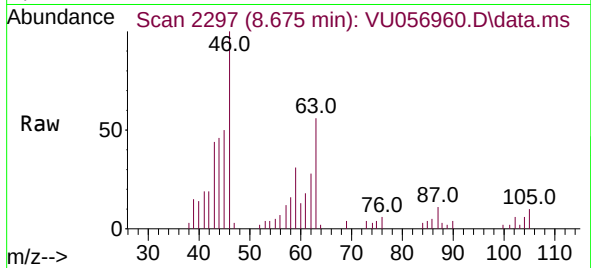




#48
2-Hexanone
Concen: 0.630 ug/L
RT: 8.675 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU056960.D
Acq: 17 Dec 2023 06:43

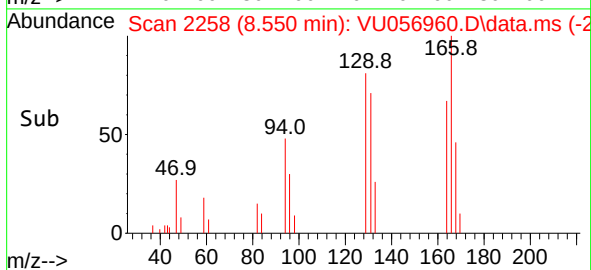
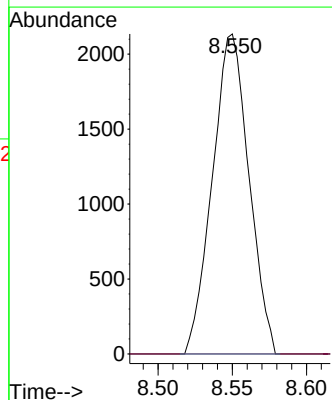
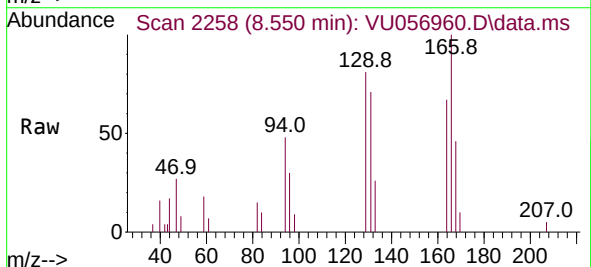
Instrument :
MSVOA_U
ClientSampleId :

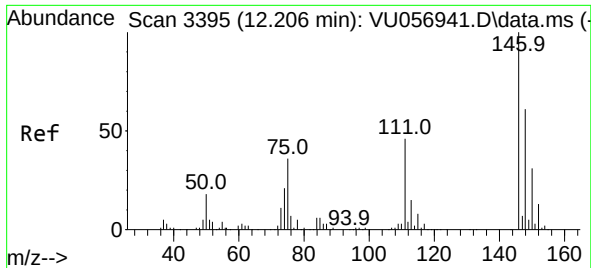
Tgt Ion: 43	Resp: 5409
Ion Ratio	Lower Upper
43	100
58	37.5 47.5 71.3#
57	0.0 17.0 25.4#
100	2.3 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.186 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056960.D
Acq: 17 Dec 2023 06:43

Tgt Ion: 129	Resp: 3660
Ion Ratio	Lower Upper
129	100
127	0.0 53.9 100.1#





#67

1,2-Dichlorobenzene

Concen: 0.151 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

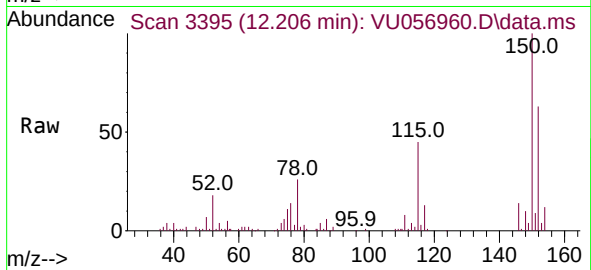
Lab File: VU056960.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	6060
Ion	Ratio	Lower	Upper
146	100		
111	60.3	36.9	55.3#
148	68.5	53.0	79.4

