

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056240.D
 Acq On : 12 Nov 2023 01:21
 Operator : MD/SY
 Sample : 05371-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 03:15:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

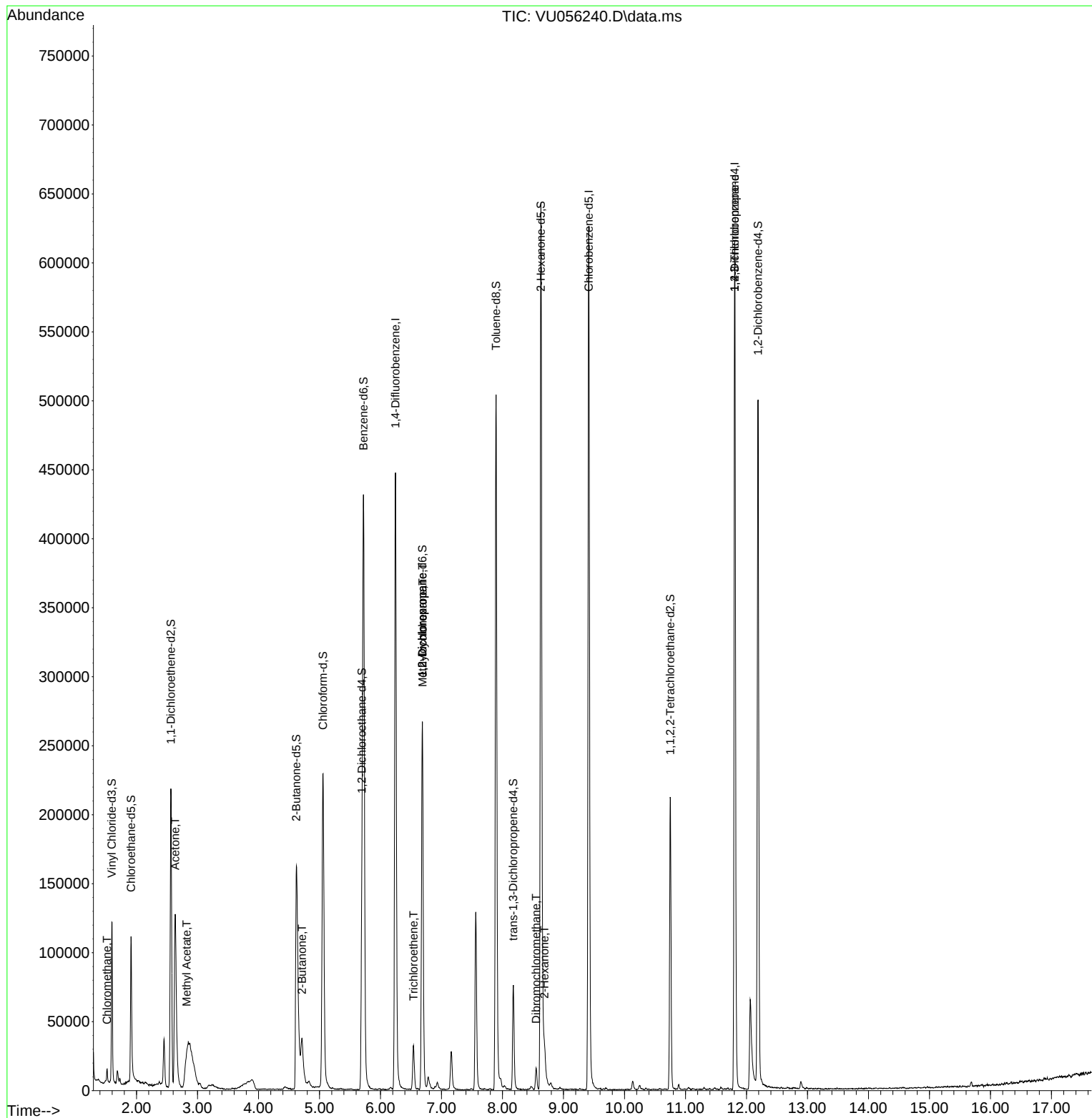
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	385932	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	382040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	172083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84919	3.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.911	69	76489	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.563	65	41741	3.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.621	46	273991	69.719	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.440%#
24) Chloroform-d	5.055	84	222661	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.695	65	106095	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.721	84	426288	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.685	67	137824	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.894	98	355347	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	45652	4.422	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.631	63	231400	68.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.760%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108249	5.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	139756	5.266	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5996	0.196	ug/L	97
13) Acetone	2.634	43	186765	64.440	ug/L	97
15) Methyl Acetate	2.824	43	8573	1.048	ug/L #	46
21) 2-Butanone	4.714	43	54457	11.393	ug/L	95
34) Trichloroethene	6.541	95	11471	0.384	ug/L	91
35) Methylcyclohexane	6.688	83	32034	0.721	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13568	0.477	ug/L #	89
48) 2-Hexanone	8.688	43	15249	1.683	ug/L	98
49) Dibromochloromethane	8.550	129	2503	0.112	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19166	1.290	ug/L #	67

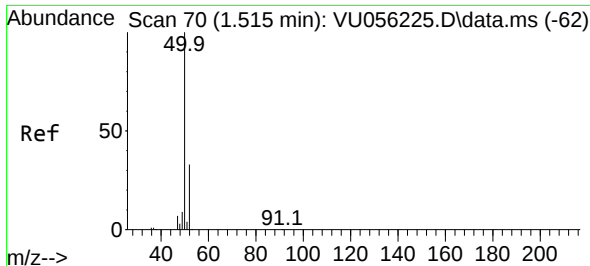
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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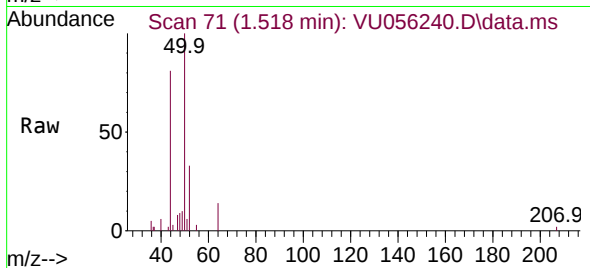
Quant Time: Nov 12 03:15:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



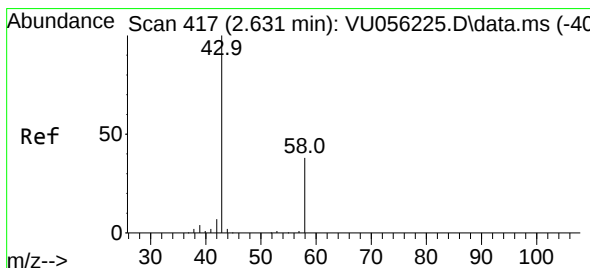
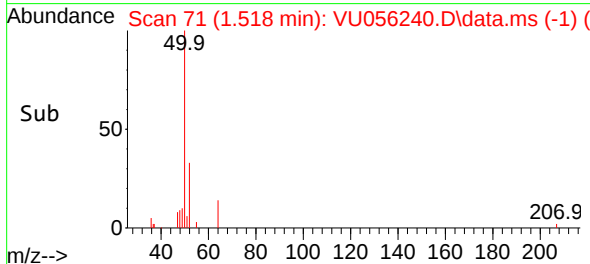
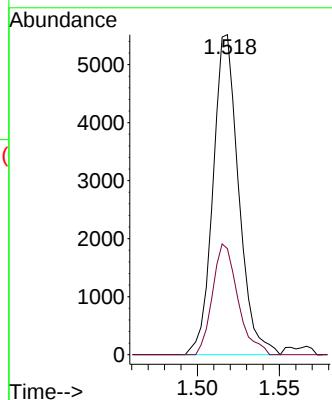


#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

Instrument :
MSVOA_U
ClientSampleId :

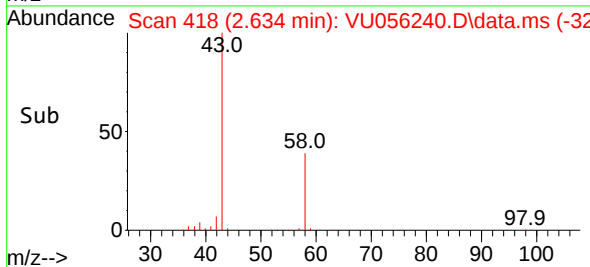
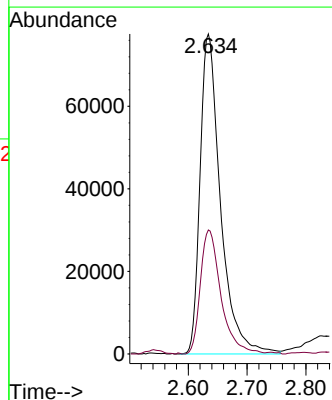
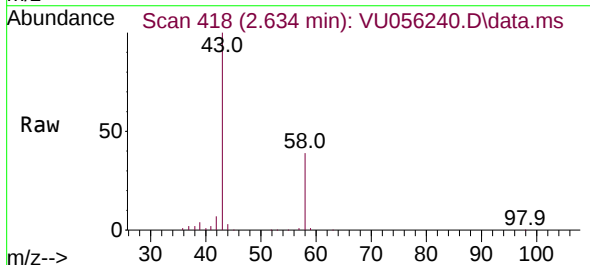


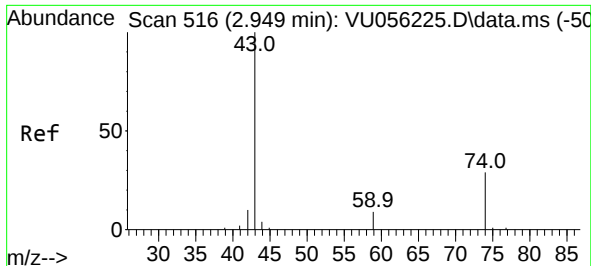
Tgt Ion: 50 Resp: 5996
Ion Ratio Lower Upper
50 100
52 33.2 22.2 41.2



#13
Acetone
Concen: 64.440 ug/L
RT: 2.634 min Scan# 418
Delta R.T. 0.003 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

Tgt Ion: 43 Resp: 186765
Ion Ratio Lower Upper
43 100
58 39.1 0.0 74.4

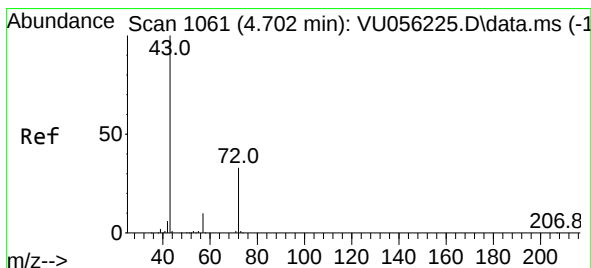
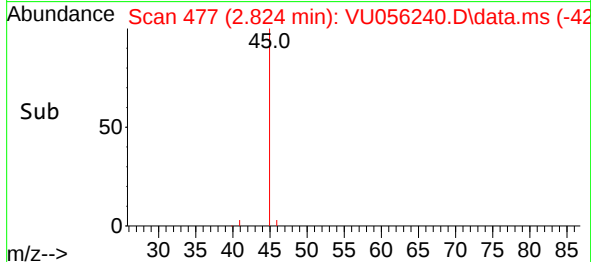
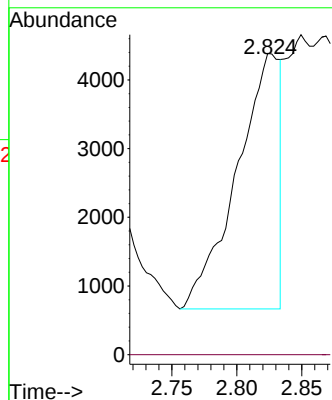
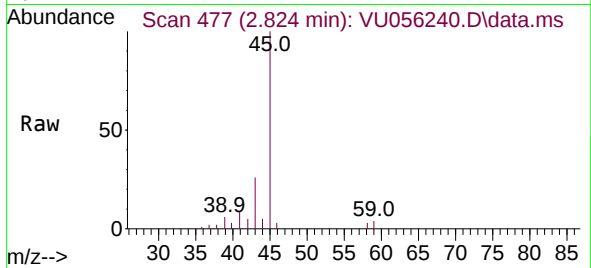




#15
Methyl Acetate
Concen: 1.048 ug/L
RT: 2.824 min Scan# 41
Delta R.T. -0.125 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

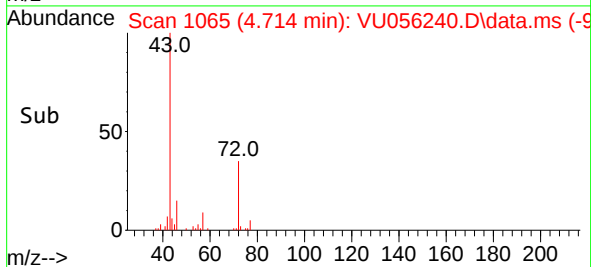
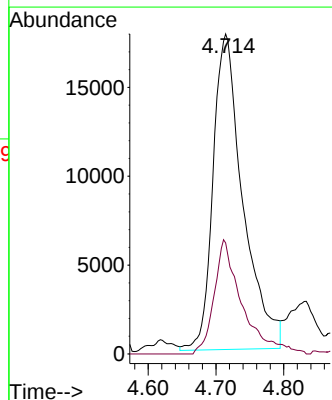
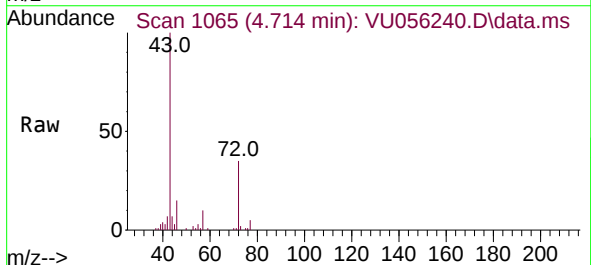
Instrument :
MSVOA_U
ClientSampleId :

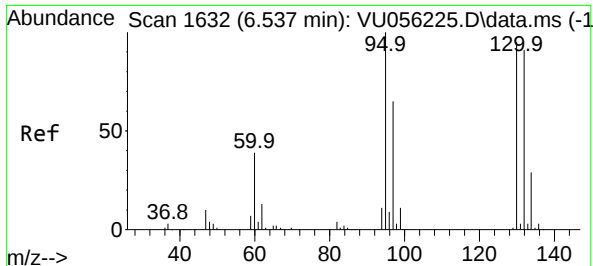
Tgt Ion: 43 Resp: 8573
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#21
2-Butanone
Concen: 11.393 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.013 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

Tgt Ion: 43 Resp: 54457
Ion Ratio Lower Upper
43 100
72 33.9 15.7 47.0



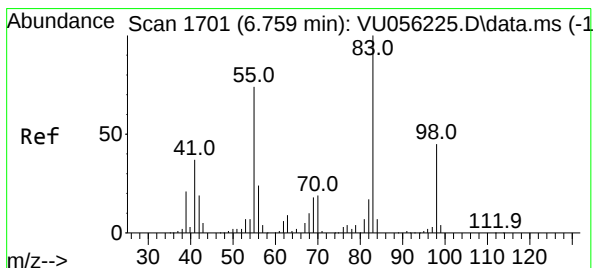
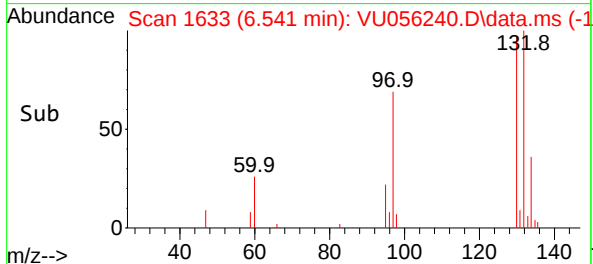
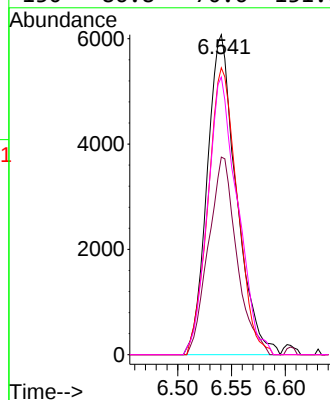
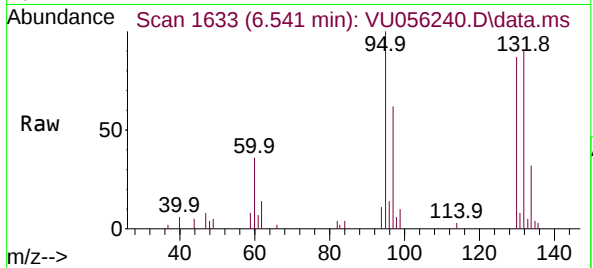


#34
Trichloroethene
Concen: 0.384 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 11471

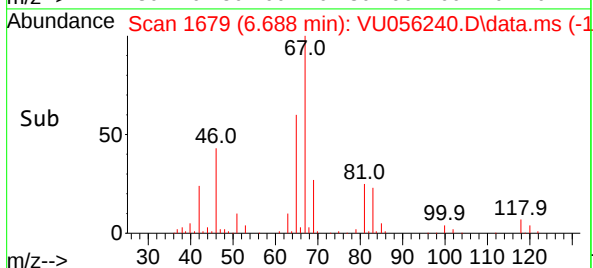
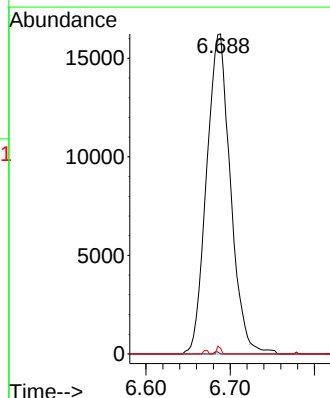
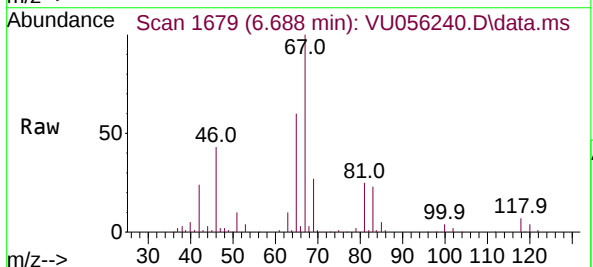
Ion	Ratio	Lower	Upper
95	100		
97	61.7	46.8	87.0
132	89.6	66.5	123.5
130	86.8	70.6	131.0

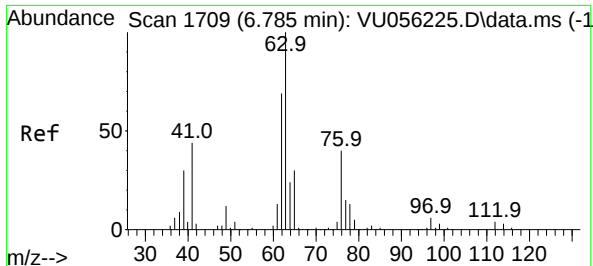


#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

Tgt Ion: 83 Resp: 32034

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.6	91.0#
98	0.4	36.2	54.4#

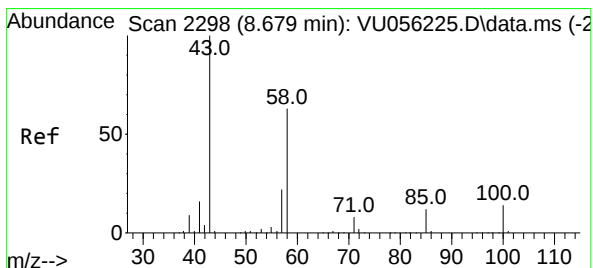
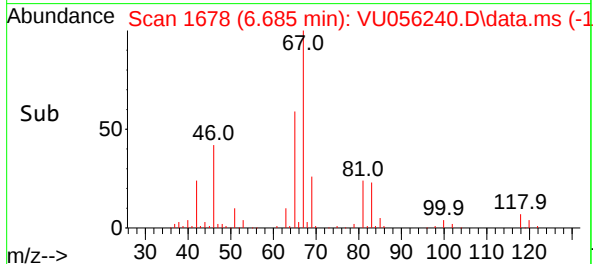
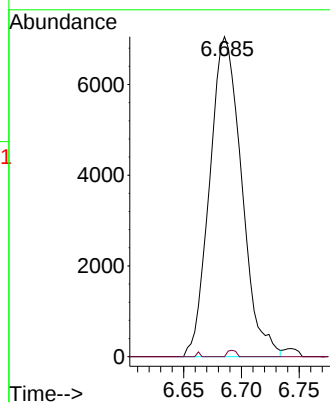
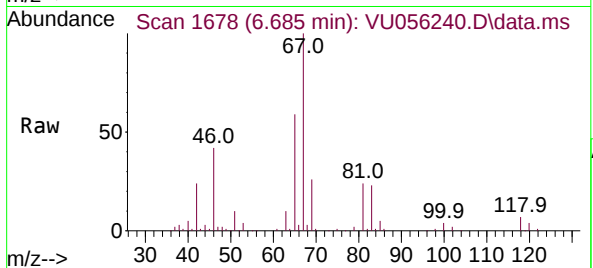




#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

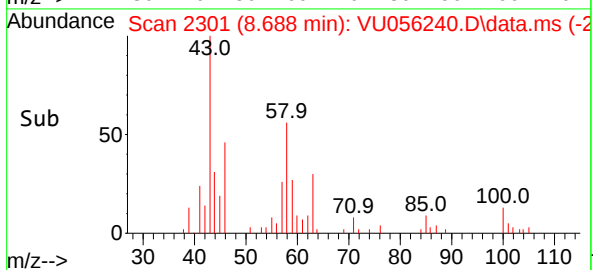
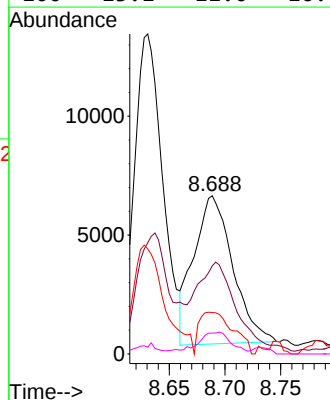
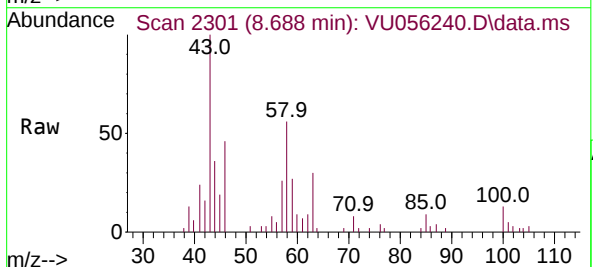
Instrument :
MSVOA_U
ClientSampleId :

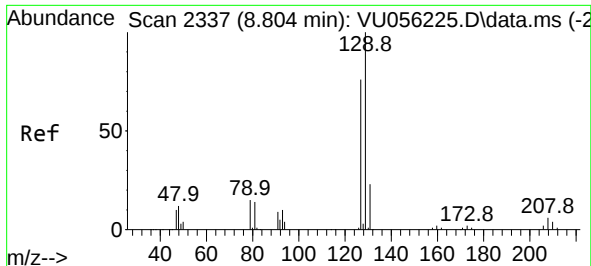
Tgt Ion: 63 Resp: 13568
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#



#48
2-Hexanone
Concen: 1.683 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.010 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

Tgt Ion: 43 Resp: 15249
Ion Ratio Lower Upper
43 100
58 64.7 52.0 78.0
57 24.4 17.4 26.2
100 13.1 11.0 16.6

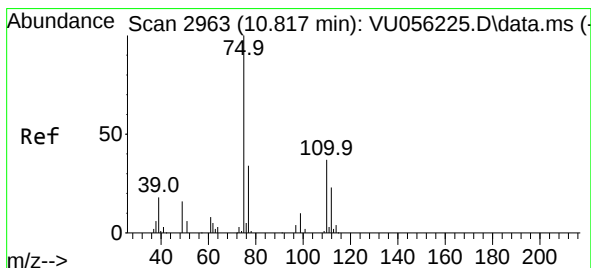
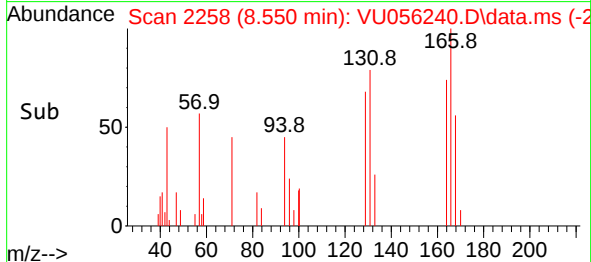
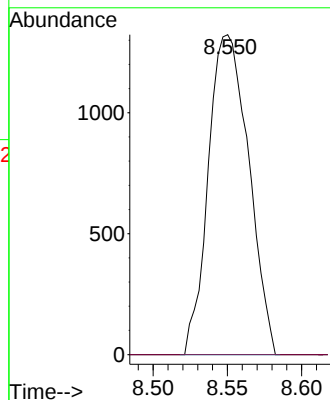
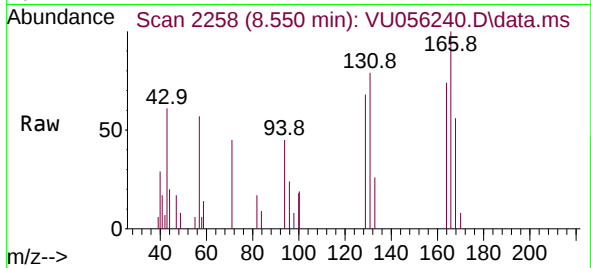




#49
Dibromochloromethane
Concen: 0.112 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 2503
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.290 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056240.D
Acq: 12 Nov 2023 01:21

Tgt Ion: 75 Resp: 19166
Ion Ratio Lower Upper
75 100
110 2.3 29.7 44.5#
77 33.4 25.5 38.3

