

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056237.D
 Acq On : 12 Nov 2023 00:09
 Operator : MD/SY
 Sample : 05371-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 00:47:34 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)

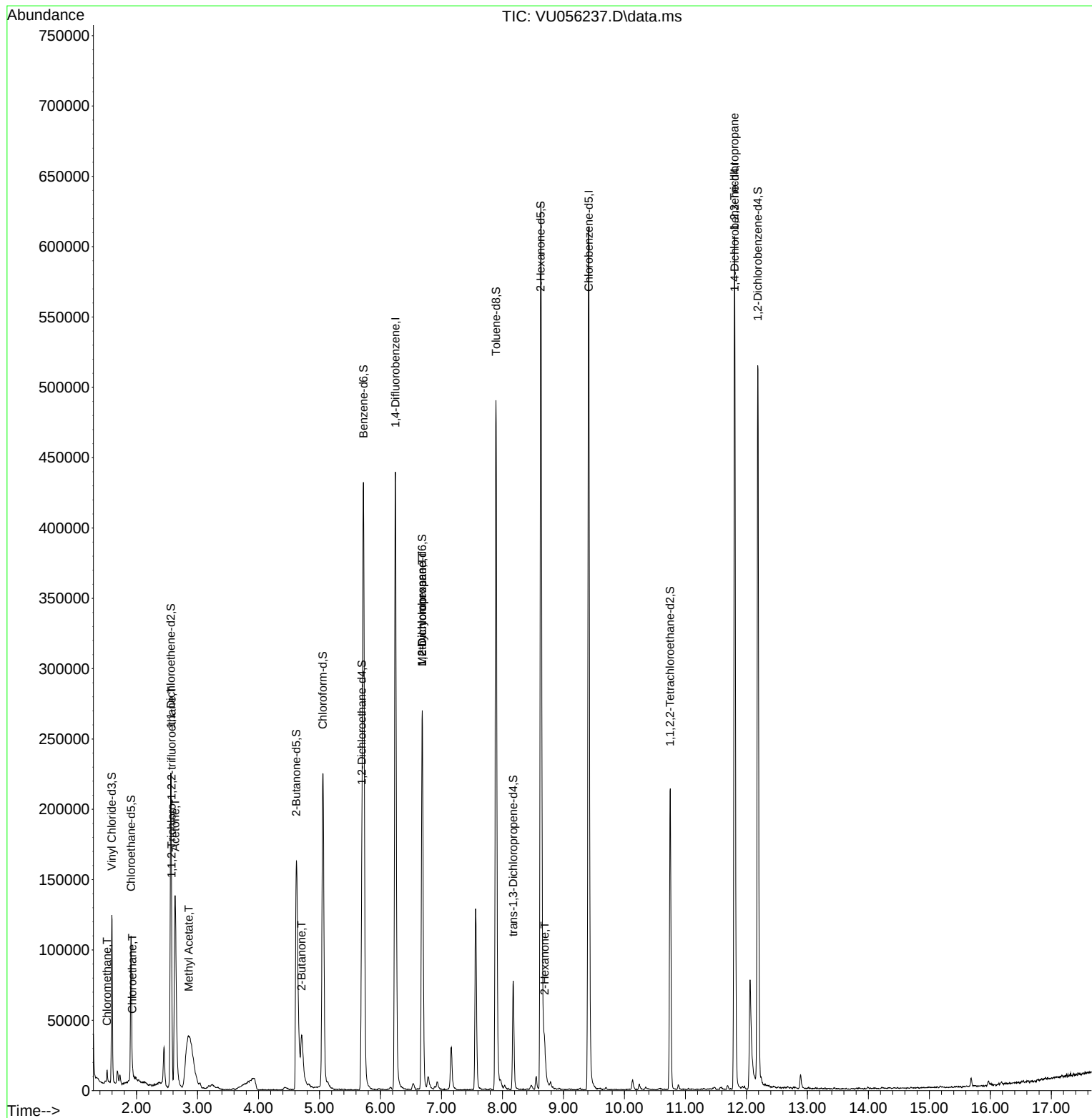
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	376008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	370421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	171420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85997	3.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.911	69	75631	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.563	65	41091	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.621	46	272760	71.238	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.480%#
24) Chloroform-d	5.055	84	222049	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	107570	5.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.721	84	433312	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.685	67	136840	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.894	98	357471	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.177	79	46506	4.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	227987	69.486	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.980%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	107788	5.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	142722	5.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	4587	0.154	ug/L	90
8) Chloroethane	1.930	64	2435	0.145	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5140	0.197	ug/L #	77
13) Acetone	2.634	43	202964	71.878	ug/L	99
15) Methyl Acetate	2.856	43	17033	2.138	ug/L #	47
21) 2-Butanone	4.708	43	58957	12.660	ug/L	98
35) Methylcyclohexane	6.685	83	32798	0.762	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13865	0.503	ug/L #	90
48) 2-Hexanone	8.692	43	20072	2.285	ug/L #	96
61) 1,2,3-Trichloropropane	11.804	75	19704	1.332	ug/L #	69

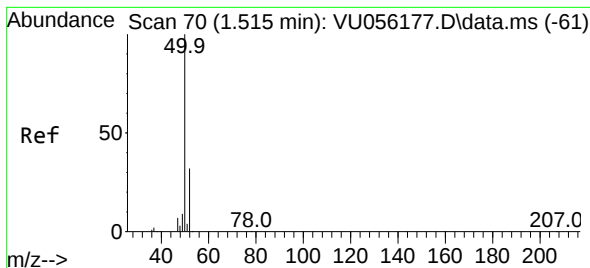
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.154 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU056237.D

Acq: 12 Nov 2023 00:09

Instrument :

MSVOA_U

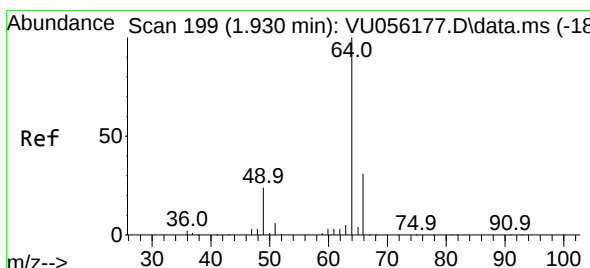
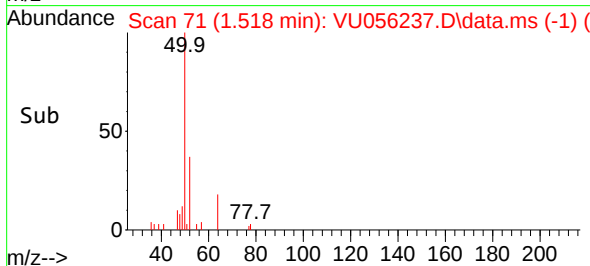
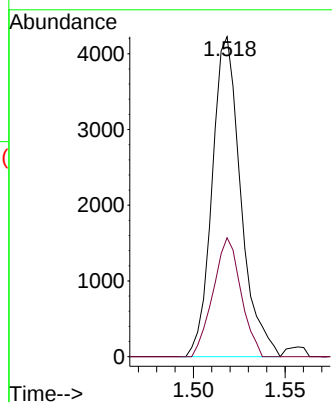
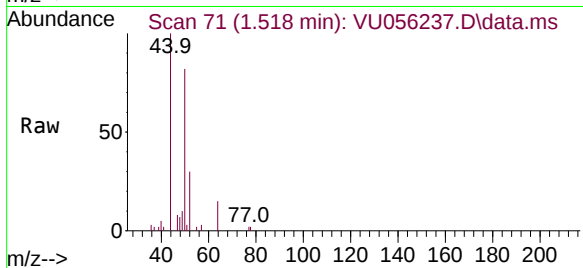
ClientSampleId :

Tgt Ion: 50 Resp: 4587

Ion Ratio Lower Upper

50 100

52 37.1 22.2 41.2



#8

Chloroethane

Concen: 0.145 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU056237.D

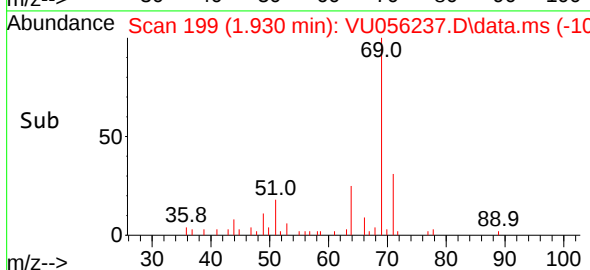
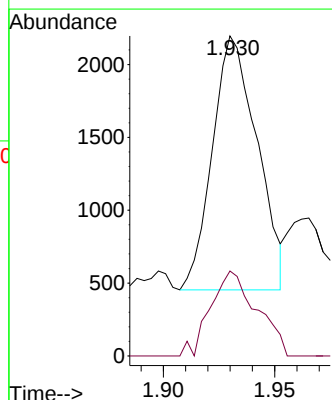
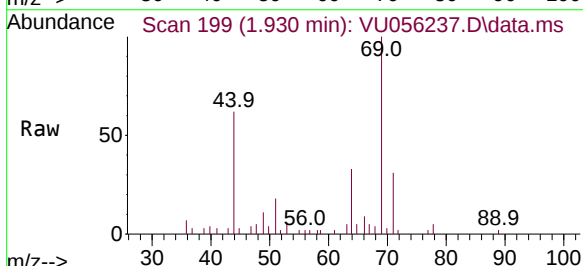
Acq: 12 Nov 2023 00:09

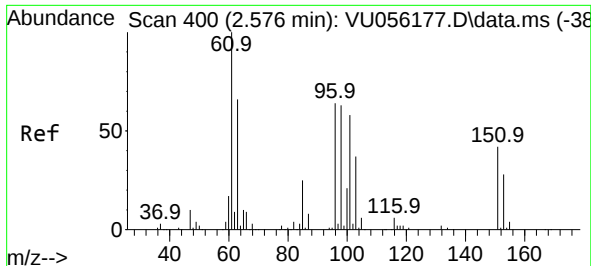
Tgt Ion: 64 Resp: 2435

Ion Ratio Lower Upper

64 100

66 23.1 22.4 41.6

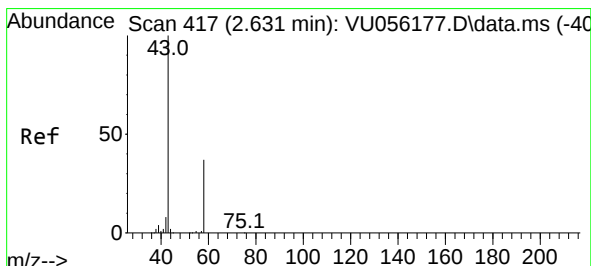
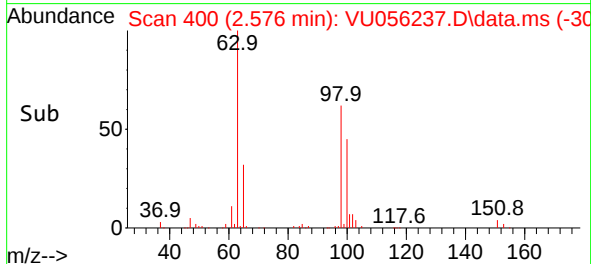
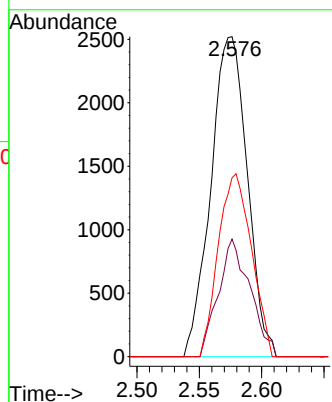
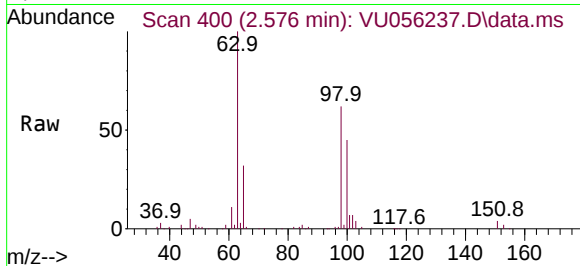




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.197 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056237.D
 Acq: 12 Nov 2023 00:09

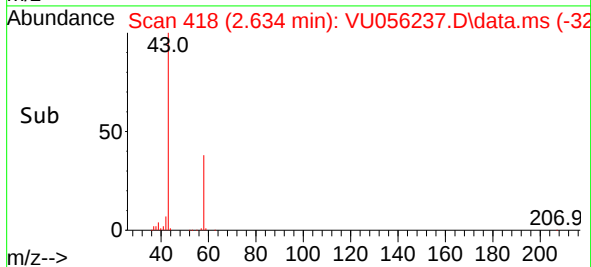
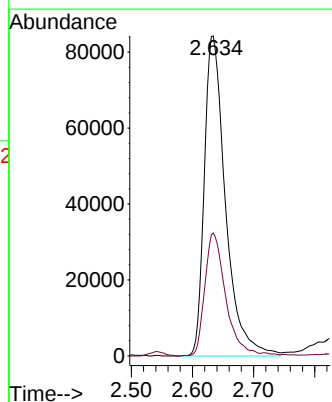
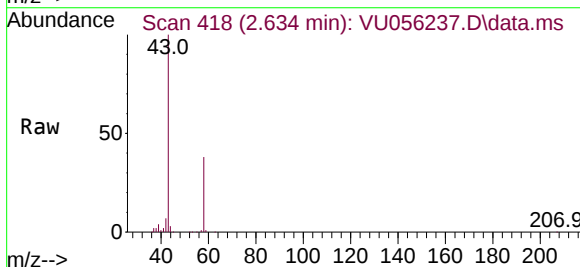
Instrument :
 MSVOA_U
 ClientSampleId :

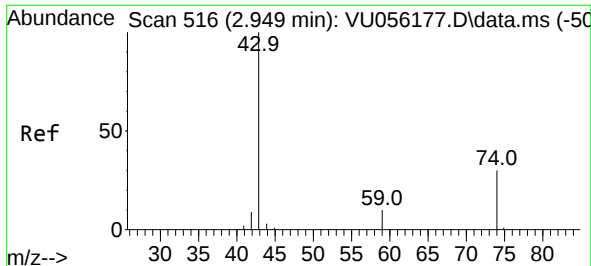
Tgt Ion:101 Resp: 5140
 Ion Ratio Lower Upper
 101 100
 85 31.9 34.2 51.4#
 151 52.0 59.3 88.9#



#13
 Acetone
 Concen: 71.878 ug/L
 RT: 2.634 min Scan# 418
 Delta R.T. 0.003 min
 Lab File: VU056237.D
 Acq: 12 Nov 2023 00:09

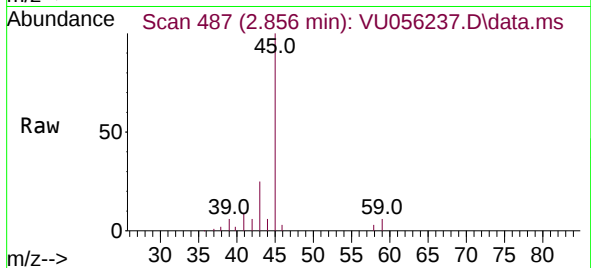
Tgt Ion: 43 Resp: 202964
 Ion Ratio Lower Upper
 43 100
 58 37.7 0.0 74.4



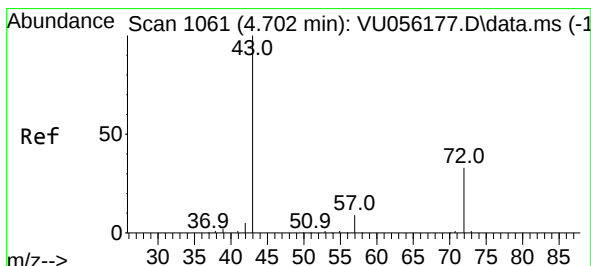
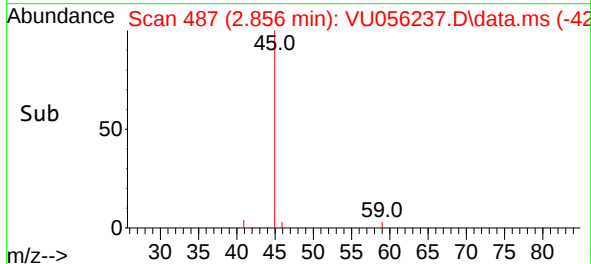
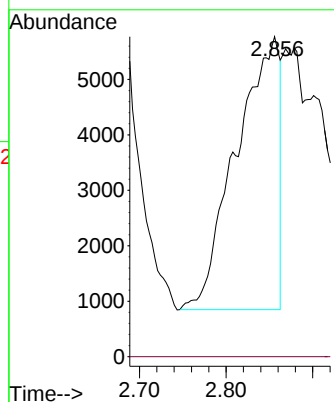


#15
Methyl Acetate
Concen: 2.138 ug/L
RT: 2.856 min Scan# 41
Delta R.T. -0.093 min
Lab File: VU056237.D
Acq: 12 Nov 2023 00:09

Instrument :
MSVOA_U
ClientSampleId :

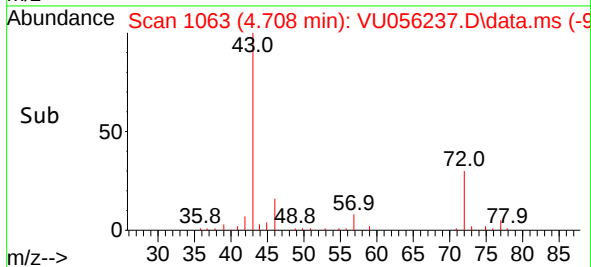
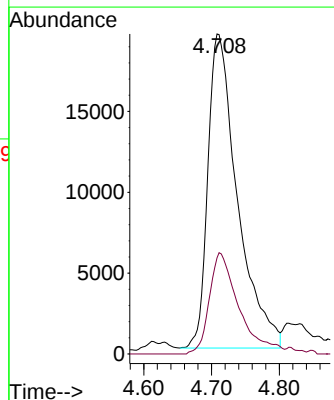
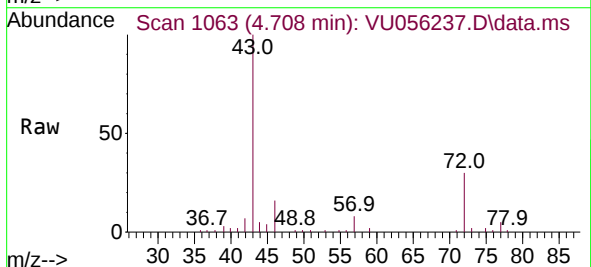


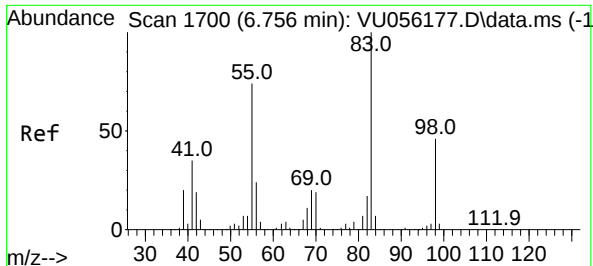
Tgt Ion: 43 Resp: 17033
Ion Ratio Lower Upper
43 100
74 0.7 23.3 34.9#



#21
2-Butanone
Concen: 12.660 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU056237.D
Acq: 12 Nov 2023 00:09

Tgt Ion: 43 Resp: 58957
Ion Ratio Lower Upper
43 100
72 32.2 15.7 47.0





#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056237.D

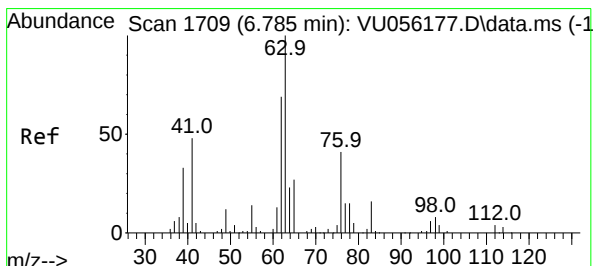
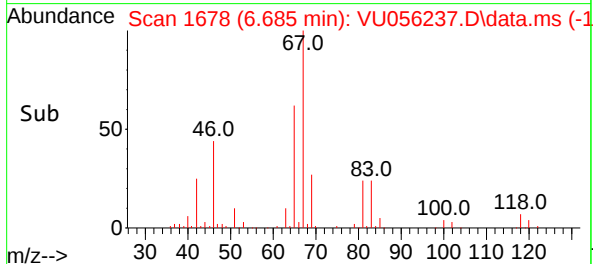
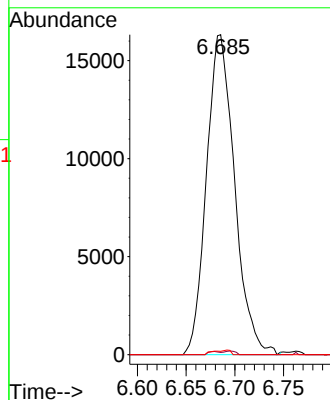
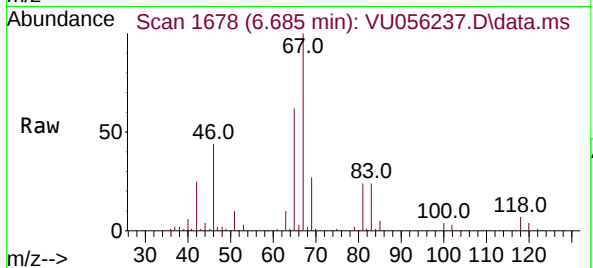
Acq: 12 Nov 2023 00:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 32798
Ion Ratio	Lower Upper
83	100
55	0.4 60.6 91.0#
98	0.7 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

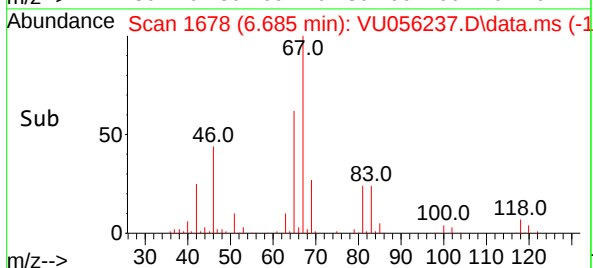
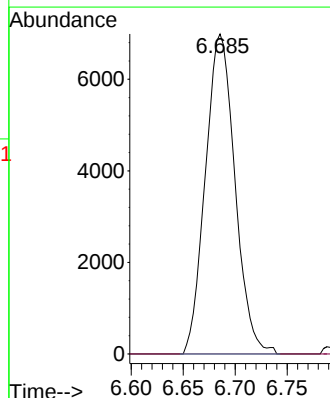
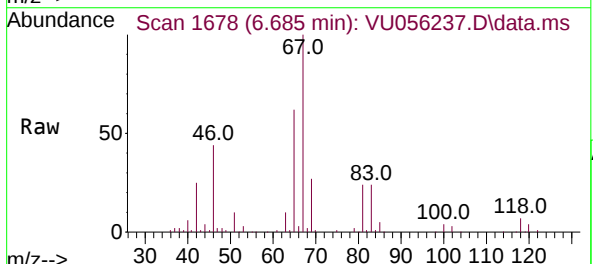
RT: 6.685 min Scan# 1678

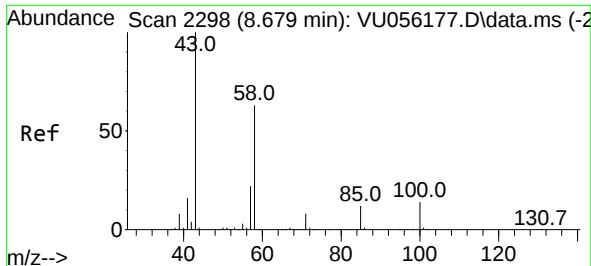
Delta R.T. -0.100 min

Lab File: VU056237.D

Acq: 12 Nov 2023 00:09

Tgt Ion: 63	Resp: 13865
Ion Ratio	Lower Upper
63	100
112	1.1 3.4 5.2#

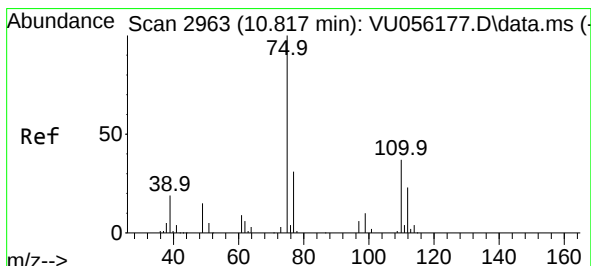
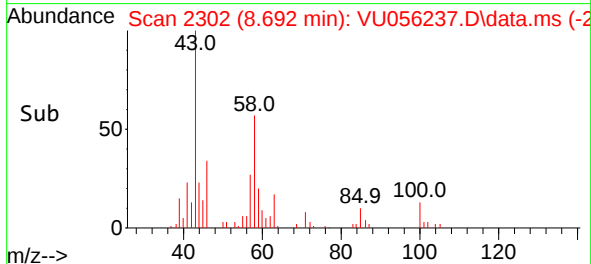
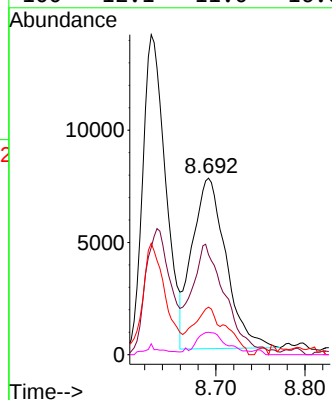
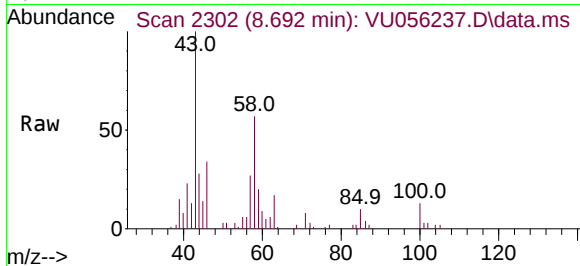




#48
 2-Hexanone
 Concen: 2.285 ug/L
 RT: 8.692 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VU056237.D
 Acq: 12 Nov 2023 00:09

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 43	Resp: 20072
Ion Ratio	Lower Upper
43	100
58	64.1 52.0 78.0
57	27.0 17.4 26.2#
100	12.1 11.0 16.6



#61
 1,2,3-Trichloropropane
 Concen: 1.332 ug/L
 RT: 11.804 min Scan# 3270
 Delta R.T. 0.987 min
 Lab File: VU056237.D
 Acq: 12 Nov 2023 00:09

Tgt Ion: 75	Resp: 19704
Ion Ratio	Lower Upper
75	100
110	3.0 29.7 44.5#
77	31.4 25.5 38.3

