

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056232.D
 Acq On : 11 Nov 2023 22:07
 Operator : MD/SY
 Sample : 05371-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 23:18:03 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)

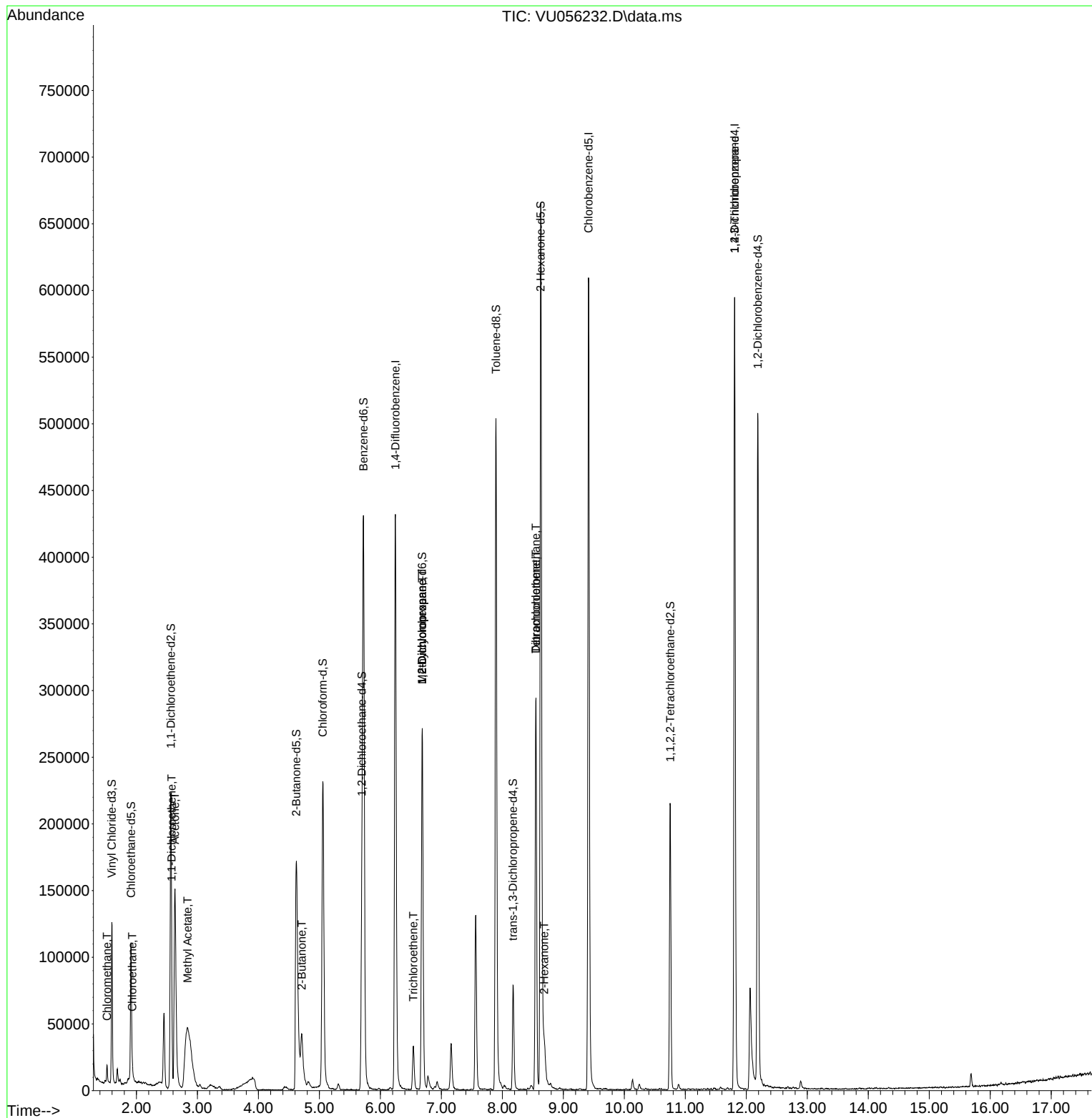
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	371138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	367778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	165286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86871	3.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.911	69	75110	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.564	65	40865	4.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.621	46	284711	75.335	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.660%#
24) Chloroform-d	5.055	84	221789	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	104779	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.721	84	429728	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.686	67	139125	5.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.895	98	358124	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.174	79	49158	4.946	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.628	63	239760	73.600	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.200%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110546	5.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	142368	5.585	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						Qvalue
3) Chloromethane	1.519	50	8998	0.305	ug/L	92
8) Chloroethane	1.930	64	5146	0.311	ug/L	92
12) 1,1-Dichloroethene	2.576	96	5422	0.227	ug/L #	1
13) Acetone	2.631	43	208896	74.949	ug/L	99
15) Methyl Acetate	2.837	43	4283	0.545	ug/L #	46
21) 2-Butanone	4.711	43	60256	13.109	ug/L	97
34) Trichloroethene	6.541	95	11826	0.411	ug/L	90
35) Methylcyclohexane	6.686	83	32896	0.769	ug/L #	20
37) 1,2-Dichloropropane	6.686	63	14622	0.534	ug/L #	88
47) Tetrachloroethene	8.550	164	65994	3.057	ug/L	99
48) 2-Hexanone	8.685	43	18909	2.168	ug/L #	95
49) Dibromochloromethane	8.550	129	65370	3.043	ug/L #	10
61) 1,2,3-Trichloropropane	11.808	75	19516	1.368	ug/L #	68

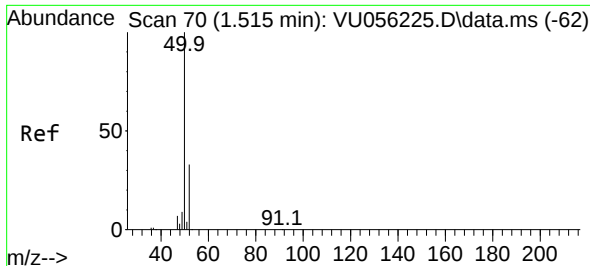
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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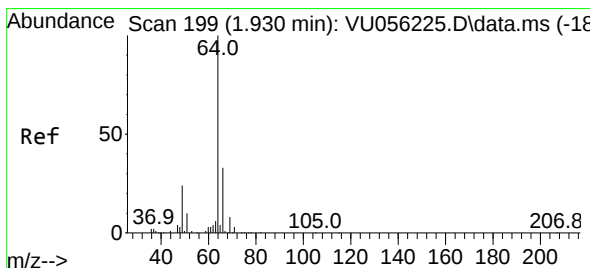
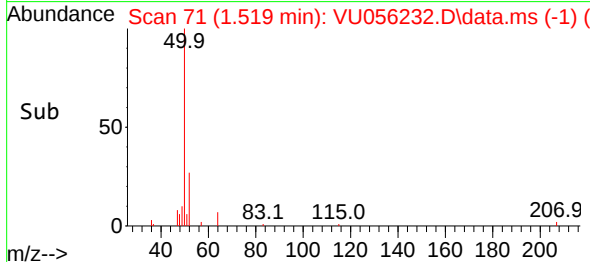
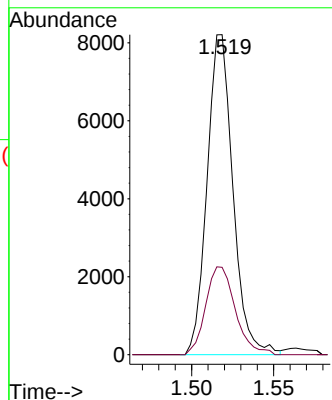
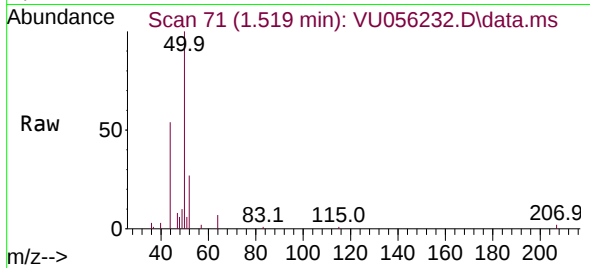




#3
Chloromethane
Concen: 0.305 ug/L
RT: 1.519 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

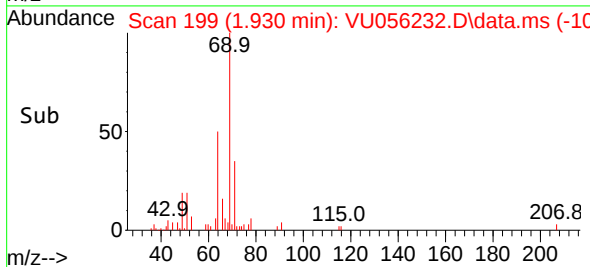
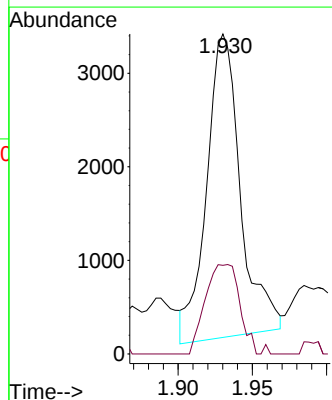
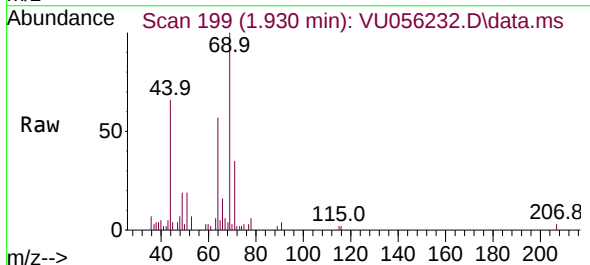
Instrument :
MSVOA_U
ClientSampleId :

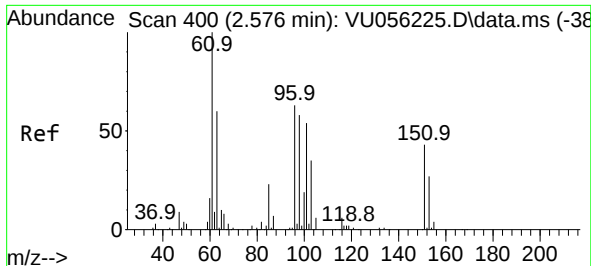
Tgt Ion: 50 Resp: 8998
Ion Ratio Lower Upper
50 100
52 27.3 22.2 41.2



#8
Chloroethane
Concen: 0.311 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

Tgt Ion: 64 Resp: 5146
Ion Ratio Lower Upper
64 100
66 27.7 22.4 41.6

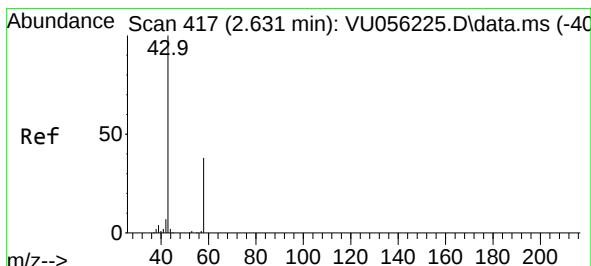
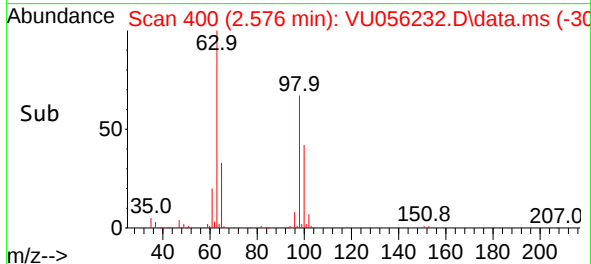
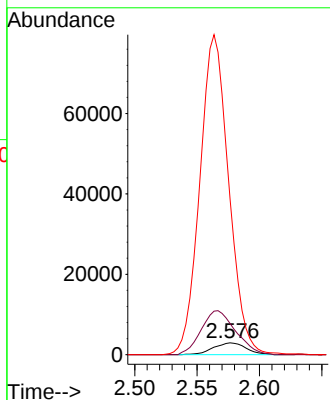
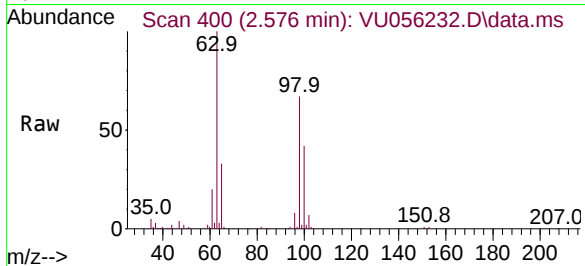




#12
1,1-Dichloroethene
Concen: 0.227 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

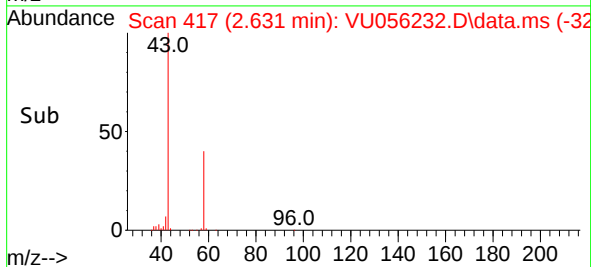
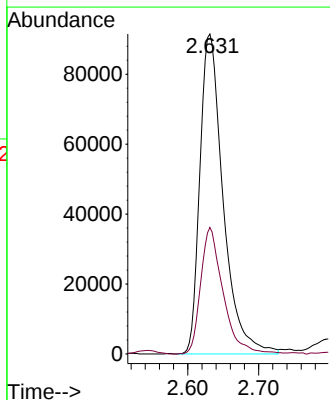
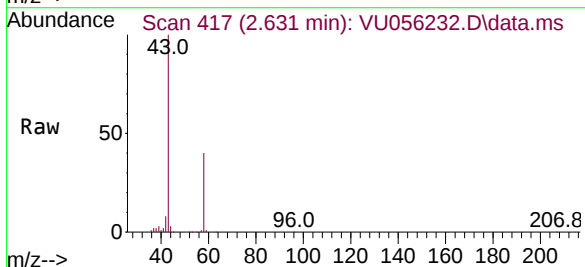
Instrument :
MSVOA_U
ClientSampleId :

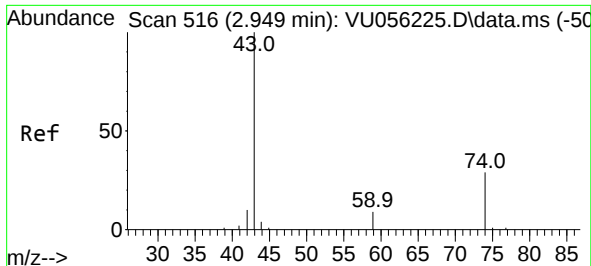
Tgt Ion: 96 Resp: 5422
Ion Ratio Lower Upper
96 100
61 264.7 111.7 207.5#
63 1320.0 74.5 138.3#



#13
Acetone
Concen: 74.949 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.000 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

Tgt Ion: 43 Resp: 208896
Ion Ratio Lower Upper
43 100
58 38.0 0.0 74.4

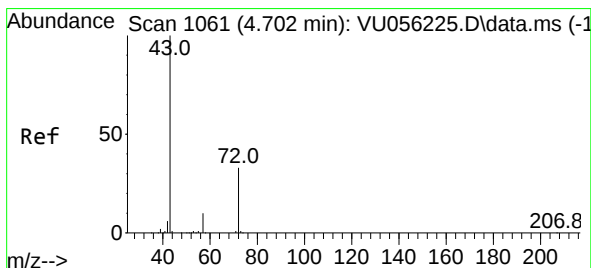
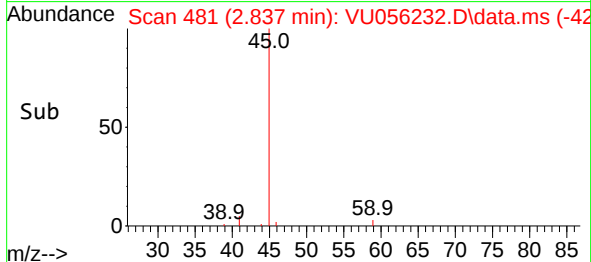
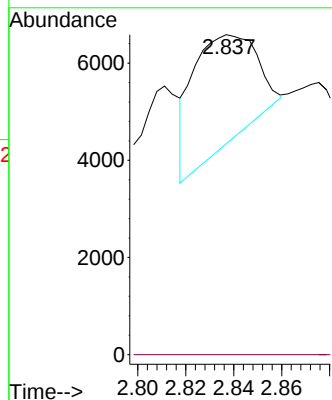
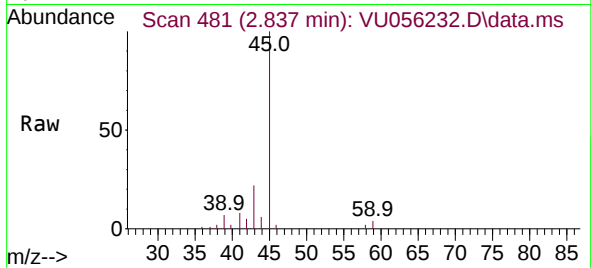




#15
Methyl Acetate
Concen: 0.545 ug/L
RT: 2.837 min Scan# 41
Delta R.T. -0.112 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

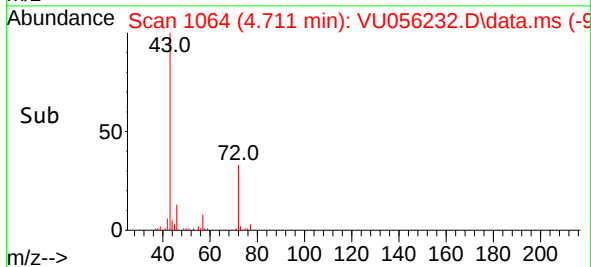
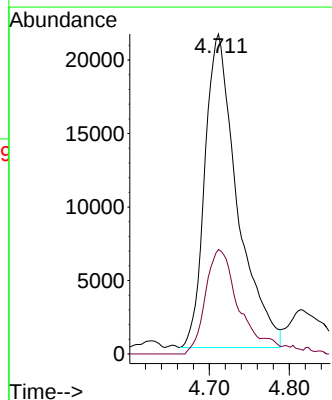
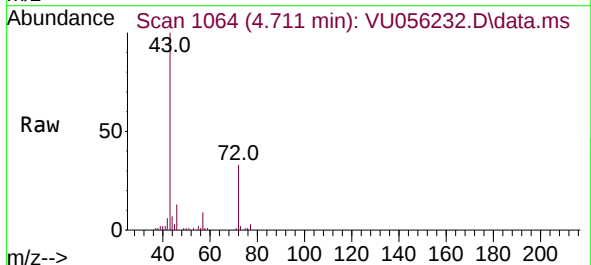
Instrument :
MSVOA_U
ClientSampleId :

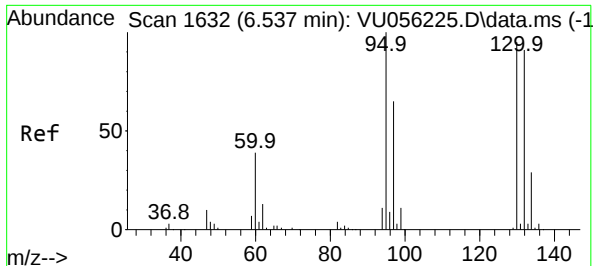
Tgt Ion: 43 Resp: 4283
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#21
2-Butanone
Concen: 13.109 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.010 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

Tgt Ion: 43 Resp: 60256
Ion Ratio Lower Upper
43 100
72 32.7 15.7 47.0

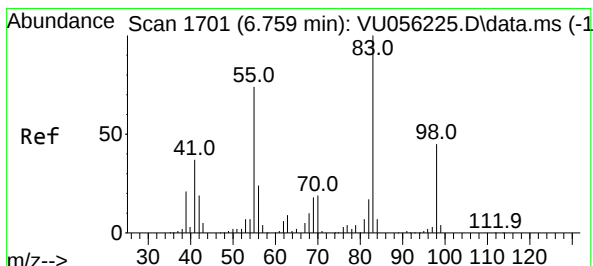
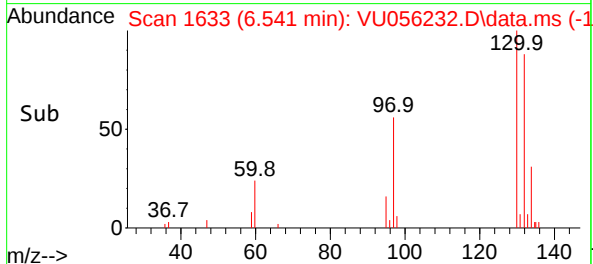
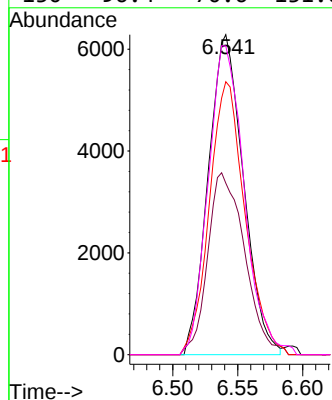
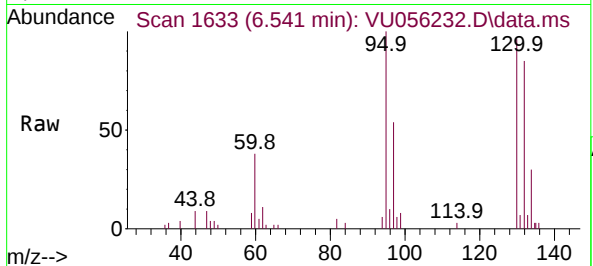




#34
Trichloroethene
Concen: 0.411 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

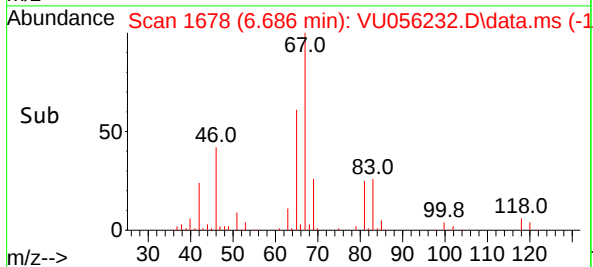
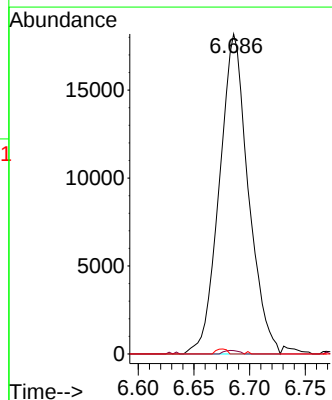
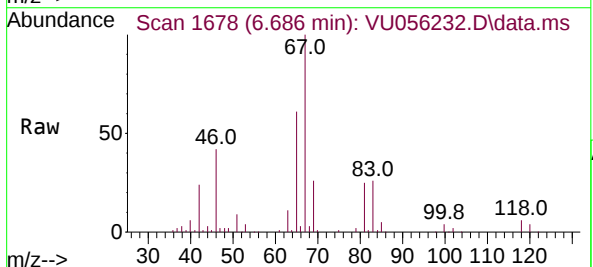
Instrument :
MSVOA_U
ClientSampleId :

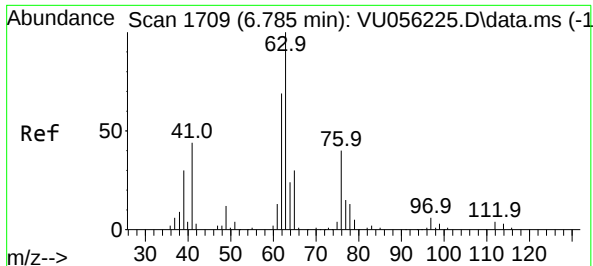
Tgt Ion: 95 Resp: 11826
Ion Ratio Lower Upper
95 100
97 53.6 46.8 87.0
132 85.3 66.5 123.5
130 96.4 70.6 131.0



#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

Tgt Ion: 83 Resp: 32896
Ion Ratio Lower Upper
83 100
55 0.6 60.6 91.0#
98 0.6 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.534 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU056232.D

Acq: 11 Nov 2023 22:07

Instrument :

MSVOA_U

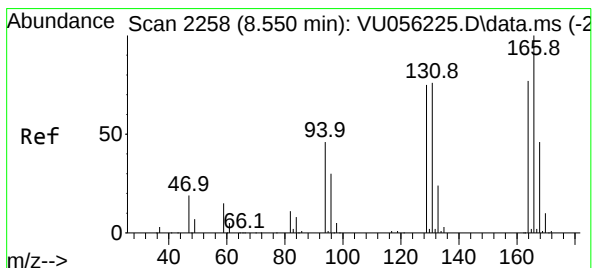
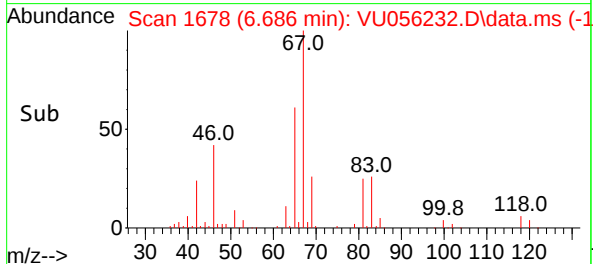
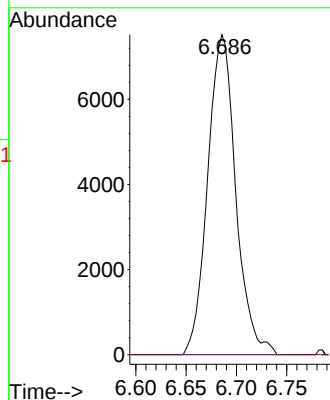
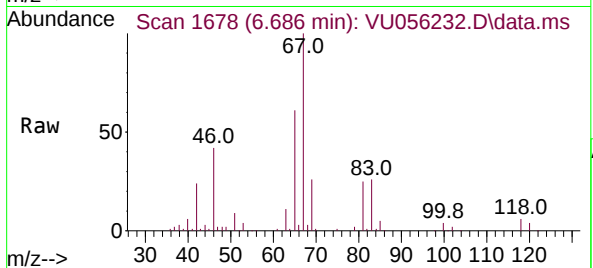
ClientSampleId :

Tgt Ion: 63 Resp: 14622

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#47

Tetrachloroethene

Concen: 3.057 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056232.D

Acq: 11 Nov 2023 22:07

Tgt Ion: 164 Resp: 65994

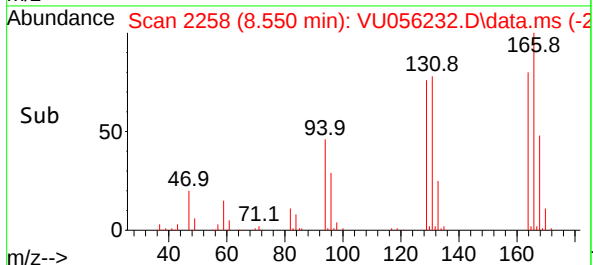
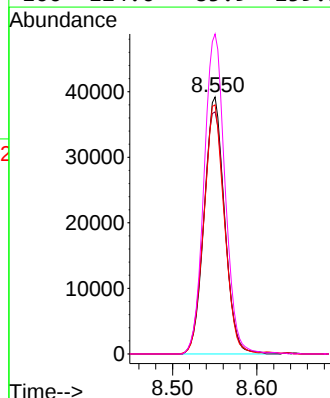
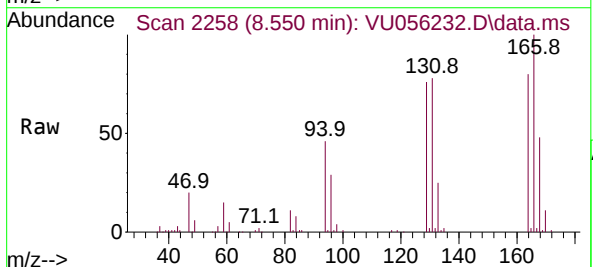
Ion Ratio Lower Upper

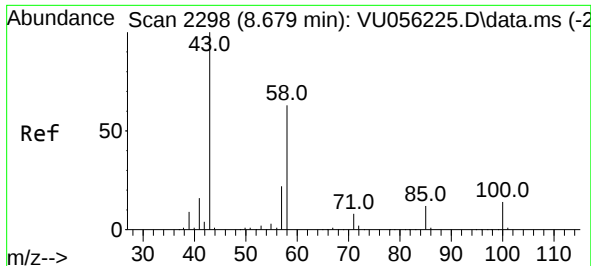
164 100

129 94.2 66.6 123.8

131 97.0 67.8 126.0

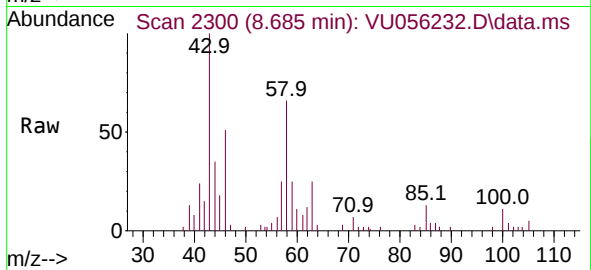
166 124.6 85.9 159.5



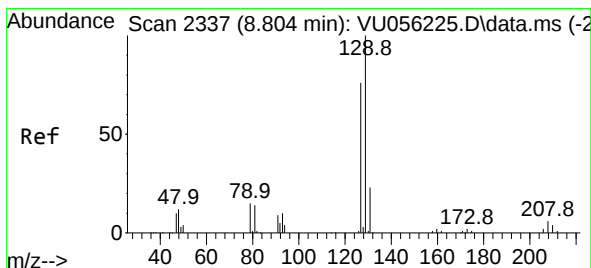
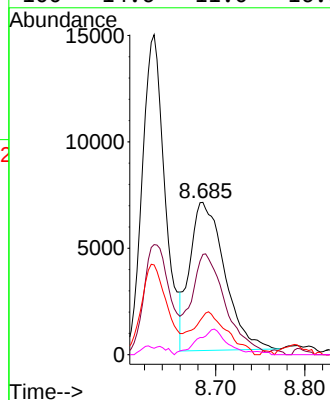
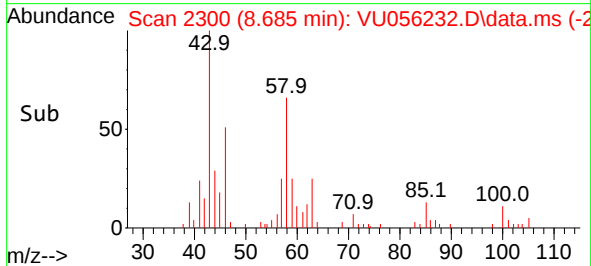


#48
2-Hexanone
Concen: 2.168 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

Instrument :
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ClientSampleId :

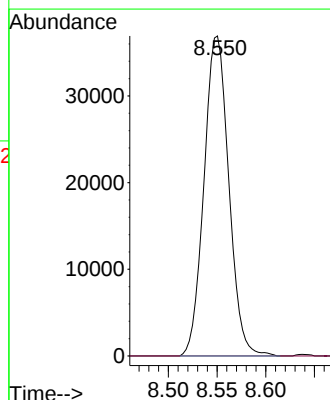
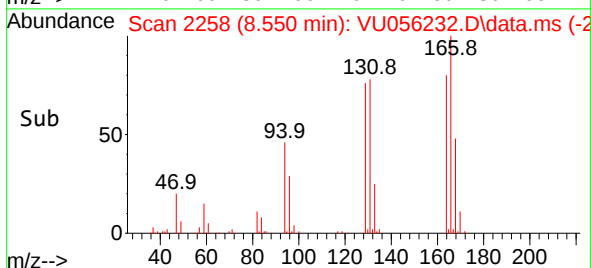
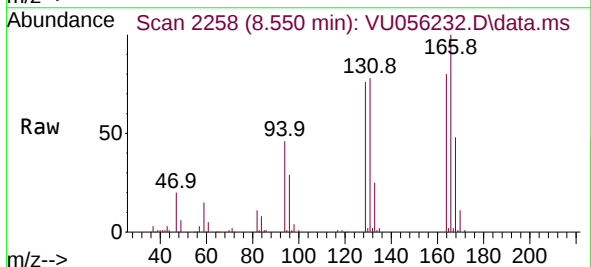


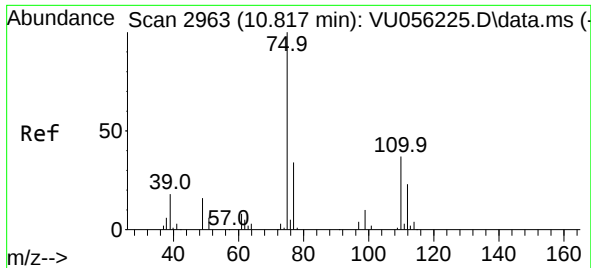
Tgt Ion: 43 Resp: 18909
Ion Ratio Lower Upper
43 100
58 67.0 52.0 78.0
57 28.1 17.4 26.2#
100 14.6 11.0 16.6



#49
Dibromochloromethane
Concen: 3.043 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056232.D
Acq: 11 Nov 2023 22:07

Tgt Ion: 129 Resp: 65370
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.368 ug/L

RT: 11.808 min Scan# 31

Delta R.T. 0.990 min

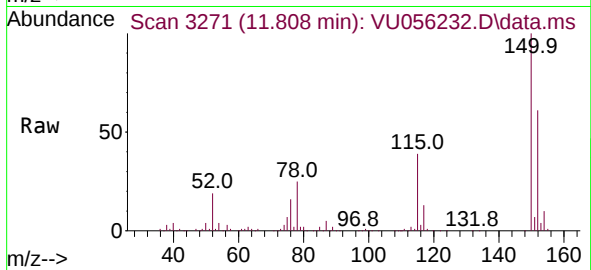
Lab File: VU056232.D

Acq: 11 Nov 2023 22:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 19516

Ion Ratio Lower Upper

75 100

110 3.3 29.7 44.5#

77 30.5 25.5 38.3

