

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056230.D
 Acq On : 11 Nov 2023 21:19
 Operator : MD/SY
 Sample : 05371-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 22:19:09 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)

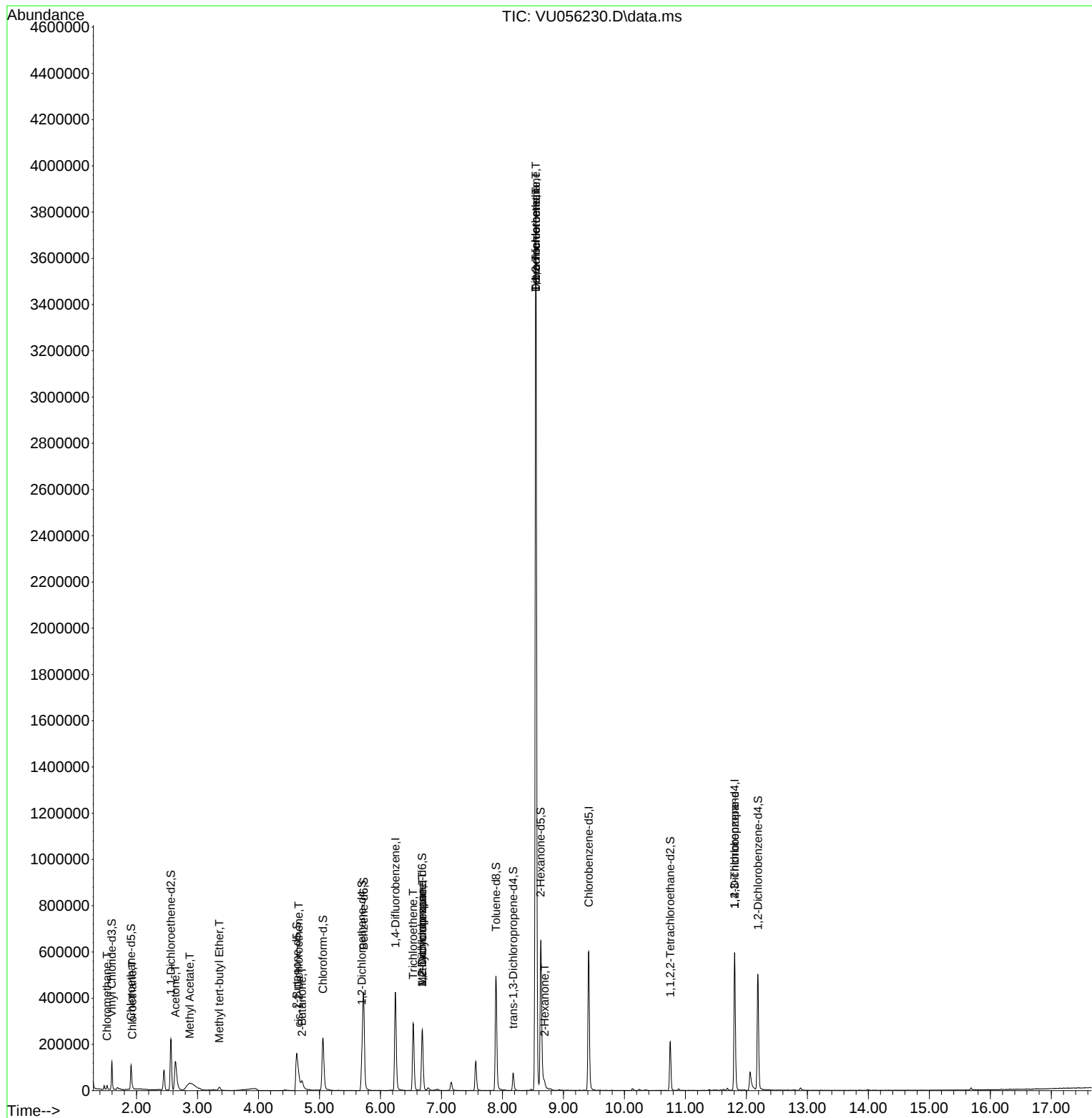
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	367670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	359460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	86966	3.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.910	69	76905	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.563	65	41723	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.627	46	276850	73.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.900%#
24) Chloroform-d	5.058	84	217538	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	104190	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.724	84	423901	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.685	67	133202	5.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.894	98	350643	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.177	79	46611	4.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	239220	75.133	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	150.260%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108673	5.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	138580	5.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	11619	0.398	ug/L	100
8) Chloroethane	1.930	64	6242	0.381	ug/L	90
13) Acetone	2.637	43	210099	76.092	ug/L	100
15) Methyl Acetate	2.872	43	13546	1.739	ug/L #	46
17) Methyl tert-butyl Ether	3.357	73	16008	0.301	ug/L	96
21) 2-Butanone	4.714	43	62604	13.748	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	11437	0.423	ug/L	97
34) Trichloroethene	6.537	95	104178	3.706	ug/L	95
35) Methylcyclohexane	6.688	83	31310	0.749	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	14329	0.535	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	7576	0.414	ug/L #	1
47) Tetrachloroethene	8.547	164	882661	41.831	ug/L	97
48) 2-Hexanone	8.692	43	18523	2.173	ug/L #	95
49) Dibromochloromethane	8.547	129	869402	41.409	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19856	1.400	ug/L #	68

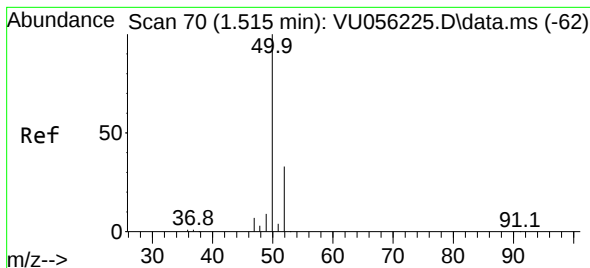
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 22:15:12 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.398 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU056230.D

Acq: 11 Nov 2023 21:19

Instrument :

MSVOA_U

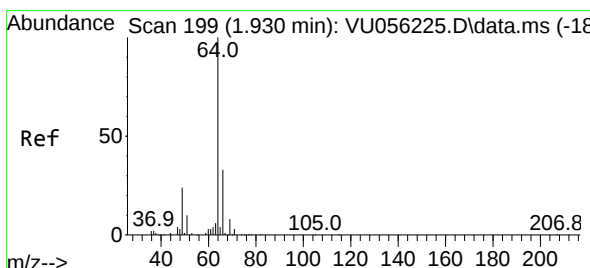
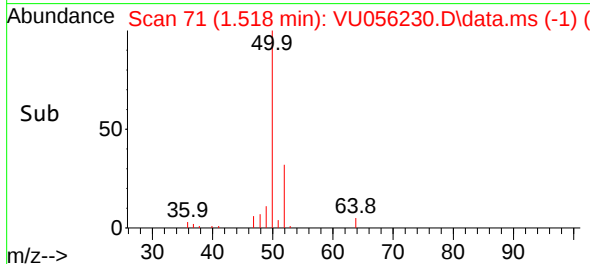
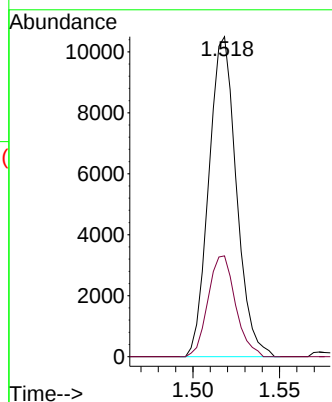
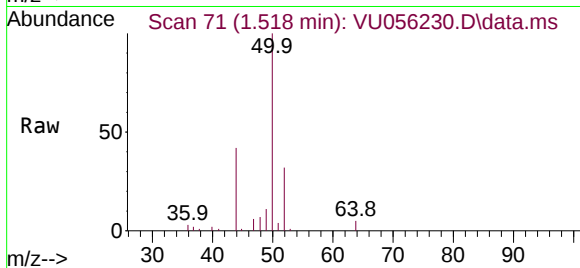
ClientSampleId :

Tgt Ion: 50 Resp: 11619

Ion Ratio Lower Upper

50 100

52 31.5 22.2 41.2



#8

Chloroethane

Concen: 0.381 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU056230.D

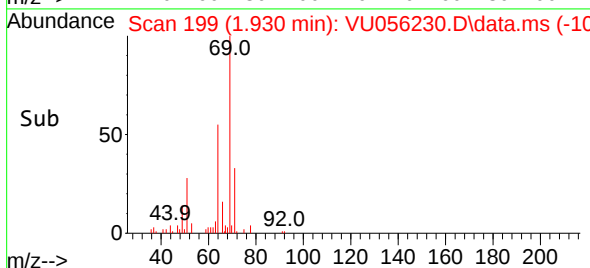
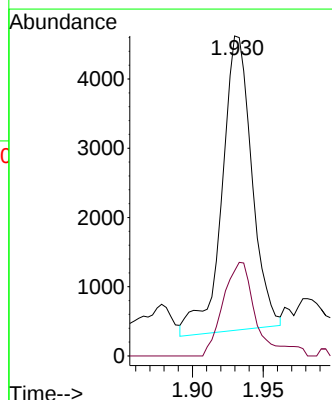
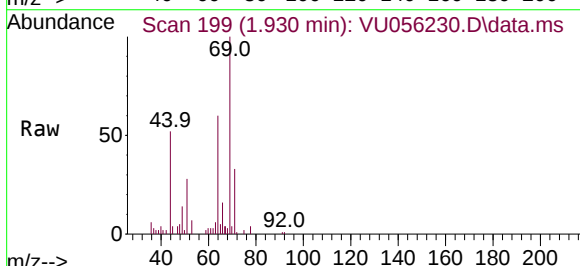
Acq: 11 Nov 2023 21:19

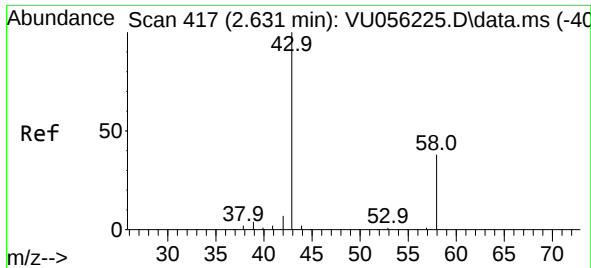
Tgt Ion: 64 Resp: 6242

Ion Ratio Lower Upper

64 100

66 26.6 22.4 41.6





#13

Acetone

Concen: 76.092 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU056230.D

Acq: 11 Nov 2023 21:19

Instrument :

MSVOA_U

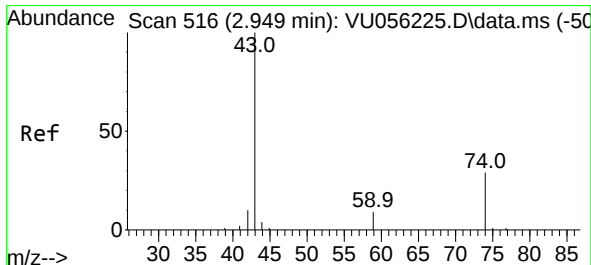
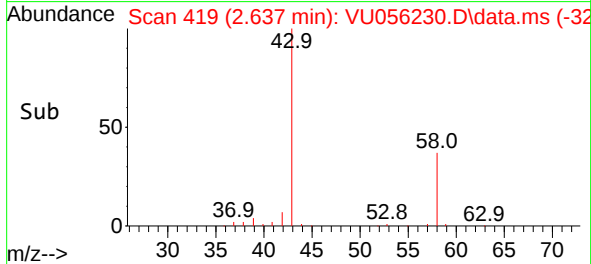
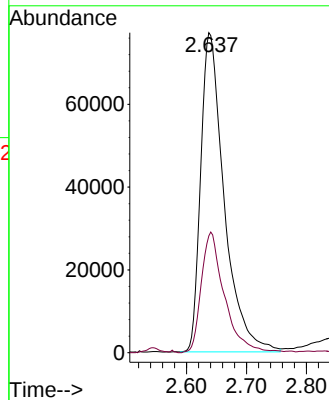
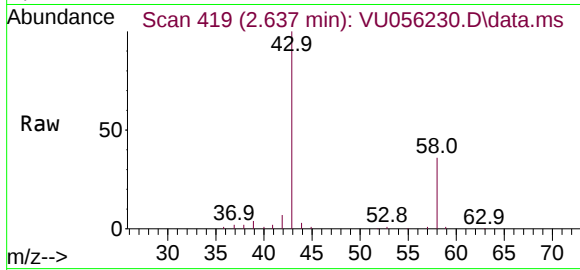
ClientSampleId :

Tgt Ion: 43 Resp: 210099

Ion Ratio Lower Upper

43 100

58 37.0 0.0 74.4



#15

Methyl Acetate

Concen: 1.739 ug/L

RT: 2.872 min Scan# 492

Delta R.T. -0.077 min

Lab File: VU056230.D

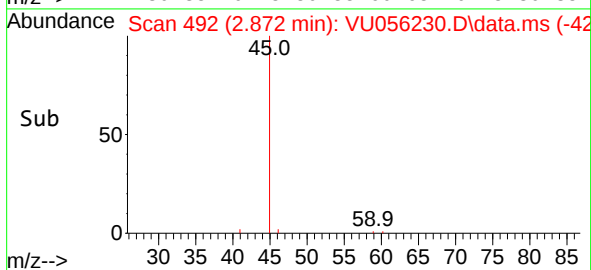
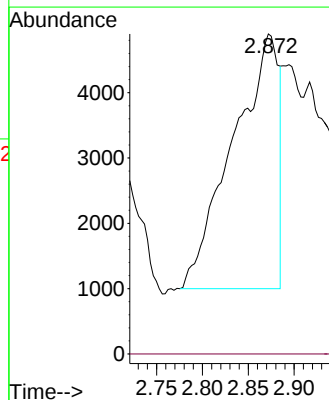
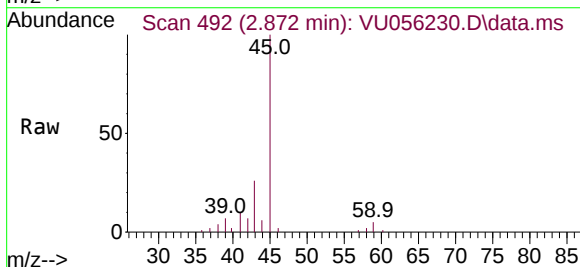
Acq: 11 Nov 2023 21:19

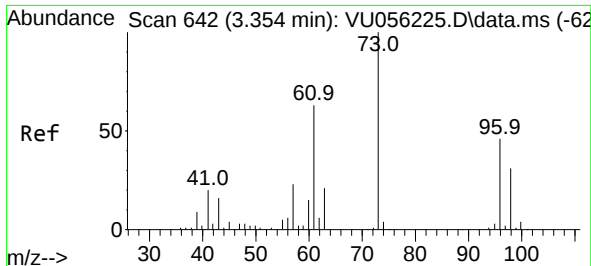
Tgt Ion: 43 Resp: 13546

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#

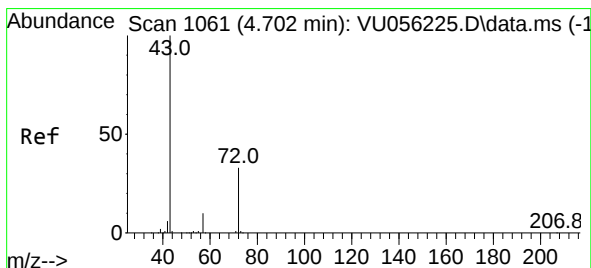
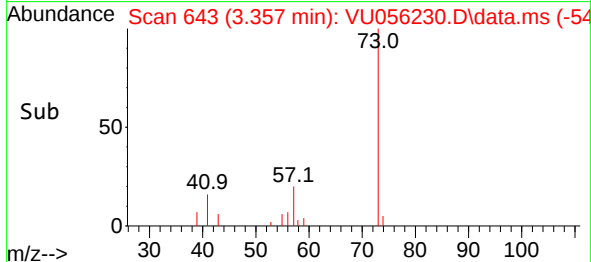
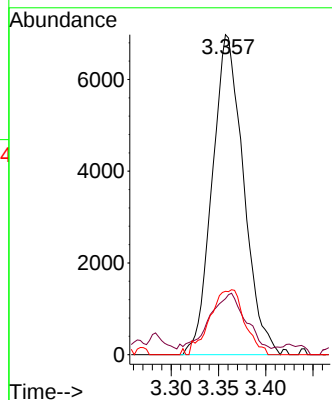
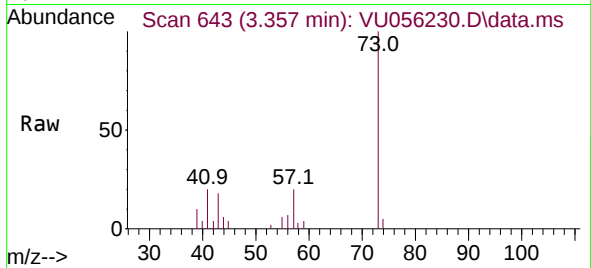




#17
Methyl tert-butyl Ether
Concen: 0.301 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU056230.D
Acq: 11 Nov 2023 21:19

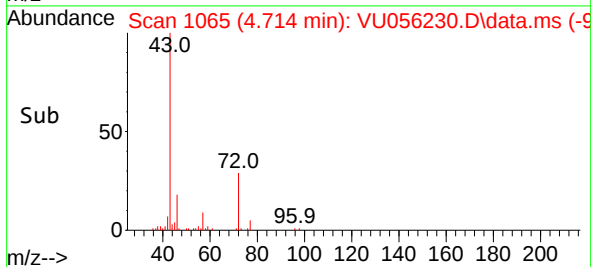
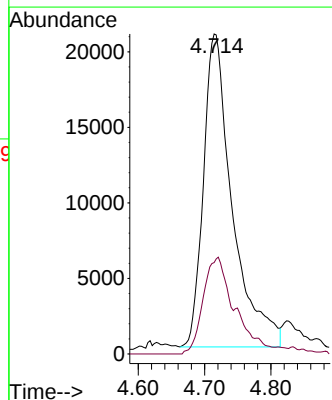
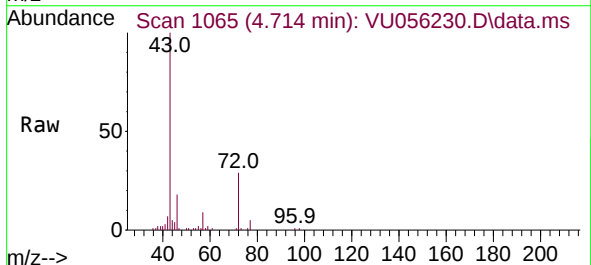
Instrument :
MSVOA_U
ClientSampleId :

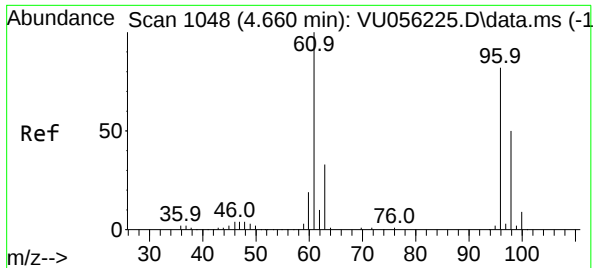
Tgt Ion: 73 Resp: 16008
Ion Ratio Lower Upper
73 100
43 19.5 13.6 20.4
57 22.5 17.3 25.9



#21
2-Butanone
Concen: 13.748 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.013 min
Lab File: VU056230.D
Acq: 11 Nov 2023 21:19

Tgt Ion: 43 Resp: 62604
Ion Ratio Lower Upper
43 100
72 33.9 15.7 47.0

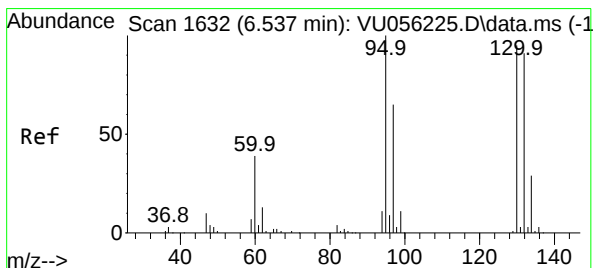
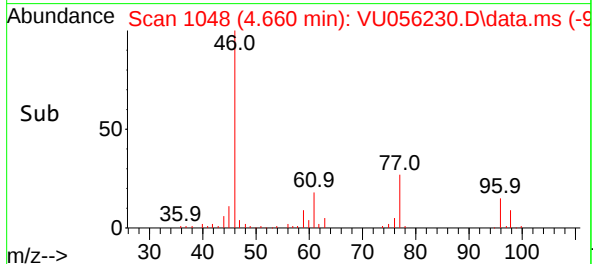
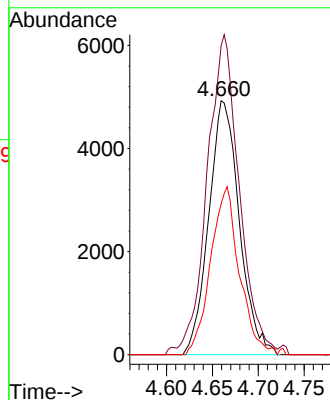
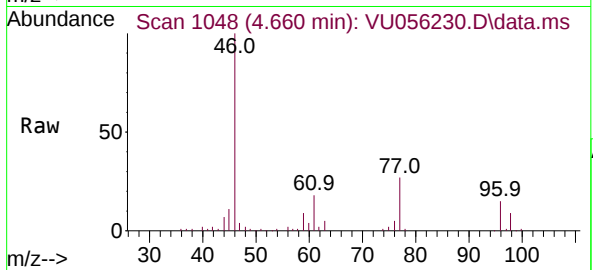




#22
 cis-1,2-Dichloroethene
 Concen: 0.423 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056230.D
 Acq: 11 Nov 2023 21:19

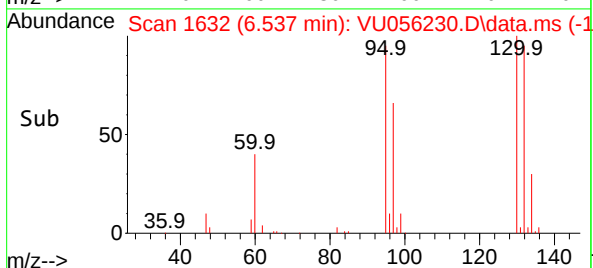
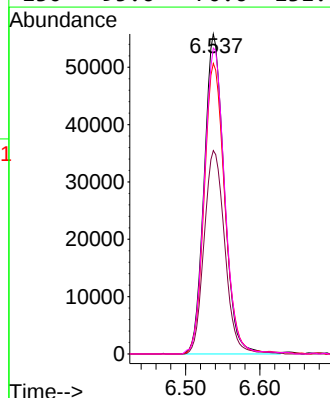
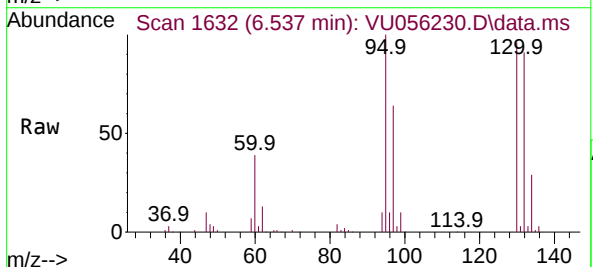
Instrument :
 MSVOA_U
 ClientSampleId :

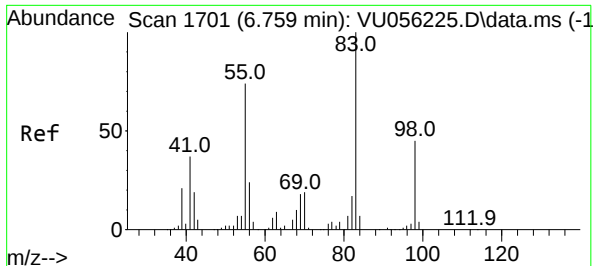
Tgt Ion: 96 Resp: 11437
 Ion Ratio Lower Upper
 96 100
 61 121.8 87.8 163.2
 98 59.4 43.5 80.7



#34
 Trichloroethene
 Concen: 3.706 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056230.D
 Acq: 11 Nov 2023 21:19

Tgt Ion: 95 Resp: 104178
 Ion Ratio Lower Upper
 95 100
 97 63.6 46.8 87.0
 132 90.8 66.5 123.5
 130 95.6 70.6 131.0

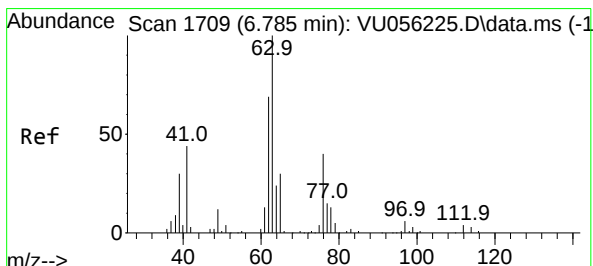
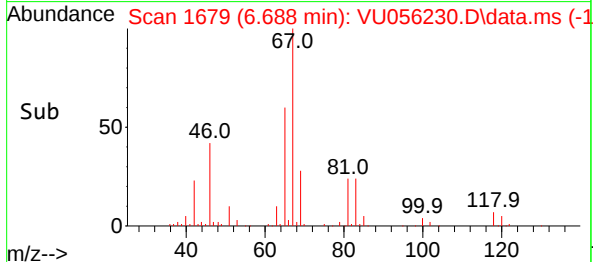
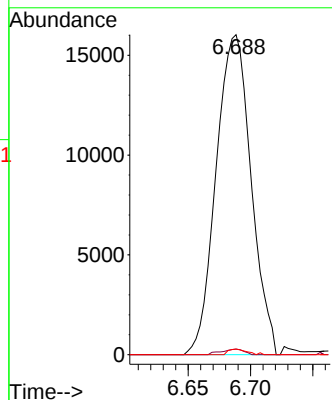
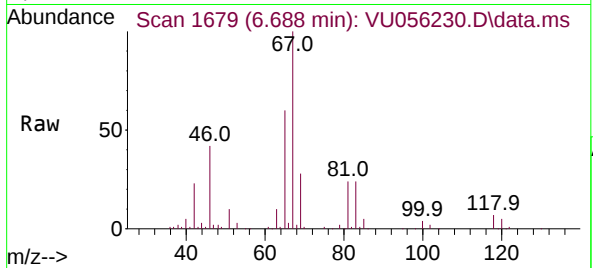




#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU056230.D
Acq: 11 Nov 2023 21:19

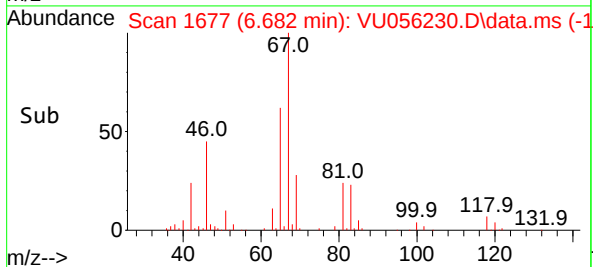
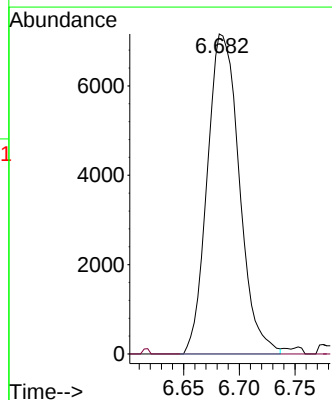
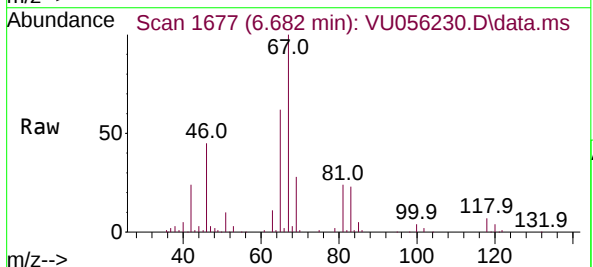
Instrument :
MSVOA_U
ClientSampleId :

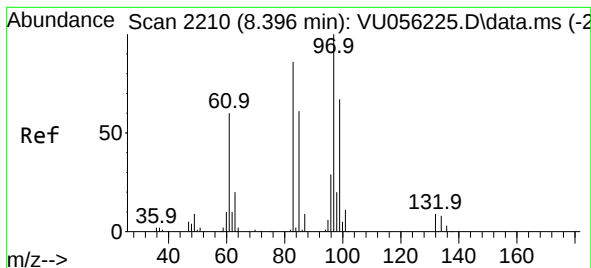
Tgt Ion: 83 Resp: 31310
Ion Ratio Lower Upper
83 100
55 1.1 60.6 91.0#
98 0.9 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056230.D
Acq: 11 Nov 2023 21:19

Tgt Ion: 63 Resp: 14329
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#





#45

1,1,2-Trichloroethane

Concen: 0.414 ug/L

RT: 8.547 min Scan# 2210

Delta R.T. 0.151 min

Lab File: VU056230.D

Acq: 11 Nov 2023 21:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 7576

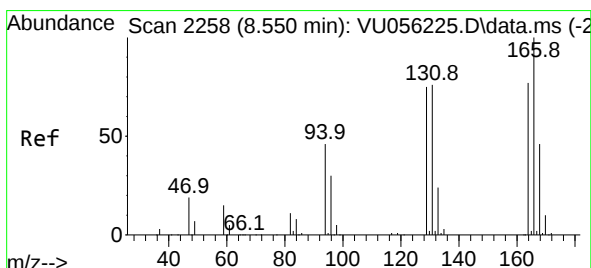
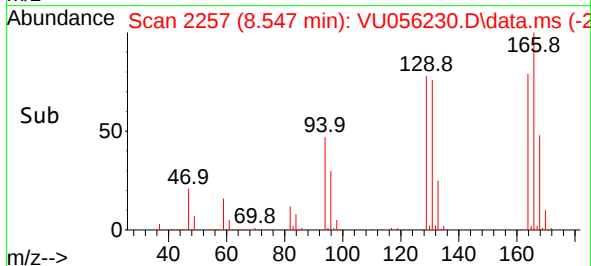
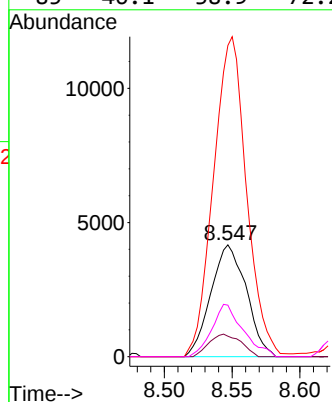
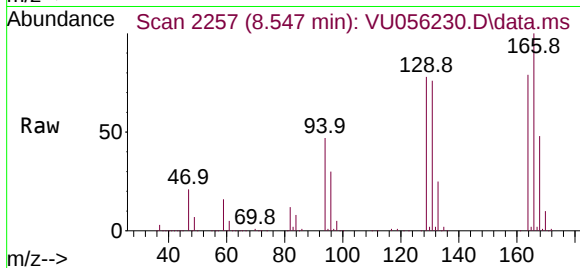
Ion Ratio Lower Upper

97 100

99 18.3 44.7 82.9#

83 278.2 59.4 110.2#

85 46.1 38.9 72.2



#47

Tetrachloroethene

Concen: 41.831 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056230.D

Acq: 11 Nov 2023 21:19

Tgt Ion:164 Resp: 882661

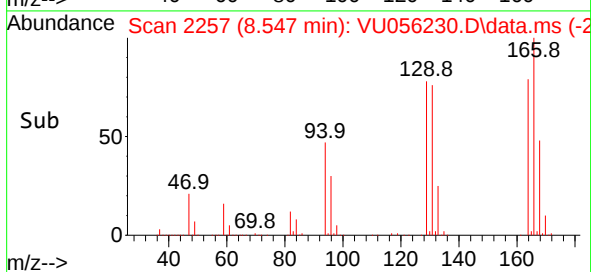
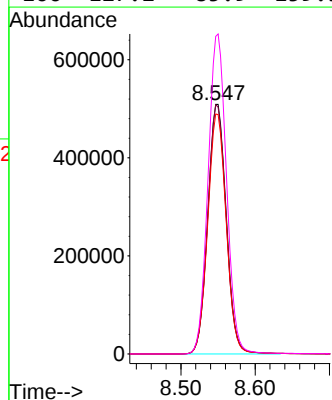
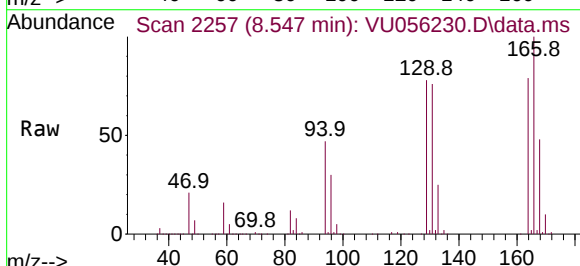
Ion Ratio Lower Upper

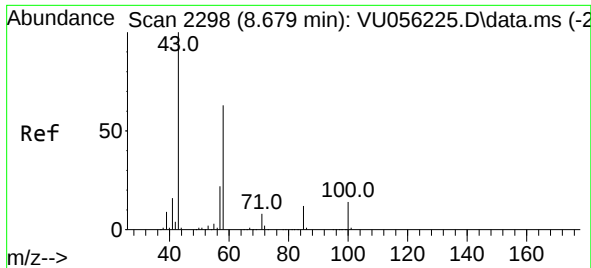
164 100

129 99.8 66.6 123.8

131 96.2 67.8 126.0

166 127.2 85.9 159.5

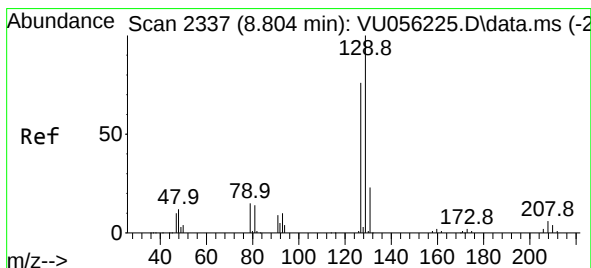
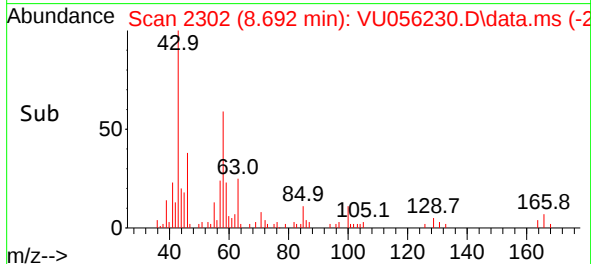
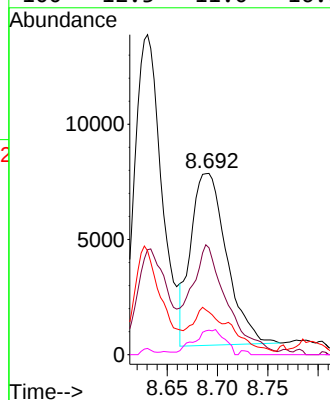
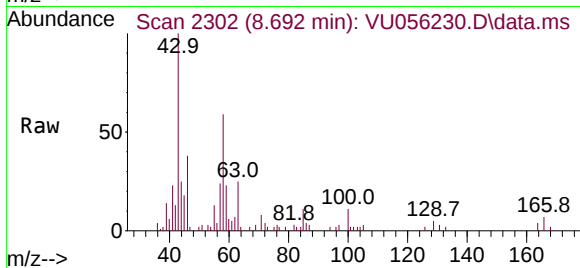




#48
2-Hexanone
Concen: 2.173 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056230.D
Acq: 11 Nov 2023 21:19

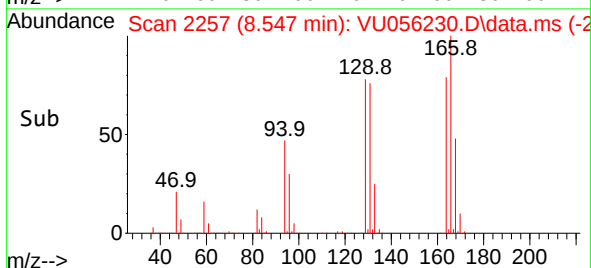
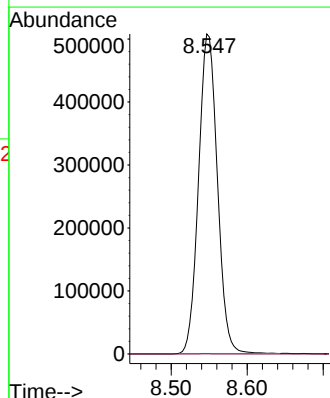
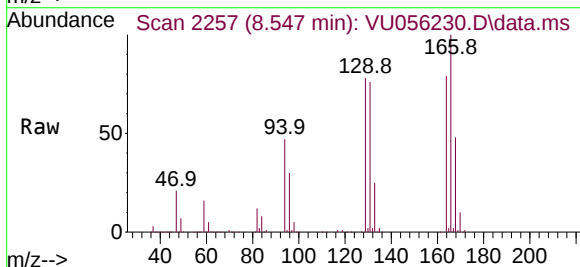
Instrument :
MSVOA_U
ClientSampleId :

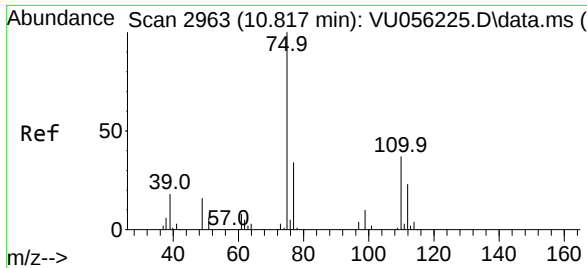
Tgt Ion: 43	Resp: 18523
Ion Ratio	Lower Upper
43 100	
58 62.8	52.0 78.0
57 27.1	17.4 26.2
100 12.3	11.0 16.6



#49
Dibromochloromethane
Concen: 41.409 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056230.D
Acq: 11 Nov 2023 21:19

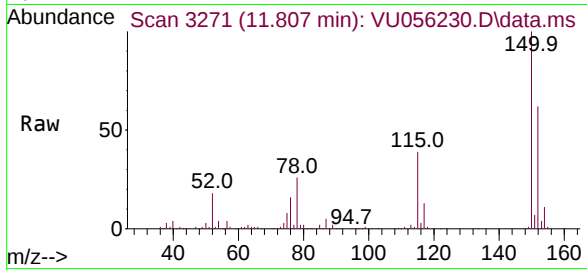
Tgt Ion: 129	Resp: 869402
Ion Ratio	Lower Upper
129 100	
127 0.0	55.4 102.8





#61
1,2,3-Trichloropropane
Concen: 1.400 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056230.D
Acq: 11 Nov 2023 21:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.6	29.7	44.5#
77	31.8	25.5	38.3

