

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056409.D
 Acq On : 16 Nov 2023 15:56
 Operator : MD/SY
 Sample : 05373-03RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:38:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

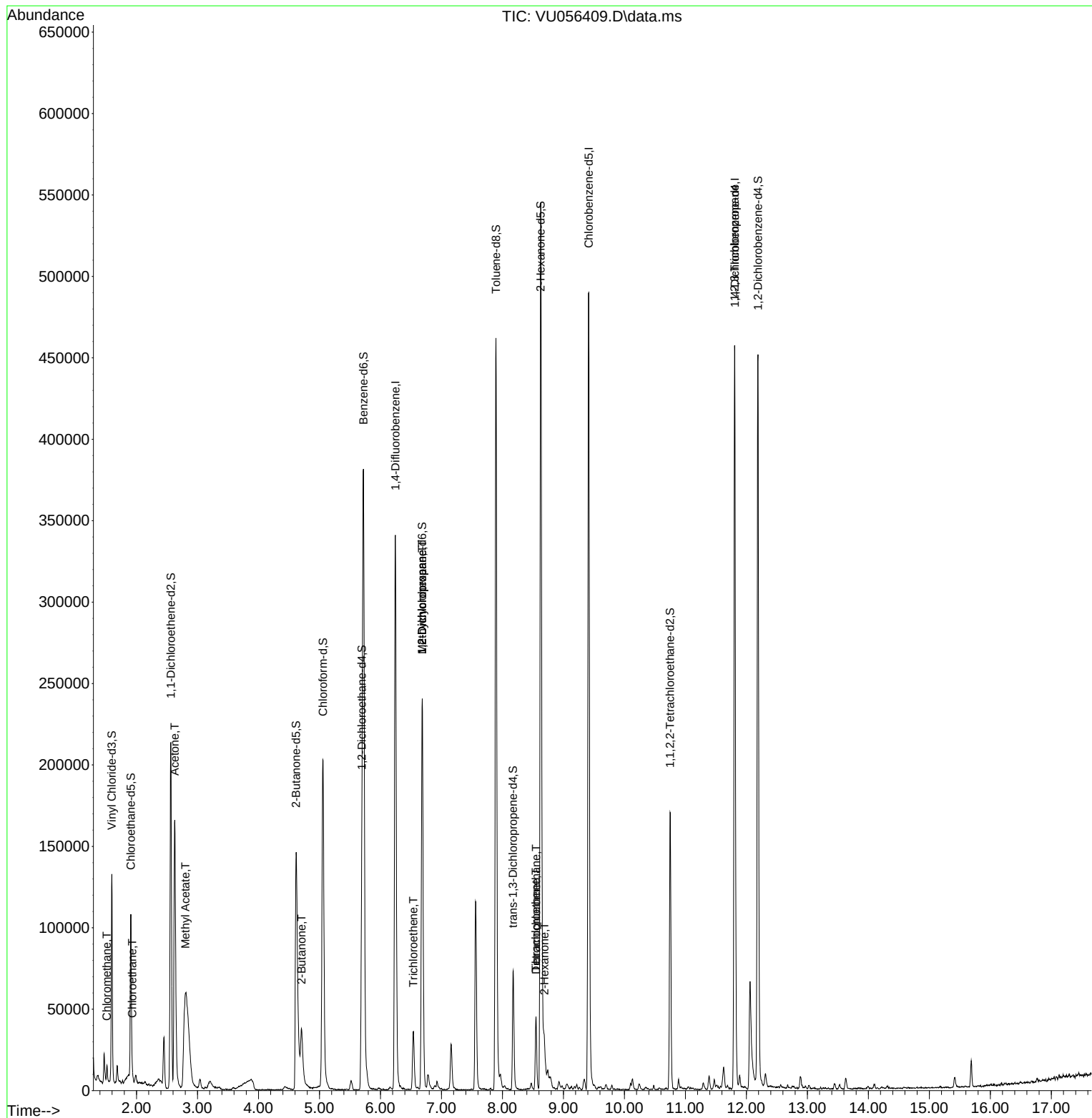
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	279205	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	278959	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	122449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89115	4.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.907	69	73971	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	40861	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.618	46	233287	56.022	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.040%
24) Chloroform-d	5.058	84	194842	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	97446	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.721	84	366963	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	119558	4.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	312649	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	44729	4.656	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.627	63	191813	50.807	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86366	4.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	114746	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	6289	0.278	ug/L	97
8) Chloroethane	1.930	64	3798	0.285	ug/L	91
13) Acetone	2.628	43	207554	58.521	ug/L	100
15) Methyl Acetate	2.801	43	42402	6.718	ug/L #	49
21) 2-Butanone	4.705	43	54761	11.899	ug/L	97
34) Trichloroethene	6.541	95	12803	0.590	ug/L	94
35) Methylcyclohexane	6.685	83	27687	0.884	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12733	0.613	ug/L #	89
47) Tetrachloroethene	8.550	164	8390	0.574	ug/L	95
48) 2-Hexanone	8.689	43	14326	1.787	ug/L	98
49) Dibromochloromethane	8.553	129	8772	0.558	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	15778	1.502	ug/L #	68

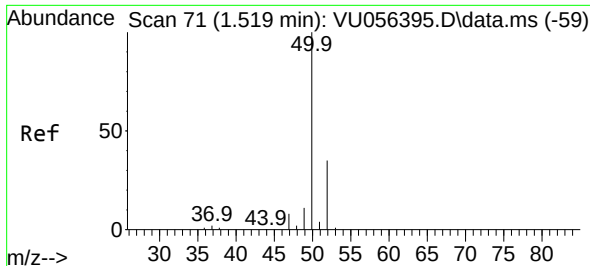
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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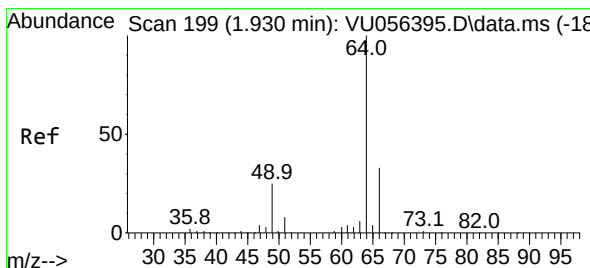
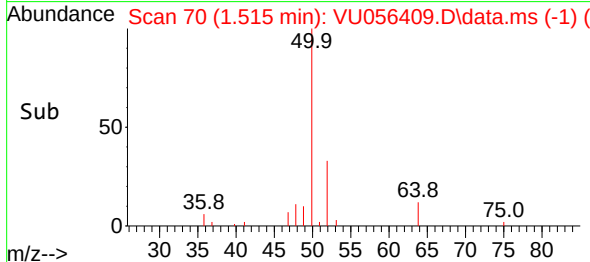
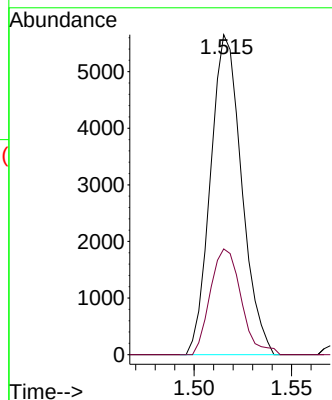
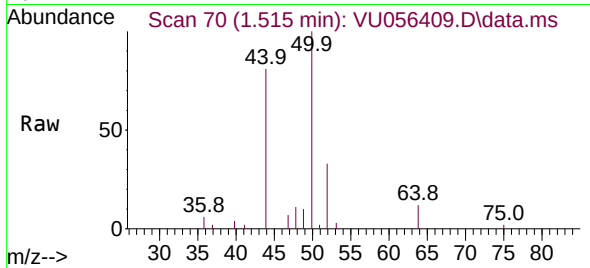




#3
Chloromethane
Concen: 0.278 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.004 min
Lab File: VU056409.D
Acq: 16 Nov 2023 15:56

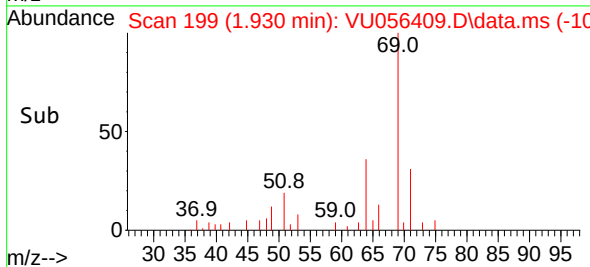
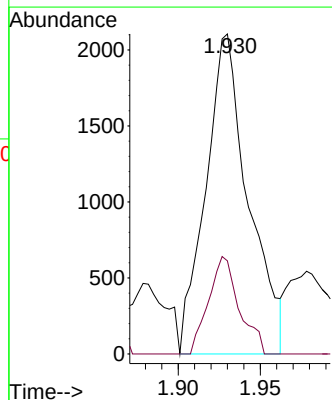
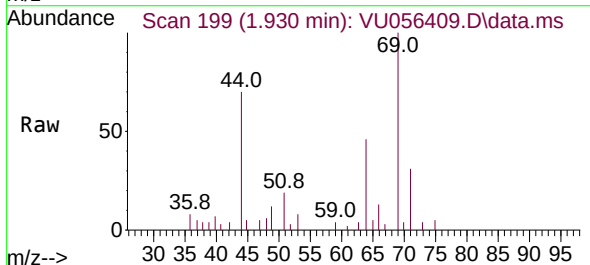
Instrument :
MSVOA_U
ClientSampleId :

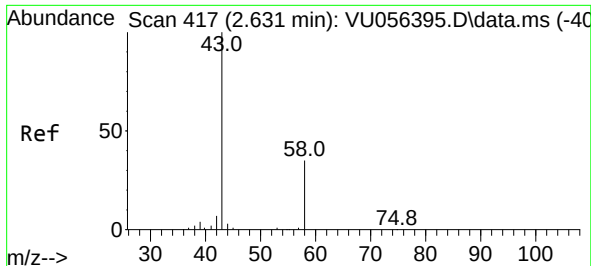
Tgt Ion: 50 Resp: 6289
Ion Ratio Lower Upper
50 100
52 33.0 24.3 45.1



#8
Chloroethane
Concen: 0.285 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056409.D
Acq: 16 Nov 2023 15:56

Tgt Ion: 64 Resp: 3798
Ion Ratio Lower Upper
64 100
66 29.1 23.9 44.5





#13

Acetone

Concen: 58.521 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.004 min

Lab File: VU056409.D

Acq: 16 Nov 2023 15:56

Instrument :

MSVOA_U

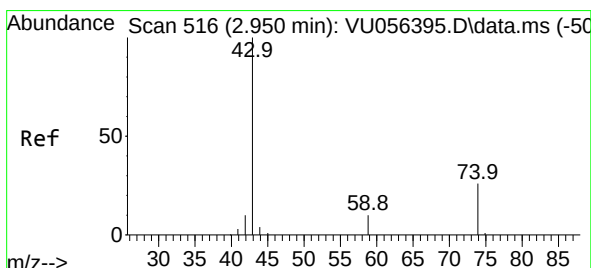
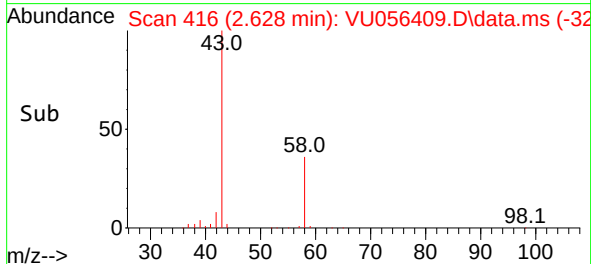
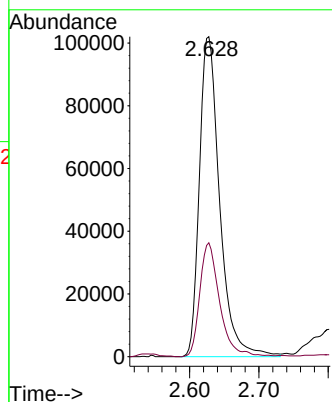
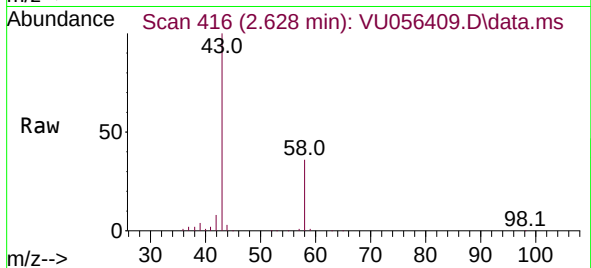
ClientSampleId :

Tgt Ion: 43 Resp: 207554

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



#15

Methyl Acetate

Concen: 6.718 ug/L

RT: 2.801 min Scan# 470

Delta R.T. -0.148 min

Lab File: VU056409.D

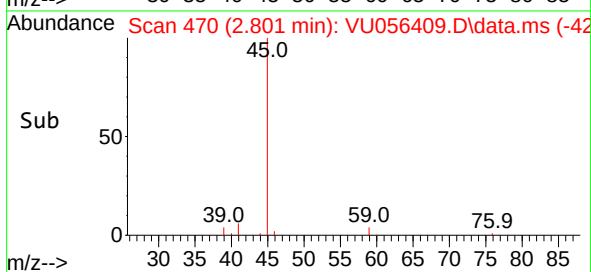
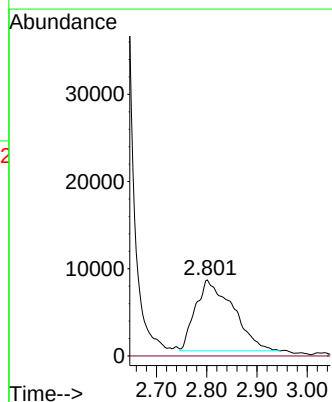
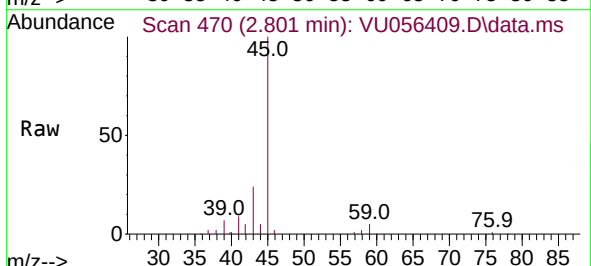
Acq: 16 Nov 2023 15:56

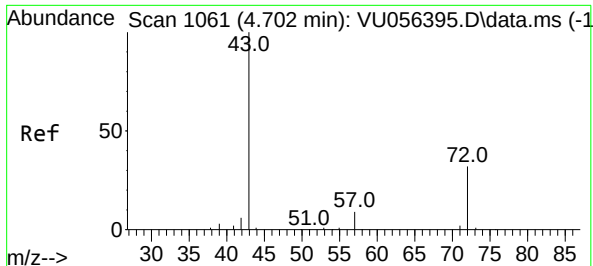
Tgt Ion: 43 Resp: 42402

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#

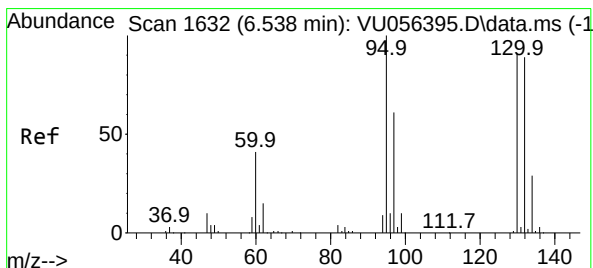
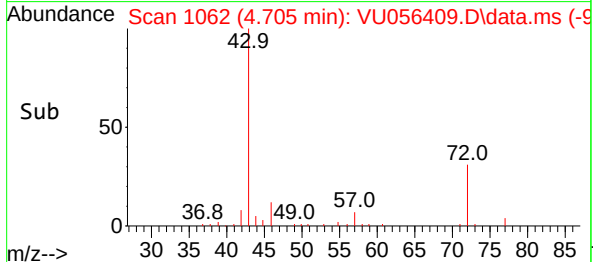
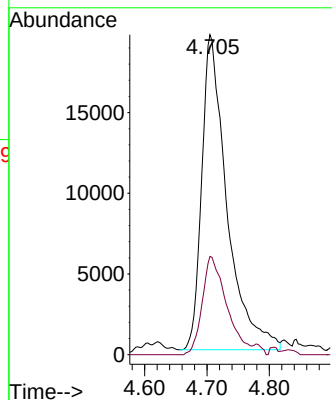
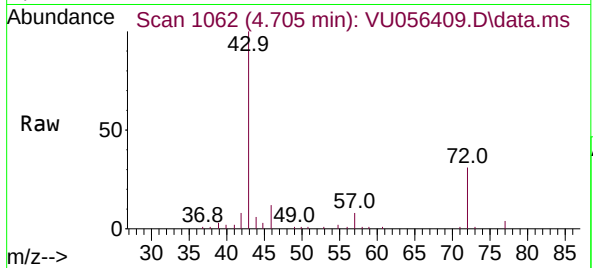




#21
2-Butanone
Concen: 11.899 ug/L
RT: 4.705 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU056409.D
Acq: 16 Nov 2023 15:56

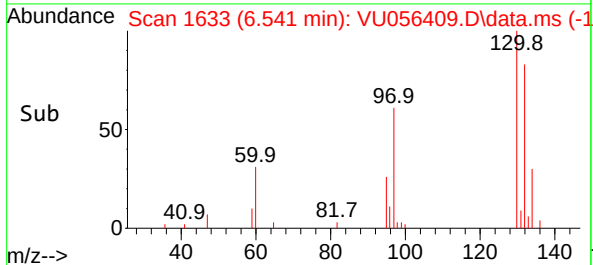
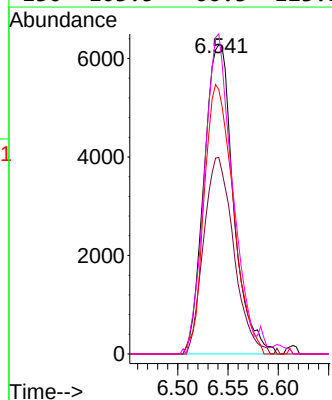
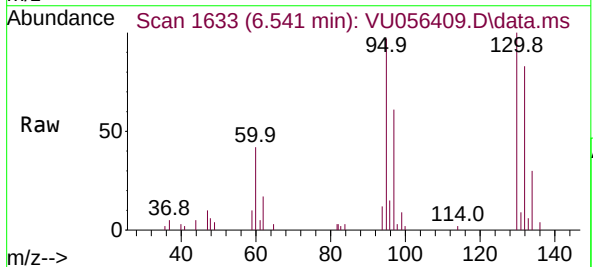
Instrument :
MSVOA_U
ClientSampleId :

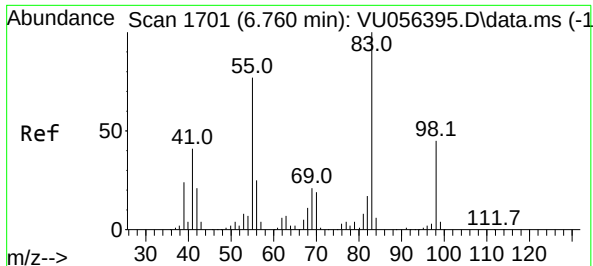
Tgt Ion: 43 Resp: 54761
Ion Ratio Lower Upper
43 100
72 30.2 14.2 42.6



#34
Trichloroethene
Concen: 0.590 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056409.D
Acq: 16 Nov 2023 15:56

Tgt Ion: 95 Resp: 12803
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.3
132 85.6 62.0 115.2
130 103.5 66.3 123.1

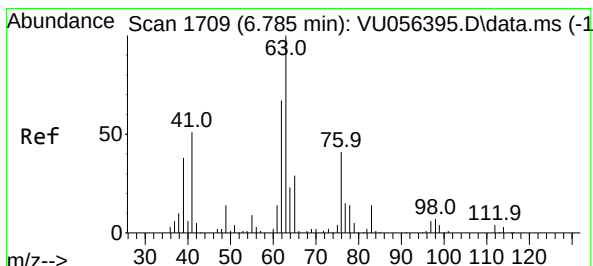
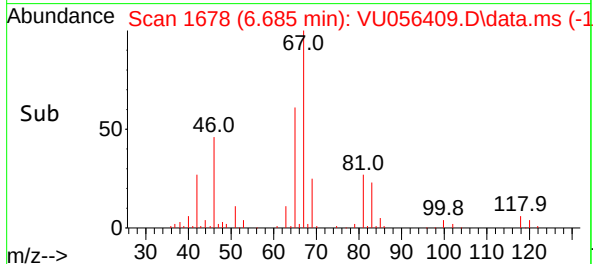
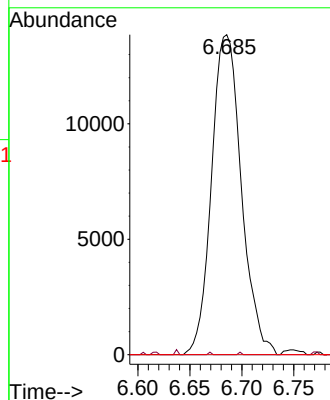
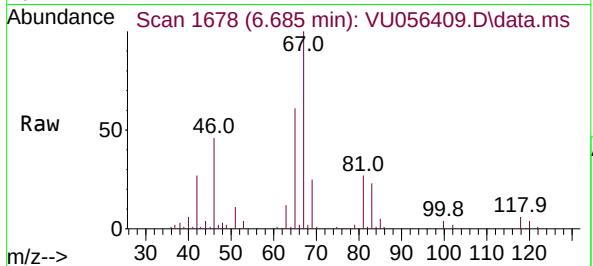




#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056409.D
Acq: 16 Nov 2023 15:56

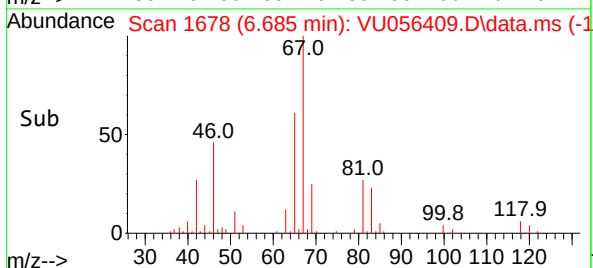
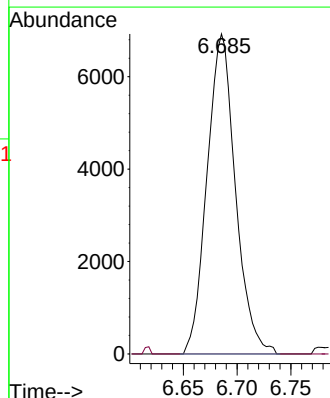
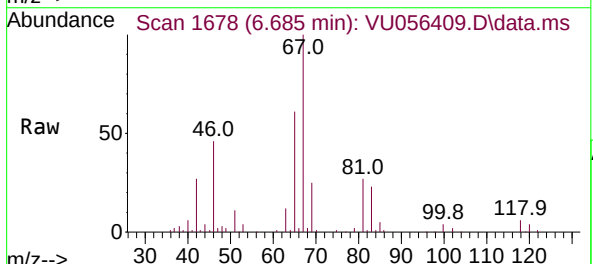
Instrument :
MSVOA_U
ClientSampleId :

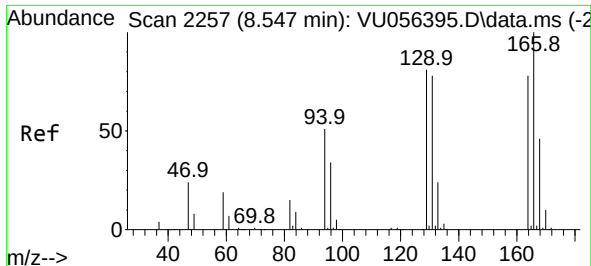
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.9	94.3#
98	0.0	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056409.D
Acq: 16 Nov 2023 15:56

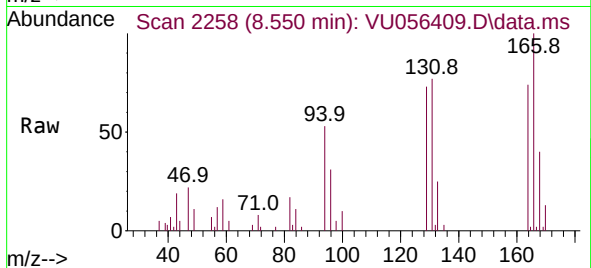
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.2	4.8#





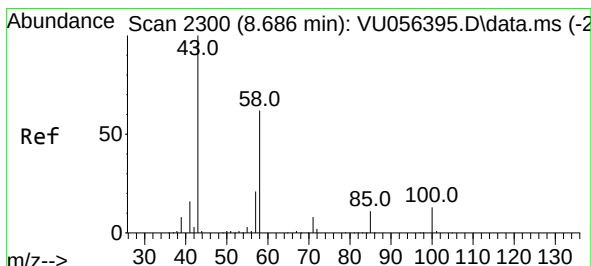
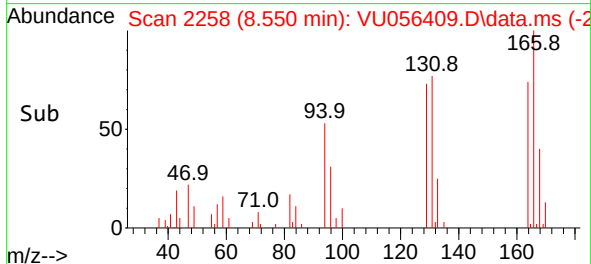
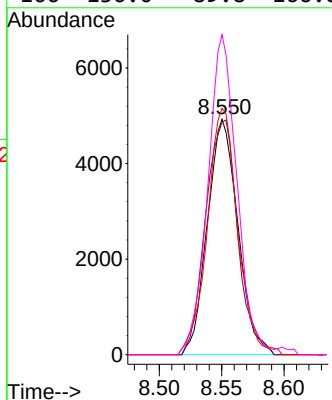
#47
Tetrachloroethene
Concen: 0.574 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056409.D
Acq: 16 Nov 2023 15:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 8390

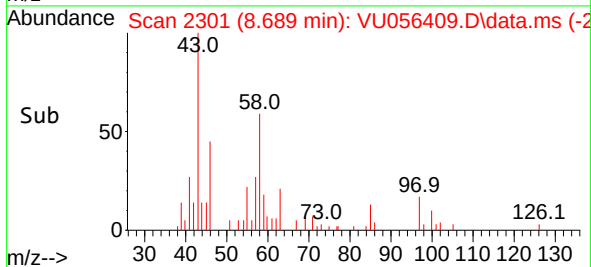
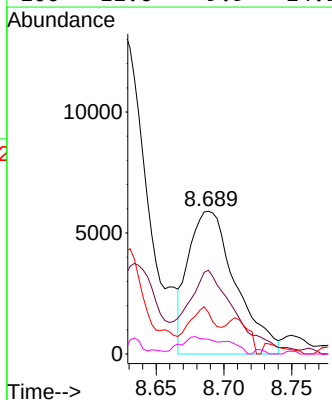
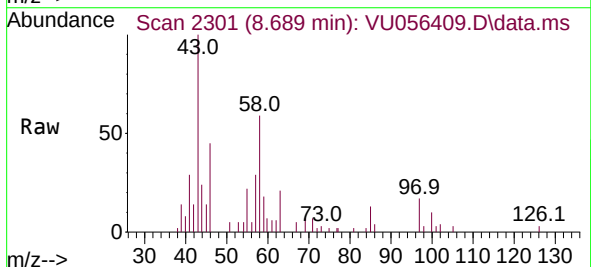
Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.0	131.9
131	104.7	70.3	130.7
166	136.0	89.8	166.8

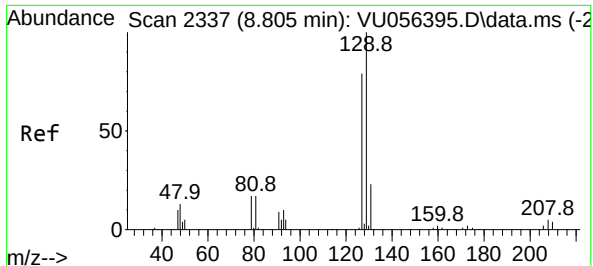


#48
2-Hexanone
Concen: 1.787 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU056409.D
Acq: 16 Nov 2023 15:56

Tgt Ion: 43 Resp: 14326

Ion	Ratio	Lower	Upper
43	100		
58	60.3	48.7	73.1
57	19.0	16.8	25.2
100	11.6	9.9	14.9





#49

Dibromochloromethane

Concen: 0.558 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU056409.D

Acq: 16 Nov 2023 15:56

Instrument :

MSVOA_U

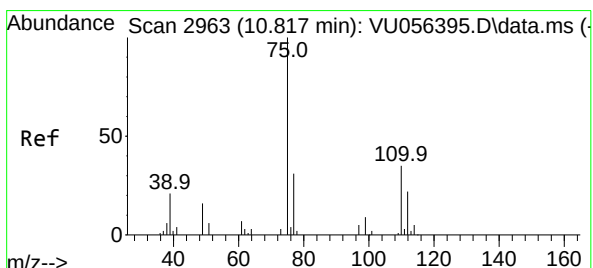
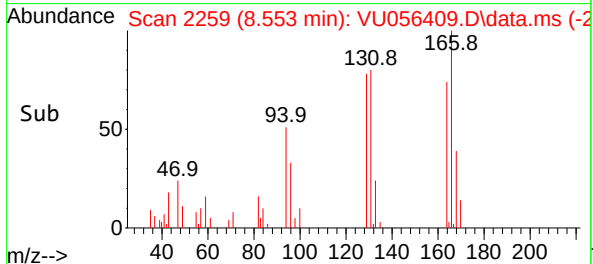
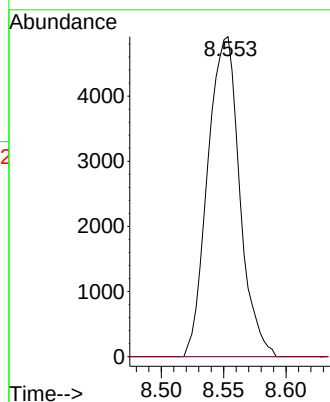
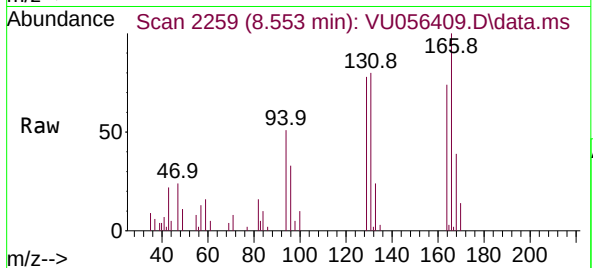
ClientSampleId :

Tgt Ion:129 Resp: 8772

Ion Ratio Lower Upper

129 100

127 0.0 52.9 98.3#



#61

1,2,3-Trichloropropane

Concen: 1.502 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056409.D

Acq: 16 Nov 2023 15:56

Tgt Ion: 75 Resp: 15778

Ion Ratio Lower Upper

75 100

110 2.6 30.4 45.6#

77 33.1 27.0 40.6

