

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056415.D
 Acq On : 16 Nov 2023 18:22
 Operator : MD/SY
 Sample : 05371-04DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:40:18 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)

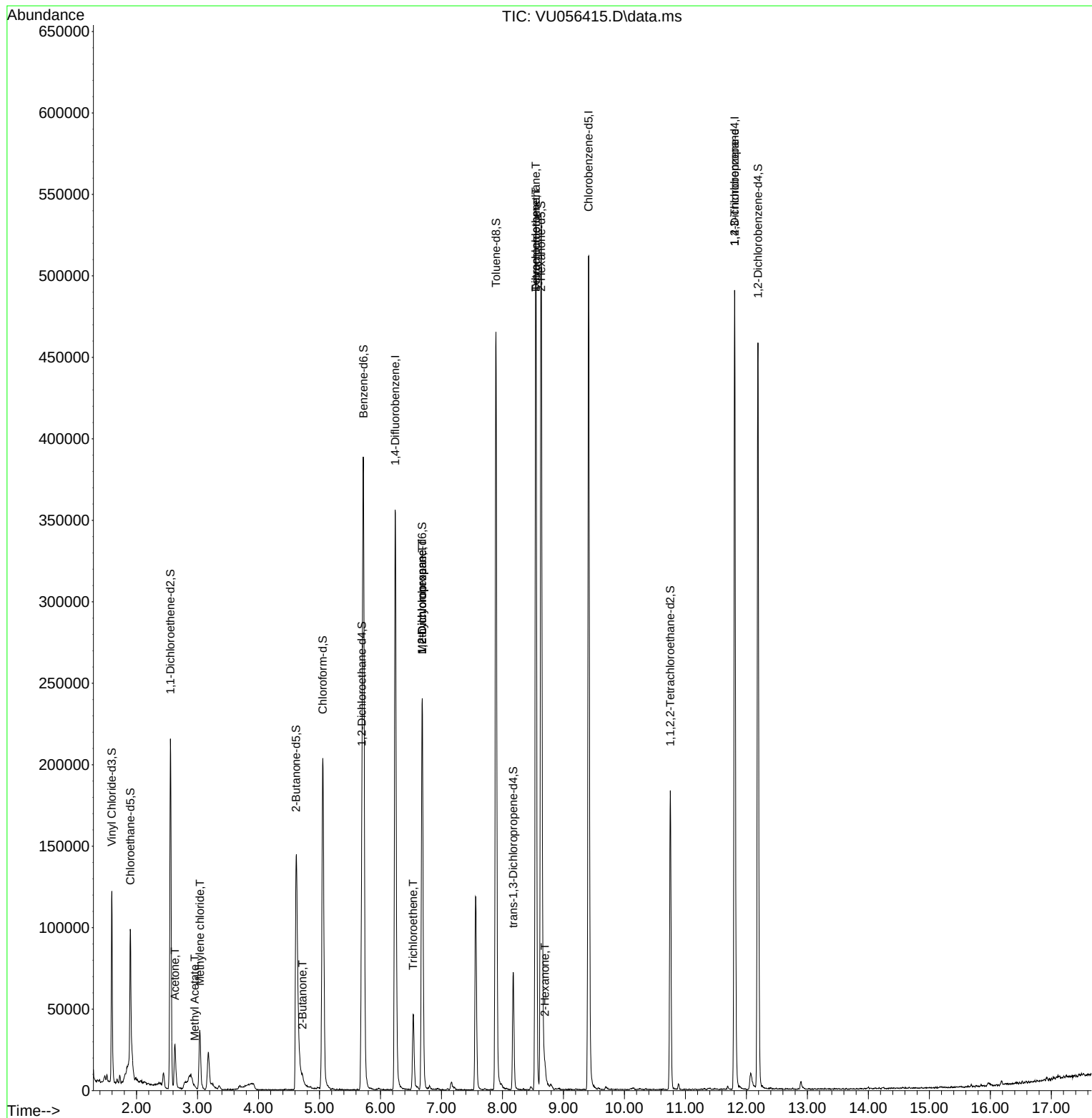
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	291135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	288715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	88550	4.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.898	69	59318	3.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.557	65	41383	4.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.618	46	229298	52.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	5.055	84	192484	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.695	65	97990	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	379550	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.685	67	117251	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	320220	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.177	79	44193	4.445	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.634	63	202025	51.703	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91602	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	117099	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
13) Acetone	2.631	43	34786	9.406	ug/L	100
15) Methyl Acetate	2.952	43	1573	0.239	ug/L #	65
16) Methylene chloride	3.039	84	18092	0.767	ug/L	98
21) 2-Butanone	4.721	43	10328	2.152	ug/L	92
34) Trichloroethene	6.537	95	16535	0.737	ug/L	95
35) Methylcyclohexane	6.685	83	27599	0.852	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13997	0.652	ug/L #	90
47) Tetrachloroethene	8.550	164	115565	7.635	ug/L	98
48) 2-Hexanone	8.695	43	6906	0.832	ug/L #	95
49) Dibromochloromethane	8.550	129	118507	7.284	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	15619	1.400	ug/L #	67

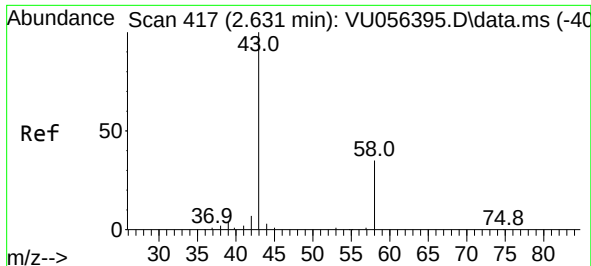
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#13

Acetone

Concen: 9.406 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU056415.D

Acq: 16 Nov 2023 18:22

Instrument :

MSVOA_U

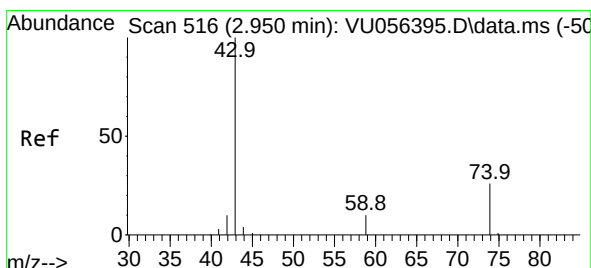
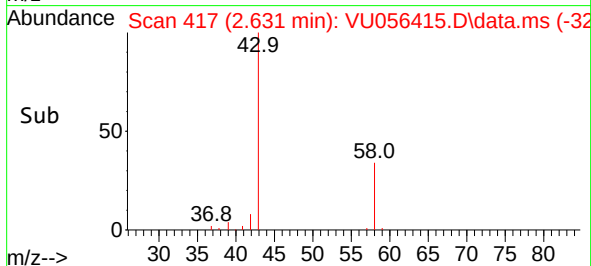
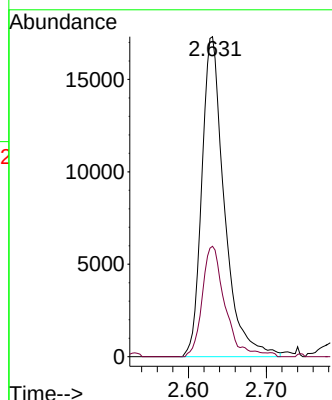
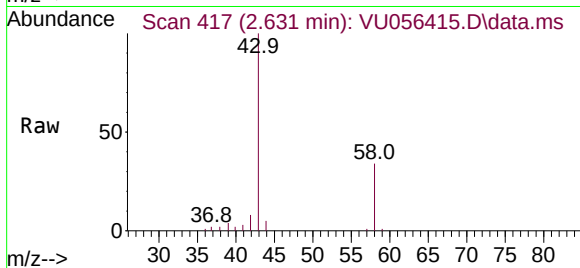
ClientSampleId :

Tgt Ion: 43 Resp: 34786

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.0



#15

Methyl Acetate

Concen: 0.239 ug/L

RT: 2.952 min Scan# 517

Delta R.T. 0.003 min

Lab File: VU056415.D

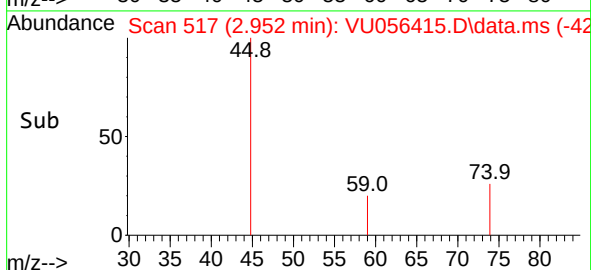
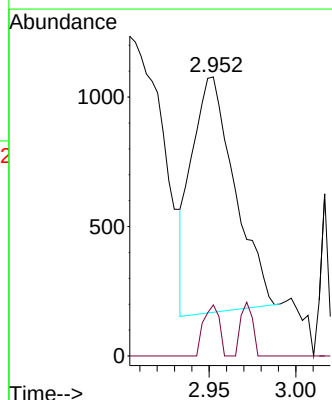
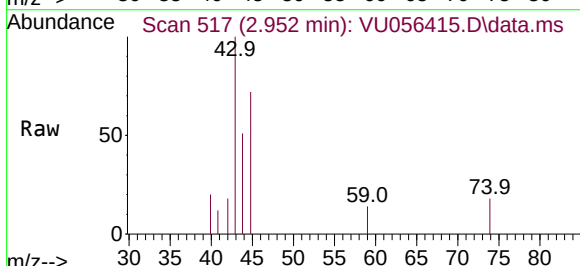
Acq: 16 Nov 2023 18:22

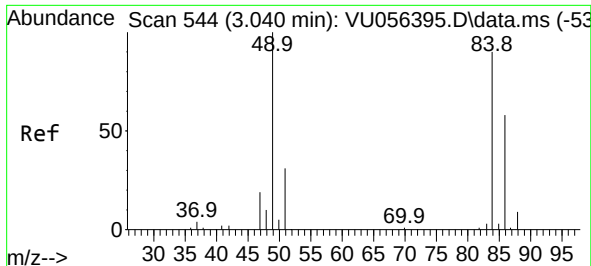
Tgt Ion: 43 Resp: 1573

Ion Ratio Lower Upper

43 100

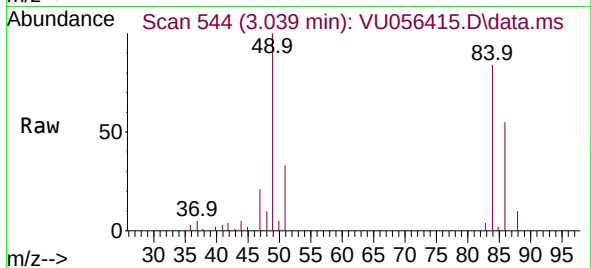
74 7.9 20.6 31.0#



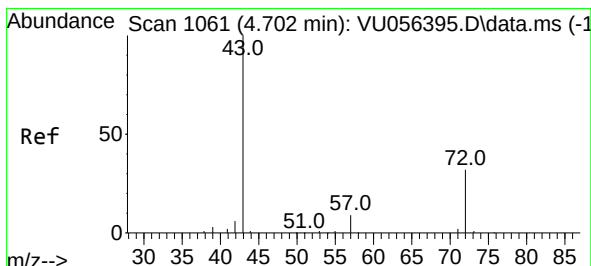
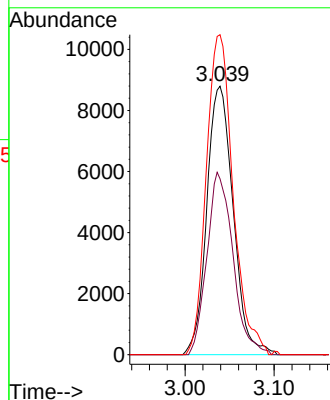
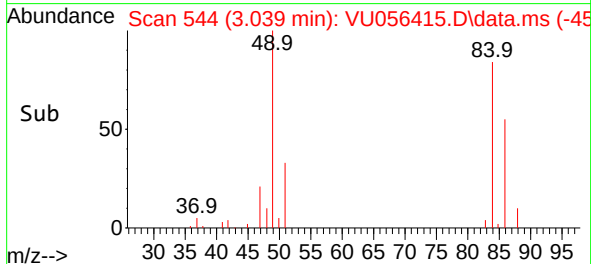


#16
Methylene chloride
Concen: 0.767 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU056415.D
Acq: 16 Nov 2023 18:22

Instrument :
MSVOA_U
ClientSampleId :

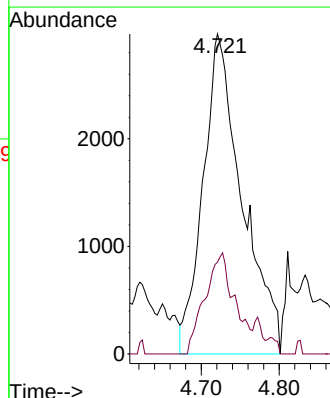
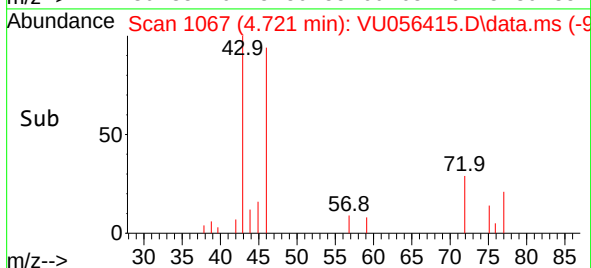
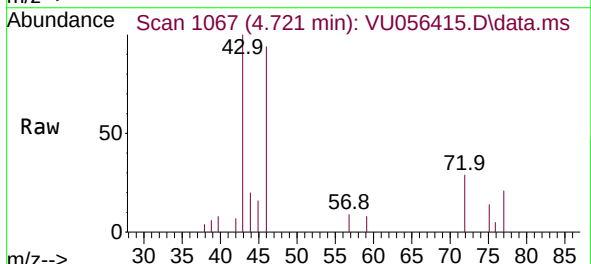


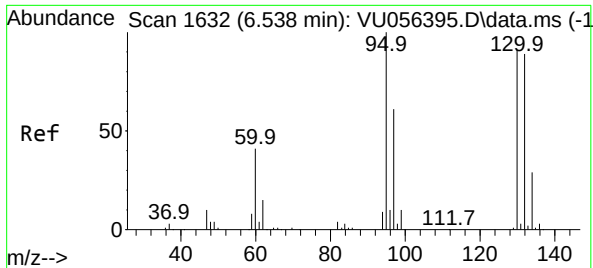
Tgt Ion: 84 Resp: 18092
Ion Ratio Lower Upper
84 100
86 65.5 44.7 83.1
49 119.2 81.8 152.0



#21
2-Butanone
Concen: 2.152 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VU056415.D
Acq: 16 Nov 2023 18:22

Tgt Ion: 43 Resp: 10328
Ion Ratio Lower Upper
43 100
72 24.4 14.2 42.6

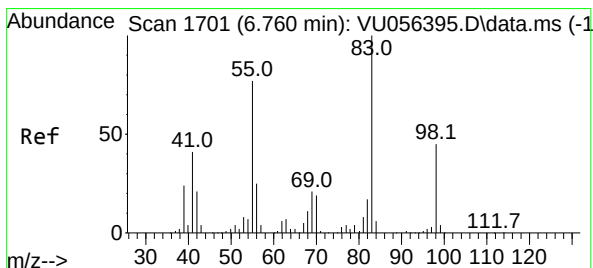
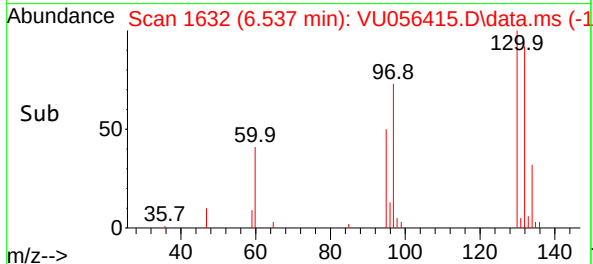
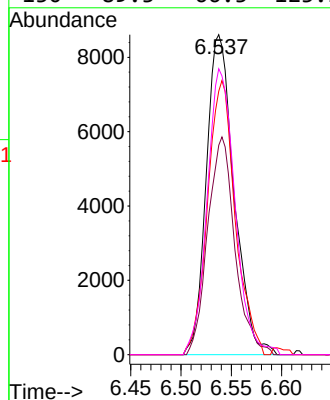
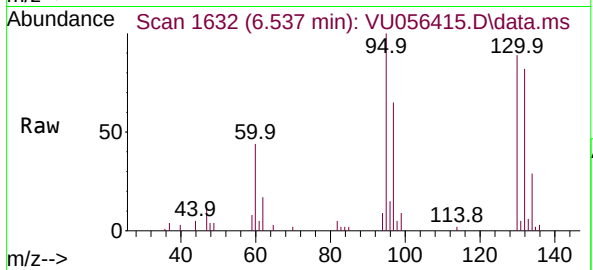




#34
Trichloroethene
Concen: 0.737 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU056415.D
Acq: 16 Nov 2023 18:22

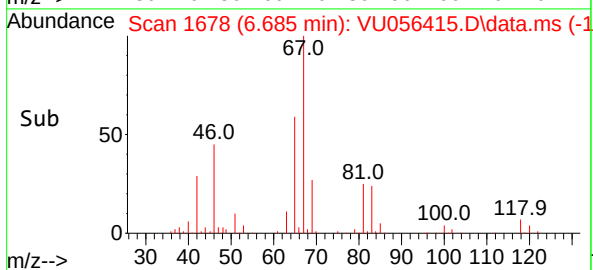
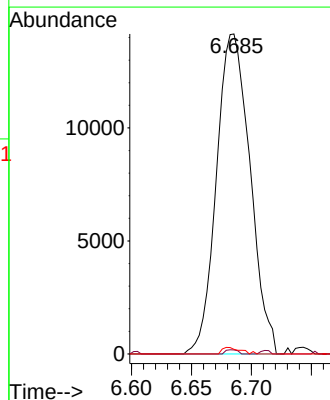
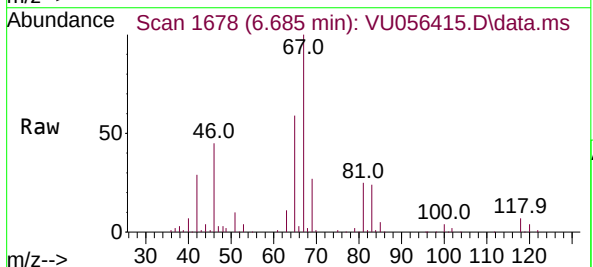
Instrument :
MSVOA_U
ClientSampleId :

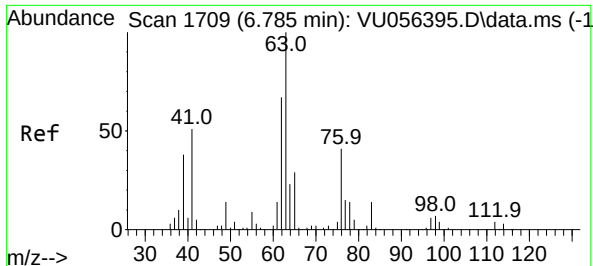
Tgt Ion:	95	Resp:	16535
Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.5	86.3
132	82.4	62.0	115.2
130	89.3	66.3	123.1



#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056415.D
Acq: 16 Nov 2023 18:22

Tgt Ion:	83	Resp:	27599
Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.9	94.3#
98	1.1	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.652 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056415.D

Acq: 16 Nov 2023 18:22

Instrument :

MSVOA_U

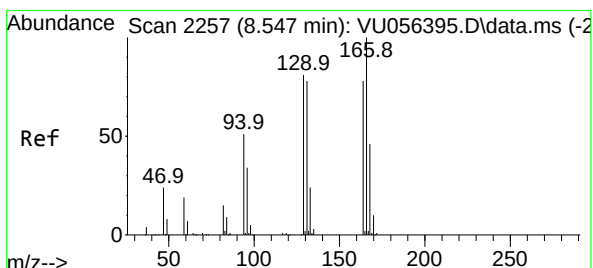
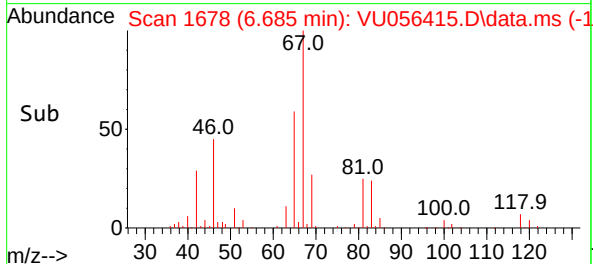
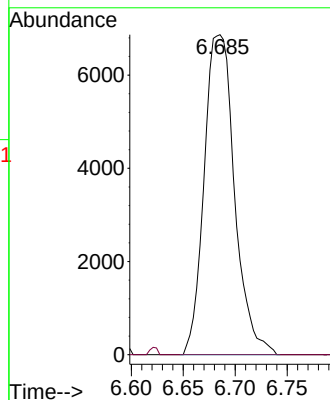
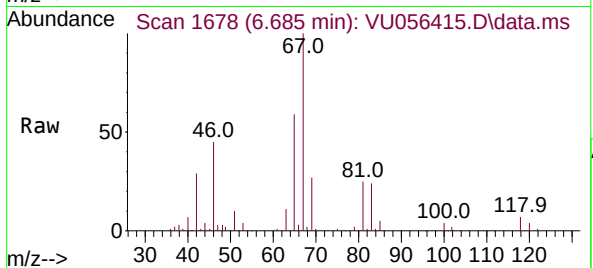
ClientSampleId :

Tgt Ion: 63 Resp: 13997

Ion Ratio Lower Upper

63 100

112 0.6 3.2 4.8#



#47

Tetrachloroethene

Concen: 7.635 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU056415.D

Acq: 16 Nov 2023 18:22

Tgt Ion:164 Resp: 115565

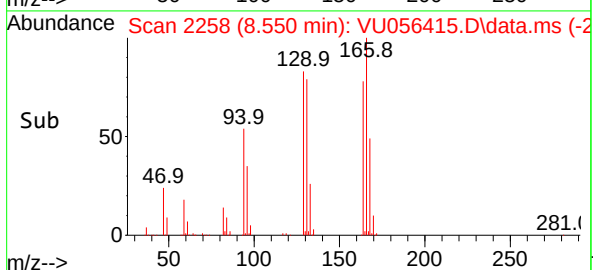
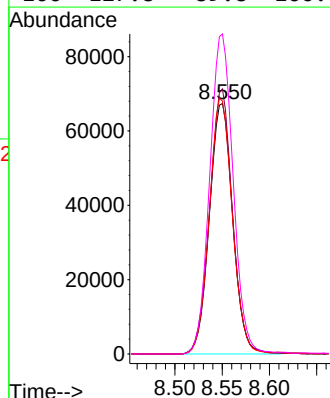
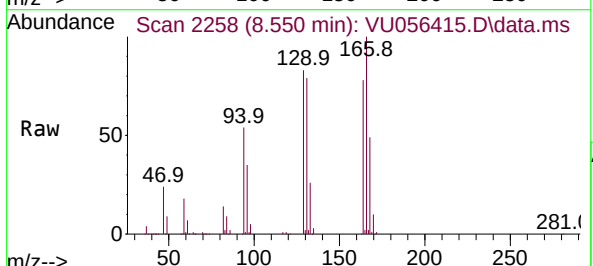
Ion Ratio Lower Upper

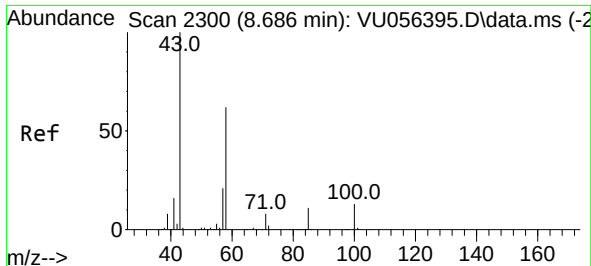
164 100

129 105.9 71.0 131.9

131 101.0 70.3 130.7

166 127.8 89.8 166.8

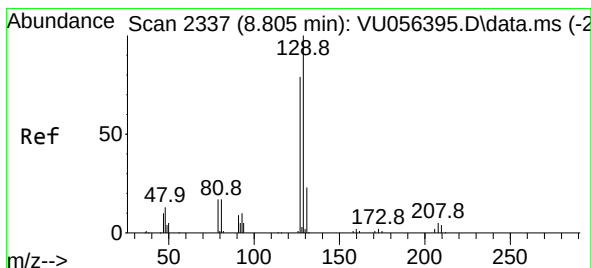
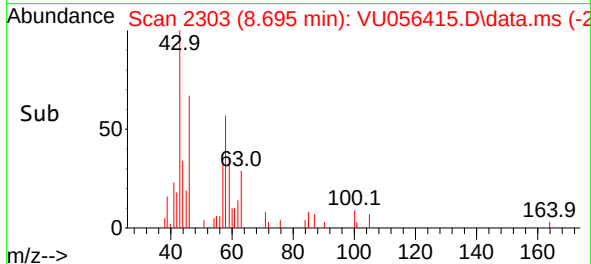
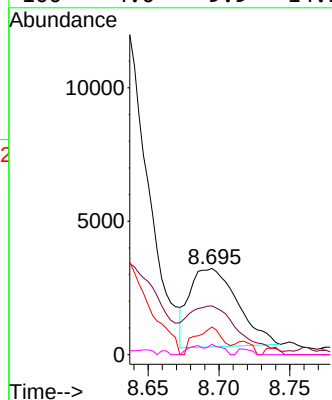
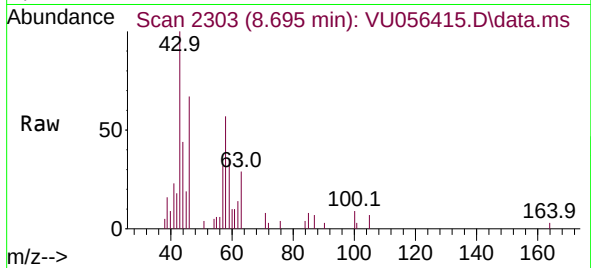




#48
2-Hexanone
Concen: 0.832 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU056415.D
Acq: 16 Nov 2023 18:22

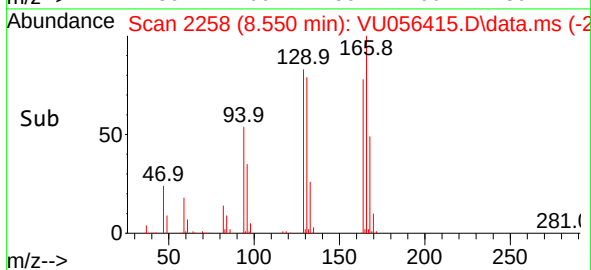
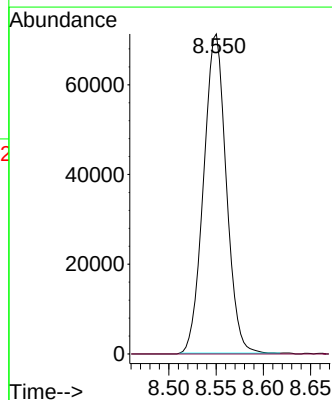
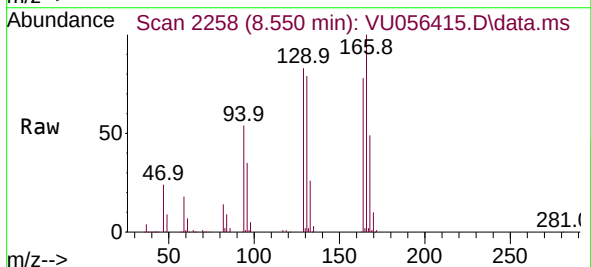
Instrument :
MSVOA_U
ClientSampleId :

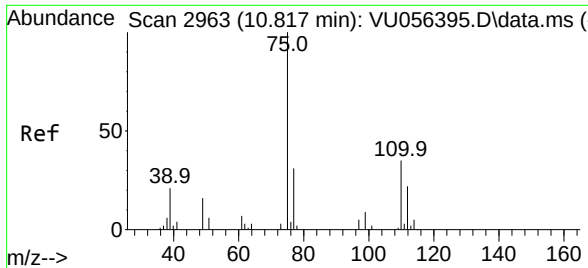
Tgt Ion: 43 Resp: 6906
Ion Ratio Lower Upper
43 100
58 62.5 48.7 73.1
57 19.8 16.8 25.2
100 4.0 9.9 14.9#



#49
Dibromochloromethane
Concen: 7.284 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056415.D
Acq: 16 Nov 2023 18:22

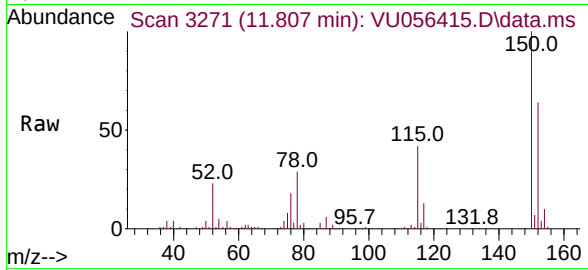
Tgt Ion: 129 Resp: 118507
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
1,2,3-Trichloropropane
Concen: 1.400 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056415.D
Acq: 16 Nov 2023 18:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 15619
Ion Ratio Lower Upper
75 100
110 2.5 30.4 45.6#
77 36.3 27.0 40.6

