

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056360.D
 Acq On : 15 Nov 2023 17:15
 Operator : MD/SY
 Sample : 05339-10DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:40:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

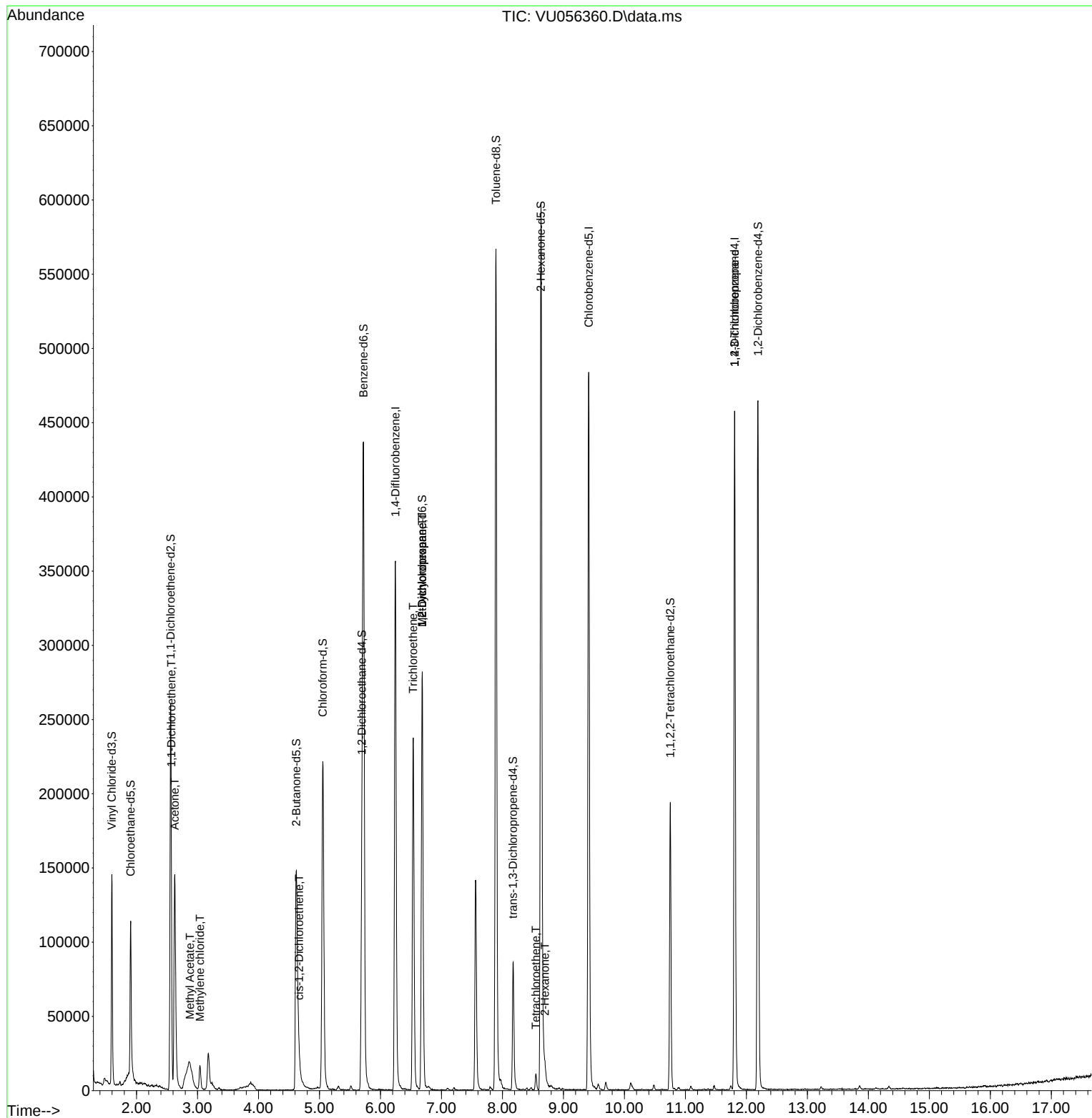
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	291593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	282716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	102294	4.690	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.904	69	75317	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	48573	5.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.621	46	235980	54.261	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.520%
24) Chloroform-d	5.055	84	209704	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	106735	5.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.721	84	422723	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.685	67	137144	5.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.894	98	390811	5.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	8.174	79	51845	5.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.631	63	218039	56.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.980%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94818	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	122584	5.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	3291	0.184	ug/L #	1
13) Acetone	2.628	43	184012	49.679	ug/L	99
15) Methyl Acetate	2.878	43	1380	0.209	ug/L #	49
16) Methylene chloride	3.039	84	7721	0.327	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	2771	0.133	ug/L	79
34) Trichloroethene	6.537	95	86919	3.955	ug/L	95
35) Methylcyclohexane	6.685	83	32015	1.009	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	14780	0.703	ug/L #	88
47) Tetrachloroethene	8.547	164	2239	0.151	ug/L	84
48) 2-Hexanone	8.695	43	9190	1.131	ug/L #	91
61) 1,2,3-Trichloropropane	11.807	75	15417	1.501	ug/L #	68

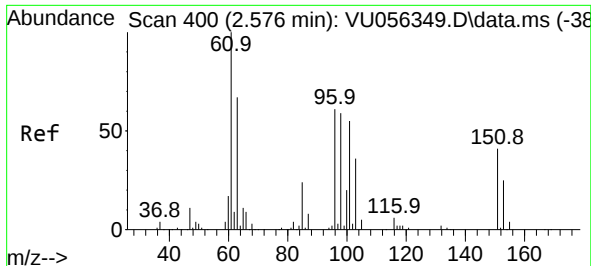
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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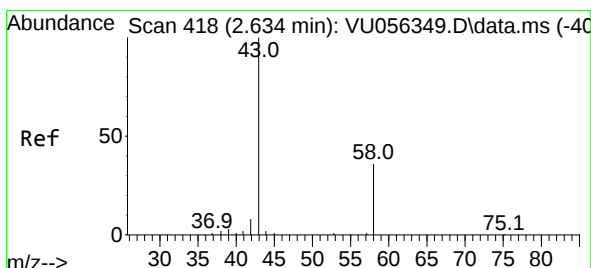
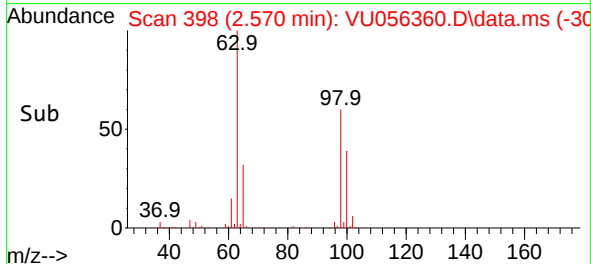
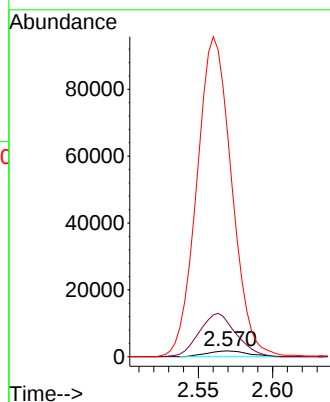
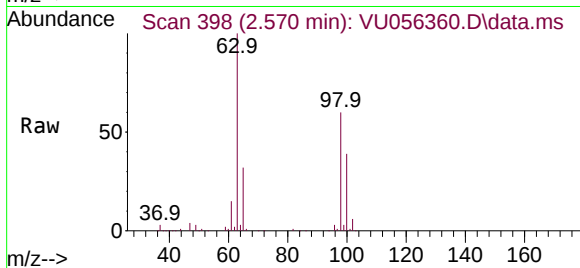




#12
1,1-Dichloroethene
Concen: 0.184 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU056360.D
Acq: 15 Nov 2023 17:15

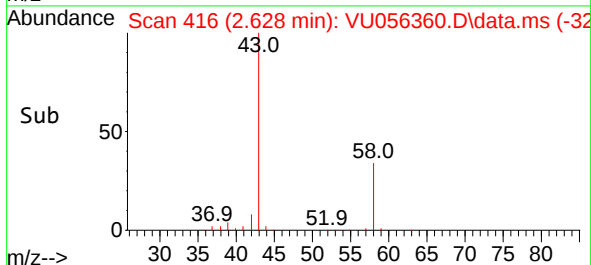
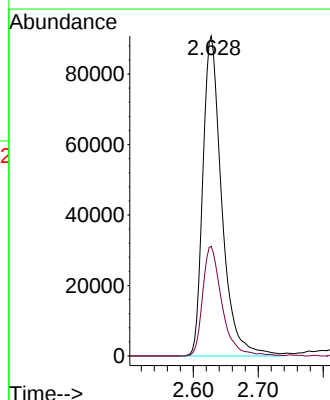
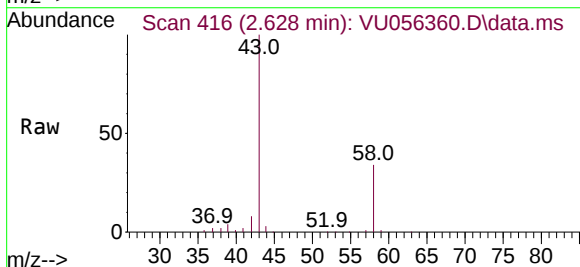
Instrument :
MSVOA_U
ClientSampleId :

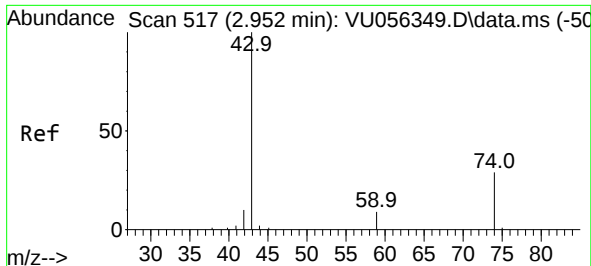
Tgt Ion: 96 Resp: 3291
Ion Ratio Lower Upper
96 100
61 428.5 123.1 228.7#
63 2781.7 93.3 173.3#



#13
Acetone
Concen: 49.679 ug/L
RT: 2.628 min Scan# 416
Delta R.T. -0.006 min
Lab File: VU056360.D
Acq: 15 Nov 2023 17:15

Tgt Ion: 43 Resp: 184012
Ion Ratio Lower Upper
43 100
58 34.5 0.0 70.0

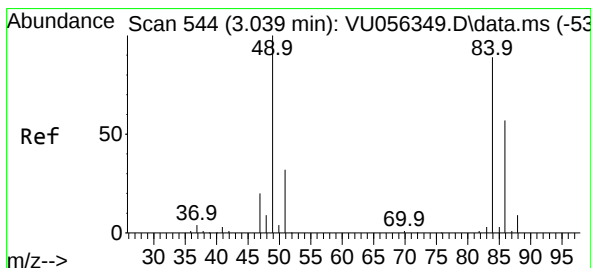
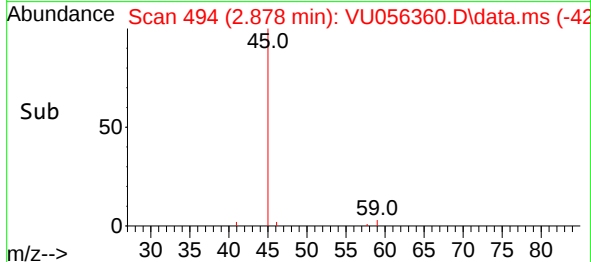
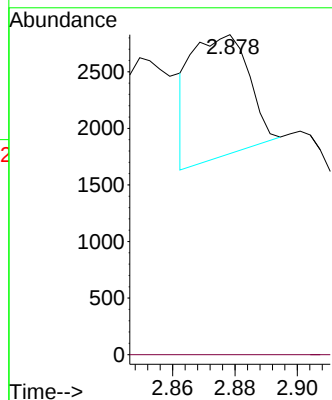
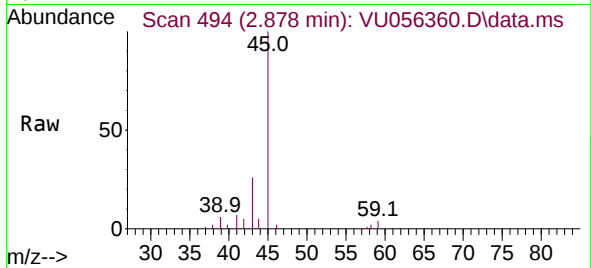




#15
Methyl Acetate
Concen: 0.209 ug/L
RT: 2.878 min Scan# 494
Delta R.T. -0.074 min
Lab File: VU056360.D
Acq: 15 Nov 2023 17:15

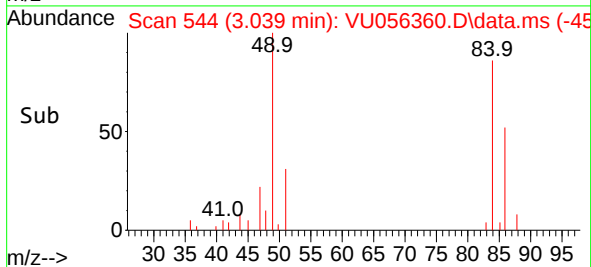
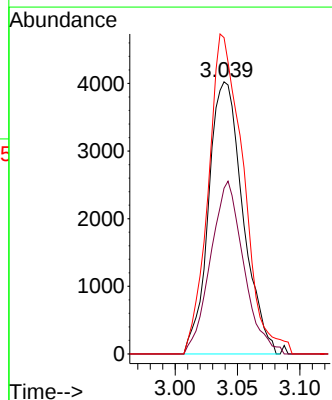
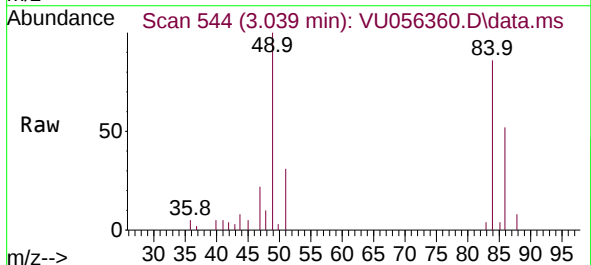
Instrument :
MSVOA_U
ClientSampleId :

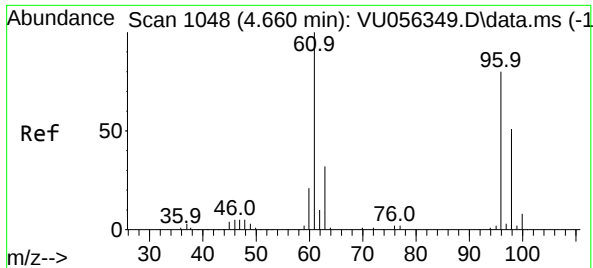
Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#16
Methylene chloride
Concen: 0.327 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056360.D
Acq: 15 Nov 2023 17:15

Tgt Ion: 84 Resp: 7721
Ion Ratio Lower Upper
84 100
86 60.9 44.7 83.1
49 120.2 81.8 152.0

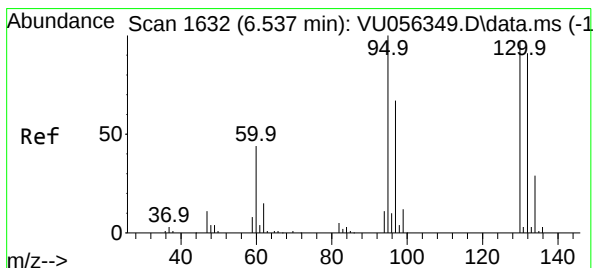
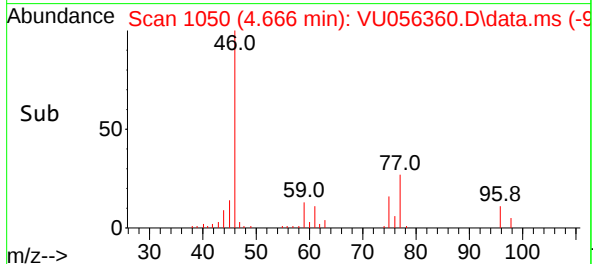
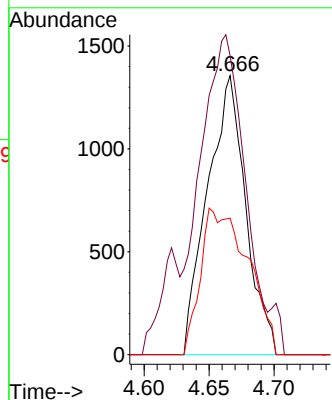
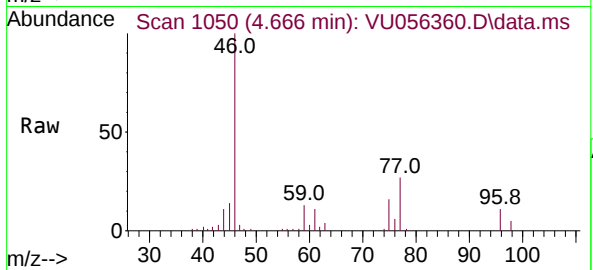




#22
 cis-1,2-Dichloroethene
 Concen: 0.133 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.007 min
 Lab File: VU056360.D
 Acq: 15 Nov 2023 17:15

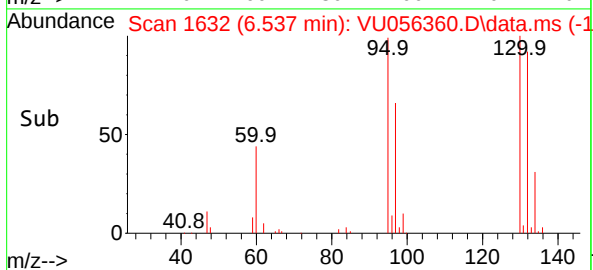
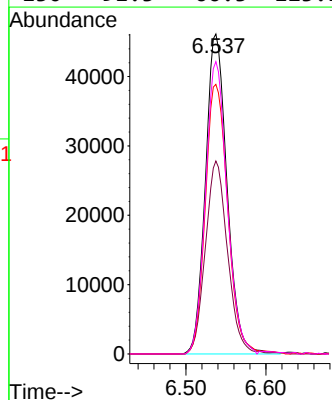
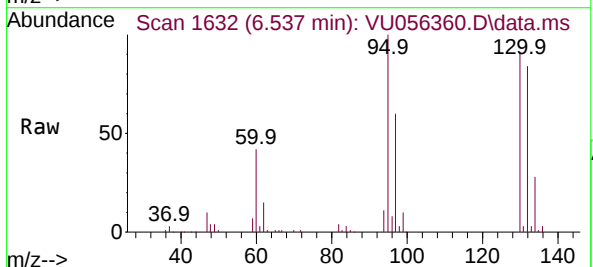
Instrument :
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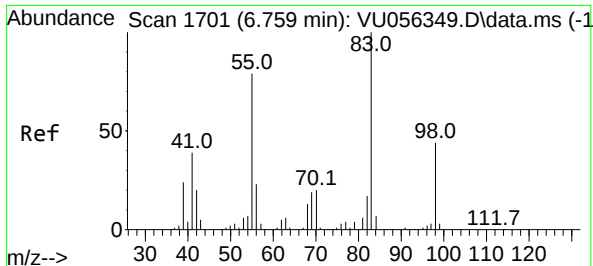
Tgt Ion: 96 Resp: 2771
 Ion Ratio Lower Upper
 96 100
 61 107.1 93.2 173.2
 98 48.9 44.8 83.2



#34
 Trichloroethene
 Concen: 3.955 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056360.D
 Acq: 15 Nov 2023 17:15

Tgt Ion: 95 Resp: 86919
 Ion Ratio Lower Upper
 95 100
 97 60.3 46.5 86.3
 132 84.3 62.0 115.2
 130 91.3 66.3 123.1

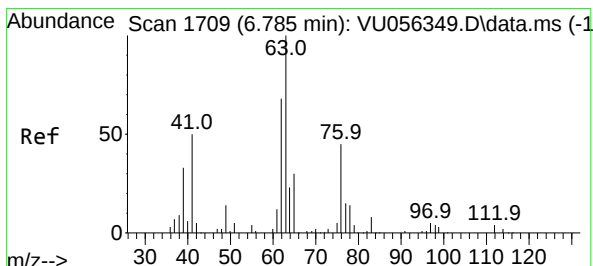
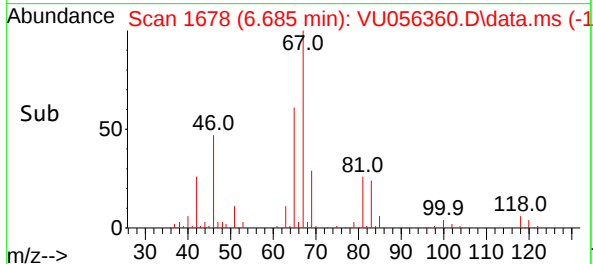
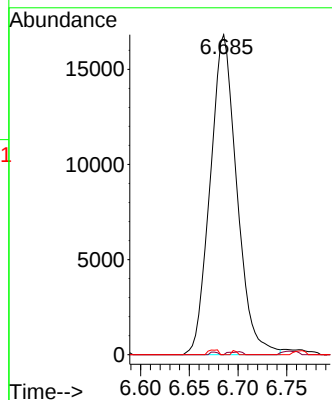
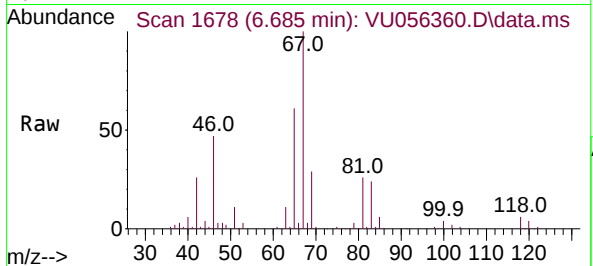




#35
Methylcyclohexane
Concen: 1.009 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056360.D
Acq: 15 Nov 2023 17:15

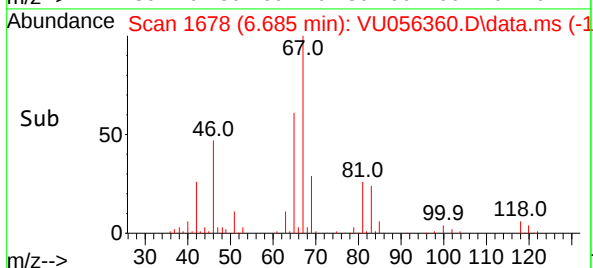
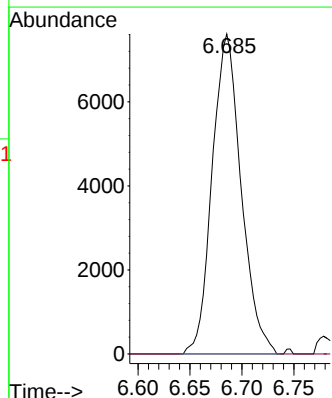
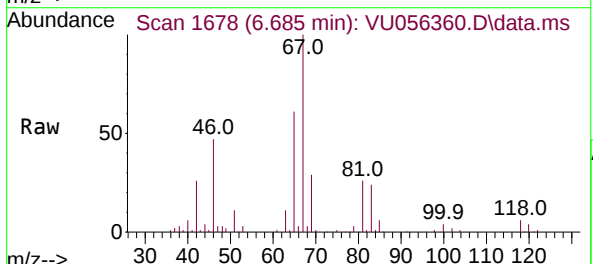
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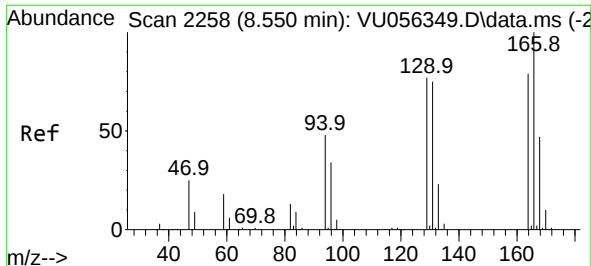
Tgt Ion: 83 Resp: 32015
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.5 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056360.D
Acq: 15 Nov 2023 17:15

Tgt Ion: 63 Resp: 14780
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.151 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

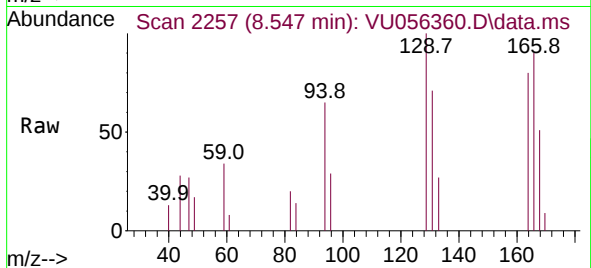
Lab File: VU056360.D

Acq: 15 Nov 2023 17:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2239

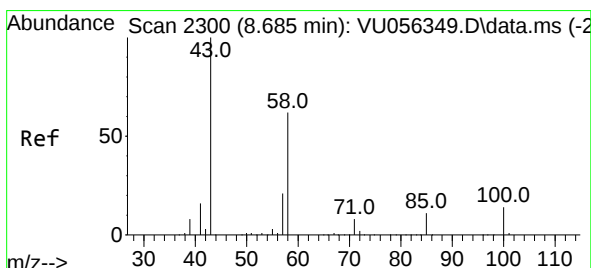
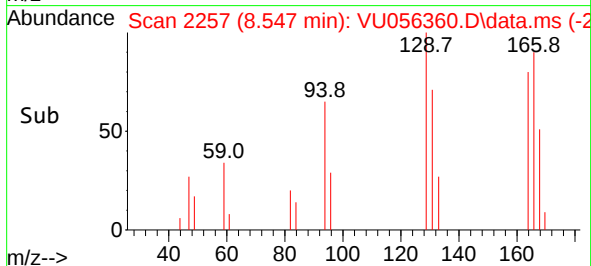
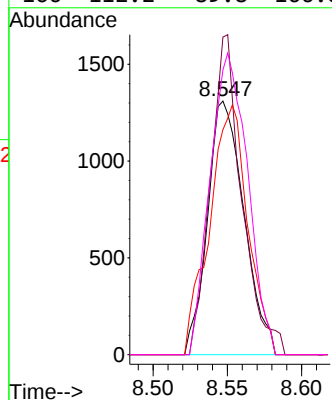
Ion Ratio Lower Upper

164 100

129 125.3 71.0 131.9

131 88.7 70.3 130.7

166 112.2 89.8 166.8



#48

2-Hexanone

Concen: 1.131 ug/L

RT: 8.695 min Scan# 2303

Delta R.T. 0.010 min

Lab File: VU056360.D

Acq: 15 Nov 2023 17:15

Tgt Ion: 43 Resp: 9190

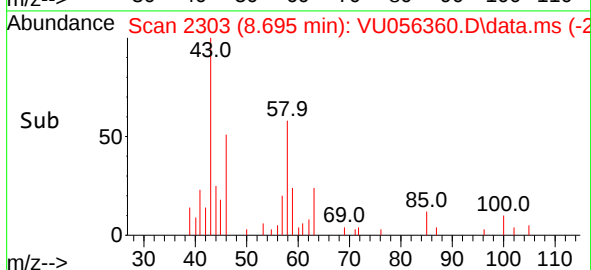
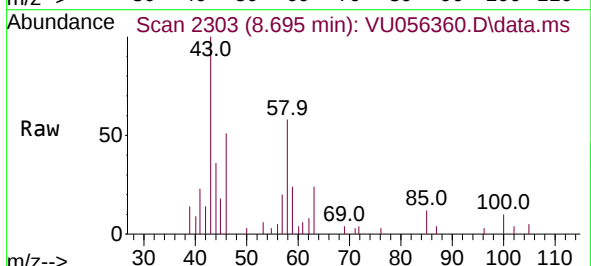
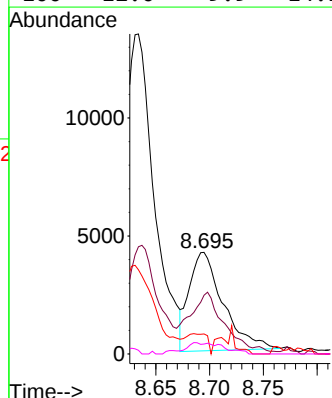
Ion Ratio Lower Upper

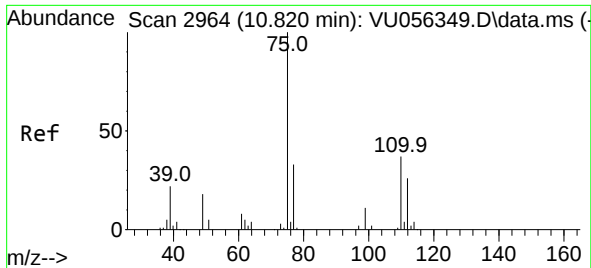
43 100

58 54.6 48.7 73.1

57 13.4 16.8 25.2#

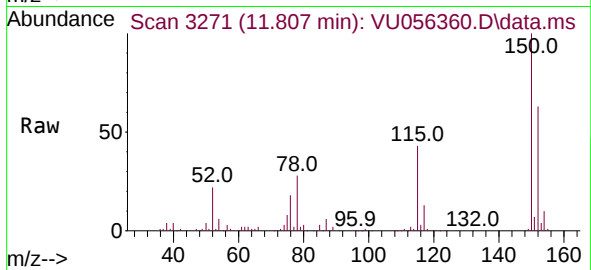
100 12.0 9.9 14.9





#61
 1,2,3-Trichloropropane
 Concen: 1.501 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056360.D
 Acq: 15 Nov 2023 17:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 15417
 Ion Ratio Lower Upper
 75 100
 110 2.9 30.4 45.6#
 77 31.9 27.0 40.6

