

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060358.D
 Acq On : 08 Aug 2024 16:08
 Operator : MD/SY
 Sample : P3401-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 00:03:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:46:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	113122	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	115733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41777	4.705	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.911	69	38917	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	17558	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.628	46	100491	53.326	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	5.055	84	84999	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	40522	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	171614	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.682	67	56377	5.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.894	98	150141	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.177	79	17549	5.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.628	63	77732	50.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	44314	4.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	56192	5.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	992	0.131	ug/L	85
5) Vinyl chloride	1.602	62	63883	7.188	ug/L	98
12) 1,1-Dichloroethene	2.573	96	7542	1.011	ug/L #	1
13) Acetone	2.451	43	277336	215.517	ug/L	36
14) Carbon disulfide	2.789	76	2566	0.136	ug/L #	75
15) Methyl Acetate	2.856	43	836580	313.766	ug/L #	48
16) Methylene chloride	3.043	84	1640	0.155	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	24470	3.344	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	1229651	139.206	ug/L	98
25) Chloroform	5.078	83	5196	0.316	ug/L	98
27) 1,2-Dichloroethane	5.795	62	3490	0.399	ug/L	96
30) Cyclohexane	5.383	56	596	0.058	ug/L #	57
33) Benzene	5.769	78	11278	0.338	ug/L	100
34) Trichloroethene	6.534	95	1204514	138.098	ug/L	99
37) 1,2-Dichloropropane	6.682	63	5535	0.610	ug/L #	88
42) Toluene	7.965	91	11382	0.323	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.766	75	208	0.219	ug/L #	1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 08 23:46:27 2024
Response via : Initial Calibration

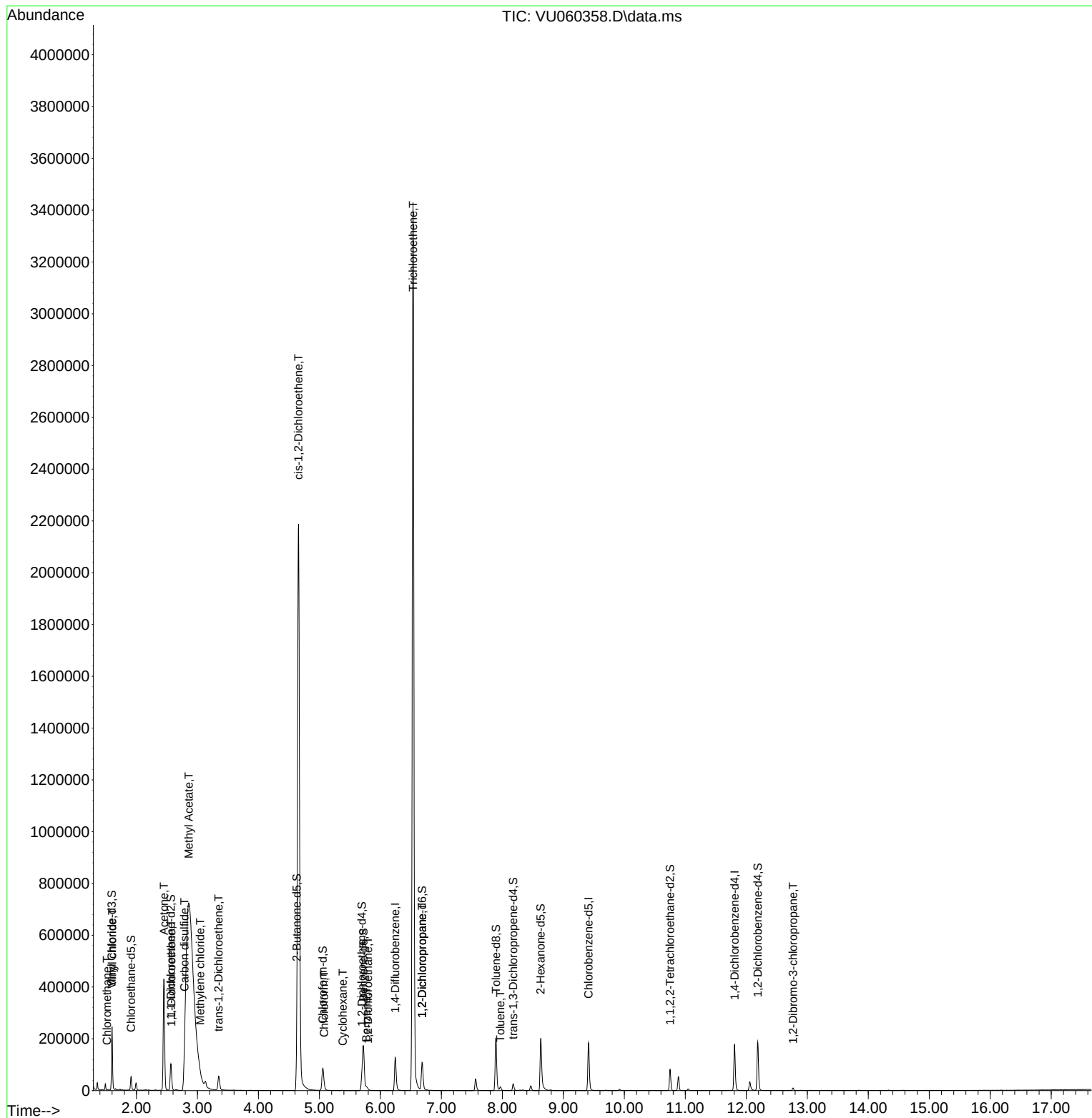
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

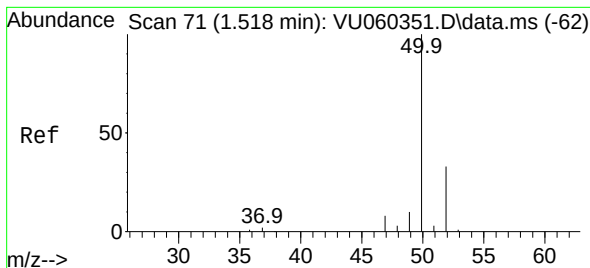
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#3

Chloromethane

Concen: 0.131 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

Instrument :

MSVOA_U

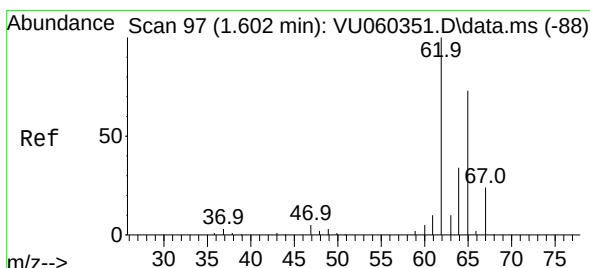
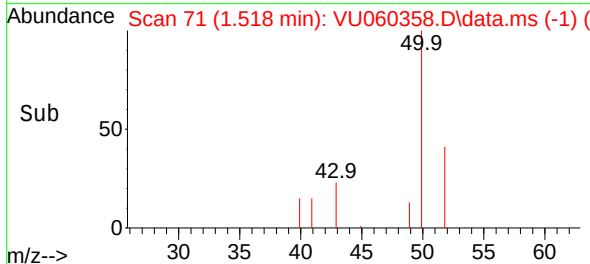
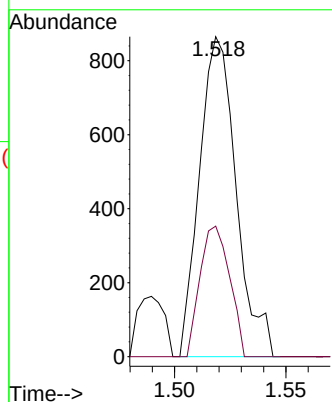
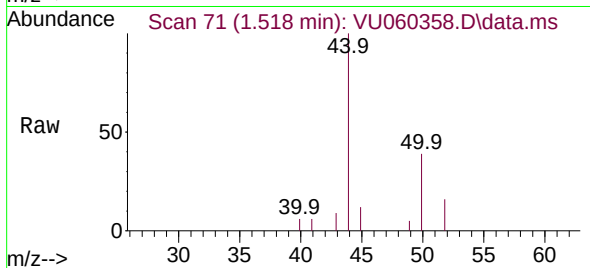
ClientSampleId :

Tgt Ion: 50 Resp: 992

Ion Ratio Lower Upper

50 100

52 40.8 22.8 42.4



#5

Vinyl chloride

Concen: 7.188 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU060358.D

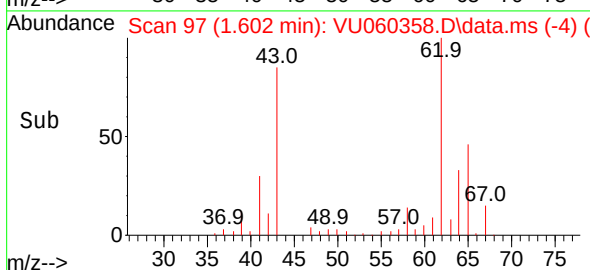
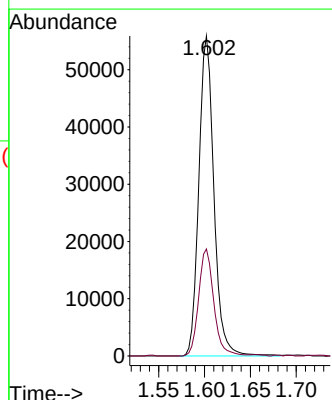
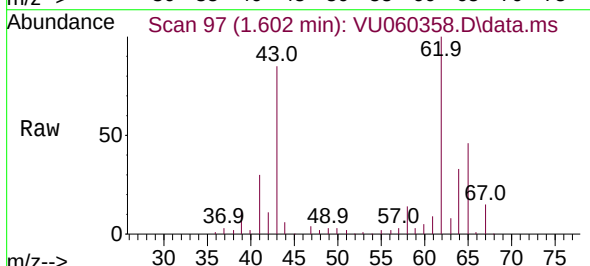
Acq: 08 Aug 2024 16:08

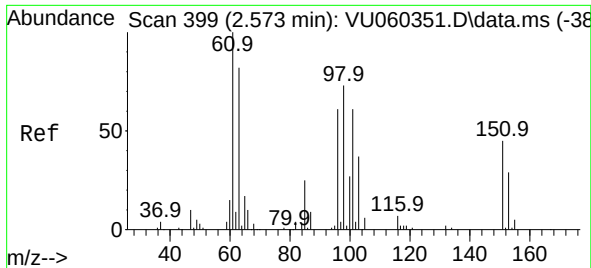
Tgt Ion: 62 Resp: 63883

Ion Ratio Lower Upper

62 100

64 33.4 24.1 44.7

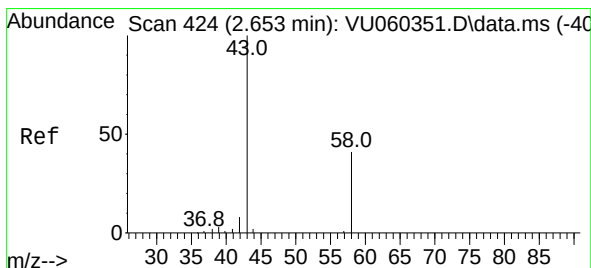
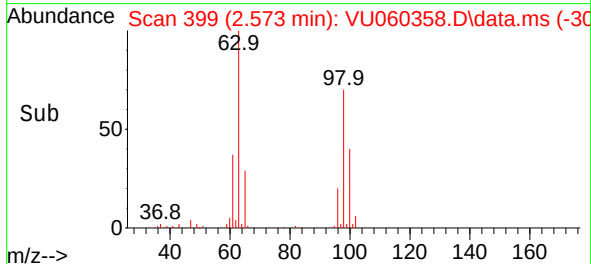
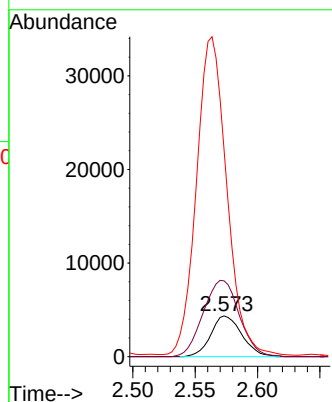
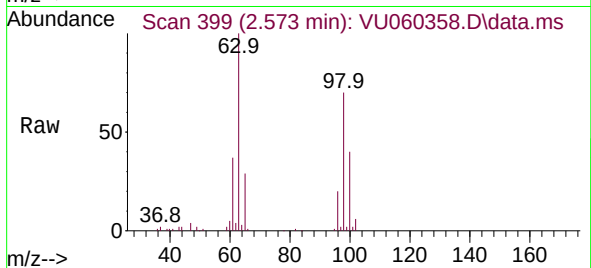




#12
1,1-Dichloroethene
Concen: 1.011 ug/L
RT: 2.573 min Scan# 30
Delta R.T. 0.000 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

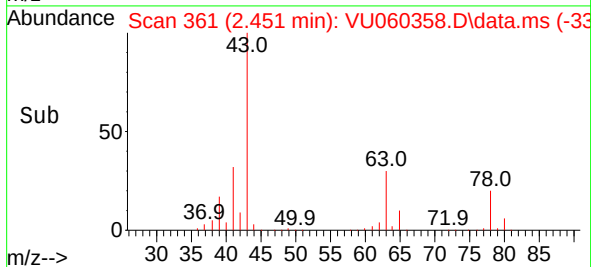
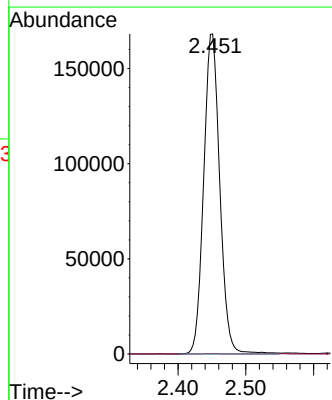
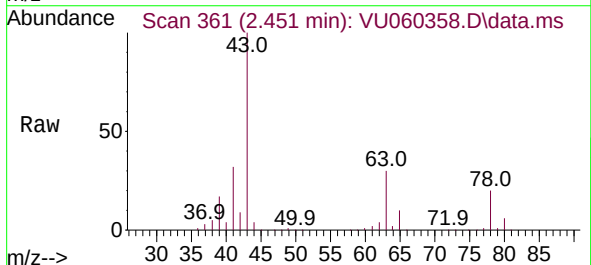
Instrument :
MSVOA_U
ClientSampleId :

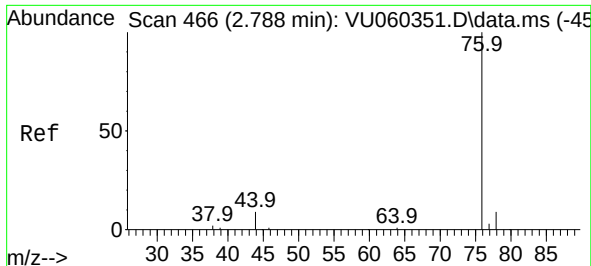
Tgt Ion: 96 Resp: 7542
Ion Ratio Lower Upper
96 100
61 186.1 114.4 212.4
63 507.7 96.0 178.4#



#13
Acetone
Concen: 215.517 ug/L
RT: 2.451 min Scan# 361
Delta R.T. -0.202 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

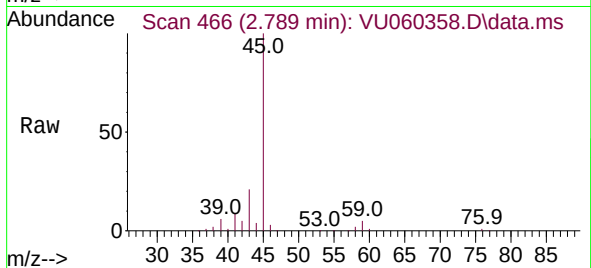
Tgt Ion: 43 Resp: 277336
Ion Ratio Lower Upper
43 100
58 0.2 0.0 78.8



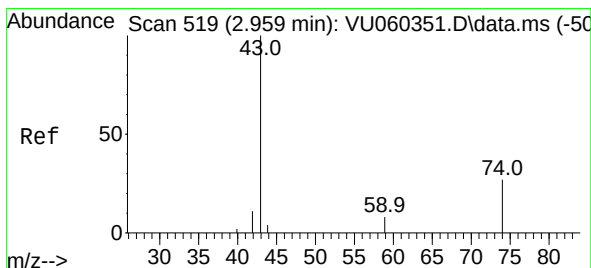
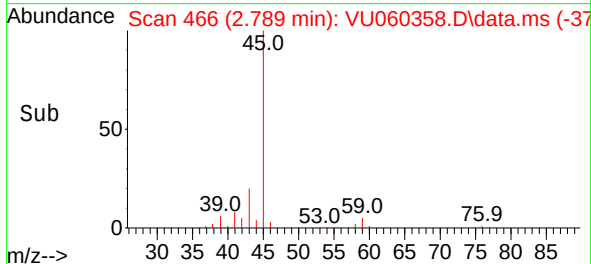
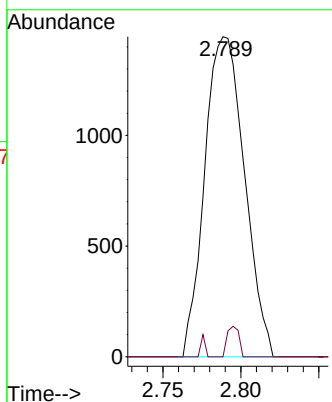


#14
Carbon disulfide
Concen: 0.136 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

Instrument :
MSVOA_U
ClientSampleId :

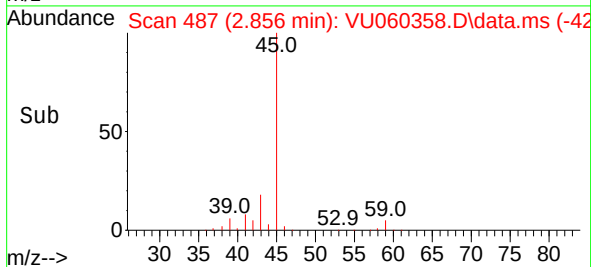
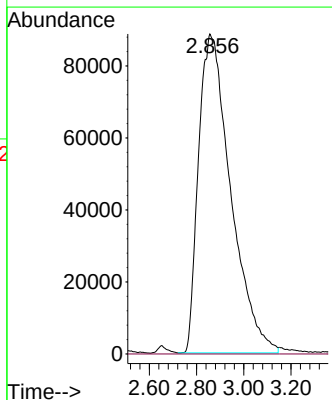
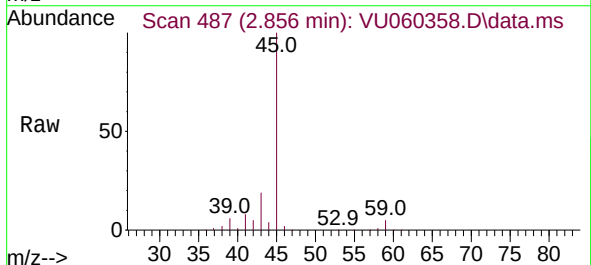


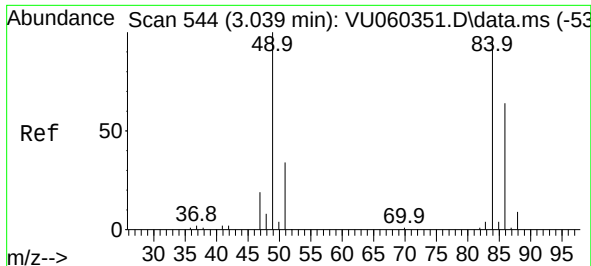
Tgt Ion: 76 Resp: 2566
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#15
Methyl Acetate
Concen: 313.766 ug/L
RT: 2.856 min Scan# 487
Delta R.T. -0.103 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

Tgt Ion: 43 Resp: 836580
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#

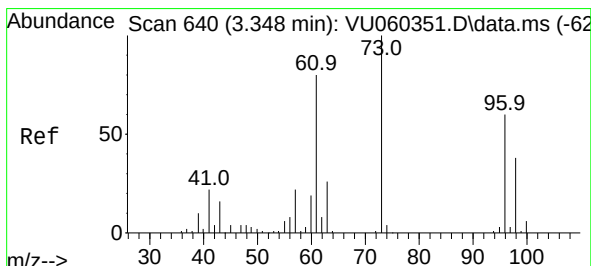
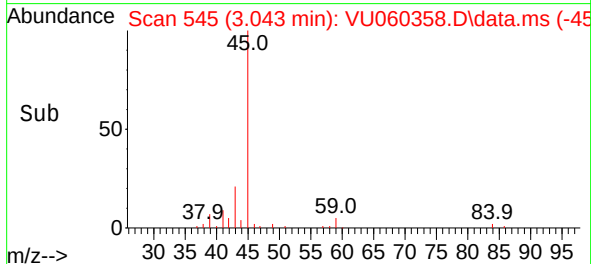
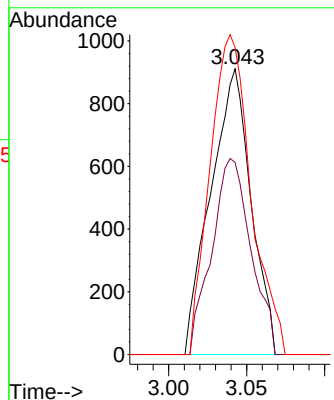
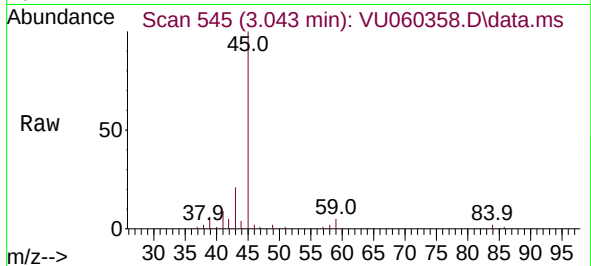




#16
Methylene chloride
Concen: 0.155 ug/L
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

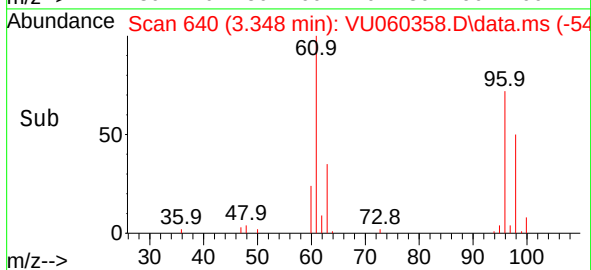
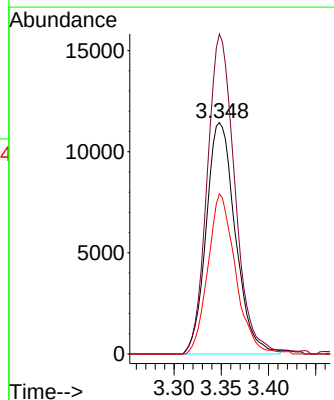
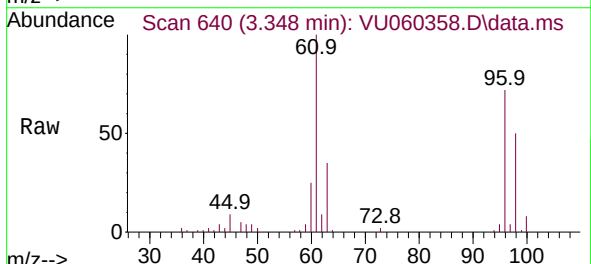
Instrument :
MSVOA_U
ClientSampleId :

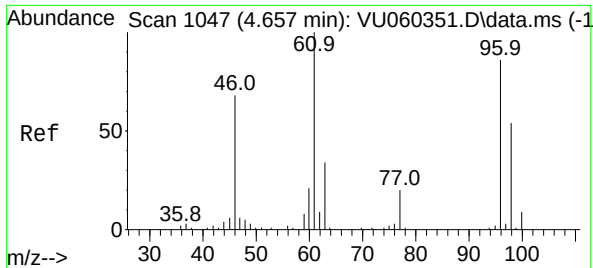
Tgt Ion: 84 Resp: 1640
Ion Ratio Lower Upper
84 100
86 67.3 47.1 87.5
49 107.5 73.9 137.3



#18
trans-1,2-Dichloroethene
Concen: 3.344 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

Tgt Ion: 96 Resp: 24470
Ion Ratio Lower Upper
96 100
61 138.3 93.7 174.1
98 69.2 44.7 82.9



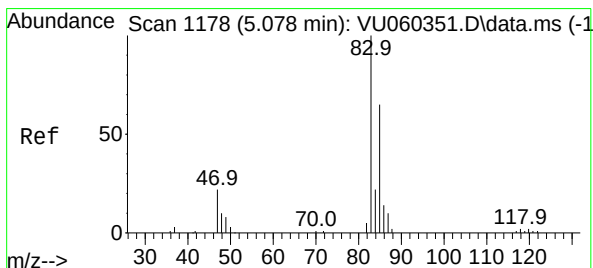
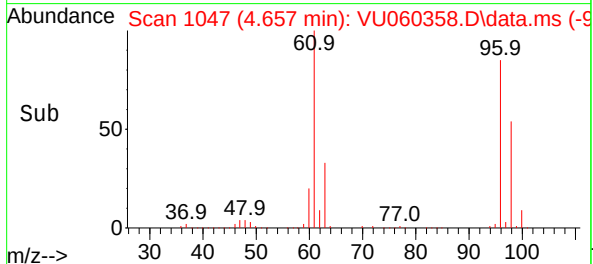
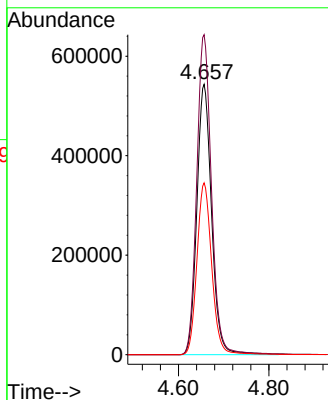
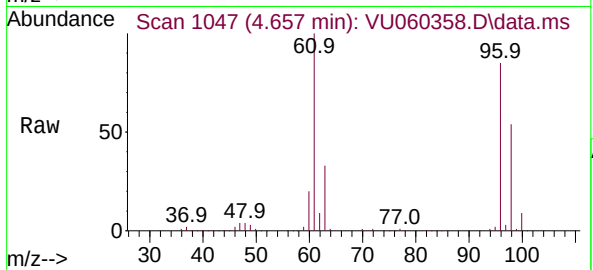


#22
 cis-1,2-Dichloroethene
 Concen: 139.206 ug/L
 RT: 4.657 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VU060358.D
 Acq: 08 Aug 2024 16:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 1229651

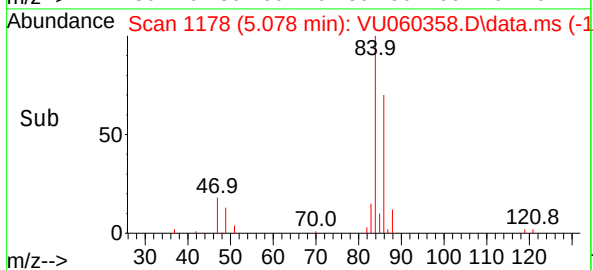
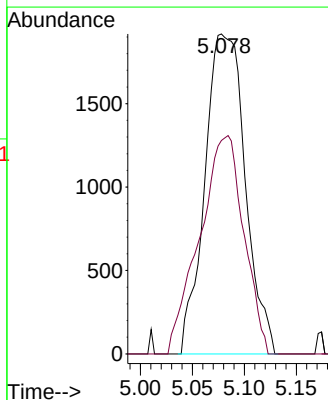
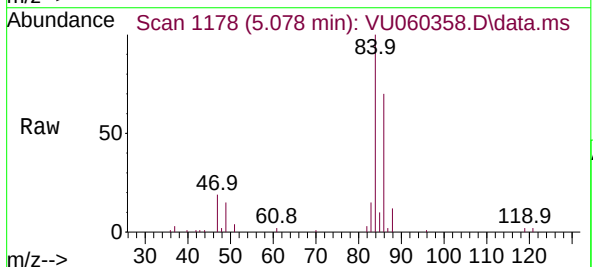
Ion	Ratio	Lower	Upper
96	100		
61	118.3	81.5	151.5
98	63.5	43.5	80.7

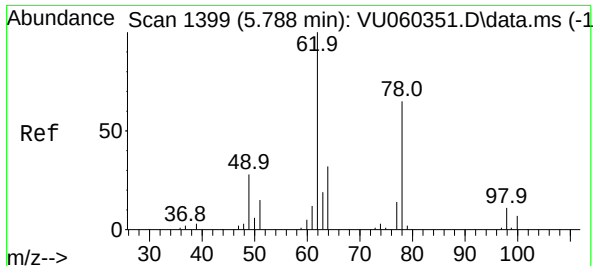


#25
 Chloroform
 Concen: 0.316 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: VU060358.D
 Acq: 08 Aug 2024 16:08

Tgt Ion: 83 Resp: 5196

Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.6	84.6

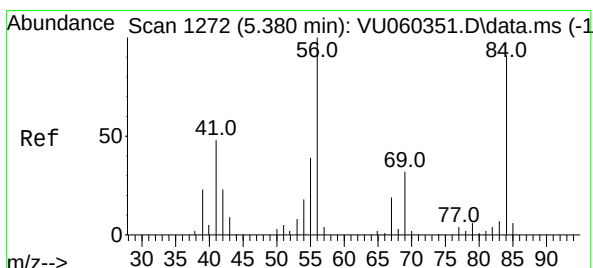
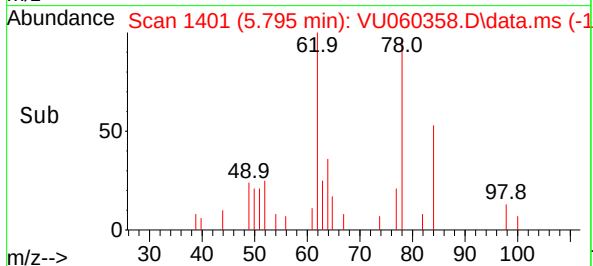
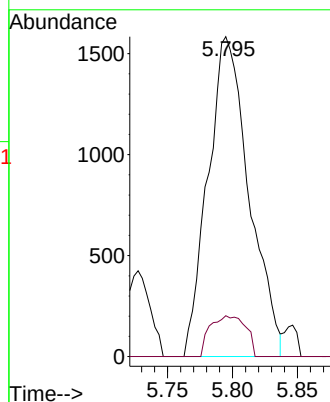
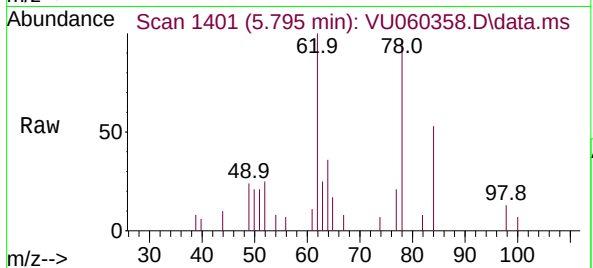




#27
1,2-Dichloroethane
Concen: 0.399 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.007 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

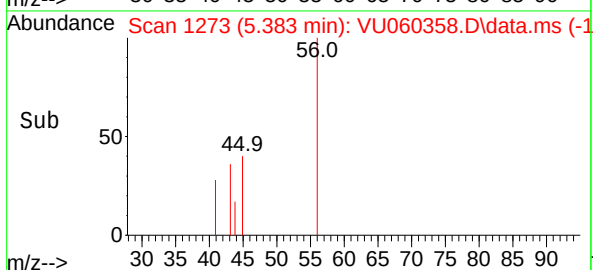
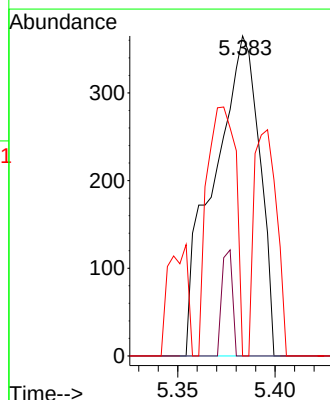
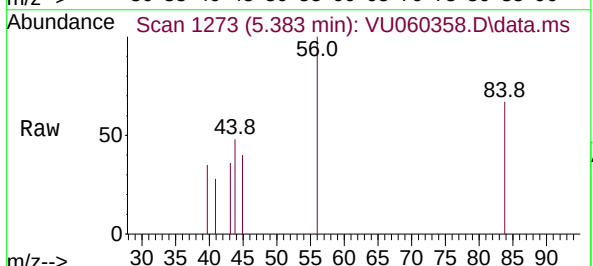
Instrument :
MSVOA_U
ClientSampleId :

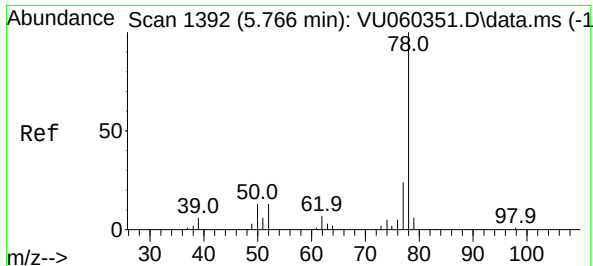
Tgt Ion: 62 Resp: 3490
Ion Ratio Lower Upper
62 100
98 12.8 9.0 13.6



#30
Cyclohexane
Concen: 0.058 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

Tgt Ion: 56 Resp: 596
Ion Ratio Lower Upper
56 100
69 7.6 24.7 37.1#
84 48.3 70.7 106.1#





#33

Benzene

Concen: 0.338 ug/L

RT: 5.769 min Scan# 1392

Delta R.T. 0.003 min

Lab File: VU060358.D

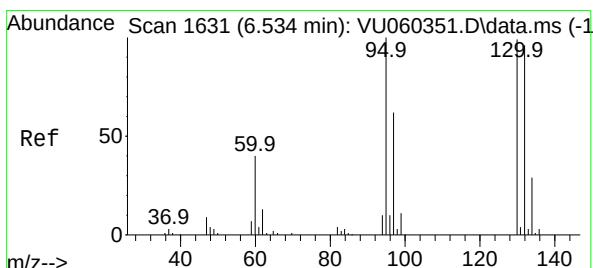
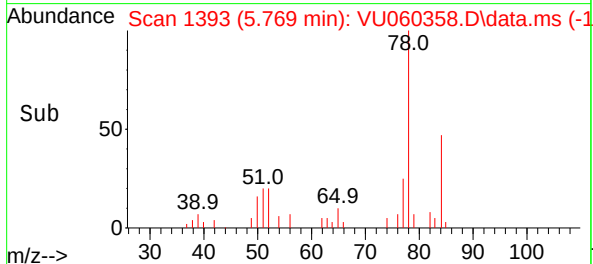
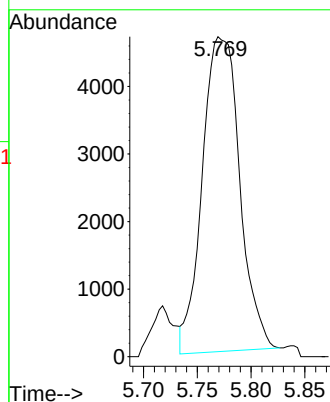
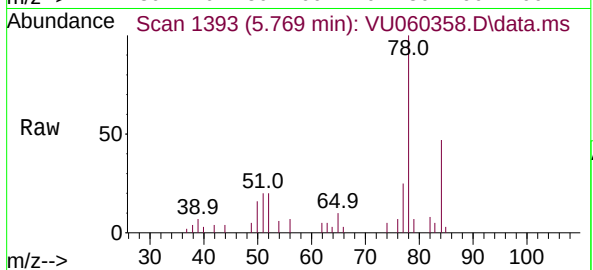
Acq: 08 Aug 2024 16:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 11278



#34

Trichloroethene

Concen: 138.098 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

Tgt Ion: 95 Resp: 1204514

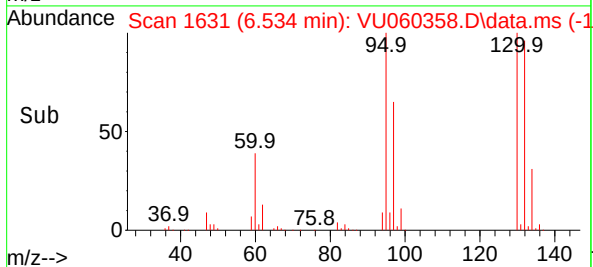
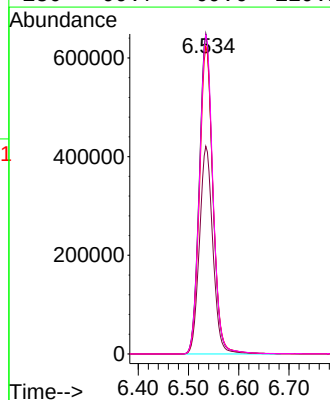
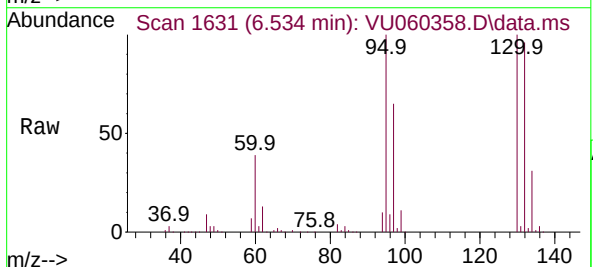
Ion Ratio Lower Upper

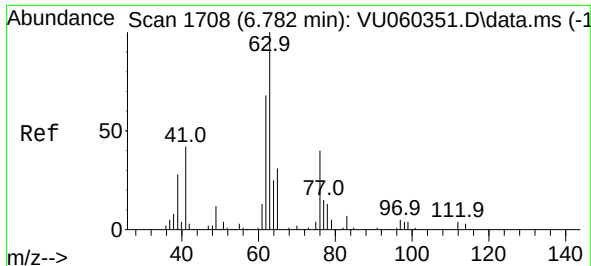
95 100

97 64.9 43.6 81.0

132 96.1 67.1 124.5

130 99.7 69.6 129.2

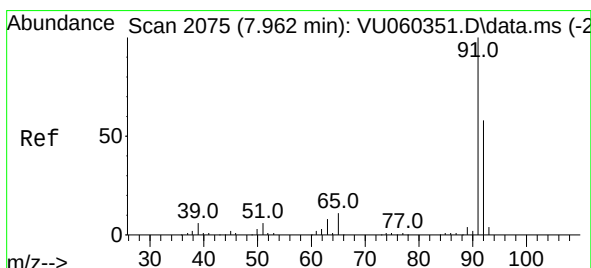
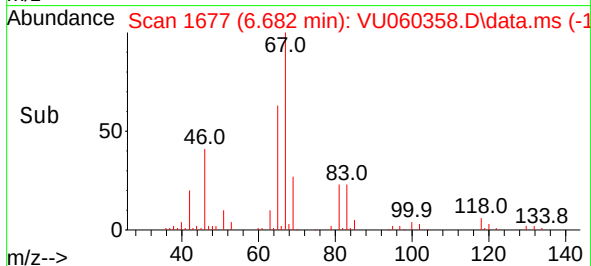
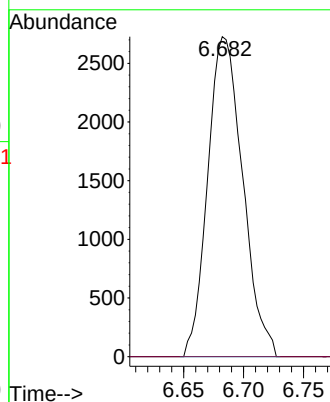
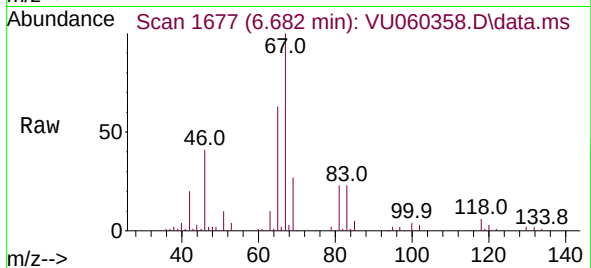




#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

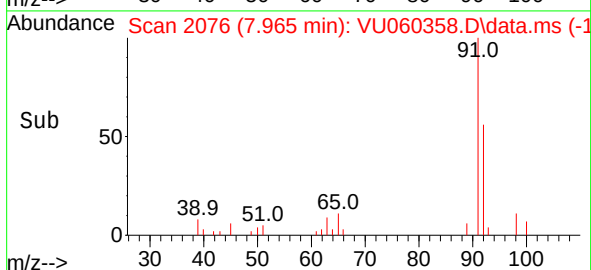
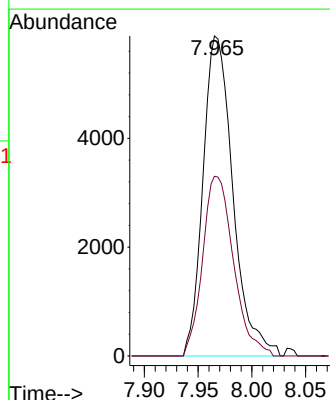
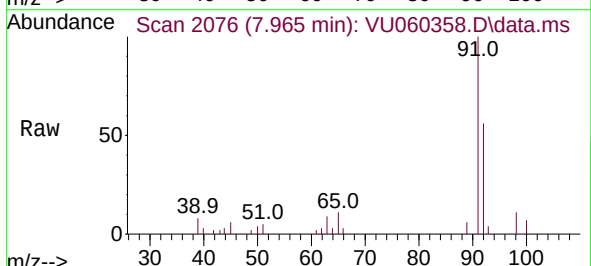
Instrument :
MSVOA_U
ClientSampleId :

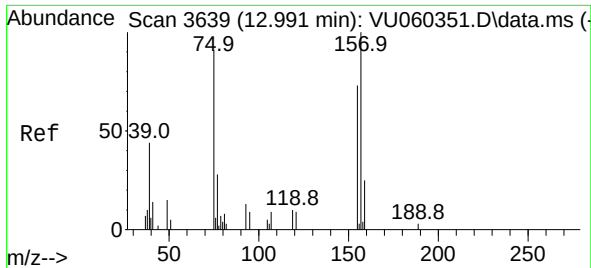
Tgt Ion: 63 Resp: 5535
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.323 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060358.D
Acq: 08 Aug 2024 16:08

Tgt Ion: 91 Resp: 11382
Ion Ratio Lower Upper
91 100
92 56.1 40.6 75.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.219 ug/L

RT: 12.766 min Scan# 3569

Delta R.T. -0.225 min

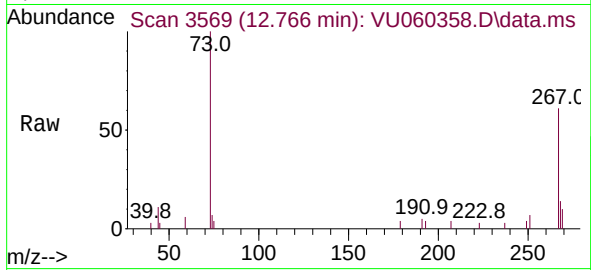
Lab File: VU060358.D

Acq: 08 Aug 2024 16:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 208

Ion Ratio Lower Upper

75 100

155 0.0 64.3 96.5#

157 0.0 88.0 132.0#

