

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062791.D
 Acq On : 16 Jan 2025 02:03
 Operator : MD/SY
 Sample : Q1071-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 04:43:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

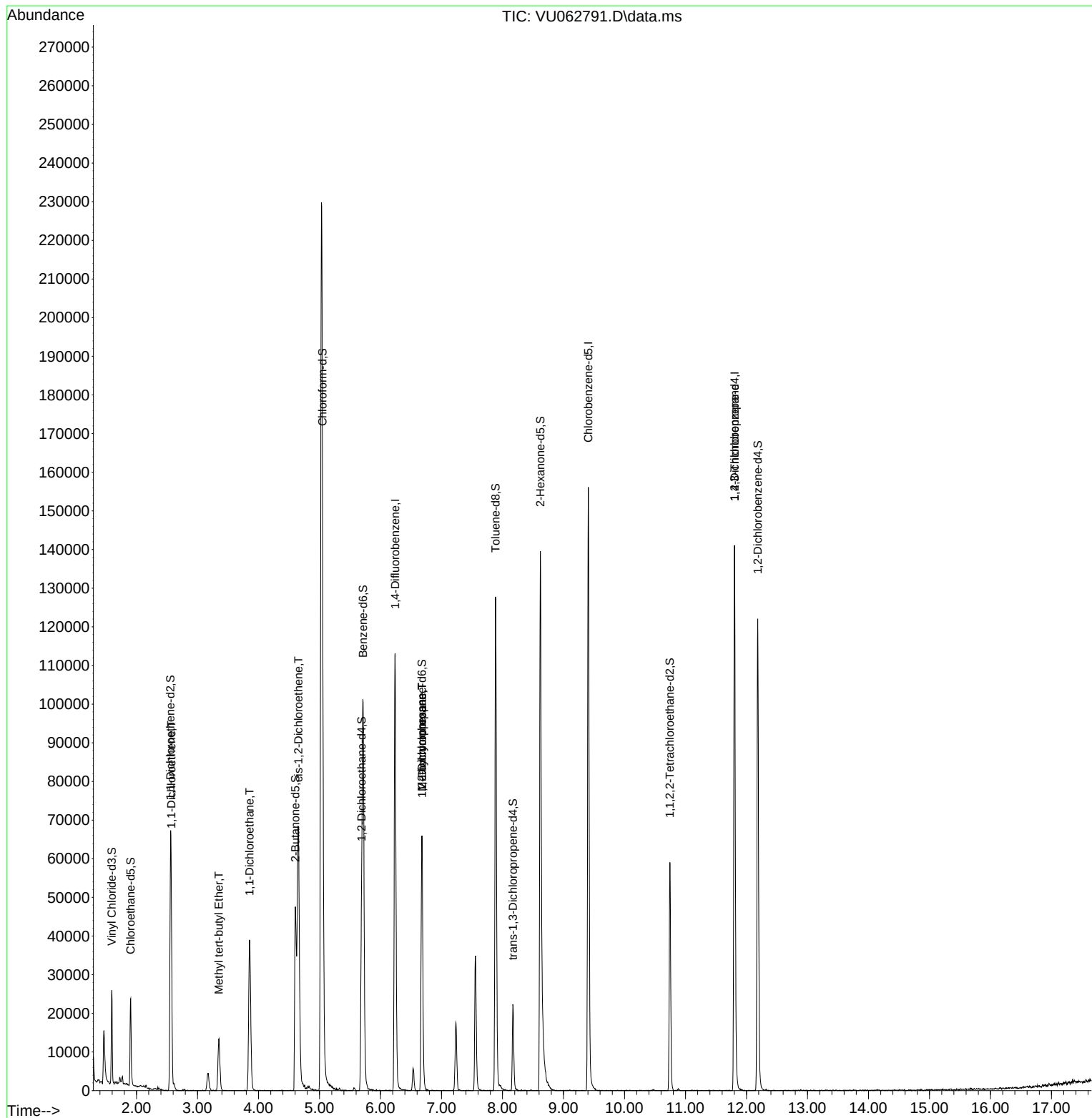
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	95121	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	87547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	15167	2.879	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.904	69	16048	3.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.557	65	9419	3.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.605	46	64820	60.202	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.400%
24) Chloroform-d	5.049	84	60396	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.689	65	36047	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.714	84	96325	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.679	67	28795	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.888	98	88690	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.171	79	13818	4.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.621	63	51416	55.273	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.540%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	27483	5.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35318	5.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	11154	1.889	ug/L #	70
17) Methyl tert-butyl Ether	3.351	73	15090	0.930	ug/L	98
19) 1,1-Dichloroethane	3.853	63	43727	3.866	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	37101	5.385	ug/L	96
35) Methylcyclohexane	6.679	83	8218	0.777	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	4376	0.737	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4133	1.157	ug/L #	59

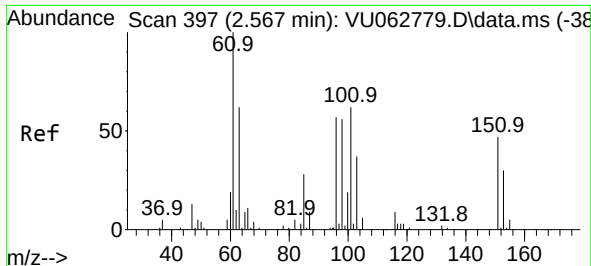
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 16 01:55:19 2025
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#12

1,1-Dichloroethene

Concen: 1.889 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU062791.D

Acq: 16 Jan 2025 02:03

Instrument :

MSVOA_U

ClientSampleId :

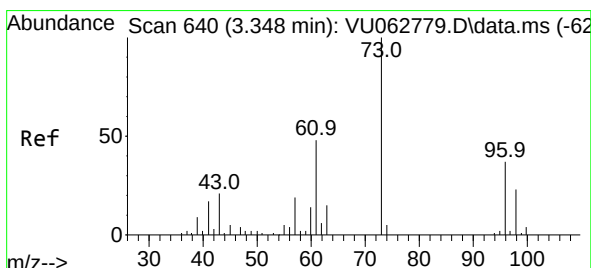
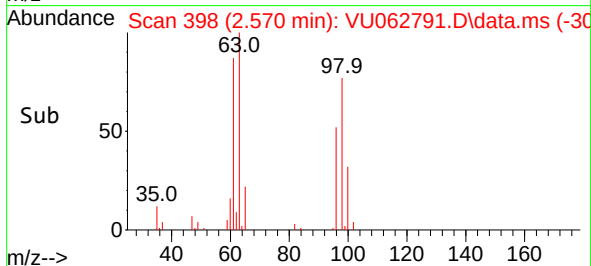
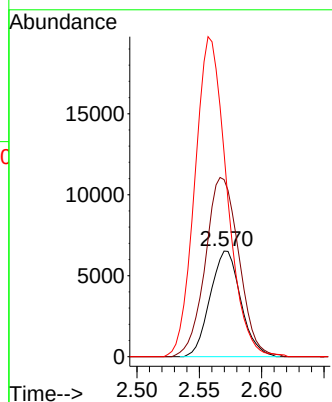
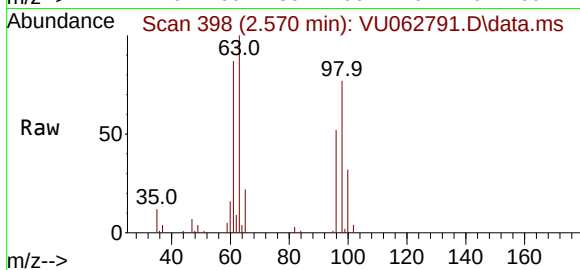
Tgt Ion: 96 Resp: 11154

Ion Ratio Lower Upper

96 100

61 167.6 120.4 223.6

63 193.5 82.3 152.9#



#17

Methyl tert-butyl Ether

Concen: 0.930 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU062791.D

Acq: 16 Jan 2025 02:03

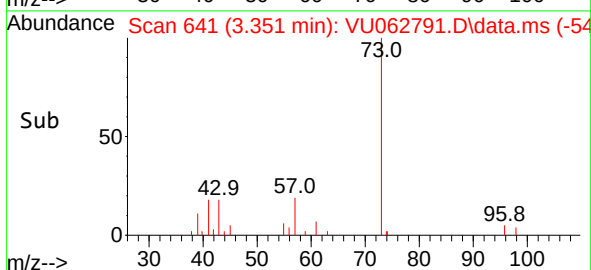
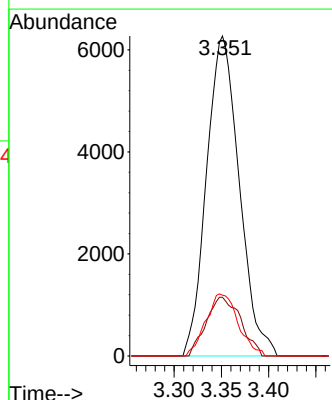
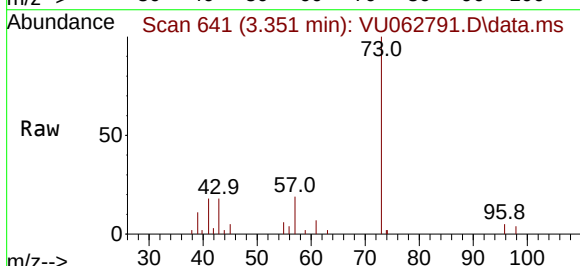
Tgt Ion: 73 Resp: 15090

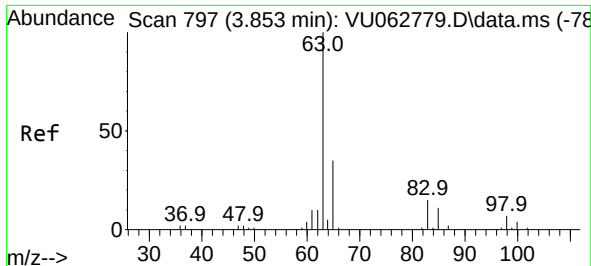
Ion Ratio Lower Upper

73 100

43 19.4 16.2 24.4

57 19.1 14.6 22.0





#19

1,1-Dichloroethane

Concen: 3.866 ug/L

RT: 3.853 min Scan# 797

Delta R.T. -0.000 min

Lab File: VU062791.D

Acq: 16 Jan 2025 02:03

Instrument :

MSVOA_U

ClientSampleId :

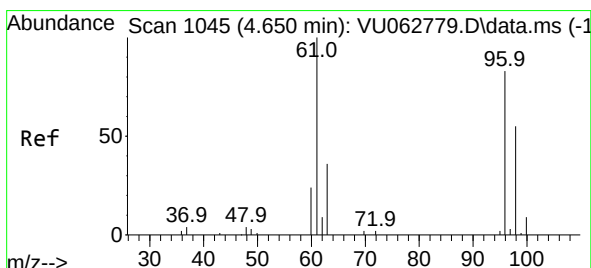
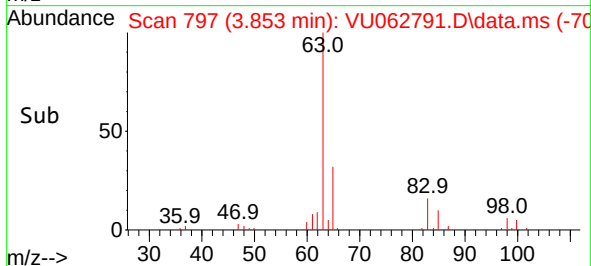
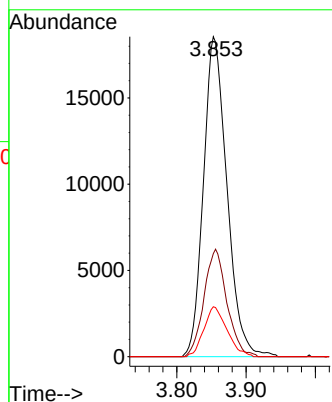
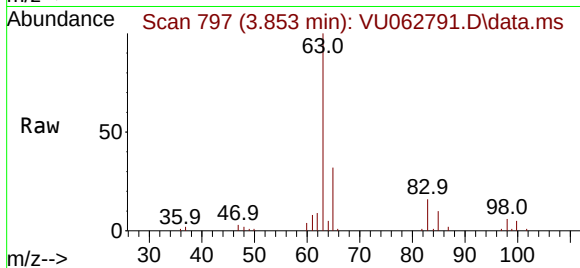
Tgt Ion: 63 Resp: 43727

Ion Ratio Lower Upper

63 100

65 32.7 20.7 38.5

83 15.6 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 5.385 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU062791.D

Acq: 16 Jan 2025 02:03

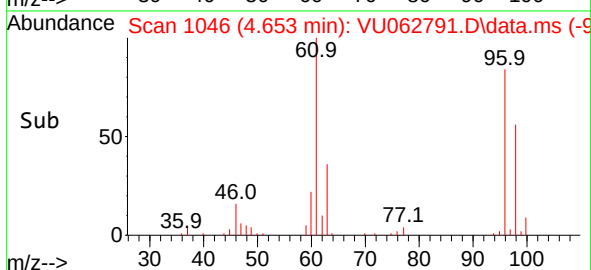
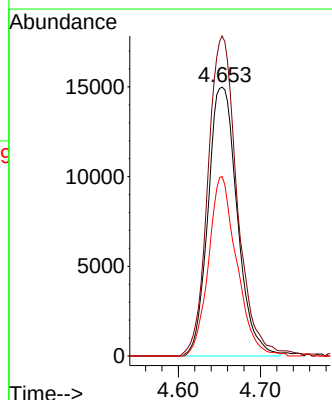
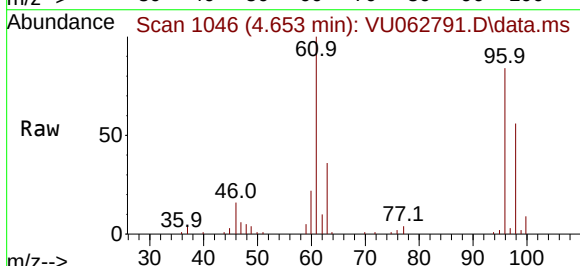
Tgt Ion: 96 Resp: 37101

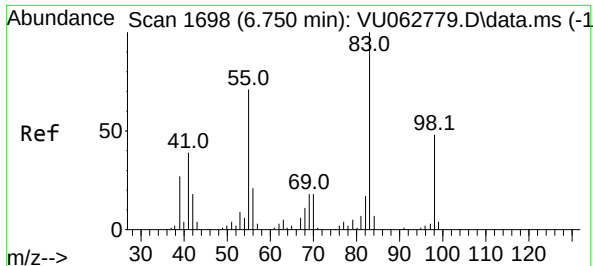
Ion Ratio Lower Upper

96 100

61 119.0 84.8 157.6

98 66.8 43.1 80.1

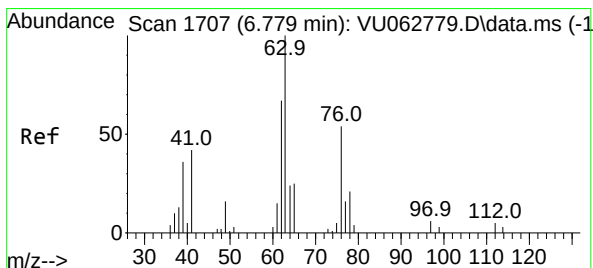
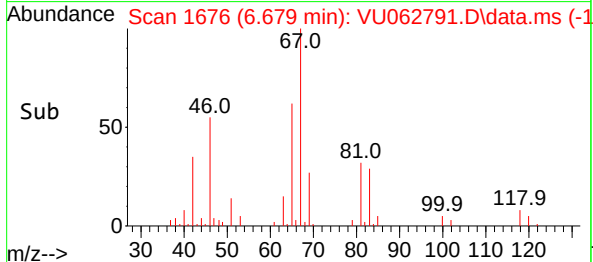
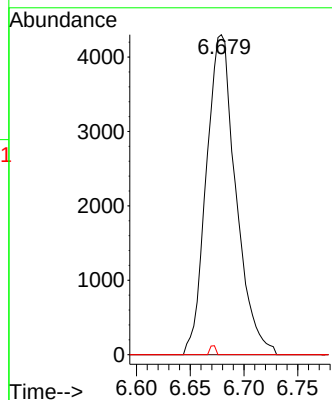
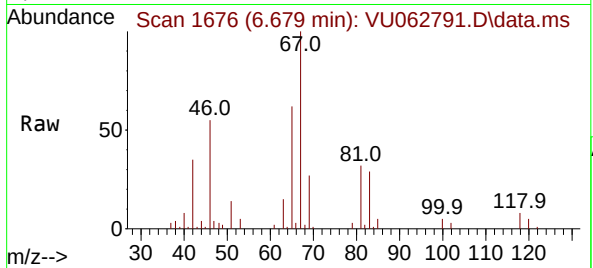




#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062791.D
Acq: 16 Jan 2025 02:03

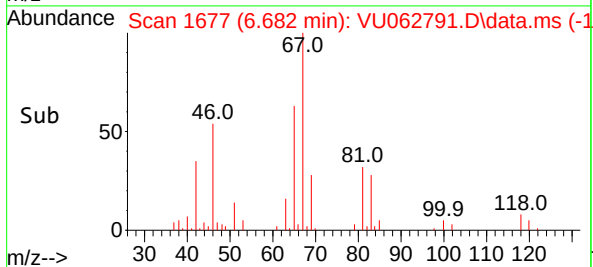
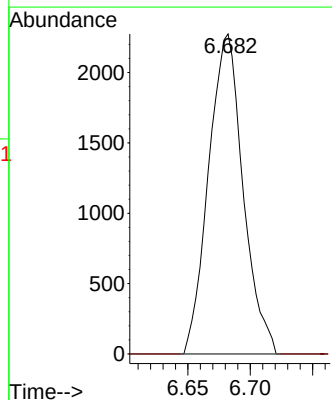
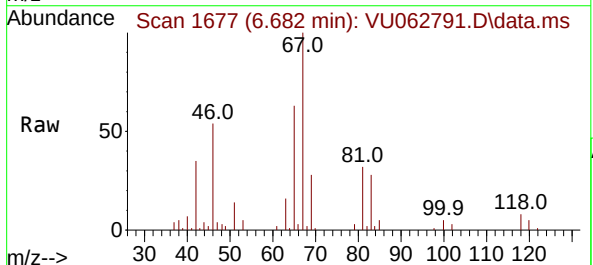
Instrument :
MSVOA_U
ClientSampleId :

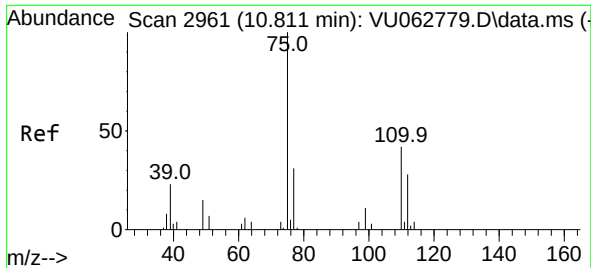
Tgt Ion: 83 Resp: 8218
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.6 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.737 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.096 min
Lab File: VU062791.D
Acq: 16 Jan 2025 02:03

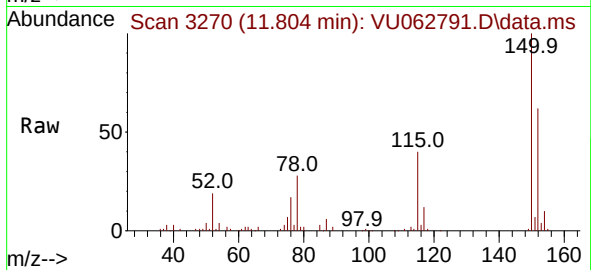
Tgt Ion: 63 Resp: 4376
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.157 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU062791.D
 Acq: 16 Jan 2025 02:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4133
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 37.3 25.9 38.9

