

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061796.D
 Acq On : 17 Nov 2024 20:03
 Operator : MD/SY
 Sample : P4829-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:08:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

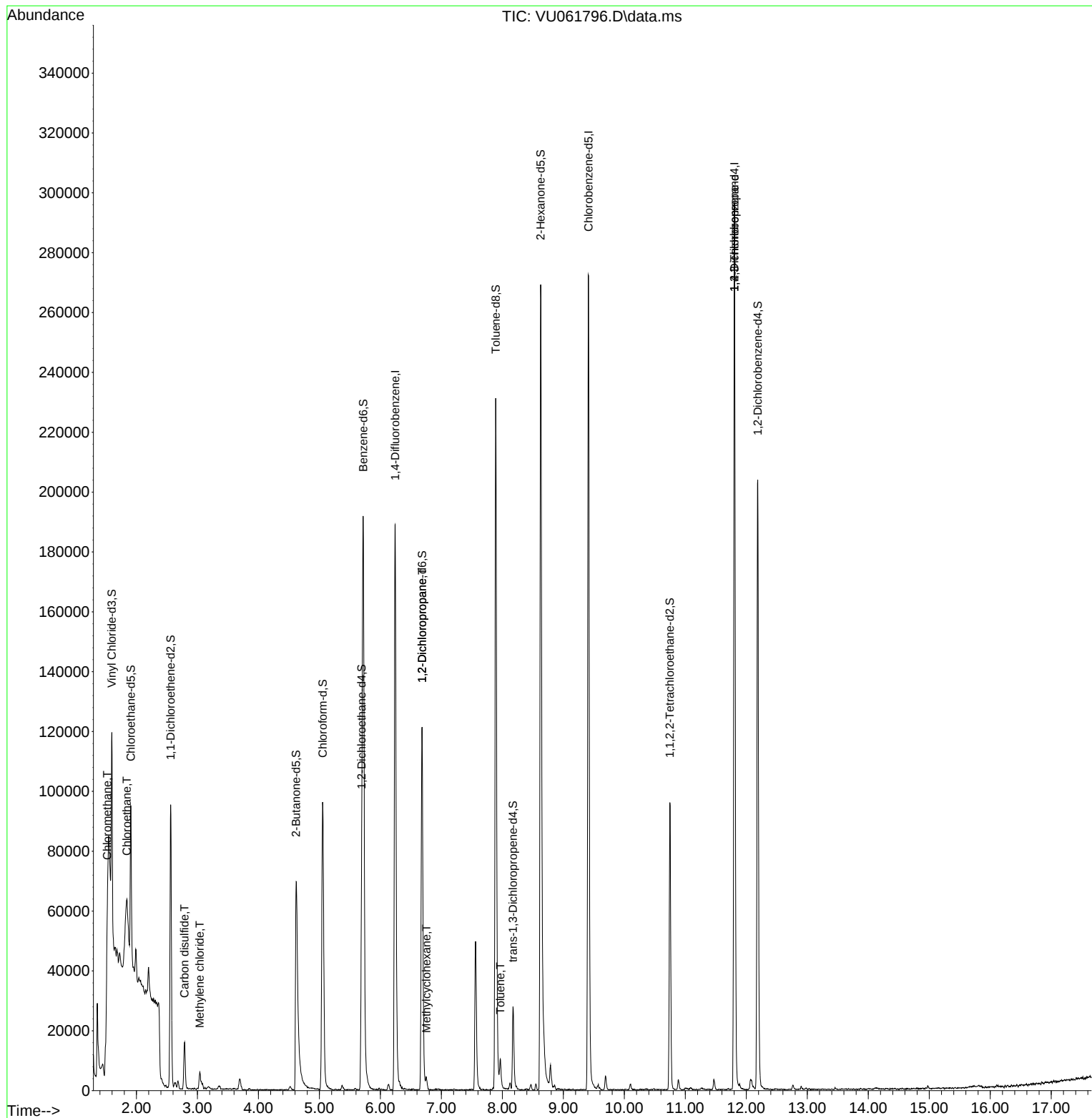
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165787	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36984	3.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.907	69	37560	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	18024	3.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.618	46	117257	51.574	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	5.052	84	93836	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	47973	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.718	84	189976	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	61379	4.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	163299	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.174	79	17550	3.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.627	63	99360	52.798	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.600%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48124	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	57160	3.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.522	50	1512	0.135	ug/L #	70
8) Chloroethane	1.840	64	49257	5.756	ug/L #	51
14) Carbon disulfide	2.788	76	21935	0.682	ug/L	100
16) Methylene chloride	3.036	84	2472	0.214	ug/L	92
35) Methylcyclohexane	6.753	83	1514	0.078	ug/L #	75
37) 1,2-Dichloropropane	6.682	63	6368	0.523	ug/L #	89
42) Toluene	7.965	91	7777	0.151	ug/L	99
61) 1,2,3-Trichloropropane	11.804	75	9762	1.235	ug/L #	67

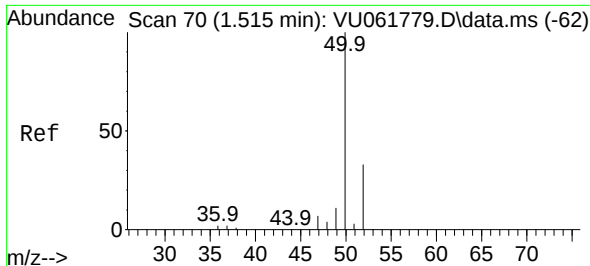
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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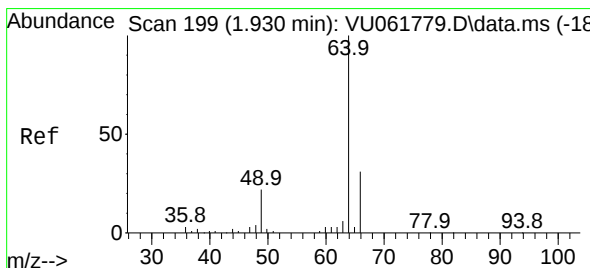
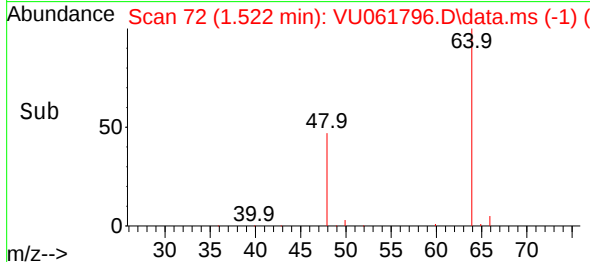
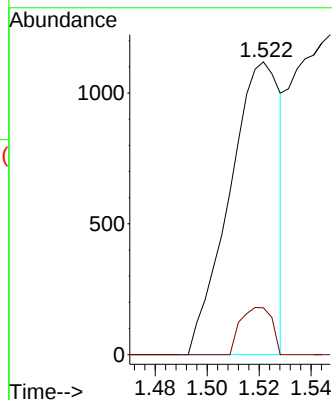
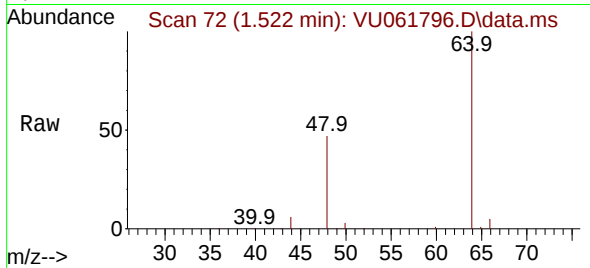




#3
Chloromethane
Concen: 0.135 ug/L
RT: 1.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: VU061796.D
Acq: 17 Nov 2024 20:03

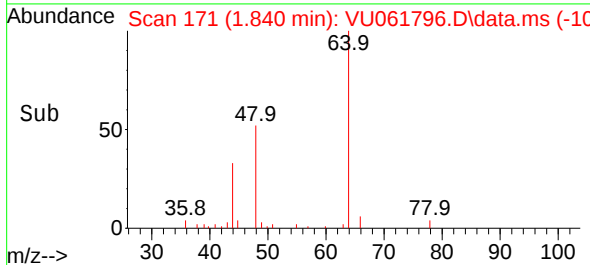
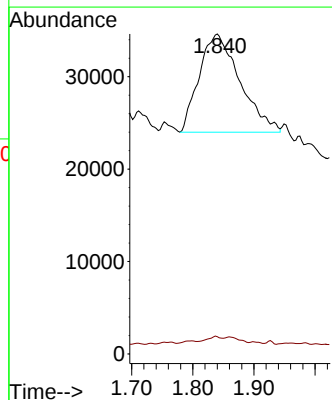
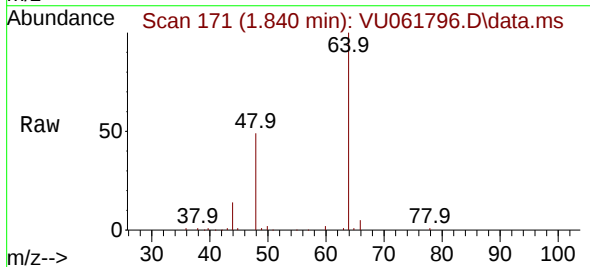
Instrument :
MSVOA_U
ClientSampleId :

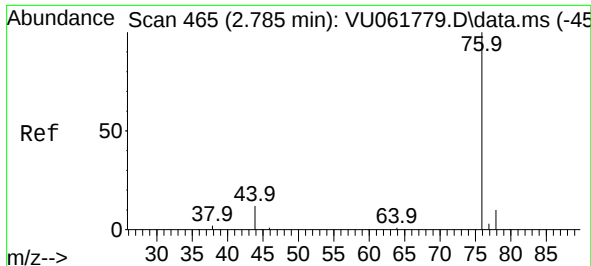
Tgt Ion: 50 Resp: 1512
Ion Ratio Lower Upper
50 100
52 16.0 23.2 43.2#



#8
Chloroethane
Concen: 5.756 ug/L
RT: 1.840 min Scan# 171
Delta R.T. -0.090 min
Lab File: VU061796.D
Acq: 17 Nov 2024 20:03

Tgt Ion: 64 Resp: 49257
Ion Ratio Lower Upper
64 100
66 5.3 23.1 42.9#

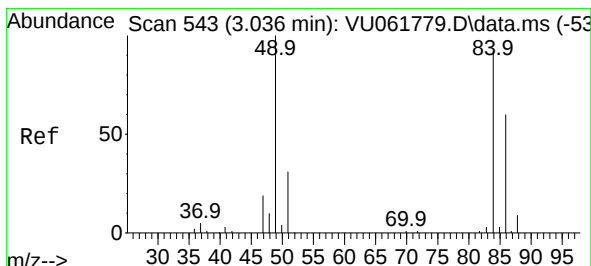
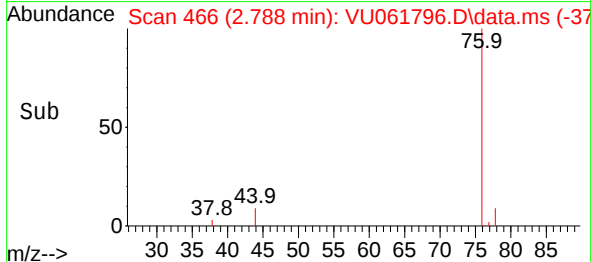
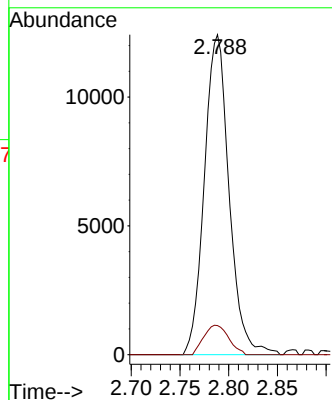
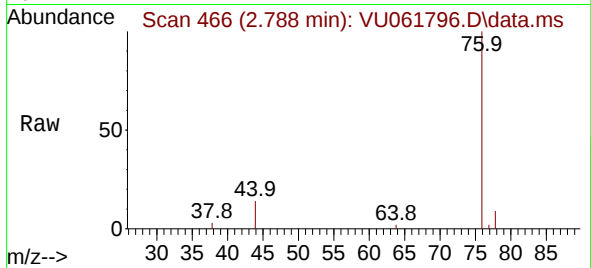




#14
Carbon disulfide
Concen: 0.682 ug/L
RT: 2.788 min Scan# 465
Delta R.T. 0.003 min
Lab File: VU061796.D
Acq: 17 Nov 2024 20:03

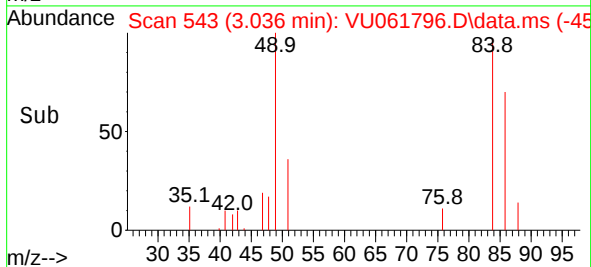
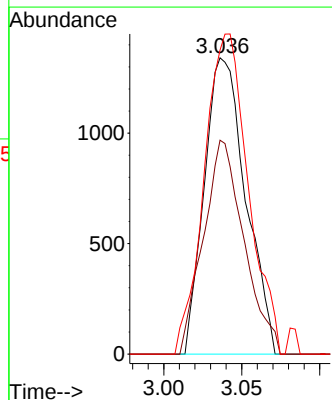
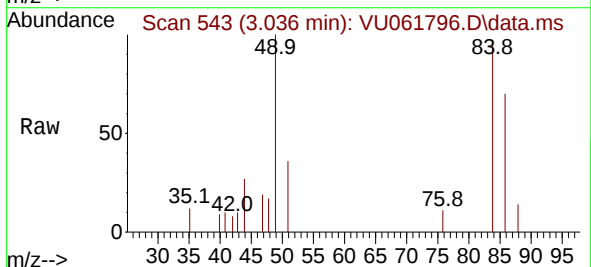
Instrument :
MSVOA_U
ClientSampleId :

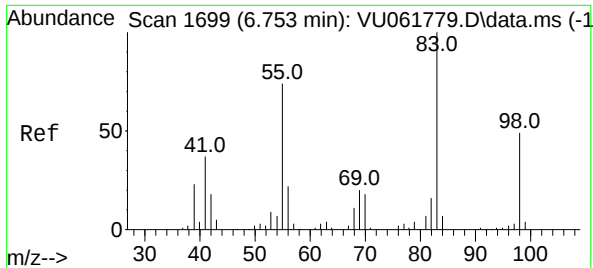
Tgt Ion: 76 Resp: 21935
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#16
Methylene chloride
Concen: 0.214 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061796.D
Acq: 17 Nov 2024 20:03

Tgt Ion: 84 Resp: 2472
Ion Ratio Lower Upper
84 100
86 72.2 45.1 83.7
49 102.6 76.3 141.7

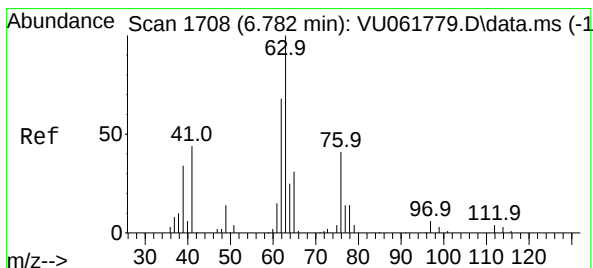
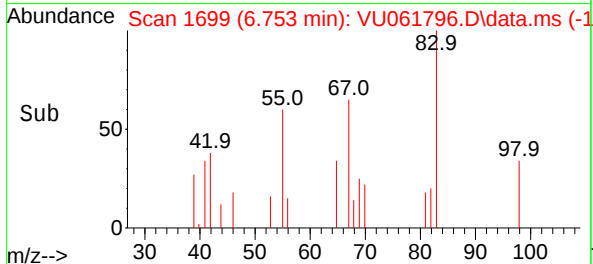
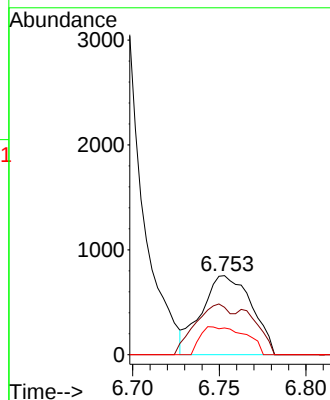
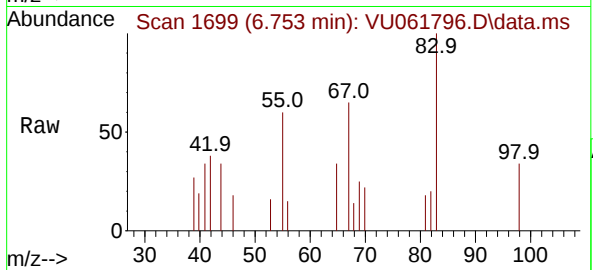




#35
Methylcyclohexane
Concen: 0.078 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061796.D
Acq: 17 Nov 2024 20:03

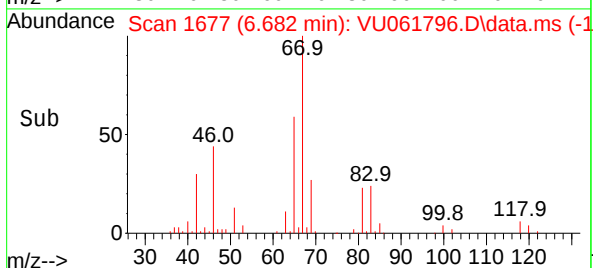
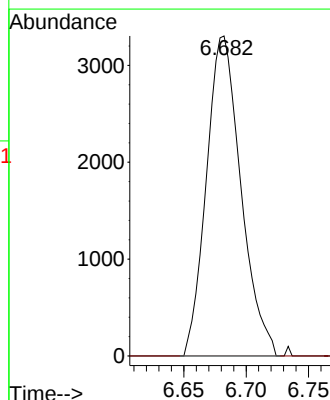
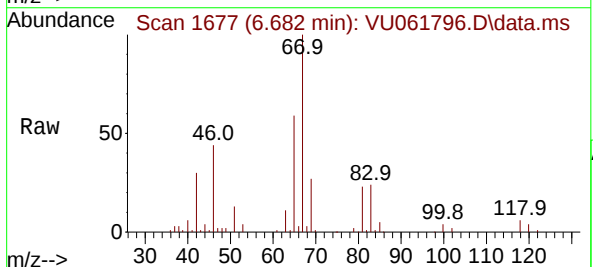
Instrument :
MSVOA_U
ClientSampleId :

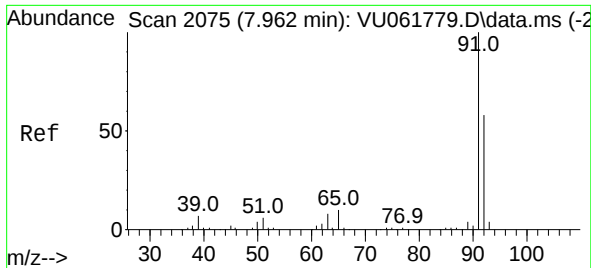
Tgt Ion: 83 Resp: 1514
Ion Ratio Lower Upper
83 100
55 48.5 56.4 84.6#
98 31.8 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061796.D
Acq: 17 Nov 2024 20:03

Tgt Ion: 63 Resp: 6368
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#42

Toluene

Concen: 0.151 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061796.D

Acq: 17 Nov 2024 20:03

Instrument :

MSVOA_U

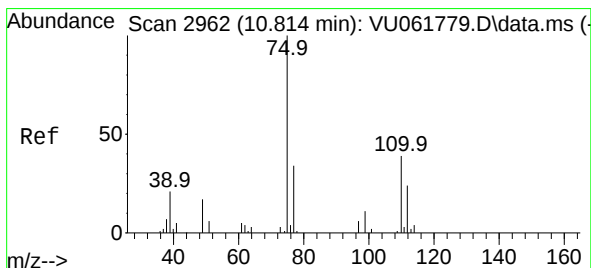
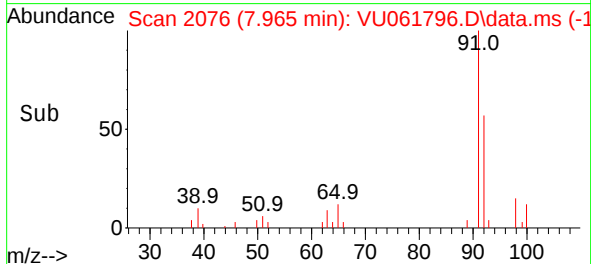
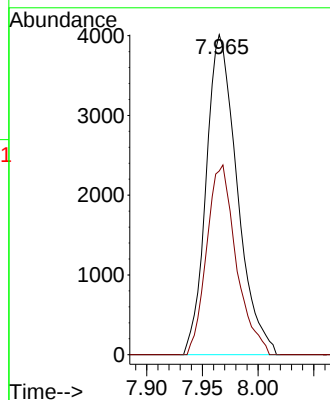
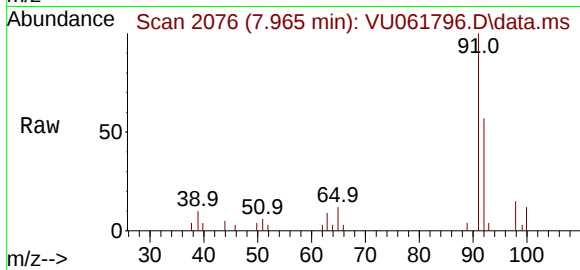
ClientSampleId :

Tgt Ion: 91 Resp: 7777

Ion Ratio Lower Upper

91 100

92 57.4 39.7 73.7



#61

1,2,3-Trichloropropane

Concen: 1.235 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061796.D

Acq: 17 Nov 2024 20:03

Tgt Ion: 75 Resp: 9762

Ion Ratio Lower Upper

75 100

110 2.7 31.3 46.9#

77 33.7 26.0 39.0

