

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057525.D
 Acq On : 15 Jan 2024 13:23
 Operator : MD/SY
 Sample : P1120-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:34:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

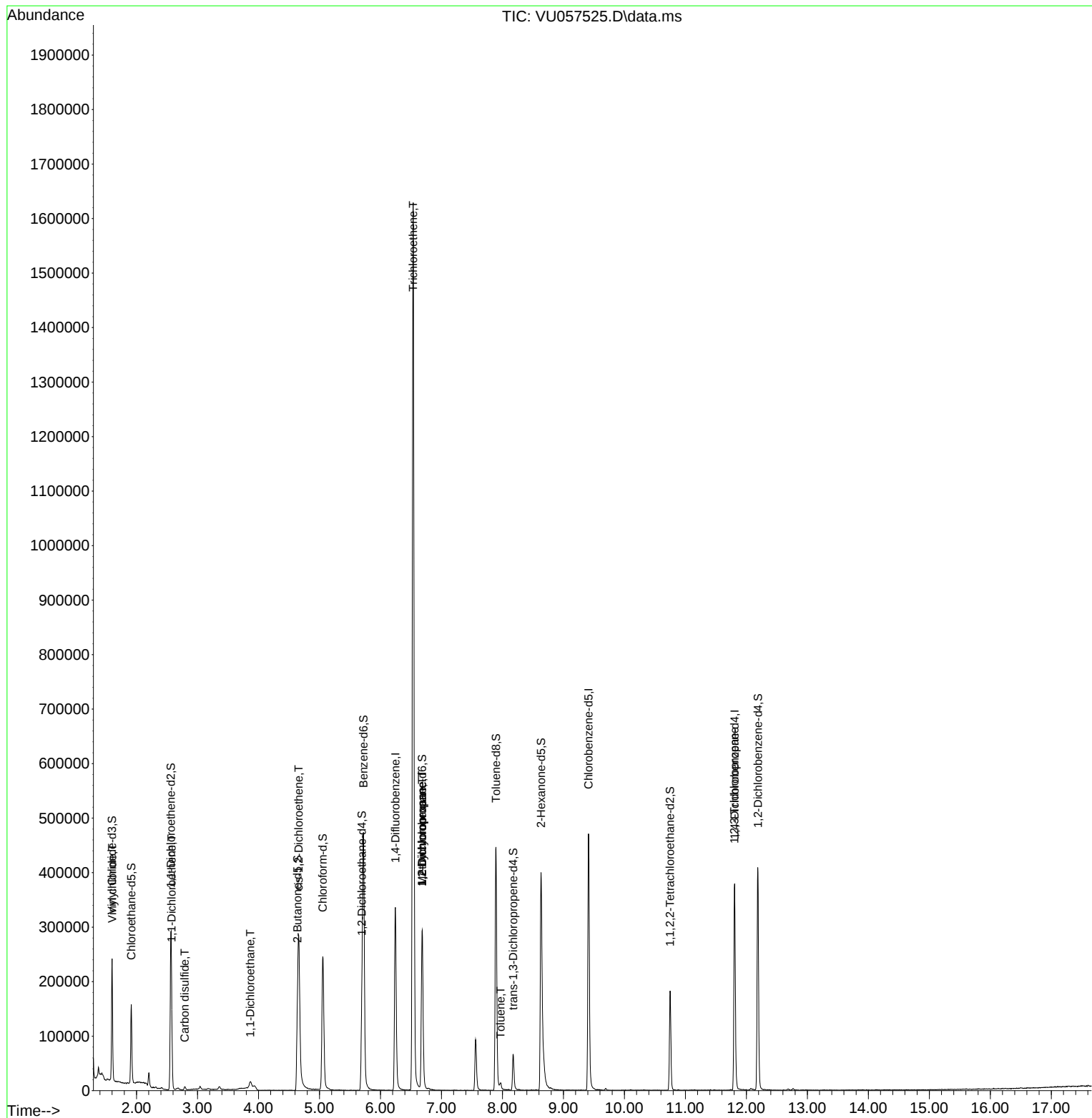
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	262134	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	273442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126040	4.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.914	69	107628	5.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.563	65	53432	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.640	46	212517	42.245	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.480%
24) Chloroform-d	5.055	84	233727	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.695	65	114338	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.721	84	444575	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	143344	4.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	297337	3.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.177	79	39964	3.697	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.634	63	132985	33.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93743	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	106267	5.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	38996	1.972	ug/L	100
12) 1,1-Dichloroethene	2.576	96	15278	0.998	ug/L #	1
14) Carbon disulfide	2.792	76	9086	0.212	ug/L	99
19) 1,1-Dichloroethane	3.866	63	12227	0.356	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	110867	6.265	ug/L	96
34) Trichloroethene	6.537	95	581697	27.563	ug/L	99
35) Methylcyclohexane	6.685	83	32701	1.165	ug/L #	15
37) 1,2-Dichloropropane	6.685	63	15821	0.694	ug/L #	91
42) Toluene	7.968	91	7190	0.091	ug/L	92
61) 1,2,3-Trichloropropane	11.804	75	12916	1.399	ug/L #	68

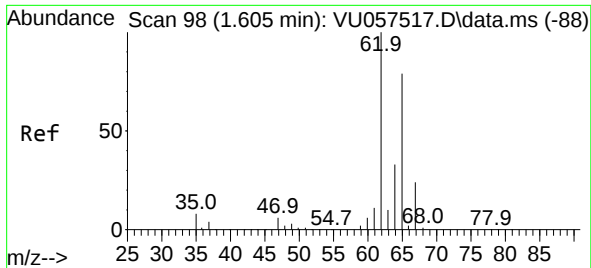
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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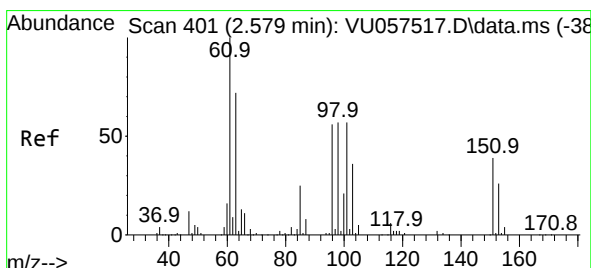
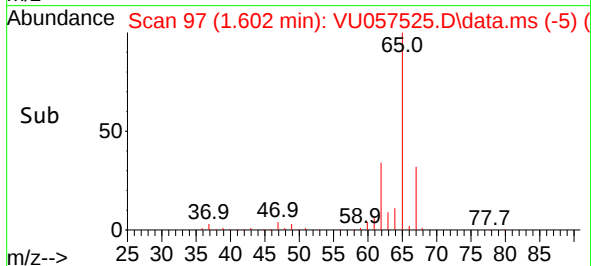
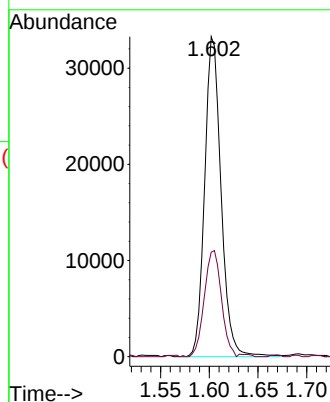
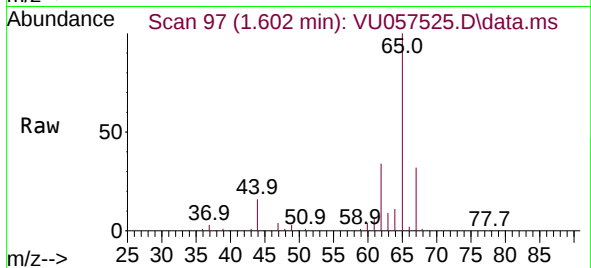




#5
 Vinyl chloride
 Concen: 1.972 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU057525.D
 Acq: 15 Jan 2024 13:23

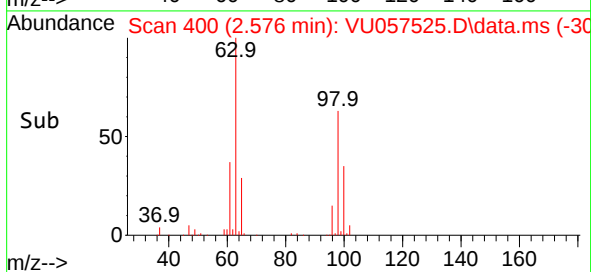
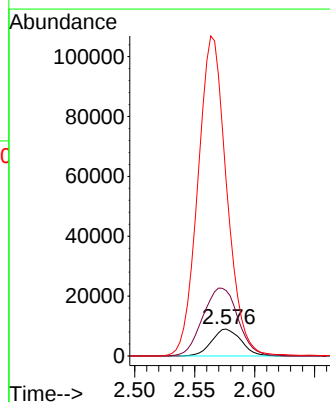
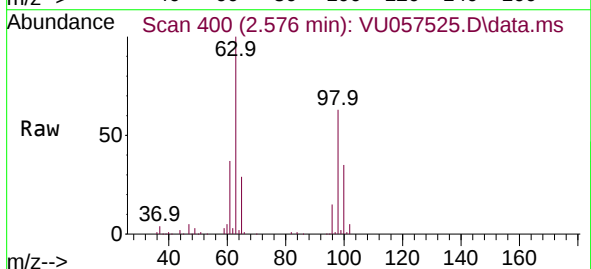
Instrument :
 MSVOA_U
 ClientSampleId :

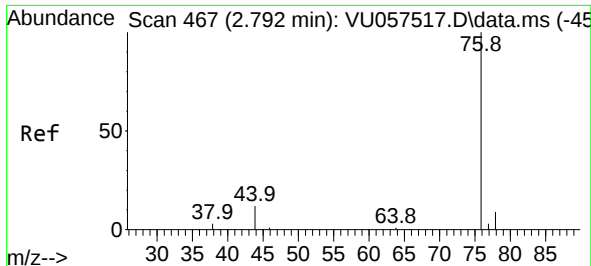
Tgt Ion: 62 Resp: 38996
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 0.998 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057525.D
 Acq: 15 Jan 2024 13:23

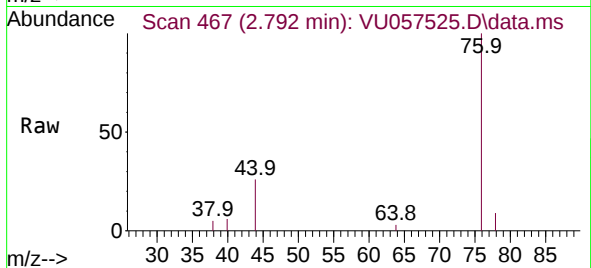
Tgt Ion: 96 Resp: 15278
 Ion Ratio Lower Upper
 96 100
 61 244.1 130.9 243.1#
 63 652.3 114.8 213.2#



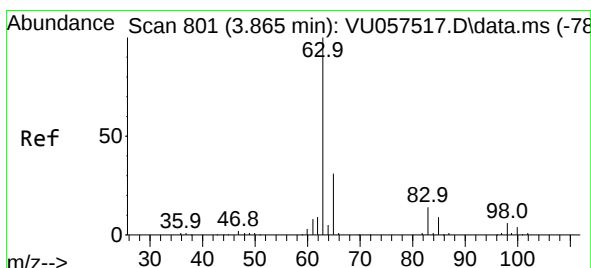
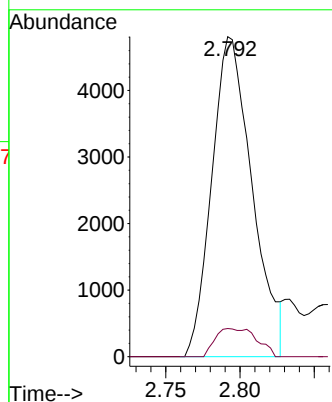
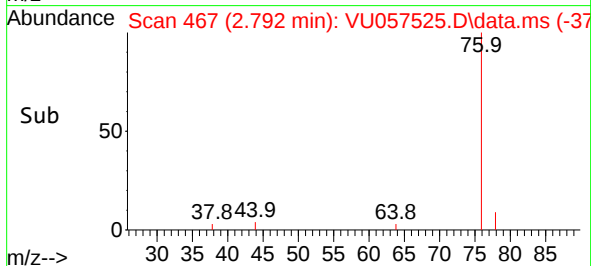


#14
Carbon disulfide
Concen: 0.212 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.000 min
Lab File: VU057525.D
Acq: 15 Jan 2024 13:23

Instrument :
MSVOA_U
ClientSampleId :

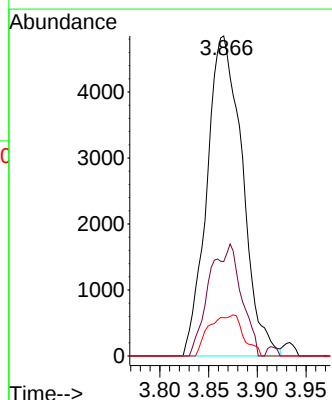
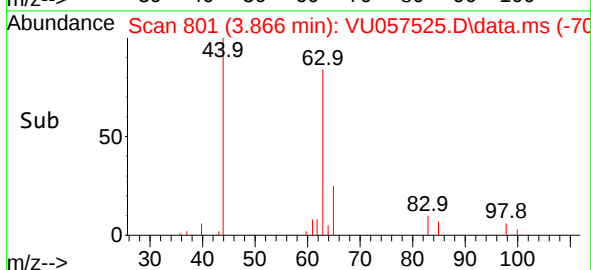
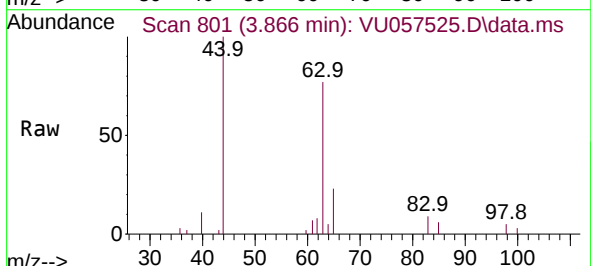


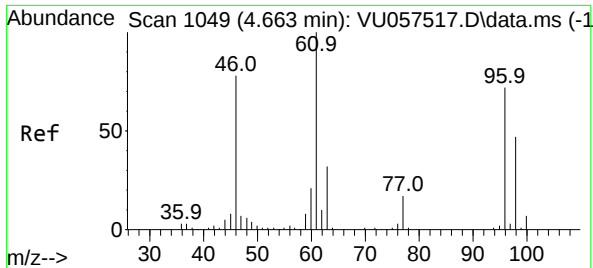
Tgt Ion: 76 Resp: 9086
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#19
1,1-Dichloroethane
Concen: 0.356 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU057525.D
Acq: 15 Jan 2024 13:23

Tgt Ion: 63 Resp: 12227
Ion Ratio Lower Upper
63 100
65 29.5 22.3 41.3
83 11.9 9.1 16.9

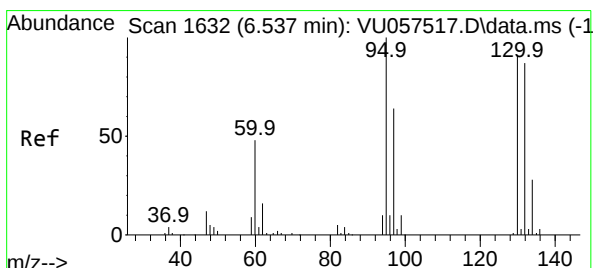
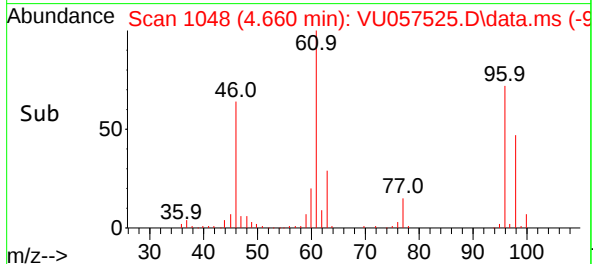
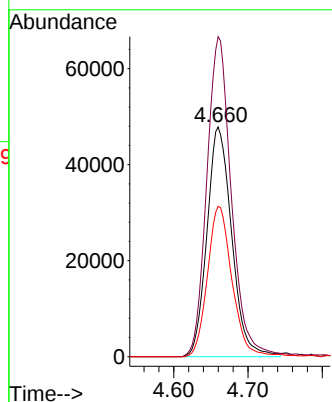
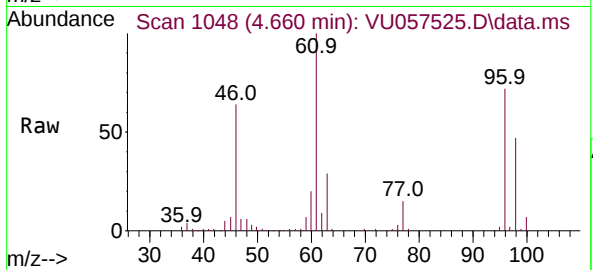




#22
 cis-1,2-Dichloroethene
 Concen: 6.265 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU057525.D
 Acq: 15 Jan 2024 13:23

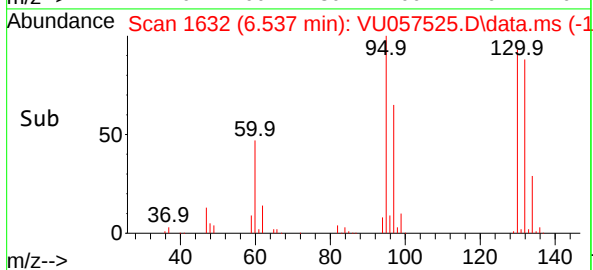
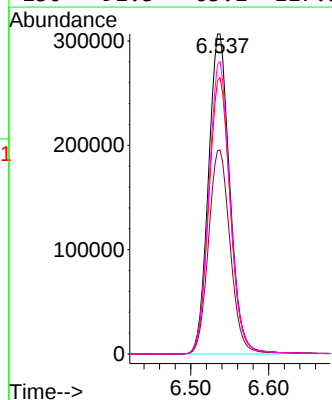
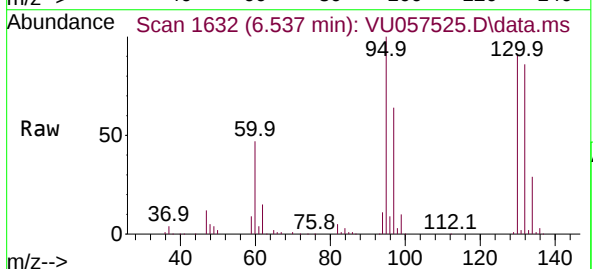
Instrument :
 MSVOA_U
 ClientSampleId :

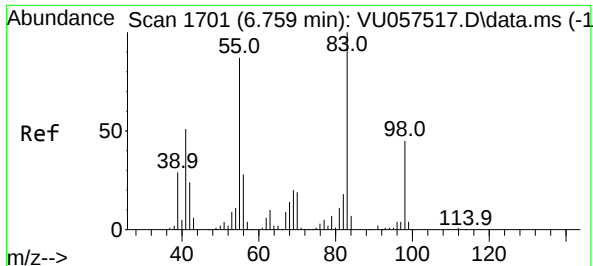
Tgt Ion: 96 Resp: 110867
 Ion Ratio Lower Upper
 96 100
 61 139.4 93.4 173.4
 98 65.5 44.9 83.3



#34
 Trichloroethene
 Concen: 27.563 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU057525.D
 Acq: 15 Jan 2024 13:23

Tgt Ion: 95 Resp: 581697
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.0 83.6
 132 86.4 61.7 114.5
 130 91.3 63.1 117.3

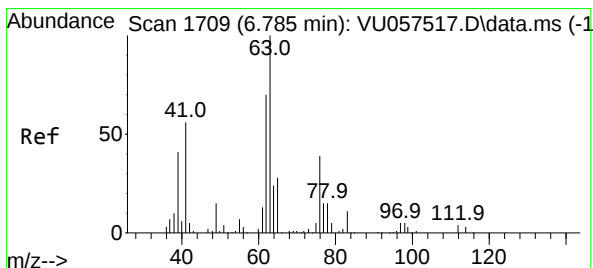
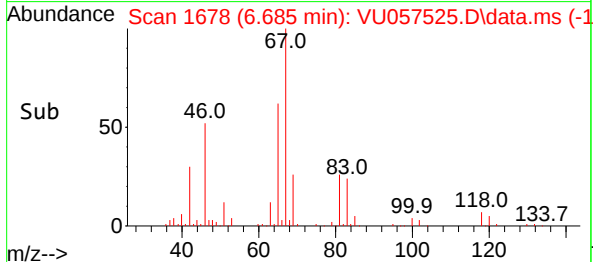
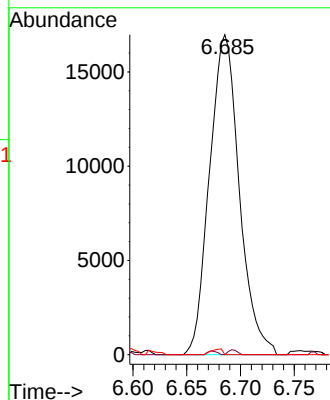
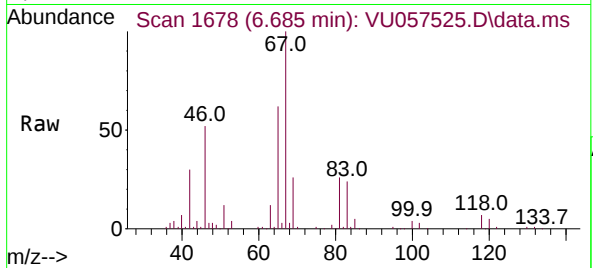




#35
Methylcyclohexane
Concen: 1.165 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057525.D
Acq: 15 Jan 2024 13:23

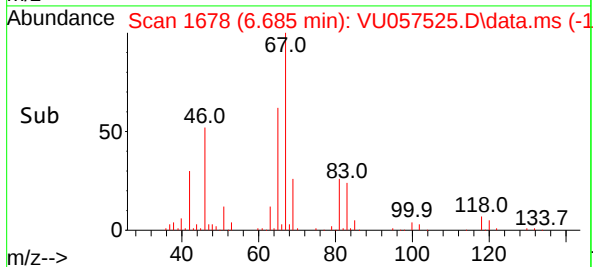
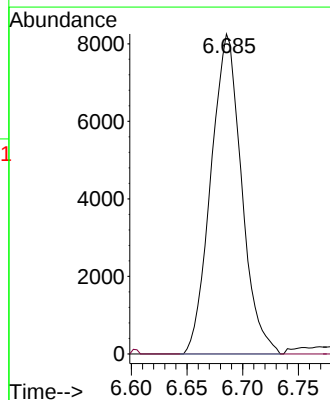
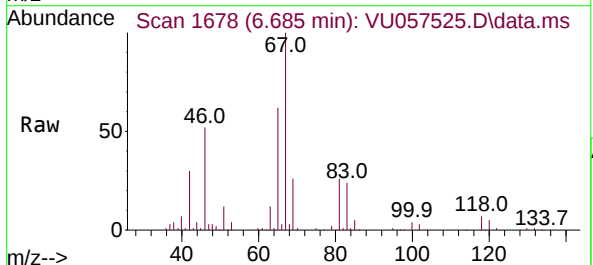
Instrument :
MSVOA_U
ClientSampleId :

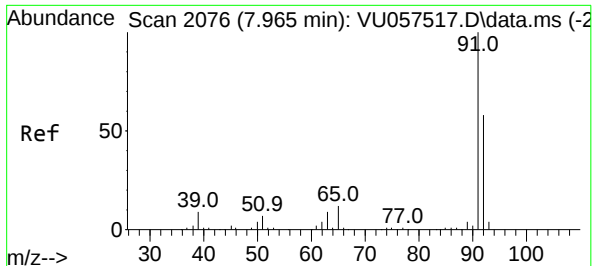
Tgt Ion: 83 Resp: 32701
Ion Ratio Lower Upper
83 100
55 0.5 68.7 103.1#
98 0.0 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.694 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057525.D
Acq: 15 Jan 2024 13:23

Tgt Ion: 63 Resp: 15821
Ion Ratio Lower Upper
63 100
112 0.3 2.7 4.1#





#42

Toluene

Concen: 0.091 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057525.D

Acq: 15 Jan 2024 13:23

Instrument :

MSVOA_U

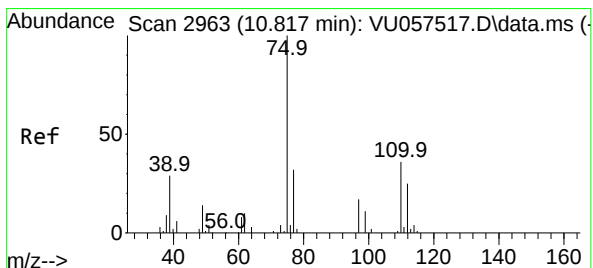
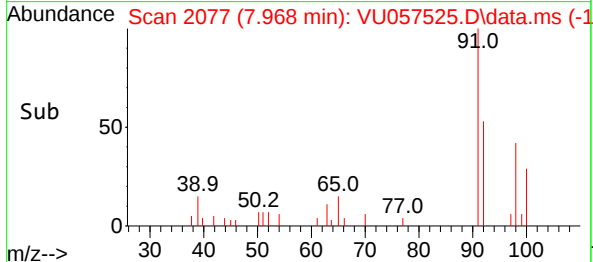
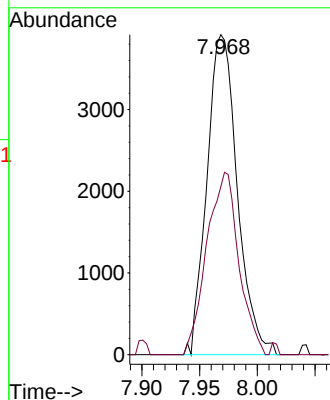
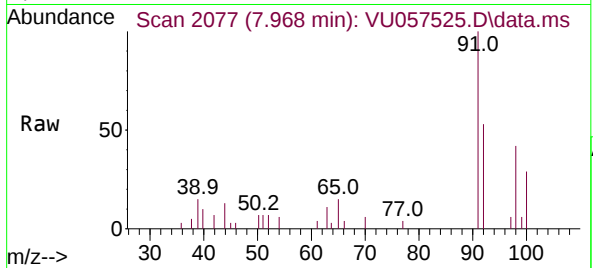
ClientSampleId :

Tgt Ion: 91 Resp: 7190

Ion Ratio Lower Upper

91 100

92 52.6 41.2 76.4



#61

1,2,3-Trichloropropane

Concen: 1.399 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU057525.D

Acq: 15 Jan 2024 13:23

Tgt Ion: 75 Resp: 12916

Ion Ratio Lower Upper

75 100

110 3.4 29.4 44.0#

77 35.3 26.2 39.4

