

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057532.D
 Acq On : 15 Jan 2024 16:12
 Operator : MD/SY
 Sample : P1120-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:36:45 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)

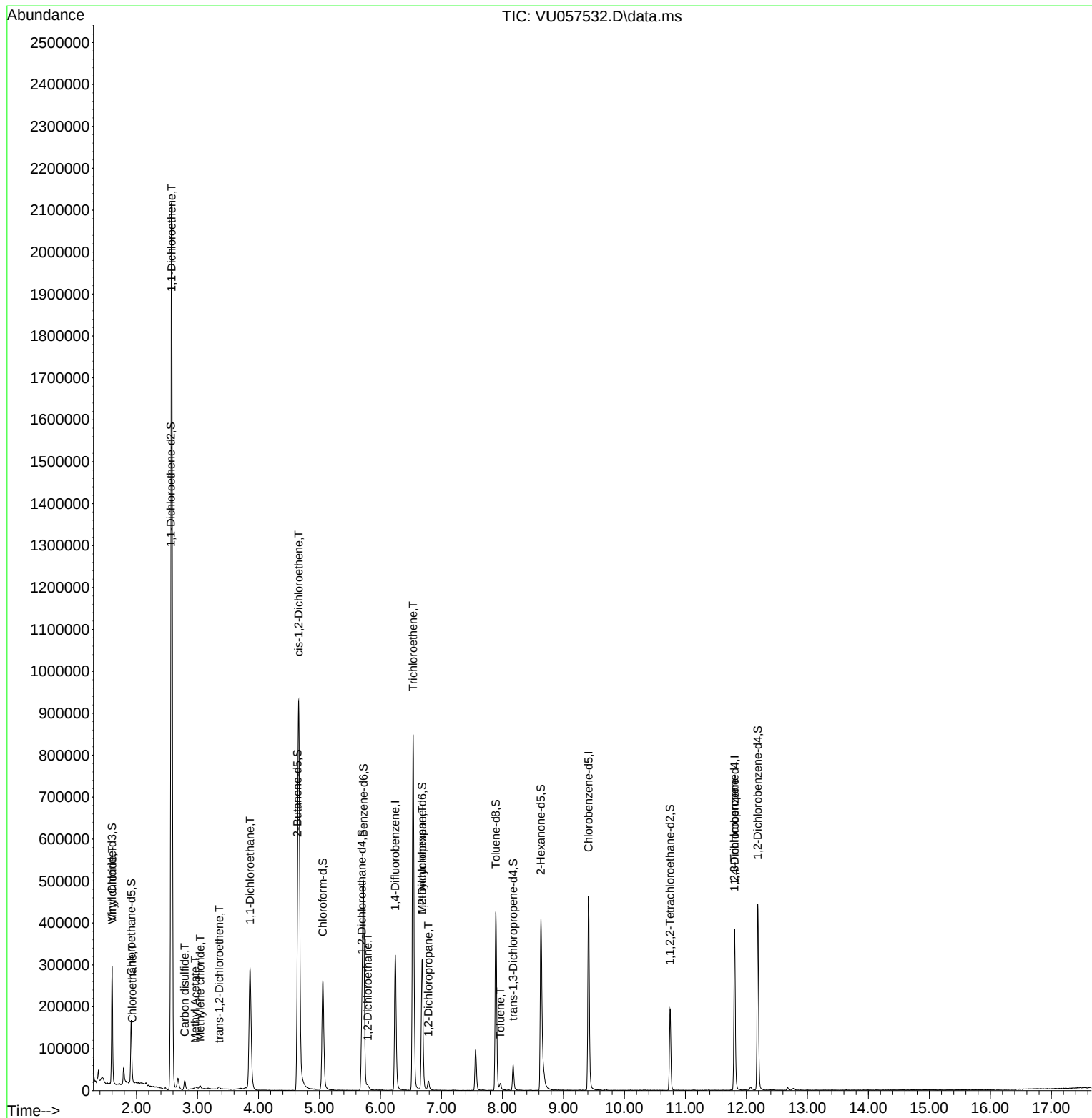
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	256170	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	130440	5.019	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.914	69	111876	5.532	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.600%		
11) 1,1-Dichloroethene-d2	2.563	65	55363	5.037	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	4.640	46	236935	48.195	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 96.380%		
24) Chloroform-d	5.055	84	246828	5.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.000%		
26) 1,2-Dichloroethane-d4	5.695	65	122482	5.663	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.200%		
32) Benzene-d6	5.721	84	469659	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.800%		
36) 1,2-Dichloropropane-d6	6.685	67	152524	5.097	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.000%		
41) Toluene-d8	7.891	98	284855	3.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 70.400%		
43) trans-1,3-Dichloroprop...	8.177	79	35592	3.421	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 68.400%		
46) 2-Hexanone-d5	8.630	63	133572	35.461	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 70.920%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	97935	4.845	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 97.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	111878	5.682	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.600%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.602	62	83514	4.321	ug/L	94
8) Chloroethane	1.930	64	4017	0.333	ug/L #	69
12) 1,1-Dichloroethene	2.576	96	662139	44.240	ug/L #	64
14) Carbon disulfide	2.791	76	32518	0.778	ug/L	99
15) Methyl Acetate	2.962	43	5693	0.852	ug/L	90
16) Methylene chloride	3.042	84	3081	0.152	ug/L	87
18) trans-1,2-Dichloroethene	3.357	96	1673	0.113	ug/L	88
19) 1,1-Dichloroethane	3.862	63	333966	9.963	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	446138	25.797	ug/L	97
27) 1,2-Dichloroethane	5.791	62	7058	0.337	ug/L #	93
34) Trichloroethene	6.537	95	300019	14.772	ug/L	98
35) Methylcyclohexane	6.685	83	34824	1.290	ug/L #	16
37) 1,2-Dichloropropane	6.785	63	7792	0.355	ug/L	100
42) Toluene	7.965	91	10517	0.138	ug/L	96
61) 1,2,3-Trichloropropane	11.804	75	12350	1.346	ug/L #	65

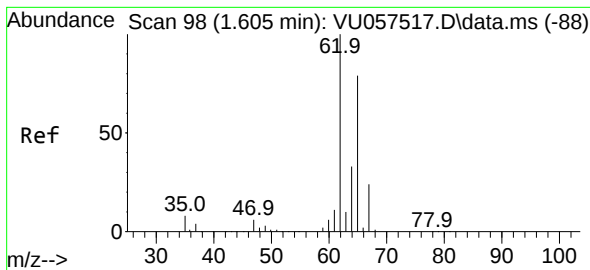
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#5

Vinyl chloride

Concen: 4.321 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU057532.D

Acq: 15 Jan 2024 16:12

Instrument :

MSVOA_U

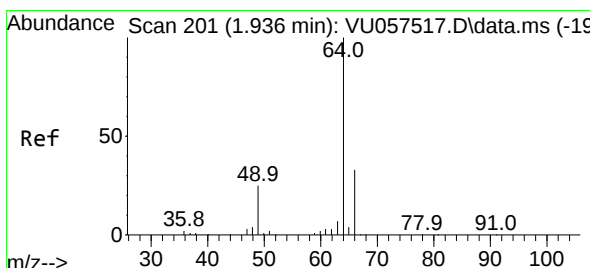
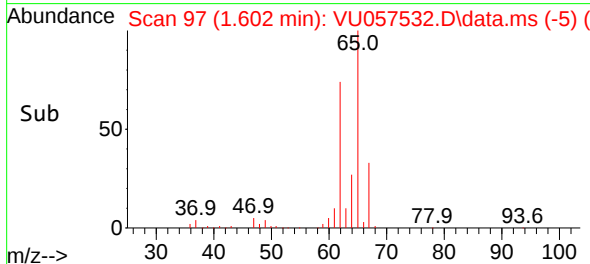
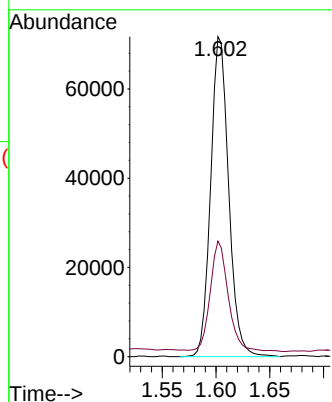
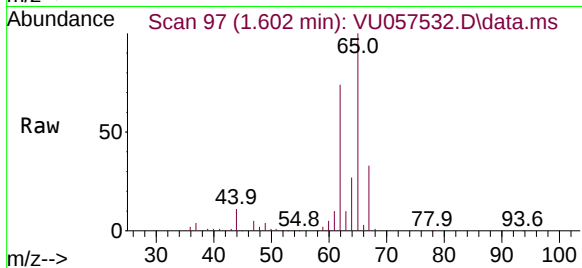
ClientSampleId :

Tgt Ion: 62 Resp: 83514

Ion Ratio Lower Upper

62 100

64 36.1 22.9 42.5



#8

Chloroethane

Concen: 0.333 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.006 min

Lab File: VU057532.D

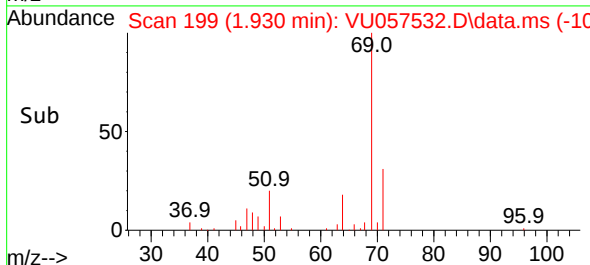
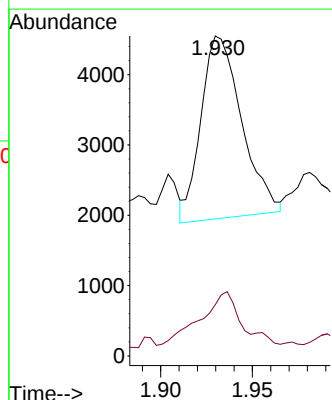
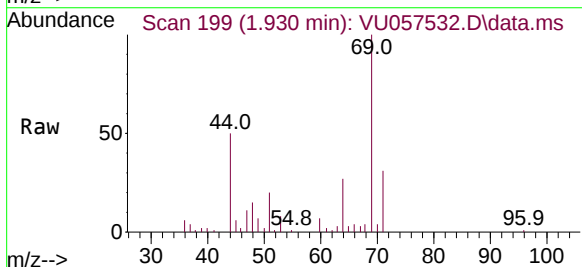
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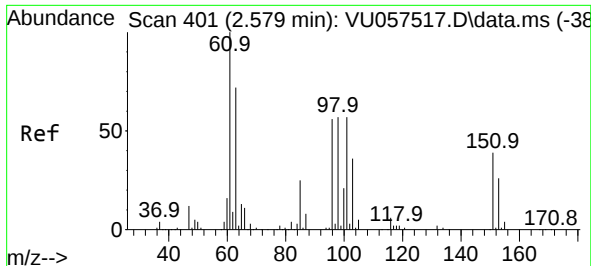
Tgt Ion: 64 Resp: 4017

Ion Ratio Lower Upper

64 100

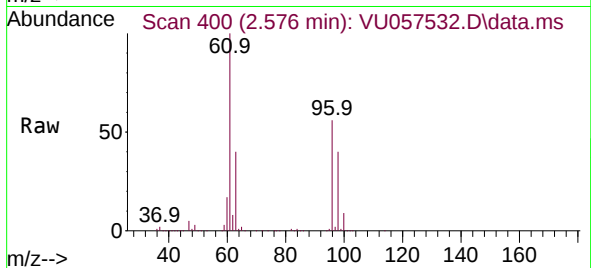
66 16.0 23.3 43.3#



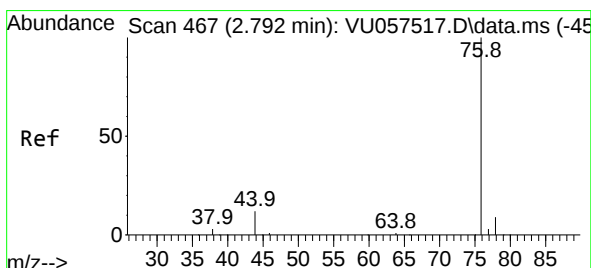
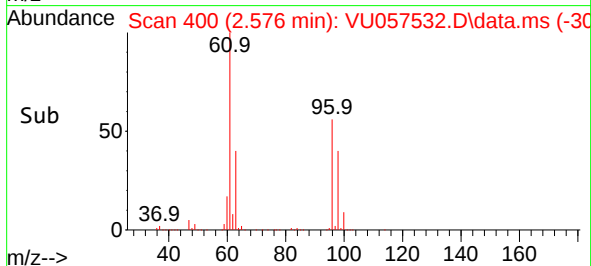
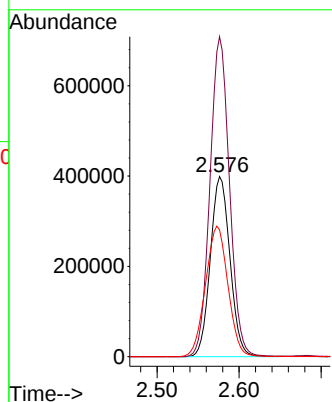


#12
1,1-Dichloroethene
Concen: 44.240 ug/L
RT: 2.576 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

Instrument :
MSVOA_U
ClientSampleId :

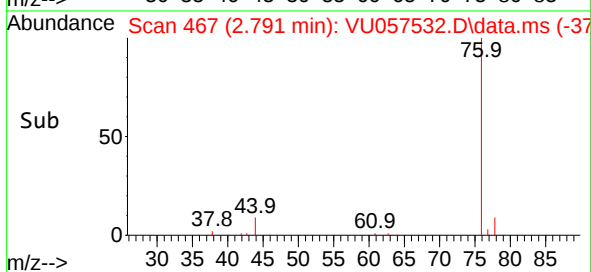
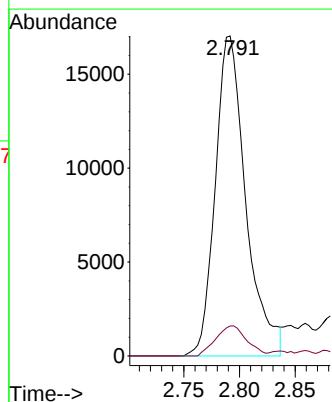
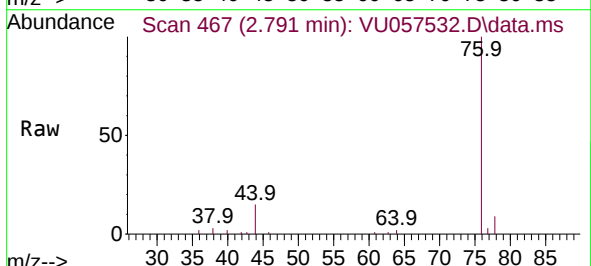


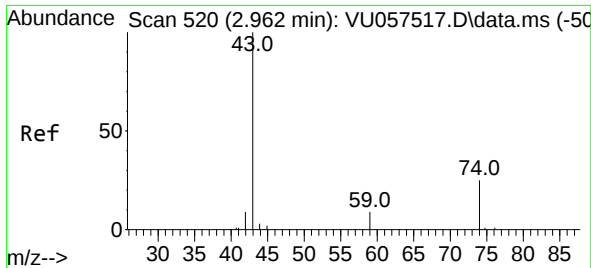
Tgt Ion: 96 Resp: 662139
Ion Ratio Lower Upper
96 100
61 177.6 130.9 243.1
63 70.4 114.8 213.2#



#14
Carbon disulfide
Concen: 0.778 ug/L
RT: 2.791 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

Tgt Ion: 76 Resp: 32518
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

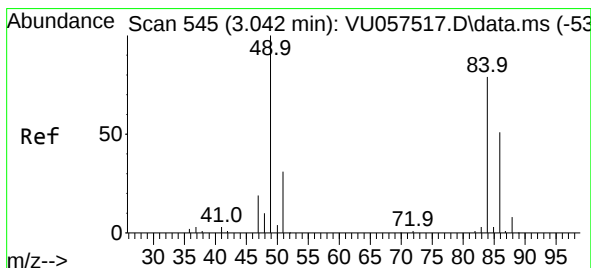
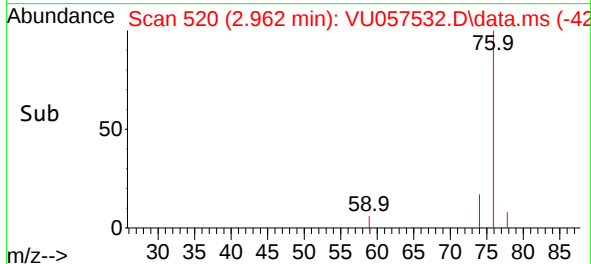
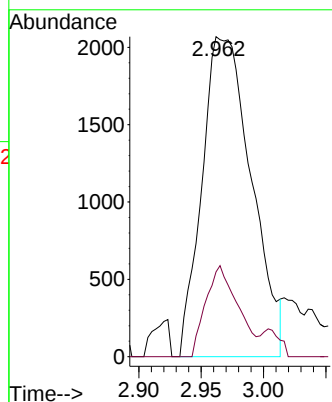
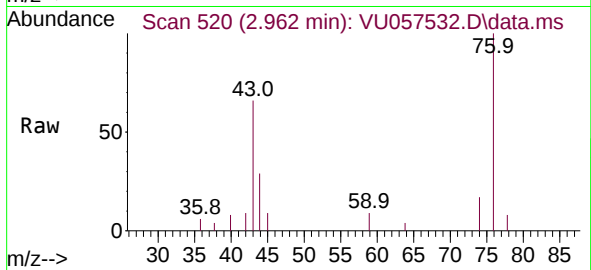




#15
Methyl Acetate
Concen: 0.852 ug/L
RT: 2.962 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

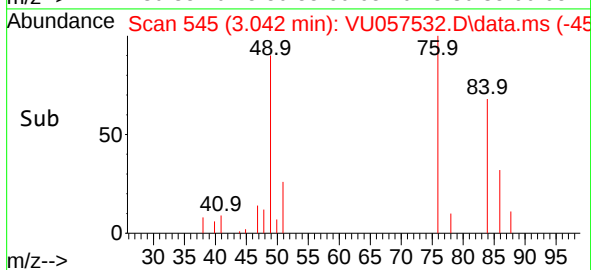
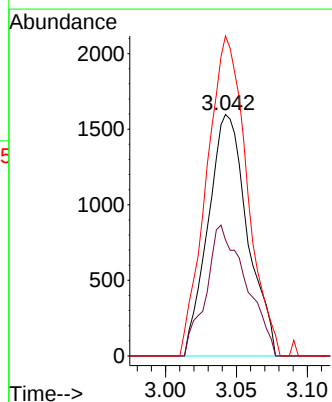
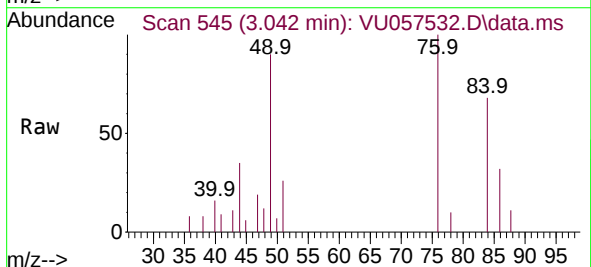
Instrument :
MSVOA_U
ClientSampleId :

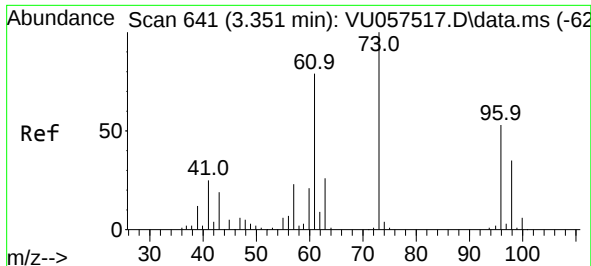
Tgt Ion: 43 Resp: 5693
Ion Ratio Lower Upper
43 100
74 18.6 18.6 27.8



#16
Methylene chloride
Concen: 0.152 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

Tgt Ion: 84 Resp: 3081
Ion Ratio Lower Upper
84 100
86 48.0 45.8 85.2
49 132.6 86.7 161.1

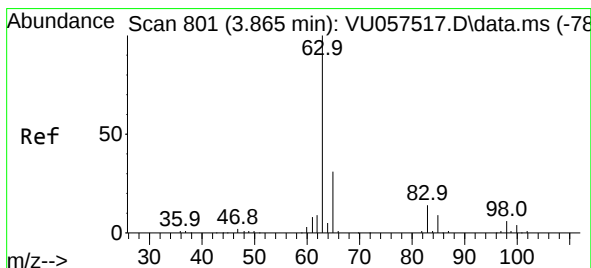
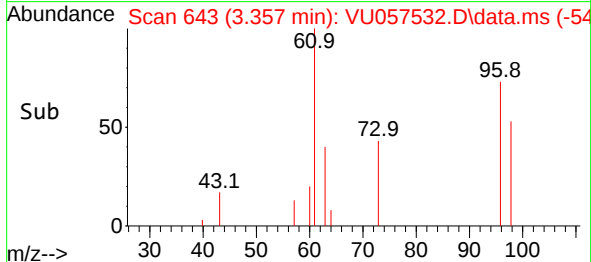
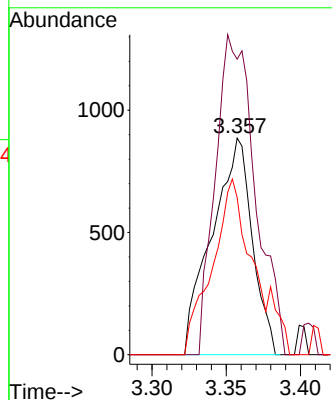
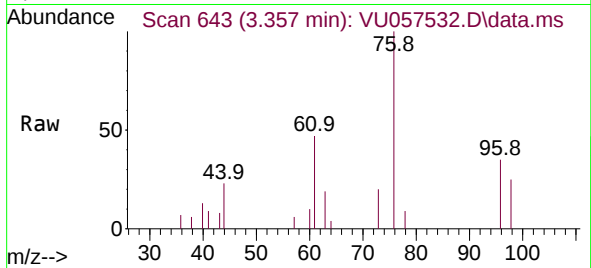




#18
trans-1,2-Dichloroethene
Concen: 0.113 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

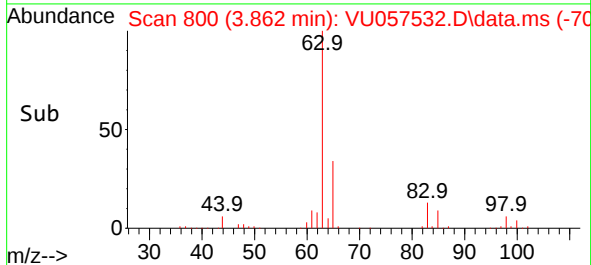
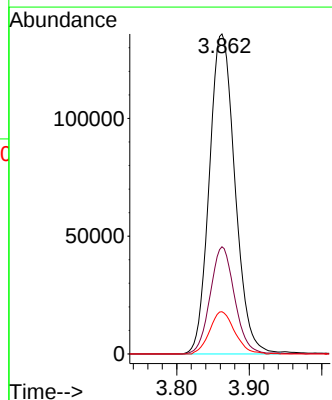
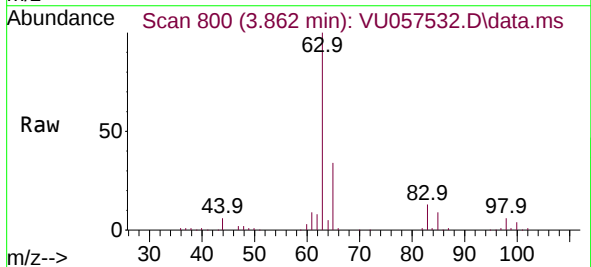
Instrument :
MSVOA_U
ClientSampleId :

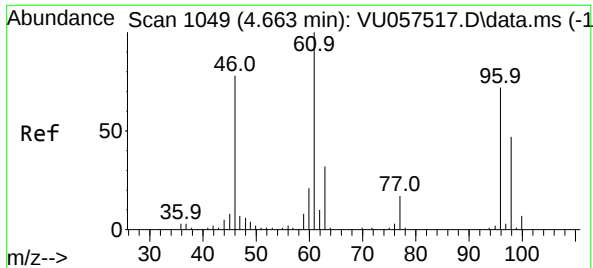
Tgt Ion: 96 Resp: 1673
Ion Ratio Lower Upper
96 100
61 136.5 105.1 195.3
98 72.6 43.7 81.1



#19
1,1-Dichloroethane
Concen: 9.963 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

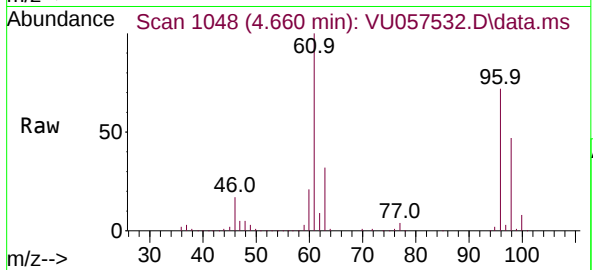
Tgt Ion: 63 Resp: 333966
Ion Ratio Lower Upper
63 100
65 33.5 22.3 41.3
83 13.2 9.1 16.9



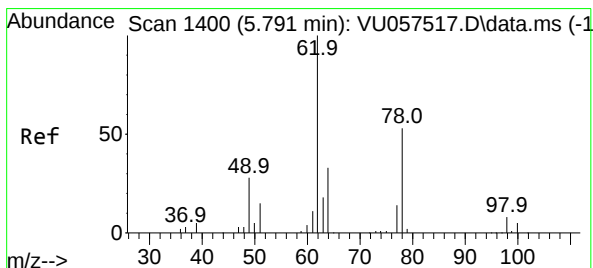
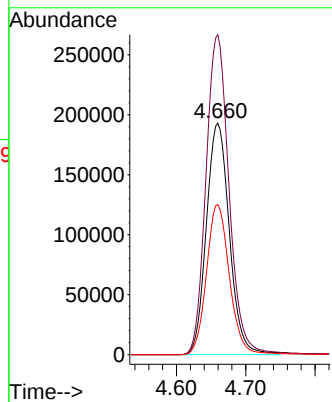
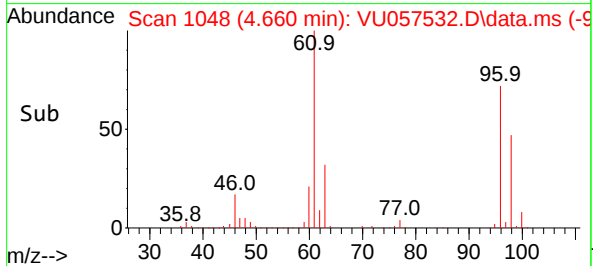


#22
 cis-1,2-Dichloroethene
 Concen: 25.797 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU057532.D
 Acq: 15 Jan 2024 16:12

Instrument :
 MSVOA_U
 ClientSampleId :

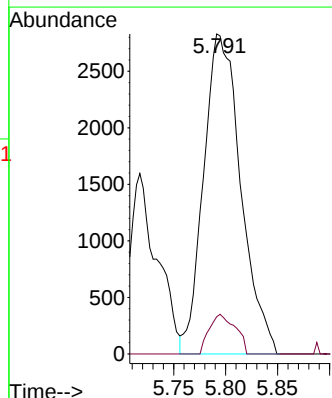
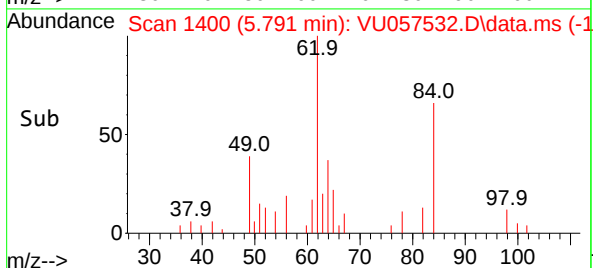
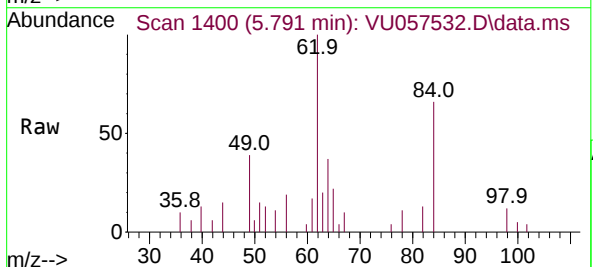


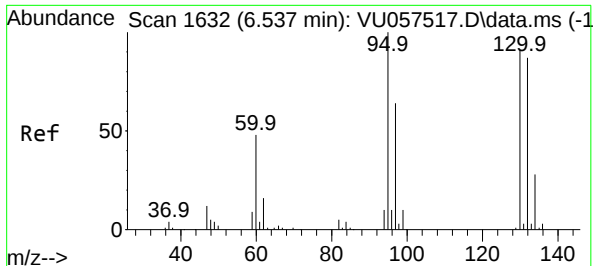
Tgt Ion: 96 Resp: 446138
 Ion Ratio Lower Upper
 96 100
 61 138.2 93.4 173.4
 98 64.8 44.9 83.3



#27
 1,2-Dichloroethane
 Concen: 0.337 ug/L
 RT: 5.791 min Scan# 1400
 Delta R.T. -0.000 min
 Lab File: VU057532.D
 Acq: 15 Jan 2024 16:12

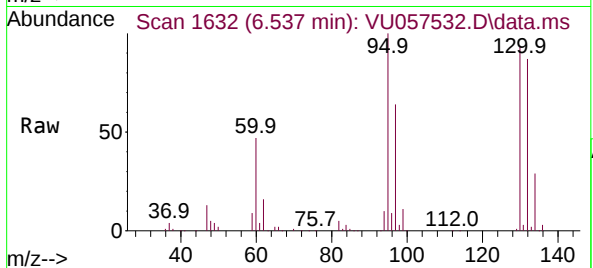
Tgt Ion: 62 Resp: 7058
 Ion Ratio Lower Upper
 62 100
 98 11.6 7.4 11.0#



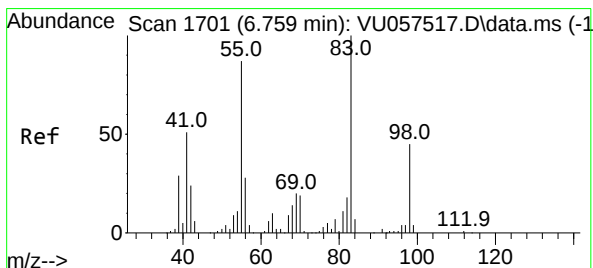
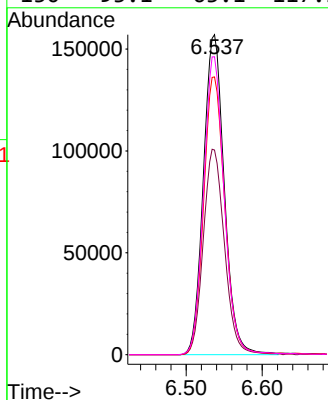
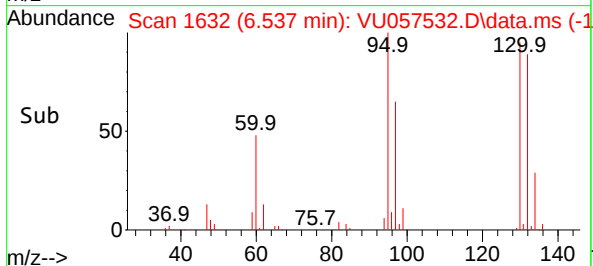


#34
Trichloroethene
Concen: 14.772 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

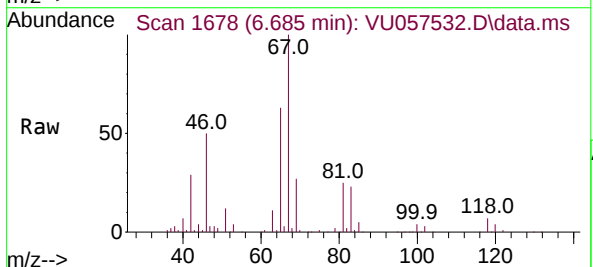
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MSVOA_U
ClientSampleId :



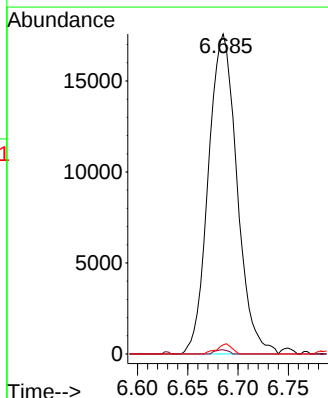
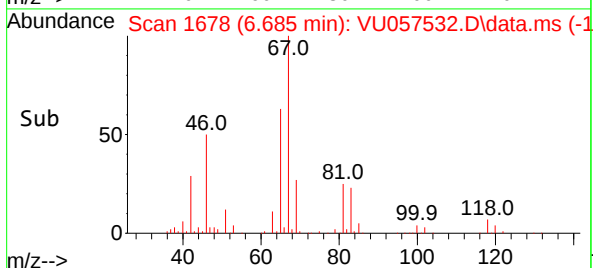
Tgt Ion: 95 Resp: 300019
Ion Ratio Lower Upper
95 100
97 64.0 45.0 83.6
132 86.8 61.7 114.5
130 93.1 63.1 117.3

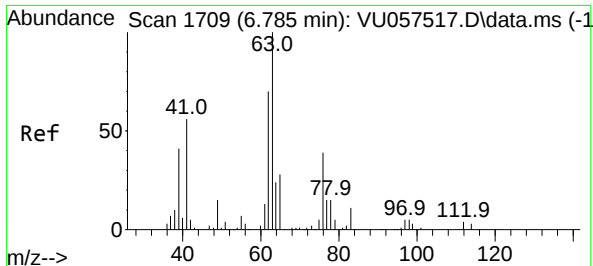


#35
Methylcyclohexane
Concen: 1.290 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12



Tgt Ion: 83 Resp: 34824
Ion Ratio Lower Upper
83 100
55 0.6 68.7 103.1#
98 1.6 36.3 54.5#

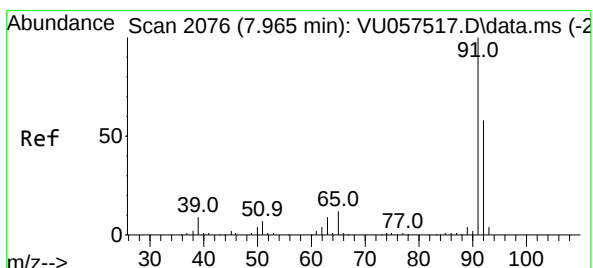
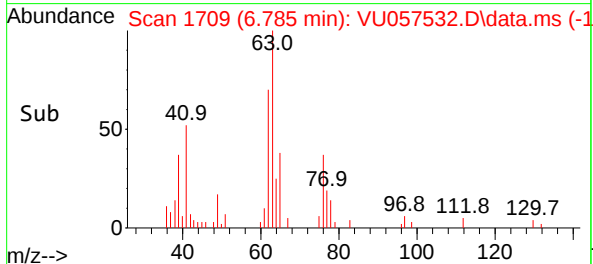
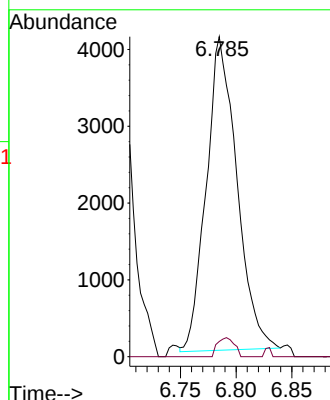
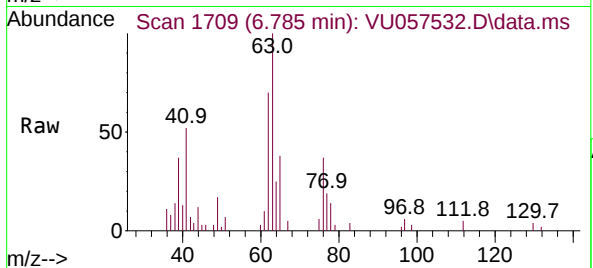




#37
1,2-Dichloropropane
Concen: 0.355 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

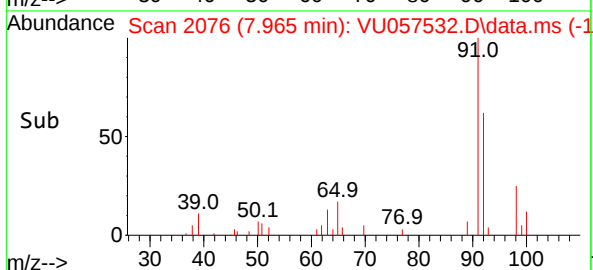
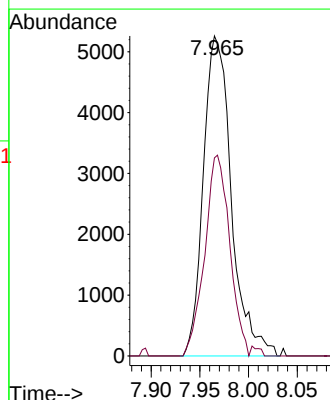
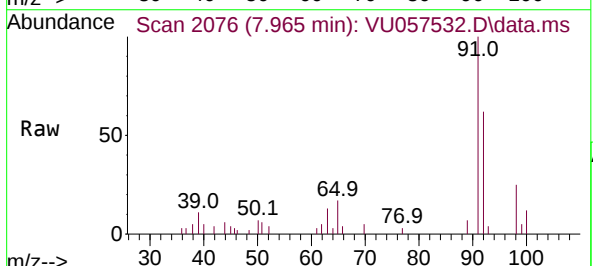
Instrument :
MSVOA_U
ClientSampleId :

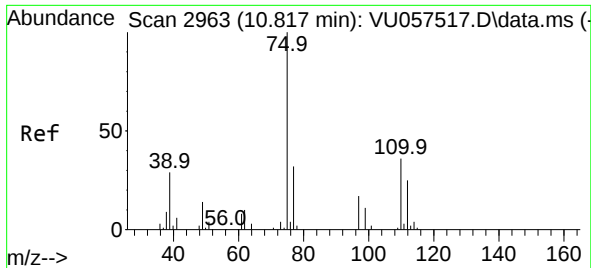
Tgt Ion: 63 Resp: 7792
Ion Ratio Lower Upper
63 100
112 3.3 2.7 4.1



#42
Toluene
Concen: 0.138 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057532.D
Acq: 15 Jan 2024 16:12

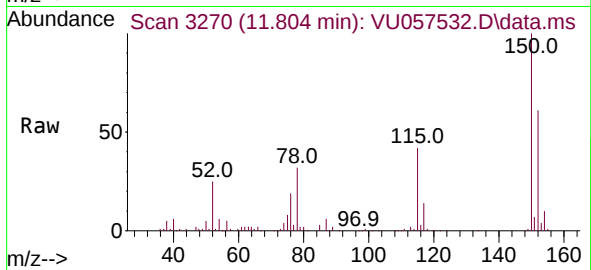
Tgt Ion: 91 Resp: 10517
Ion Ratio Lower Upper
91 100
92 61.9 41.2 76.4





#61
 1,2,3-Trichloropropane
 Concen: 1.346 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057532.D
 Acq: 15 Jan 2024 16:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.2	29.4	44.0#
77	37.4	26.2	39.4

