

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033797.D
 Acq On : 22 Jan 2024 13:01
 Operator : SY/MD
 Sample : P1189-06DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:43:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

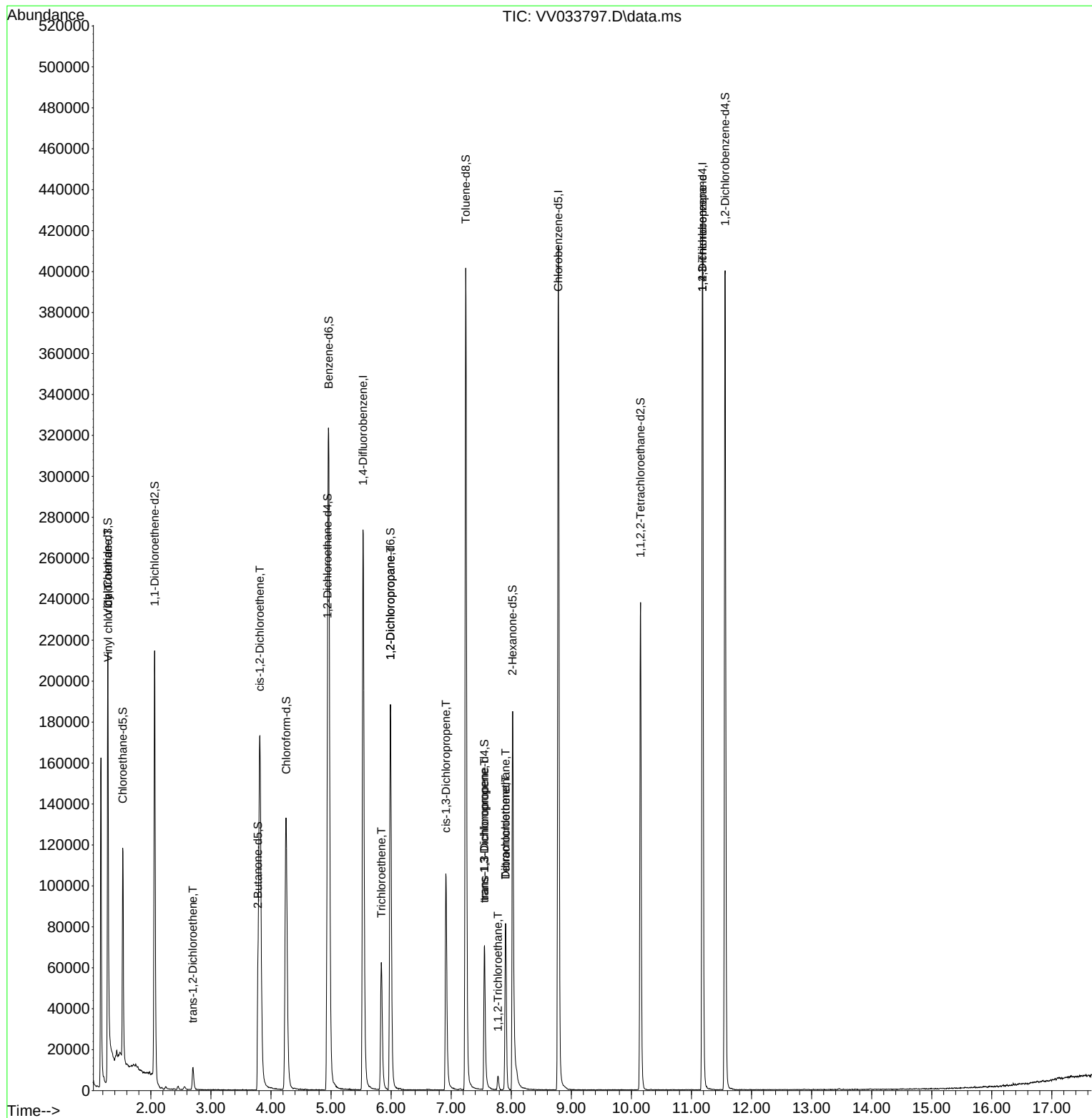
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	231601	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	218649	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	109528	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	78173	43.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.840%
7) Chloroethane-d5	1.532	69	66119	46.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.820%
11) 1,1-Dichloroethene-d2	2.063	65	36260	47.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.660%
21) 2-Butanone-d5	3.783	46	86043	70.476	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.480%
24) Chloroform-d	4.252	84	142161	44.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.340%
26) 1,2-Dichloroethane-d4	4.941	65	98086	47.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
32) Benzene-d6	4.960	84	287452	46.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	5.989	67	88780	43.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.780%
41) Toluene-d8	7.243	98	263320	47.016	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	7.555	79	41746	41.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.560%
47) 2-Hexanone-d5	8.021	63	64214	75.659	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	111165	42.557	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	101595	48.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.780%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	14563	6.948	ug/L #	1
8) Chloroethane	1.285	64	105638	84.523	ug/L #	56
17) trans-1,2-Dichloroethene	2.699	96	4214	2.714	ug/L	94
20) cis-1,2-Dichloroethene	3.815	96	87494	50.632	ug/L	96
34) Trichloroethene	5.838	95	22268	12.926	ug/L	93
37) 1,2-Dichloropropane	5.989	63	11255	6.369	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	3052	1.034	ug/L #	71
44) trans-1,3-Dichloropropene	7.551	75	2101	0.773	ug/L	86
45) 1,1,2-Trichloroethane	7.780	97	2384	1.487	ug/L	78
46) Tetrachloroethene	7.905	164	18171	14.381	ug/L	98
49) Dibromochloromethane	7.905	129	17057	10.214	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	13138	6.759	ug/L #	67

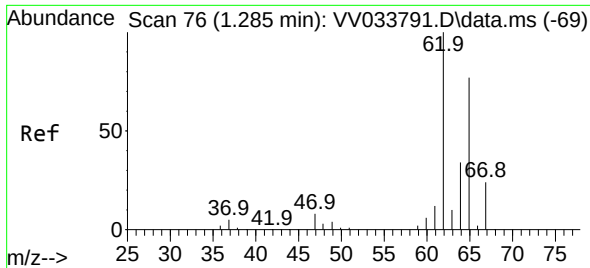
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_V/WATER
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration

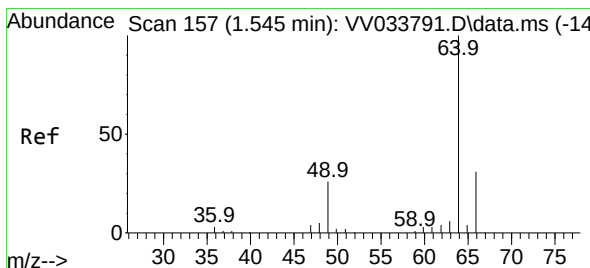
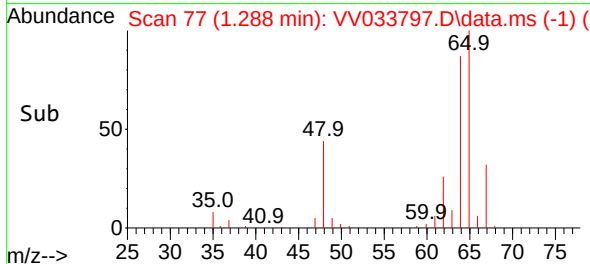
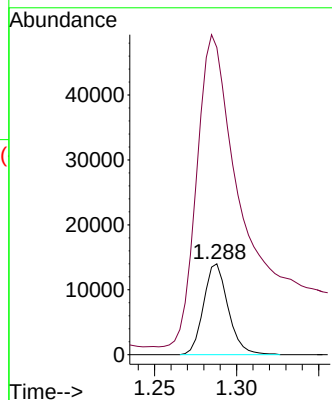
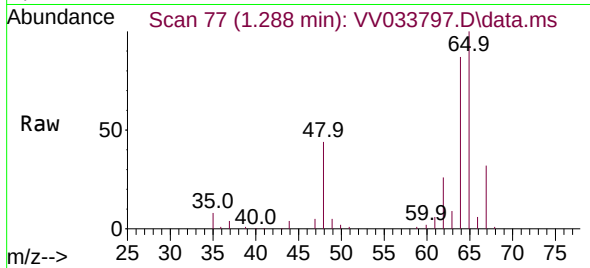




#5
Vinyl chloride
Concen: 6.948 ug/L
RT: 1.288 min Scan# 71
Delta R.T. 0.003 min
Lab File: VV033797.D
Acq: 22 Jan 2024 13:01

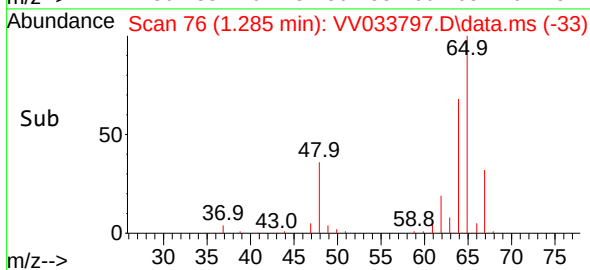
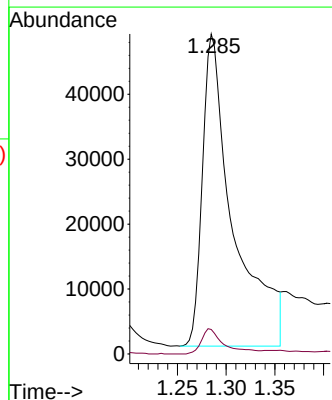
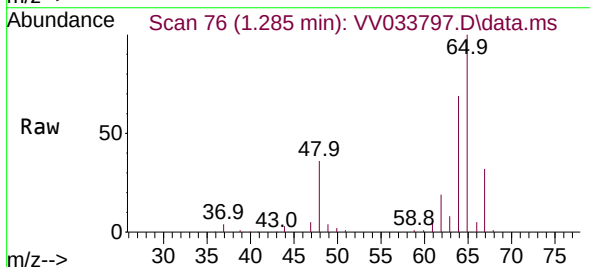
Instrument :
MSVOA_V
ClientSampleId :

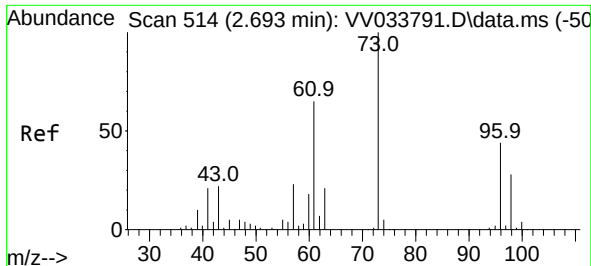
Tgt Ion: 62 Resp: 14563
Ion Ratio Lower Upper
62 100
64 338.1 23.2 43.0#



#8
Chloroethane
Concen: 84.523 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.261 min
Lab File: VV033797.D
Acq: 22 Jan 2024 13:01

Tgt Ion: 64 Resp: 105638
Ion Ratio Lower Upper
64 100
66 7.6 22.5 41.9#

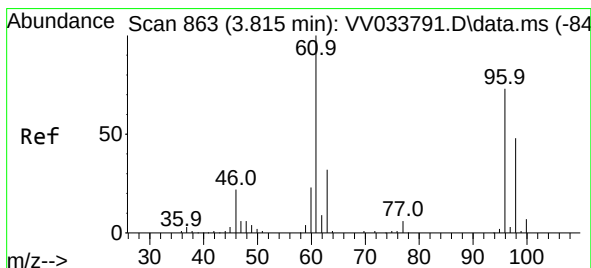
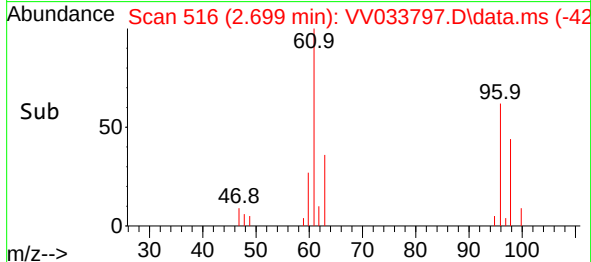
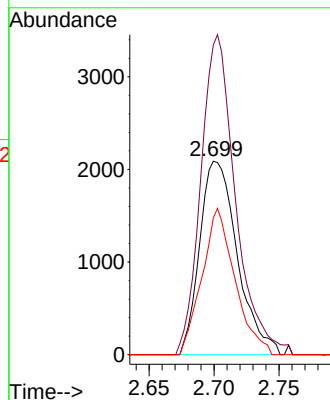
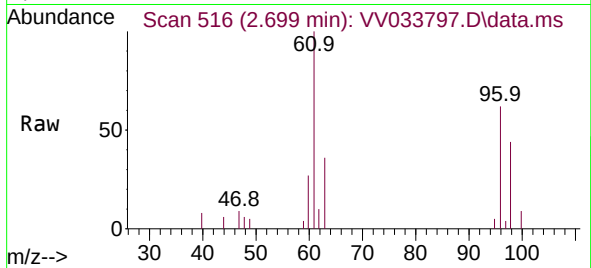




#17
trans-1,2-Dichloroethene
Concen: 2.714 ug/L
RT: 2.699 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV033797.D
Acq: 22 Jan 2024 13:01

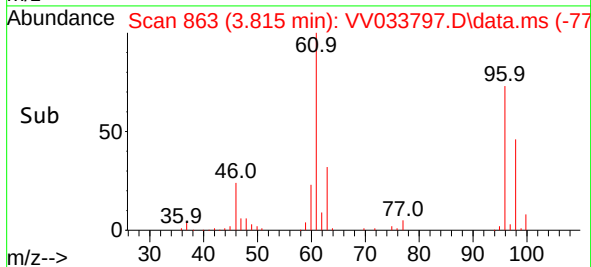
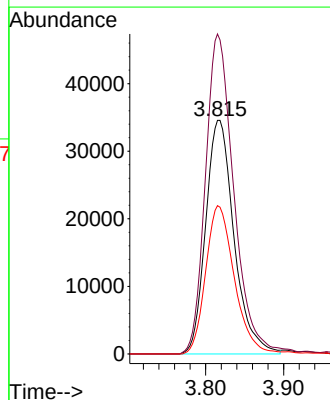
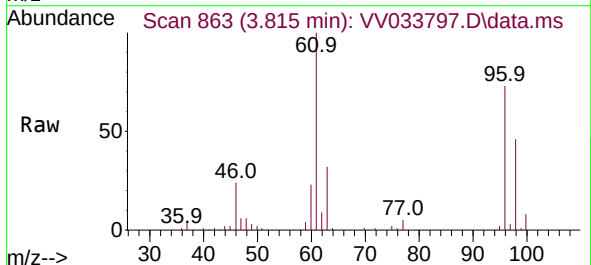
Instrument :
MSVOA_V
ClientSampleId :

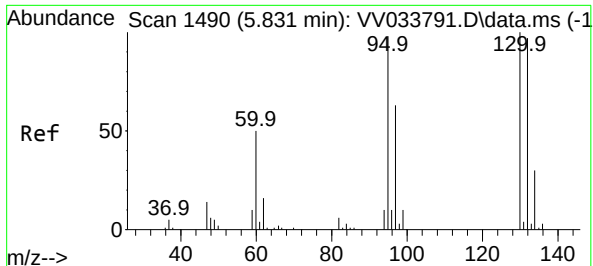
Tgt Ion: 96 Resp: 4214
Ion Ratio Lower Upper
96 100
61 160.1 108.4 201.4
98 70.7 43.8 81.4



#20
cis-1,2-Dichloroethene
Concen: 50.632 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV033797.D
Acq: 22 Jan 2024 13:01

Tgt Ion: 96 Resp: 87494
Ion Ratio Lower Upper
96 100
61 137.0 100.6 186.8
98 63.5 44.6 82.8





#34

Trichloroethene

Concen: 12.926 ug/L

RT: 5.838 min Scan# 1490

Delta R.T. 0.006 min

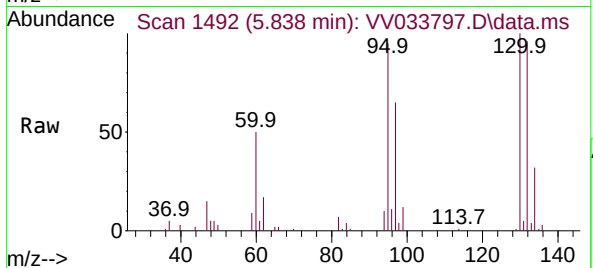
Lab File: VV033797.D

Acq: 22 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 22268

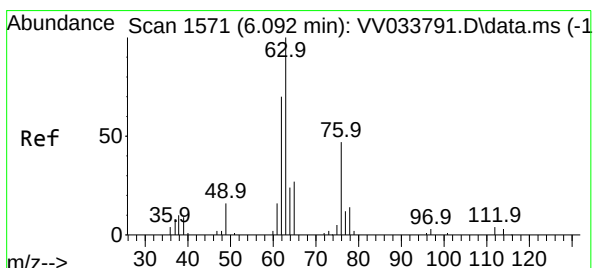
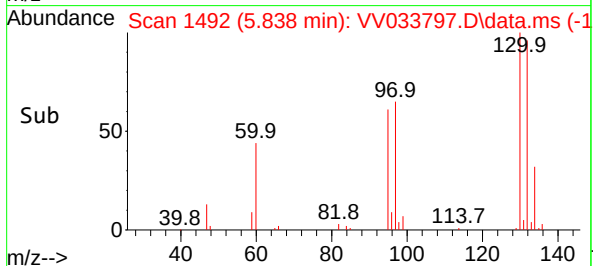
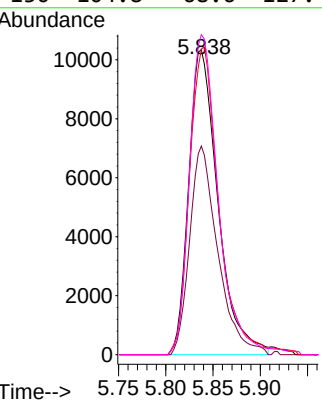
Ion Ratio Lower Upper

95 100

97 68.4 44.4 82.4

132 100.2 65.5 121.7

130 104.8 68.6 127.4



#37

1,2-Dichloropropane

Concen: 6.369 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV033797.D

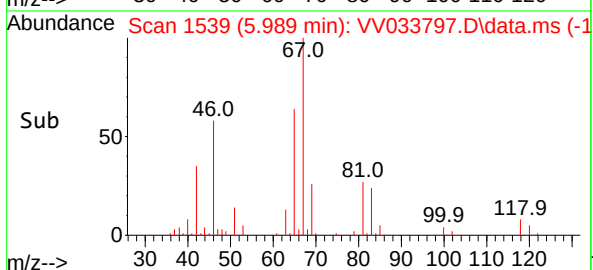
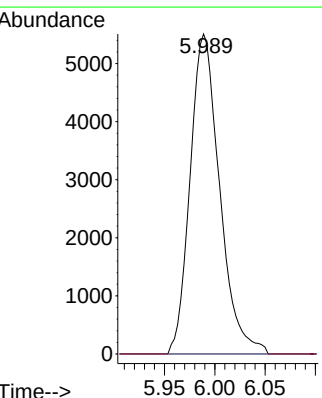
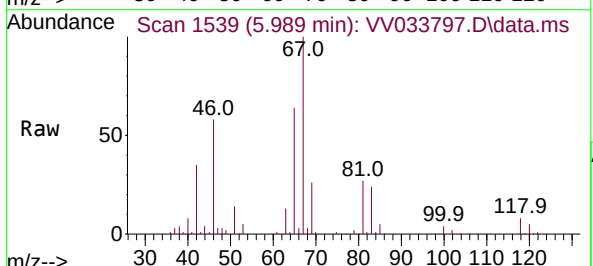
Acq: 22 Jan 2024 13:01

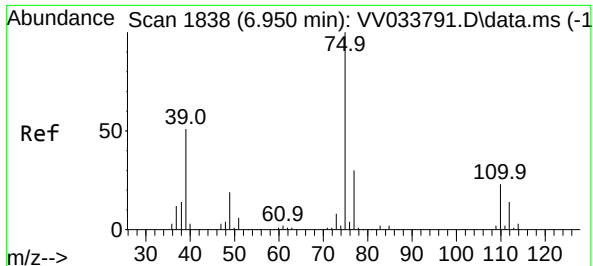
Tgt Ion: 63 Resp: 11255

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.034 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033797.D

Acq: 22 Jan 2024 13:01

Instrument :

MSVOA_V

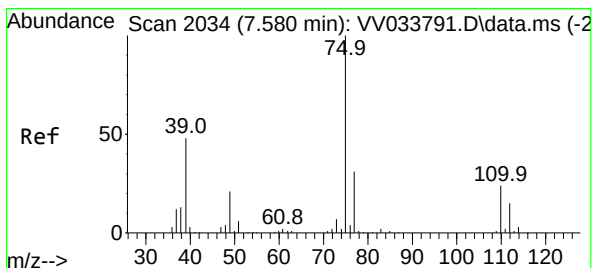
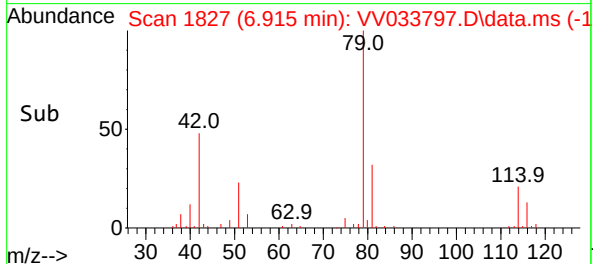
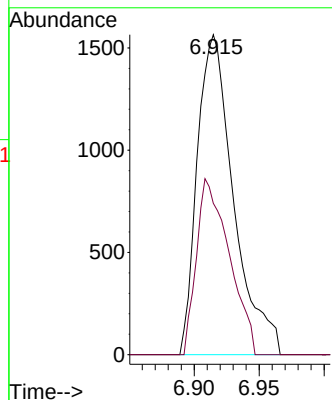
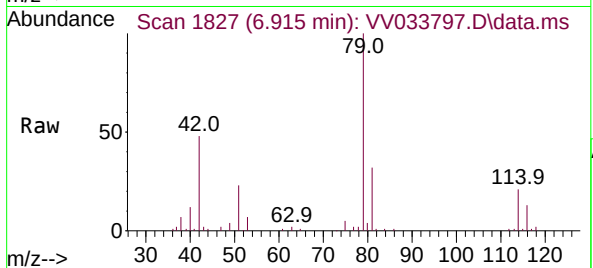
ClientSampleId :

Tgt Ion: 75 Resp: 3052

Ion Ratio Lower Upper

75 100

77 47.3 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.773 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV033797.D

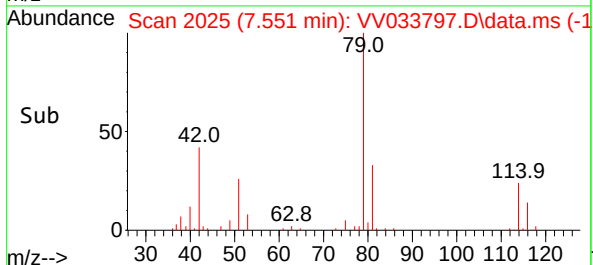
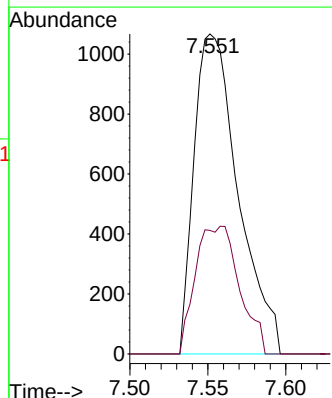
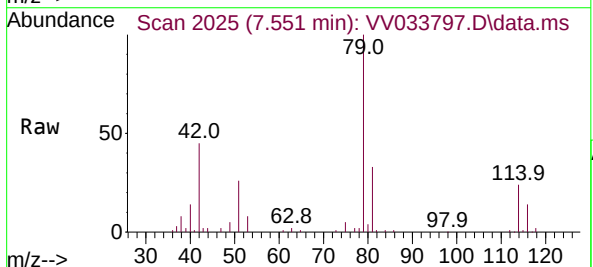
Acq: 22 Jan 2024 13:01

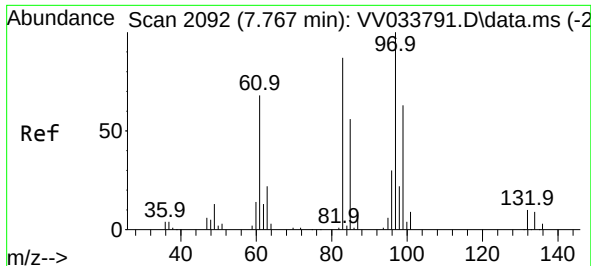
Tgt Ion: 75 Resp: 2101

Ion Ratio Lower Upper

75 100

77 38.6 21.6 40.0



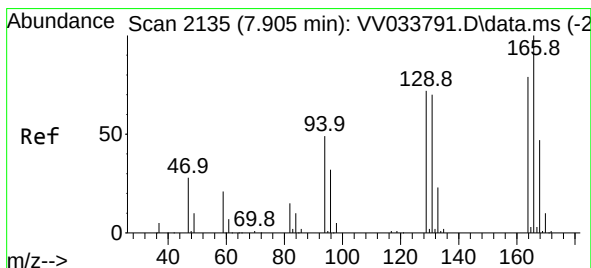
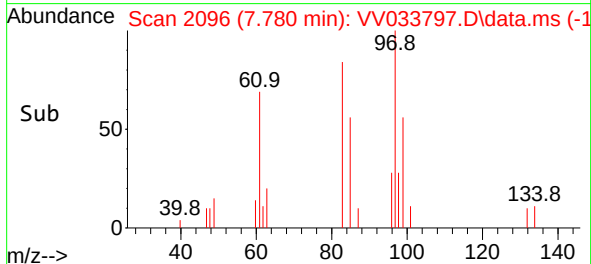
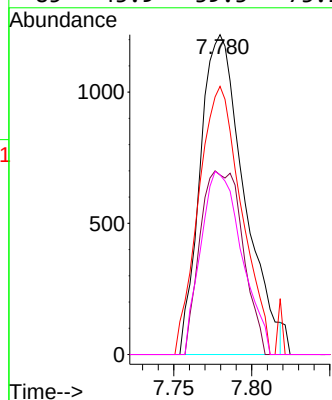
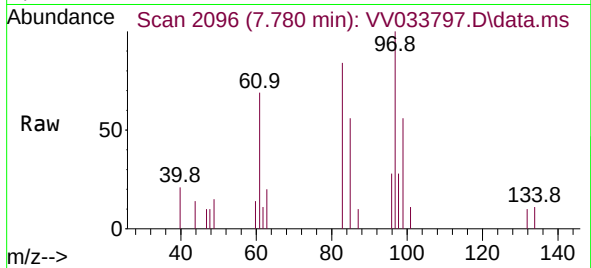


#45
1,1,2-Trichloroethane
Concen: 1.487 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.013 min
Lab File: VV033797.D
Acq: 22 Jan 2024 13:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 2384

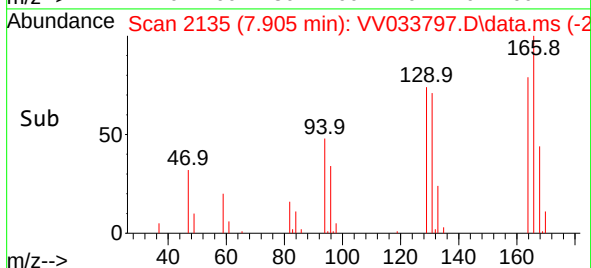
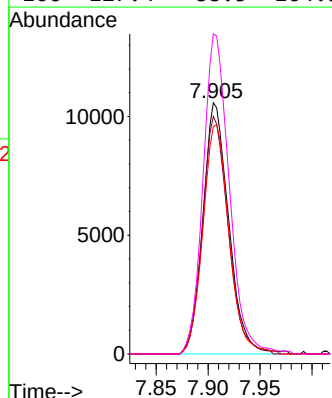
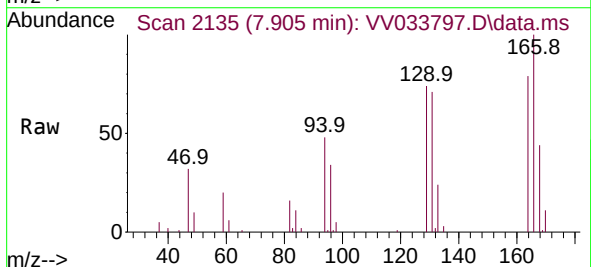
Ion	Ratio	Lower	Upper
97	100		
99	43.8	42.8	79.6
83	65.4	61.2	113.8
85	43.9	39.3	73.1

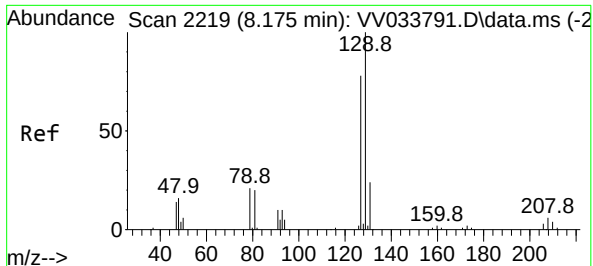


#46
Tetrachloroethene
Concen: 14.381 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033797.D
Acq: 22 Jan 2024 13:01

Tgt Ion: 164 Resp: 18171

Ion	Ratio	Lower	Upper
164	100		
129	94.5	66.1	122.7
131	90.5	65.9	122.5
166	127.4	88.5	164.3





#49

Dibromochloromethane

Concen: 10.214 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV033797.D

Acq: 22 Jan 2024 13:01

Instrument :

MSVOA_V

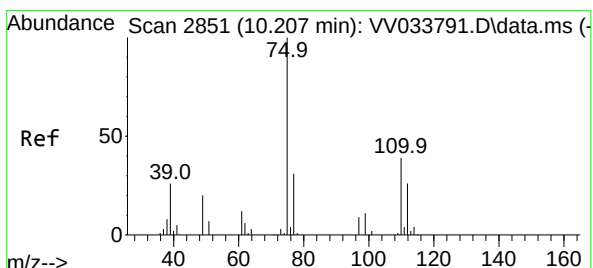
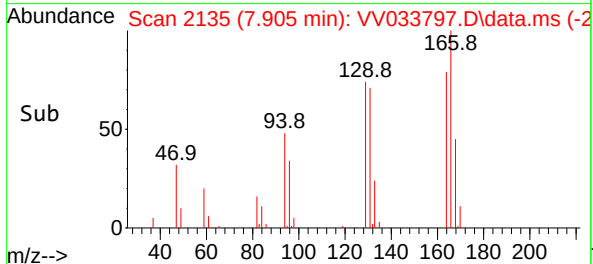
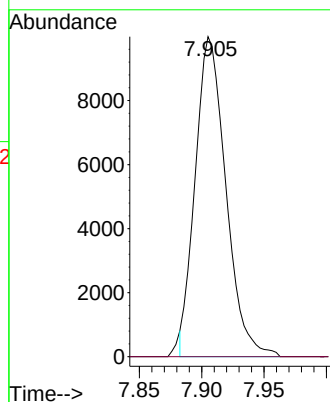
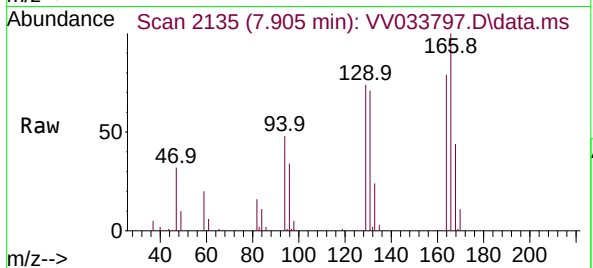
ClientSampleId :

Tgt Ion:129 Resp: 17057

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#61

1,2,3-Trichloropropane

Concen: 6.759 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033797.D

Acq: 22 Jan 2024 13:01

Tgt Ion: 75 Resp: 13138

Ion Ratio Lower Upper

75 100

77 34.2 25.3 37.9

110 2.9 29.5 44.3#

