

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033803.D
 Acq On : 22 Jan 2024 15:24
 Operator : SY/MD
 Sample : P1190-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:45:07 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)

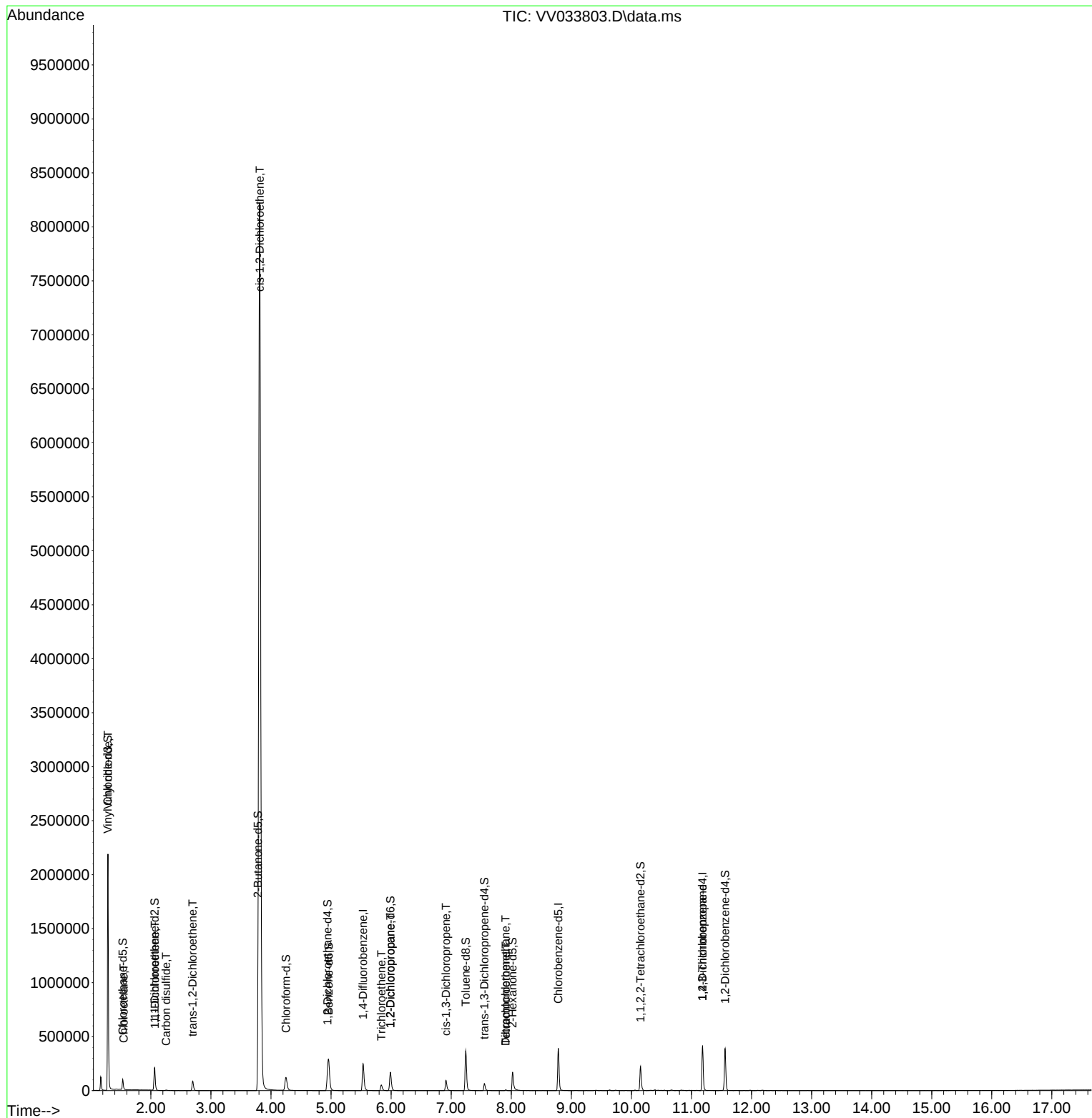
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	215757	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	203969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	81543	49.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.360%
7) Chloroethane-d5	1.532	69	60195	45.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.680%
11) 1,1-Dichloroethene-d2	2.063	65	34707	48.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.260%
21) 2-Butanone-d5	3.783	46	90921	79.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.940%
24) Chloroform-d	4.249	84	129268	43.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.941	65	87778	45.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
32) Benzene-d6	4.960	84	255437	44.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.100%
36) 1,2-Dichloropropane-d6	5.989	67	79322	41.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.120%
41) Toluene-d8	7.243	98	239153	45.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.540%
43) trans-1,3-Dichloroprop...	7.551	79	38808	41.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.280%
47) 2-Hexanone-d5	8.021	63	60264	76.116	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.120%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	103464	42.460	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	94343	47.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.980%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	1263585	647.132	ug/L	99
8) Chloroethane	1.548	64	2886	2.479	ug/L #	72
12) 1,1-Dichloroethene	2.069	96	5508	4.254	ug/L #	1
14) Carbon disulfide	2.256	76	9376	2.130	ug/L #	94
17) trans-1,2-Dichloroethene	2.696	96	32719	22.621	ug/L	96
20) cis-1,2-Dichloroethene	3.812	96	4309574	2677.064	ug/L	95
34) Trichloroethene	5.838	95	18967	11.802	ug/L	99
37) 1,2-Dichloropropane	5.989	63	9758	5.919	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	2899	1.053	ug/L #	71
46) Tetrachloroethene	7.908	164	1608	1.364	ug/L	96
49) Dibromochloromethane	7.905	129	1709	1.097	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	12364	6.723	ug/L #	64

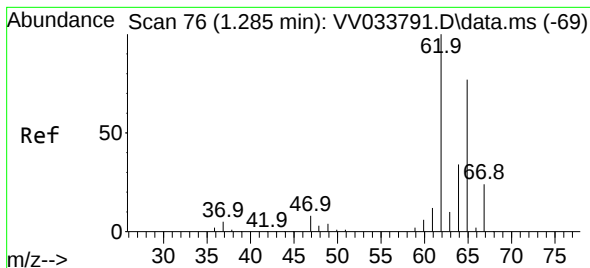
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 647.132 ug/L

RT: 1.285 min Scan# 70

Delta R.T. -0.000 min

Lab File: VV033803.D

Acq: 22 Jan 2024 15:24

Instrument :

MSVOA_V

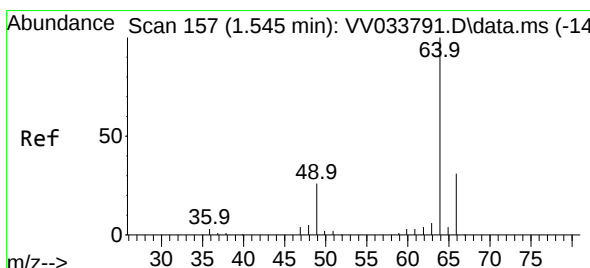
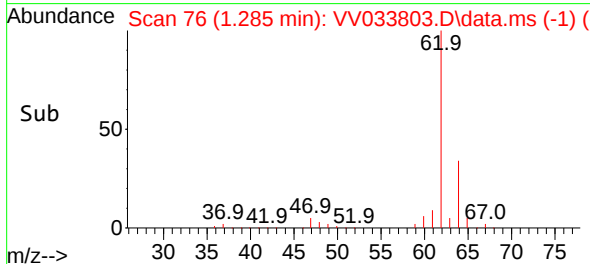
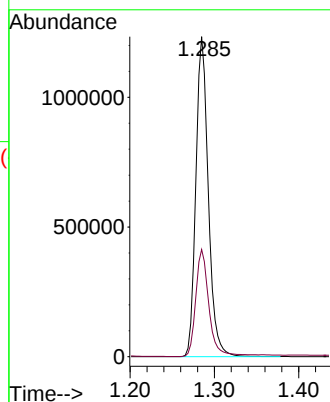
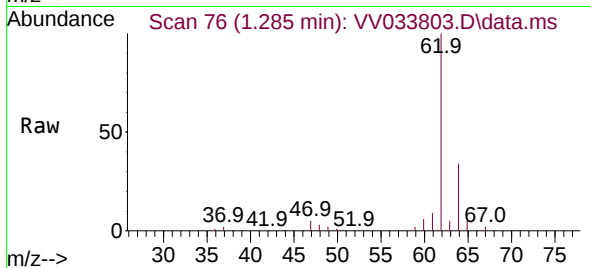
ClientSampleId :

Tgt Ion: 62 Resp: 1263585

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.0



#8

Chloroethane

Concen: 2.479 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.003 min

Lab File: VV033803.D

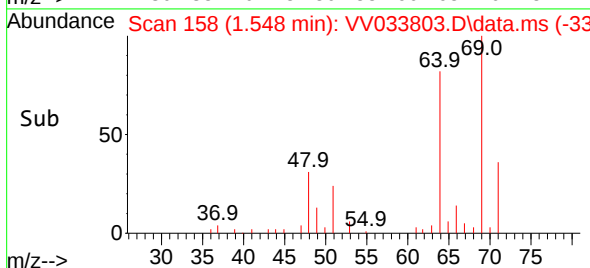
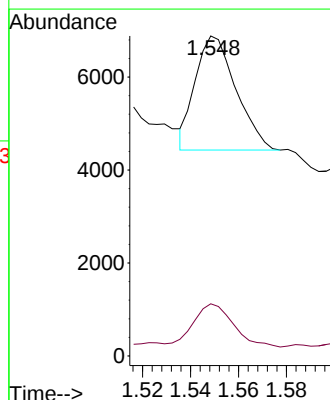
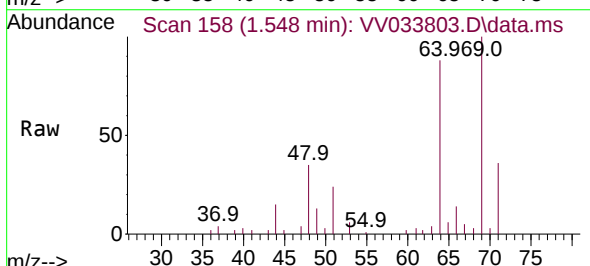
Acq: 22 Jan 2024 15:24

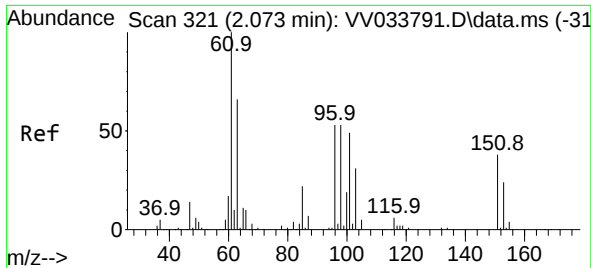
Tgt Ion: 64 Resp: 2886

Ion Ratio Lower Upper

64 100

66 16.3 22.5 41.9#

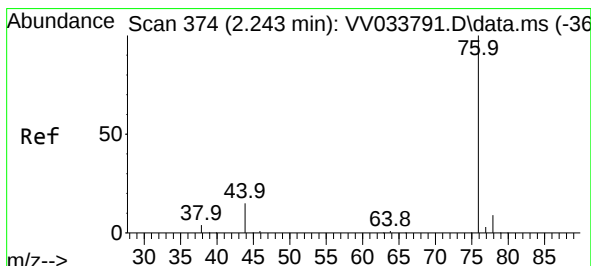
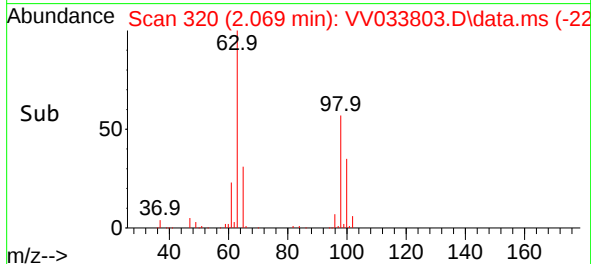
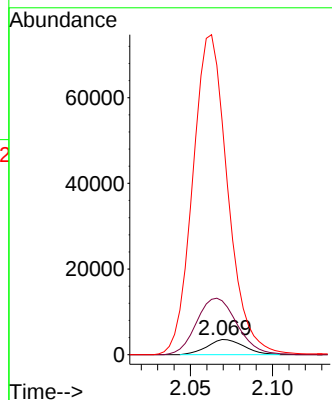
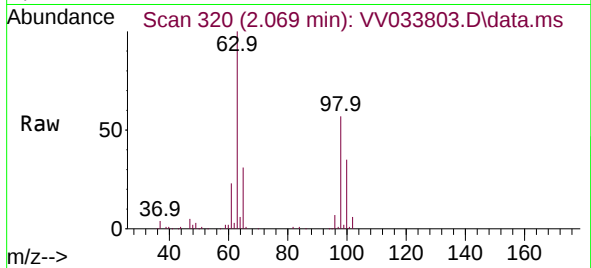




#12
1,1-Dichloroethene
Concen: 4.254 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV033803.D
Acq: 22 Jan 2024 15:24

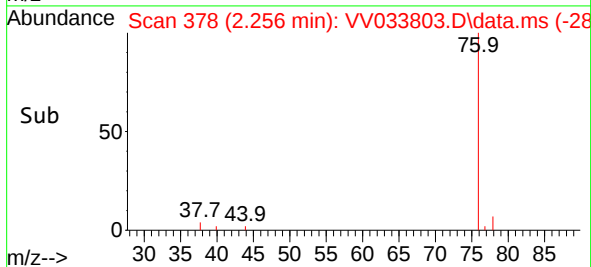
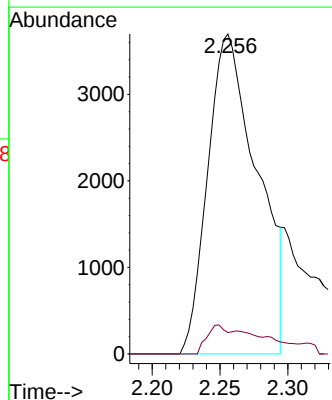
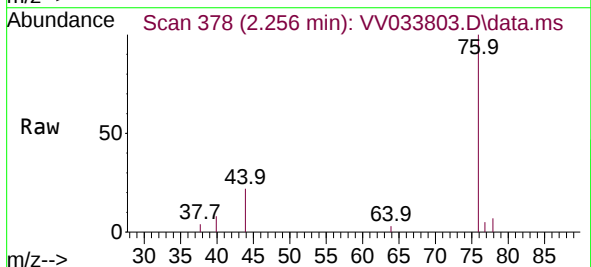
Instrument :
MSVOA_V
ClientSampleId :

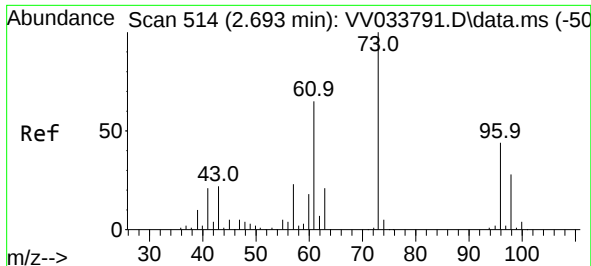
Tgt Ion: 96 Resp: 5508
Ion Ratio Lower Upper
96 100
61 355.3 134.0 248.8#
63 1536.7 103.4 192.0#



#14
Carbon disulfide
Concen: 2.130 ug/L
RT: 2.256 min Scan# 378
Delta R.T. 0.013 min
Lab File: VV033803.D
Acq: 22 Jan 2024 15:24

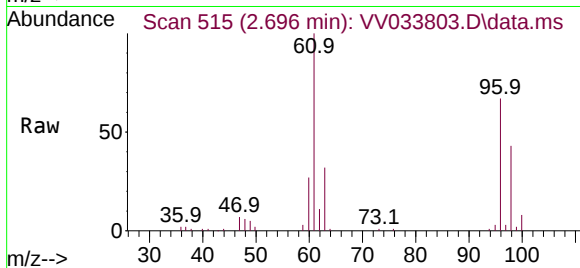
Tgt Ion: 76 Resp: 9376
Ion Ratio Lower Upper
76 100
78 6.7 7.1 10.7#



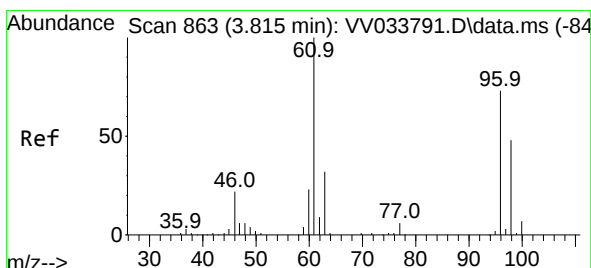
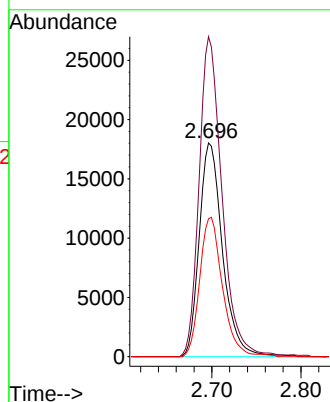
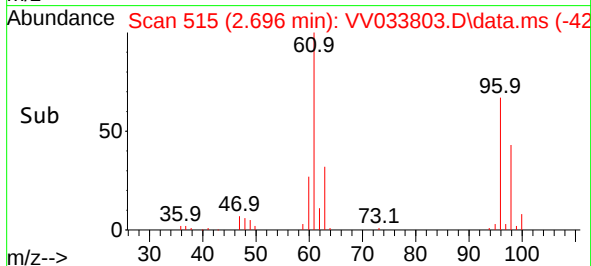


#17
trans-1,2-Dichloroethene
Concen: 22.621 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV033803.D
Acq: 22 Jan 2024 15:24

Instrument :
MSVOA_V
ClientSampleId :

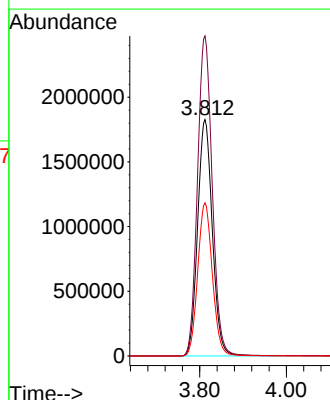
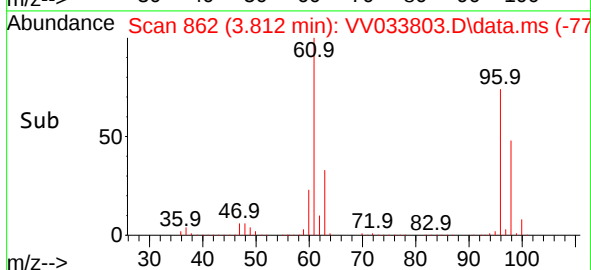
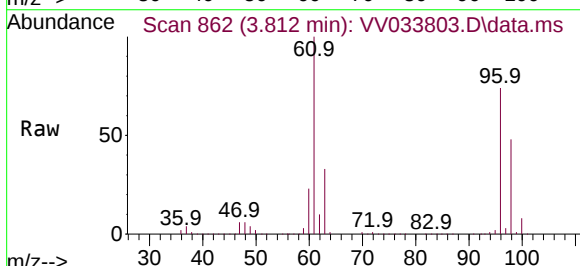


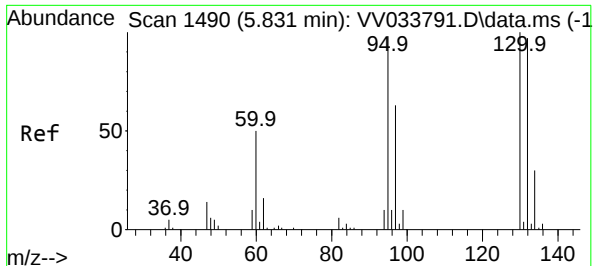
Tgt Ion: 96 Resp: 32719
Ion Ratio Lower Upper
96 100
61 149.7 108.4 201.4
98 64.5 43.8 81.4



#20
cis-1,2-Dichloroethene
Concen: 2677.064 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV033803.D
Acq: 22 Jan 2024 15:24

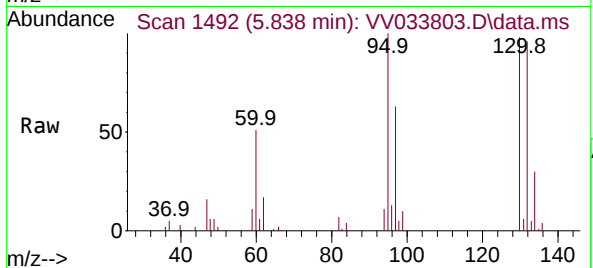
Tgt Ion: 96 Resp: 4309574
Ion Ratio Lower Upper
96 100
61 135.4 100.6 186.8
98 64.8 44.6 82.8



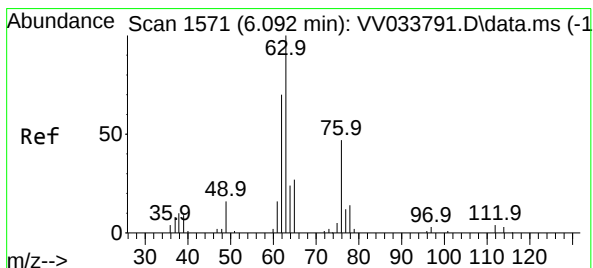
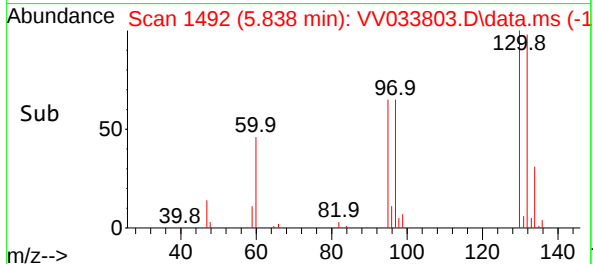
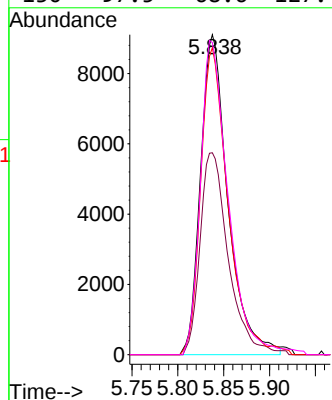


#34
Trichloroethene
Concen: 11.802 ug/L
RT: 5.838 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV033803.D
Acq: 22 Jan 2024 15:24

Instrument :
MSVOA_V
ClientSampleId :

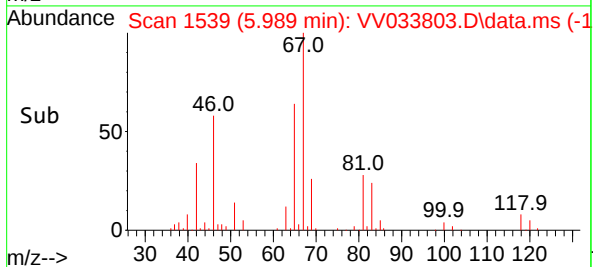
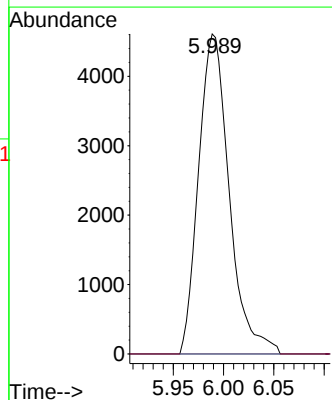
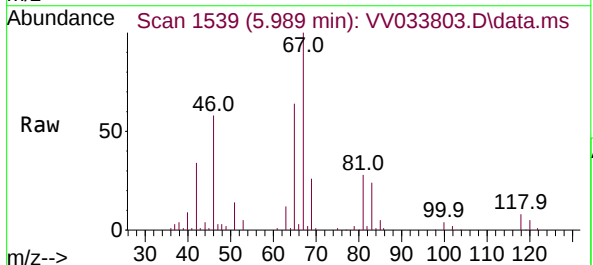


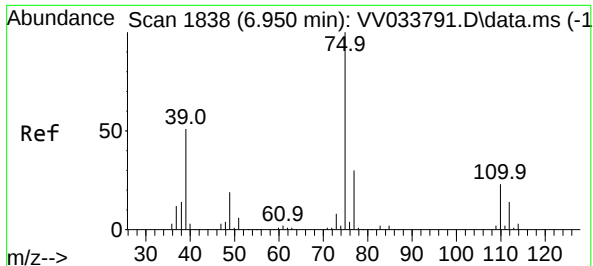
Tgt Ion: 95 Resp: 18967
Ion Ratio Lower Upper
95 100
97 63.1 44.4 82.4
132 95.9 65.5 121.7
130 97.5 68.6 127.4



#37
1,2-Dichloropropane
Concen: 5.919 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033803.D
Acq: 22 Jan 2024 15:24

Tgt Ion: 63 Resp: 9758
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.053 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.035 min

Lab File: VV033803.D

Acq: 22 Jan 2024 15:24

Instrument :

MSVOA_V

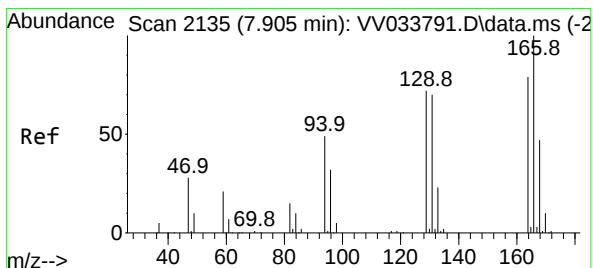
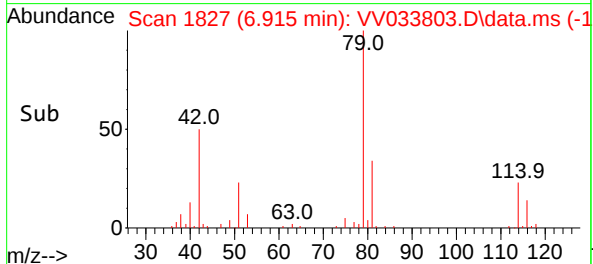
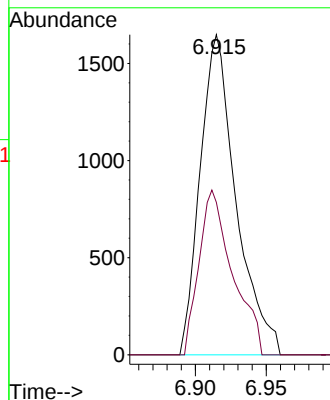
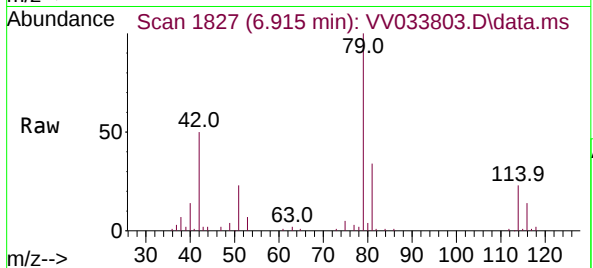
ClientSampleId :

Tgt Ion: 75 Resp: 2899

Ion Ratio Lower Upper

75 100

77 47.6 22.0 41.0#



#46

Tetrachloroethene

Concen: 1.364 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033803.D

Acq: 22 Jan 2024 15:24

Tgt Ion: 164 Resp: 1608

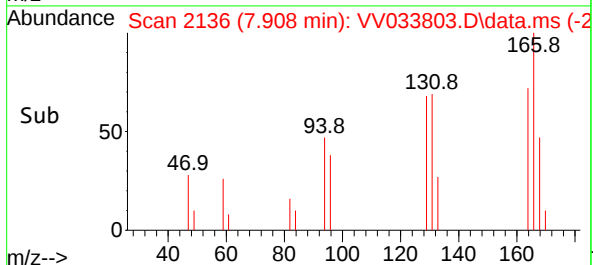
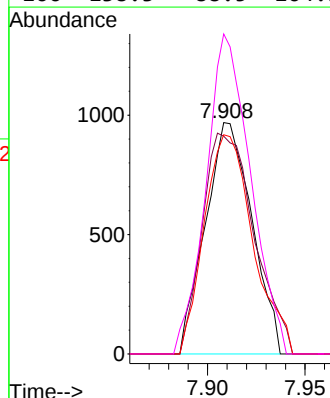
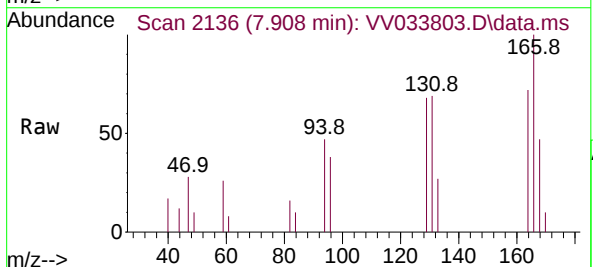
Ion Ratio Lower Upper

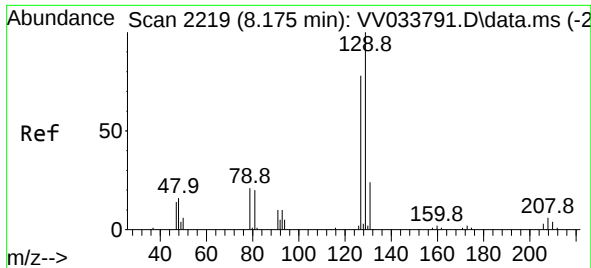
164 100

129 94.1 66.1 122.7

131 94.7 65.9 122.5

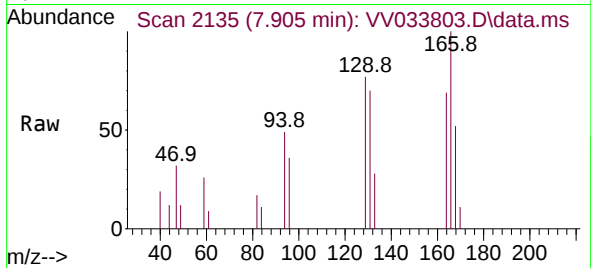
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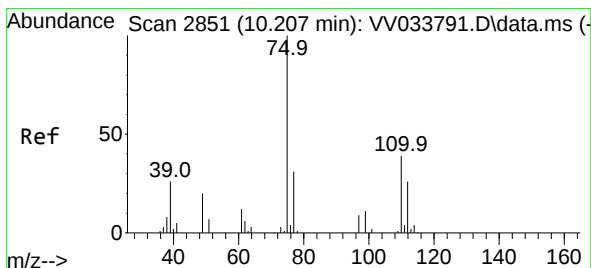
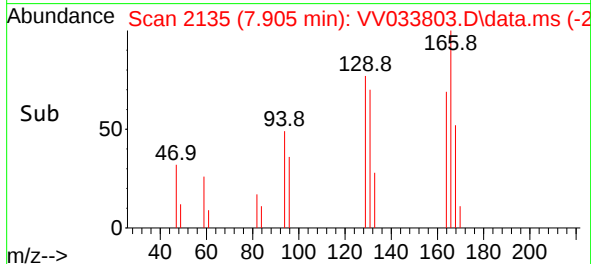
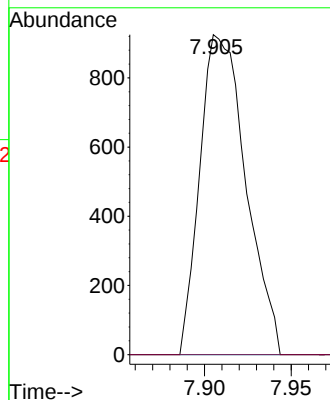


#49
Dibromochloromethane
Concen: 1.097 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV033803.D
Acq: 22 Jan 2024 15:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:129 Resp: 1709
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#



#61
1,2,3-Trichloropropane
Concen: 6.723 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV033803.D
Acq: 22 Jan 2024 15:24

Tgt Ion: 75 Resp: 12364
Ion Ratio Lower Upper
75 100
77 37.8 25.3 37.9
110 3.0 29.5 44.3#

