

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034136.D
 Acq On : 12 Feb 2024 13:45
 Operator : SY/MD
 Sample : P1455-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 13 00:46:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

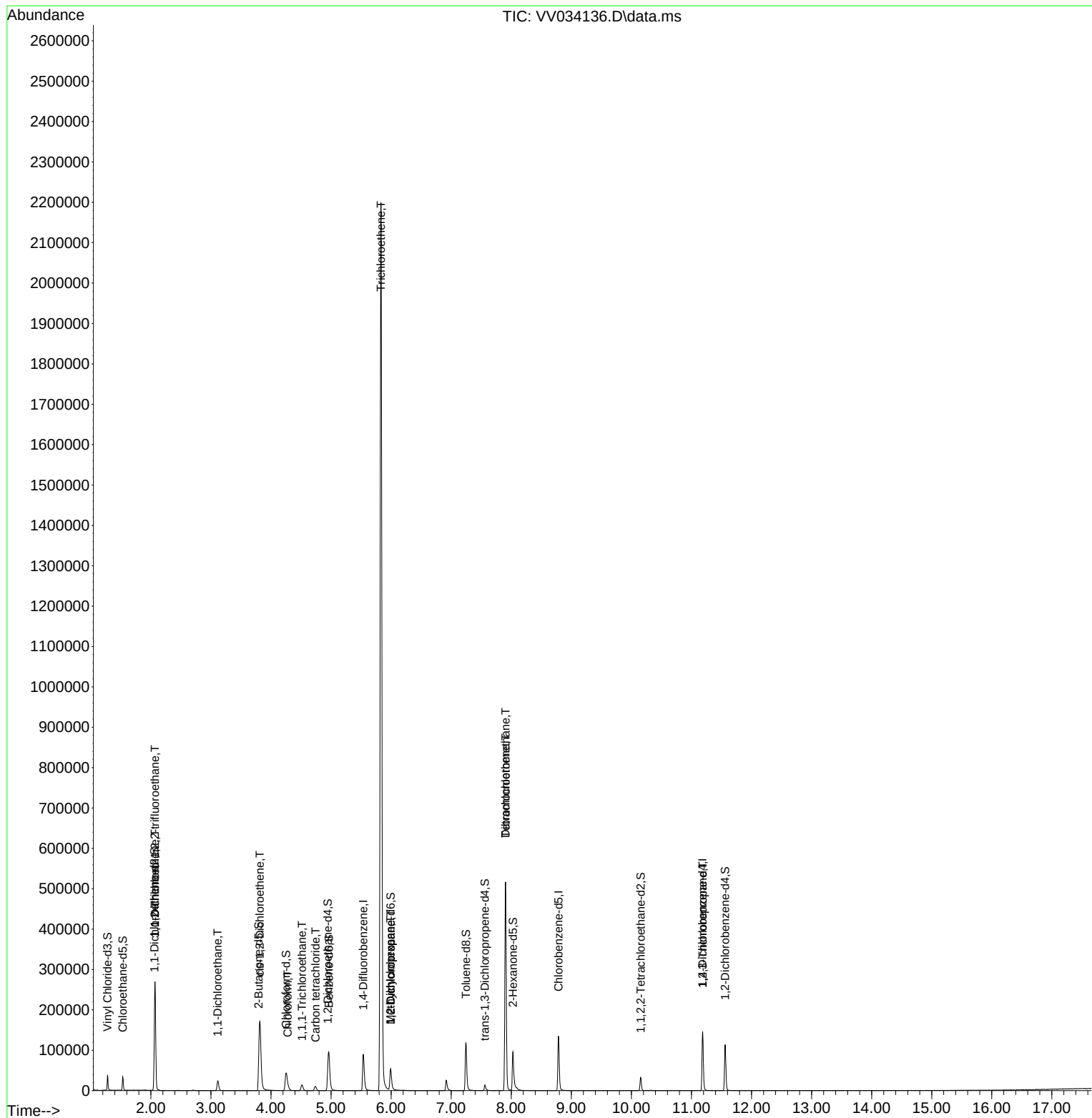
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76961	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23657	3.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.532	69	20406	3.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.060	65	12012	4.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.796	46	39668	39.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.260%
24) Chloroform-d	4.249	84	46748	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	4.944	65	23524	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.963	84	86776	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.992	67	24388	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.246	98	79175	3.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.561	79	9132	4.005	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.027	63	32485	39.905	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.800%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15252	4.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	28775	4.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7025	1.269	ug/L	94
12) 1,1-Dichloroethene	2.069	96	59852	11.132	ug/L #	80
19) 1,1-Dichloroethane	3.114	63	24936	2.478	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	87899	14.148	ug/L	96
25) Chloroform	4.278	83	7361	0.724	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	11667	1.207	ug/L	99
31) Carbon tetrachloride	4.741	117	8293	0.980	ug/L	98
34) Trichloroethene	5.831	95	723969	115.819	ug/L	98
35) Methylcyclohexane	5.989	83	5963	0.608	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3133	0.599	ug/L #	87
47) Tetrachloroethene	7.905	164	108625	21.387	ug/L	97
49) Dibromochloromethane	7.905	129	97663	25.440	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	4549	1.757	ug/L #	61

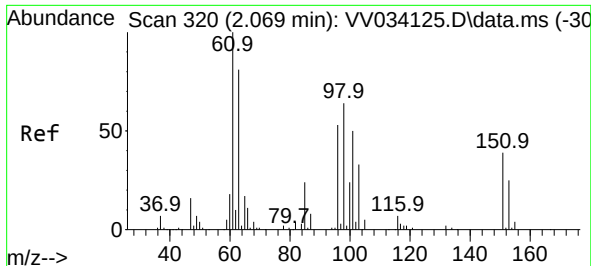
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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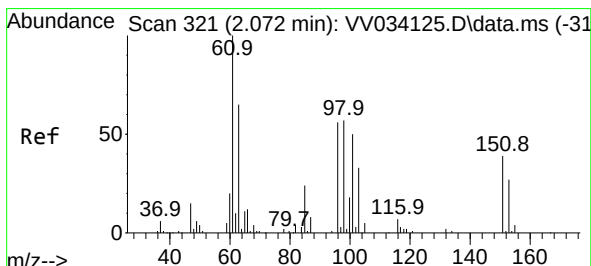
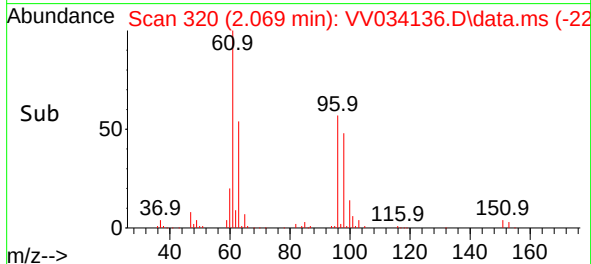
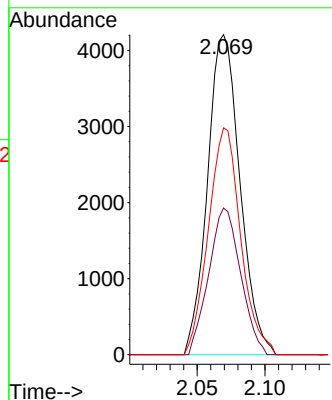
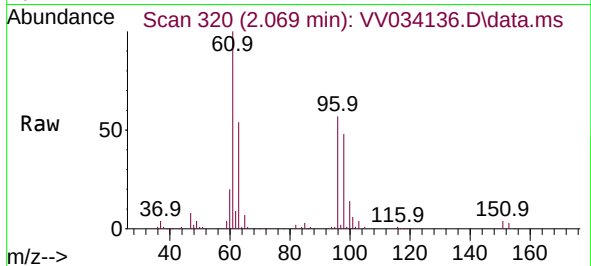




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.269 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034136.D
 Acq: 12 Feb 2024 13:45

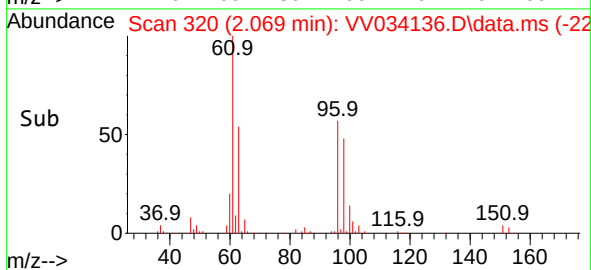
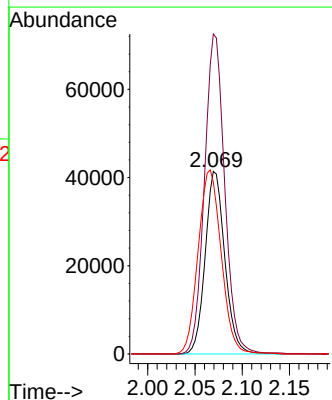
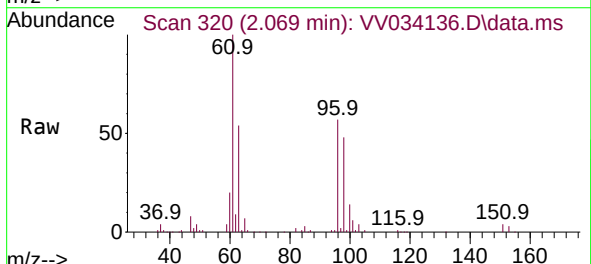
Instrument :
 MSVOA_V
 ClientSampleId :

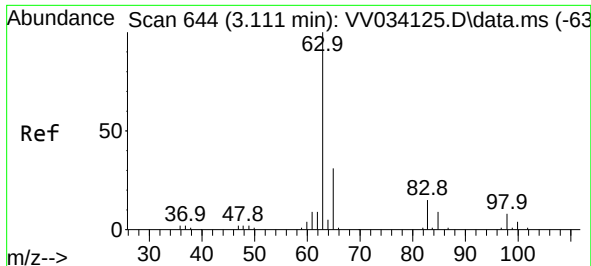
Tgt Ion:101 Resp: 7025
 Ion Ratio Lower Upper
 101 100
 85 44.9 37.1 55.7
 151 70.4 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 11.132 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV034136.D
 Acq: 12 Feb 2024 13:45

Tgt Ion: 96 Resp: 59852
 Ion Ratio Lower Upper
 96 100
 61 175.3 128.8 239.2
 63 94.2 97.9 181.9#





#19

1,1-Dichloroethane

Concen: 2.478 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV034136.D

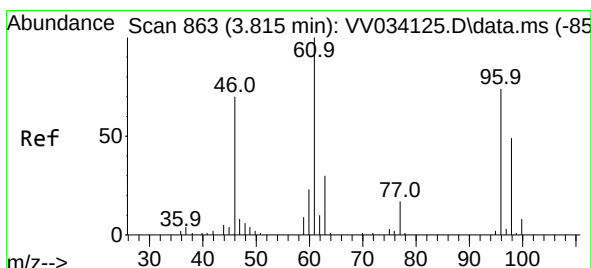
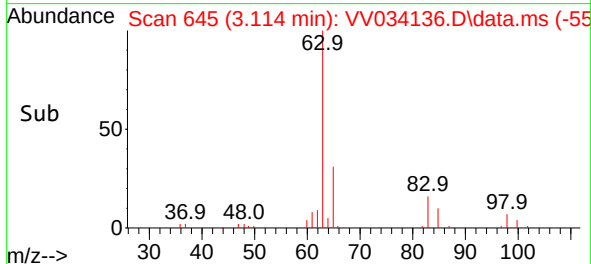
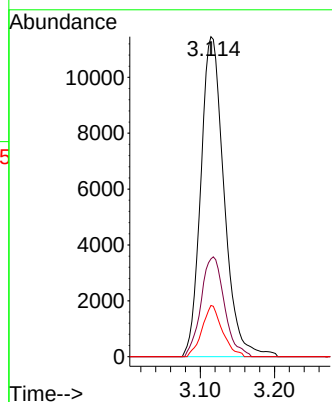
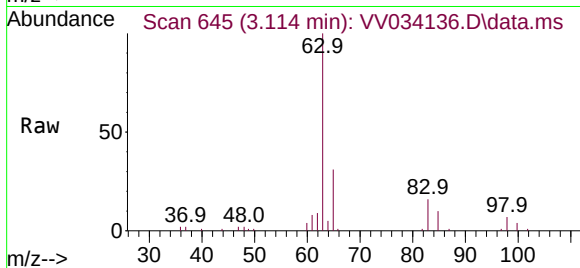
Acq: 12 Feb 2024 13:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	24936
Ion	Ratio	Lower	Upper
63	100		
65	31.4	20.8	38.6
83	16.0	9.4	17.4



#22

cis-1,2-Dichloroethene

Concen: 14.148 ug/L

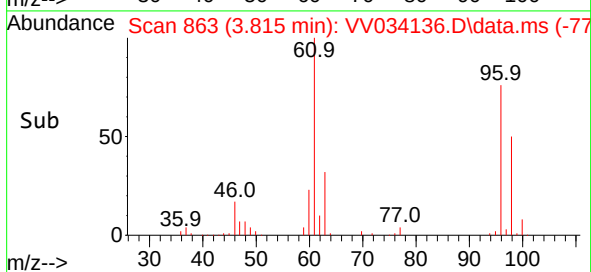
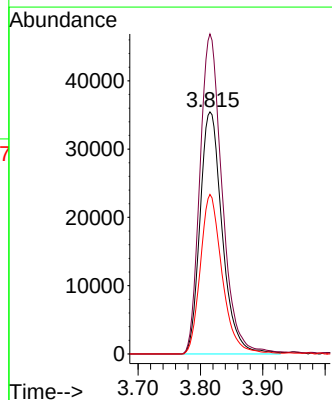
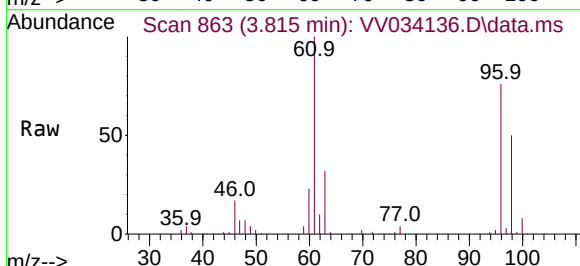
RT: 3.815 min Scan# 863

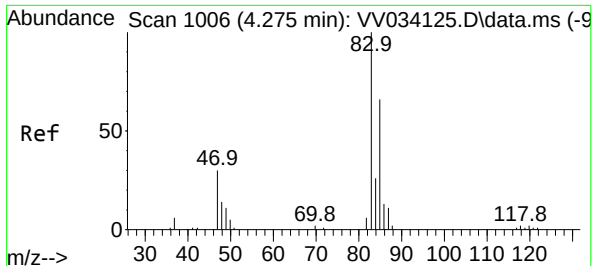
Delta R.T. 0.000 min

Lab File: VV034136.D

Acq: 12 Feb 2024 13:45

Tgt Ion:	96	Resp:	87899
Ion	Ratio	Lower	Upper
96	100		
61	132.1	90.3	167.7
98	65.9	43.2	80.2





#25

Chloroform

Concen: 0.724 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034136.D

Acq: 12 Feb 2024 13:45

Instrument :

MSVOA_V

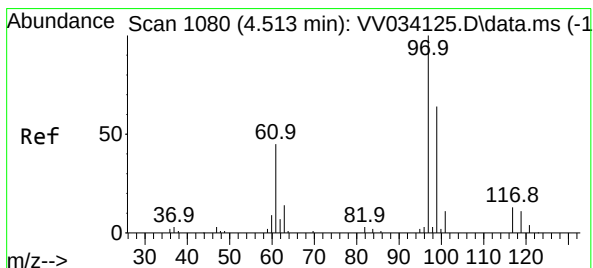
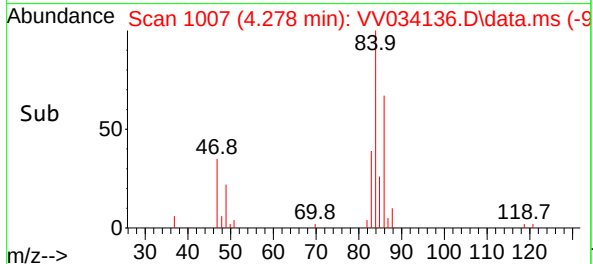
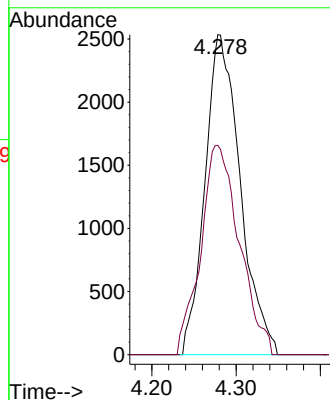
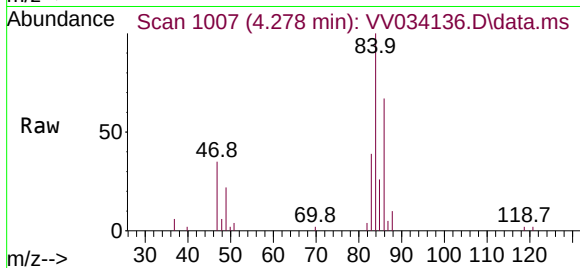
ClientSampleId :

Tgt Ion: 83 Resp: 7361

Ion Ratio Lower Upper

83 100

85 65.4 47.5 88.1



#29

1,1,1-Trichloroethane

Concen: 1.207 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV034136.D

Acq: 12 Feb 2024 13:45

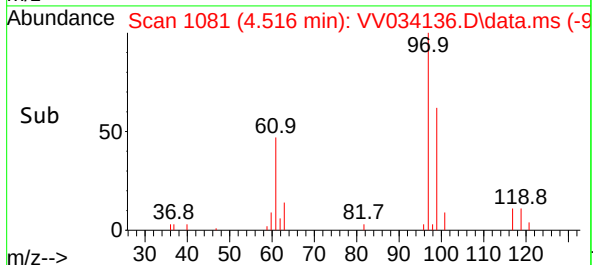
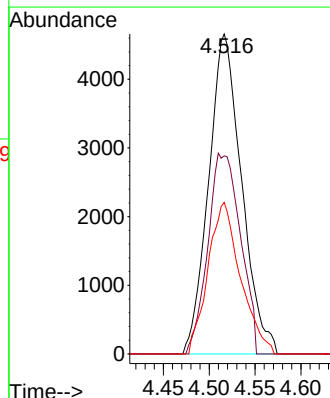
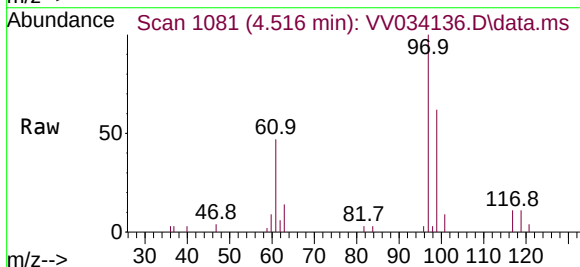
Tgt Ion: 97 Resp: 11667

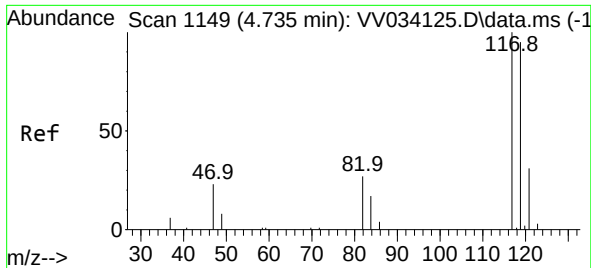
Ion Ratio Lower Upper

97 100

99 62.0 50.6 75.8

61 46.8 36.8 55.2

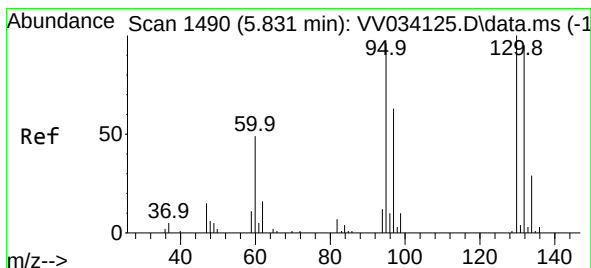
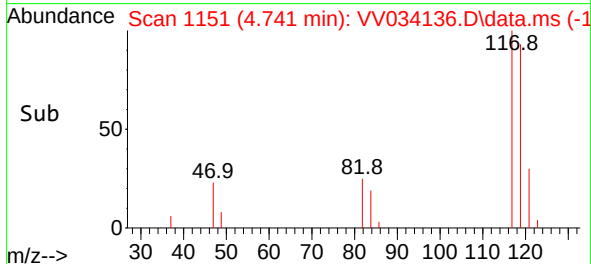
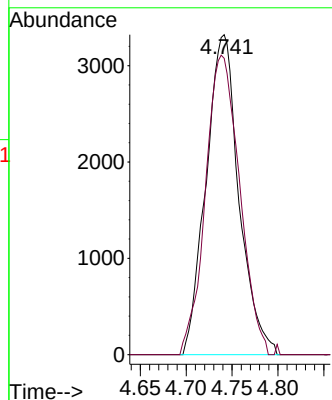
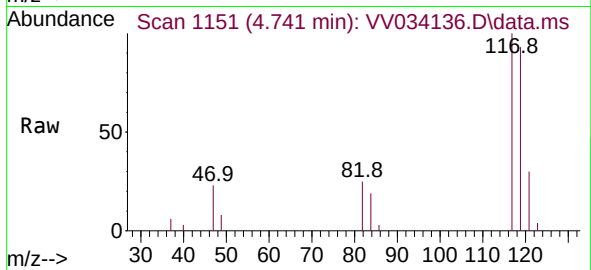




#31
Carbon tetrachloride
Concen: 0.980 ug/L
RT: 4.741 min Scan# 1149
Delta R.T. 0.007 min
Lab File: VV034136.D
Acq: 12 Feb 2024 13:45

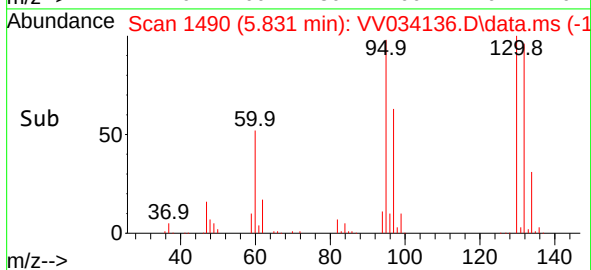
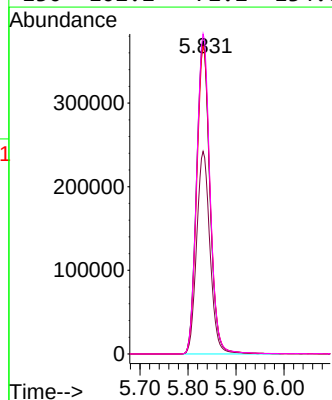
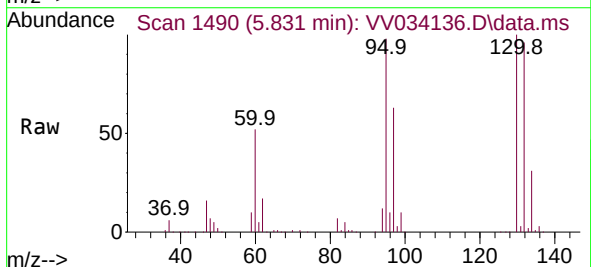
Instrument :
MSVOA_V
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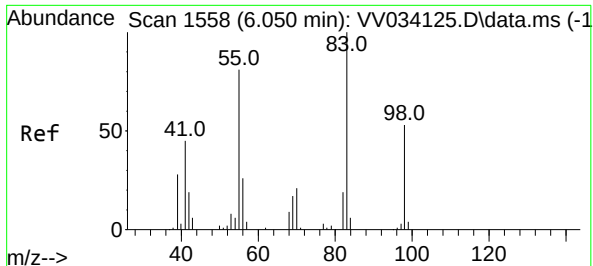
Tgt Ion:117 Resp: 8293
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1



#34
Trichloroethene
Concen: 115.819 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034136.D
Acq: 12 Feb 2024 13:45

Tgt Ion: 95 Resp: 723969
Ion Ratio Lower Upper
95 100
97 64.7 45.1 83.7
132 98.3 66.0 122.6
130 102.2 72.2 134.0

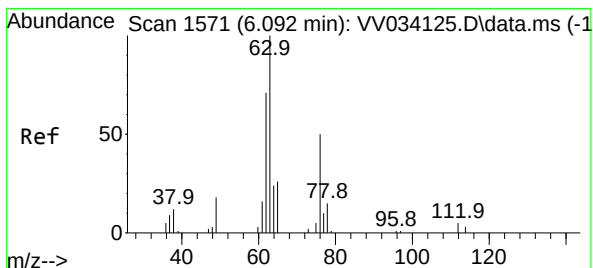
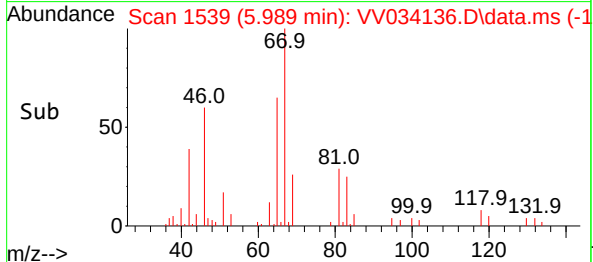
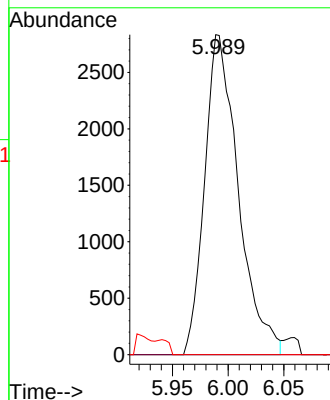
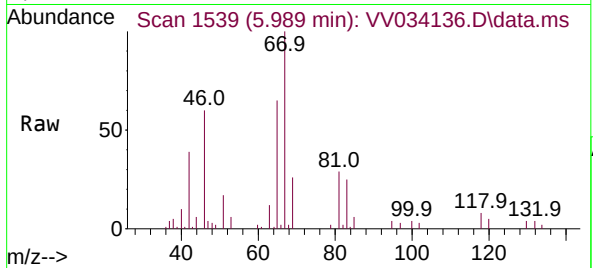




#35
Methylcyclohexane
Concen: 0.608 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034136.D
Acq: 12 Feb 2024 13:45

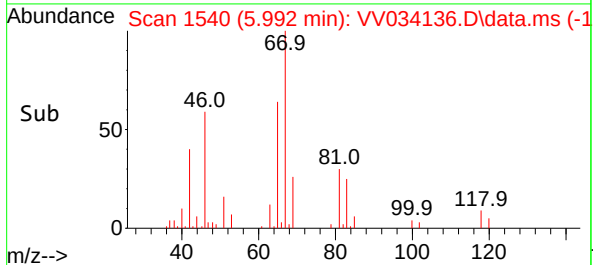
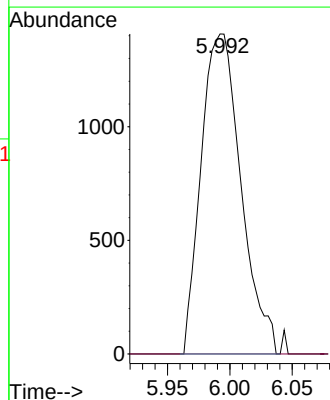
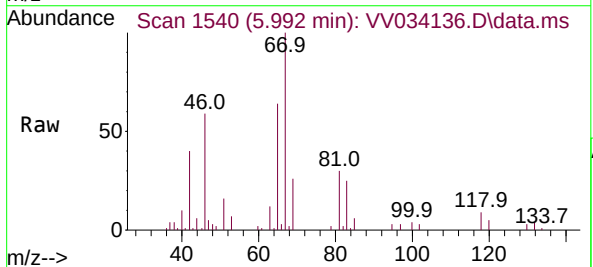
Instrument :
MSVOA_V
ClientSampleId :

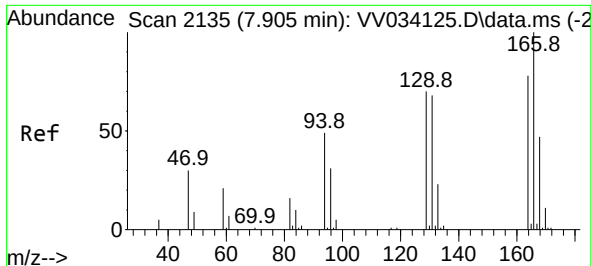
Tgt Ion: 83 Resp: 5963
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.099 min
Lab File: VV034136.D
Acq: 12 Feb 2024 13:45

Tgt Ion: 63 Resp: 3133
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 21.387 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

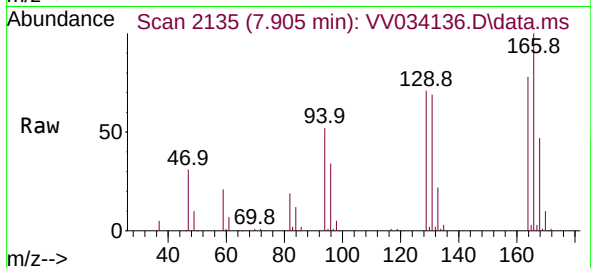
Lab File: VV034136.D

Acq: 12 Feb 2024 13:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 108625

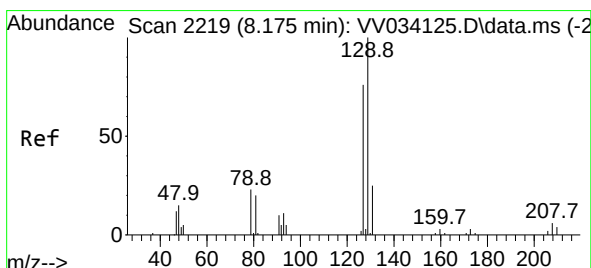
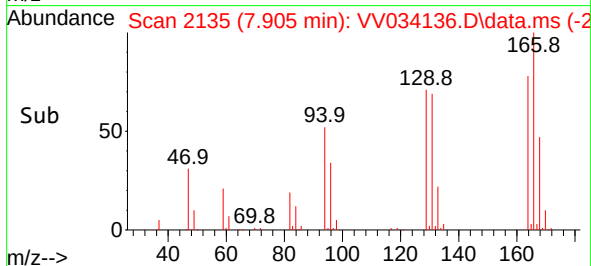
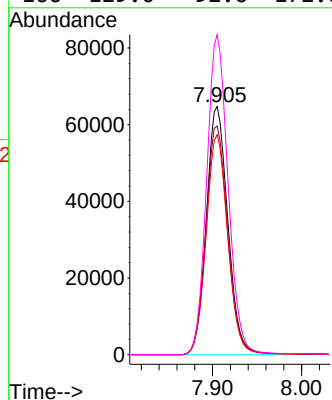
Ion Ratio Lower Upper

164 100

129 92.2 67.8 125.8

131 88.7 63.0 117.0

166 129.0 92.6 172.0



#49

Dibromochloromethane

Concen: 25.440 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034136.D

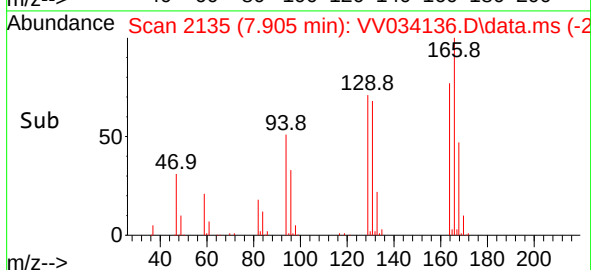
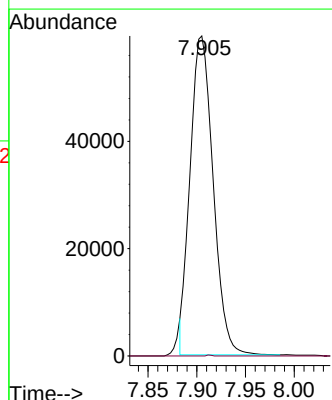
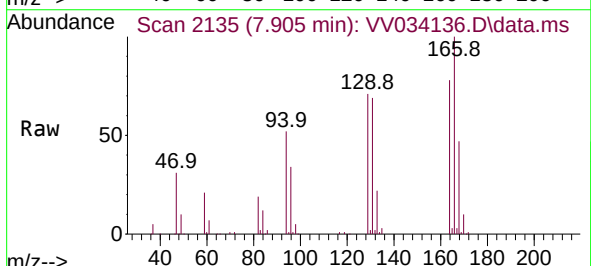
Acq: 12 Feb 2024 13:45

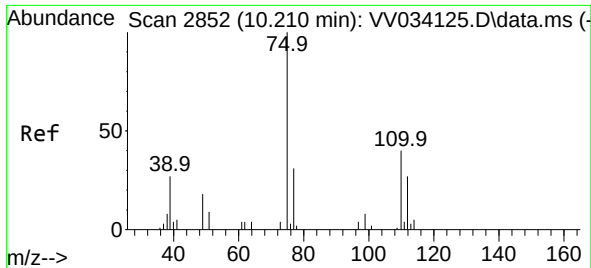
Tgt Ion:129 Resp: 97663

Ion Ratio Lower Upper

129 100

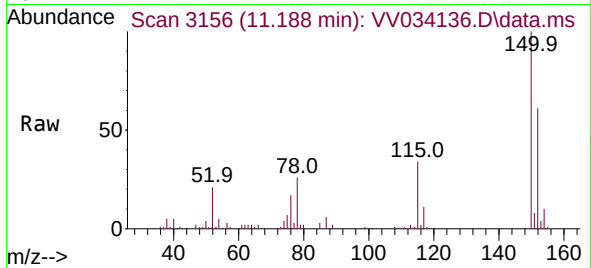
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.757 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV034136.D
 Acq: 12 Feb 2024 13:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4549
 Ion Ratio Lower Upper
 75 100
 77 36.8 26.9 40.3
 110 0.4 33.3 49.9#

