

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021424\
 Data File : VV034175.D
 Acq On : 14 Feb 2024 12:33
 Operator : SY/MD
 Sample : P1455-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 01:29:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

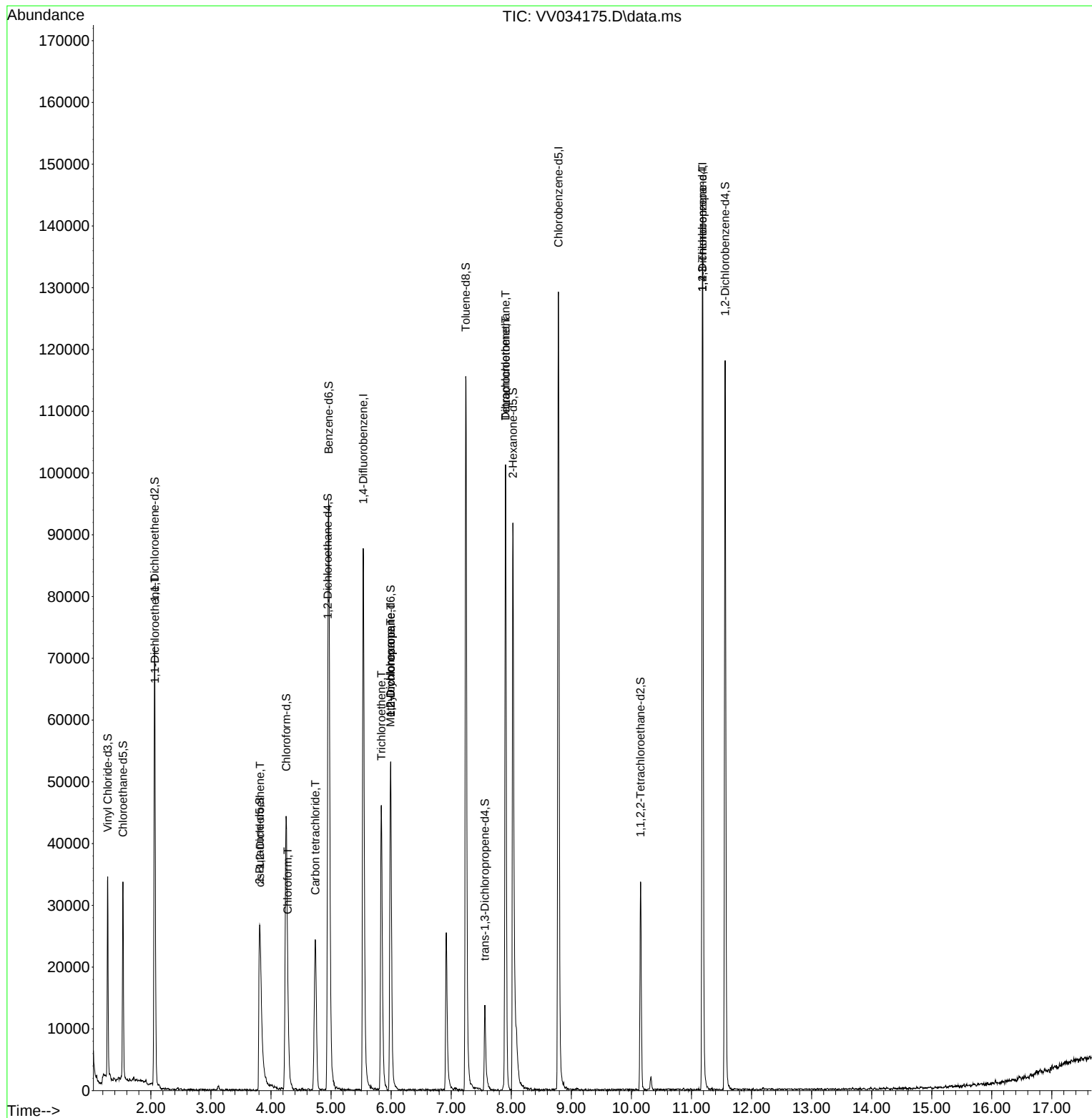
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76891	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36954	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21073	3.539	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.536	69	19726	3.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.063	65	11047	3.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.809	46	43210	43.204	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.400%
24) Chloroform-d	4.252	84	46013	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	4.947	65	22959	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	4.960	84	86788	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.992	67	23980	4.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.243	98	78779	3.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.561	79	9091	4.018	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.027	63	31941	39.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.080%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15414	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	29144	4.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	3441	0.641	ug/L #	1
22) cis-1,2-Dichloroethene	3.818	96	4655	0.750	ug/L	96
25) Chloroform	4.278	83	6399	0.630	ug/L	99
31) Carbon tetrachloride	4.738	117	19038	2.268	ug/L	98
34) Trichloroethene	5.838	95	16842	2.716	ug/L	97
35) Methylcyclohexane	5.989	83	6096	0.626	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3375	0.650	ug/L #	87
47) Tetrachloroethene	7.905	164	21596	4.285	ug/L	93
49) Dibromochloromethane	7.905	129	19191	5.038	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4226	1.663	ug/L #	62

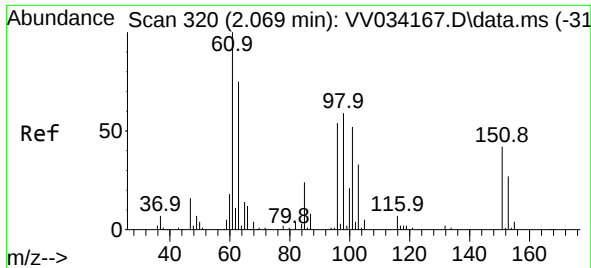
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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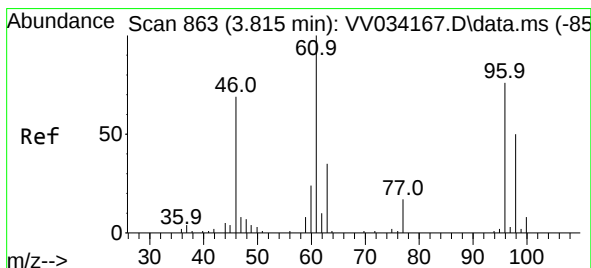
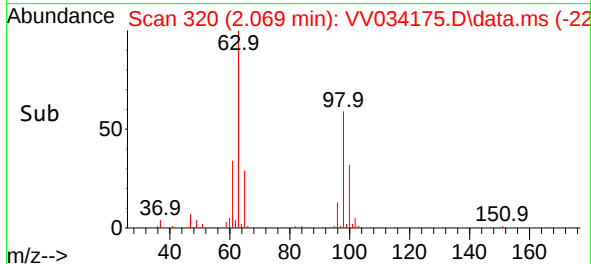
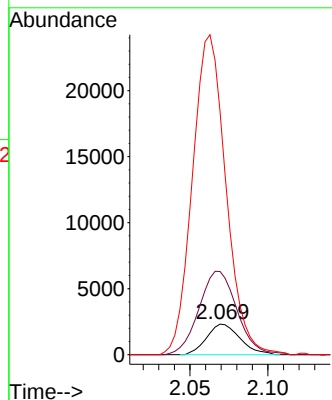
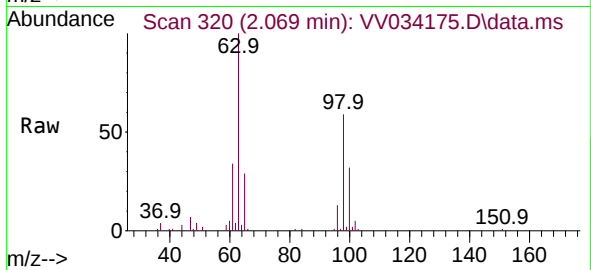




#12
 1,1-Dichloroethene
 Concen: 0.641 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034175.D
 Acq: 14 Feb 2024 12:33

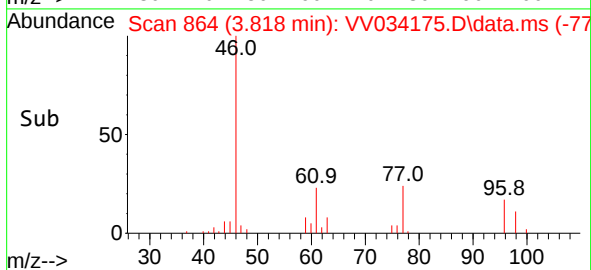
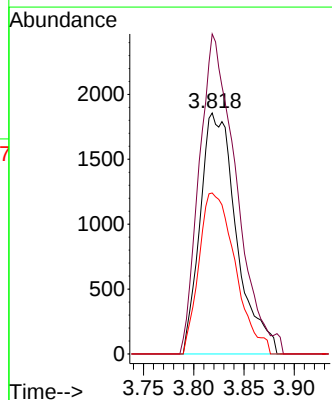
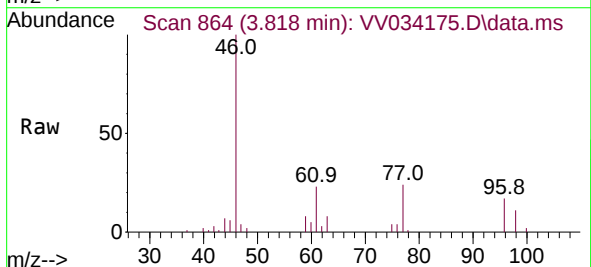
Instrument :
 MSVOA_V
 ClientSampleId :

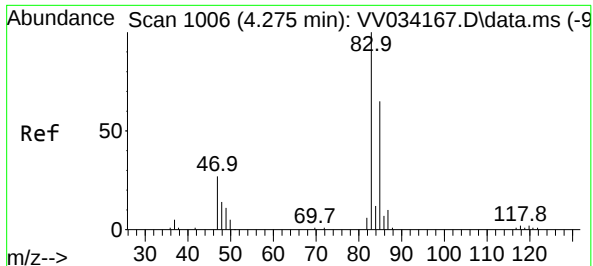
Tgt Ion: 96 Resp: 3441
 Ion Ratio Lower Upper
 96 100
 61 272.6 128.8 239.2#
 63 796.9 97.9 181.9#



#22
 cis-1,2-Dichloroethene
 Concen: 0.750 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV034175.D
 Acq: 14 Feb 2024 12:33

Tgt Ion: 96 Resp: 4655
 Ion Ratio Lower Upper
 96 100
 61 132.8 90.3 167.7
 98 66.8 43.2 80.2





#25

Chloroform

Concen: 0.630 ug/L

RT: 4.278 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV034175.D

Acq: 14 Feb 2024 12:33

Instrument :

MSVOA_V

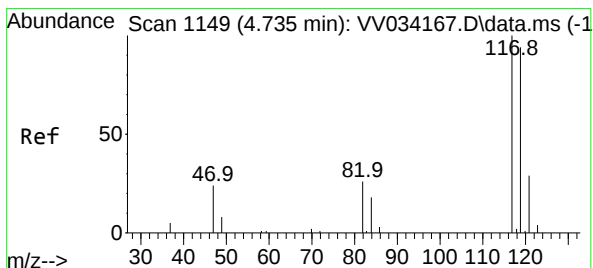
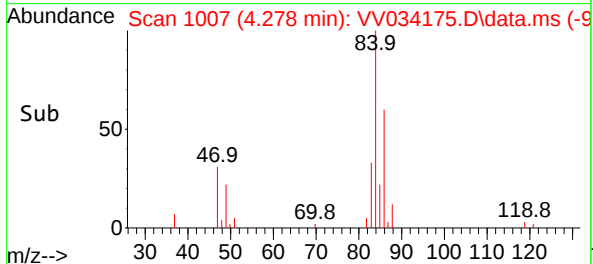
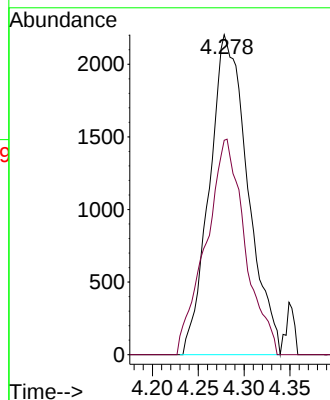
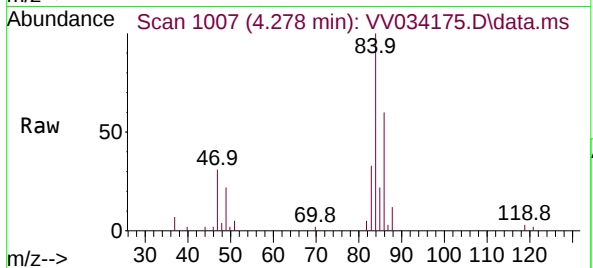
ClientSampleId :

Tgt Ion: 83 Resp: 6399

Ion Ratio Lower Upper

83 100

85 67.0 47.5 88.1



#31

Carbon tetrachloride

Concen: 2.268 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034175.D

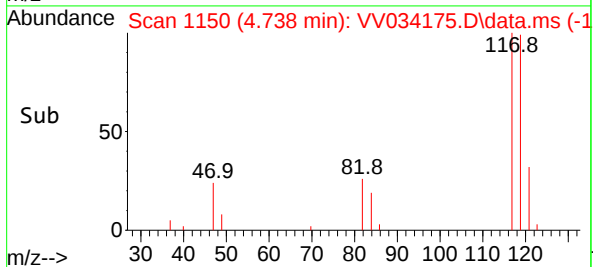
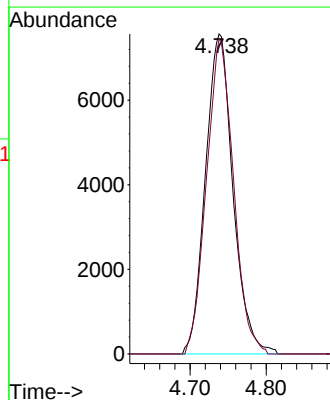
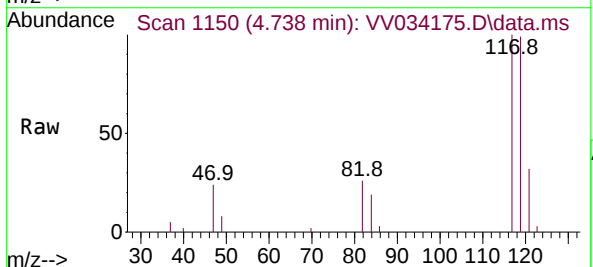
Acq: 14 Feb 2024 12:33

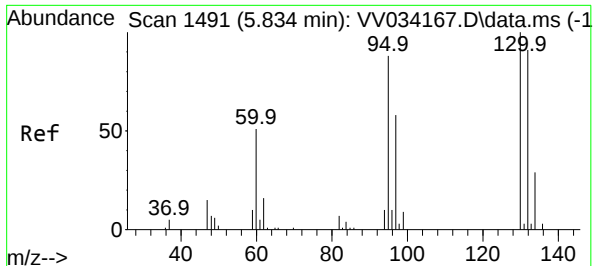
Tgt Ion: 117 Resp: 19038

Ion Ratio Lower Upper

117 100

119 96.6 76.1 114.1

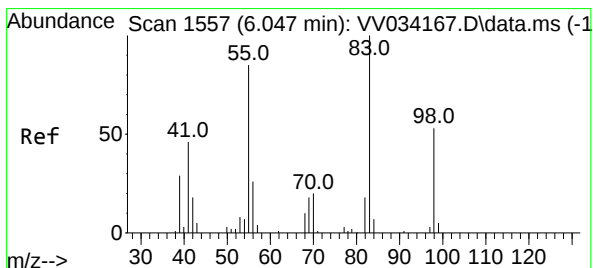
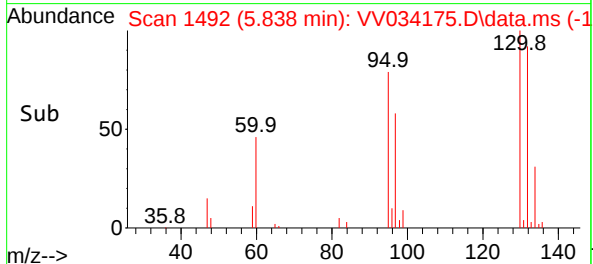
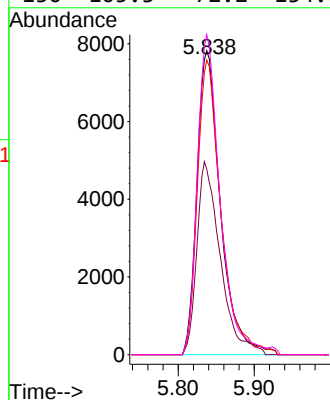
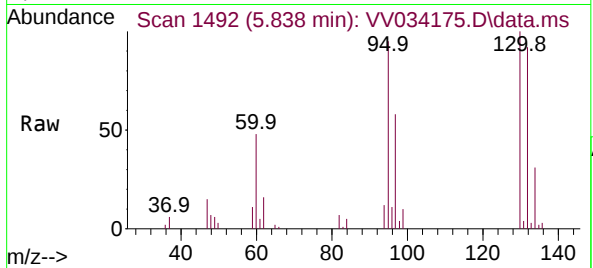




#34
Trichloroethene
Concen: 2.716 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV034175.D
Acq: 14 Feb 2024 12:33

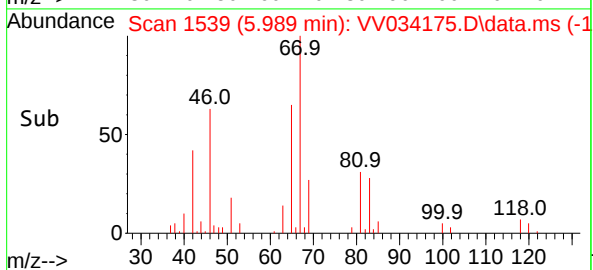
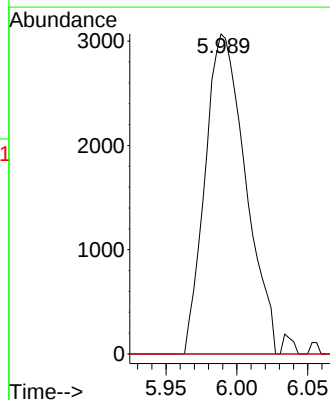
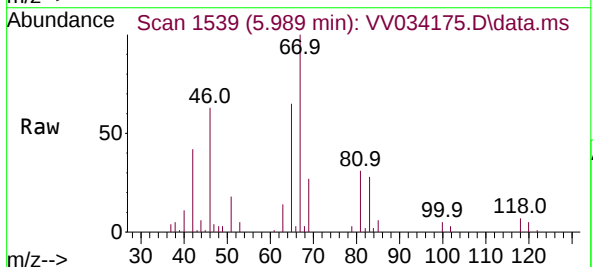
Instrument :
MSVOA_V
ClientSampleId :

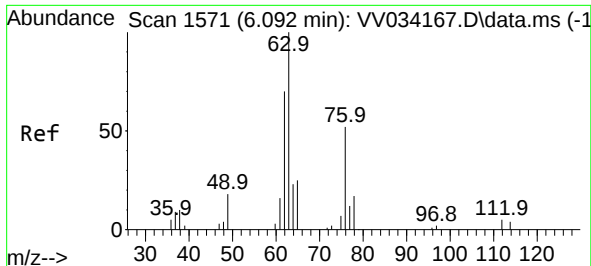
Tgt Ion:	95	Resp:	16842
Ion	Ratio	Lower	Upper
95	100		
97	61.0	45.1	83.7
132	96.9	66.0	122.6
130	105.3	72.2	134.0



#35
Methylcyclohexane
Concen: 0.626 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034175.D
Acq: 14 Feb 2024 12:33

Tgt Ion:	83	Resp:	6096
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: 0.650 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034175.D

Acq: 14 Feb 2024 12:33

Instrument :

MSVOA_V

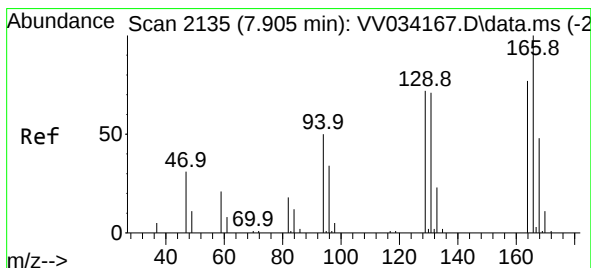
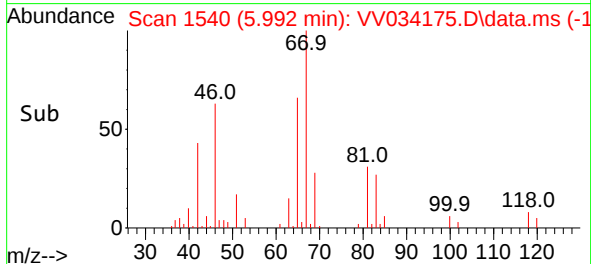
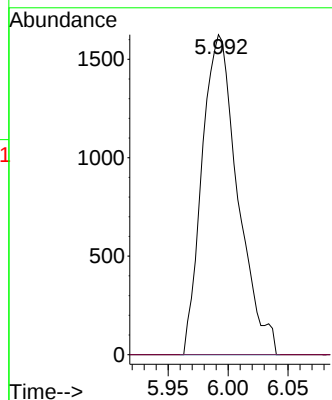
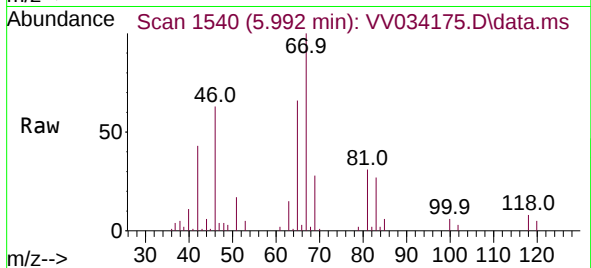
ClientSampleId :

Tgt Ion: 63 Resp: 3375

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 4.285 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034175.D

Acq: 14 Feb 2024 12:33

Tgt Ion:164 Resp: 21596

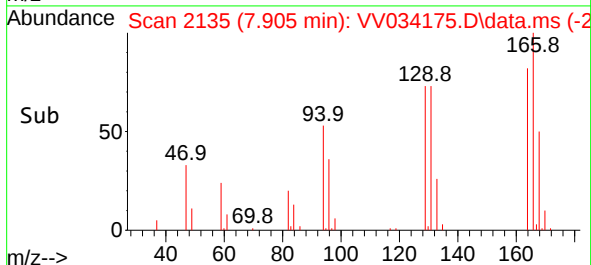
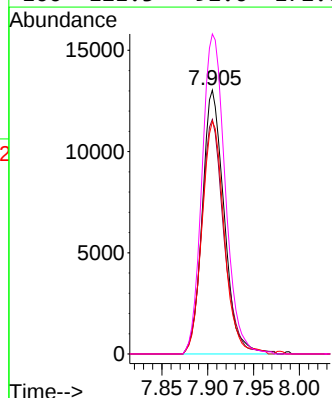
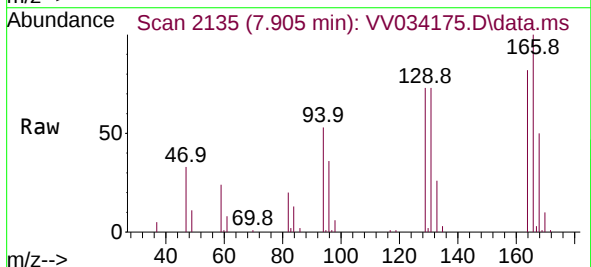
Ion Ratio Lower Upper

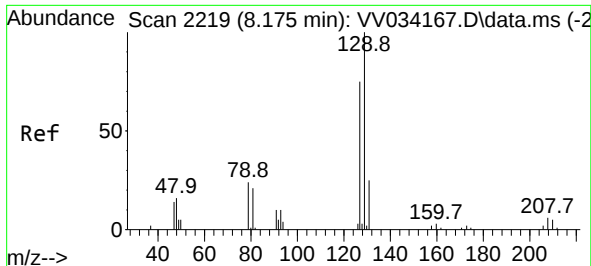
164 100

129 88.9 67.8 125.8

131 88.2 63.0 117.0

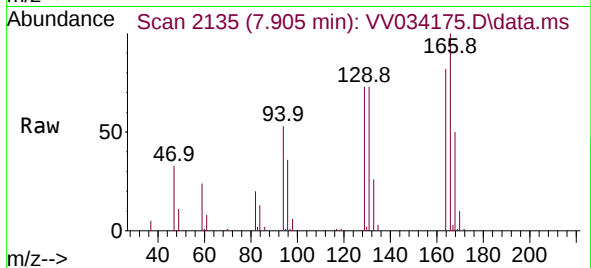
166 121.3 92.6 172.0



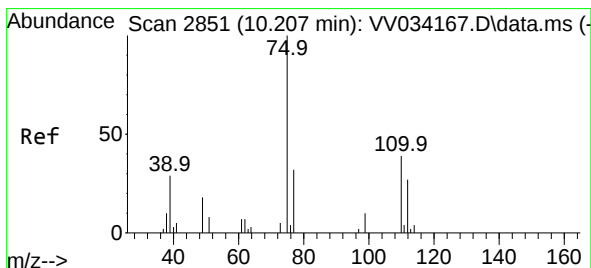
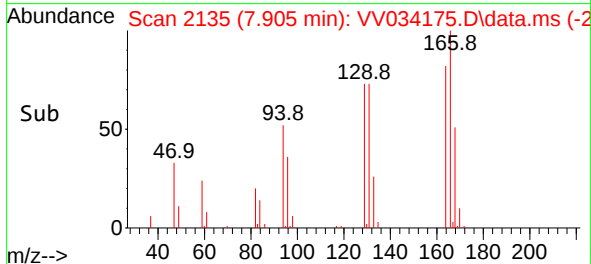
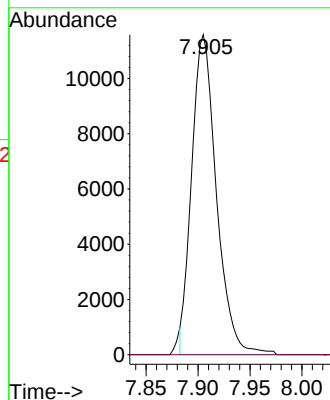


#49
Dibromochloromethane
Concen: 5.038 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV034175.D
Acq: 14 Feb 2024 12:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:129 Resp: 19191
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.663 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV034175.D
Acq: 14 Feb 2024 12:33

Tgt Ion: 75 Resp: 4226
Ion Ratio Lower Upper
75 100
77 39.1 26.9 40.3
110 3.8 33.3 49.9#

