

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029292.D
 Acq On : 23 Nov 2022 03:29
 Operator : SY/MD
 Sample : N5652-14DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

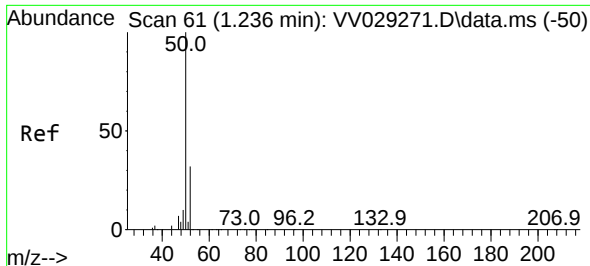
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:49:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	276931	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	246841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	115915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82327	3.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.564	69	76047	3.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.104	63	105939	2.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.902	46	221045	56.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.380%
24) Chloroform-d	4.339	84	150041	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.027	65	77504	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.043	84	299523	3.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.063	67	107192	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.310	98	244760	3.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.616	79	31346	3.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	95115	62.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.340%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63679	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	88394	3.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1220	0.038	ug/L	94
16) Methylene chloride	2.503	84	17380	0.540	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	8007	0.386	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	20037	0.884	ug/L	97
25) Chloroform	4.371	83	5633	0.141	ug/L	98
34) Trichloroethene	5.905	95	168622	7.129	ug/L	98
35) Methylcyclohexane	6.063	83	22878	0.598	ug/L #	17
37) 1,2-Dichloropropane	6.059	63	11512	0.494	ug/L #	88
39) cis-1,3-Dichloropropene	6.982	75	2502	0.083	ug/L	87
47) Tetrachloroethene	7.969	164	6799	0.438	ug/L	93
49) Dibromochloromethane	7.966	129	6480	0.448	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	16207	1.461	ug/L #	67

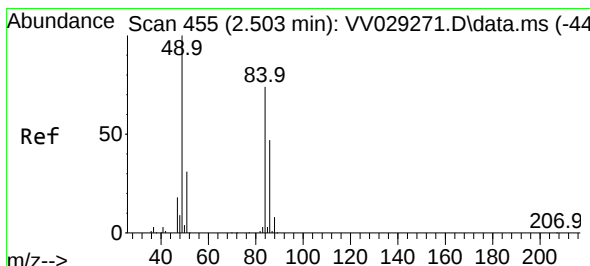
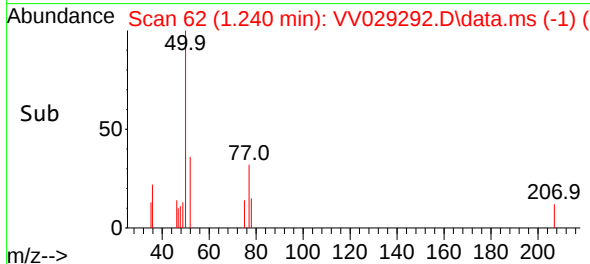
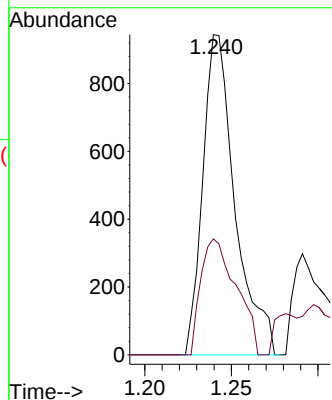
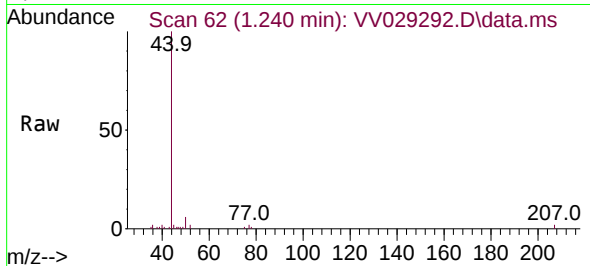
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

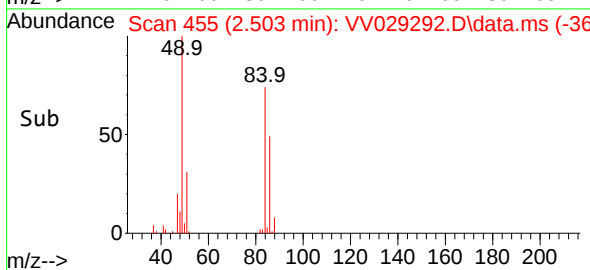
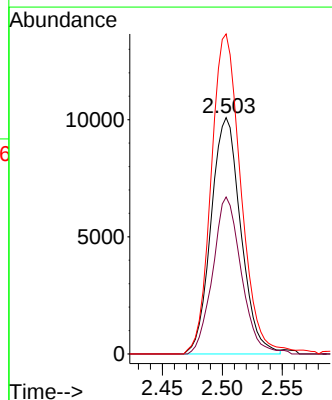
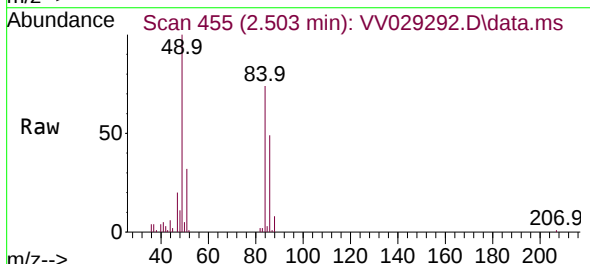
Instrument :
MSVOA_V
ClientSampleId :

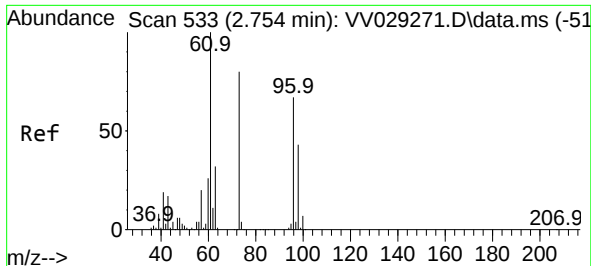
Tgt Ion: 50 Resp: 1220
Ion Ratio Lower Upper
50 100
52 36.2 22.8 42.4



#16
Methylene chloride
Concen: 0.540 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

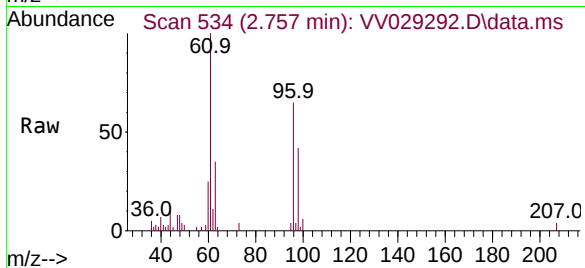
Tgt Ion: 84 Resp: 17380
Ion Ratio Lower Upper
84 100
86 66.4 44.2 82.2
49 135.4 91.9 170.7



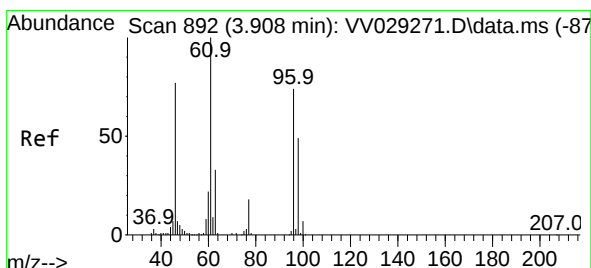
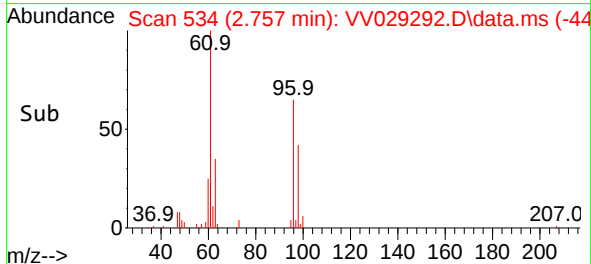
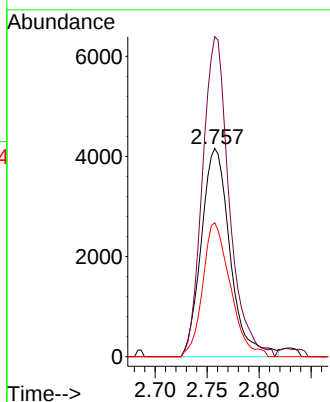


#18
trans-1,2-Dichloroethene
Concen: 0.386 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

Instrument :
MSVOA_V
ClientSampleId :

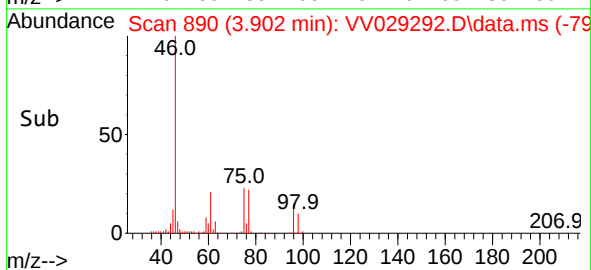
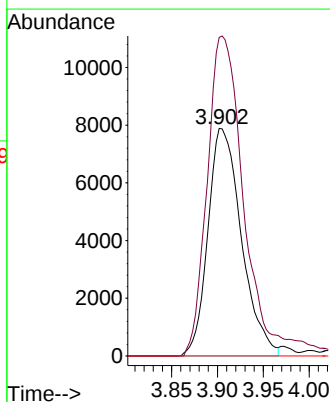
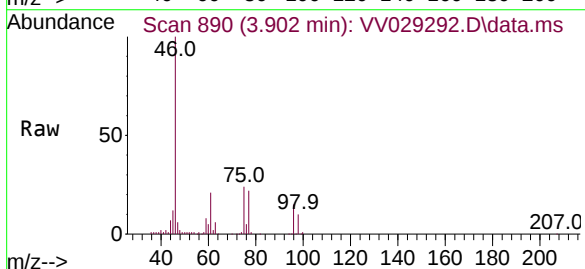


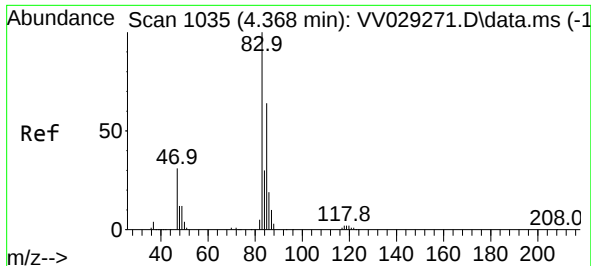
Tgt Ion: 96 Resp: 8007
Ion Ratio Lower Upper
96 100
61 153.7 107.6 199.8
98 64.3 44.3 82.3



#22
cis-1,2-Dichloroethene
Concen: 0.884 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.007 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

Tgt Ion: 96 Resp: 20037
Ion Ratio Lower Upper
96 100
61 140.0 95.8 178.0
68 0.0 0.0 0.0

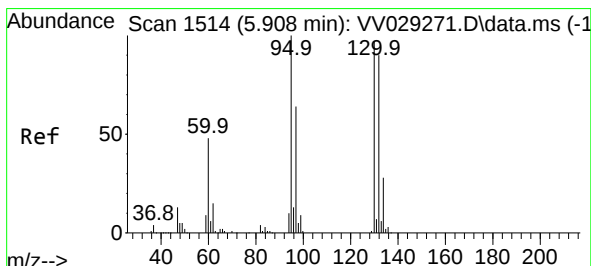
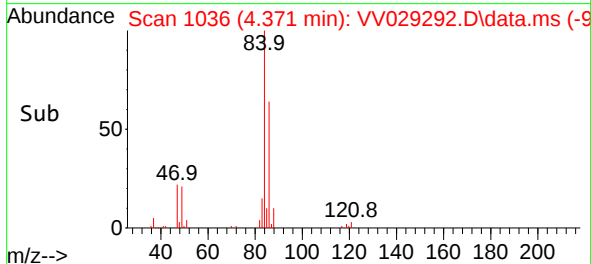
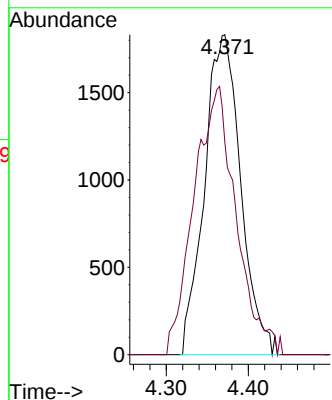
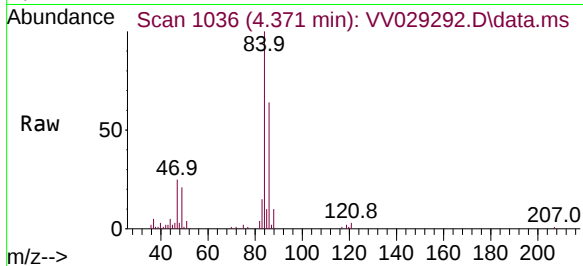




#25
Chloroform
Concen: 0.141 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

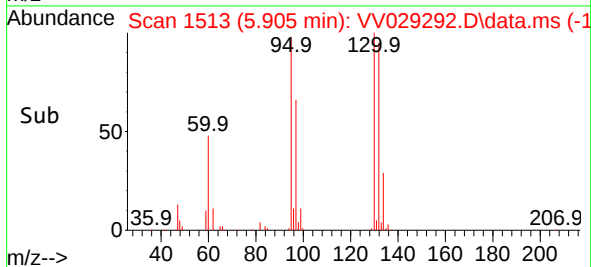
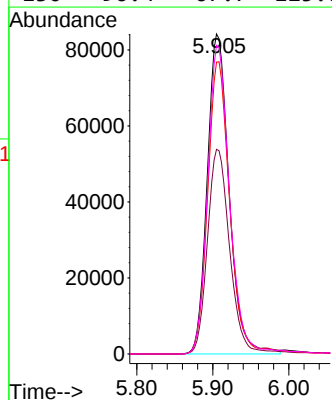
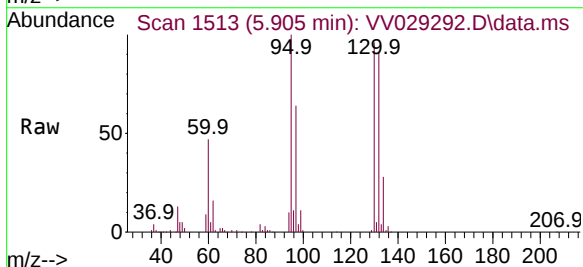
Instrument :
MSVOA_V
ClientSampleId :

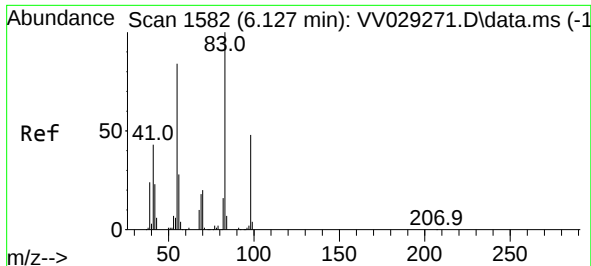
Tgt Ion: 83 Resp: 5633
Ion Ratio Lower Upper
83 100
85 66.4 45.6 84.6



#34
Trichloroethene
Concen: 7.129 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

Tgt Ion: 95 Resp: 168622
Ion Ratio Lower Upper
95 100
97 64.0 46.7 86.7
132 91.2 65.7 122.1
130 96.4 67.7 125.7

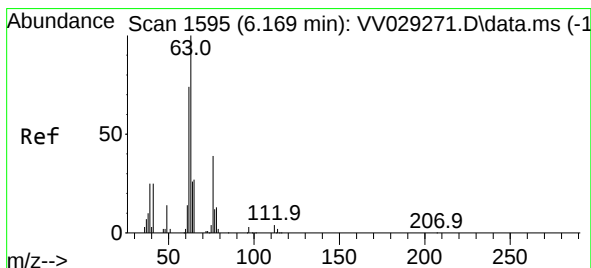
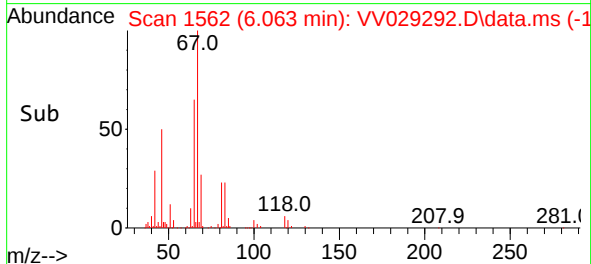
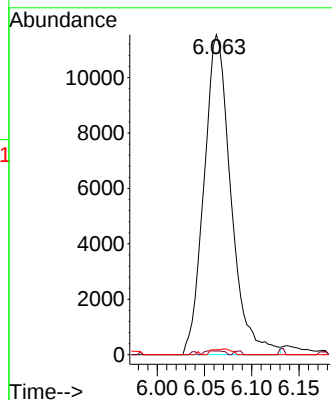
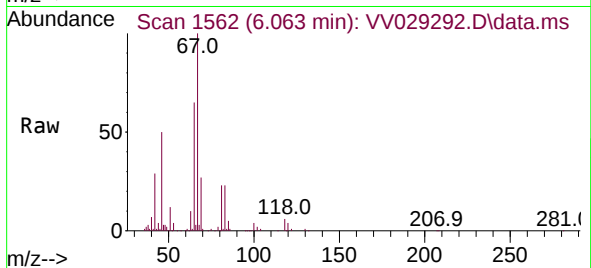




#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

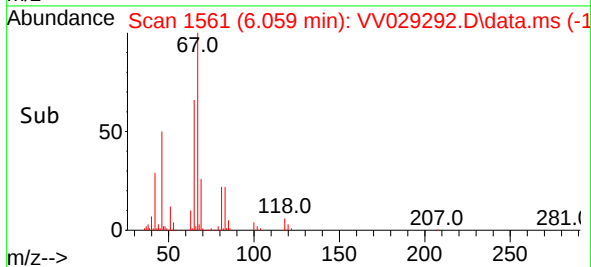
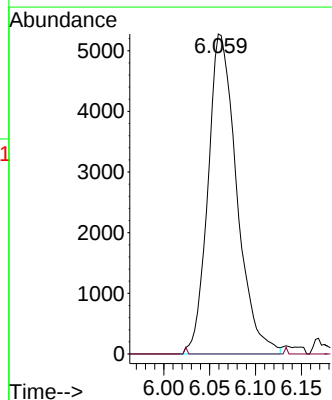
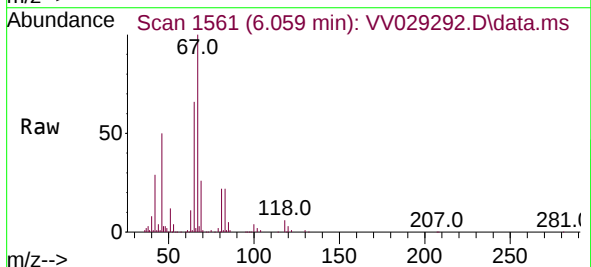
Instrument :
MSVOA_V
ClientSampleId :

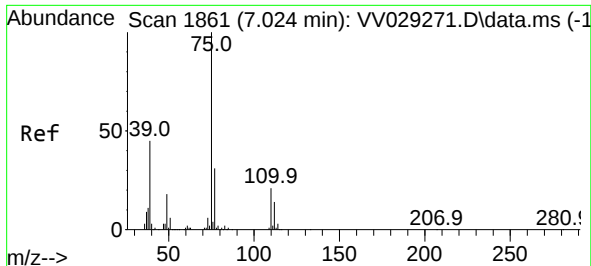
Tgt Ion: 83 Resp: 22878
Ion Ratio Lower Upper
83 100
55 0.8 65.7 98.5#
98 1.3 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.109 min
Lab File: VV029292.D
Acq: 23 Nov 2022 03:29

Tgt Ion: 63 Resp: 11512
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV029292.D

Acq: 23 Nov 2022 03:29

Instrument :

MSVOA_V

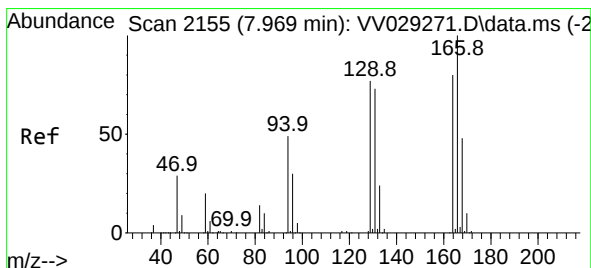
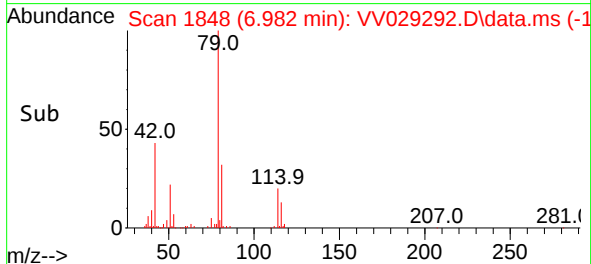
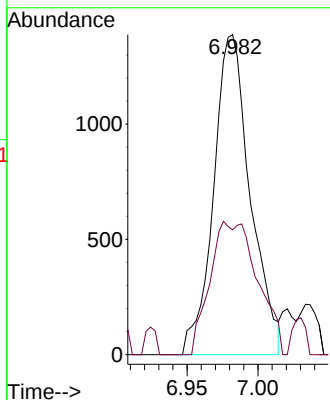
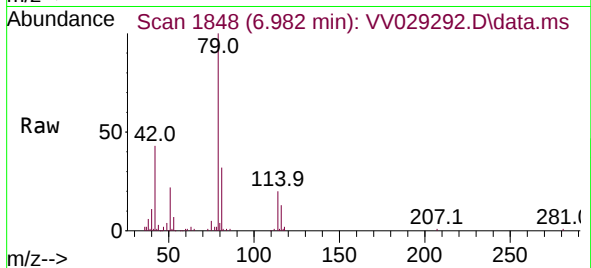
ClientSampleId :

Tgt Ion: 75 Resp: 2502

Ion Ratio Lower Upper

75 100

77 39.0 22.3 41.5



#47

Tetrachloroethene

Concen: 0.438 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV029292.D

Acq: 23 Nov 2022 03:29

Tgt Ion: 164 Resp: 6799

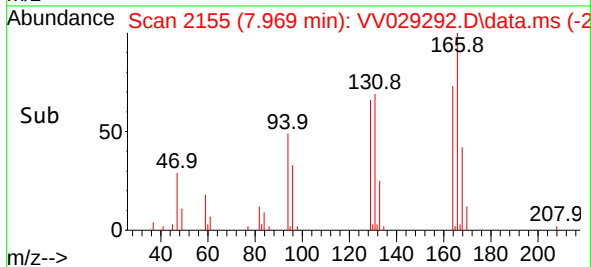
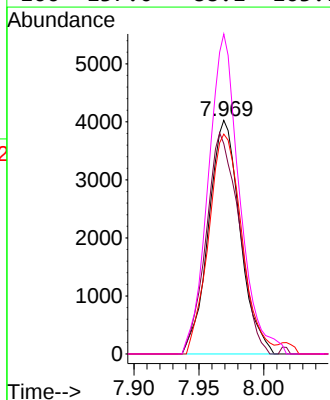
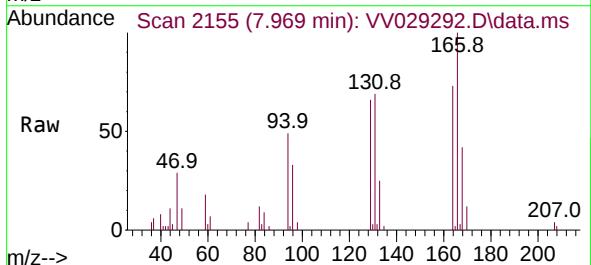
Ion Ratio Lower Upper

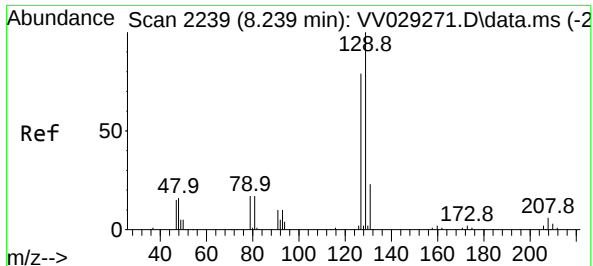
164 100

129 90.0 68.3 126.8

131 94.1 65.2 121.0

166 137.0 88.1 163.7





#49

Dibromochloromethane

Concen: 0.448 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.273 min

Lab File: VV029292.D

Acq: 23 Nov 2022 03:29

Instrument :

MSVOA_V

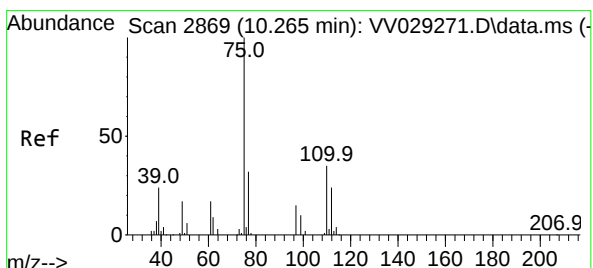
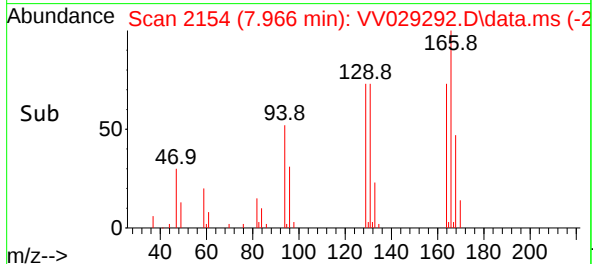
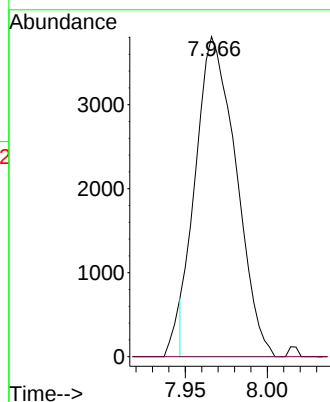
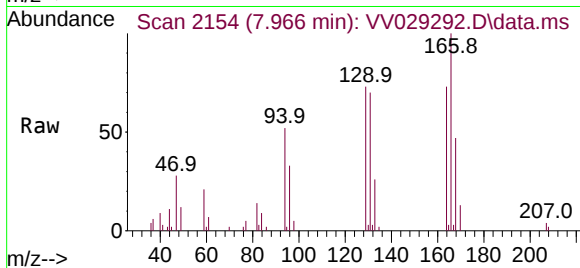
ClientSampleId :

Tgt Ion:129 Resp: 6480

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.461 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029292.D

Acq: 23 Nov 2022 03:29

Tgt Ion: 75 Resp: 16207

Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0

110 2.4 29.6 44.4#

