

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029278.D
 Acq On : 22 Nov 2022 21:47
 Operator : SY/MD
 Sample : N5651-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:46:53 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)

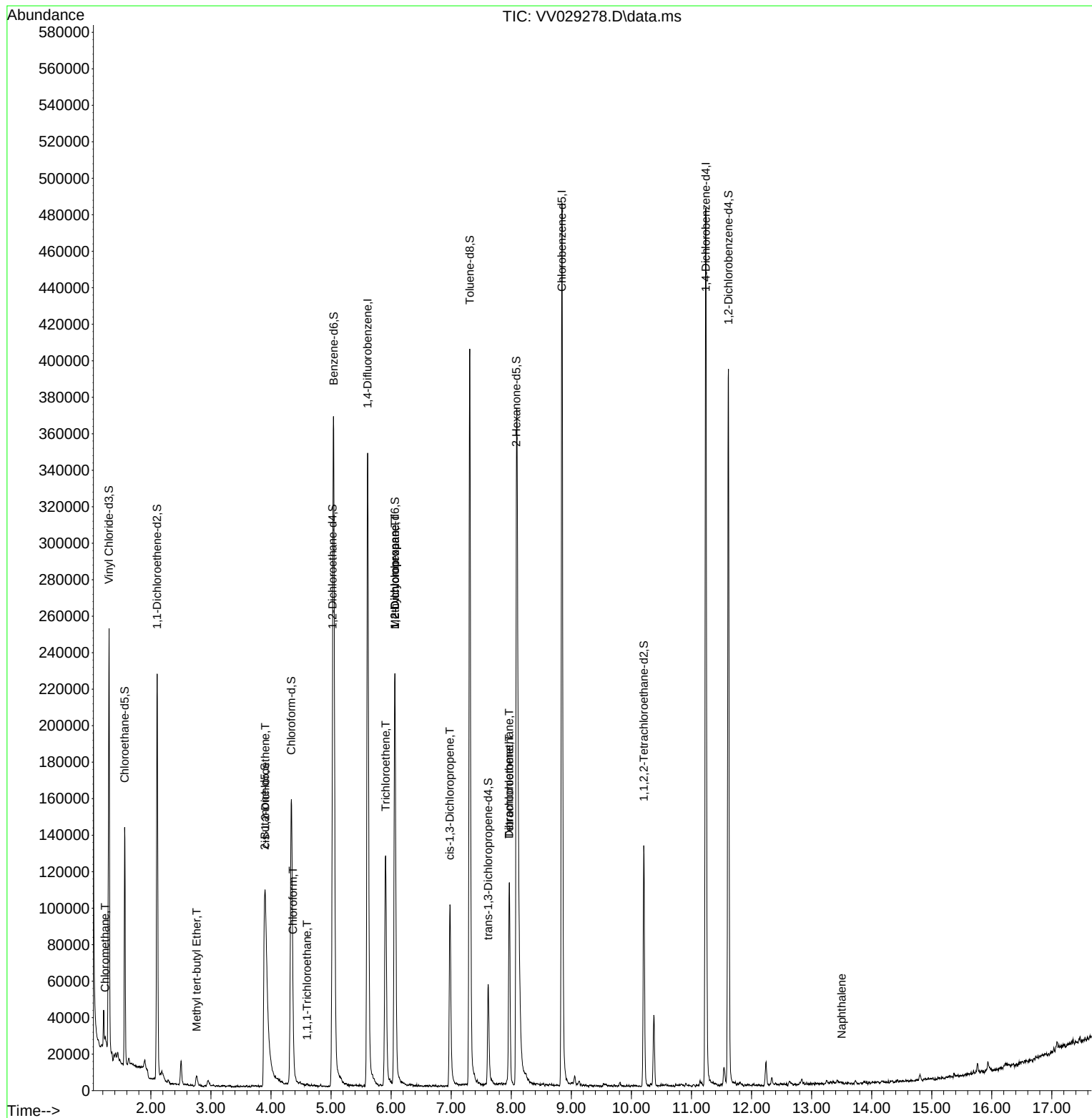
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	295372	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	260413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	118832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96187	3.414	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.565	69	84868	3.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.105	63	120596	2.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.200%#
20) 2-Butanone-d5	3.896	46	223433	53.723	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.440%
24) Chloroform-d	4.339	84	162437	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.024	65	85031	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.043	84	337896	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.063	67	118236	4.408	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.310	98	274497	3.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.616	79	34629	3.877	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.085	63	91634	57.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.460%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64588	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	95657	4.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2365	0.070	ug/L	96
17) Methyl tert-butyl Ether	2.761	73	4672	0.098	ug/L #	78
22) cis-1,2-Dichloroethene	3.905	96	3046	0.126	ug/L	75
25) Chloroform	4.365	83	7798	0.184	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	747	0.022	ug/L #	60
34) Trichloroethene	5.908	95	43127	1.728	ug/L	96
35) Methylcyclohexane	6.063	83	25015	0.620	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	12365	0.503	ug/L #	88
39) cis-1,3-Dichloropropene	6.979	75	2939	0.092	ug/L #	61
47) Tetrachloroethene	7.966	164	24207	1.477	ug/L	98
49) Dibromochloromethane	7.966	129	23119	1.516	ug/L #	10
71) Naphthalene	13.503	128	530	0.061	ug/L #	70

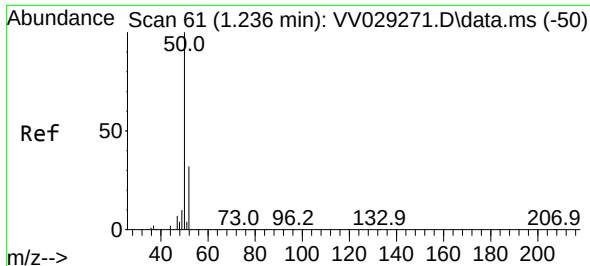
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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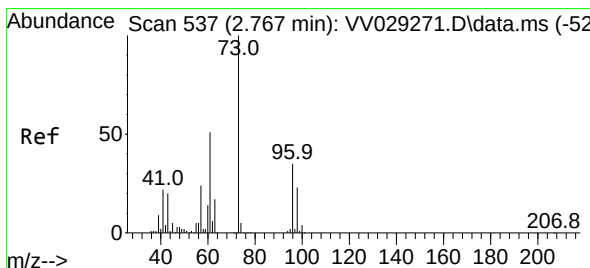
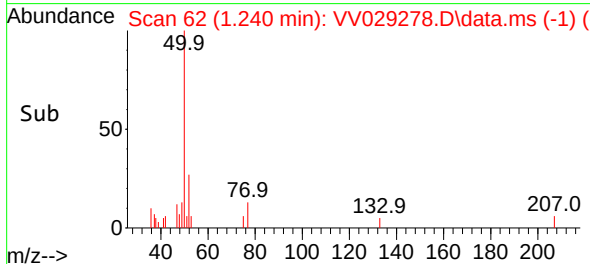
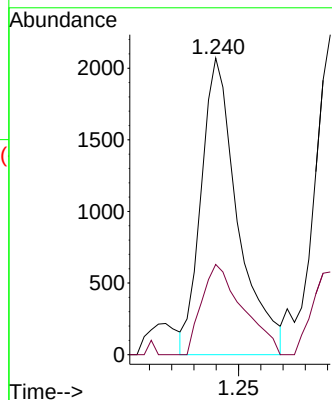
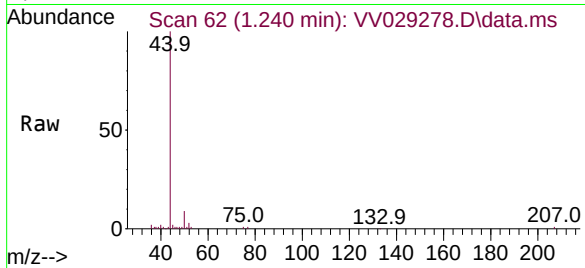




#3
Chloromethane
Concen: 0.070 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029278.D
Acq: 22 Nov 2022 21:47

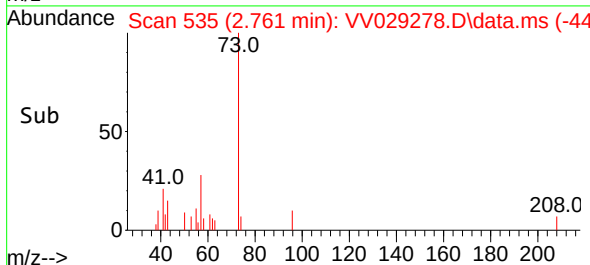
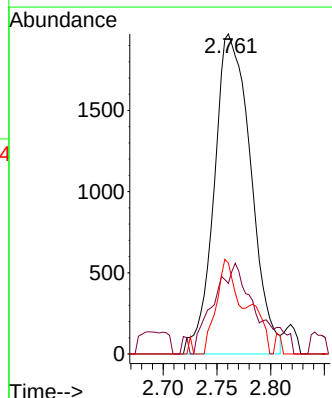
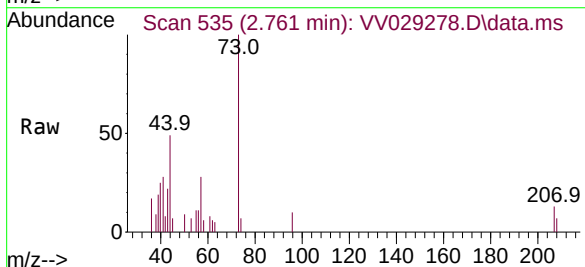
Instrument :
MSVOA_V
ClientSampleId :

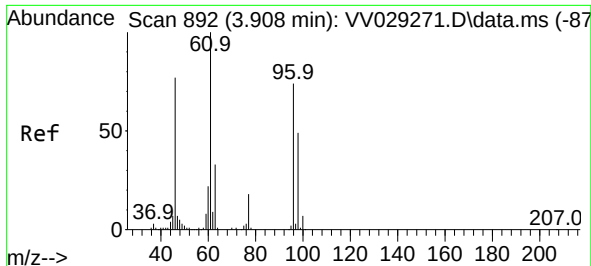
Tgt Ion: 50 Resp: 2365
Ion Ratio Lower Upper
50 100
52 30.4 22.8 42.4



#17
Methyl tert-butyl Ether
Concen: 0.098 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.006 min
Lab File: VV029278.D
Acq: 22 Nov 2022 21:47

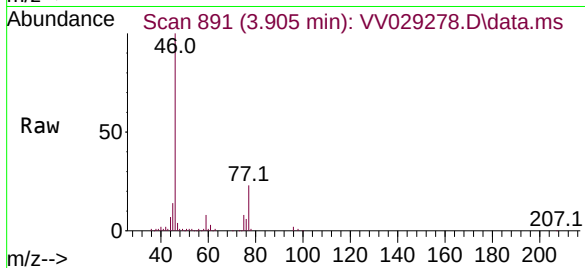
Tgt Ion: 73 Resp: 4672
Ion Ratio Lower Upper
73 100
43 33.4 15.4 23.2#
57 16.4 18.9 28.3#



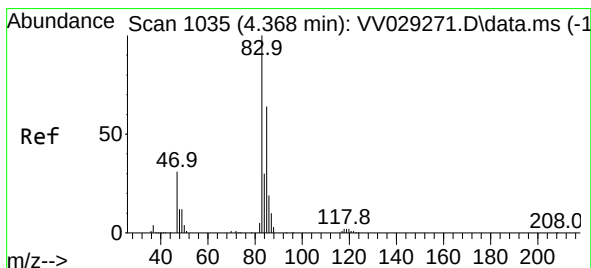
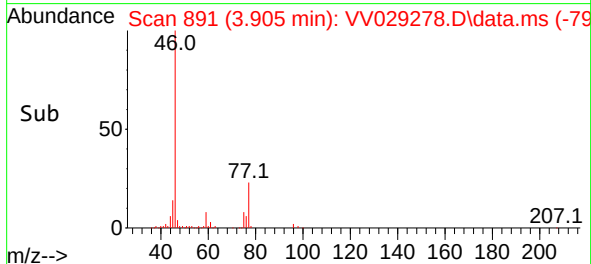
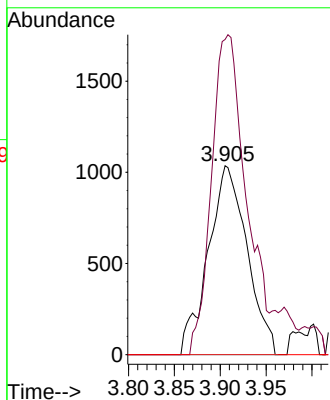


#22
 cis-1,2-Dichloroethene
 Concen: 0.126 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV029278.D
 Acq: 22 Nov 2022 21:47

Instrument :
 MSVOA_V
 ClientSampleId :

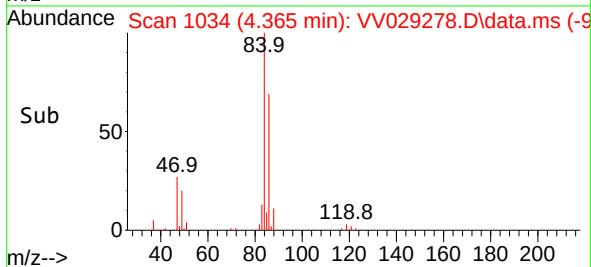
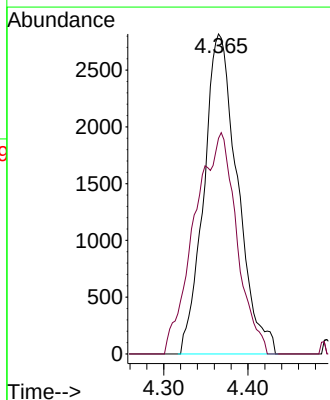
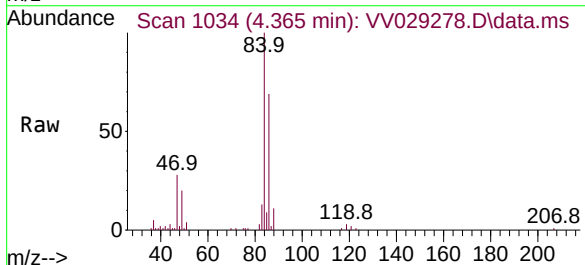


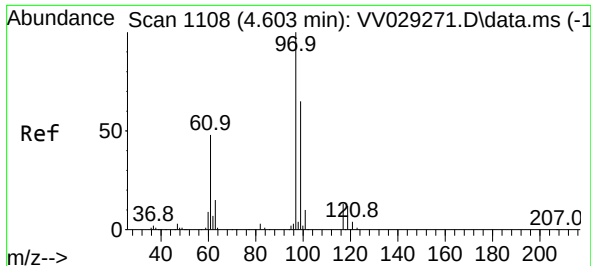
Tgt Ion: 96 Resp: 3046
 Ion Ratio Lower Upper
 96 100
 61 166.9 95.8 178.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.184 ug/L
 RT: 4.365 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VV029278.D
 Acq: 22 Nov 2022 21:47

Tgt Ion: 83 Resp: 7798
 Ion Ratio Lower Upper
 83 100
 85 67.4 45.6 84.6





#29

1,1,1-Trichloroethane

Concen: 0.022 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

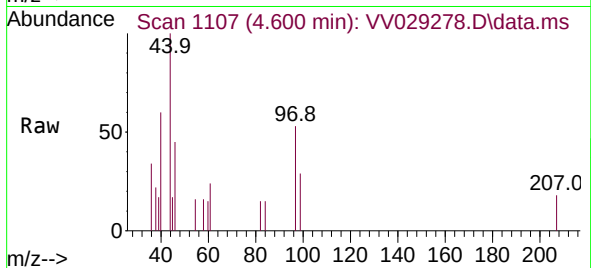
Lab File: VV029278.D

Acq: 22 Nov 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :



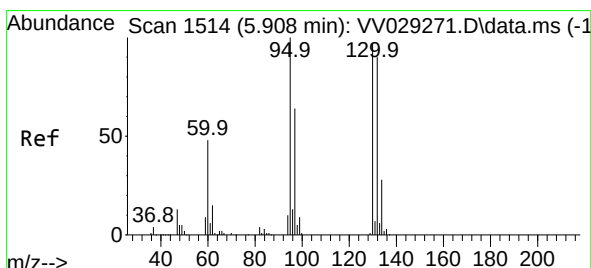
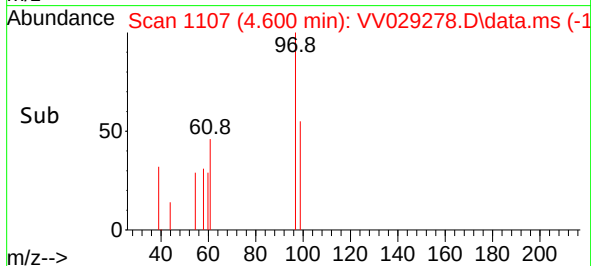
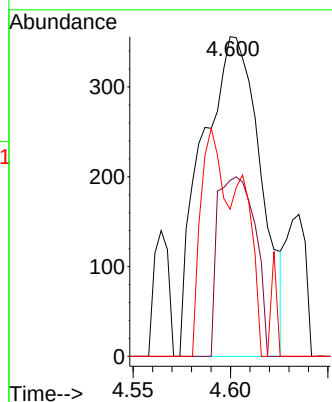
Tgt Ion: 97 Resp: 747

Ion Ratio Lower Upper

97 100

99 35.9 51.1 76.7#

61 17.4 39.0 58.4#



#34

Trichloroethene

Concen: 1.728 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV029278.D

Acq: 22 Nov 2022 21:47

Tgt Ion: 95 Resp: 43127

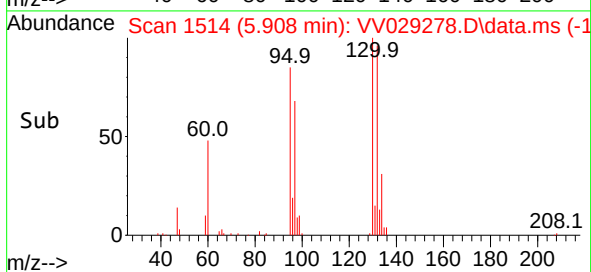
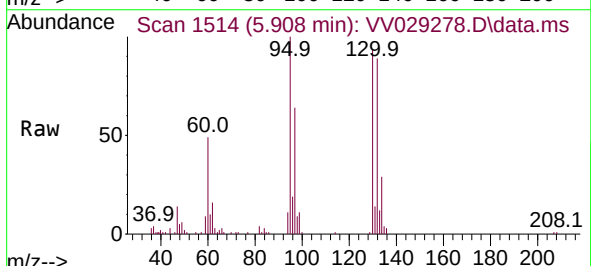
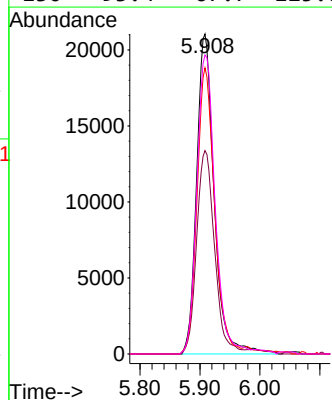
Ion Ratio Lower Upper

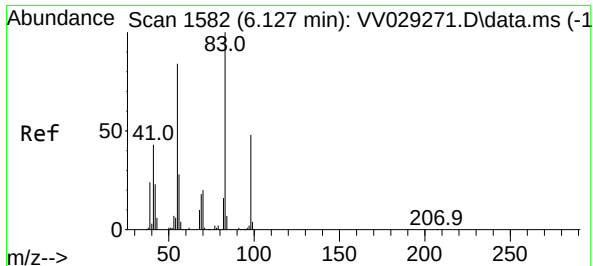
95 100

97 63.5 46.7 86.7

132 89.4 65.7 122.1

130 93.4 67.7 125.7





#35

Methylcyclohexane

Concen: 0.620 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.064 min

Lab File: VV029278.D

Acq: 22 Nov 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

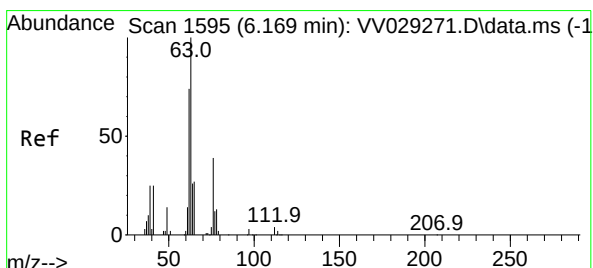
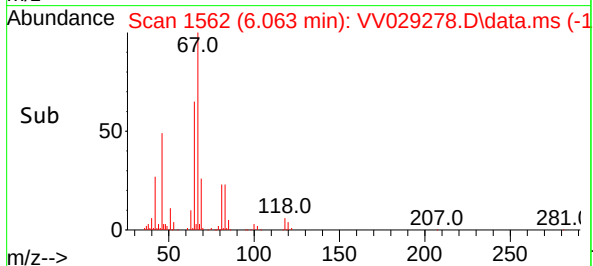
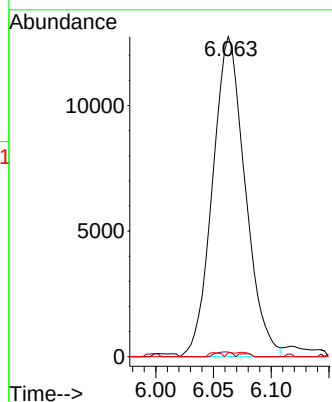
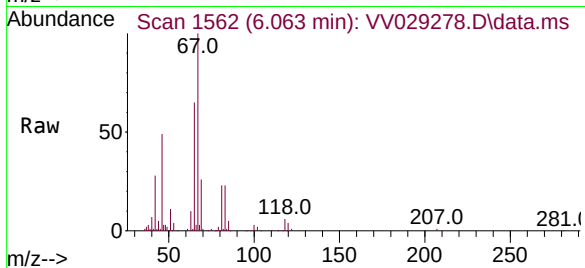
Tgt Ion: 83 Resp: 25015

Ion Ratio Lower Upper

83 100

55 0.7 65.7 98.5#

98 0.0 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV029278.D

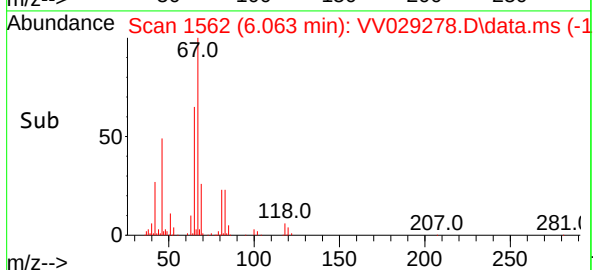
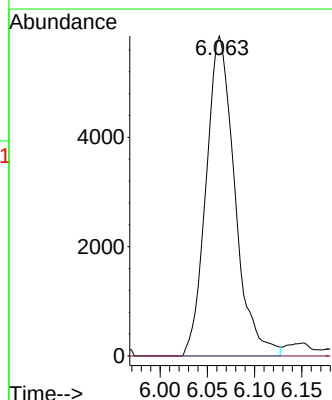
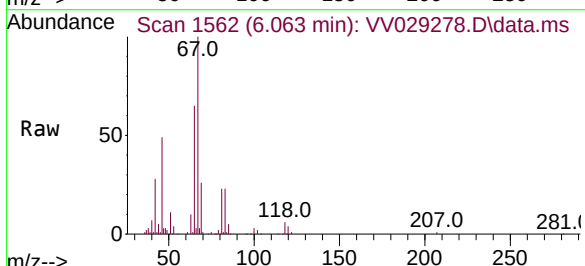
Acq: 22 Nov 2022 21:47

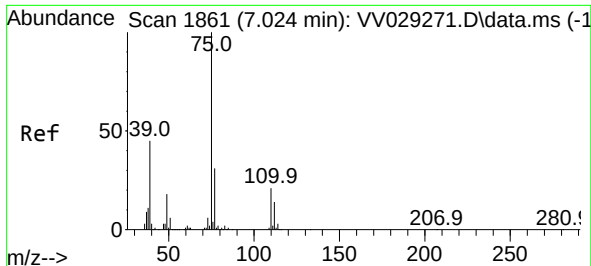
Tgt Ion: 63 Resp: 12365

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV029278.D

Acq: 22 Nov 2022 21:47

Instrument :

MSVOA_V

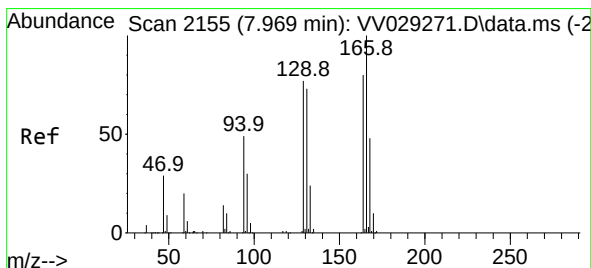
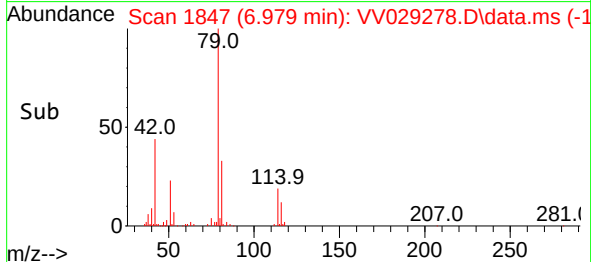
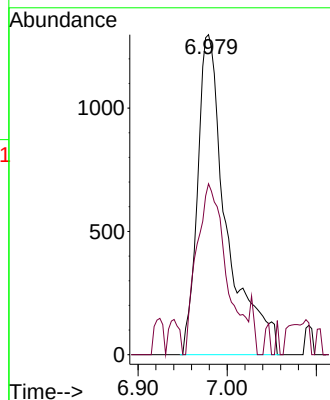
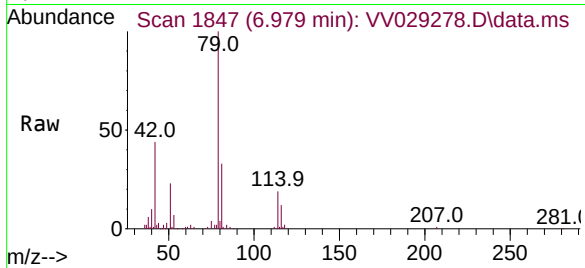
ClientSampleId :

Tgt Ion: 75 Resp: 2939

Ion Ratio Lower Upper

75 100

77 53.4 22.3 41.5#



#47

Tetrachloroethene

Concen: 1.477 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.003 min

Lab File: VV029278.D

Acq: 22 Nov 2022 21:47

Tgt Ion:164 Resp: 24207

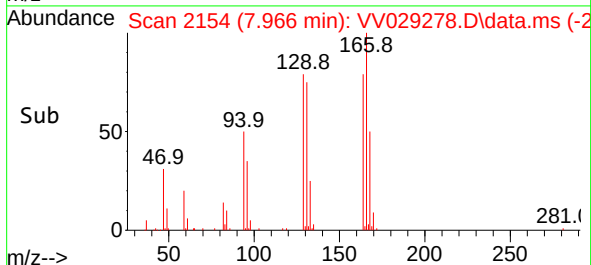
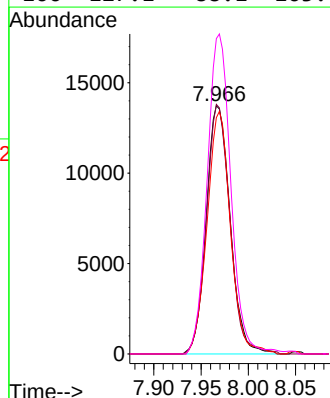
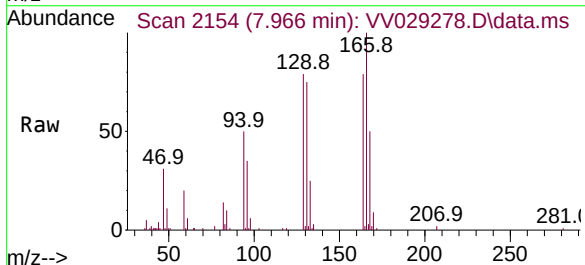
Ion Ratio Lower Upper

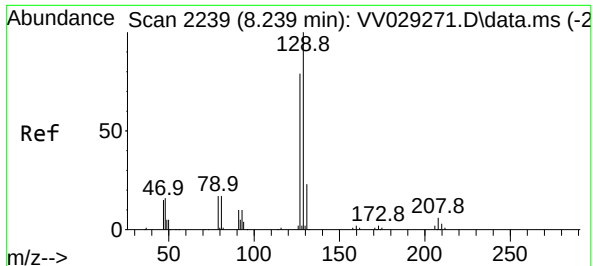
164 100

129 100.6 68.3 126.8

131 95.2 65.2 121.0

166 127.1 88.1 163.7





#49

Dibromochloromethane

Concen: 1.516 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.273 min

Lab File: VV029278.D

Acq: 22 Nov 2022 21:47

Instrument :

MSVOA_V

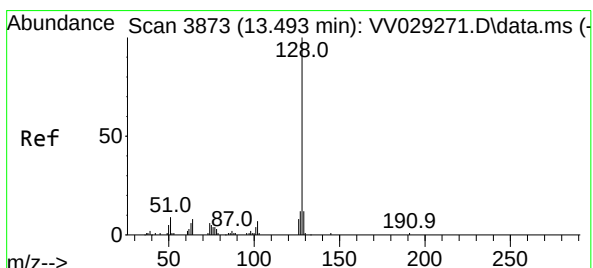
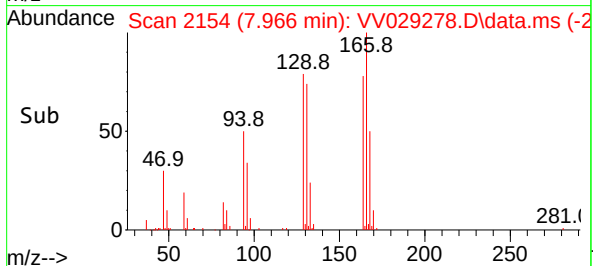
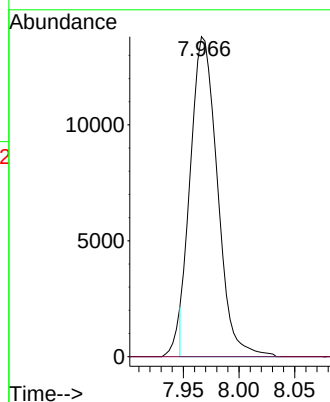
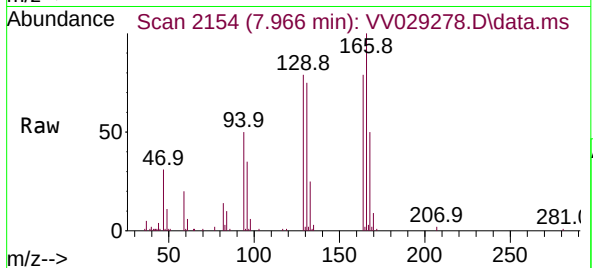
ClientSampleId :

Tgt Ion:129 Resp: 23119

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#71

Naphthalene

Concen: 0.061 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.010 min

Lab File: VV029278.D

Acq: 22 Nov 2022 21:47

Tgt Ion:128 Resp: 530

Ion Ratio Lower Upper

128 100

129 0.0 8.4 12.6#

127 0.0 10.0 15.0#

