

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029290.D
 Acq On : 23 Nov 2022 02:40
 Operator : SY/MD
 Sample : N5652-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:49:31 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	274970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	242359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	112617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84694	3.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.565	69	75958	3.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.105	63	109812	2.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.200%#
20) 2-Butanone-d5	3.905	46	214755	55.467	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.940%
24) Chloroform-d	4.339	84	150923	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.027	65	78306	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.043	84	300292	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.063	67	106023	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.310	98	244096	3.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.616	79	31779	3.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.088	63	97993	65.758	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.520%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63763	5.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	90014	4.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	76794	3.344	ug/L	98
3) Chloromethane	1.240	50	2212	0.070	ug/L #	82
9) Trichlorofluoromethane	1.751	101	153573	4.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	3726	0.182	ug/L #	75
12) 1,1-Dichloroethene	2.114	96	2052	0.101	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	224196	5.030	ug/L	100
19) 1,1-Dichloroethane	3.185	63	26061	0.627	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	2366	0.105	ug/L	77
25) Chloroform	4.368	83	20234	0.512	ug/L	95
29) 1,1,1-Trichloroethane	4.600	97	1358	0.042	ug/L #	89
34) Trichloroethene	5.908	95	44201	1.903	ug/L	98
35) Methylcyclohexane	6.063	83	22850	0.609	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	11690	0.511	ug/L #	88
38) Bromodichloromethane	6.510	83	1279	0.050	ug/L #	76
47) Tetrachloroethene	7.969	164	7880	0.517	ug/L	92
49) Dibromochloromethane	7.969	129	7106	0.501	ug/L #	10
61) 1,2,3-Trichloropropane	11.236	75	16001	1.485	ug/L #	65

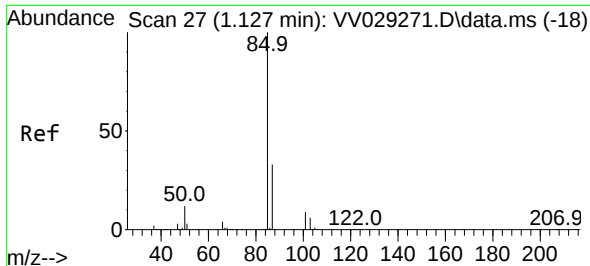
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112222\
Data File : VV029290.D
Acq On : 23 Nov 2022 02:40
Operator : SY/MD
Sample : N5652-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 04:49:31 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)

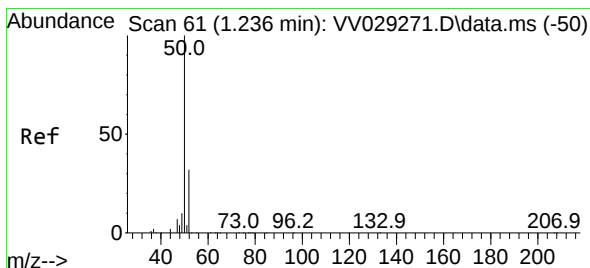
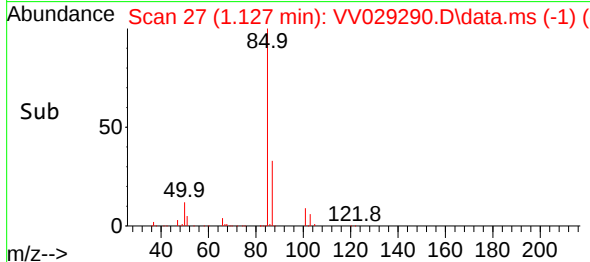
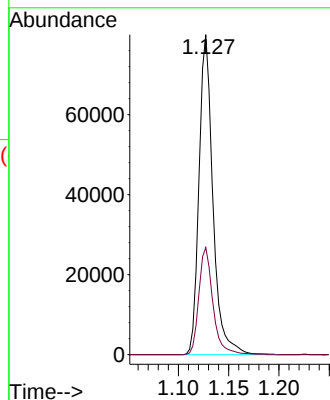
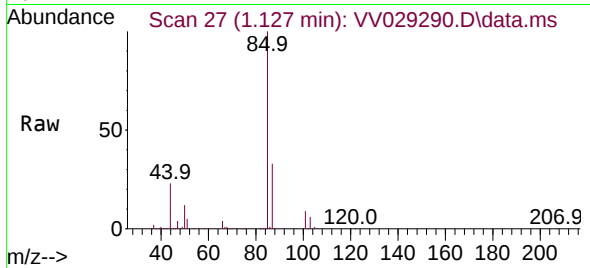
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#2
 Dichlorodifluoromethane
 Concen: 3.344 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029290.D
 Acq: 23 Nov 2022 02:40

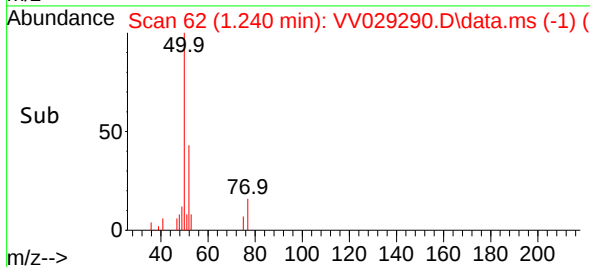
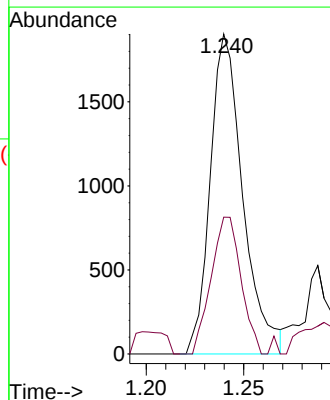
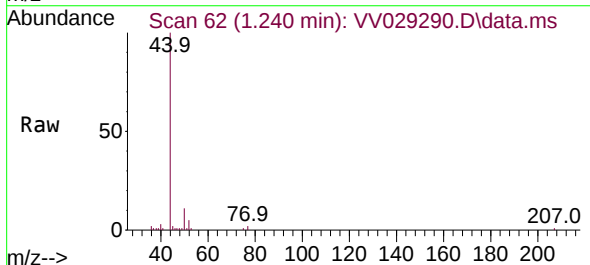
Instrument :
 MSVOA_V
 ClientSampleId :

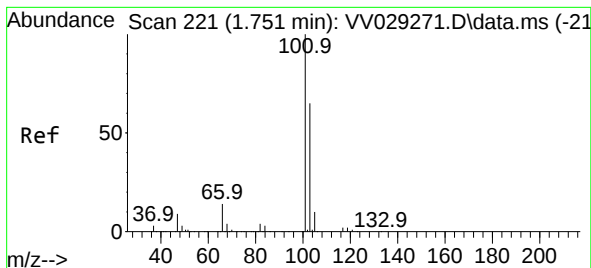
Tgt Ion: 85 Resp: 76794
 Ion Ratio Lower Upper
 85 100
 87 34.0 26.3 39.5



#3
 Chloromethane
 Concen: 0.070 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029290.D
 Acq: 23 Nov 2022 02:40

Tgt Ion: 50 Resp: 2212
 Ion Ratio Lower Upper
 50 100
 52 42.8 22.8 42.4#





#9

Trichlorofluoromethane

Concen: 4.439 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.000 min

Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

Instrument :

MSVOA_V

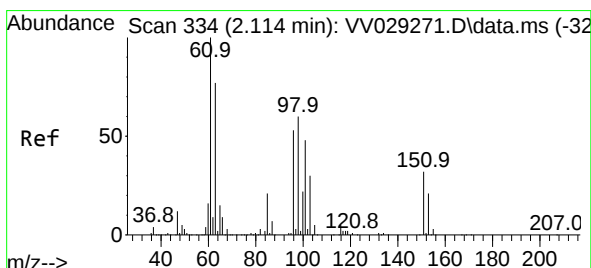
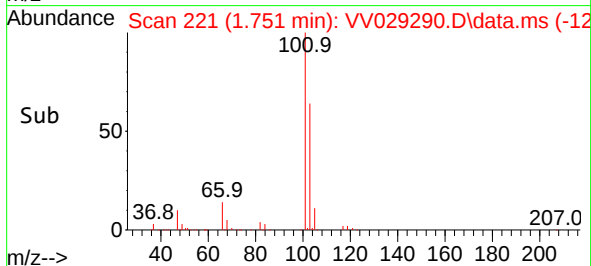
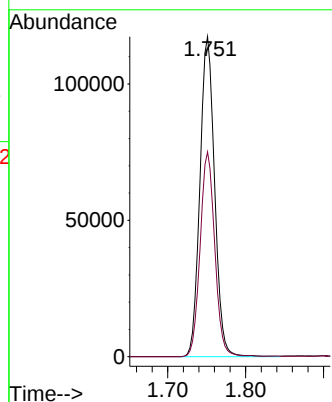
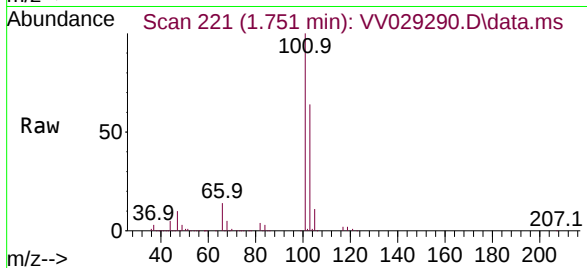
ClientSampleId :

Tgt Ion:101 Resp: 153573

Ion Ratio Lower Upper

101 100

103 63.6 51.7 77.5



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.182 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

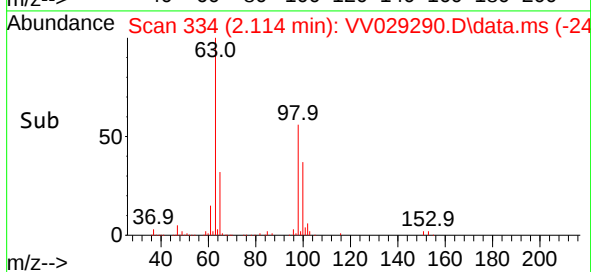
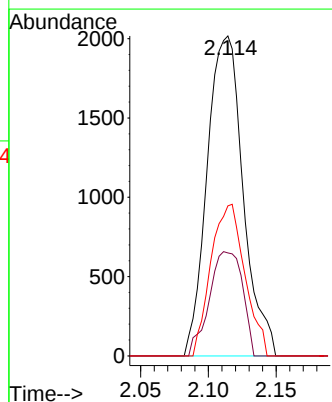
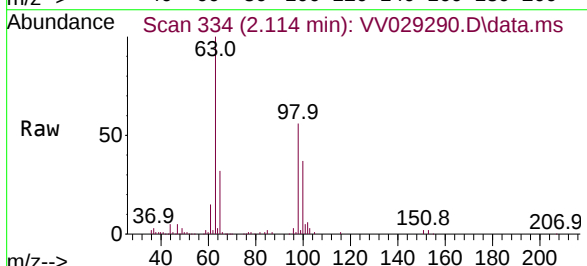
Tgt Ion:101 Resp: 3726

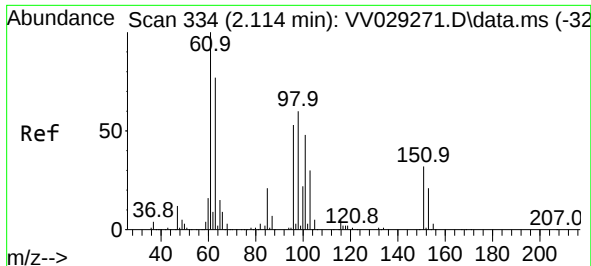
Ion Ratio Lower Upper

101 100

85 30.1 34.7 52.1#

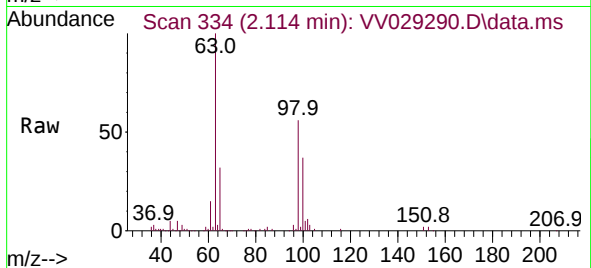
151 44.6 53.4 80.2#



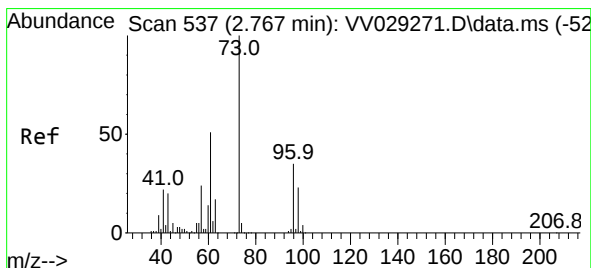
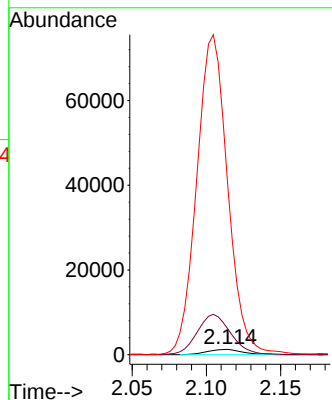
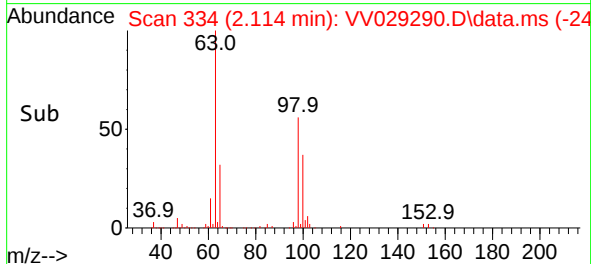


#12
1,1-Dichloroethene
Concen: 0.101 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029290.D
Acq: 23 Nov 2022 02:40

Instrument :
MSVOA_V
ClientSampleId :

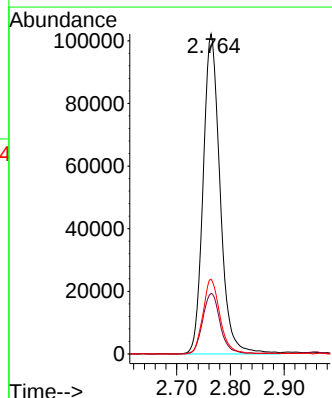
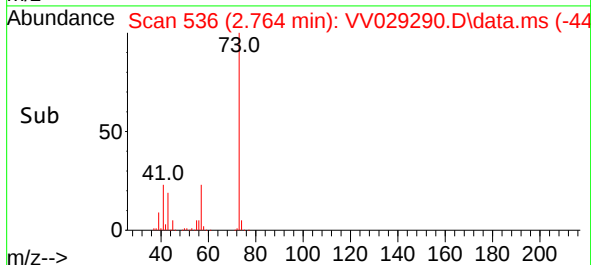
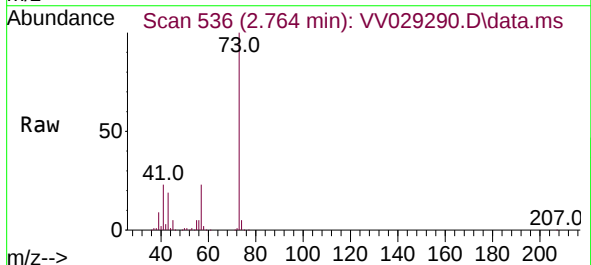


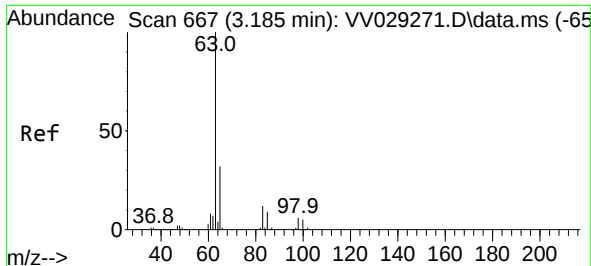
Tgt Ion: 96 Resp: 2052
Ion Ratio Lower Upper
96 100
61 487.1 131.9 245.0#
63 3193.6 98.6 183.0#



#17
Methyl tert-butyl Ether
Concen: 5.030 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029290.D
Acq: 23 Nov 2022 02:40

Tgt Ion: 73 Resp: 224196
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2
57 23.5 18.9 28.3





#19

1,1-Dichloroethane

Concen: 0.627 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV029290.D

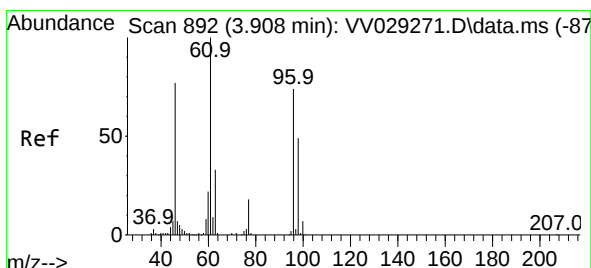
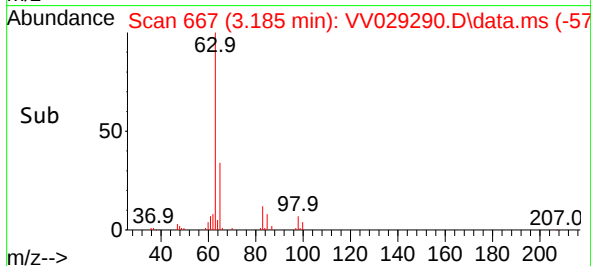
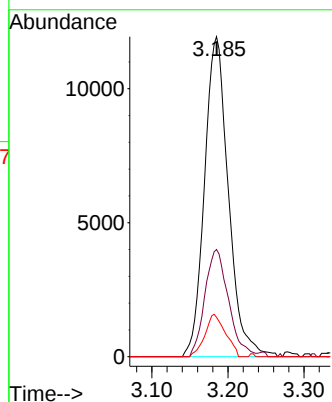
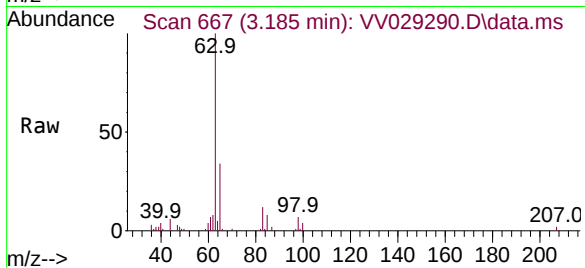
Acq: 23 Nov 2022 02:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 26061
Ion Ratio	Lower Upper
63 100	
65 33.5	22.1 41.1
83 12.3	9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 0.105 ug/L

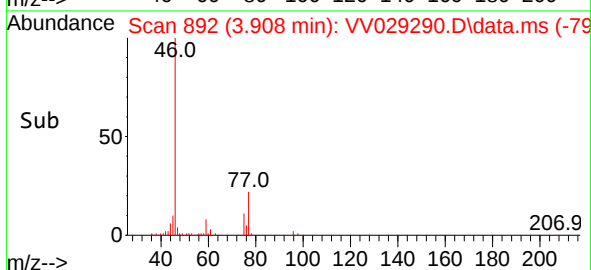
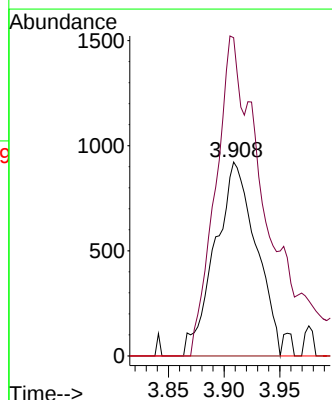
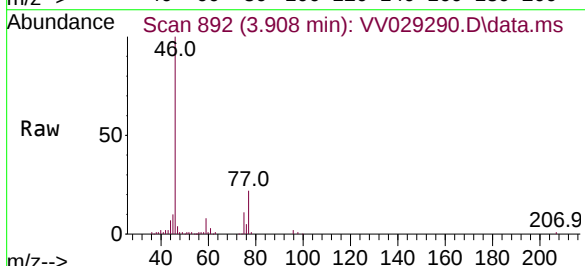
RT: 3.908 min Scan# 892

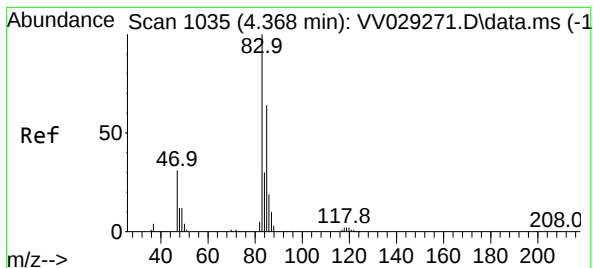
Delta R.T. 0.000 min

Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

Tgt Ion: 96	Resp: 2366
Ion Ratio	Lower Upper
96 100	
61 164.2	95.8 178.0
68 0.0	0.0 0.0





#25

Chloroform

Concen: 0.512 ug/L

RT: 4.368 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

Instrument :

MSVOA_V

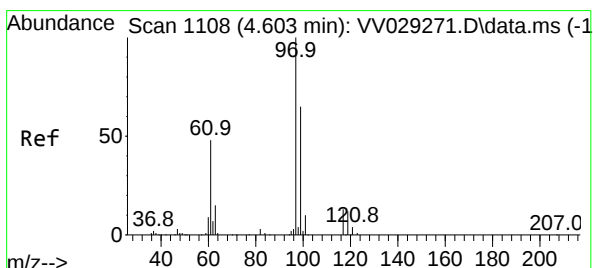
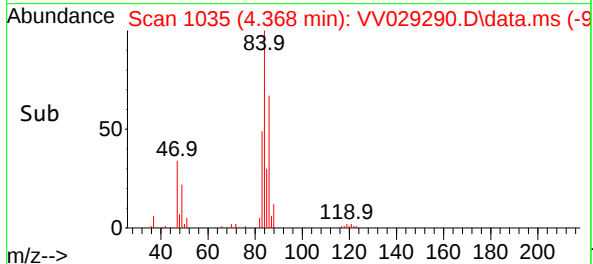
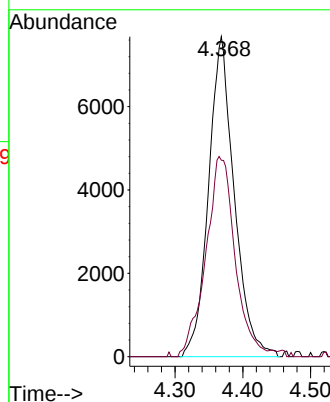
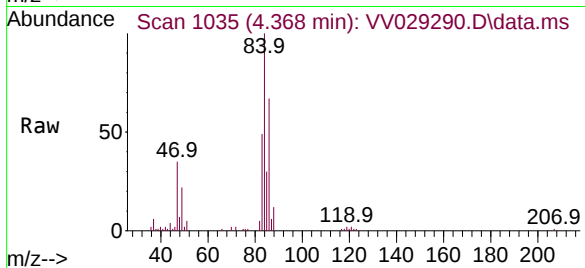
ClientSampleId :

Tgt Ion: 83 Resp: 20234

Ion Ratio Lower Upper

83 100

85 61.4 45.6 84.6



#29

1,1,1-Trichloroethane

Concen: 0.042 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

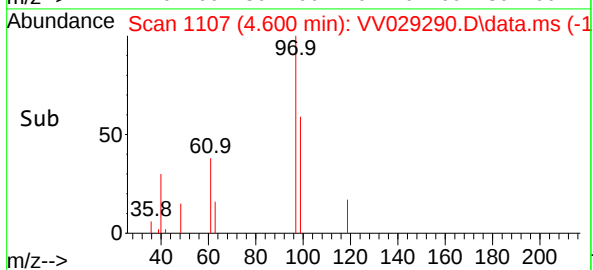
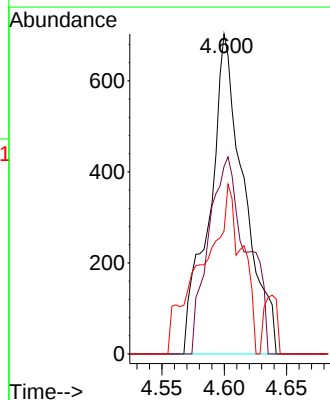
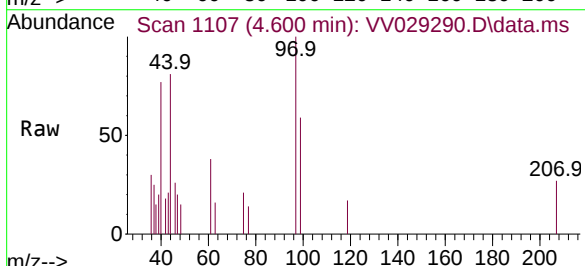
Tgt Ion: 97 Resp: 1358

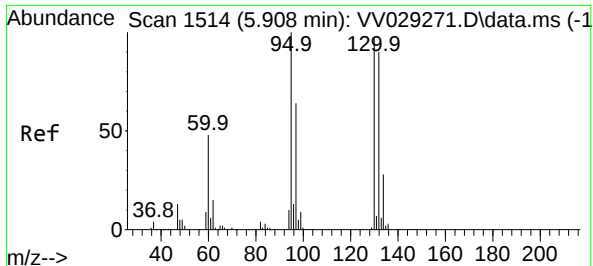
Ion Ratio Lower Upper

97 100

99 68.1 51.1 76.7

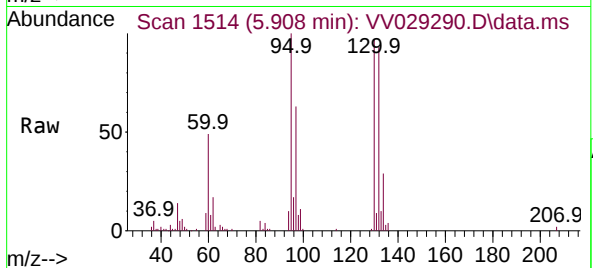
61 61.0 39.0 58.4#



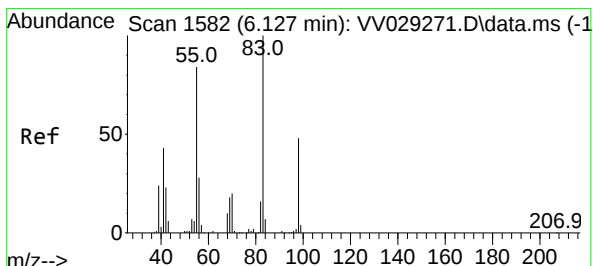
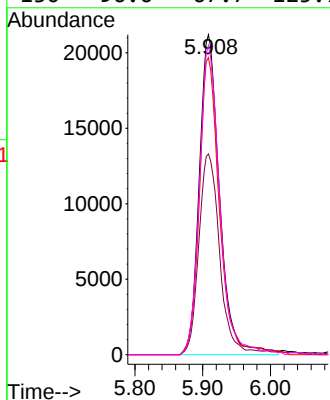
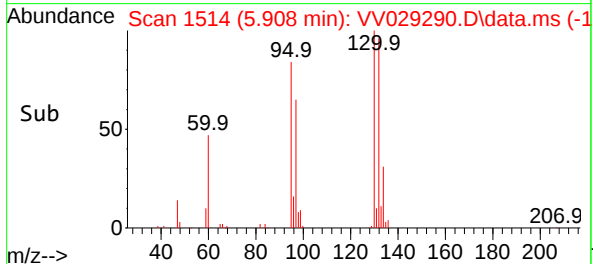


#34
Trichloroethene
Concen: 1.903 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV029290.D
Acq: 23 Nov 2022 02:40

Instrument :
MSVOA_V
ClientSampleId :

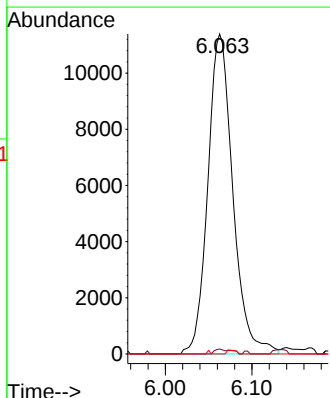
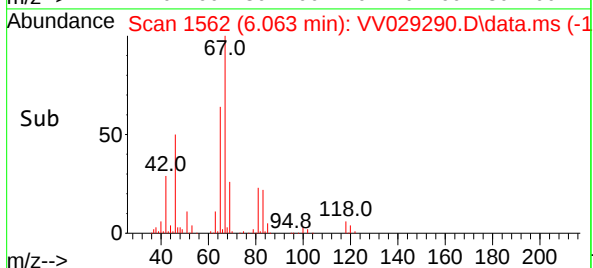
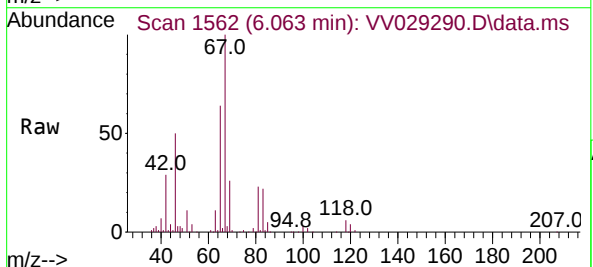


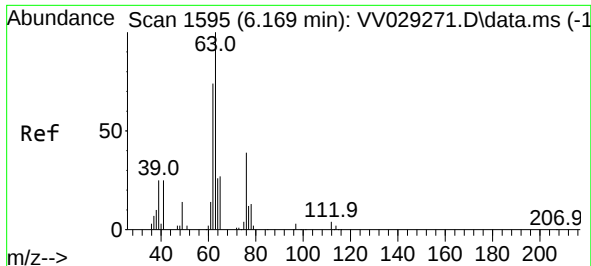
Tgt Ion:	95	Resp:	44201
Ion	Ratio	Lower	Upper
95	100		
97	62.8	46.7	86.7
132	92.9	65.7	122.1
130	96.6	67.7	125.7



#35
Methylcyclohexane
Concen: 0.609 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029290.D
Acq: 23 Nov 2022 02:40

Tgt Ion:	83	Resp:	22850
Ion	Ratio	Lower	Upper
83	100		
55	1.0	65.7	98.5#
98	0.0	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

Instrument :

MSVOA_V

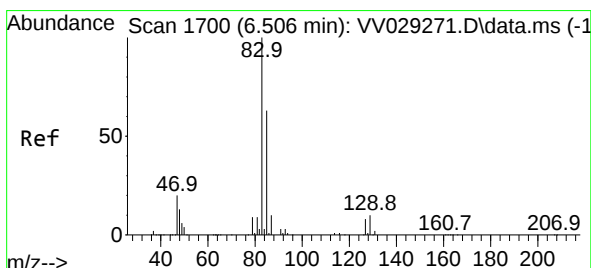
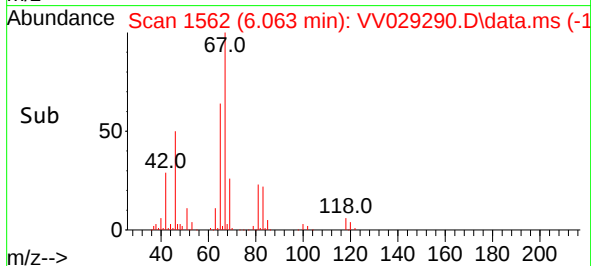
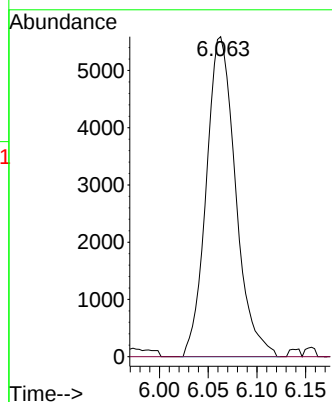
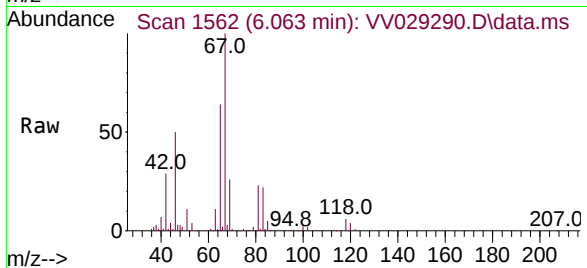
ClientSampleId :

Tgt Ion: 63 Resp: 11690

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.050 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

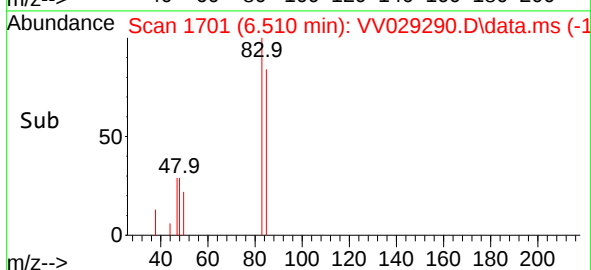
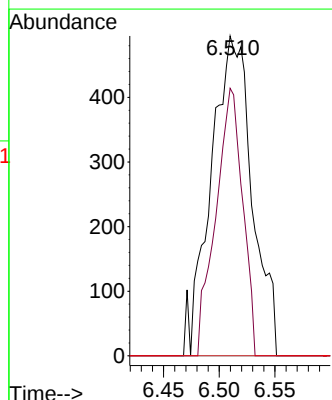
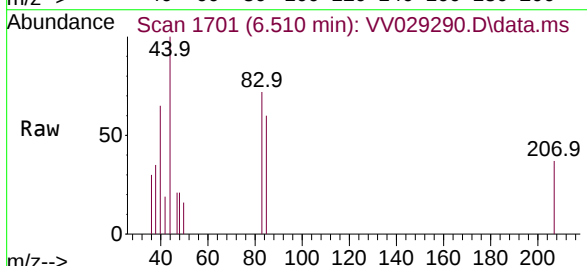
Tgt Ion: 83 Resp: 1279

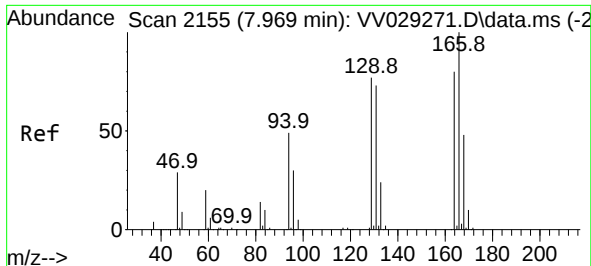
Ion Ratio Lower Upper

83 100

85 83.6 45.1 83.7

127 0.0 6.2 9.4#





#47

Tetrachloroethene

Concen: 0.517 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

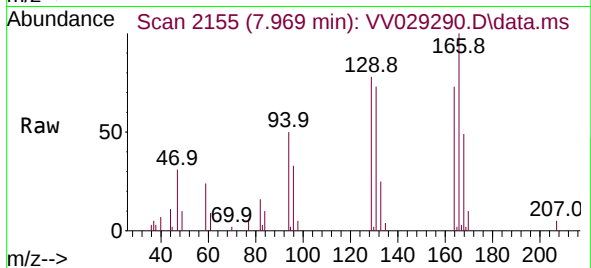
Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 7880

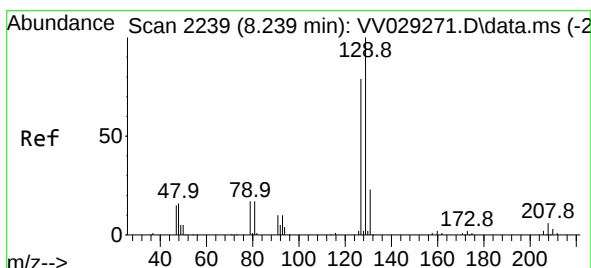
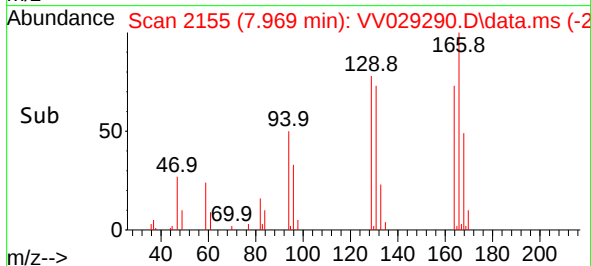
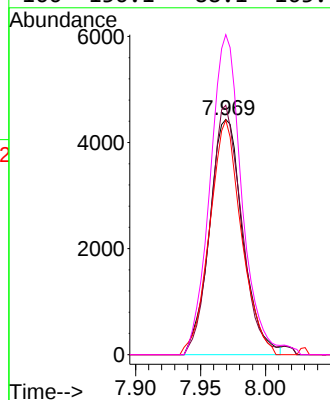
Ion Ratio Lower Upper

164 100

129 106.1 68.3 126.8

131 99.7 65.2 121.0

166 136.1 88.1 163.7



#49

Dibromochloromethane

Concen: 0.501 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029290.D

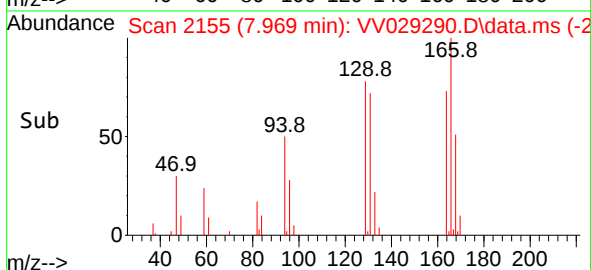
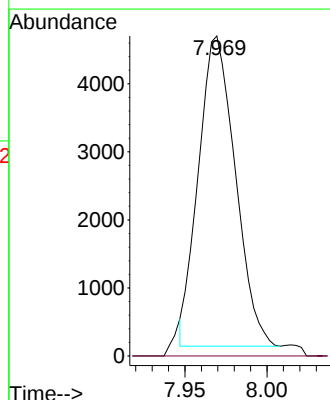
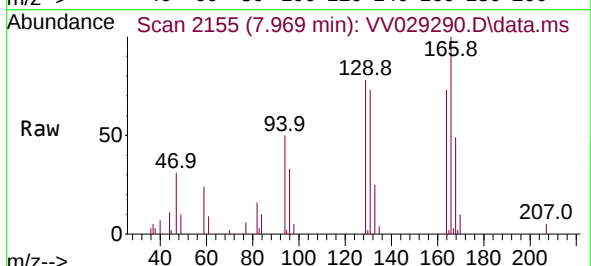
Acq: 23 Nov 2022 02:40

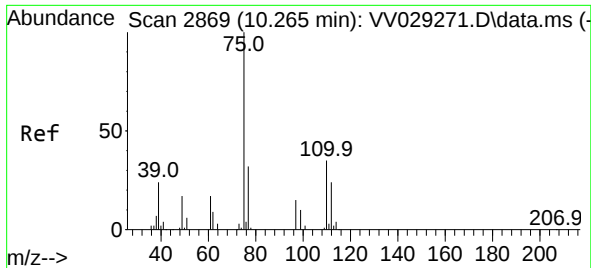
Tgt Ion:129 Resp: 7106

Ion Ratio Lower Upper

129 100

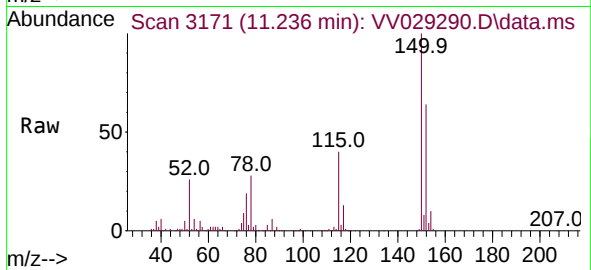
127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.485 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029290.D
 Acq: 23 Nov 2022 02:40

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	16001
Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.4	38.0
110	2.8	29.6	44.4#

