

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 :
 BH1L6

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)

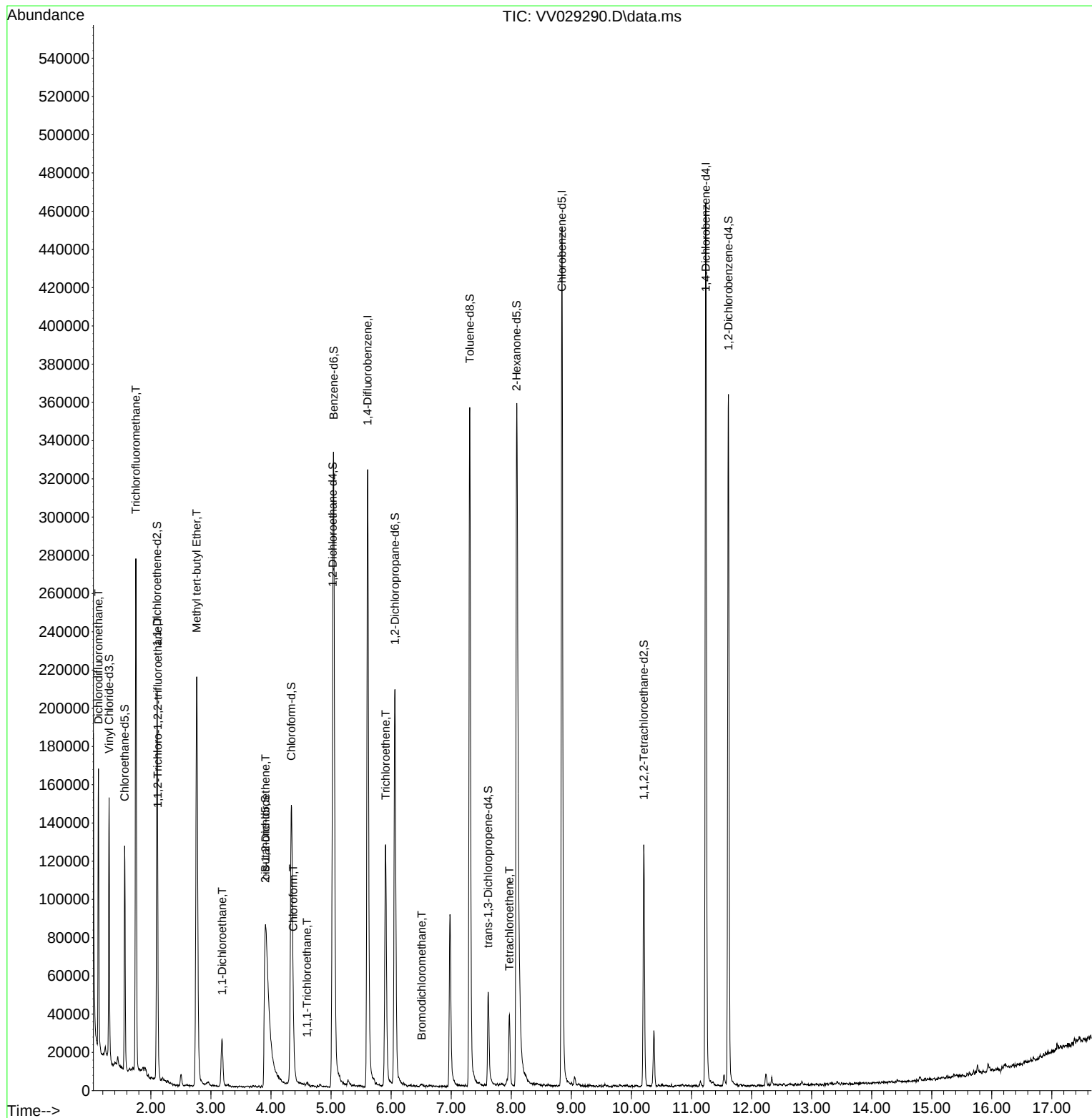
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	274970	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	242359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	112617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84694	3.229	ug/L	0.00
Spiked Amount	5.000	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
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
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
38) Bromodichloromethane	6.510	83	1279	0.050	ug/L #	76
47) Tetrachloroethene	7.969	164	7880	0.517	ug/L	92

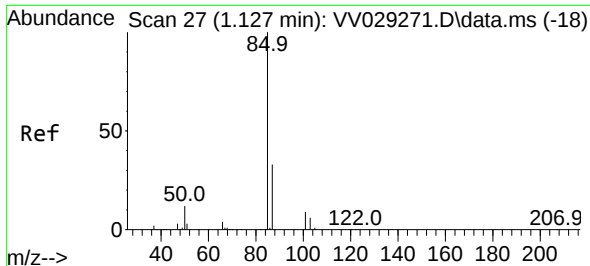
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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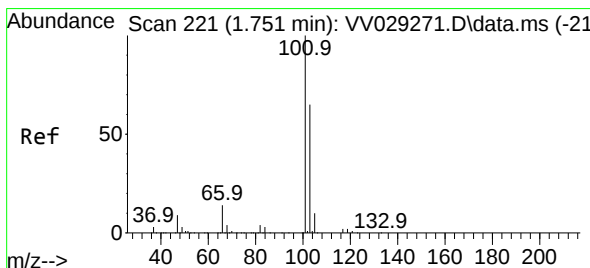
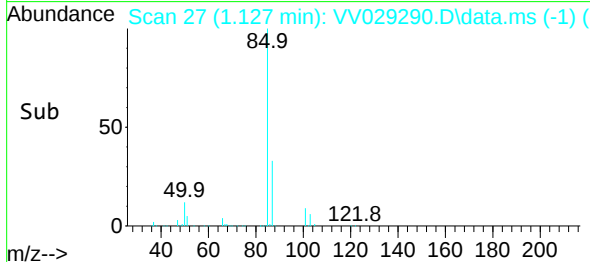
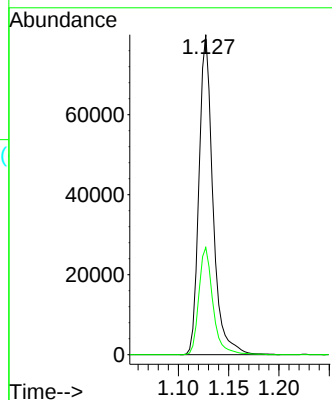
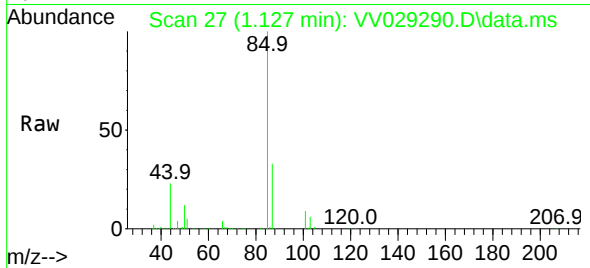




#2
Dichlorodifluoromethane
Concen: 3.344 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029290.D
Acq: 23 Nov 2022 02:40

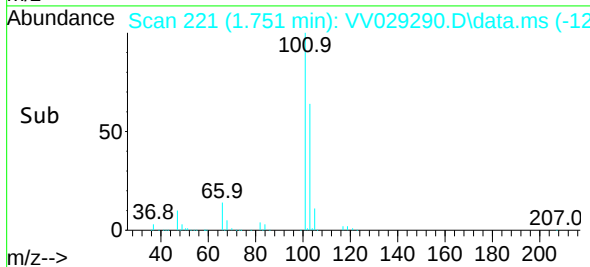
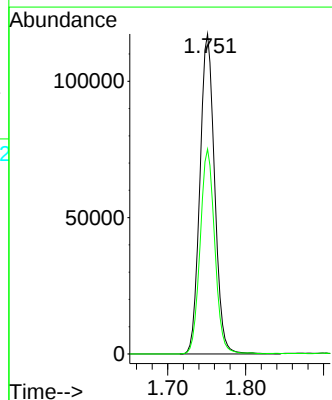
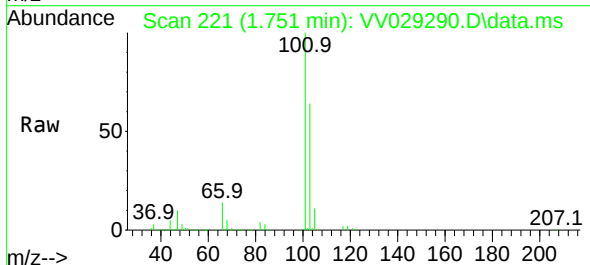
Instrument :
MSVOA_V
ClientSampleId :
BH1L6

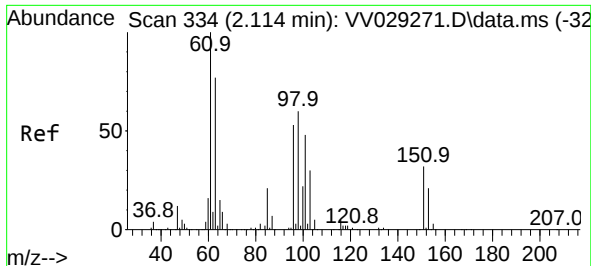
Tgt Ion: 85 Resp: 76794
Ion Ratio Lower Upper
85 100
87 34.0 26.3 39.5



#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

Tgt Ion:101 Resp: 153573
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5

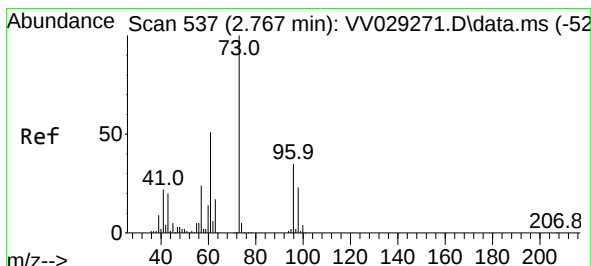
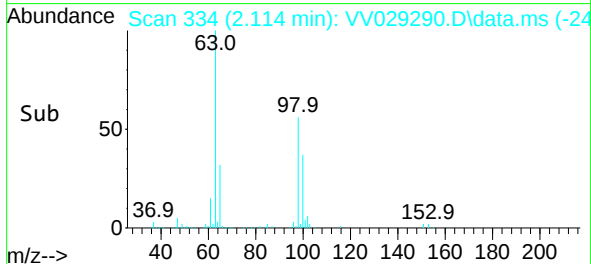
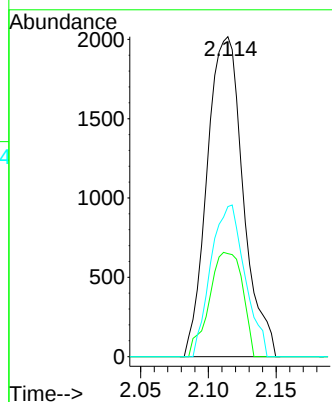
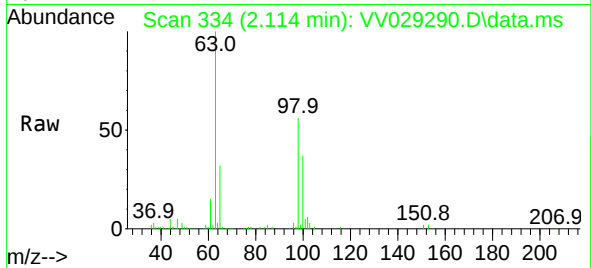




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.182 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029290.D
 Acq: 23 Nov 2022 02:40

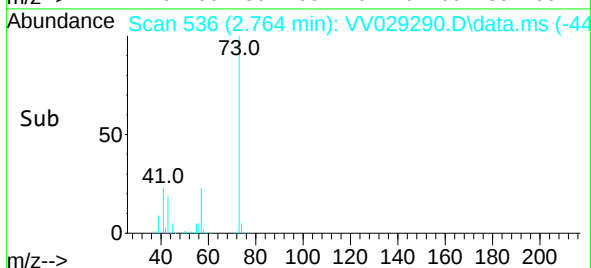
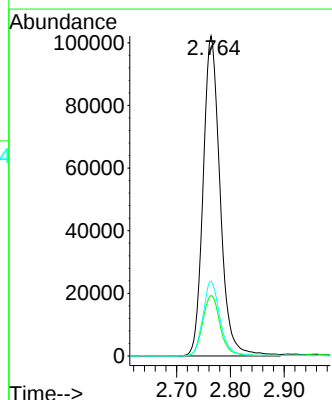
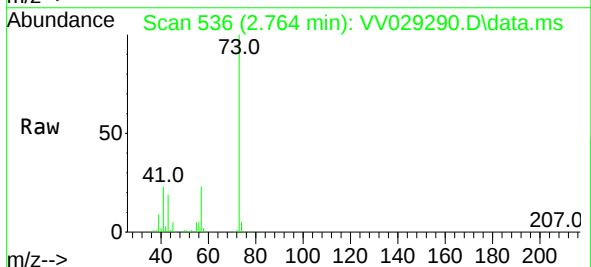
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L6

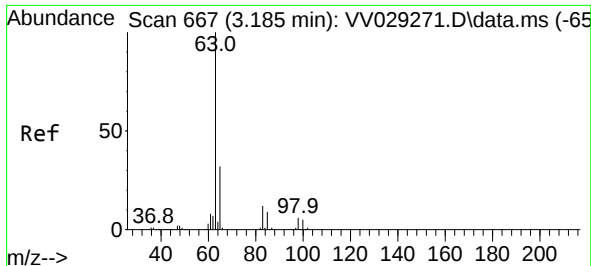
Tgt Ion:101 Resp: 3726
 Ion Ratio Lower Upper
 101 100
 85 30.1 34.7 52.1#
 151 44.6 53.4 80.2#



#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# 6

Delta R.T. 0.000 min

Lab File: VV029290.D

Acq: 23 Nov 2022 02:40

Instrument :

MSVOA_V

ClientSampleId :

BH1L6

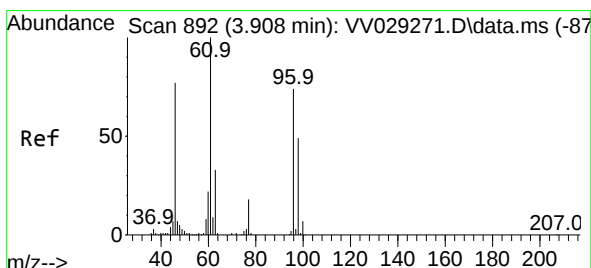
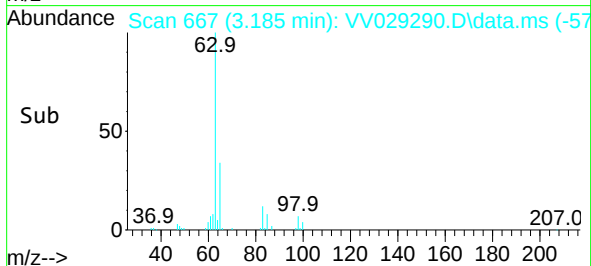
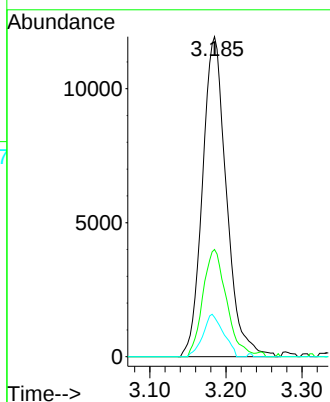
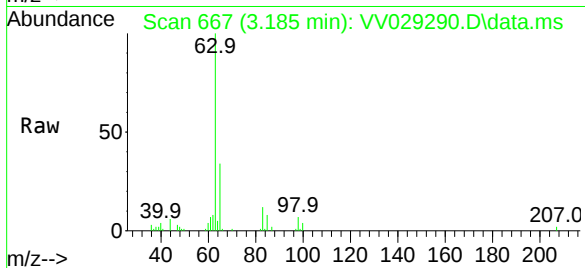
Tgt Ion: 63 Resp: 26061

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

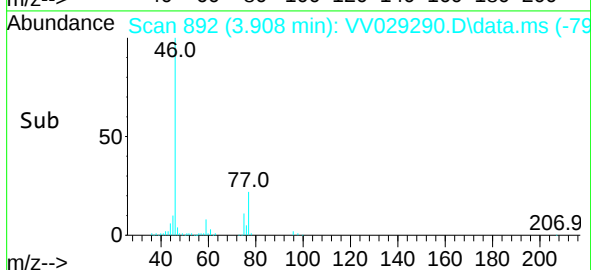
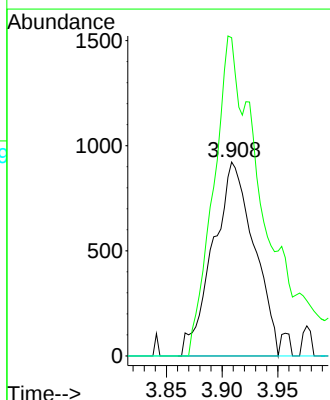
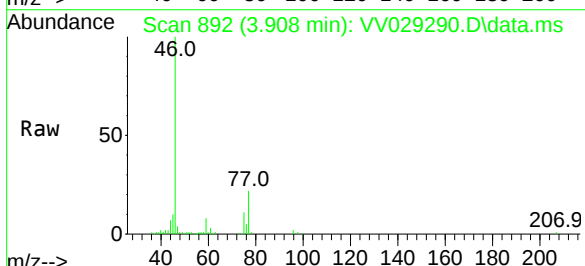
Tgt Ion: 96 Resp: 2366

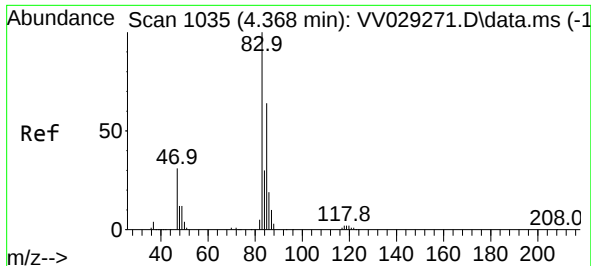
Ion Ratio Lower Upper

96 100

61 164.2 95.8 178.0

68 0.0 0.0 0.0

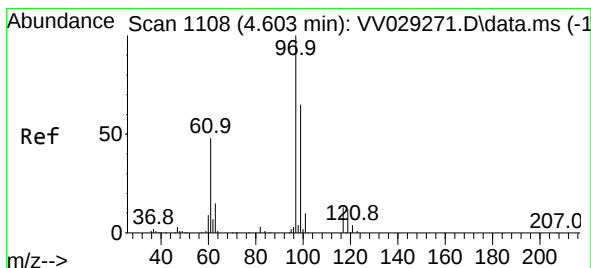
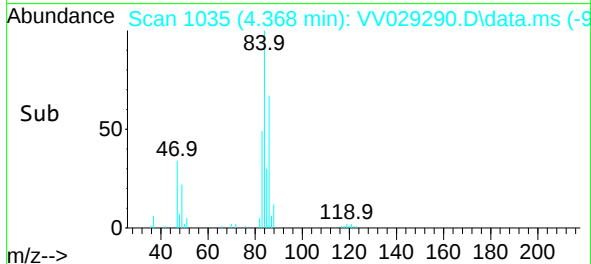
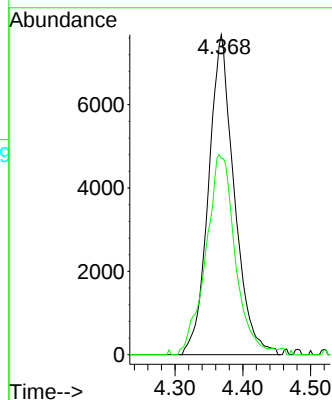
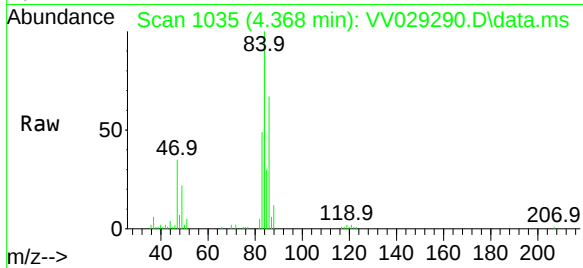




#25
Chloroform
Concen: 0.512 ug/L
RT: 4.368 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV029290.D
Acq: 23 Nov 2022 02:40

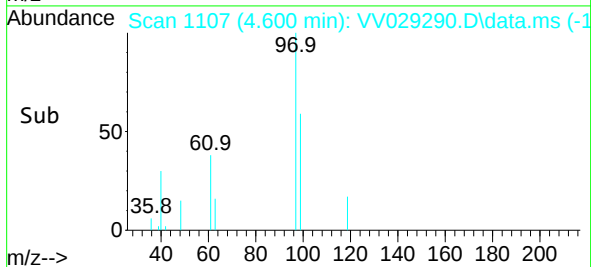
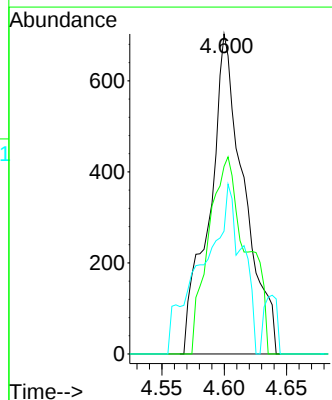
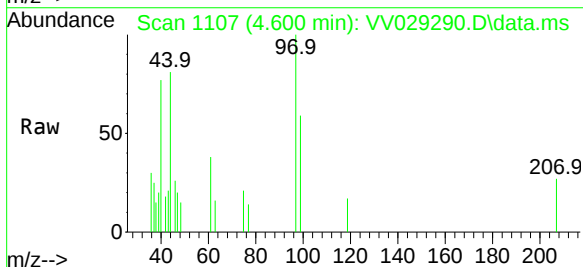
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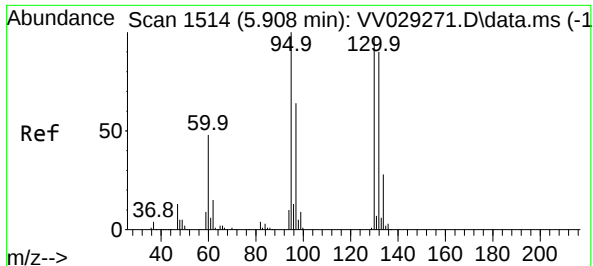
Tgt Ion: 83 Resp: 20234
Ion Ratio Lower Upper
83 100
85 61.4 45.6 84.6



#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#

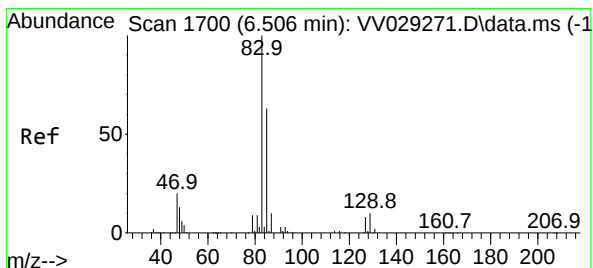
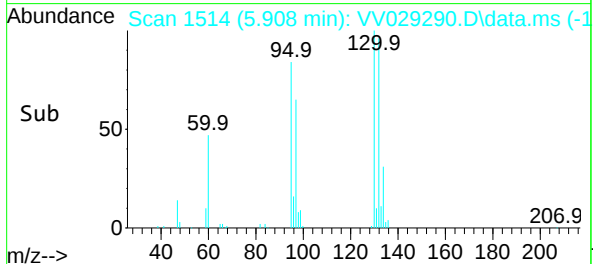
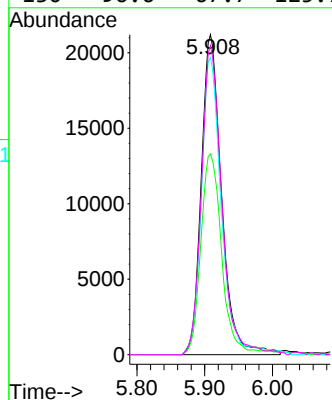
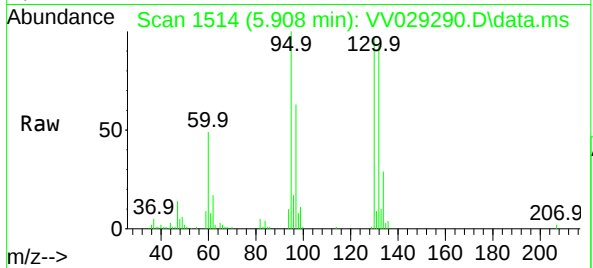




#34
Trichloroethene
Concen: 1.903 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029290.D
Acq: 23 Nov 2022 02:40

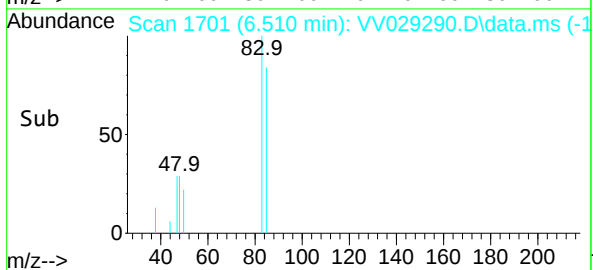
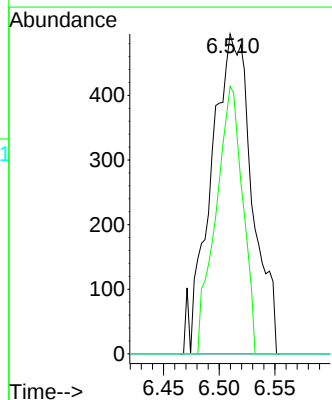
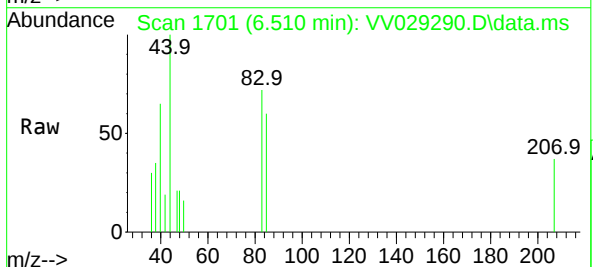
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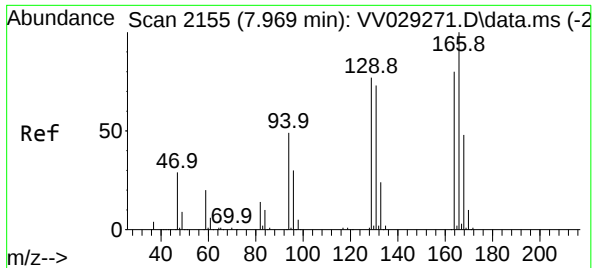
Tgt Ion: 95 Resp: 44201
Ion Ratio Lower Upper
95 100
97 62.8 46.7 86.7
132 92.9 65.7 122.1
130 96.6 67.7 125.7



#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

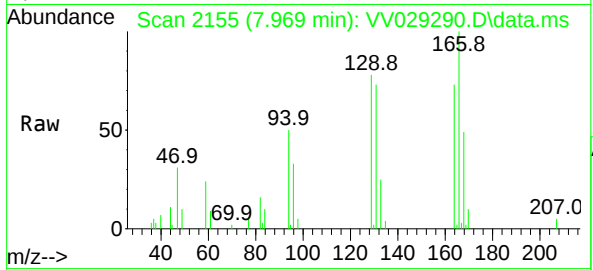
Tgt Ion: 83 Resp: 1279
Ion Ratio Lower Upper
83 100
85 83.6 45.1 83.7
127 0.0 6.2 9.4#





#47
Tetrachloroethene
Concen: 0.517 ug/L
RT: 7.969 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029290.D
Acq: 23 Nov 2022 02:40

Instrument :
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ClientSampleId :
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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

