

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029283.D
 Acq On : 22 Nov 2022 23:49
 Operator : SY/MD
 Sample : N5651-08DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K0DL

Quant Time: Nov 23 04:47:55 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)

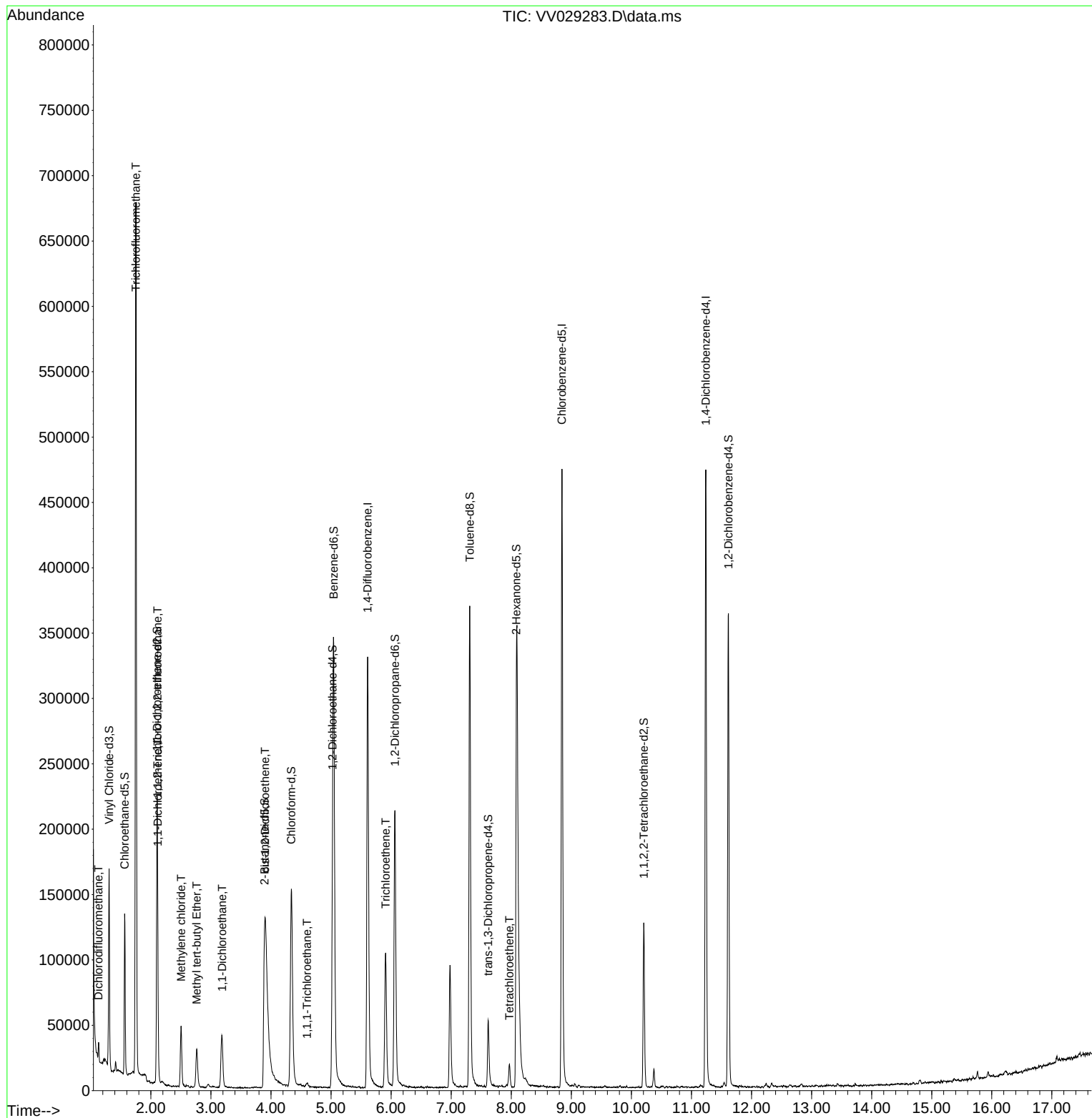
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	286981	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	255135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	116234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88411	3.230	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.600%	
7) Chloroethane-d5	1.564	69	79312	3.701	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.000%	
11) 1,1-Dichloroethene-d2	2.105	63	113883	2.442	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.800%#	
20) 2-Butanone-d5	3.892	46	219181	54.241	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.480%	
24) Chloroform-d	4.339	84	157479	4.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
26) 1,2-Dichloroethane-d4	5.024	65	79763	4.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
32) Benzene-d6	5.043	84	309028	3.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.400%	
36) 1,2-Dichloropropane-d6	6.063	67	108786	4.139	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.800%	
41) Toluene-d8	7.310	98	250079	3.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.800%#	
43) trans-1,3-Dichloroprop...	7.616	79	31942	3.650	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.000%	
46) 2-Hexanone-d5	8.085	63	88162	56.198	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.400%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63509	4.861	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.616	152	89465	3.990	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.800%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3216	0.134	ug/L	96
9) Trichlorofluoromethane	1.751	101	384134	10.638	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7325	0.342	ug/L	87
12) 1,1-Dichloroethene	2.114	96	5269	0.249	ug/L #	1
16) Methylene chloride	2.503	84	19045	0.571	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	27445	0.590	ug/L	97
19) 1,1-Dichloroethane	3.185	63	35151	0.811	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	3974	0.169	ug/L	72
29) 1,1,1-Trichloroethane	4.600	97	2260	0.067	ug/L #	73
34) Trichloroethene	5.908	95	35180	1.439	ug/L	96
47) Tetrachloroethene	7.969	164	3910	0.244	ug/L	94

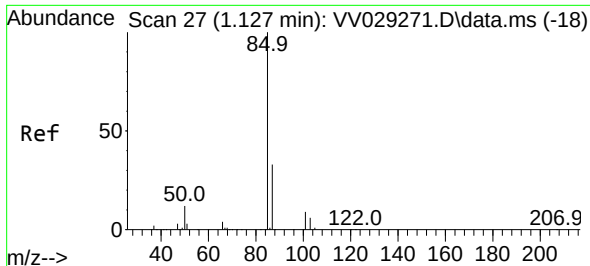
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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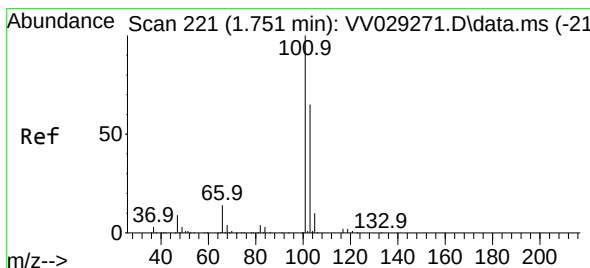
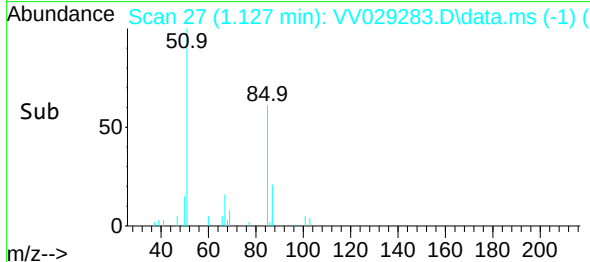
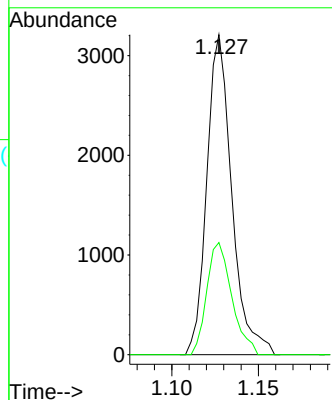
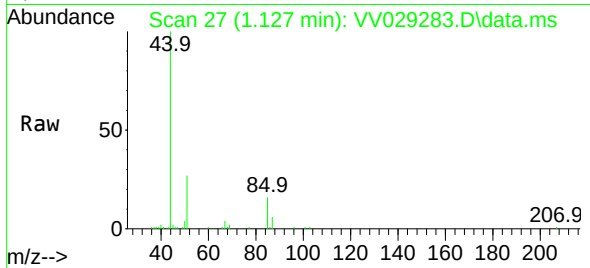




#2
Dichlorodifluoromethane
Concen: 0.134 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029283.D
Acq: 22 Nov 2022 23:49

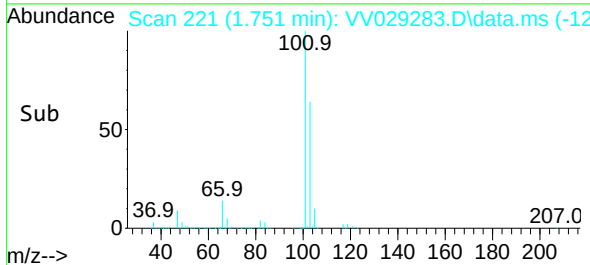
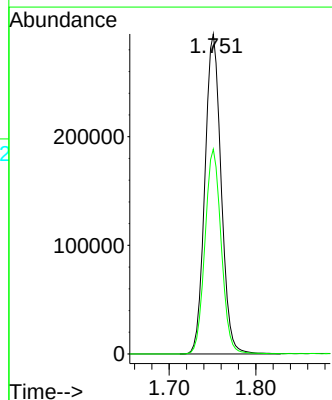
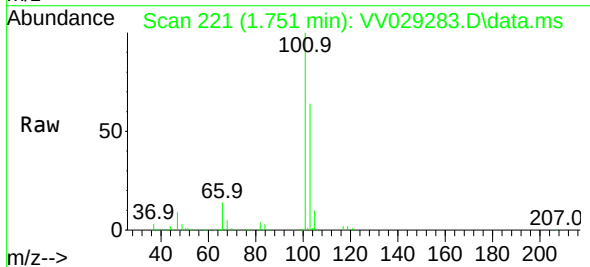
Instrument :
MSVOA_V
ClientSampleId :
BH1K0DL

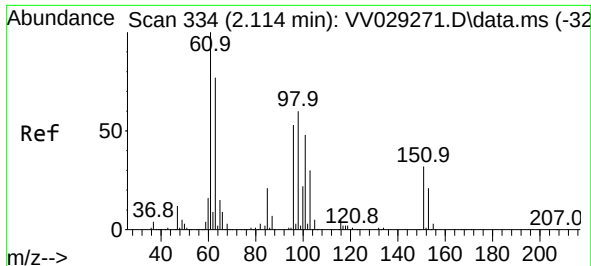
Tgt Ion: 85 Resp: 3216
Ion Ratio Lower Upper
85 100
87 35.1 26.3 39.5



#9
Trichlorofluoromethane
Concen: 10.638 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029283.D
Acq: 22 Nov 2022 23:49

Tgt Ion:101 Resp: 384134
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5





#10

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

Concen: 0.342 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029283.D

Acq: 22 Nov 2022 23:49

Instrument :

MSVOA_V

ClientSampleId :

BH1K0DL

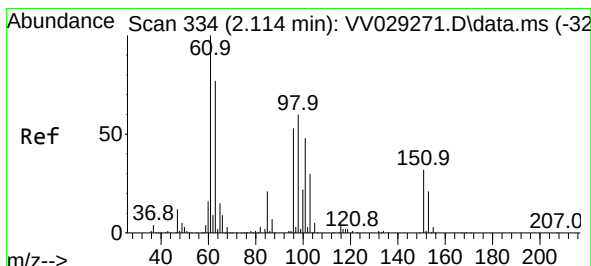
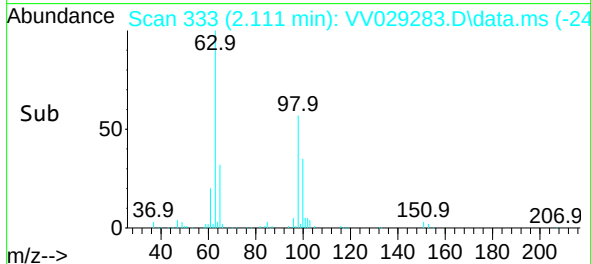
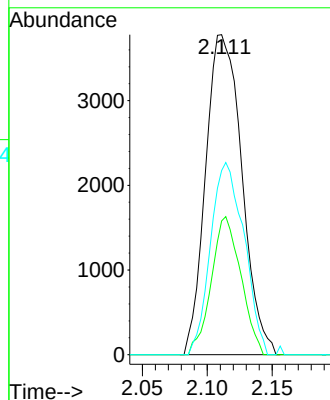
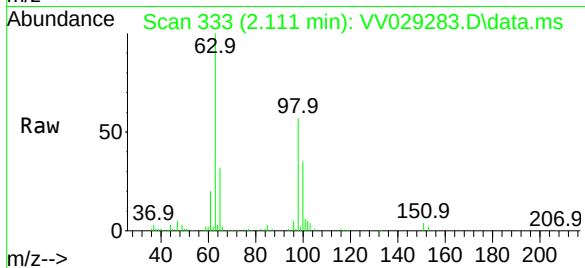
Tgt Ion:101 Resp: 7325

Ion Ratio Lower Upper

101 100

85 35.2 34.7 52.1

151 55.6 53.4 80.2



#12

1,1-Dichloroethene

Concen: 0.249 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV029283.D

Acq: 22 Nov 2022 23:49

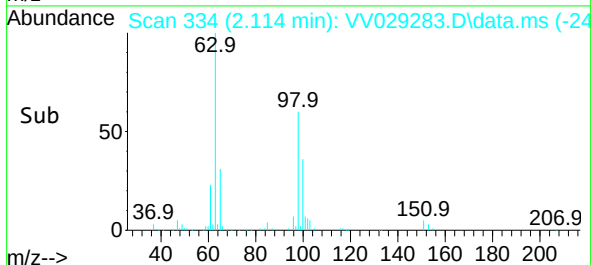
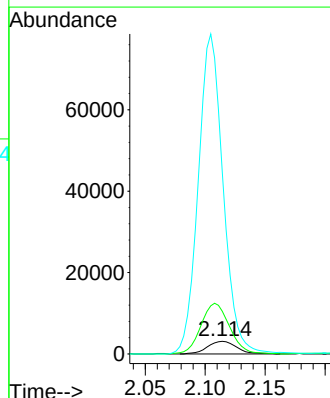
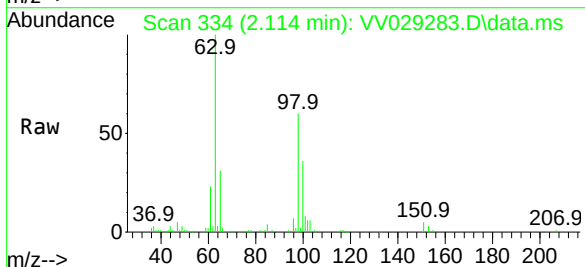
Tgt Ion: 96 Resp: 5269

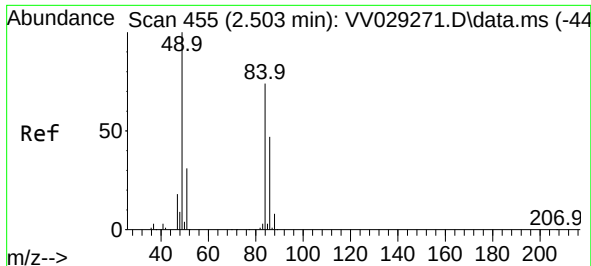
Ion Ratio Lower Upper

96 100

61 336.3 131.9 245.0#

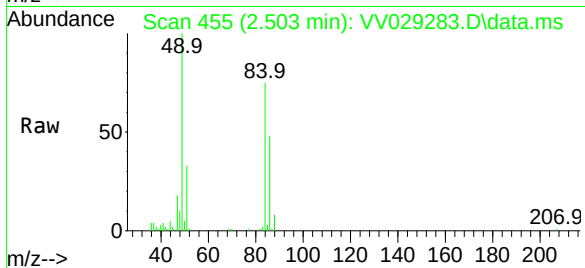
63 1433.0 98.6 183.0#



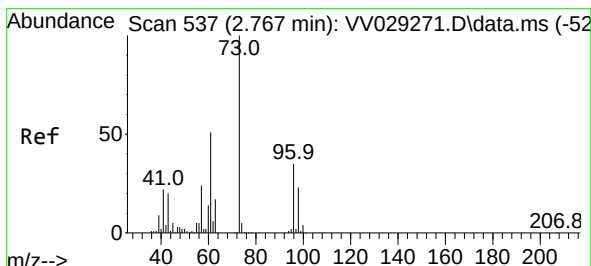
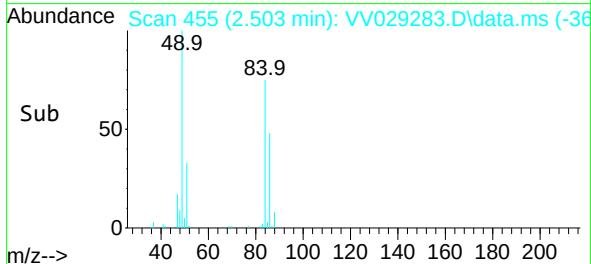
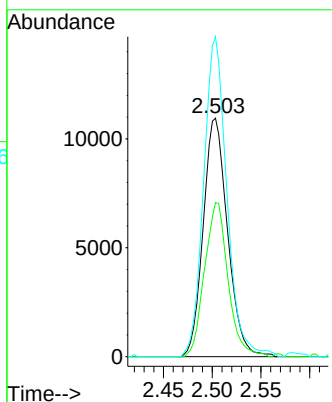


#16
Methylene chloride
Concen: 0.571 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029283.D
Acq: 22 Nov 2022 23:49

Instrument :
MSVOA_V
ClientSampleId :
BH1K0DL

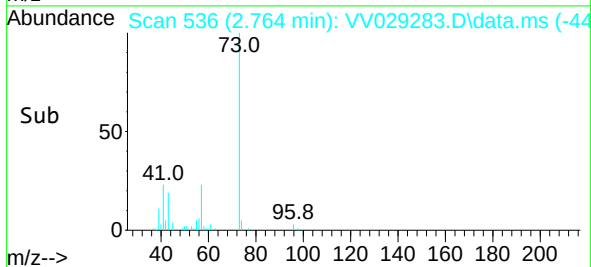
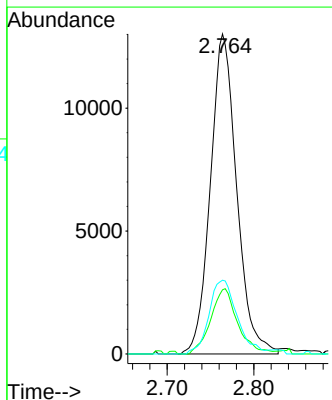
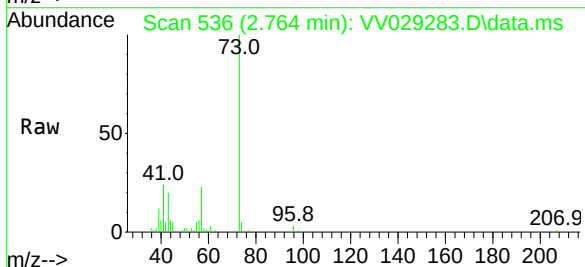


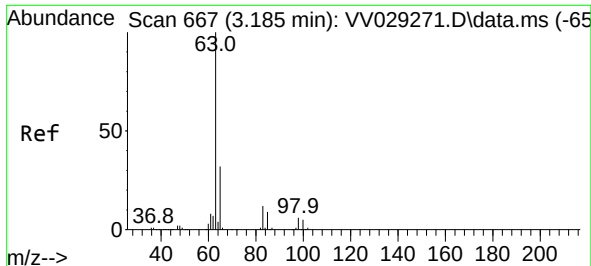
Tgt Ion: 84 Resp: 19045
Ion Ratio Lower Upper
84 100
86 64.6 44.2 82.2
49 134.1 91.9 170.7



#17
Methyl tert-butyl Ether
Concen: 0.590 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029283.D
Acq: 22 Nov 2022 23:49

Tgt Ion: 73 Resp: 27445
Ion Ratio Lower Upper
73 100
43 20.9 15.4 23.2
57 24.5 18.9 28.3





#19

1,1-Dichloroethane

Concen: 0.811 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029283.D

Acq: 22 Nov 2022 23:49

Instrument :

MSVOA_V

ClientSampleId :

BH1K0DL

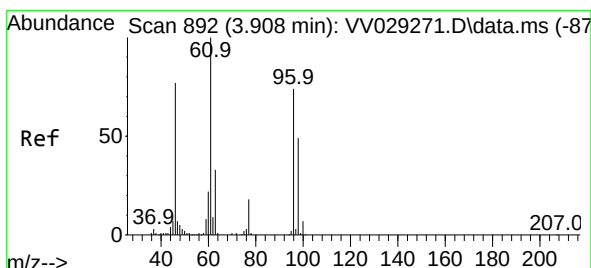
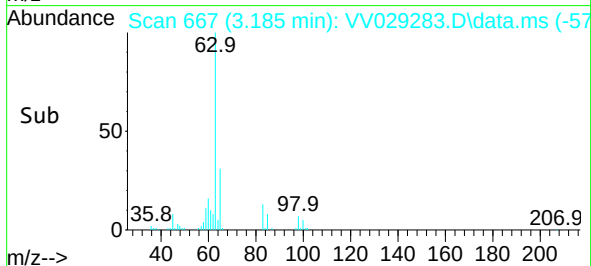
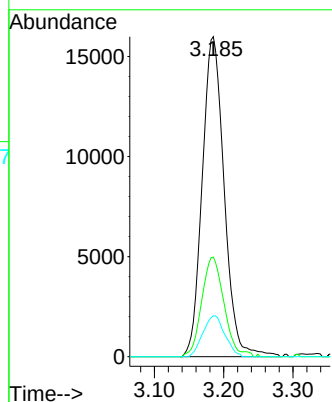
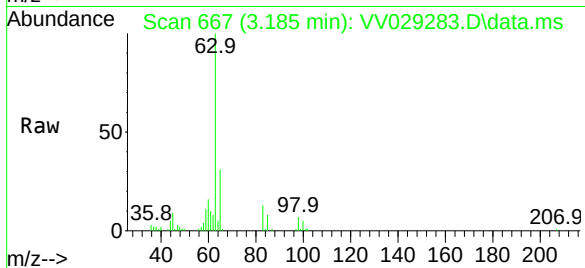
Tgt Ion: 63 Resp: 35151

Ion Ratio Lower Upper

63 100

65 31.1 22.1 41.1

83 12.7 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 0.169 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV029283.D

Acq: 22 Nov 2022 23:49

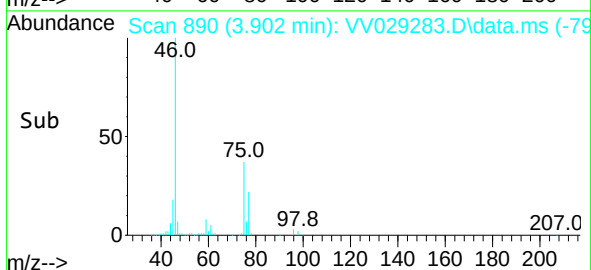
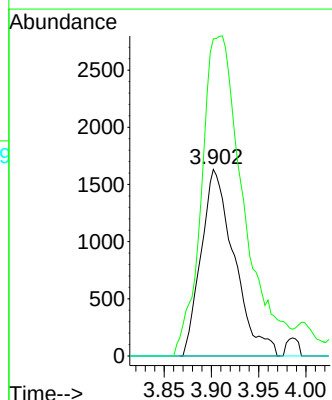
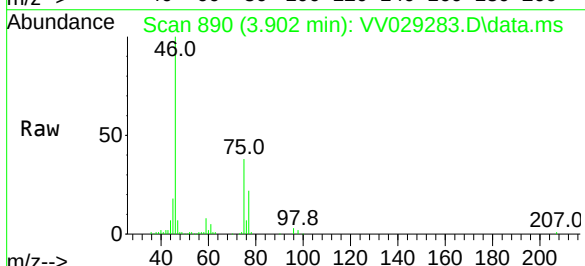
Tgt Ion: 96 Resp: 3974

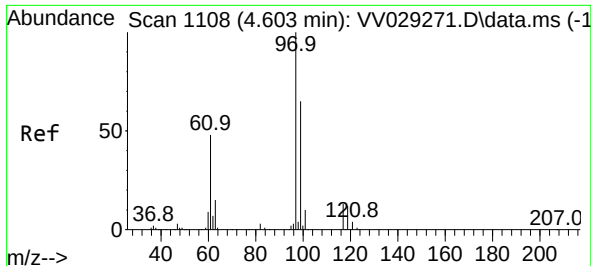
Ion Ratio Lower Upper

96 100

61 170.0 95.8 178.0

68 0.0 0.0 0.0

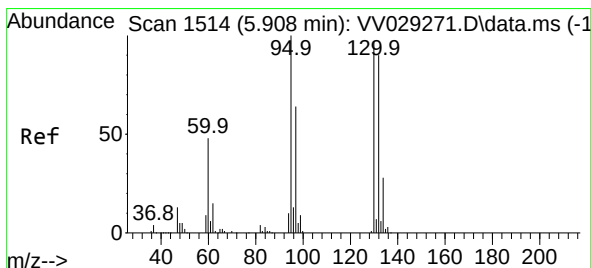
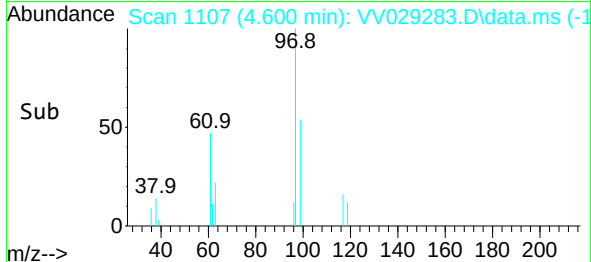
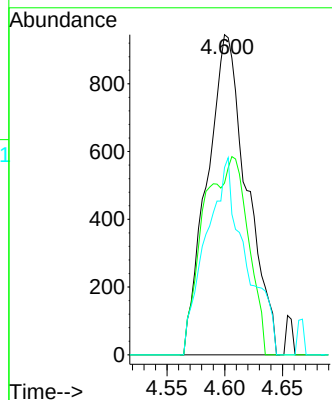
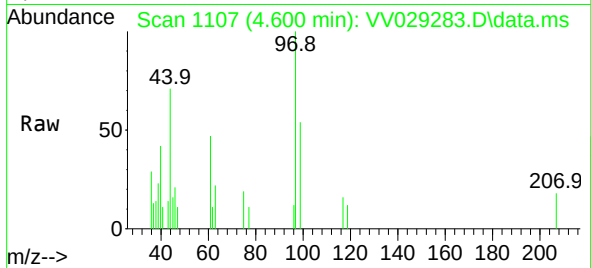




#29
1,1,1-Trichloroethane
Concen: 0.067 ug/L
RT: 4.600 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV029283.D
Acq: 22 Nov 2022 23:49

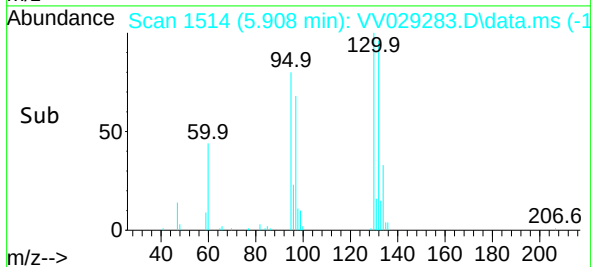
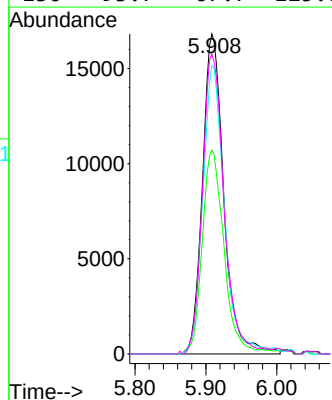
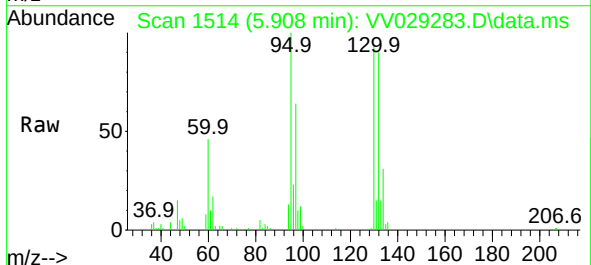
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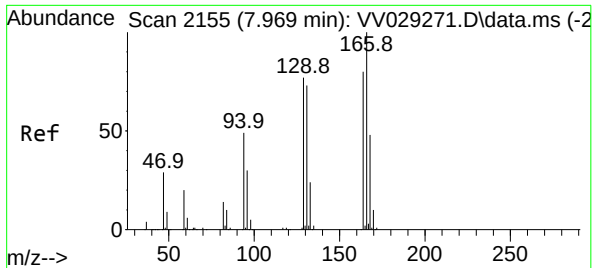
Tgt Ion: 97 Resp: 2260
Ion Ratio Lower Upper
97 100
99 37.9 51.1 76.7#
61 61.5 39.0 58.4#



#34
Trichloroethene
Concen: 1.439 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV029283.D
Acq: 22 Nov 2022 23:49

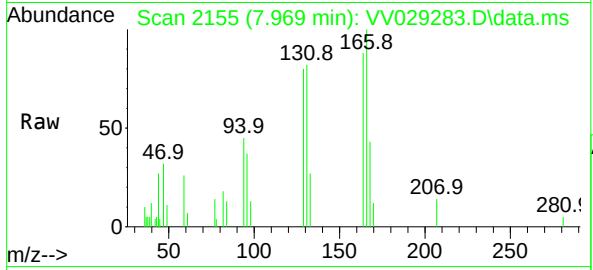
Tgt Ion: 95 Resp: 35180
Ion Ratio Lower Upper
95 100
97 63.7 46.7 86.7
132 90.2 65.7 122.1
130 93.7 67.7 125.7





#47
Tetrachloroethene
Concen: 0.244 ug/L
RT: 7.969 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029283.D
Acq: 22 Nov 2022 23:49

Instrument :
MSVOA_V
ClientSampleId :
BH1K0DL



Tgt Ion:	164	Resp:	3910
Ion	Ratio	Lower	Upper
164	100		
129	91.6	68.3	126.8
131	93.3	65.2	121.0
166	114.0	88.1	163.7

