

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029281.D
 Acq On : 22 Nov 2022 23:00
 Operator : SY/MD
 Sample : N5651-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G6DL

Quant Time: Nov 23 04:47:30 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

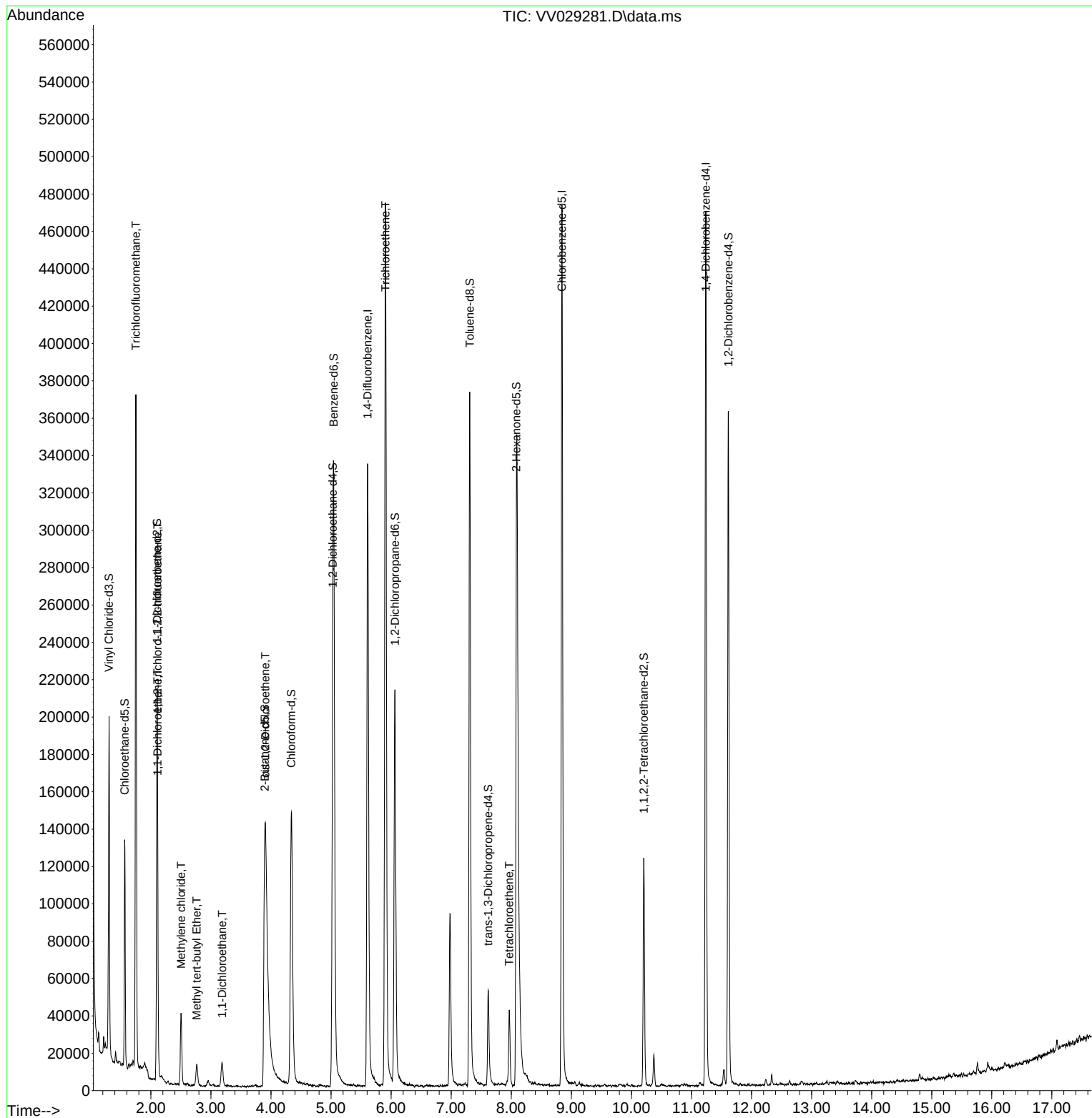
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	280670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	253583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	116648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88034	3.288	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.800%	
7) Chloroethane-d5	1.565	69	78756	3.758	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.200%	
11) 1,1-Dichloroethene-d2	2.105	63	111729	2.450	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.000%#	
20) 2-Butanone-d5	3.896	46	216768	54.850	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.700%	
24) Chloroform-d	4.339	84	155607	4.098	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
26) 1,2-Dichloroethane-d4	5.027	65	78151	4.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
32) Benzene-d6	5.044	84	308565	3.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.600%	
36) 1,2-Dichloropropane-d6	6.063	67	111161	4.255	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.200%	
41) Toluene-d8	7.310	98	248015	3.329	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.600%#	
43) trans-1,3-Dichloroprop...	7.616	79	32087	3.689	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.085	63	88235	56.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.180%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61310	4.721	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	88605	3.937	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.800%#	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.751	101	204968	5.804	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	4738	0.226	ug/L	91
12) 1,1-Dichloroethene	2.114	96	2971	0.143	ug/L #	1
16) Methylene chloride	2.503	84	15233	0.467	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	10454	0.230	ug/L #	91
19) 1,1-Dichloroethane	3.185	63	12789	0.302	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	14872	0.648	ug/L	92
34) Trichloroethene	5.905	95	172958	7.118	ug/L	99
47) Tetrachloroethene	7.966	164	8940	0.560	ug/L	95

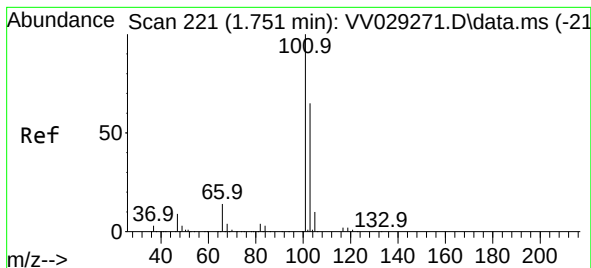
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 23 01:46:18 2022
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 5.804 ug/L

RT: 1.751 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

Instrument :

MSVOA_V

ClientSampleId :

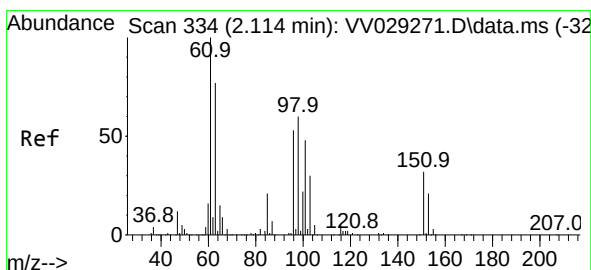
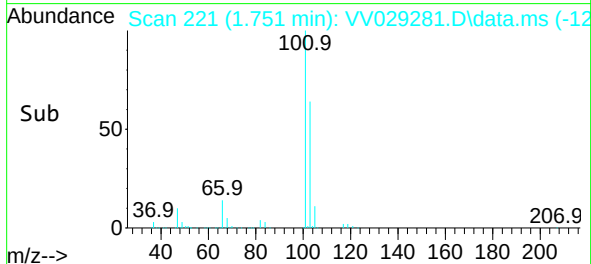
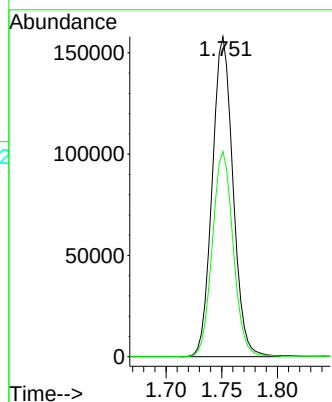
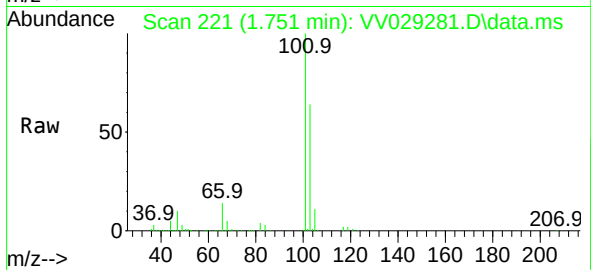
BH1G6DL

Tgt Ion:101 Resp: 204968

Ion Ratio Lower Upper

101 100

103 64.5 51.7 77.5



#10

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

Concen: 0.226 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

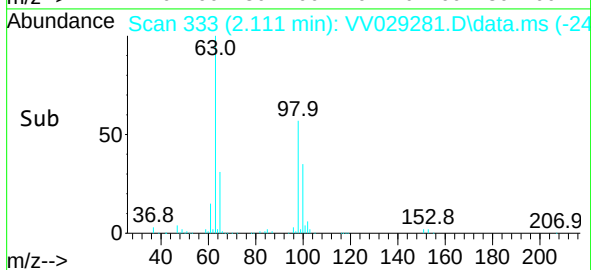
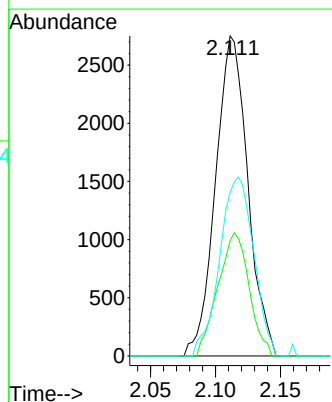
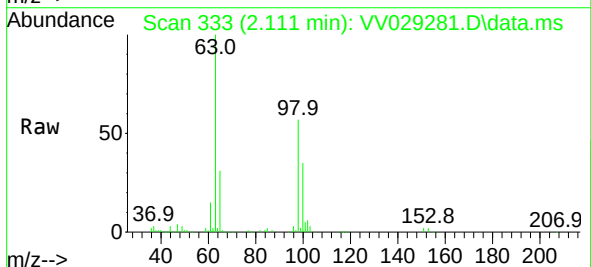
Tgt Ion:101 Resp: 4738

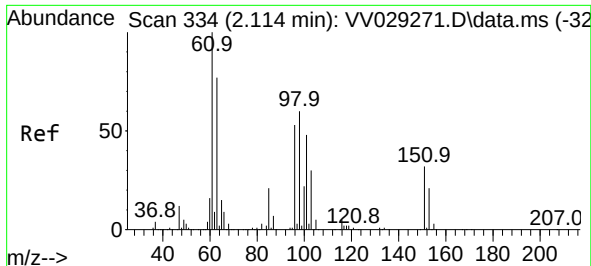
Ion Ratio Lower Upper

101 100

85 37.3 34.7 52.1

151 59.2 53.4 80.2

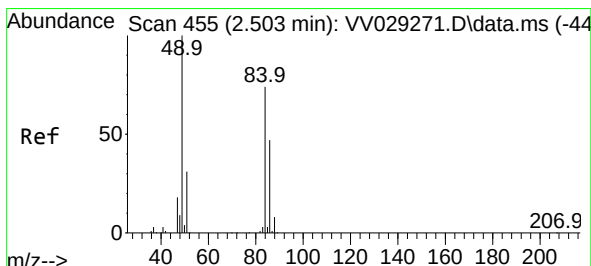
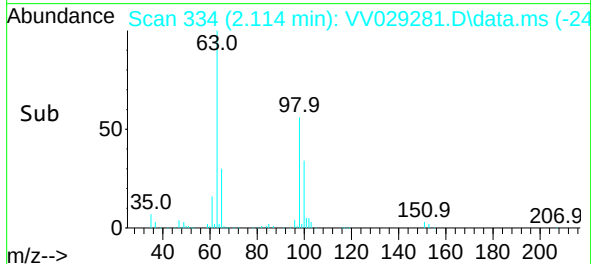
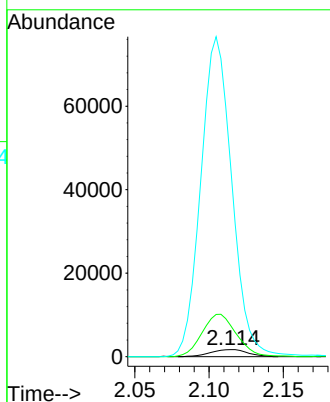
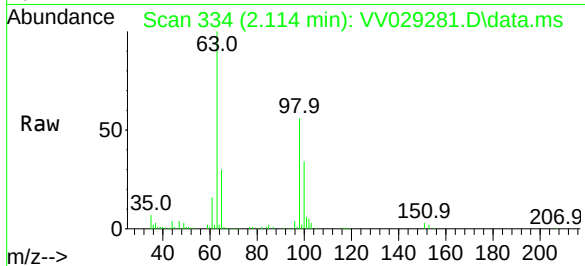




#12
1,1-Dichloroethene
Concen: 0.143 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

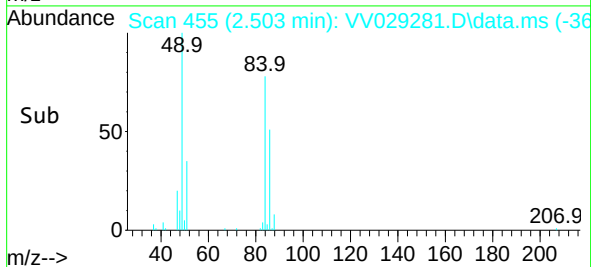
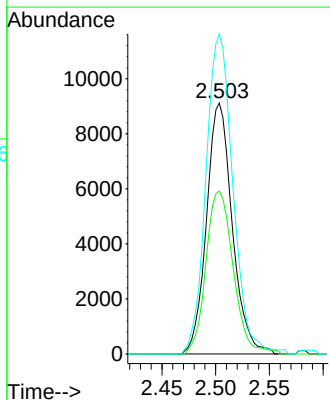
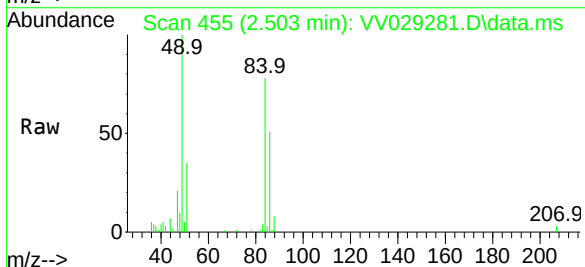
Instrument :
MSVOA_V
ClientSampleId :
BH1G6DL

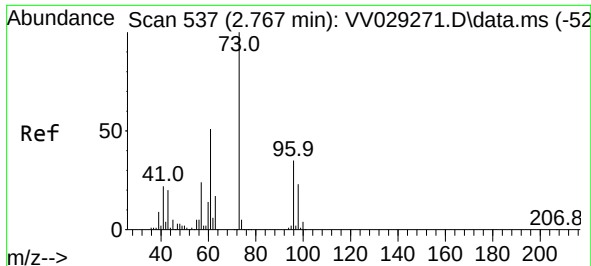
Tgt Ion: 96 Resp: 2971
Ion Ratio Lower Upper
96 100
61 443.7 131.9 245.0#
63 2718.8 98.6 183.0#



#16
Methylene chloride
Concen: 0.467 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

Tgt Ion: 84 Resp: 15233
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.2
49 127.5 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 0.230 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

Instrument :

MSVOA_V

ClientSampleId :

BH1G6DL

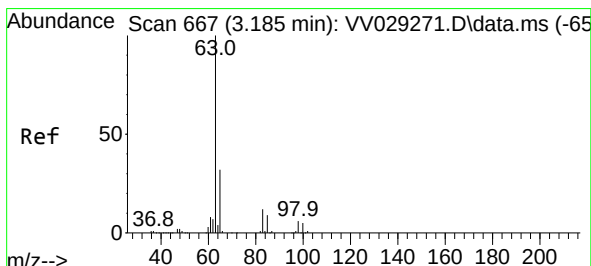
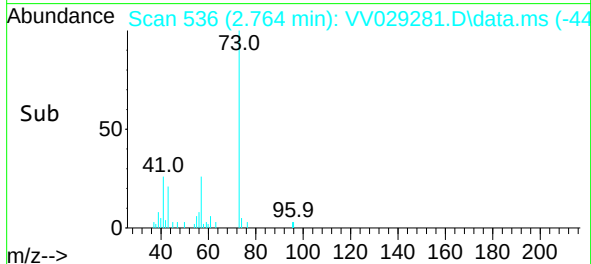
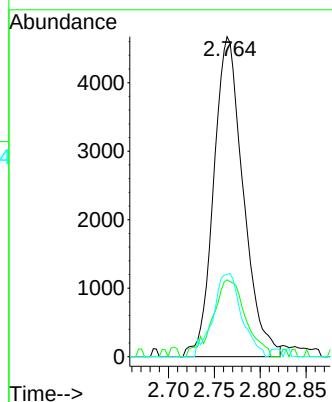
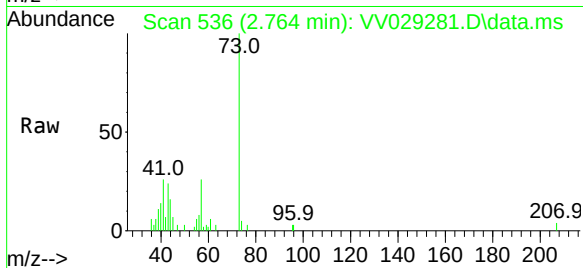
Tgt Ion: 73 Resp: 10454

Ion Ratio Lower Upper

73 100

43 26.8 15.4 23.2#

57 25.0 18.9 28.3



#19

1,1-Dichloroethane

Concen: 0.302 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

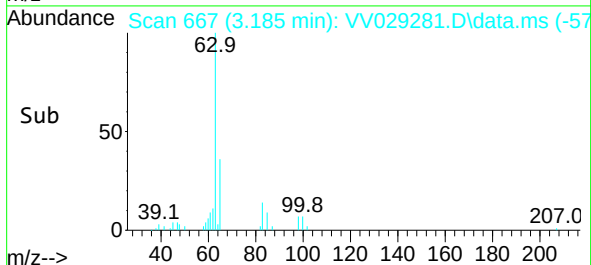
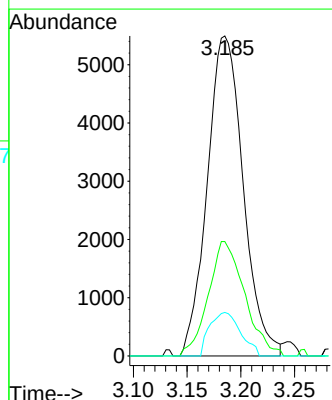
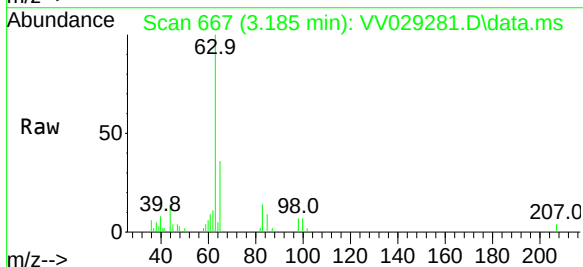
Tgt Ion: 63 Resp: 12789

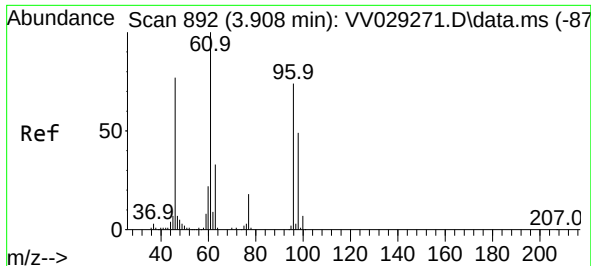
Ion Ratio Lower Upper

63 100

65 35.7 22.1 41.1

83 13.6 9.0 16.8

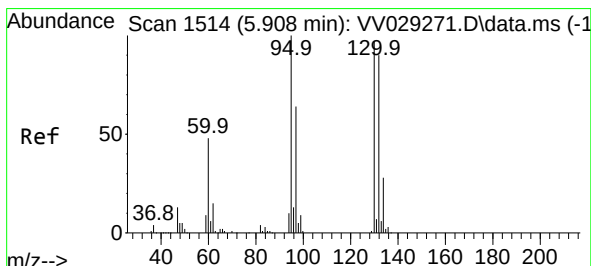
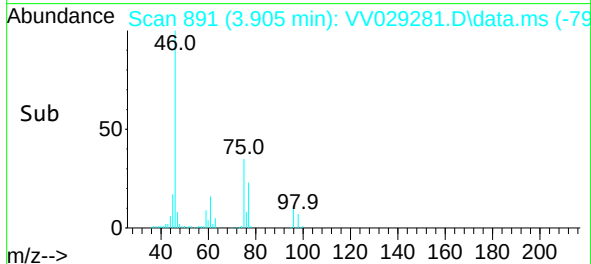
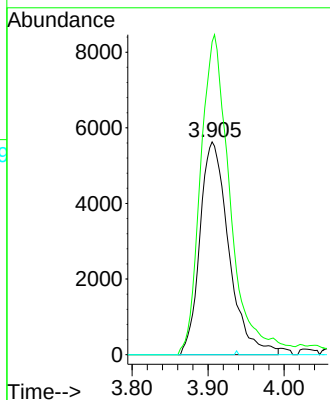
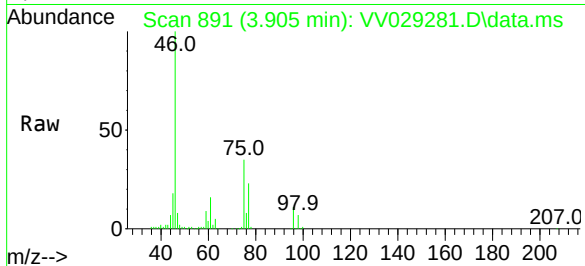




#22
cis-1,2-Dichloroethene
Concen: 0.648 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

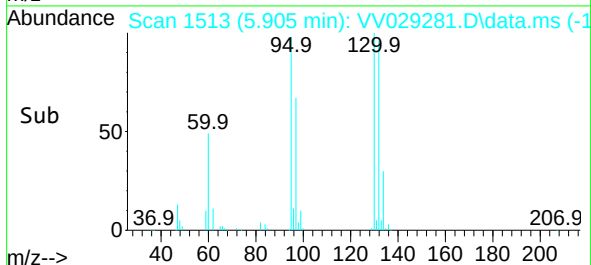
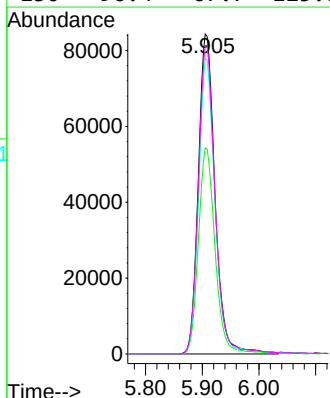
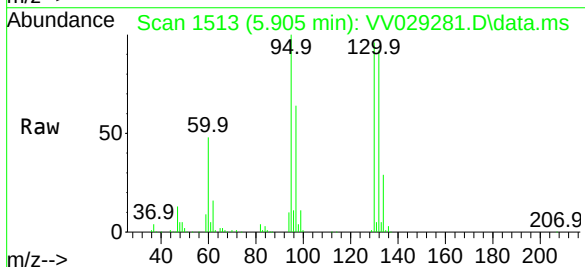
Instrument :
MSVOA_V
ClientSampleId :
BH1G6DL

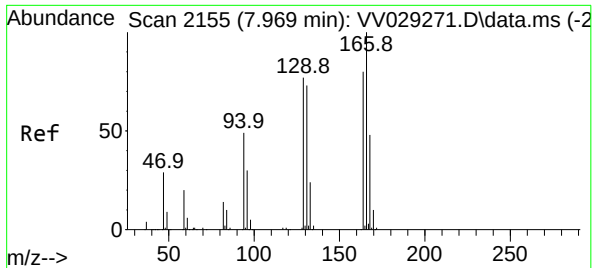
Tgt Ion: 96 Resp: 14872
Ion Ratio Lower Upper
96 100
61 147.0 95.8 178.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 7.118 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

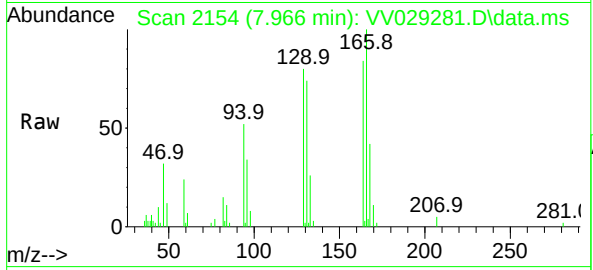
Tgt Ion: 95 Resp: 172958
Ion Ratio Lower Upper
95 100
97 64.4 46.7 86.7
132 92.3 65.7 122.1
130 96.4 67.7 125.7





#47
 Tetrachloroethene
 Concen: 0.560 ug/L
 RT: 7.966 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029281.D
 Acq: 22 Nov 2022 23:00

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G6DL



Tgt Ion:164 Resp: 8940

Ion	Ratio	Lower	Upper
164	100		
129	94.6	68.3	126.8
131	88.6	65.2	121.0
166	119.0	88.1	163.7

