

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029145.D
 Acq On : 19 Nov 2022 02:51
 Operator : SY/MD
 Sample : N5666-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGXP4

Quant Time: Nov 19 03:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

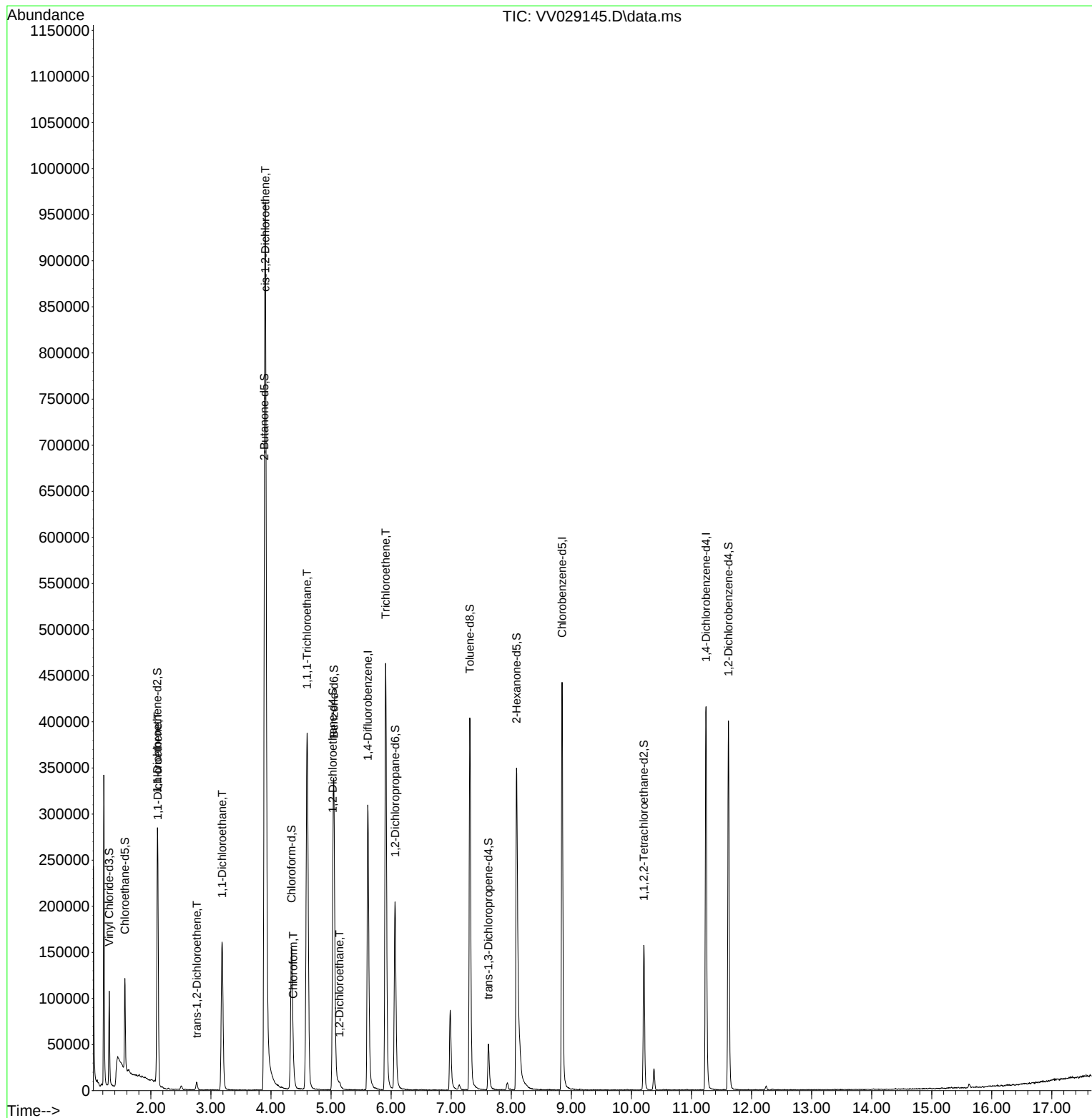
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	285627	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	261271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	119790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67709	3.888	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.568	69	63902	4.174	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.108	63	118281	3.727	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	3.889	46	212339	72.846	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.700%#	
24) Chloroform-d	4.342	84	164192	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.031	65	79633	4.951	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.047	84	329874	4.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.066	67	106983	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.310	98	288495	4.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.619	79	31751	4.470	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.088	63	149291	49.244	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.480%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	80102	5.305	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	109177	5.094	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	45168	2.612	ug/L #	71
18) trans-1,2-Dichloroethene	2.767	96	3006	0.150	ug/L	92
19) 1,1-Dichloroethane	3.185	63	167638	5.113	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	539455	26.460	ug/L	97
25) Chloroform	4.371	83	8465	0.246	ug/L #	73
27) 1,2-Dichloroethane	5.140	62	5932	0.335	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	321333	10.481	ug/L	98
34) Trichloroethene	5.908	95	171348	8.383	ug/L	96

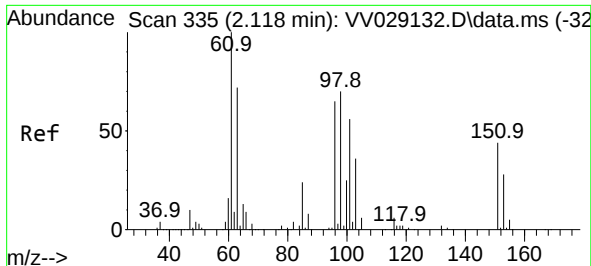
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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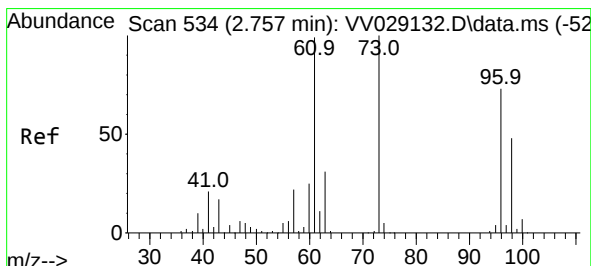
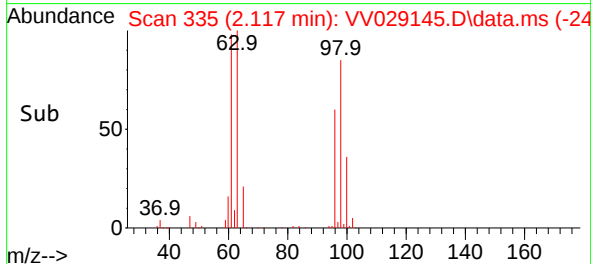
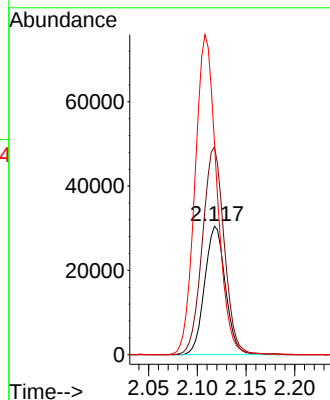
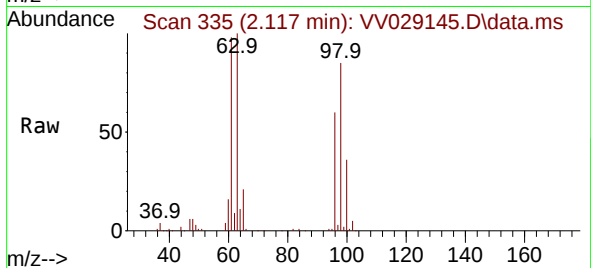




#12
1,1-Dichloroethene
Concen: 2.612 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029145.D
Acq: 19 Nov 2022 02:51

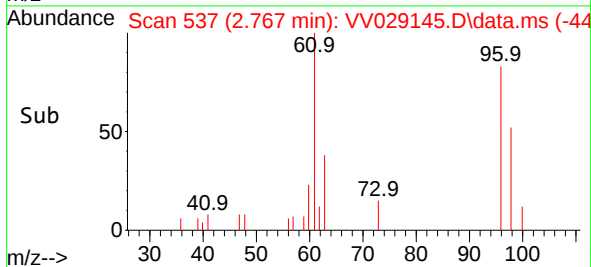
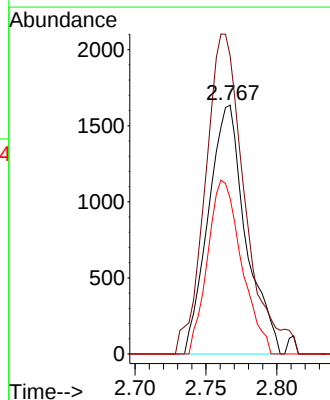
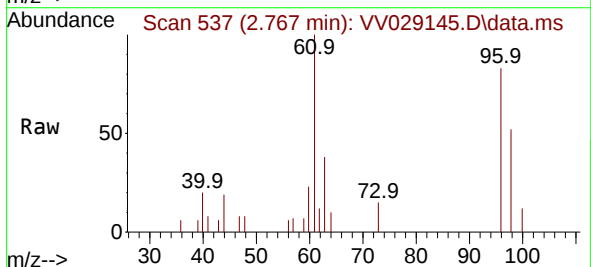
Instrument :
MSVOA_V
ClientSampleId :
BGXP4

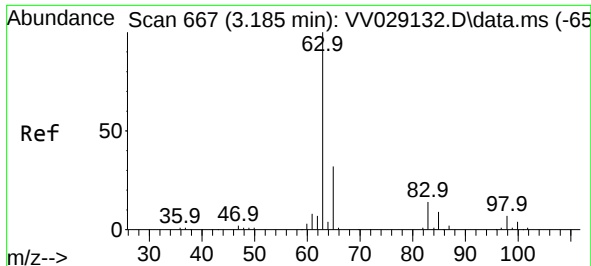
Tgt Ion: 96 Resp: 45168
Ion Ratio Lower Upper
96 100
61 161.8 104.2 193.4
63 165.7 75.9 140.9#



#18
trans-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029145.D
Acq: 19 Nov 2022 02:51

Tgt Ion: 96 Resp: 3006
Ion Ratio Lower Upper
96 100
61 119.9 91.8 170.6
98 62.6 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.113 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.003 min

Lab File: VV029145.D

Acq: 19 Nov 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

BGXP4

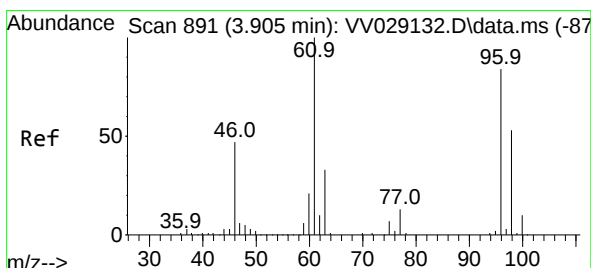
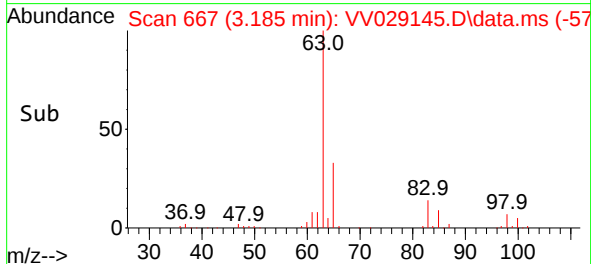
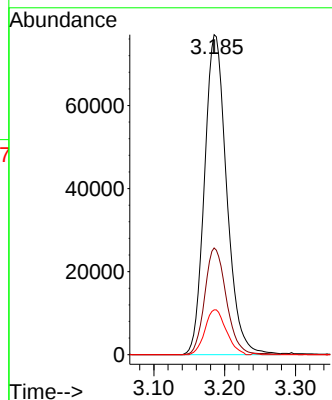
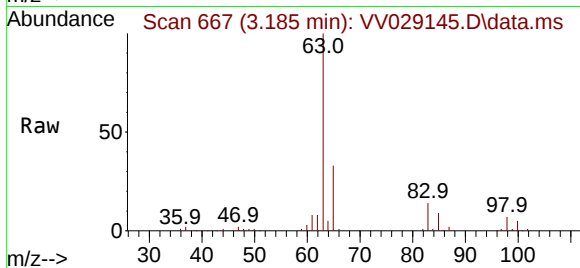
Tgt Ion: 63 Resp: 167638

Ion Ratio Lower Upper

63 100

65 33.4 23.0 42.6

83 14.0 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 26.460 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.007 min

Lab File: VV029145.D

Acq: 19 Nov 2022 02:51

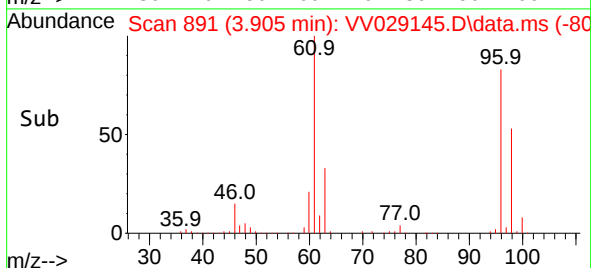
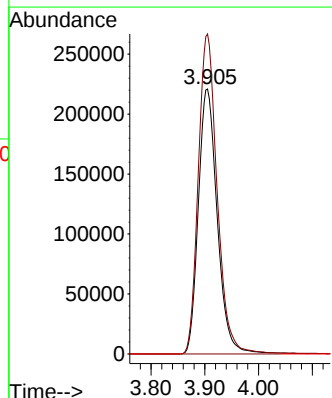
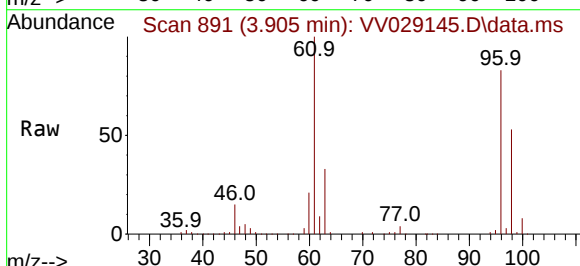
Tgt Ion: 96 Resp: 539455

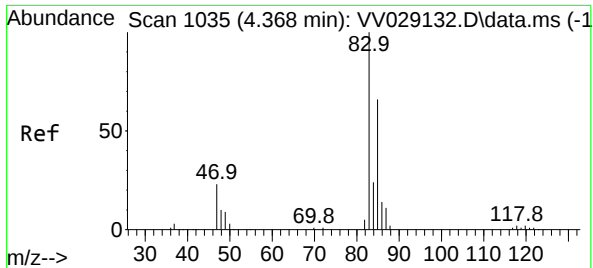
Ion Ratio Lower Upper

96 100

61 120.8 82.3 152.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.246 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV029145.D

Acq: 19 Nov 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

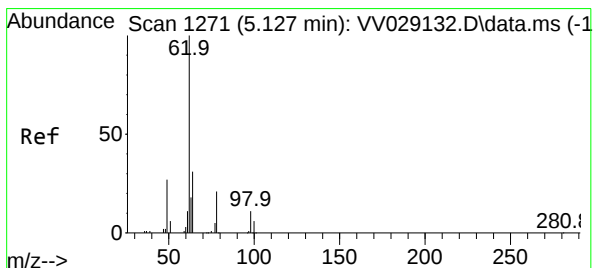
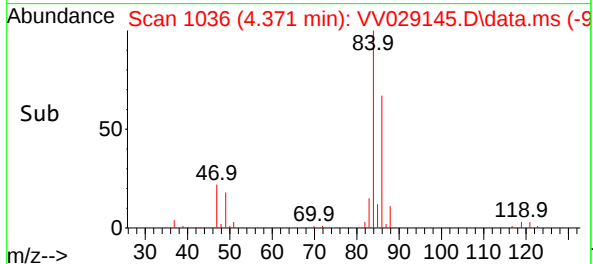
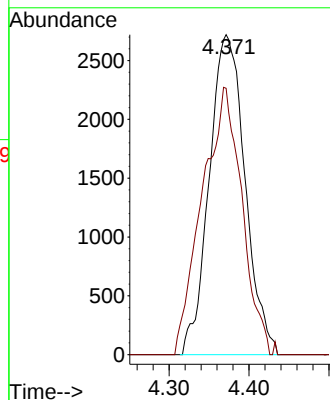
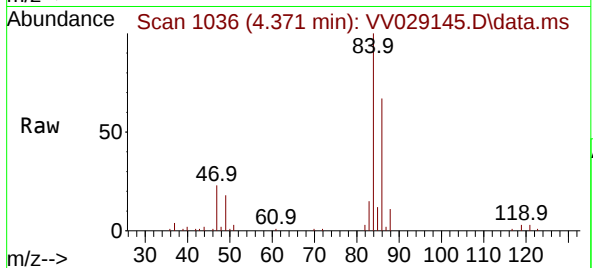
BGXP4

Tgt Ion: 83 Resp: 8465

Ion Ratio Lower Upper

83 100

85 83.2 43.7 81.1#



#27

1,2-Dichloroethane

Concen: 0.335 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.006 min

Lab File: VV029145.D

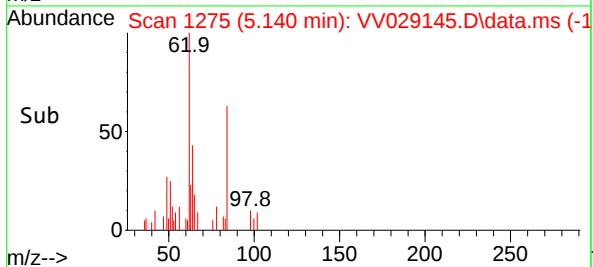
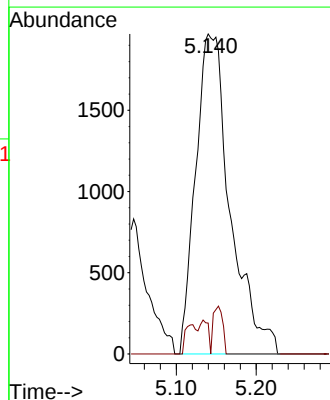
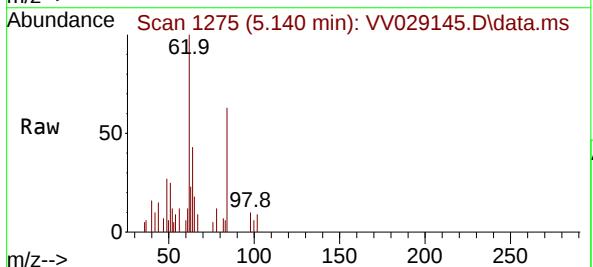
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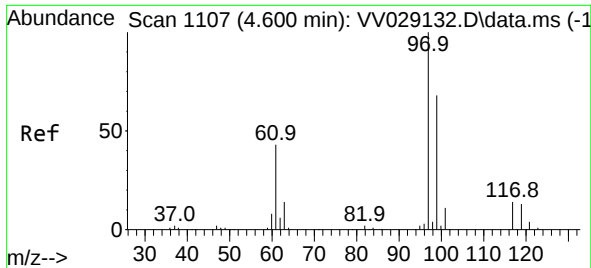
Tgt Ion: 62 Resp: 5932

Ion Ratio Lower Upper

62 100

98 9.6 9.0 13.6



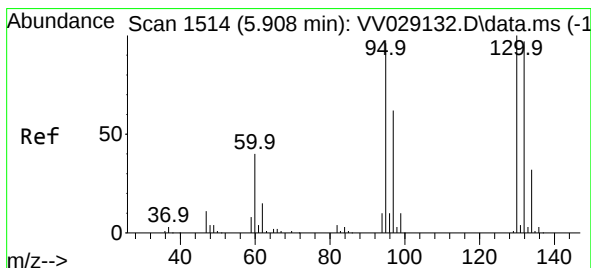
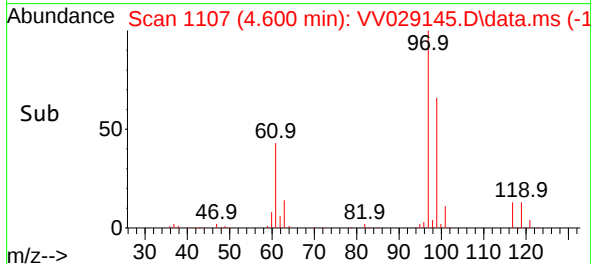
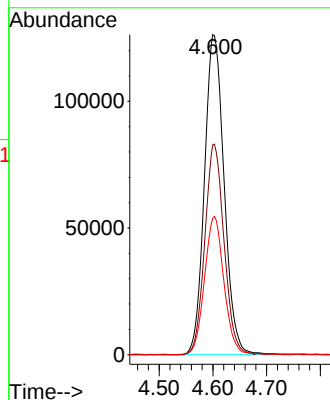
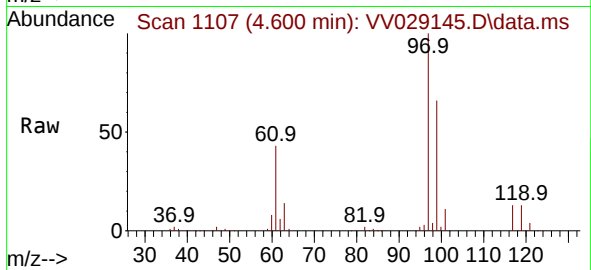


#29
1,1,1-Trichloroethane
Concen: 10.481 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.007 min
Lab File: VV029145.D
Acq: 19 Nov 2022 02:51

Instrument :
MSVOA_V
ClientSampleId :
BGXP4

Tgt Ion: 97 Resp: 321333

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.7	79.1
61	42.7	33.8	50.6



#34
Trichloroethene
Concen: 8.383 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.007 min
Lab File: VV029145.D
Acq: 19 Nov 2022 02:51

Tgt Ion: 95 Resp: 171348

Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.6	84.8
132	96.2	69.1	128.3
130	101.5	74.9	139.1

