

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028077.D
 Acq On : 22 Sep 2022 22:43
 Operator : SY/MD
 Sample : N4652-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ04DL

Quant Time: Sep 23 04:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

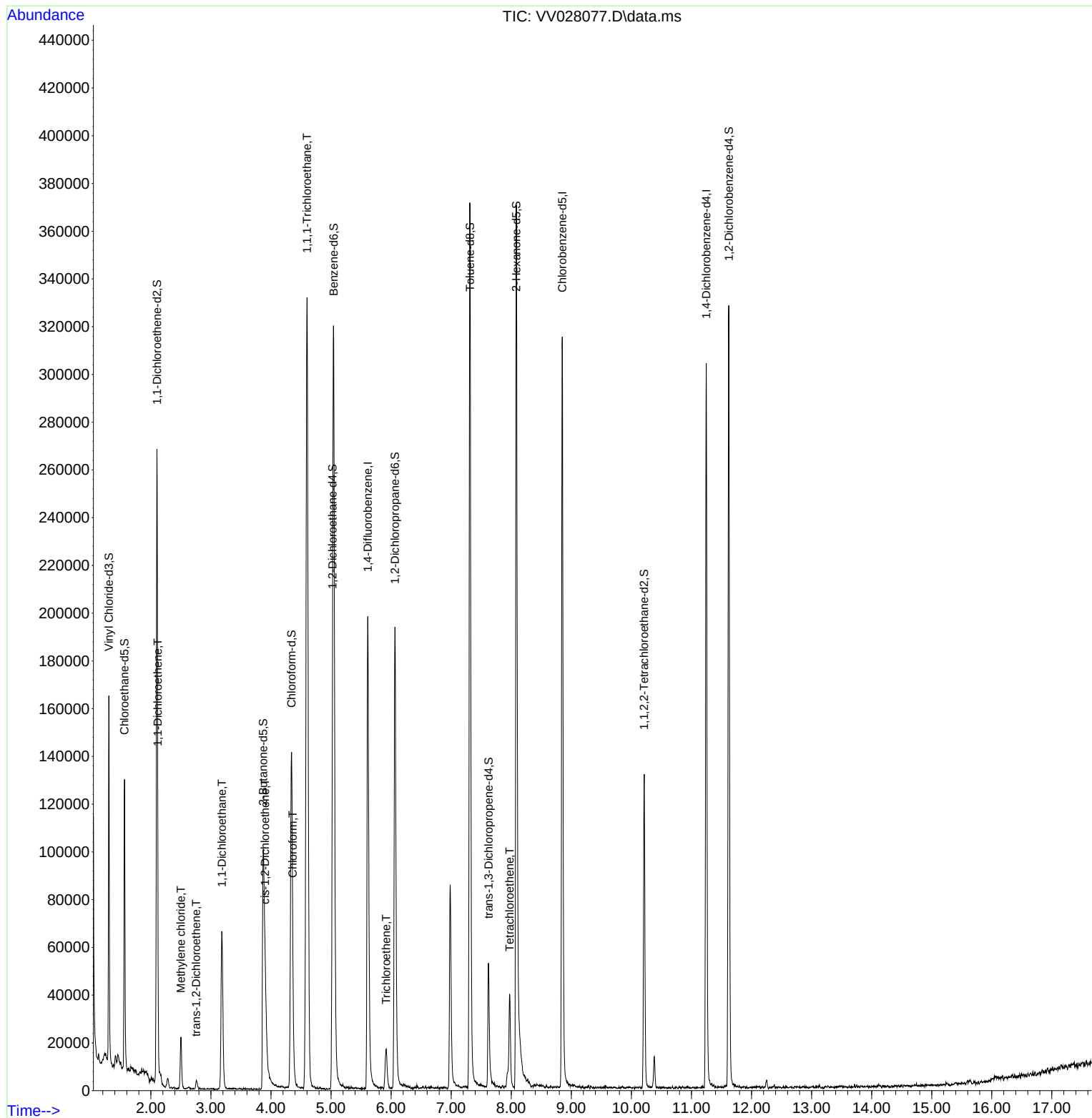
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	175077	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	179869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83178	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	94981	5.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.600%	
7) Chloroethane-d5	1.561	69	78295	5.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.600%	
11) 1,1-Dichloroethene-d2	2.101	63	135643	4.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 86.200%	
20) 2-Butanone-d5	3.870	46	152763	49.853	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 99.700%	
24) Chloroform-d	4.343	84	150252	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.800%	
26) 1,2-Dichloroethane-d4	5.024	65	73220	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.200%	
32) Benzene-d6	5.043	84	295383	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.200%	
36) 1,2-Dichloropropane-d6	6.066	67	97416	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.000%	
41) Toluene-d8	7.314	98	251749	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 94.400%	
43) trans-1,3-Dichloroprop...	7.622	79	30701	4.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 92.400%	
46) 2-Hexanone-d5	8.085	63	132571	47.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 95.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62722	4.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 99.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	87798	5.381	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 107.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	10311	0.852	ug/L	# 1
16) Methylene chloride	2.500	84	9258	0.685	ug/L	92
18) trans-1,2-Dichloroethene	2.754	96	1034	0.098	ug/L	92
19) 1,1-Dichloroethane	3.182	63	67521	2.922	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	8764	0.631	ug/L	76
25) Chloroform	4.362	83	3860	0.156	ug/L	94
29) 1,1,1-Trichloroethane	4.600	97	272608	12.335	ug/L	99
34) Trichloroethene	5.918	95	5659	0.455	ug/L	94
47) Tetrachloroethene	7.976	164	8977	0.905	ug/L	98

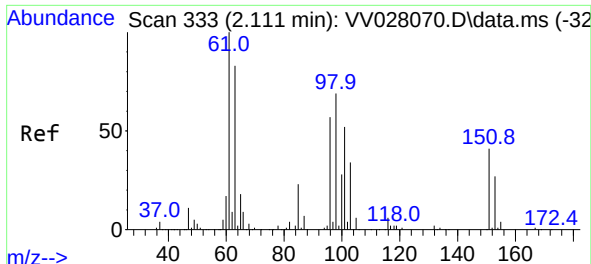
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 23 04:38:54 2022
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#12

1,1-Dichloroethene

Concen: 0.852 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028077.D

Acq: 22 Sep 2022 22:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ04DL

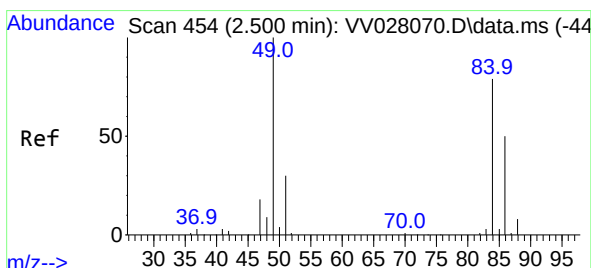
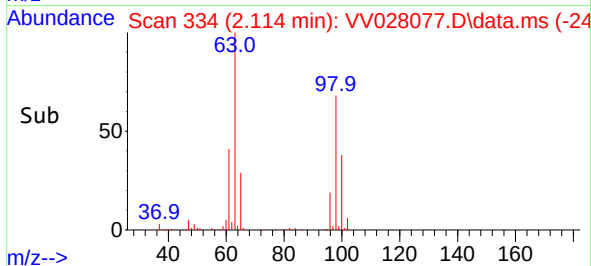
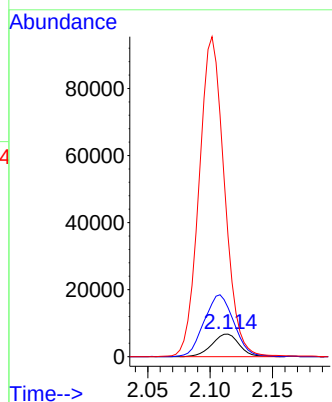
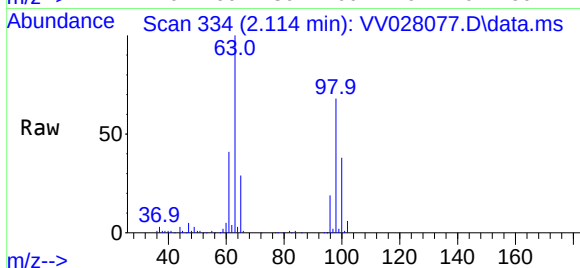
Tgt Ion: 96 Resp: 10311

Ion Ratio Lower Upper

96 100

61 217.3 128.3 238.3

63 535.0 112.7 209.3#



#16

Methylene chloride

Concen: 0.685 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.000 min

Lab File: VV028077.D

Acq: 22 Sep 2022 22:43

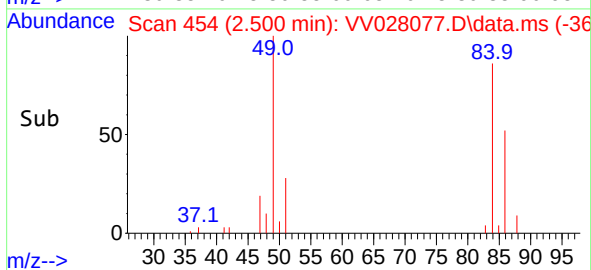
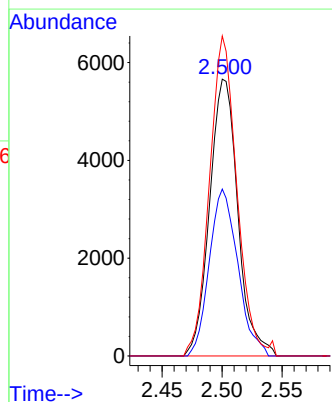
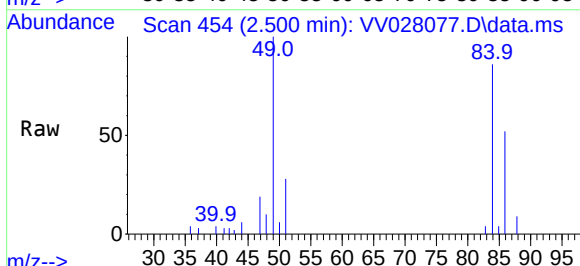
Tgt Ion: 84 Resp: 9258

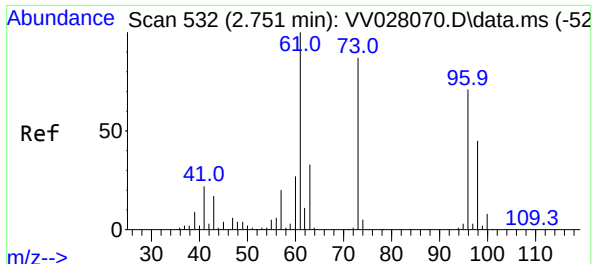
Ion Ratio Lower Upper

84 100

86 60.3 46.8 86.8

49 115.6 87.5 162.5

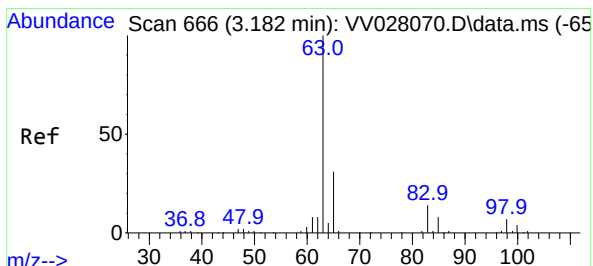
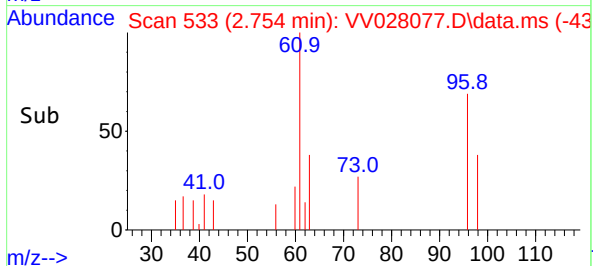
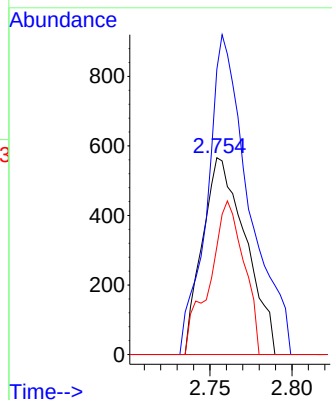
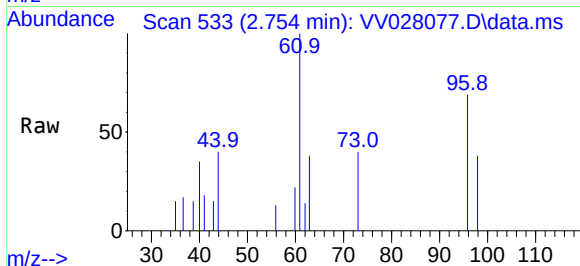




#18
trans-1,2-Dichloroethene
Concen: 0.098 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028077.D
Acq: 22 Sep 2022 22:43

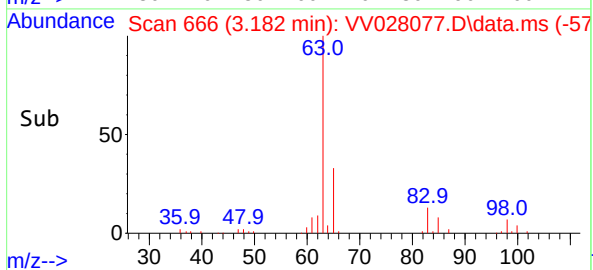
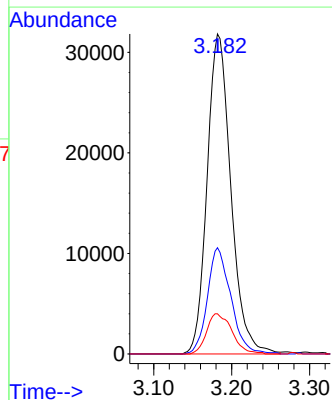
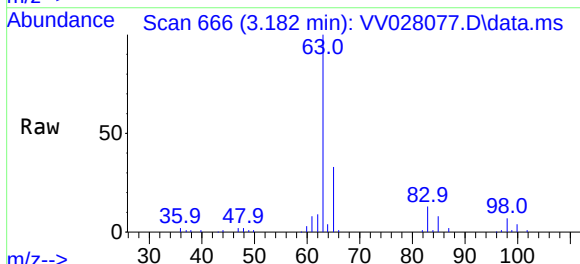
Instrument :
MSVOA_V
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EXZ04DL

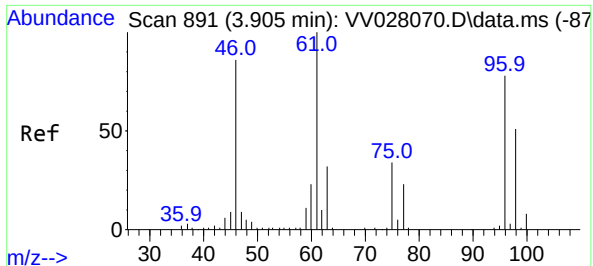
Tgt Ion: 96 Resp: 1034
Ion Ratio Lower Upper
96 100
61 144.9 96.2 178.6
98 54.8 45.7 84.9



#19
1,1-Dichloroethane
Concen: 2.922 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV028077.D
Acq: 22 Sep 2022 22:43

Tgt Ion: 63 Resp: 67521
Ion Ratio Lower Upper
63 100
65 33.2 23.0 42.8
83 12.5 9.2 17.2

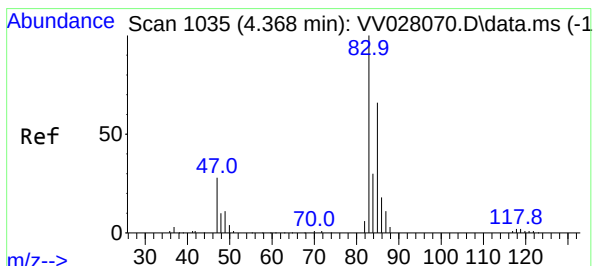
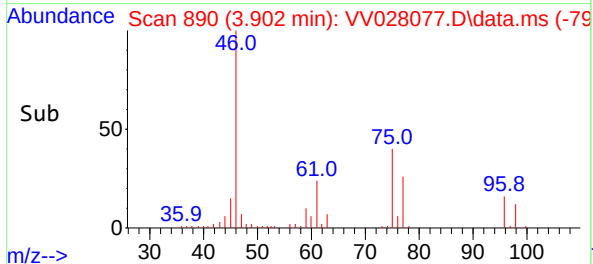
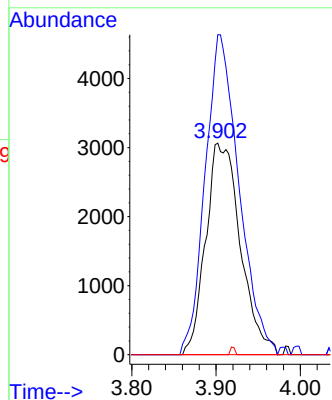
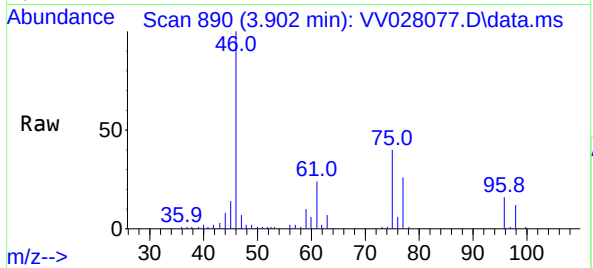




#22
 cis-1,2-Dichloroethene
 Concen: 0.631 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV028077.D
 Acq: 22 Sep 2022 22:43

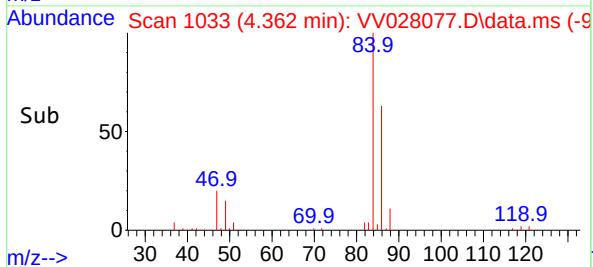
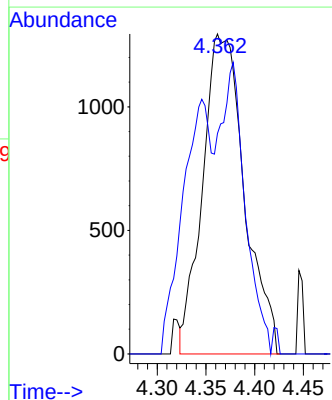
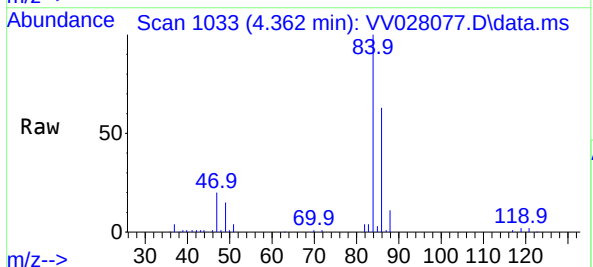
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ04DL

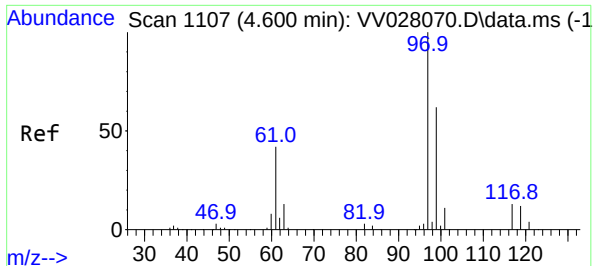
Tgt Ion: 96 Resp: 8764
 Ion Ratio Lower Upper
 96 100
 61 151.3 87.2 161.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.156 ug/L
 RT: 4.362 min Scan# 1033
 Delta R.T. -0.006 min
 Lab File: VV028077.D
 Acq: 22 Sep 2022 22:43

Tgt Ion: 83 Resp: 3860
 Ion Ratio Lower Upper
 83 100
 85 68.9 45.1 83.7





#29

1,1,1-Trichloroethane

Concen: 12.335 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028077.D

Acq: 22 Sep 2022 22:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ04DL

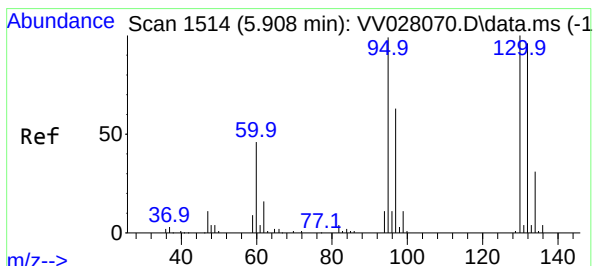
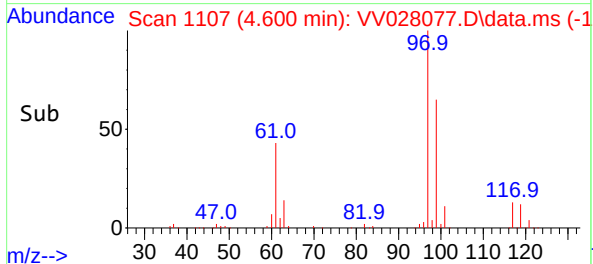
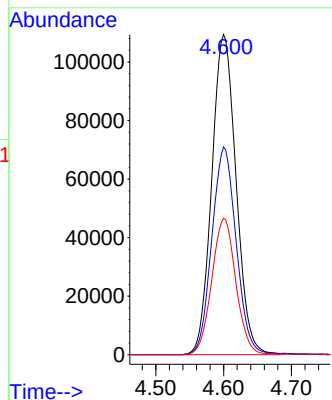
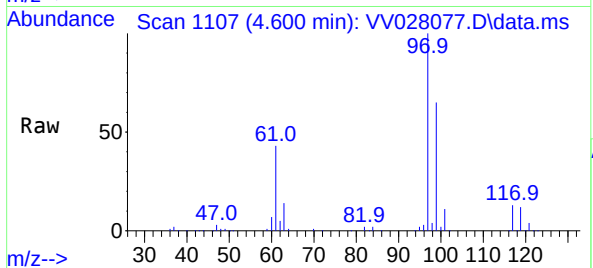
Tgt Ion: 97 Resp: 272608

Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

61 42.3 34.8 52.2



#34

Trichloroethene

Concen: 0.455 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV028077.D

Acq: 22 Sep 2022 22:43

Tgt Ion: 95 Resp: 5659

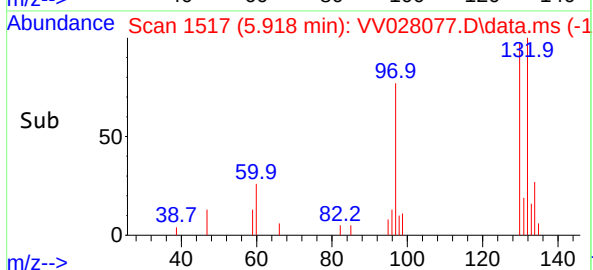
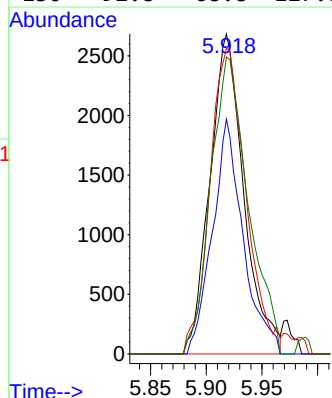
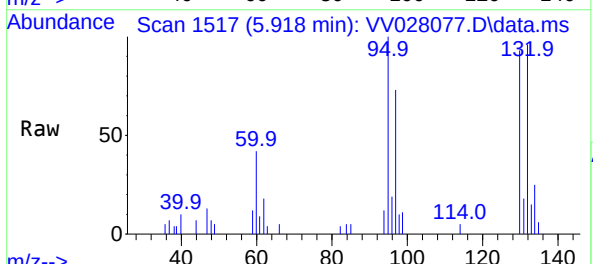
Ion Ratio Lower Upper

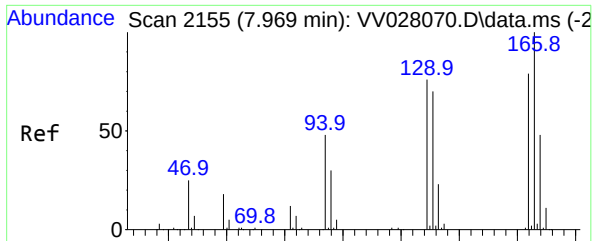
95 100

97 73.3 44.2 82.0

132 95.5 67.8 126.0

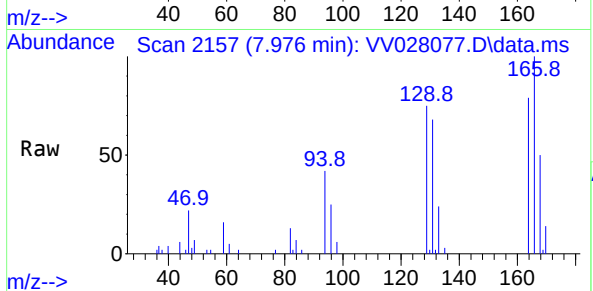
130 92.8 68.8 127.8





#47
 Tetrachloroethene
 Concen: 0.905 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV028077.D
 Acq: 22 Sep 2022 22:43

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ04DL



Tgt Ion:164 Resp: 8977

Ion	Ratio	Lower	Upper
164	100		
129	95.8	66.7	123.9
131	86.2	61.7	114.5
166	126.9	90.9	168.9

