

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
 Data File : VV028362.D
 Acq On : 05 Oct 2022 12:45
 Operator : SY/MD
 Sample : N4899-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

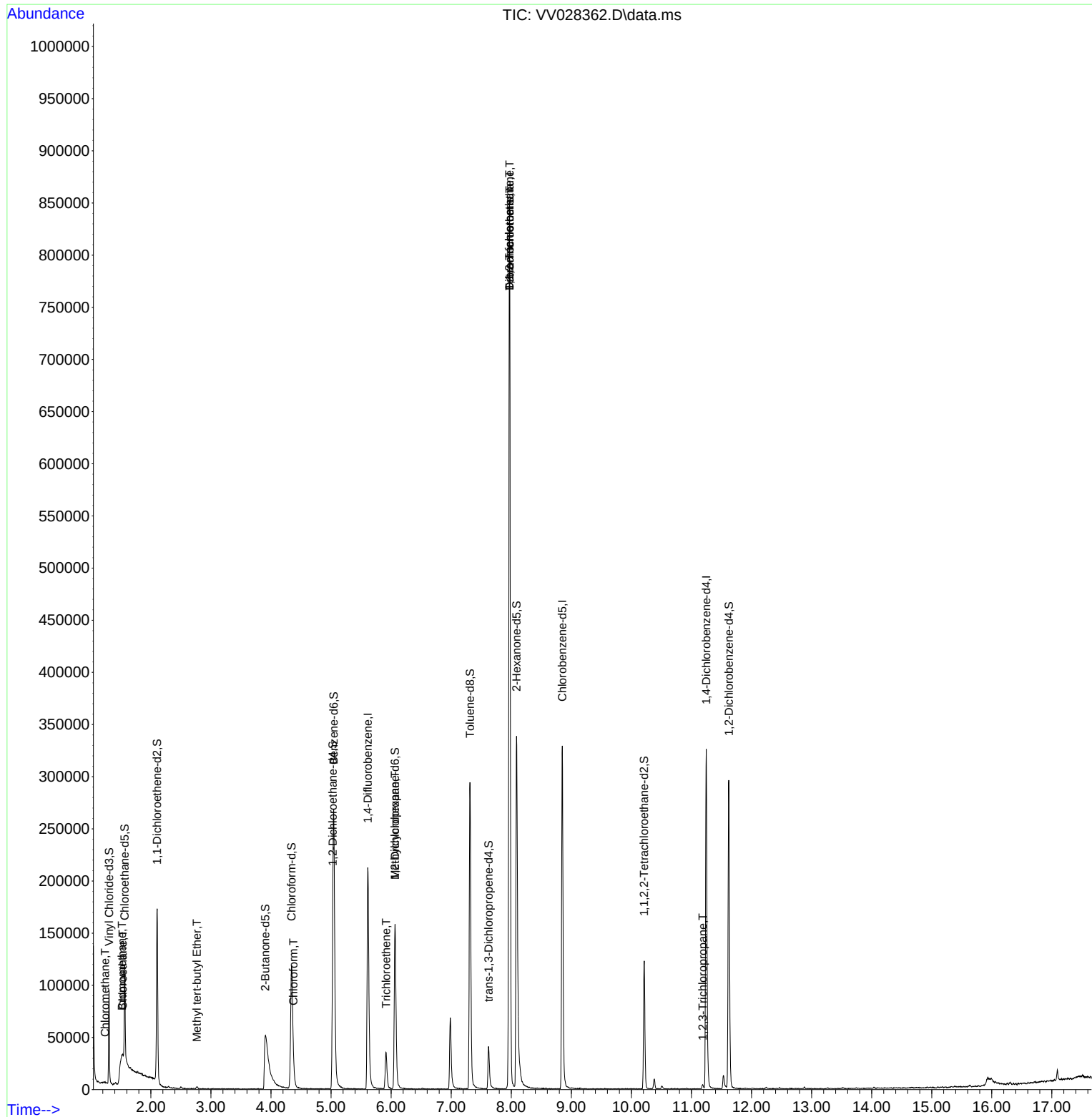
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	198200	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	194445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56216	3.775	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.400%	
7) Chloroethane-d5	1.564	69	57096	4.529	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.105	63	84000	2.993	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.800%#	
20) 2-Butanone-d5	3.905	46	163867	65.033	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.060%#	
24) Chloroform-d	4.342	84	127353	4.720	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.027	65	64488	5.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.043	84	253967	4.761	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.066	67	82731	5.407	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.200%	
41) Toluene-d8	7.313	98	204859	4.176	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.622	79	26955	4.625	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.088	63	139024	58.283	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62121	5.356	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	81548	5.057	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	647	0.043	ug/L	94
6) Bromomethane	1.519	94	444	0.055	ug/L	74
8) Chloroethane	1.532	64	92719	8.177	ug/L #	51
17) Methyl tert-butyl Ether	2.767	73	1524	0.052	ug/L #	90
25) Chloroform	4.375	83	12569	0.454	ug/L	98
34) Trichloroethene	5.918	95	12769	0.881	ug/L	99
35) Methylcyclohexane	6.066	83	20243	0.856	ug/L #	16
45) 1,1,2-Trichloroethane	7.969	97	1773	0.178	ug/L #	1
47) Tetrachloroethene	7.972	164	204373	16.135	ug/L	97
49) Dibromochloromethane	7.972	129	177287	14.087	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	675	0.093	ug/L #	39

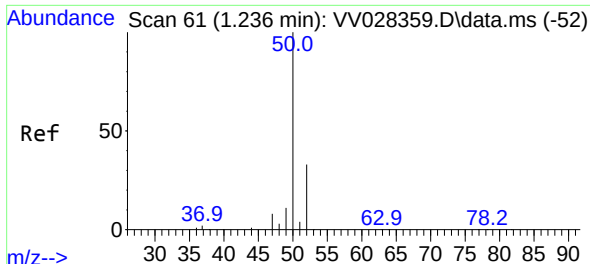
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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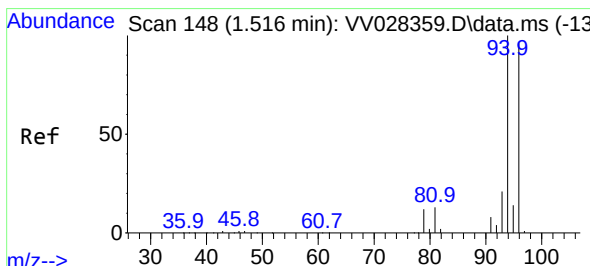
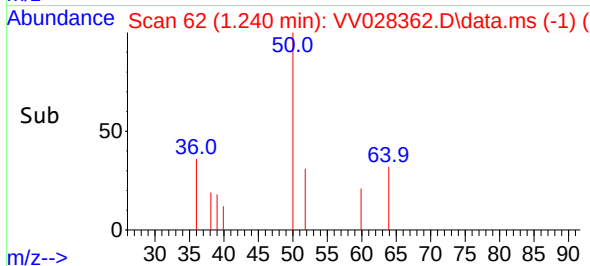
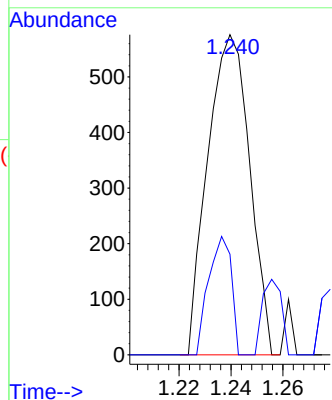
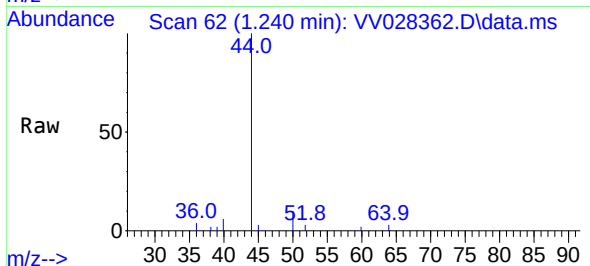




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

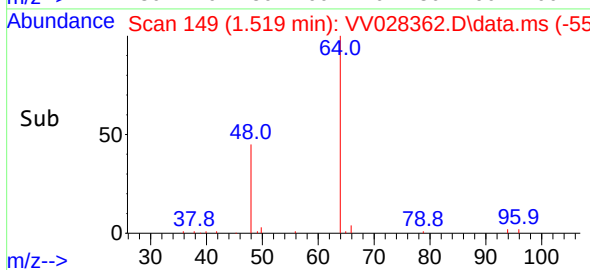
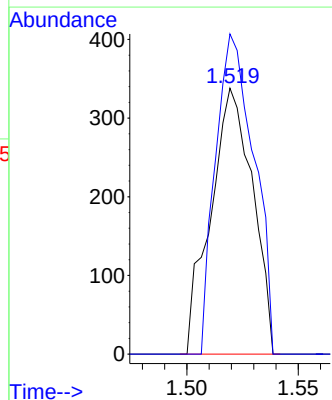
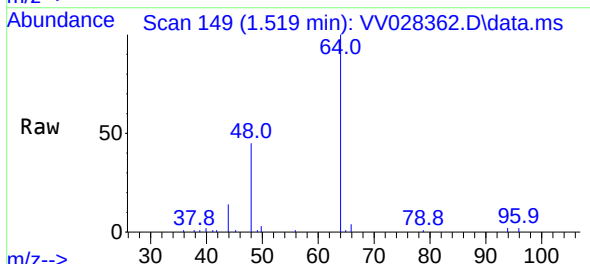
Instrument :
MSVOA_V
ClientSampleId :

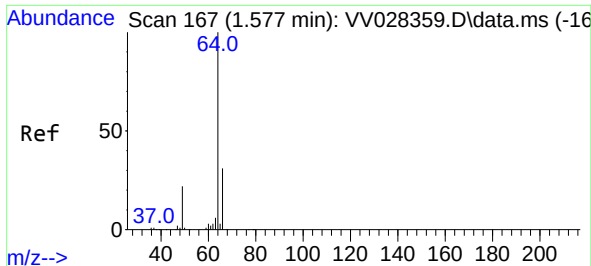
Tgt Ion: 50 Resp: 647
Ion Ratio Lower Upper
50 100
52 31.4 24.4 45.2



#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

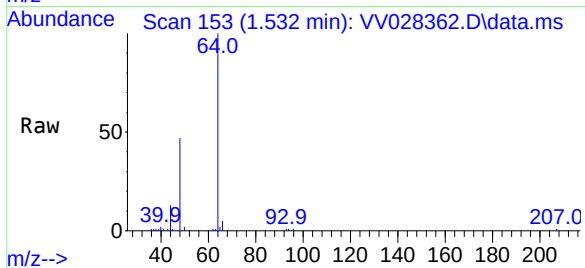
Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 120.4 66.7 123.9



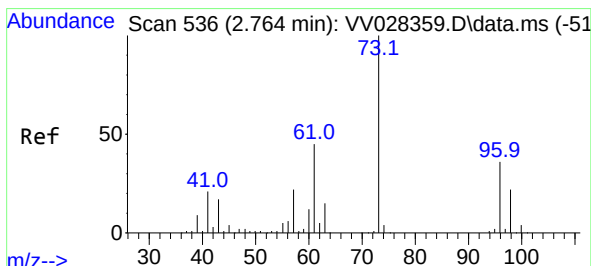
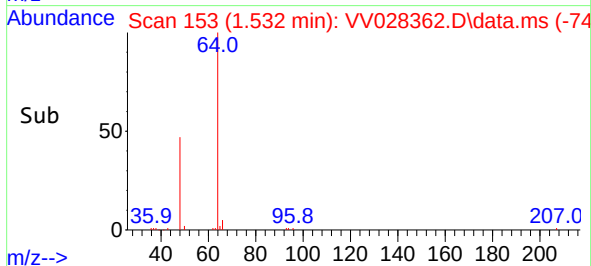
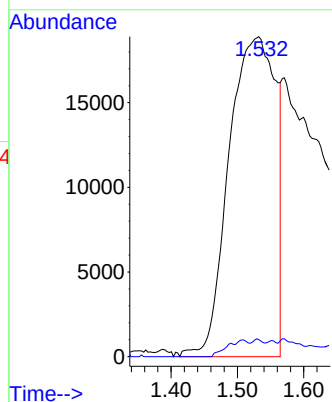


#8
Chloroethane
Concen: 8.177 ug/L
RT: 1.532 min Scan# 11
Delta R.T. -0.045 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :

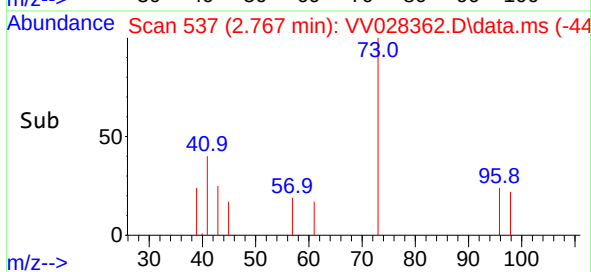
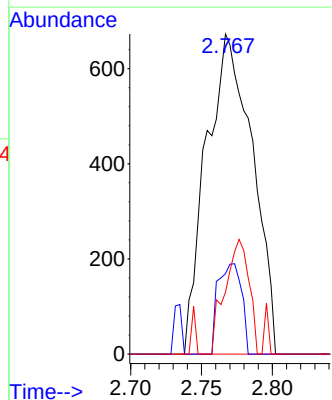
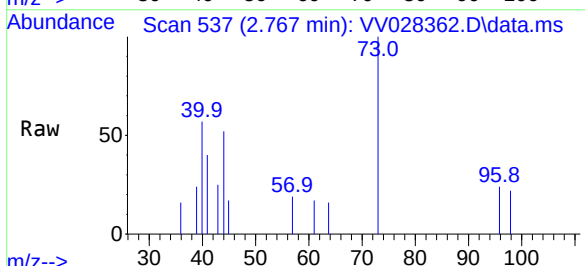


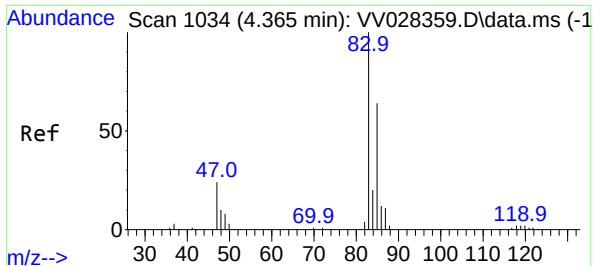
Tgt Ion: 64 Resp: 92719
Ion Ratio Lower Upper
64 100
66 5.4 23.0 42.8#



#17
Methyl tert-butyl Ether
Concen: 0.052 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

Tgt Ion: 73 Resp: 1524
Ion Ratio Lower Upper
73 100
43 14.3 15.7 23.5#
57 18.6 17.8 26.8





#25

Chloroform

Concen: 0.454 ug/L

RT: 4.375 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV028362.D

Acq: 05 Oct 2022 12:45

Instrument :

MSVOA_V

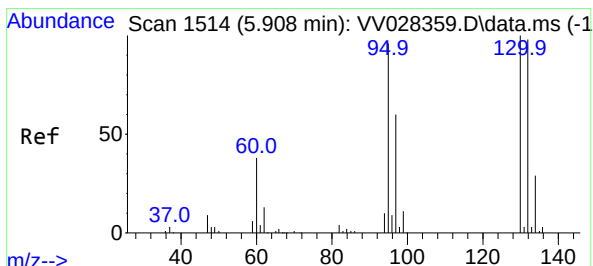
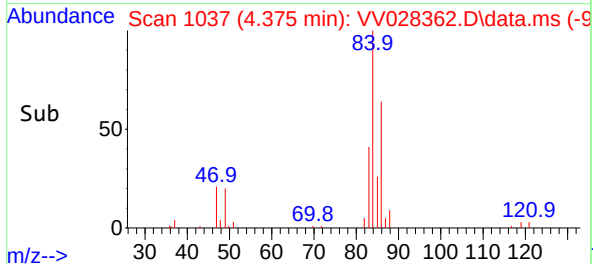
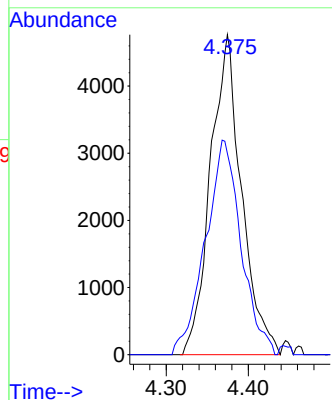
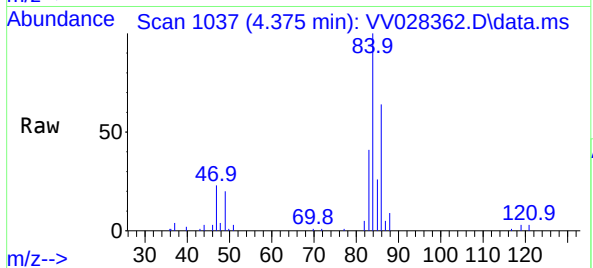
ClientSampleId :

Tgt Ion: 83 Resp: 12569

Ion Ratio Lower Upper

83 100

85 62.9 45.1 83.7



#34

Trichloroethene

Concen: 0.881 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV028362.D

Acq: 05 Oct 2022 12:45

Tgt Ion: 95 Resp: 12769

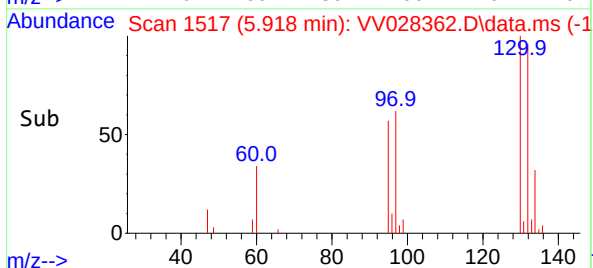
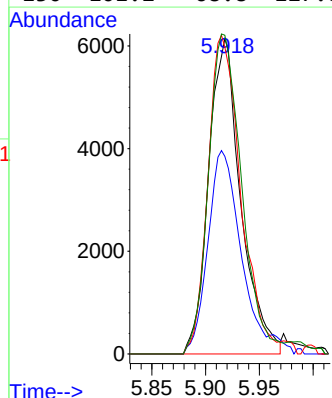
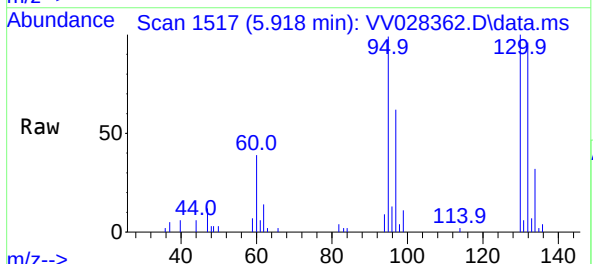
Ion Ratio Lower Upper

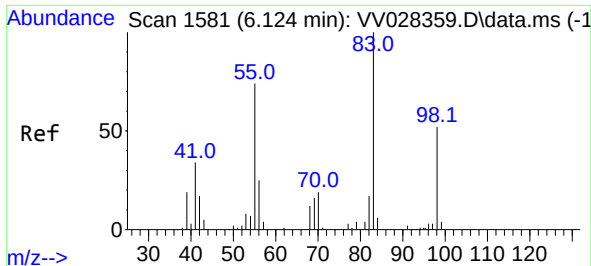
95 100

97 62.7 44.2 82.0

132 97.4 67.8 126.0

130 101.2 68.8 127.8

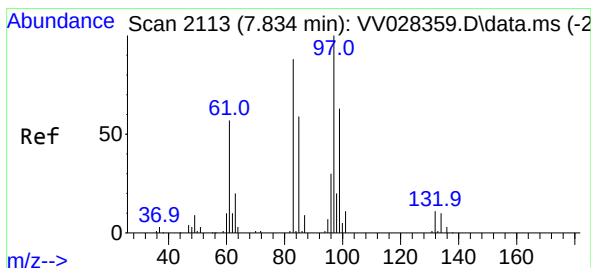
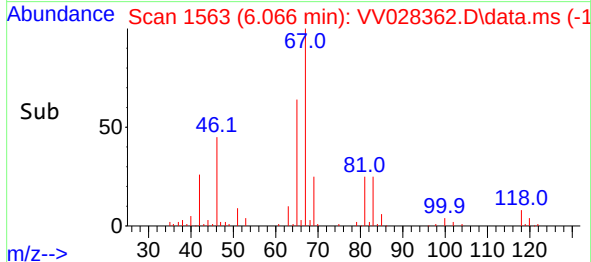
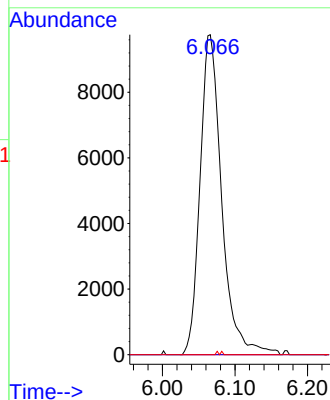
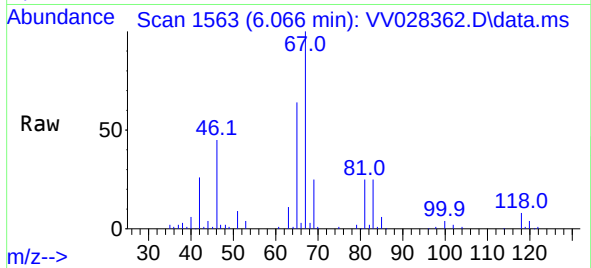




#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

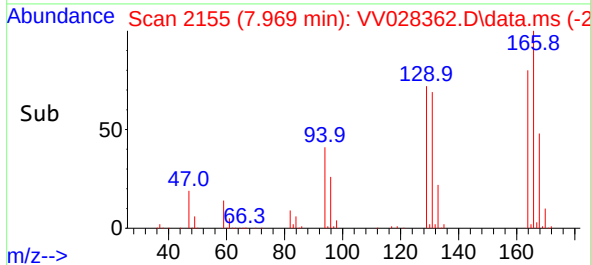
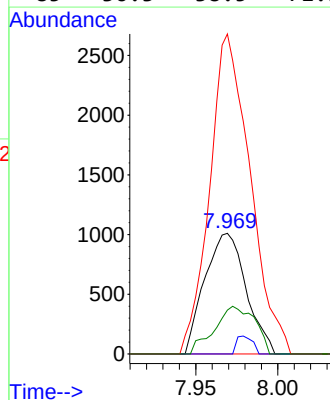
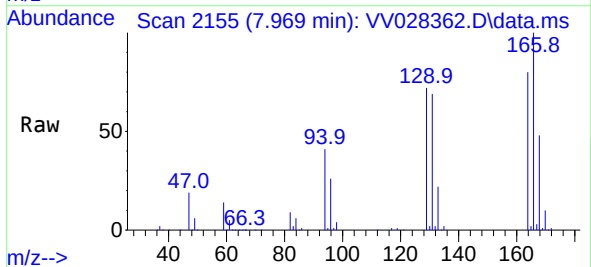
Instrument :
MSVOA_V
ClientSampleId :

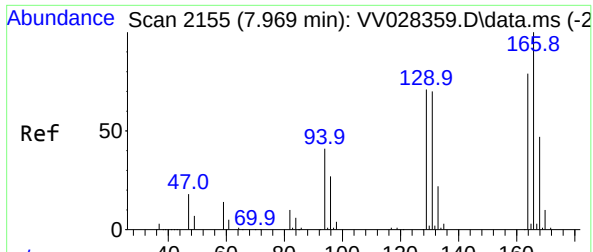
Tgt Ion: 83 Resp: 20243
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.2 39.5 59.3#



#45
1,1,2-Trichloroethane
Concen: 0.178 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.132 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

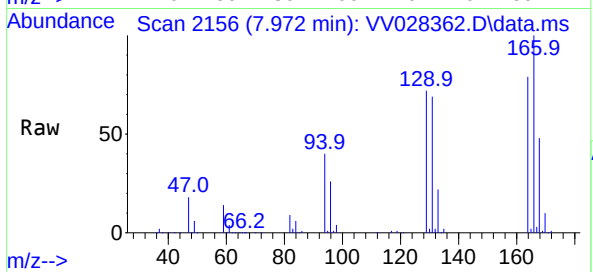
Tgt Ion: 97 Resp: 1773
Ion Ratio Lower Upper
97 100
99 0.0 43.2 80.2#
83 265.1 59.1 109.9#
85 36.3 38.5 71.5#



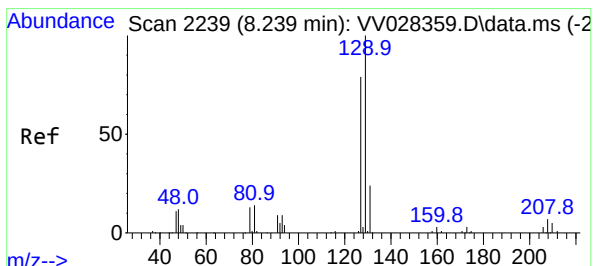
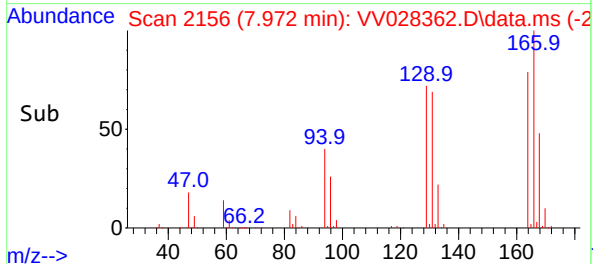
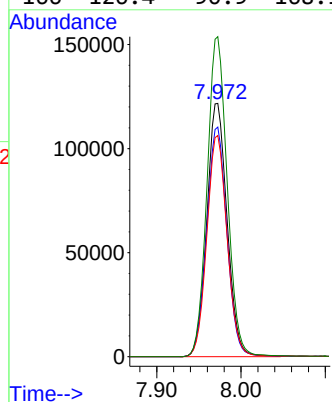


#47
Tetrachloroethene
Concen: 16.135 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :

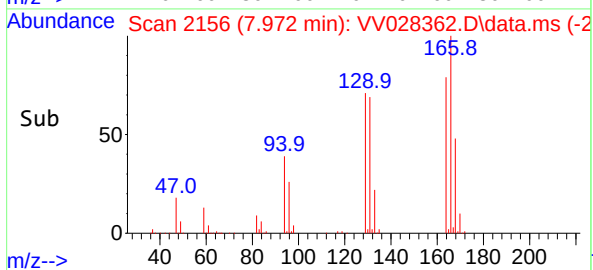
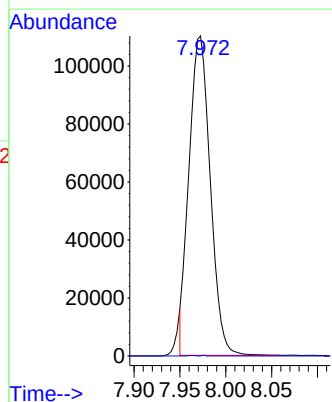
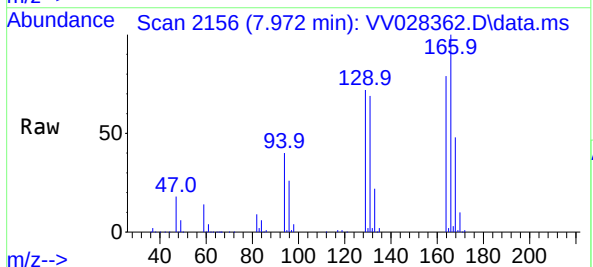


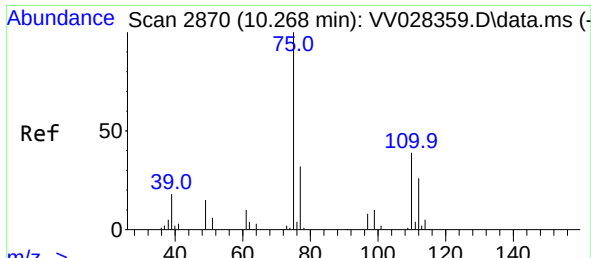
Tgt Ion:164 Resp: 204373
Ion Ratio Lower Upper
164 100
129 90.7 66.7 123.9
131 87.3 61.7 114.5
166 126.4 90.9 168.9



#49
Dibromochloromethane
Concen: 14.087 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

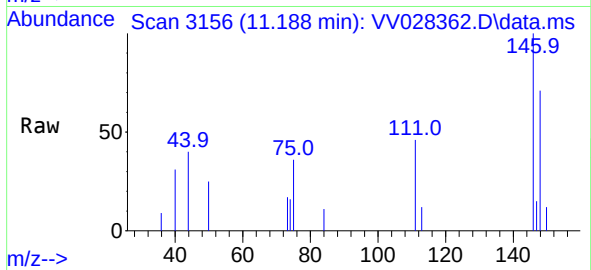
Tgt Ion:129 Resp: 177287
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#





#61
1,2,3-Trichloropropane
Concen: 0.093 ug/L
RT: 11.188 min Scan# 31
Delta R.T. 0.917 min
Lab File: VV028362.D
Acq: 05 Oct 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 675
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 0.0 30.1 45.1#

