

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028228.D
 Acq On : 30 Sep 2022 15:42
 Operator : SY/MD
 Sample : N4870-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H39

Quant Time: Sep 30 22:59:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	161006	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	162910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68012	4.075	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.561	69	58985	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.098	63	96191	3.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.896	46	126196	44.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	4.339	84	126089	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.027	65	61144	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.043	84	255720	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.066	67	75446	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.310	98	214054	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.622	79	22001	3.657	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.085	63	118374	47.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53956	4.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	80761	5.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.175	62	2562	0.205	ug/L	98
6) Bromomethane	1.519	94	360	0.044	ug/L	75
8) Chloroethane	1.371	64	1848870	220.829	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1228	0.107	ug/L #	19
14) Carbon disulfide	2.288	76	7006	0.328	ug/L #	89
18) trans-1,2-Dichloroethene	2.757	96	1826	0.187	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	2100	0.164	ug/L	97
27) 1,2-Dichloroethane	5.137	62	3954	0.325	ug/L	99
34) Trichloroethene	5.912	95	27454	2.438	ug/L	96
35) Methylcyclohexane	6.066	83	19245	1.246	ug/L #	19
37) 1,2-Dichloropropane	6.063	63	8295	0.654	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1684	0.107	ug/L #	70
47) Tetrachloroethene	7.969	164	198458	22.079	ug/L	98
49) Dibromochloromethane	7.969	129	174299	17.053	ug/L #	11
54) o-Xylene	9.551	106	1051	0.056	ug/L	75
60) Isopropylbenzene	9.931	105	4529	0.101	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	7303	1.140	ug/L #	63

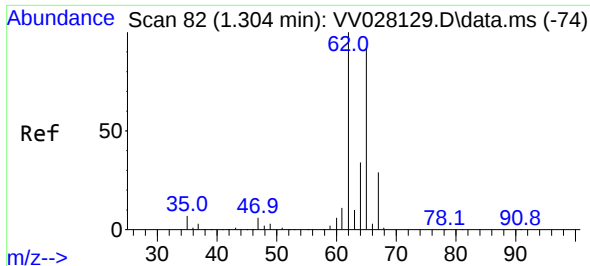
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028228.D
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Response via : Initial Calibration

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

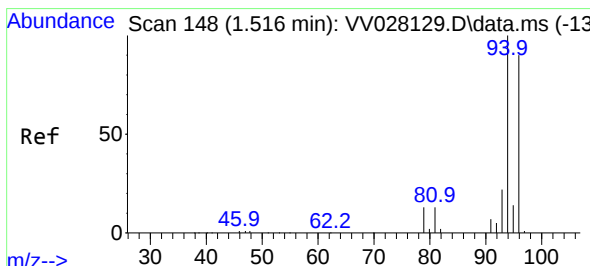
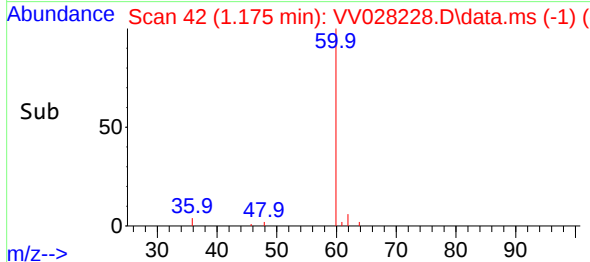
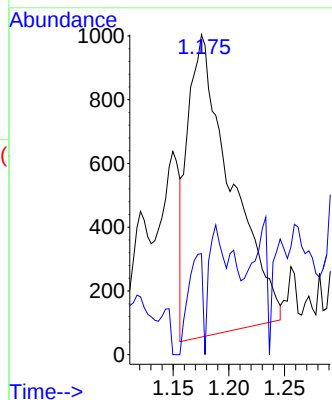
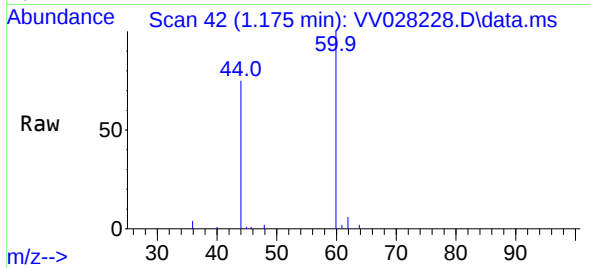
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#5
 Vinyl chloride
 Concen: 0.205 ug/L
 RT: 1.175 min Scan# 41
 Delta R.T. -0.129 min
 Lab File: VV028228.D
 Acq: 30 Sep 2022 15:42

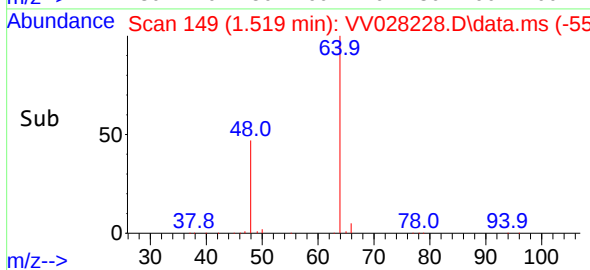
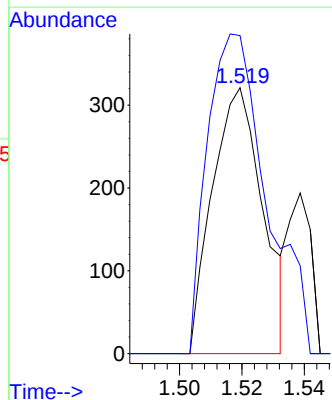
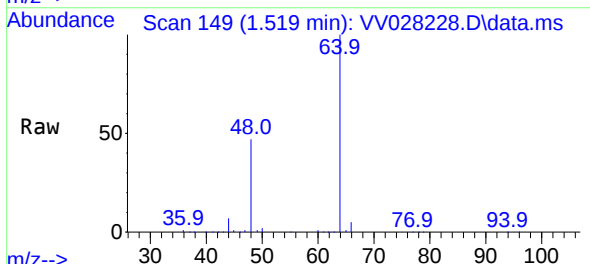
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H39

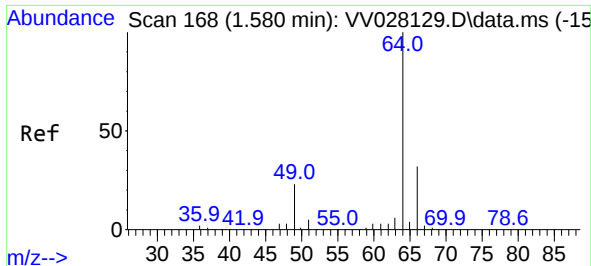
Tgt Ion: 62 Resp: 2562
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.0 42.8



#6
 Bromomethane
 Concen: 0.044 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV028228.D
 Acq: 30 Sep 2022 15:42

Tgt Ion: 94 Resp: 360
 Ion Ratio Lower Upper
 94 100
 96 119.6 66.7 123.9

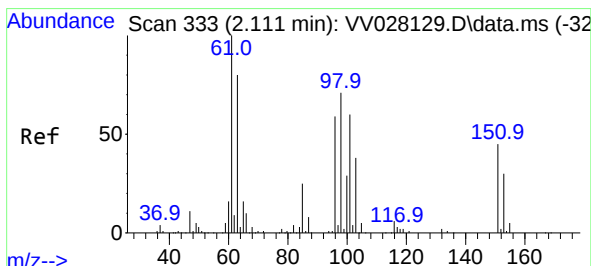
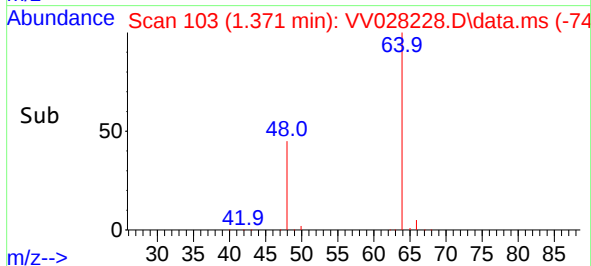
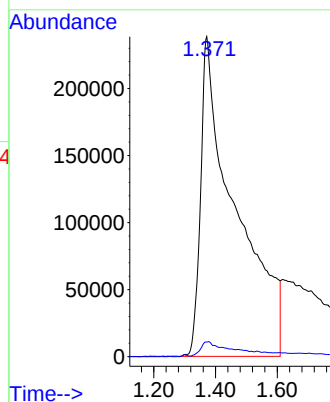
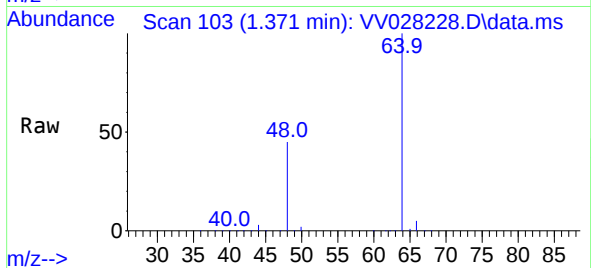




#8
Chloroethane
Concen: 220.829 ug/L
RT: 1.371 min Scan# 10
Delta R.T. -0.206 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

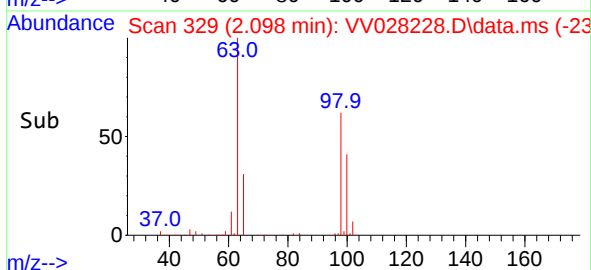
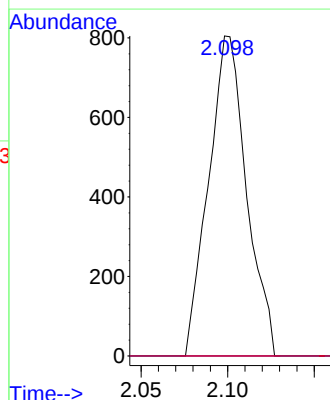
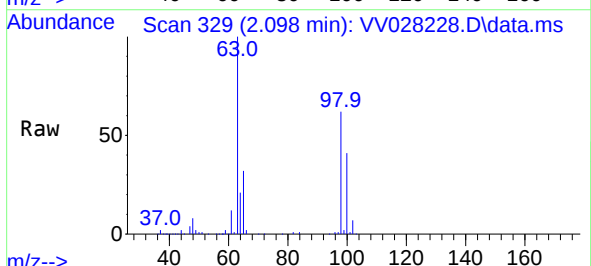
Instrument :
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ClientSampleId :
F5H39

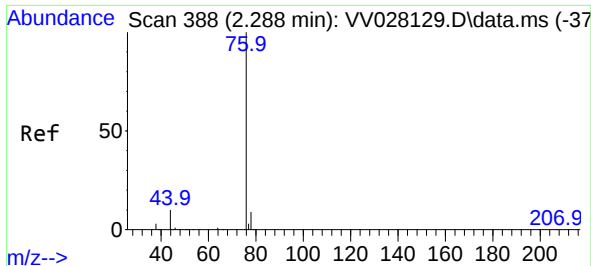
Tgt Ion: 64 Resp: 1848870
Ion Ratio Lower Upper
64 100
66 4.6 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.107 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.010 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

Tgt Ion:101 Resp: 1228
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 0.0 61.1 91.7#

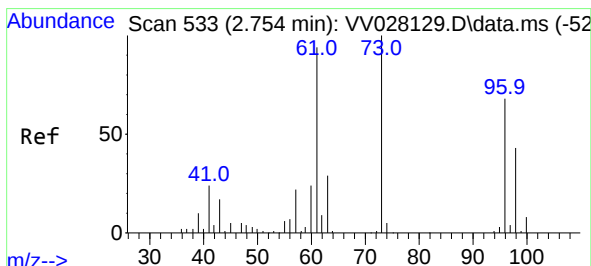
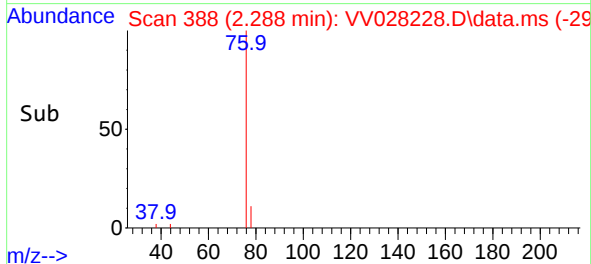
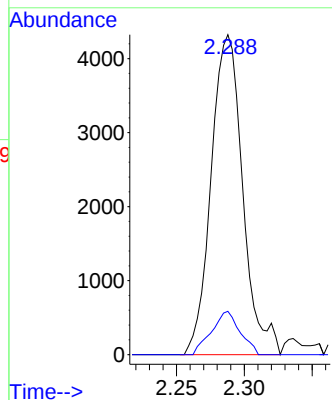
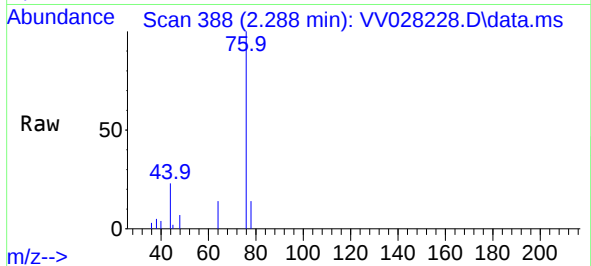




#14
Carbon disulfide
Concen: 0.328 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

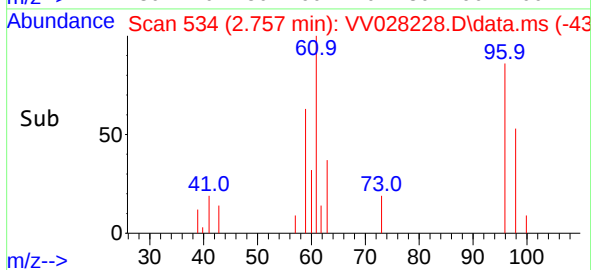
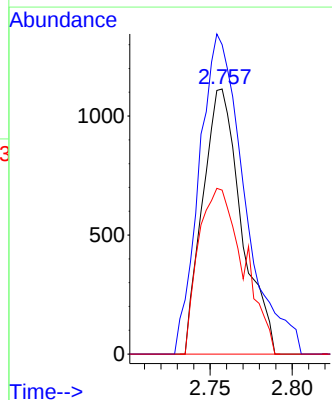
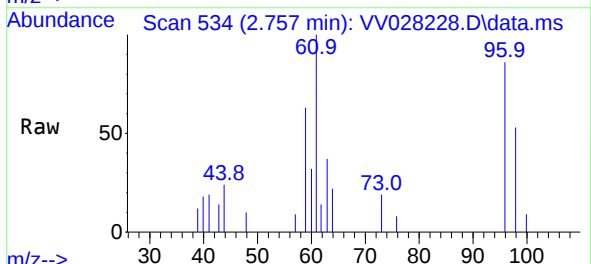
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MSVOA_V
ClientSampleId :
F5H39

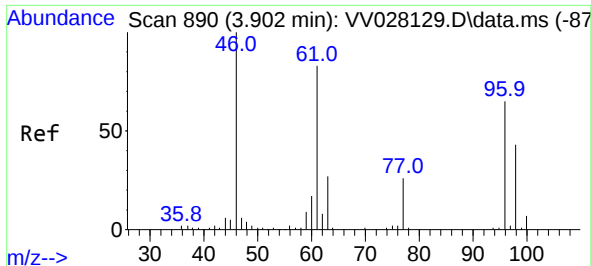
Tgt Ion: 76 Resp: 7006
Ion Ratio Lower Upper
76 100
78 13.5 7.6 11.4#



#18
trans-1,2-Dichloroethene
Concen: 0.187 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

Tgt Ion: 96 Resp: 1826
Ion Ratio Lower Upper
96 100
61 116.7 96.2 178.6
98 61.8 45.7 84.9

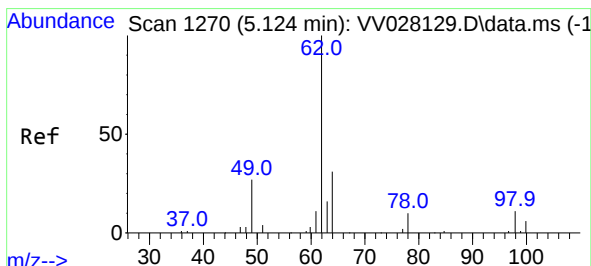
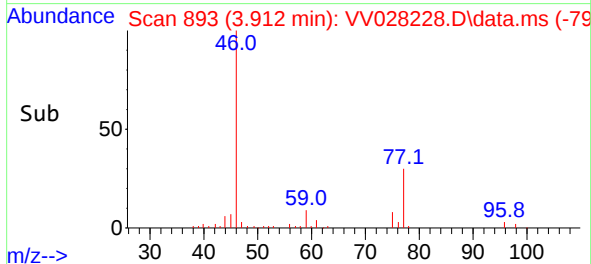
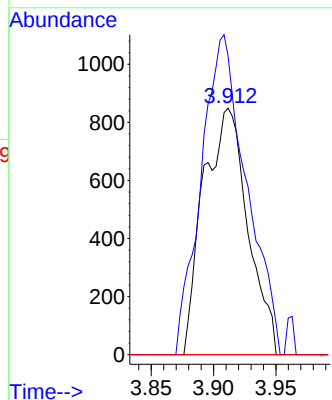
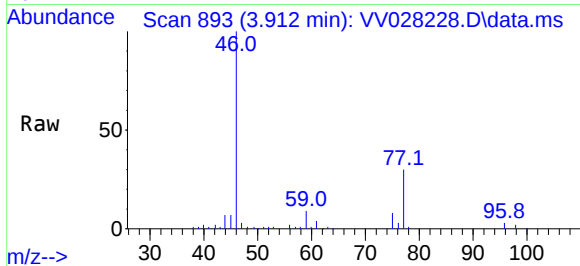




#22
 cis-1,2-Dichloroethene
 Concen: 0.164 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.013 min
 Lab File: VV028228.D
 Acq: 30 Sep 2022 15:42

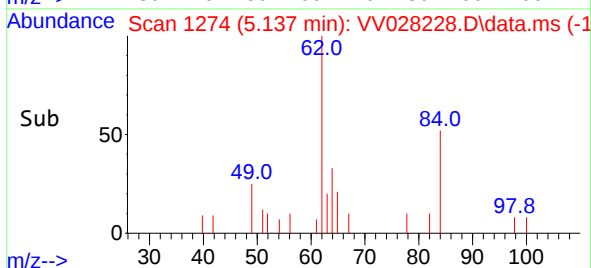
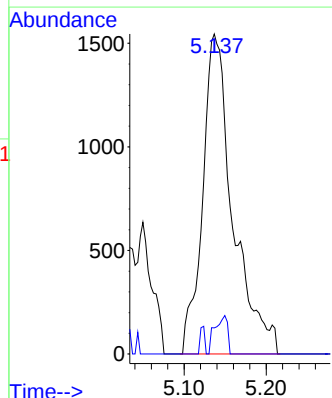
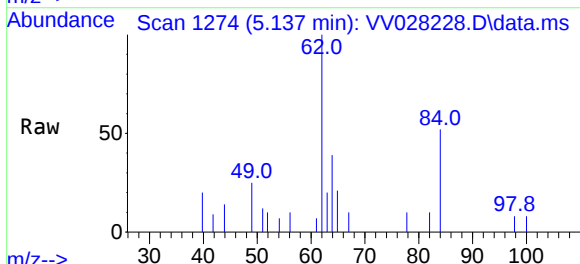
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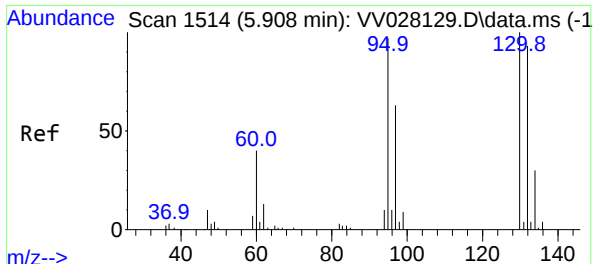
Tgt Ion: 96 Resp: 2100
 Ion Ratio Lower Upper
 96 100
 61 121.3 87.2 161.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.325 ug/L
 RT: 5.137 min Scan# 1274
 Delta R.T. 0.013 min
 Lab File: VV028228.D
 Acq: 30 Sep 2022 15:42

Tgt Ion: 62 Resp: 3954
 Ion Ratio Lower Upper
 62 100
 98 8.2 6.7 10.1





#34

Trichloroethene

Concen: 2.438 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV028228.D

Acq: 30 Sep 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

F5H39

Tgt Ion: 95 Resp: 27454

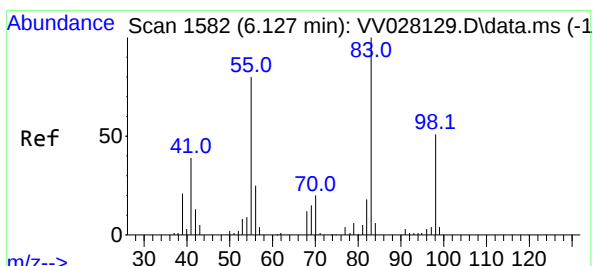
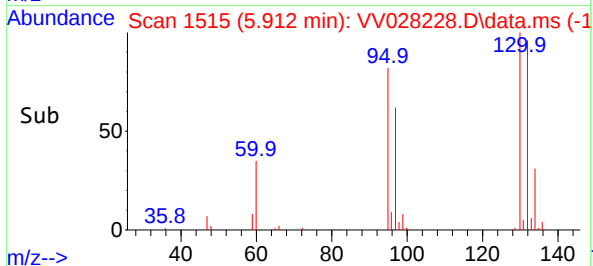
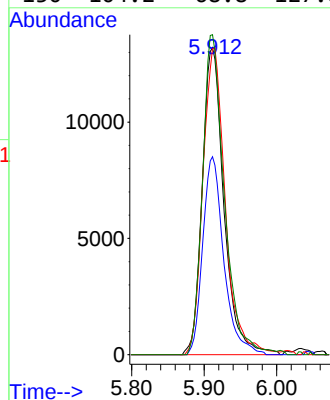
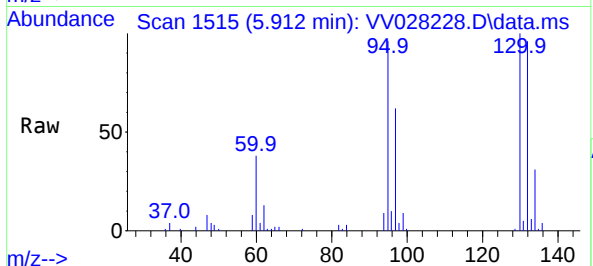
Ion Ratio Lower Upper

95 100

97 64.5 44.2 82.0

132 99.6 67.8 126.0

130 104.2 68.8 127.8



#35

Methylcyclohexane

Concen: 1.246 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028228.D

Acq: 30 Sep 2022 15:42

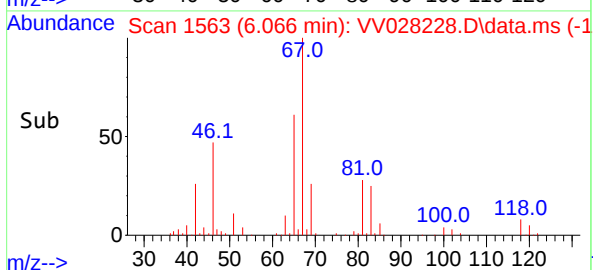
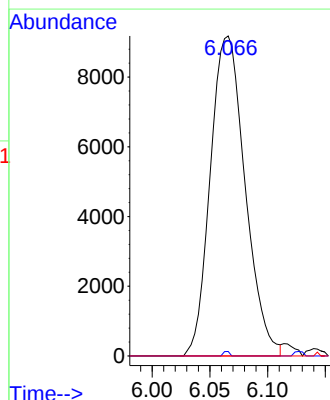
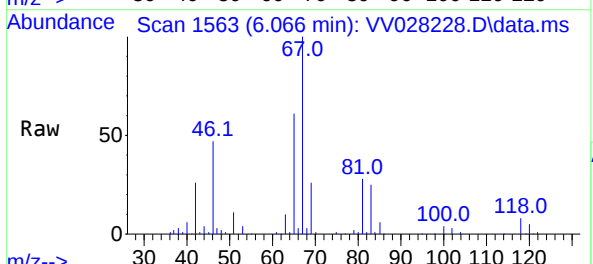
Tgt Ion: 83 Resp: 19245

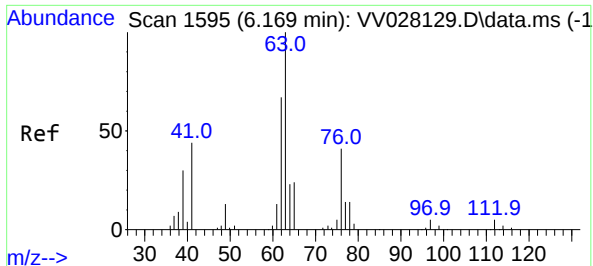
Ion Ratio Lower Upper

83 100

55 0.3 64.7 97.1#

98 4.2 39.5 59.3#

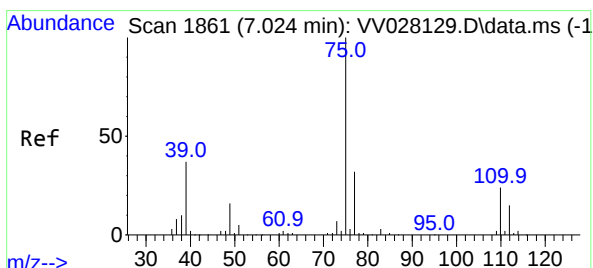
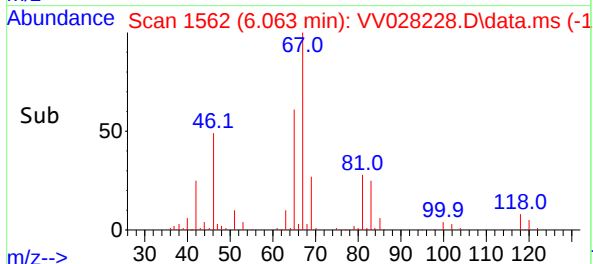
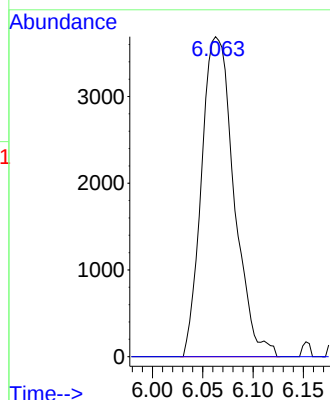
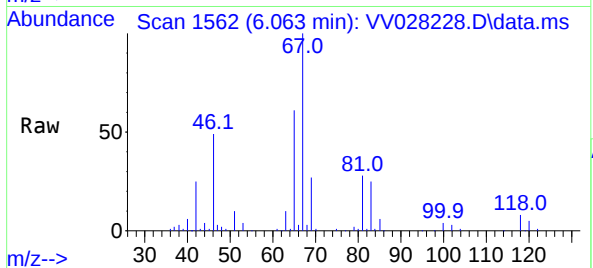




#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

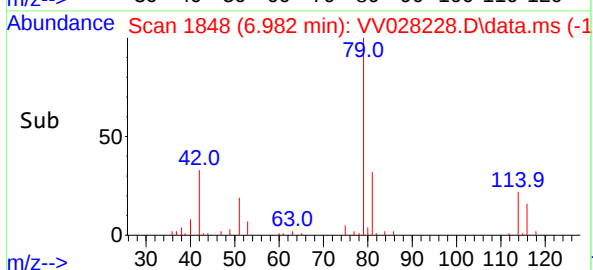
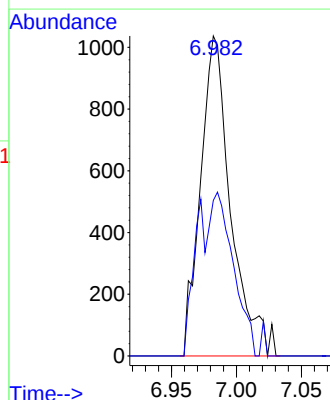
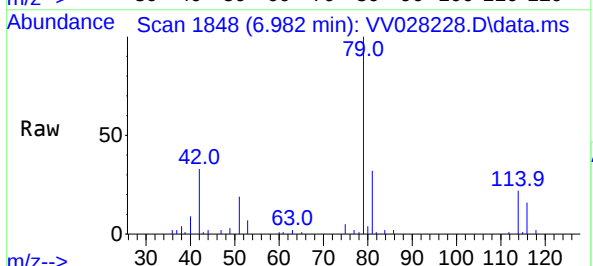
Instrument :
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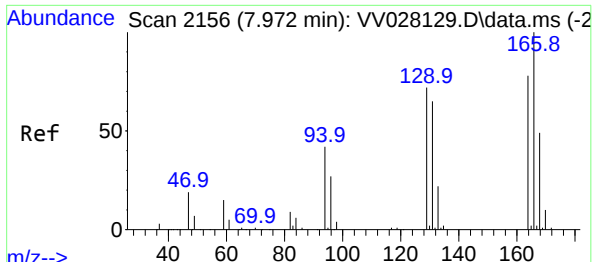
Tgt Ion: 63 Resp: 8295
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.039 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

Tgt Ion: 75 Resp: 1684
Ion Ratio Lower Upper
75 100
77 48.6 22.4 41.6#

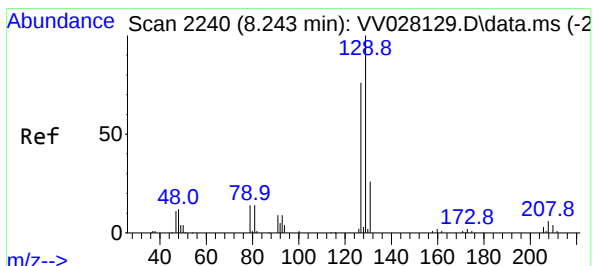
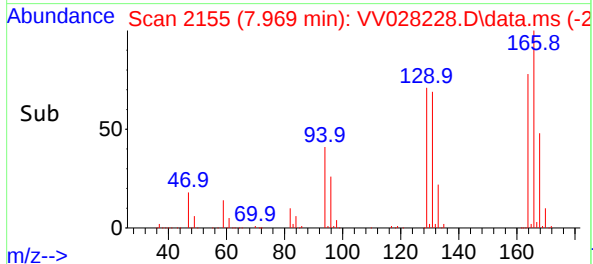
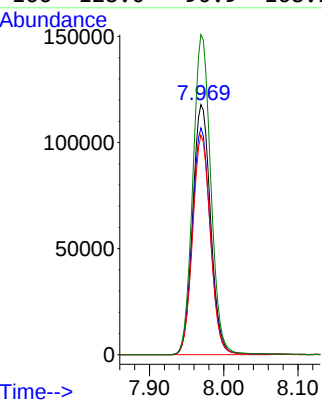
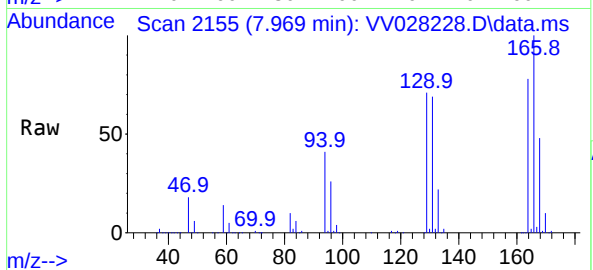




#47
Tetrachloroethene
Concen: 22.079 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

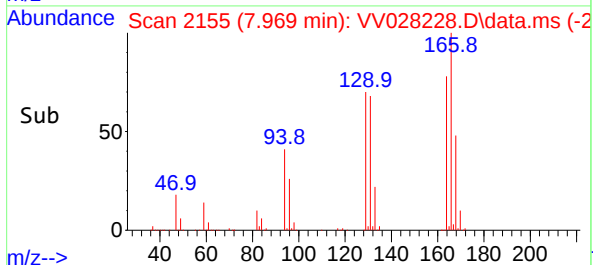
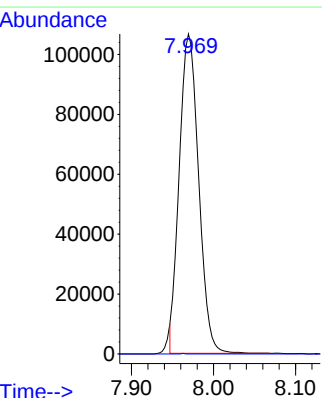
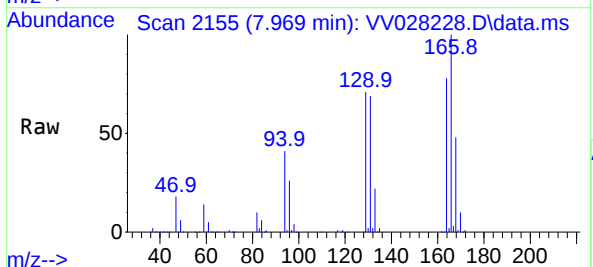
Instrument :
MSVOA_V
ClientSampleId :
F5H39

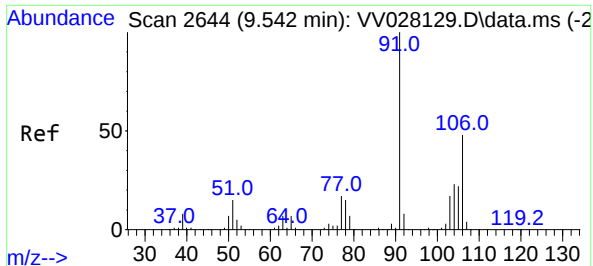
Tgt Ion:164 Resp: 198458
Ion Ratio Lower Upper
164 100
129 90.6 66.7 123.9
131 87.8 61.7 114.5
166 128.0 90.9 168.9



#49
Dibromochloromethane
Concen: 17.053 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

Tgt Ion:129 Resp: 174299
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#

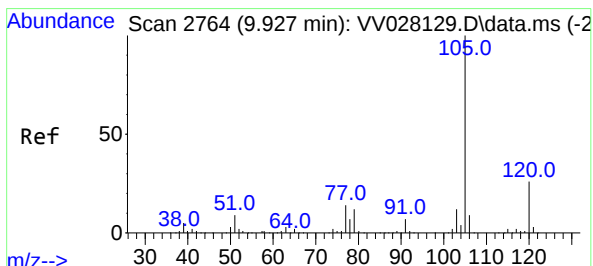
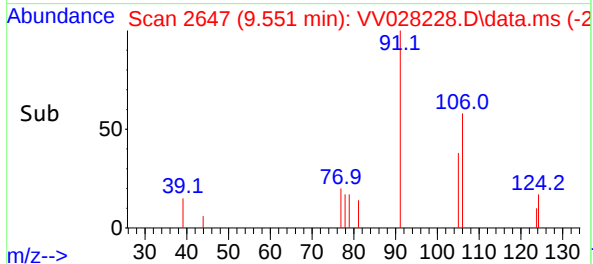
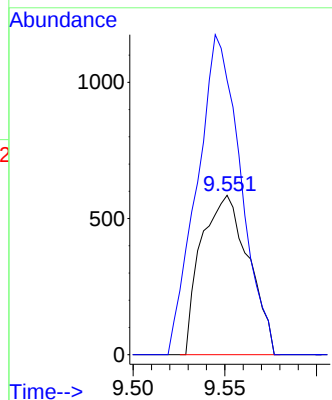
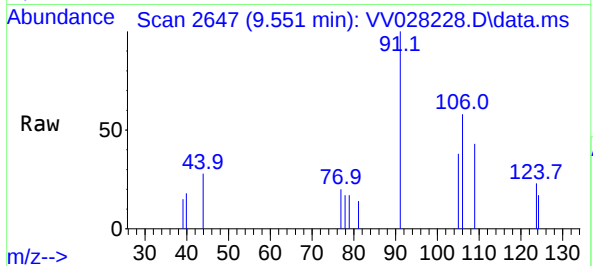




#54
o-Xylene
Concen: 0.056 ug/L
RT: 9.551 min Scan# 210
Delta R.T. 0.013 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

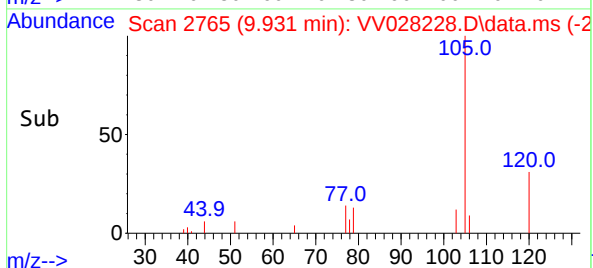
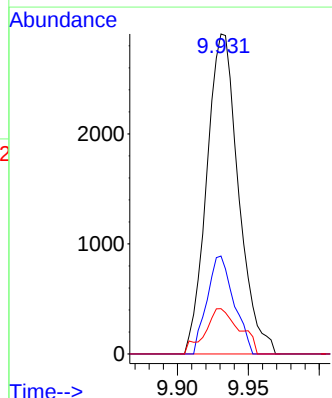
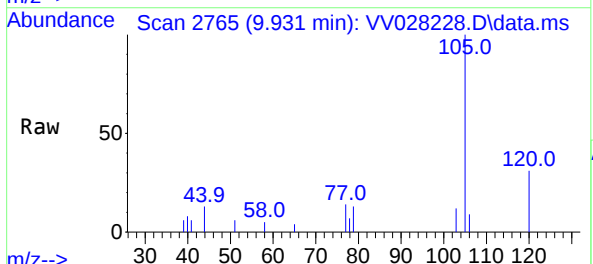
Instrument :
MSVOA_V
ClientSampleId :
F5H39

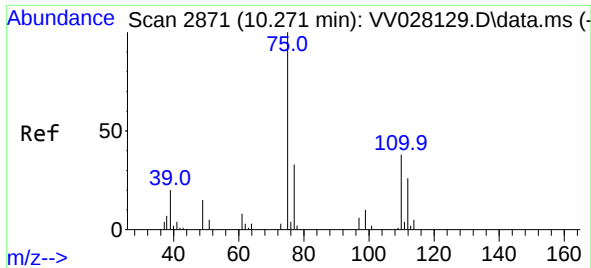
Tgt Ion:106 Resp: 1051
Ion Ratio Lower Upper
106 100
91 172.3 148.1 275.0



#60
Isopropylbenzene
Concen: 0.101 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV028228.D
Acq: 30 Sep 2022 15:42

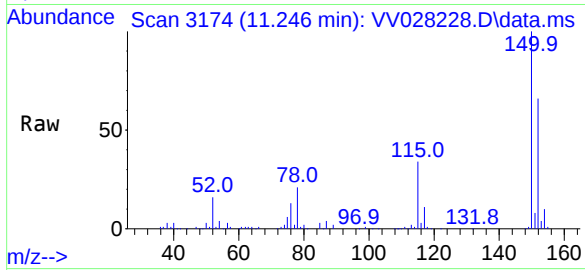
Tgt Ion:105 Resp: 4529
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.0
77 15.3 12.2 18.4





#61
 1,2,3-Trichloropropane
 Concen: 1.140 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028228.D
 Acq: 30 Sep 2022 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H39



Tgt Ion: 75 Resp: 7303
 Ion Ratio Lower Upper
 75 100
 77 27.6 26.7 40.1
 110 1.6 30.1 45.1#

