

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028941.D
 Acq On : 14 Nov 2022 16:23
 Operator : SY/MD
 Sample : N5592-13DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

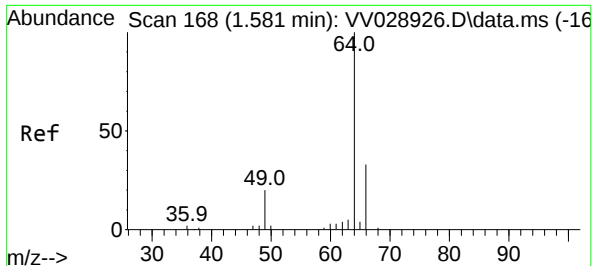
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB8DL

Quant Time: Nov 15 00:05:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	270077	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	120083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63839	3.877	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.568	69	64573	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.108	63	95969	3.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.886	46	150371	54.557	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.120%
24) Chloroform-d	4.342	84	160398	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.027	65	75156	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.047	84	335683	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.066	67	96488	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.310	98	290397	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.622	79	30794	4.574	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.085	63	132457	46.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.200%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70007	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	102585	4.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
8) Chloroethane	1.420	64	79762	6.369	ug/L #	54
12) 1,1-Dichloroethene	2.114	96	5277	0.323	ug/L #	1
16) Methylene chloride	2.506	84	25553	1.209	ug/L	97
19) 1,1-Dichloroethane	3.191	63	3577	0.115	ug/L #	95
22) cis-1,2-Dichloroethene	3.912	96	6219	0.323	ug/L	98
34) Trichloroethene	5.915	95	34822	1.797	ug/L	98
35) Methylcyclohexane	6.066	83	24782	0.728	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	10094	0.578	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2075	0.085	ug/L #	55
47) Tetrachloroethene	7.973	164	78814	5.081	ug/L	98
49) Dibromochloromethane	7.969	129	69778	5.052	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	13442	1.638	ug/L #	65

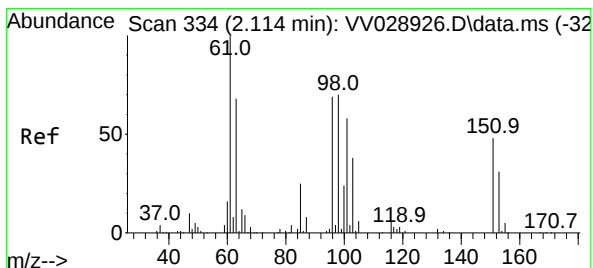
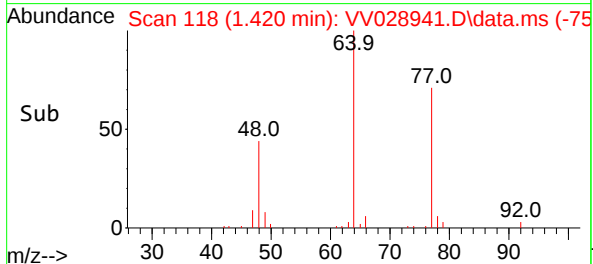
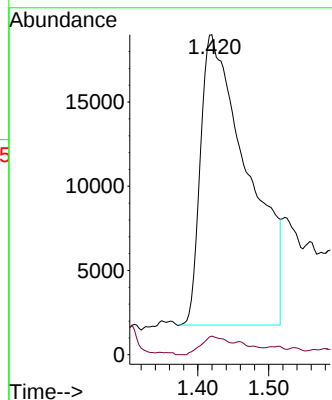
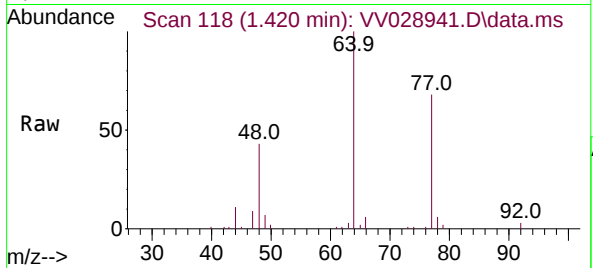
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 6.369 ug/L
RT: 1.420 min Scan# 118
Delta R.T. -0.161 min
Lab File: VV028941.D
Acq: 14 Nov 2022 16:23

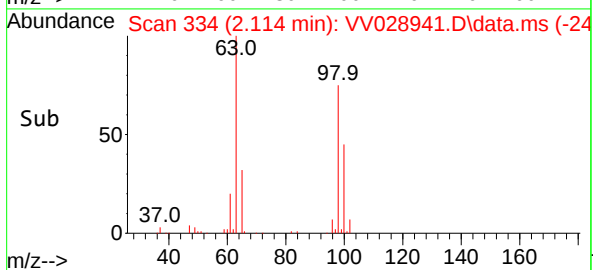
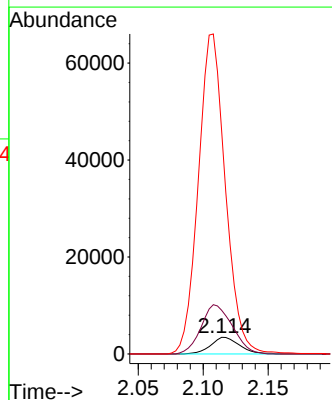
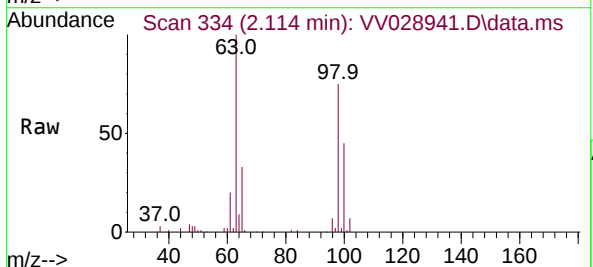
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MSVOA_V
ClientSampleId :
H0AB8DL

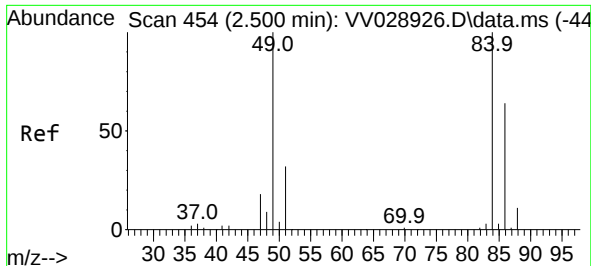
Tgt Ion: 64 Resp: 79762
Ion Ratio Lower Upper
64 100
66 5.8 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.323 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028941.D
Acq: 14 Nov 2022 16:23

Tgt Ion: 96 Resp: 5277
Ion Ratio Lower Upper
96 100
61 263.3 104.2 193.4#
63 1346.3 75.9 140.9#

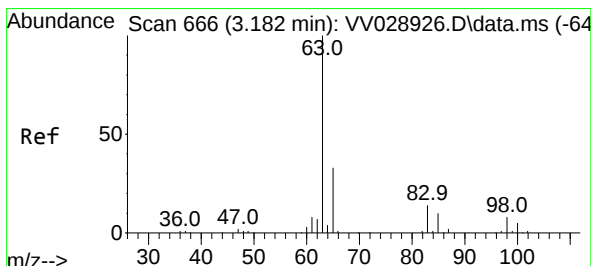
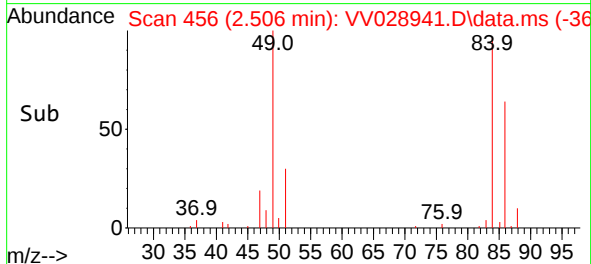
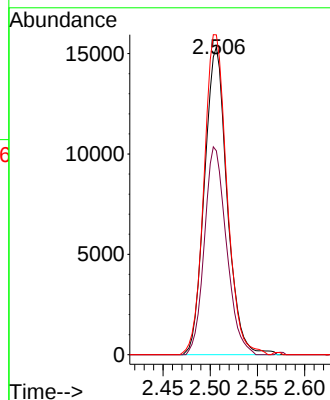
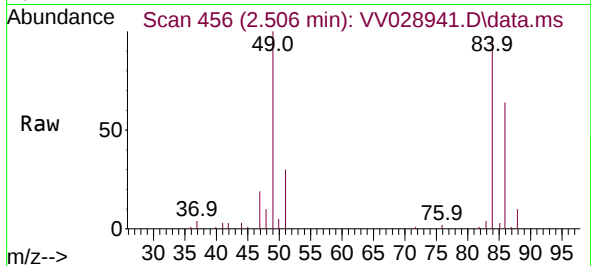




#16
Methylene chloride
Concen: 1.209 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028941.D
Acq: 14 Nov 2022 16:23

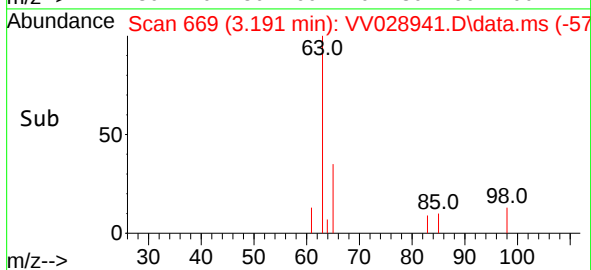
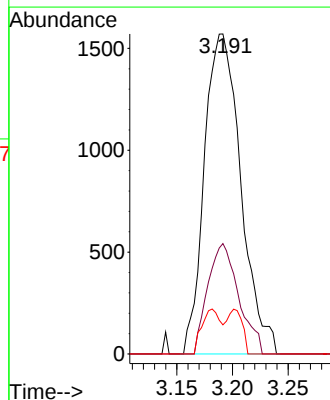
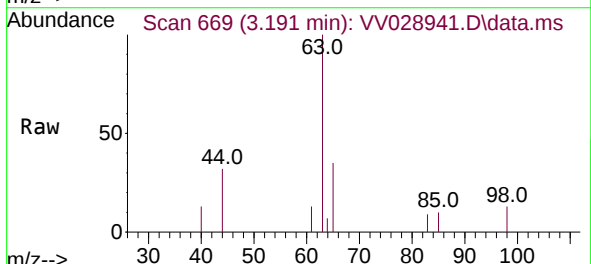
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MSVOA_V
ClientSampleId :
H0AB8DL

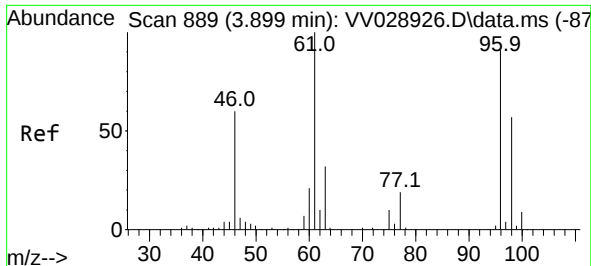
Tgt Ion: 84 Resp: 25553
Ion Ratio Lower Upper
84 100
86 66.2 45.8 85.0
49 104.0 75.5 140.1



#19
1,1-Dichloroethane
Concen: 0.115 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.009 min
Lab File: VV028941.D
Acq: 14 Nov 2022 16:23

Tgt Ion: 63 Resp: 3577
Ion Ratio Lower Upper
63 100
65 34.5 23.0 42.6
83 9.1 9.4 17.6#





#22

cis-1,2-Dichloroethene

Concen: 0.323 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.013 min

Lab File: VV028941.D

Acq: 14 Nov 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

H0AB8DL

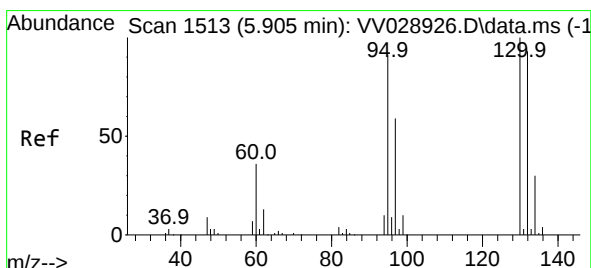
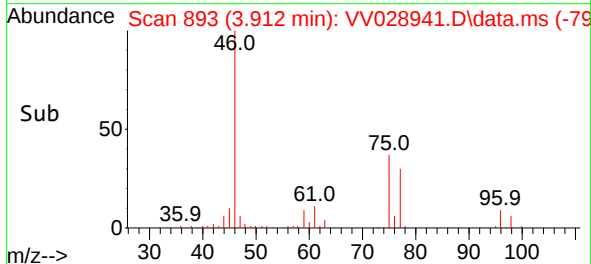
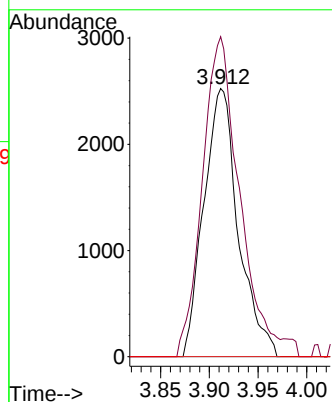
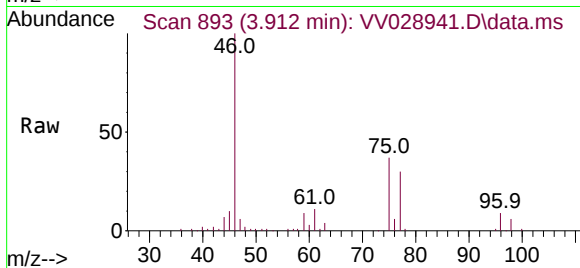
Tgt Ion: 96 Resp: 6219

Ion Ratio Lower Upper

96 100

61 119.3 82.3 152.9

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 1.797 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.009 min

Lab File: VV028941.D

Acq: 14 Nov 2022 16:23

Tgt Ion: 95 Resp: 34822

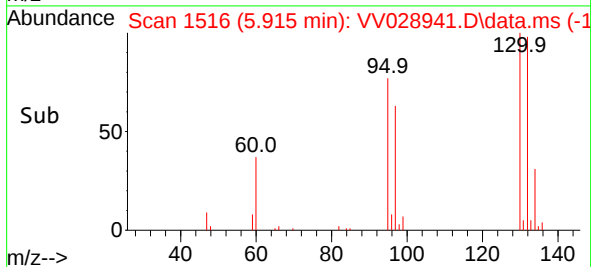
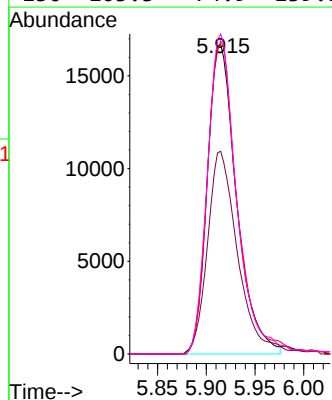
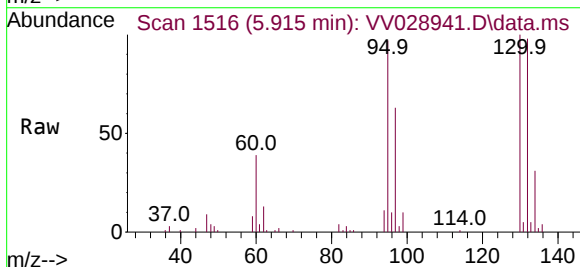
Ion Ratio Lower Upper

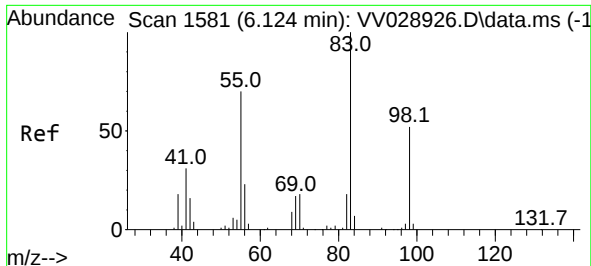
95 100

97 65.4 45.6 84.8

132 101.0 69.1 128.3

130 103.3 74.9 139.1

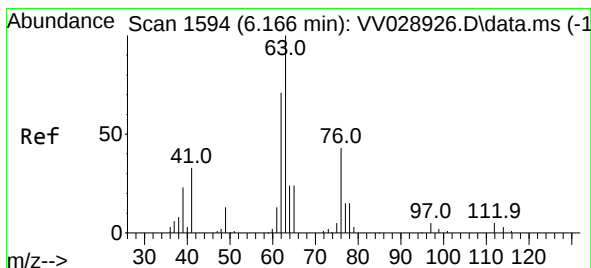
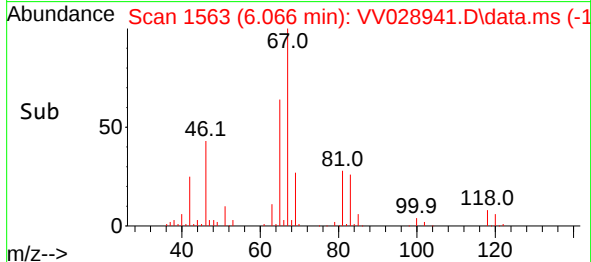
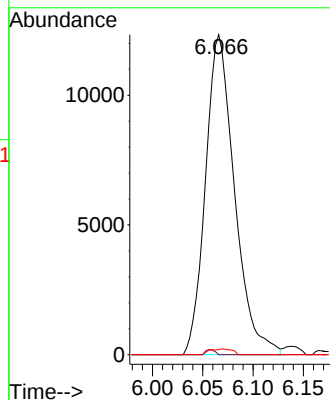
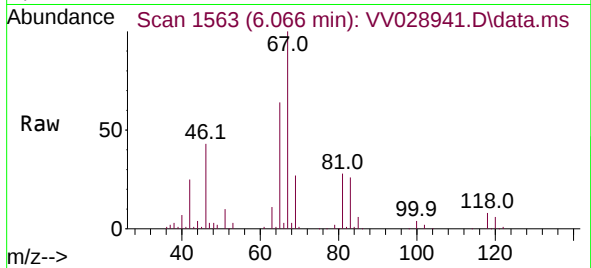




#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028941.D
Acq: 14 Nov 2022 16:23

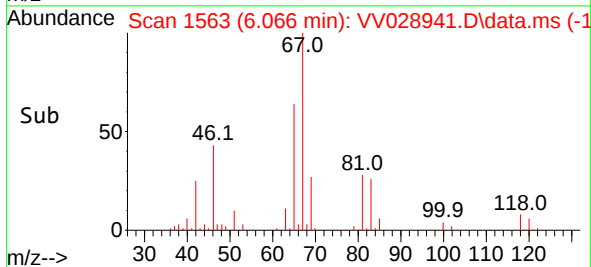
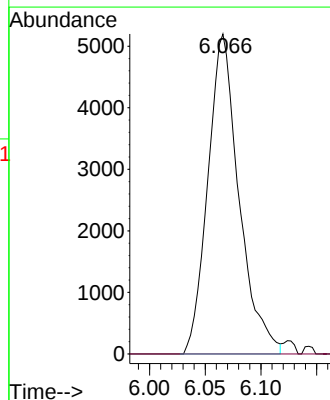
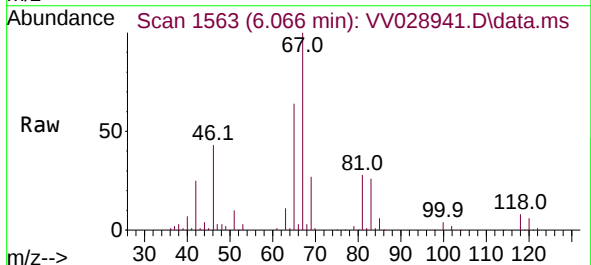
Instrument :
MSVOA_V
ClientSampleId :
H0AB8DL

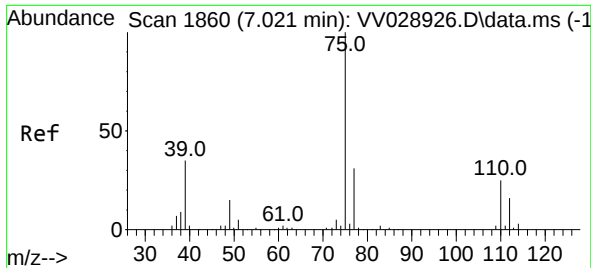
Tgt Ion: 83 Resp: 24782
Ion Ratio Lower Upper
83 100
55 0.5 55.8 83.6#
98 1.4 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028941.D
Acq: 14 Nov 2022 16:23

Tgt Ion: 63 Resp: 10094
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028941.D

Acq: 14 Nov 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

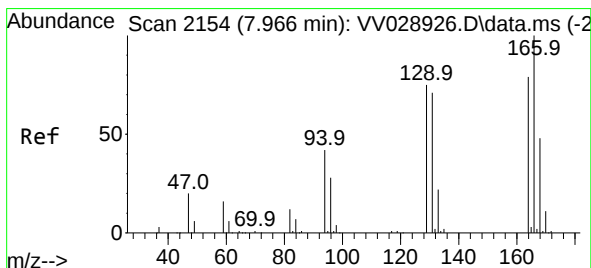
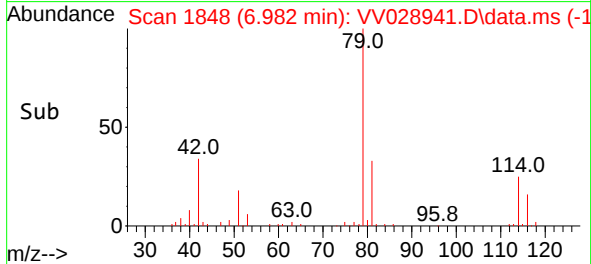
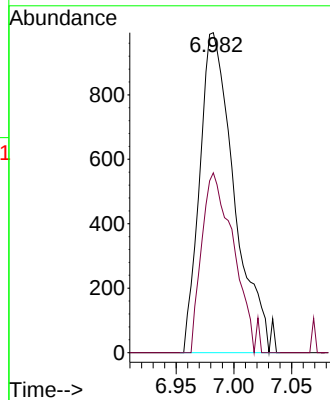
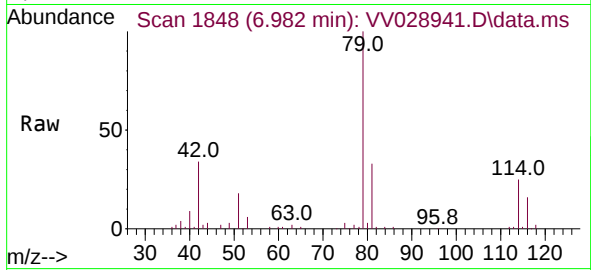
H0AB8DL

Tgt Ion: 75 Resp: 2075

Ion Ratio Lower Upper

75 100

77 56.2 21.8 40.6#



#47

Tetrachloroethene

Concen: 5.081 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV028941.D

Acq: 14 Nov 2022 16:23

Tgt Ion: 164 Resp: 78814

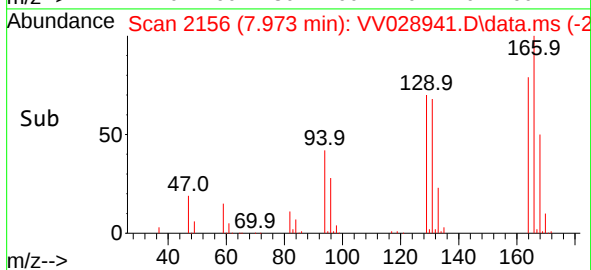
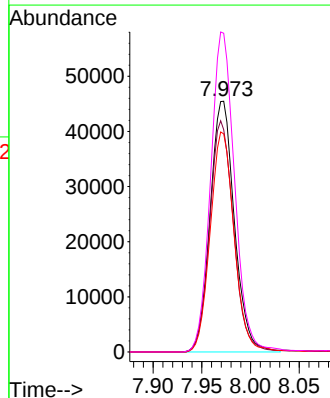
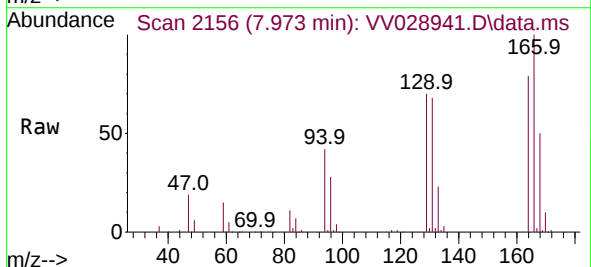
Ion Ratio Lower Upper

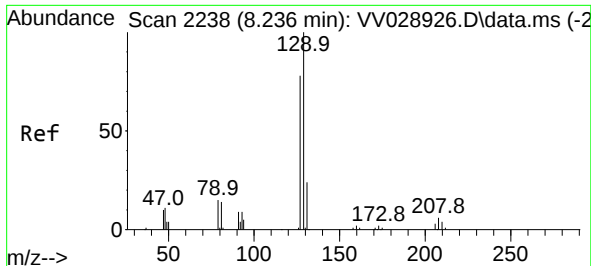
164 100

129 88.7 63.9 118.7

131 87.0 61.8 114.8

166 127.1 90.2 167.4





#49

Dibromochloromethane

Concen: 5.052 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV028941.D

Acq: 14 Nov 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

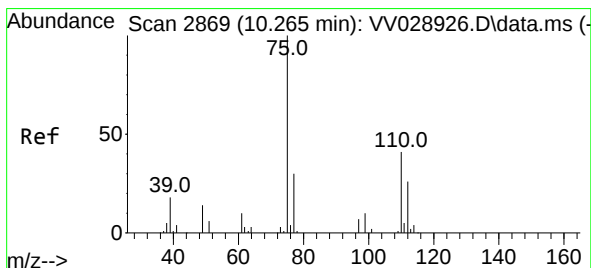
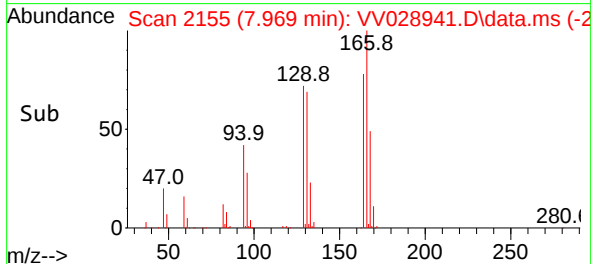
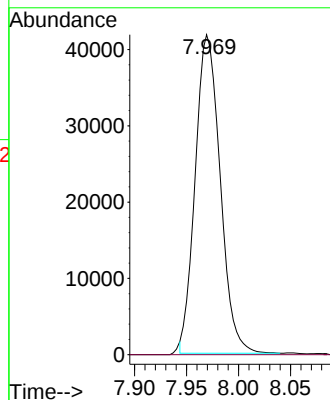
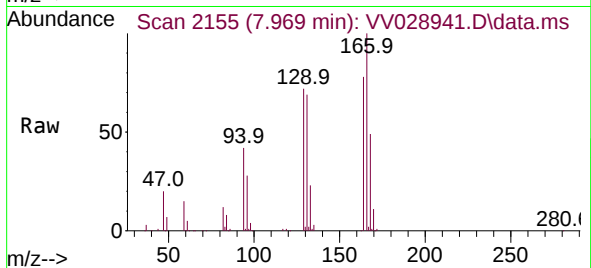
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Tgt Ion:129 Resp: 69778

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.638 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV028941.D

Acq: 14 Nov 2022 16:23

Tgt Ion: 75 Resp: 13442

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

110 2.3 32.6 48.8#

