

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027610.D
 Acq On : 31 Aug 2022 01:29
 Operator : SY/MD
 Sample : N4366-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E73

Quant Time: Aug 31 07:14:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

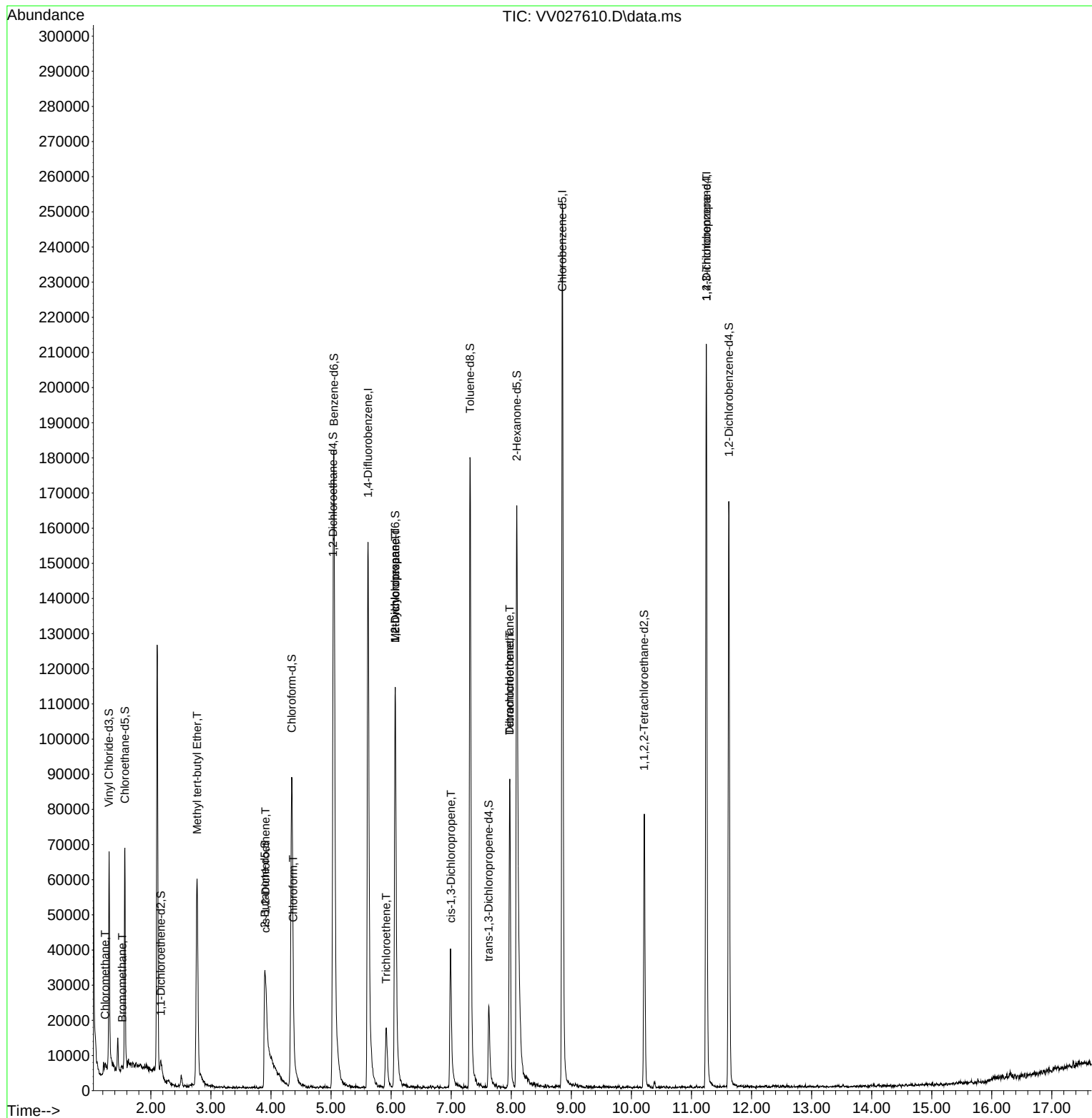
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	136652	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53954	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44033	4.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.568	69	38648	5.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.166	63	3061	0.135	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	2.600%#
20) 2-Butanone-d5	3.896	46	69241	57.208	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.420%
24) Chloroform-d	4.346	84	94829	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	46793	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.050	84	170948	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.069	67	56312	5.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.313	98	126027	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	7.625	79	14593	3.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.091	63	63288	50.319	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36869	5.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	42241	5.281	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1714	0.135	ug/L	87
6) Bromomethane	1.523	94	677	0.107	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	54295	2.538	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	2263	0.199	ug/L #	51
25) Chloroform	4.371	83	2603	0.109	ug/L	99
34) Trichloroethene	5.918	95	5989	0.494	ug/L	93
35) Methylcyclohexane	6.069	83	13864	0.813	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	6771	0.551	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1288	0.087	ug/L #	70
47) Tetrachloroethene	7.976	164	19605	2.076	ug/L	97
49) Dibromochloromethane	7.976	129	18930	1.960	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6618	1.398	ug/L #	66

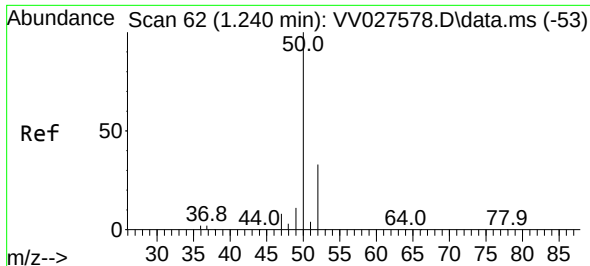
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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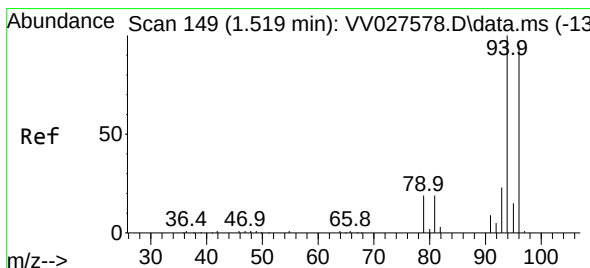
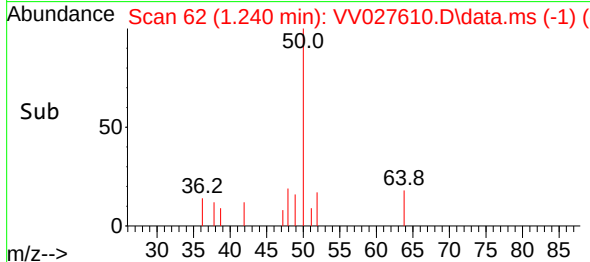
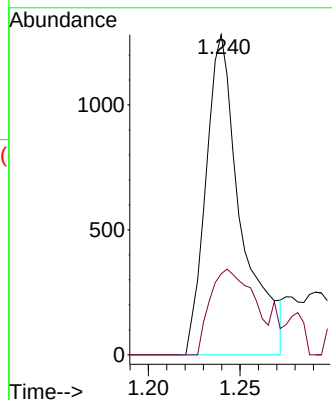
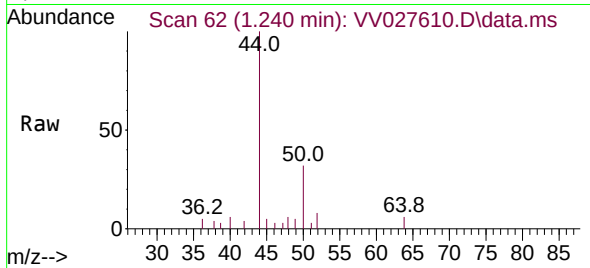




#3
Chloromethane
Concen: 0.135 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

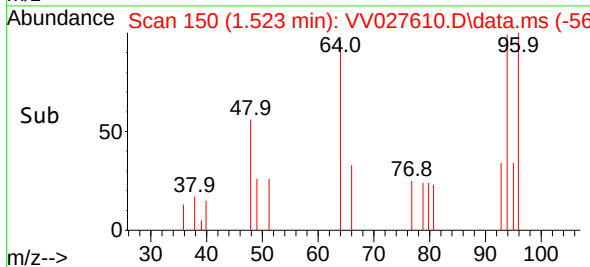
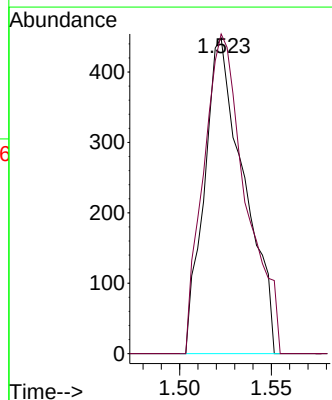
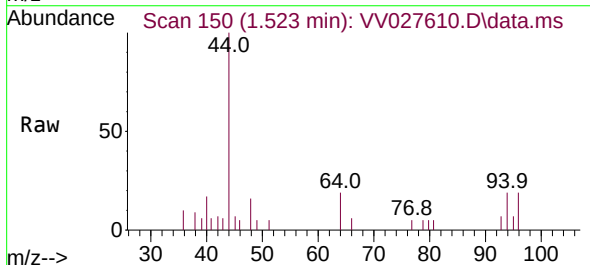
Instrument :
MSVOA_V
ClientSampleId :
F5E73

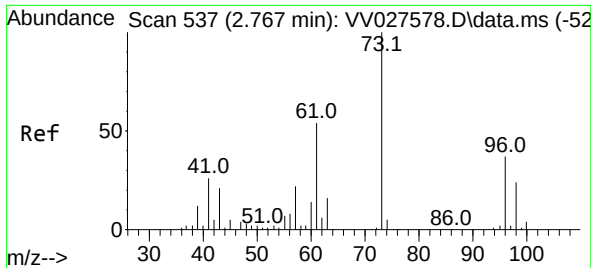
Tgt Ion: 50 Resp: 1714
Ion Ratio Lower Upper
50 100
52 25.3 22.8 42.4



#6
Bromomethane
Concen: 0.107 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

Tgt Ion: 94 Resp: 677
Ion Ratio Lower Upper
94 100
96 101.3 65.2 121.0

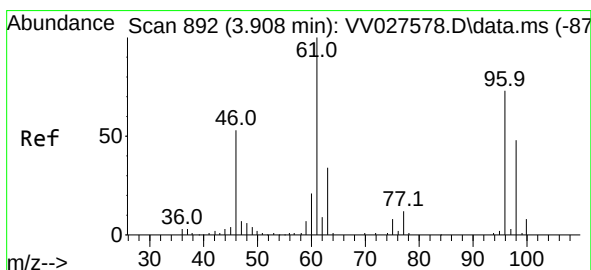
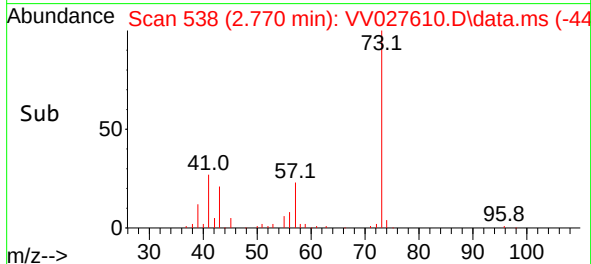
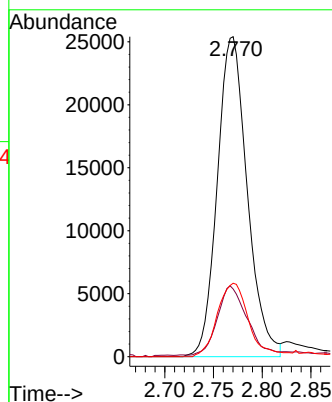
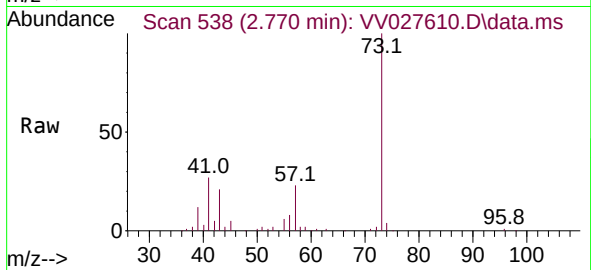




#17
Methyl tert-butyl Ether
Concen: 2.538 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

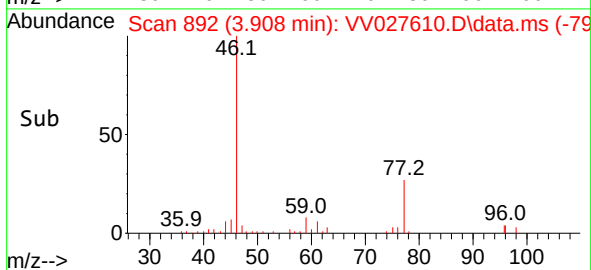
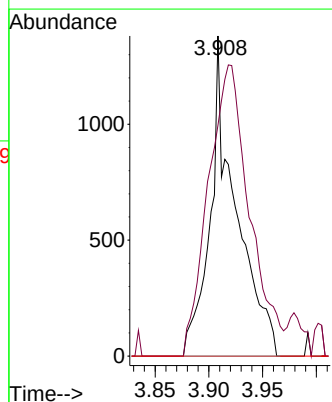
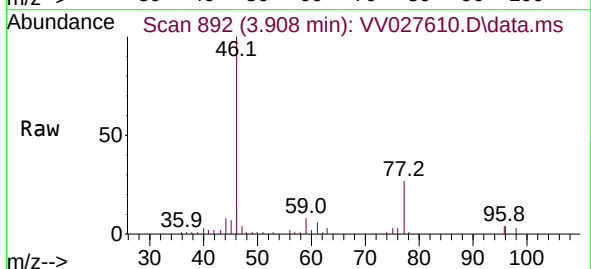
Instrument :
MSVOA_V
ClientSampleId :
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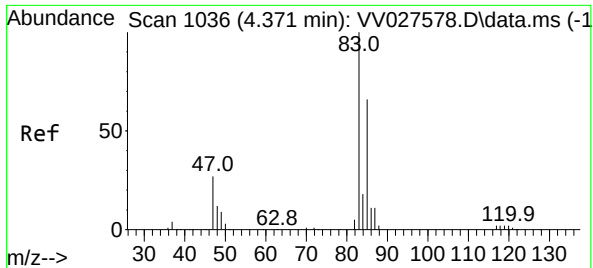
Tgt Ion: 73 Resp: 54295
Ion Ratio Lower Upper
73 100
43 21.2 15.6 23.4
57 23.9 17.0 25.6



#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

Tgt Ion: 96 Resp: 2263
Ion Ratio Lower Upper
96 100
61 72.1 90.6 168.2#
68 0.0 0.0 0.0

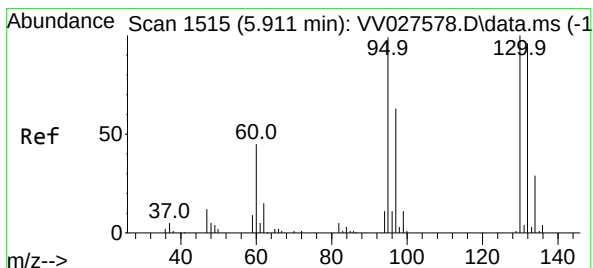
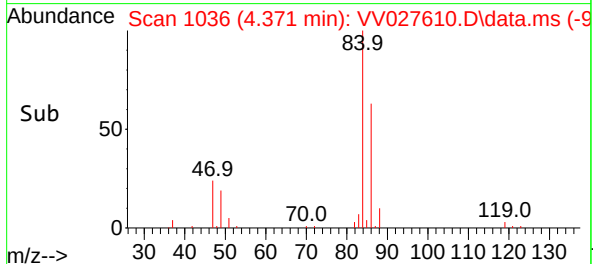
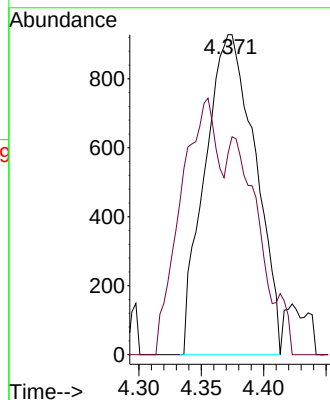
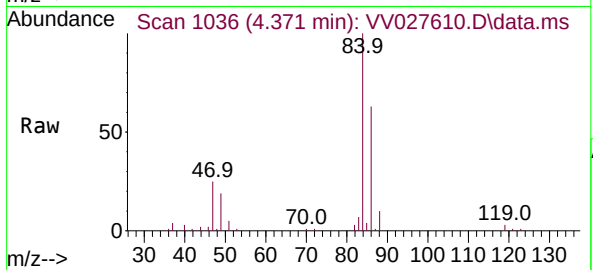




#25
Chloroform
Concen: 0.109 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

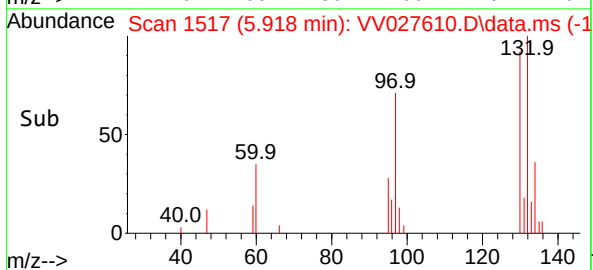
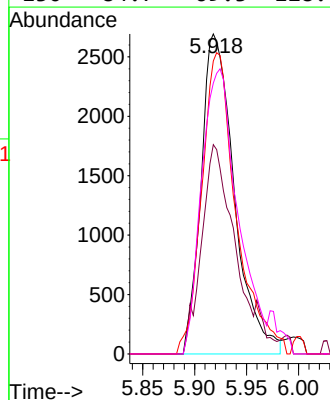
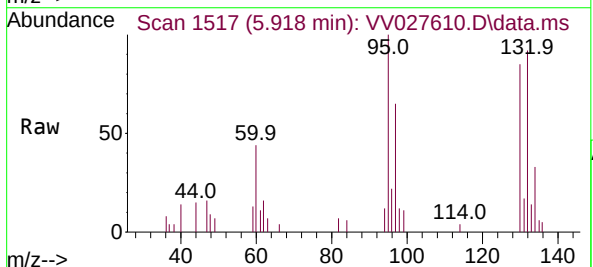
Instrument :
MSVOA_V
ClientSampleId :
F5E73

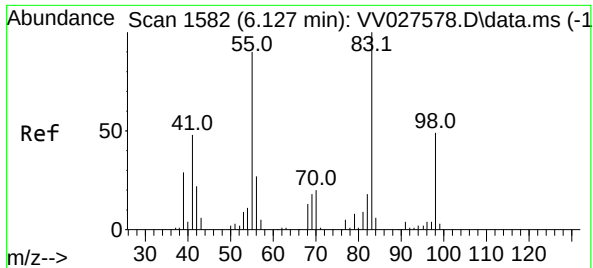
Tgt Ion: 83 Resp: 2603
Ion Ratio Lower Upper
83 100
85 62.8 43.3 80.5



#34
Trichloroethene
Concen: 0.494 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

Tgt Ion: 95 Resp: 5989
Ion Ratio Lower Upper
95 100
97 65.4 45.0 83.6
132 91.6 65.7 121.9
130 84.7 69.3 128.7

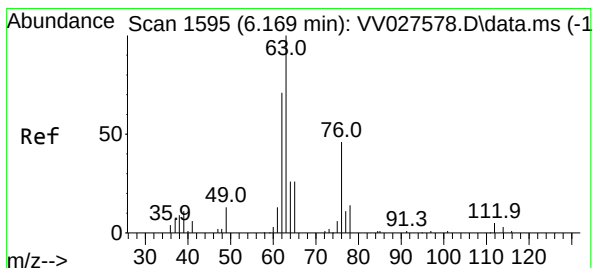
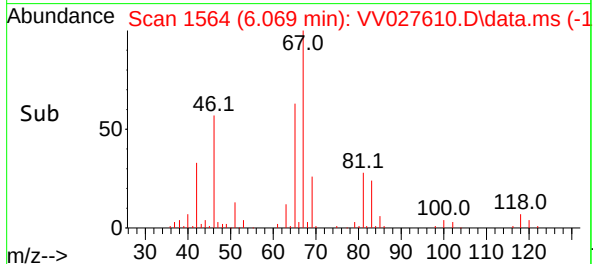
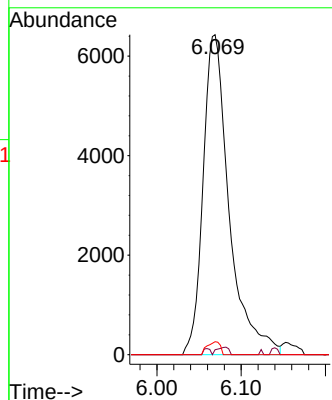
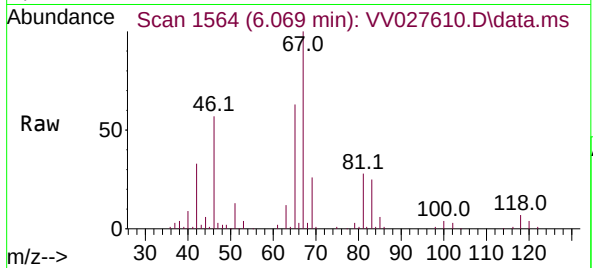




#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

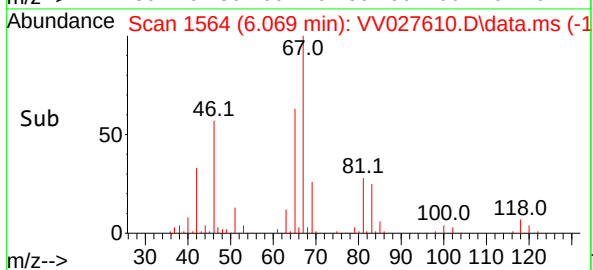
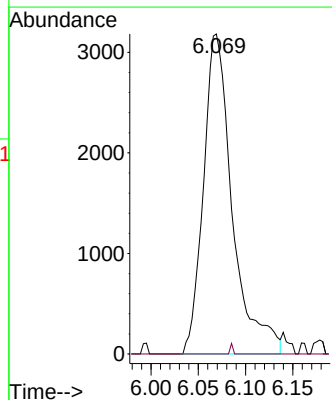
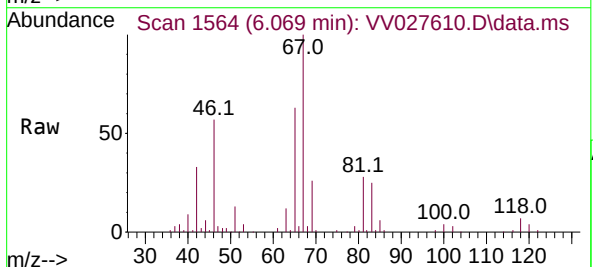
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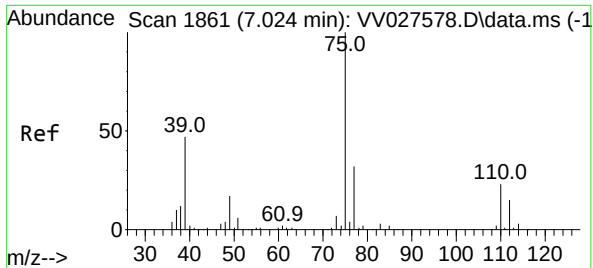
Tgt Ion: 83 Resp: 13864
Ion Ratio Lower Upper
83 100
55 0.5 68.2 102.4#
98 2.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

Tgt Ion: 63 Resp: 6771
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV027610.D

Acq: 31 Aug 2022 01:29

Instrument :

MSVOA_V

ClientSampleId :

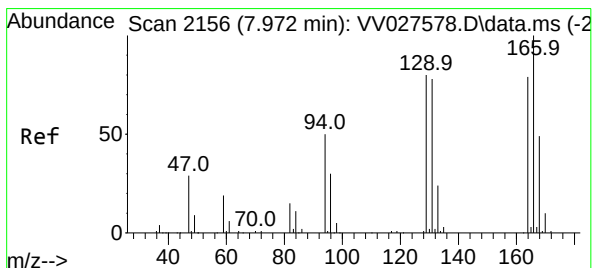
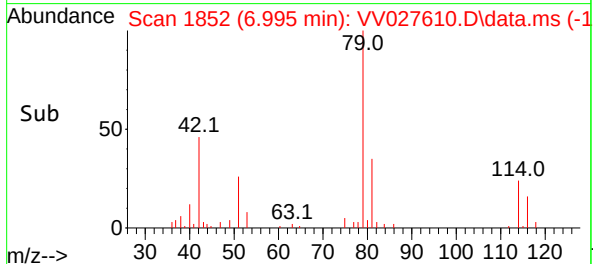
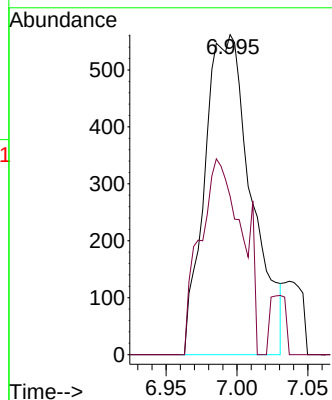
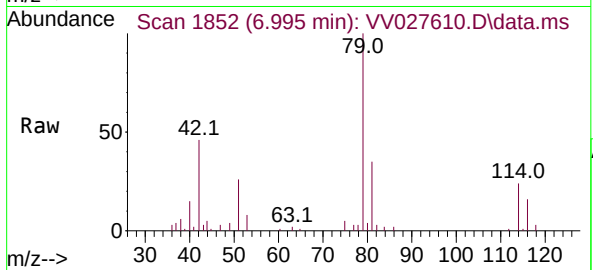
F5E73

Tgt Ion: 75 Resp: 1288

Ion Ratio Lower Upper

75 100

77 49.5 22.9 42.5#



#47

Tetrachloroethene

Concen: 2.076 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027610.D

Acq: 31 Aug 2022 01:29

Tgt Ion: 164 Resp: 19605

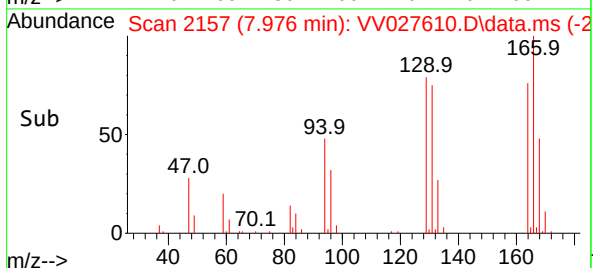
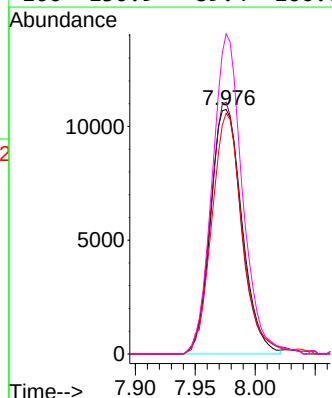
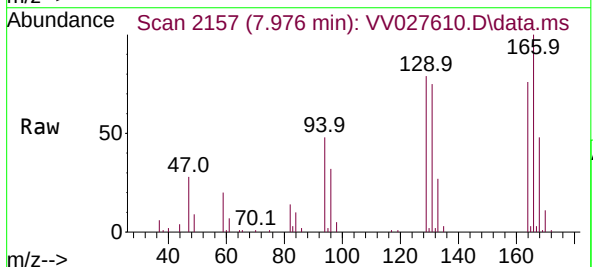
Ion Ratio Lower Upper

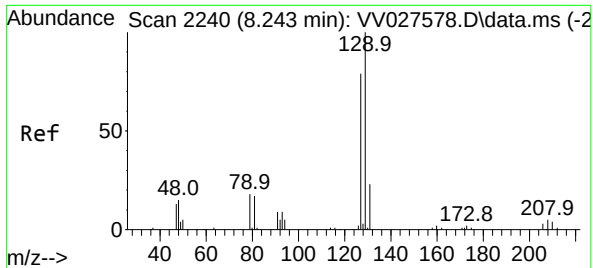
164 100

129 102.9 71.1 132.1

131 98.5 64.5 119.9

166 130.9 89.4 166.0

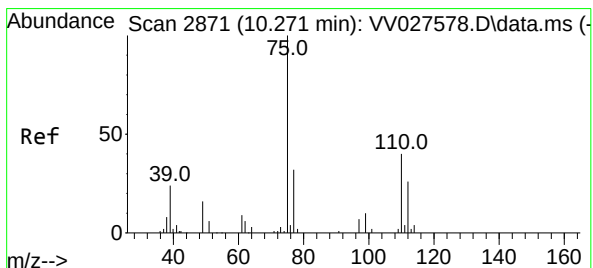
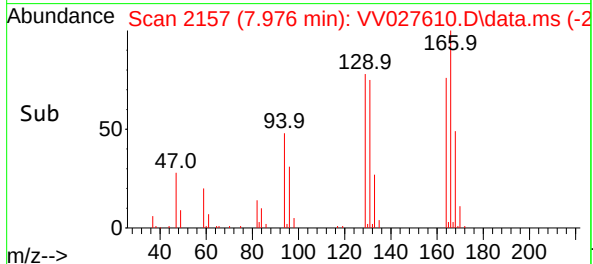
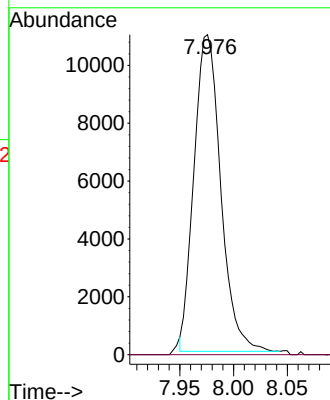
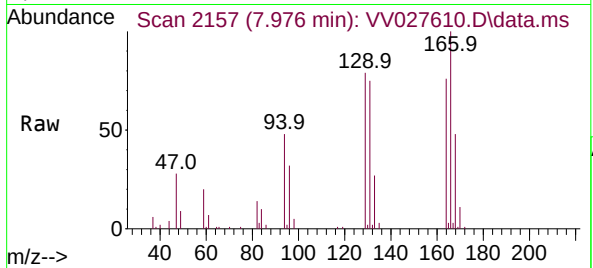




#49
Dibromochloromethane
Concen: 1.960 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

Instrument :
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Tgt Ion:129 Resp: 18930
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#



#61
1,2,3-Trichloropropane
Concen: 1.398 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV027610.D
Acq: 31 Aug 2022 01:29

Tgt Ion: 75 Resp: 6618
Ion Ratio Lower Upper
75 100
77 37.0 26.2 39.2
110 3.2 29.9 44.9#

