

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027634.D
 Acq On : 31 Aug 2022 23:05
 Operator : SY/MD
 Sample : N4366-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:15:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

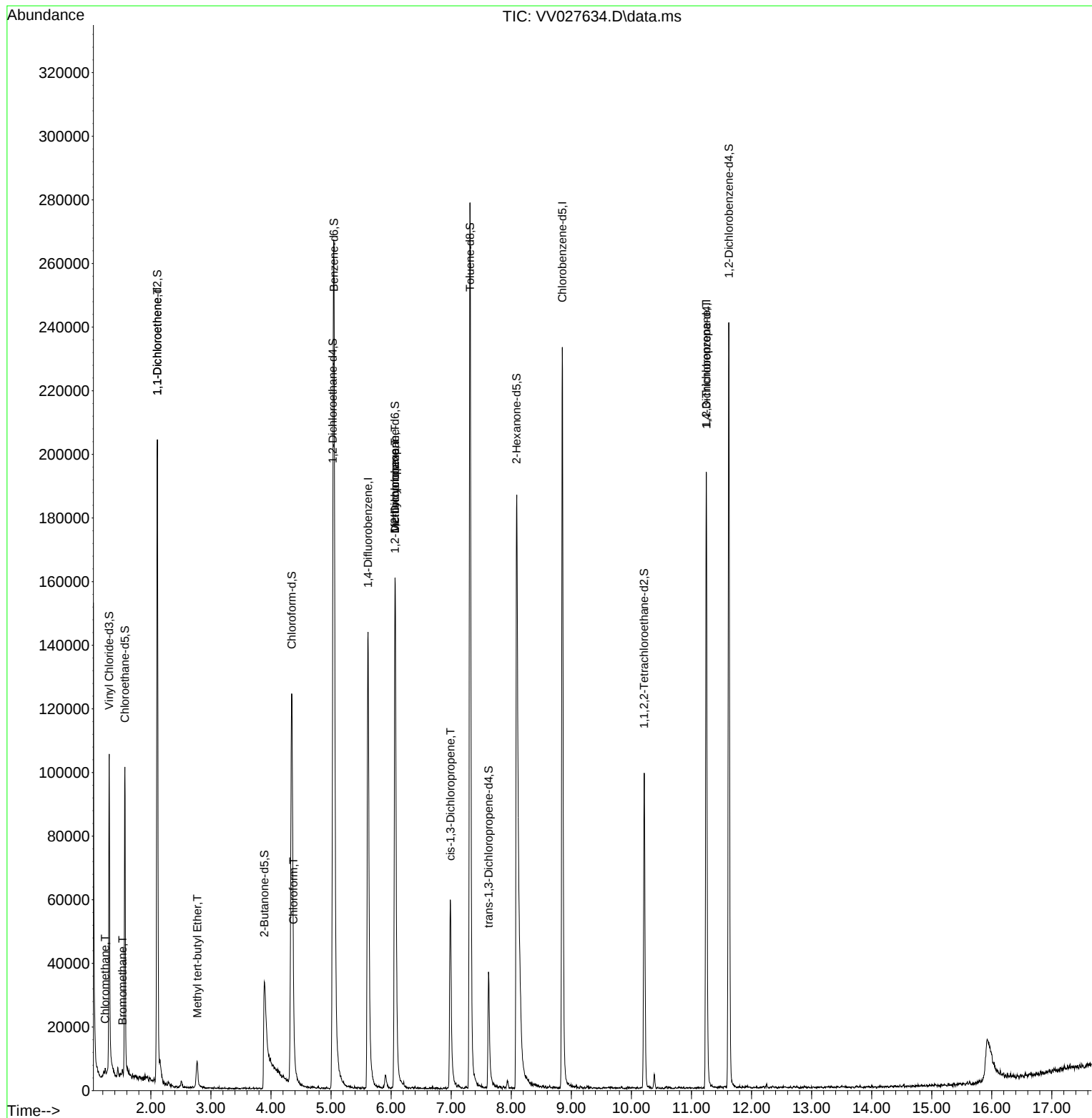
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125703	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72398	5.302	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.000%		
7) Chloroethane-d5	1.568	69	62710	5.489	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.800%		
11) 1,1-Dichloroethene-d2	2.108	63	107536	4.023	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 80.400%		
20) 2-Butanone-d5	3.889	46	72000	31.184	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 62.360%		
24) Chloroform-d	4.346	84	132696	4.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.800%		
26) 1,2-Dichloroethane-d4	5.031	65	63699	5.187	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.800%		
32) Benzene-d6	5.047	84	252950	4.870	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.400%		
36) 1,2-Dichloropropane-d6	6.066	67	78765	4.903	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.000%		
41) Toluene-d8	7.314	98	192794	4.286	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 85.800%		
43) trans-1,3-Dichloroprop...	7.622	79	22179	4.481	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.600%		
46) 2-Hexanone-d5	8.088	63	81600	43.845	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 87.680%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48419	4.684	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 93.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	59353	5.176	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.600%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	770	0.047	ug/L #	72
6) Bromomethane	1.526	94	558	0.076	ug/L	96
12) 1,1-Dichloroethene	2.108	96	1087	0.104	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	7234	0.323	ug/L #	87
25) Chloroform	4.375	83	4437	0.181	ug/L	99
35) Methylcyclohexane	6.066	83	19143	1.015	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8921	0.714	ug/L #	89
39) cis-1,3-Dichloropropene	6.989	75	1751	0.115	ug/L #	51
61) 1,2,3-Trichloropropane	11.246	75	6648	1.283	ug/L #	67

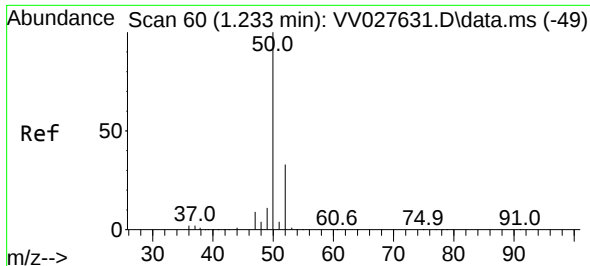
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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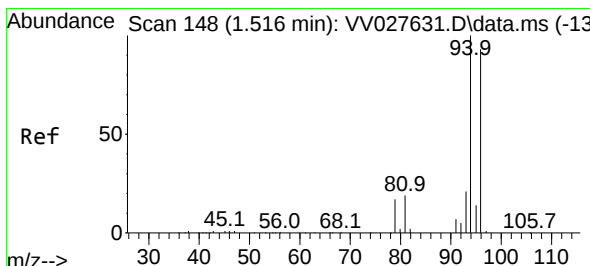
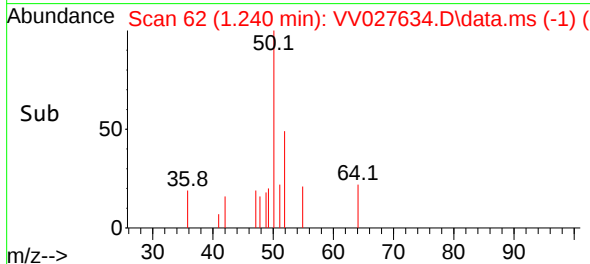
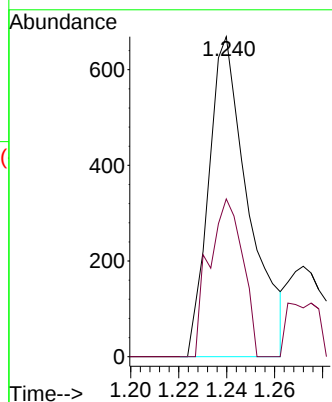
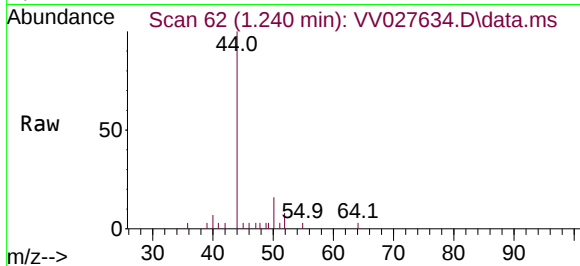




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV027634.D
Acq: 31 Aug 2022 23:05

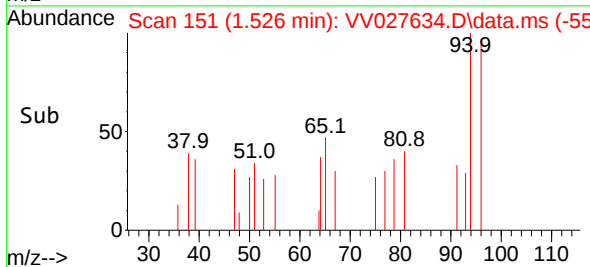
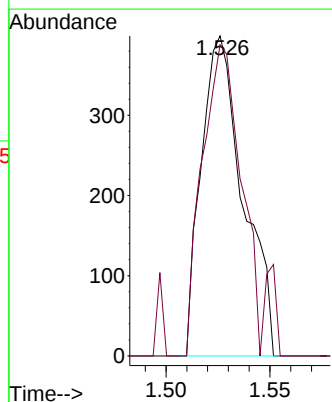
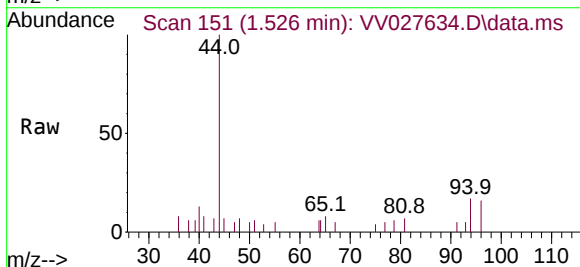
Instrument :
MSVOA_V
ClientSampleId :

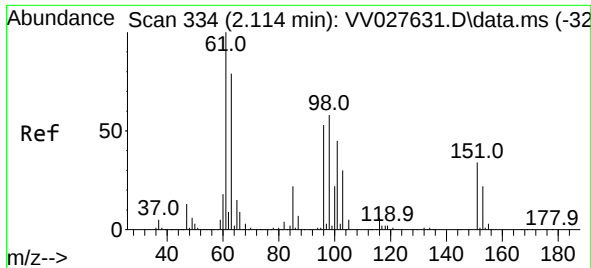
Tgt Ion: 50 Resp: 770
Ion Ratio Lower Upper
50 100
52 49.3 23.5 43.7#



#6
Bromomethane
Concen: 0.076 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.010 min
Lab File: VV027634.D
Acq: 31 Aug 2022 23:05

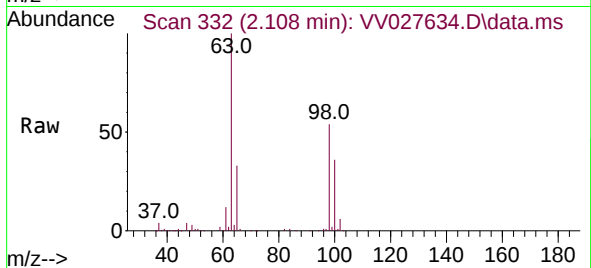
Tgt Ion: 94 Resp: 558
Ion Ratio Lower Upper
94 100
96 97.2 65.1 120.9



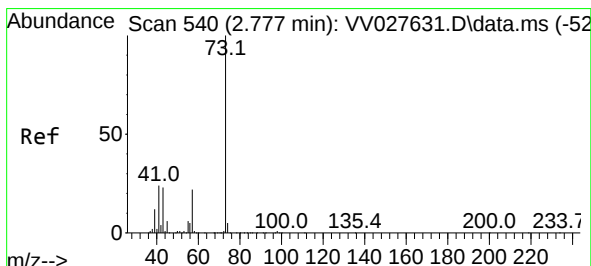
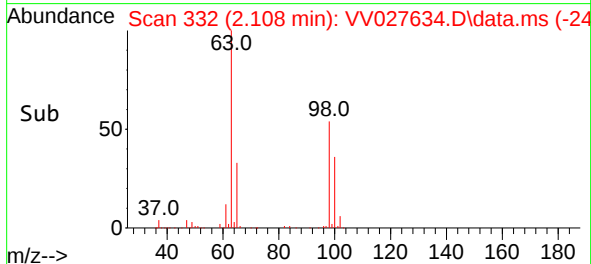
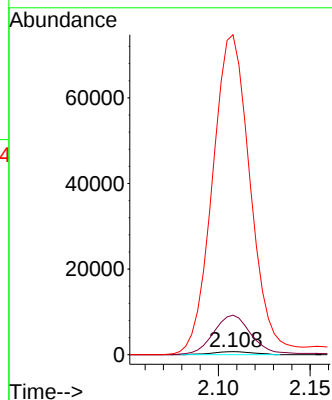


#12
 1,1-Dichloroethene
 Concen: 0.104 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV027634.D
 Acq: 31 Aug 2022 23:05

Instrument :
 MSVOA_V
 ClientSampleId :

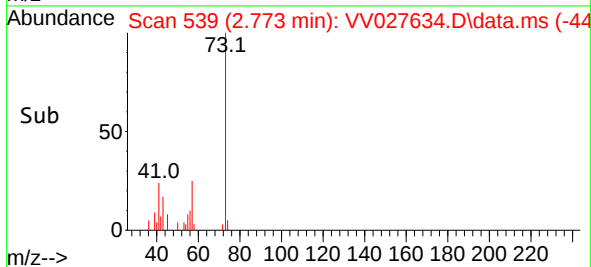
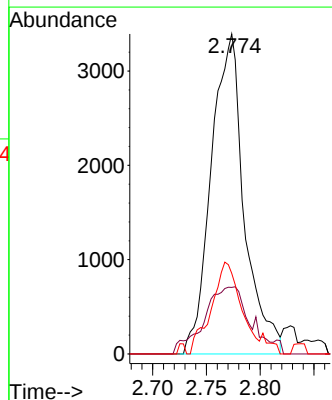
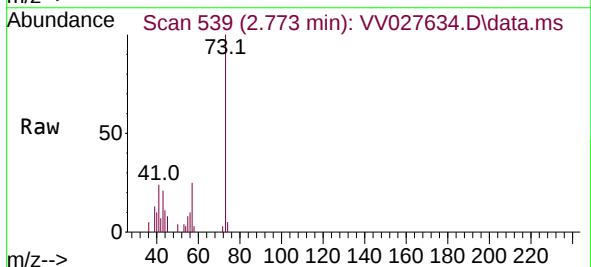


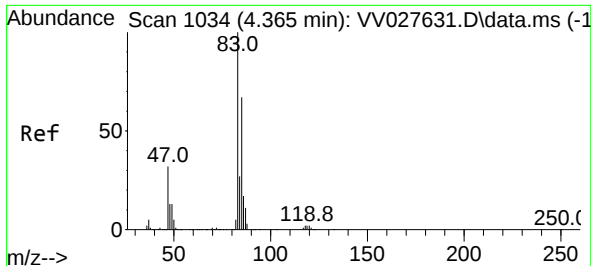
Tgt Ion: 96 Resp: 1087
 Ion Ratio Lower Upper
 96 100
 61 1313.2 134.3 249.3#
 63 10632.1 105.7 196.3#



#17
 Methyl tert-butyl Ether
 Concen: 0.323 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. -0.003 min
 Lab File: VV027634.D
 Acq: 31 Aug 2022 23:05

Tgt Ion: 73 Resp: 7234
 Ion Ratio Lower Upper
 73 100
 43 29.7 16.5 24.7#
 57 25.8 18.2 27.2





#25

Chloroform

Concen: 0.181 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027634.D

Acq: 31 Aug 2022 23:05

Instrument :

MSVOA_V

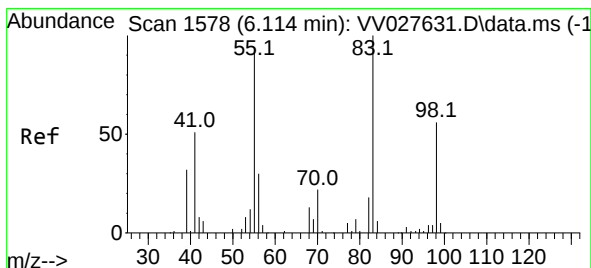
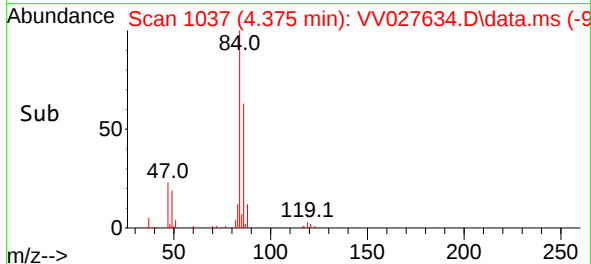
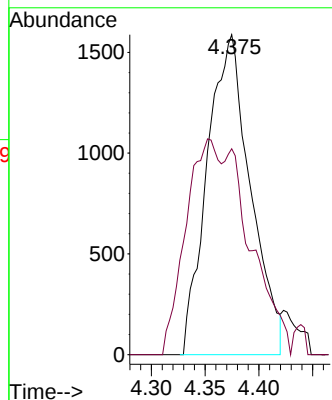
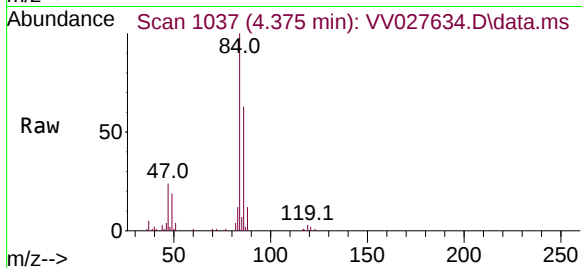
ClientSampleId :

Tgt Ion: 83 Resp: 4437

Ion Ratio Lower Upper

83 100

85 64.4 44.7 83.1



#35

Methylcyclohexane

Concen: 1.015 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.048 min

Lab File: VV027634.D

Acq: 31 Aug 2022 23:05

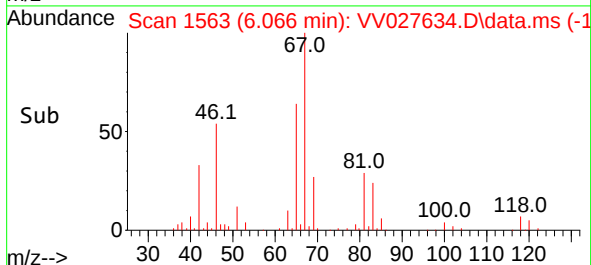
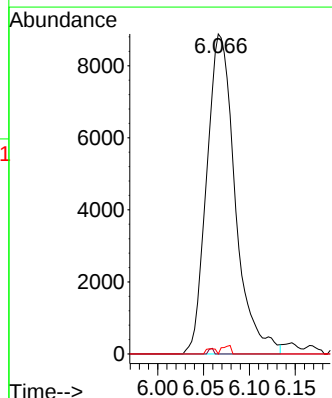
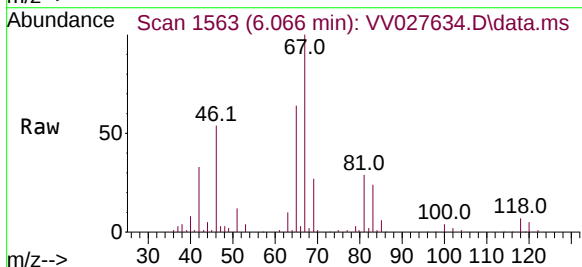
Tgt Ion: 83 Resp: 19143

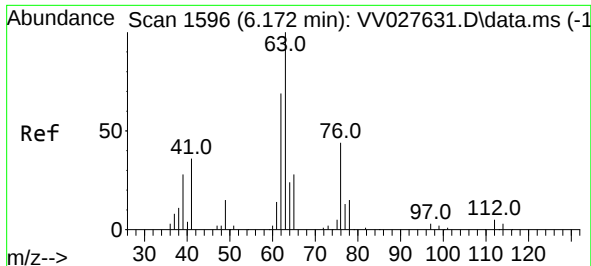
Ion Ratio Lower Upper

83 100

55 0.3 66.0 99.0#

98 0.5 36.9 55.3#

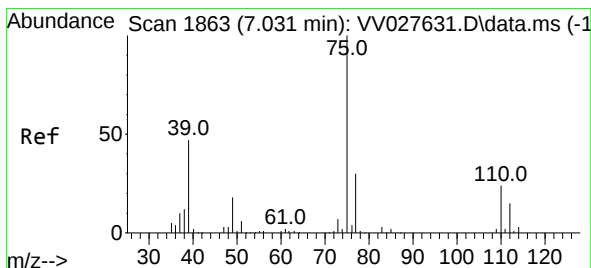
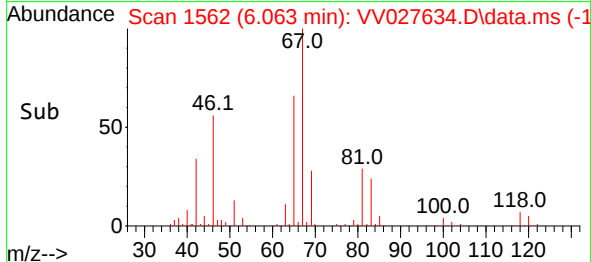
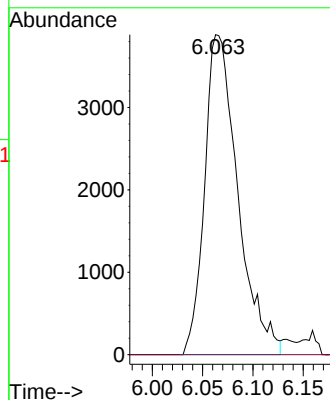
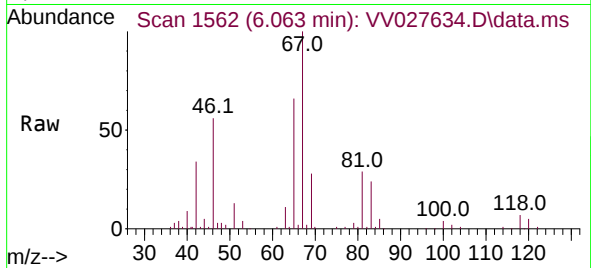




#37
1,2-Dichloropropane
Concen: 0.714 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.109 min
Lab File: VV027634.D
Acq: 31 Aug 2022 23:05

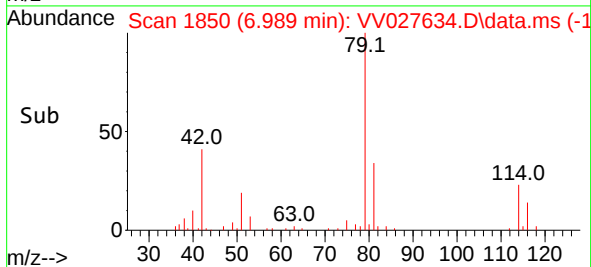
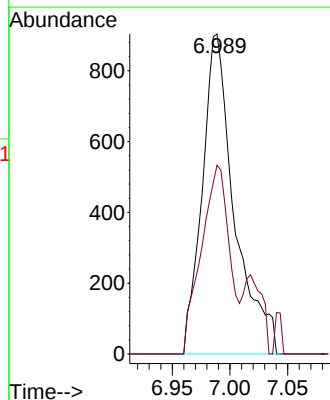
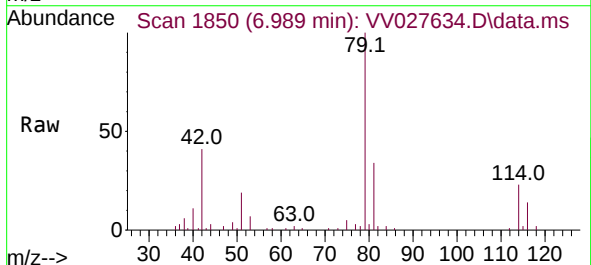
Instrument :
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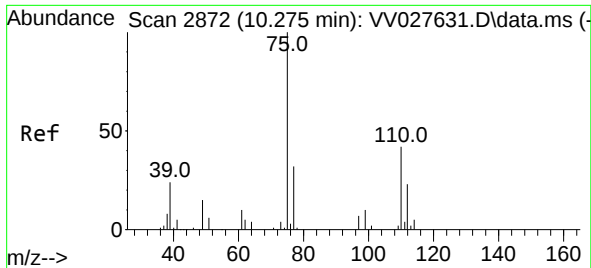
Tgt Ion: 63 Resp: 8921
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#39
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV027634.D
Acq: 31 Aug 2022 23:05

Tgt Ion: 75 Resp: 1751
Ion Ratio Lower Upper
75 100
77 59.0 22.3 41.3#





#61

1,2,3-Trichloropropane

Concen: 1.283 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

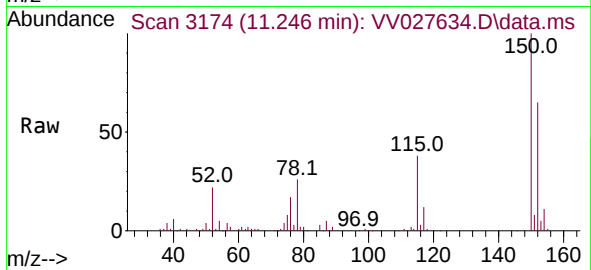
Lab File: VV027634.D

Acq: 31 Aug 2022 23:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6648

Ion Ratio Lower Upper

75 100

77 33.7 25.8 38.6

110 1.4 29.8 44.8#

