

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027833.D
 Acq On : 14 Sep 2022 17:10
 Operator : SY/MD
 Sample : N4618-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E24

Quant Time: Sep 15 02:52:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

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

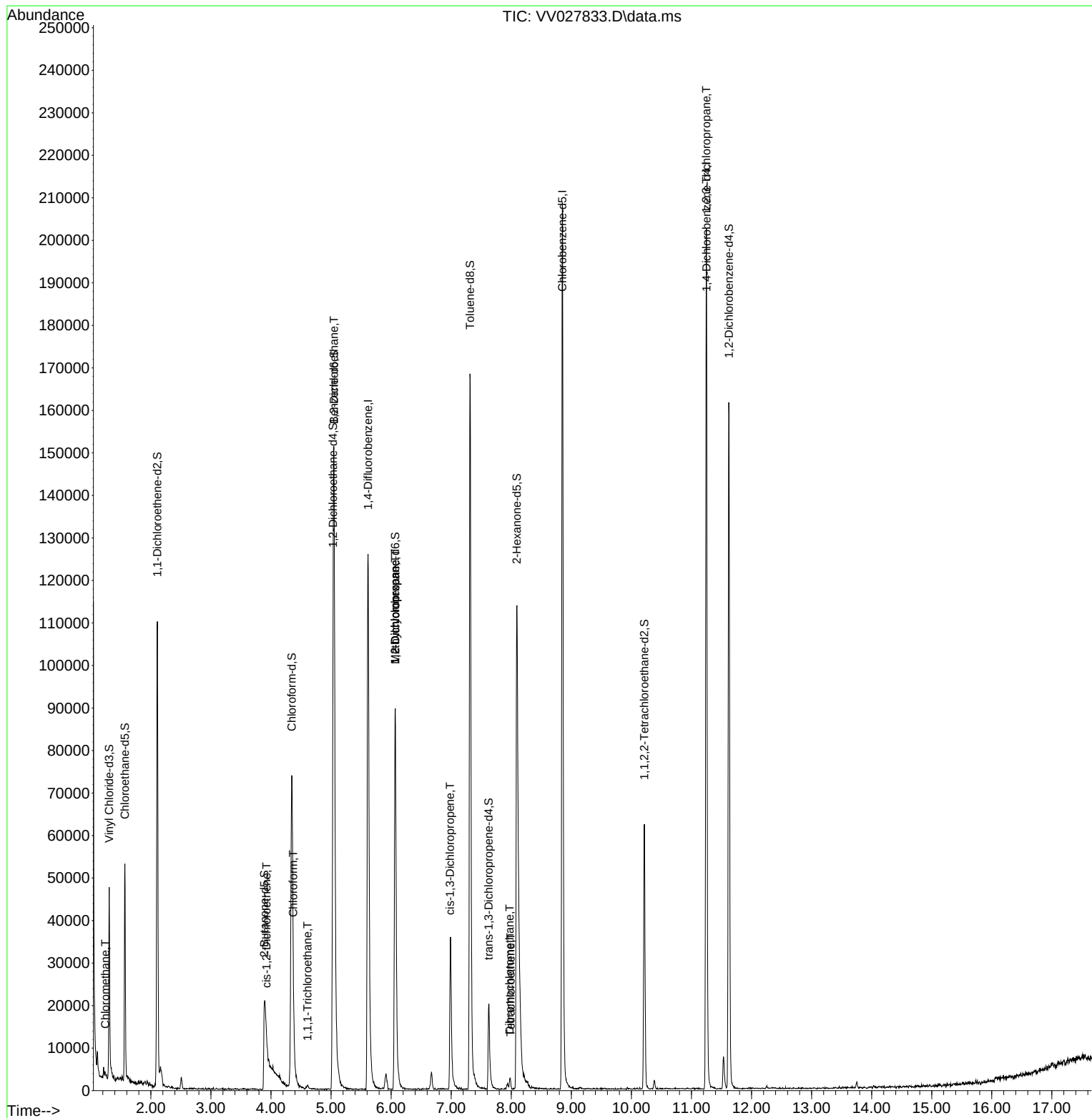
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121756	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123146	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32889	4.098	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.568	69	33049	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.108	63	56004	3.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.889	46	49885	28.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	56.100%
24) Chloroform-d	4.346	84	78191	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.034	65	40604	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.050	84	145821	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.069	67	41431	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.313	98	118968	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.625	79	13607	3.878	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.092	63	51289	39.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28018	4.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	45165	4.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	604	0.056	ug/L	93
22) cis-1,2-Dichloroethene	3.925	96	641	0.069	ug/L #	53
25) Chloroform	4.371	83	4220	0.238	ug/L	99
27) 1,2-Dichloroethane	5.050	62	751	0.070	ug/L #	75
29) 1,1,1-Trichloroethane	4.609	97	869	0.046	ug/L #	32
35) Methylcyclohexane	6.069	83	11800	0.755	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4967	0.515	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1015	0.083	ug/L #	75
47) Tetrachloroethene	7.989	164	662	0.081	ug/L	94
49) Dibromochloromethane	7.976	129	664	0.084	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5312	1.177	ug/L #	63

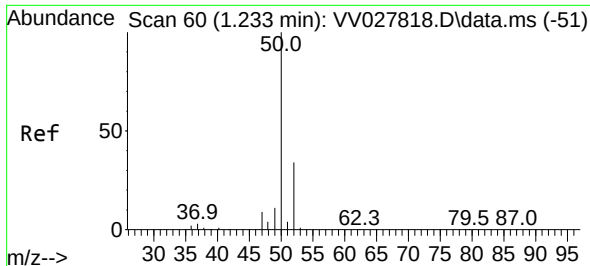
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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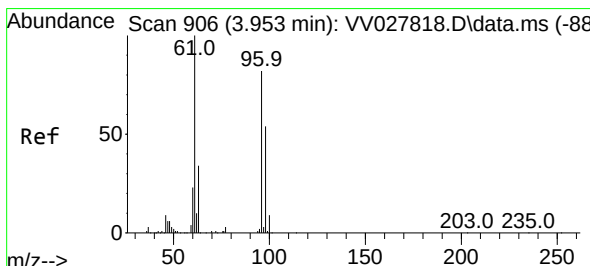
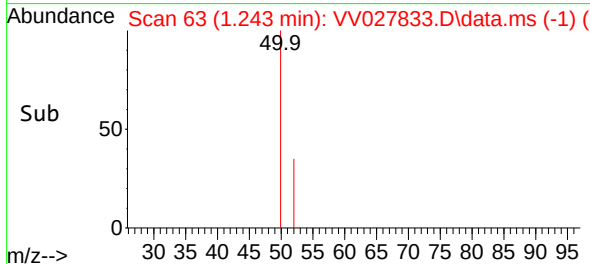
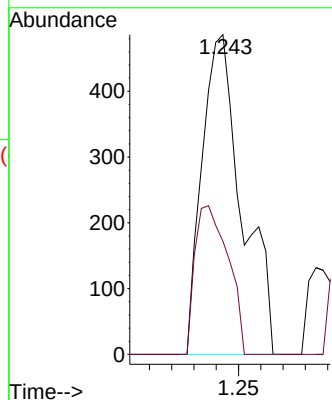
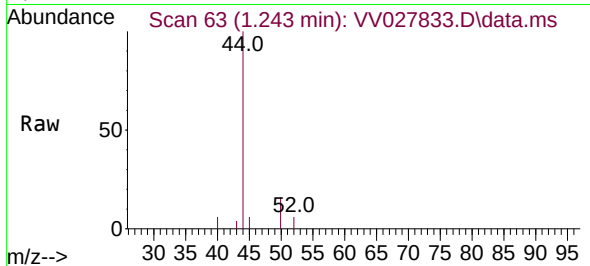




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027833.D
Acq: 14 Sep 2022 17:10

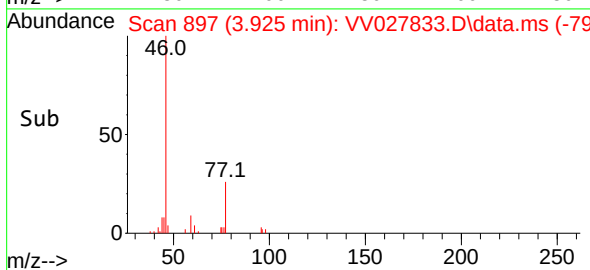
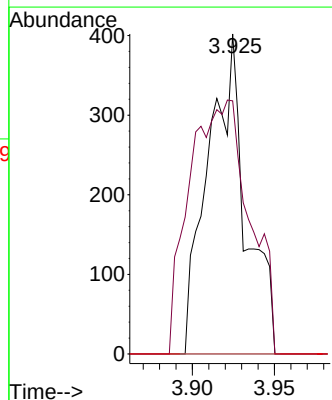
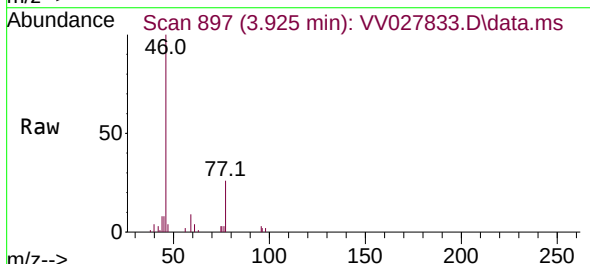
Instrument :
MSVOA_V
ClientSampleId :
C0E24

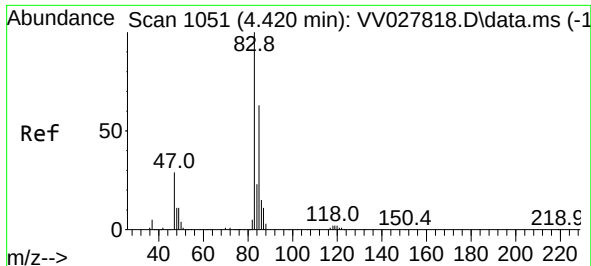
Tgt Ion: 50 Resp: 604
Ion Ratio Lower Upper
50 100
52 35.4 22.1 41.1



#22
cis-1,2-Dichloroethene
Concen: 0.069 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.019 min
Lab File: VV027833.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 96 Resp: 641
Ion Ratio Lower Upper
96 100
61 79.1 94.6 175.6#
68 0.0 0.3 0.5#





#25

Chloroform

Concen: 0.238 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV027833.D

Acq: 14 Sep 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

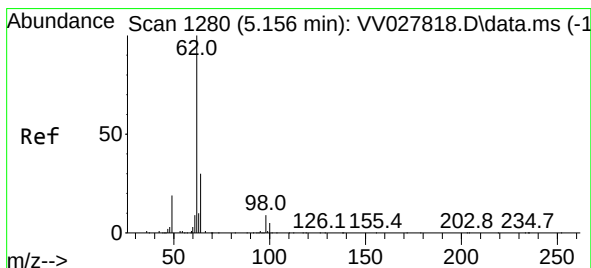
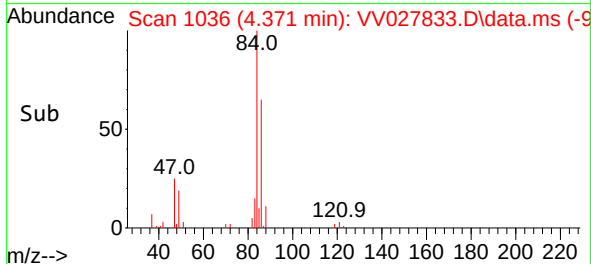
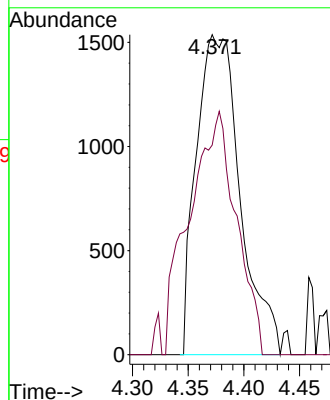
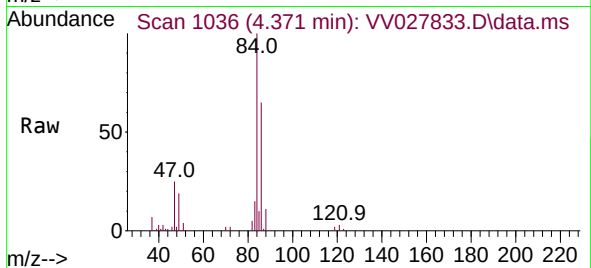
C0E24

Tgt Ion: 83 Resp: 4220

Ion Ratio Lower Upper

83 100

85 65.5 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.070 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.074 min

Lab File: VV027833.D

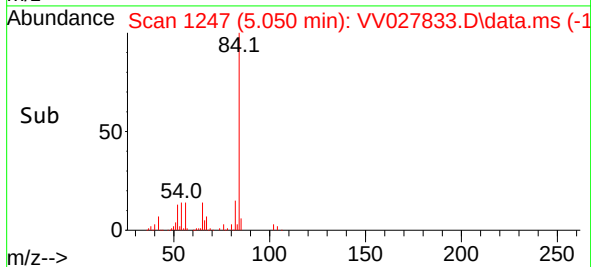
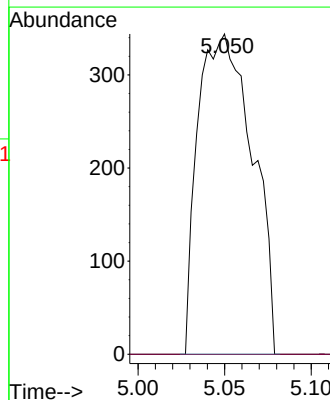
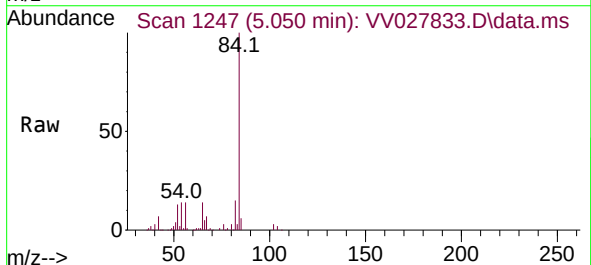
Acq: 14 Sep 2022 17:10

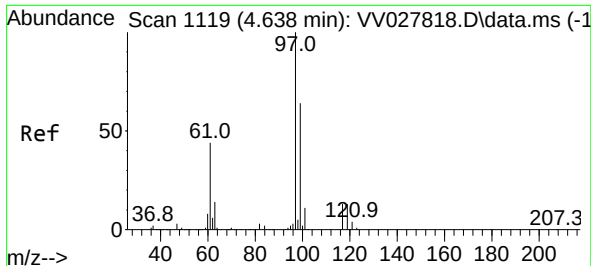
Tgt Ion: 62 Resp: 751

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#





#29

1,1,1-Trichloroethane

Concen: 0.046 ug/L

RT: 4.609 min Scan# 1119

Delta R.T. 0.006 min

Lab File: VV027833.D

Acq: 14 Sep 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

C0E24

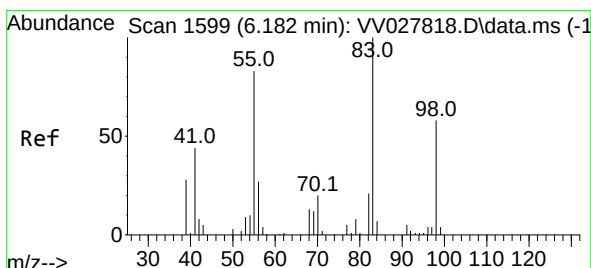
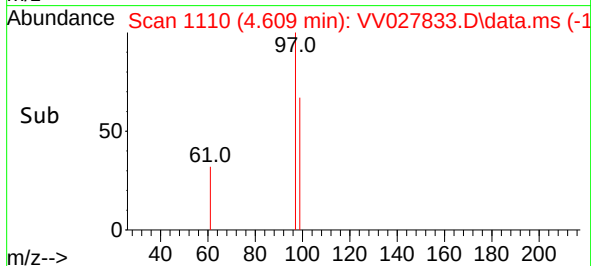
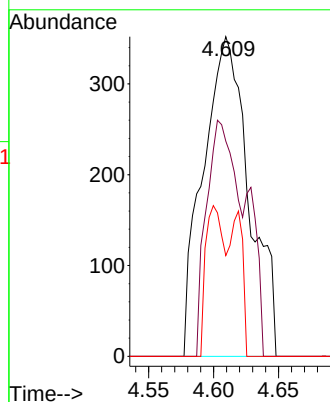
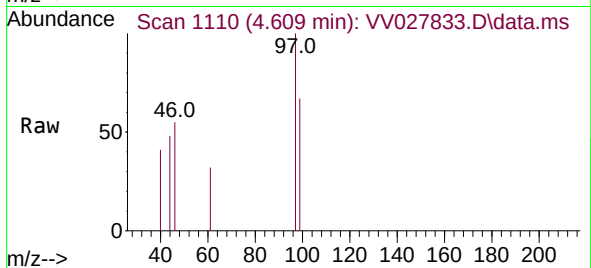
Tgt Ion: 97 Resp: 869

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

61 12.4 36.2 54.4#



#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.055 min

Lab File: VV027833.D

Acq: 14 Sep 2022 17:10

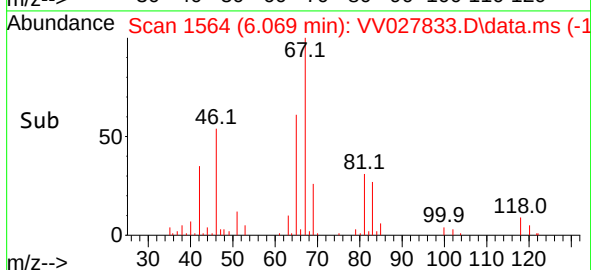
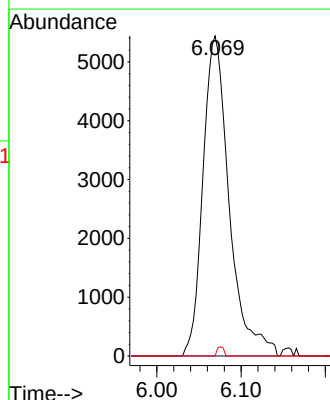
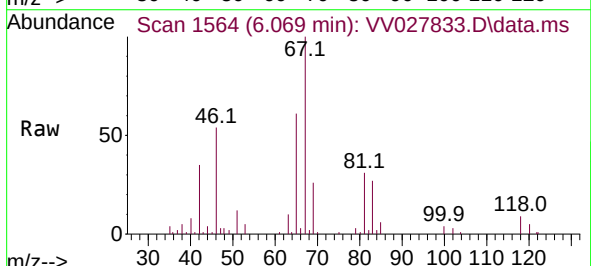
Tgt Ion: 83 Resp: 11800

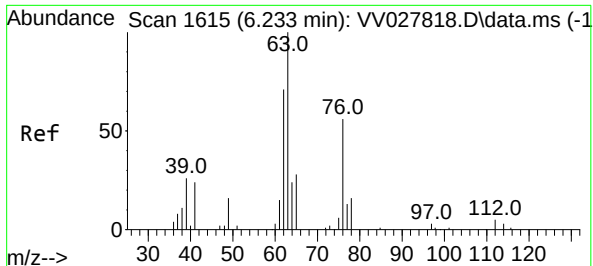
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.7 37.5 56.3#

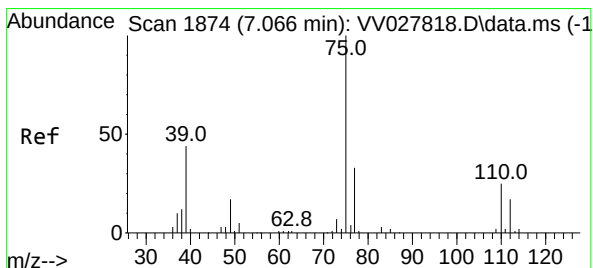
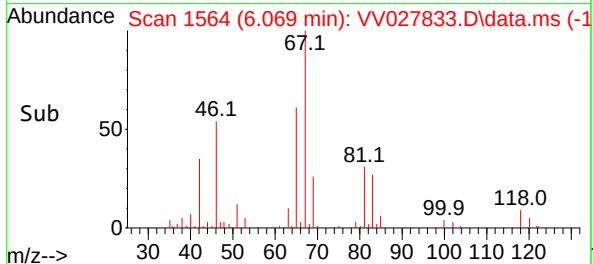
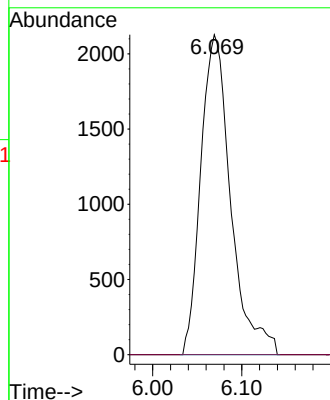
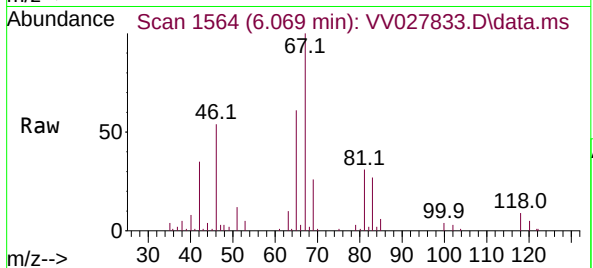




#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.096 min
Lab File: VV027833.D
Acq: 14 Sep 2022 17:10

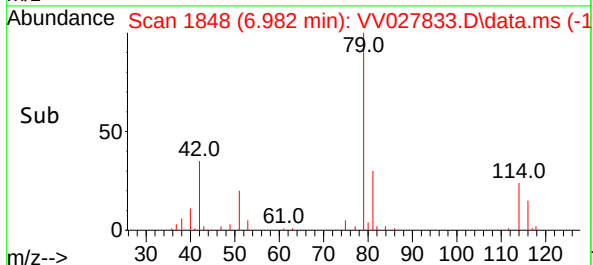
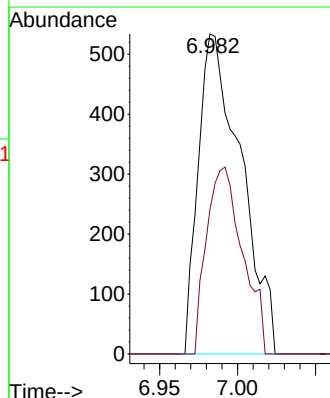
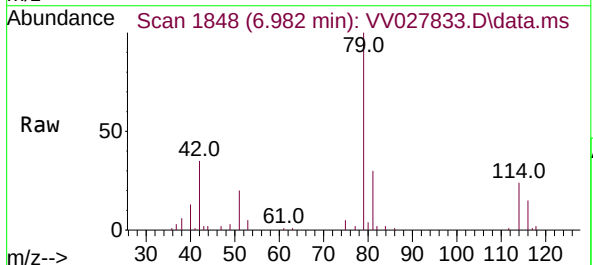
Instrument :
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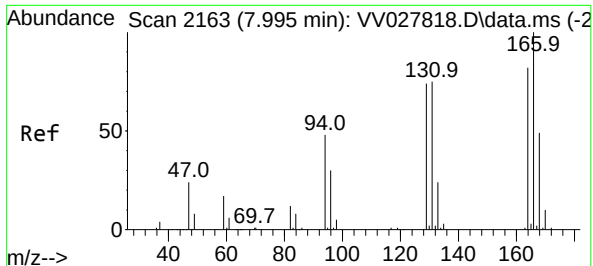
Tgt Ion: 63 Resp: 4967
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.042 min
Lab File: VV027833.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 75 Resp: 1015
Ion Ratio Lower Upper
75 100
77 45.1 22.0 40.8#





#47

Tetrachloroethene

Concen: 0.081 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. 0.016 min

Lab File: VV027833.D

Acq: 14 Sep 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

C0E24

Tgt Ion:164 Resp: 662

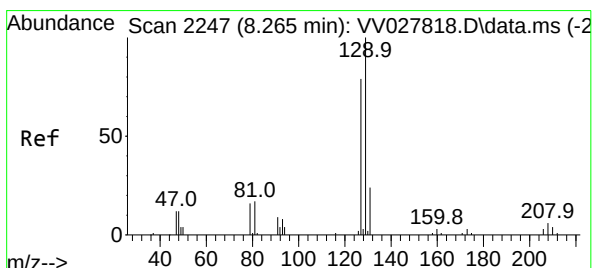
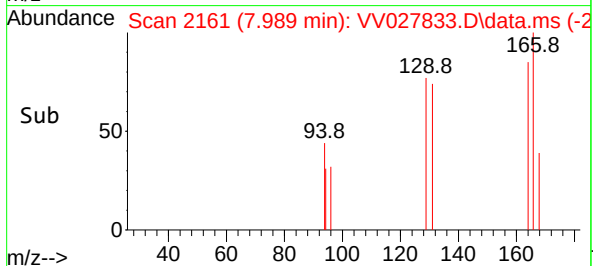
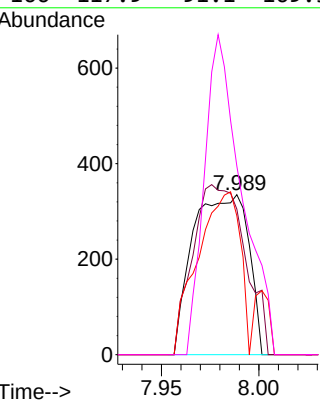
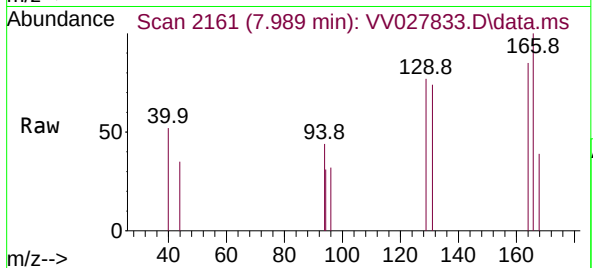
Ion Ratio Lower Upper

164 100

129 91.0 67.2 124.8

131 86.9 61.5 114.3

166 117.9 91.1 169.3



#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027833.D

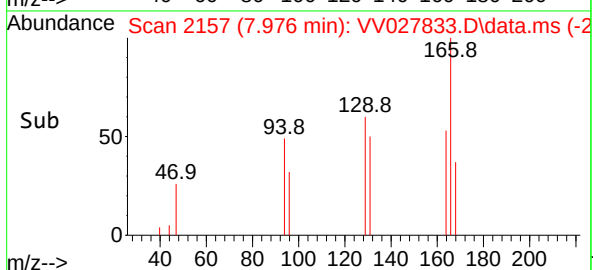
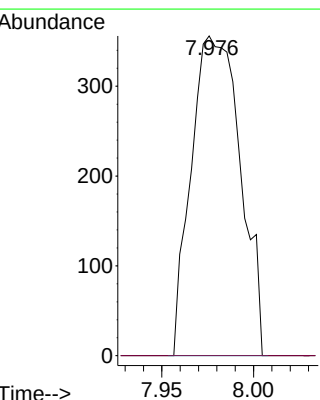
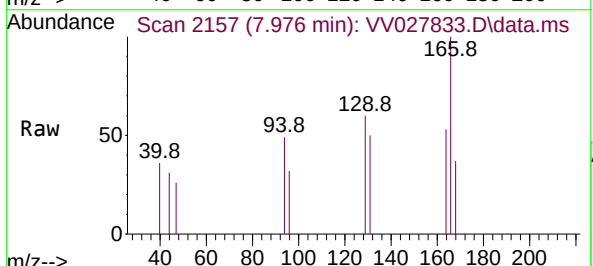
Acq: 14 Sep 2022 17:10

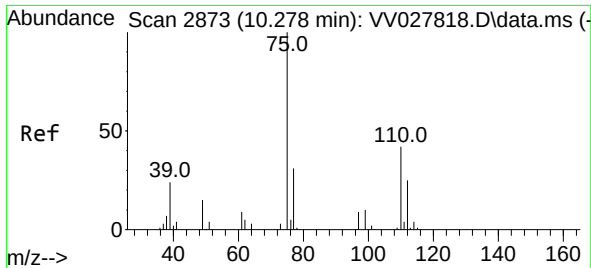
Tgt Ion:129 Resp: 664

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#





#61

1,2,3-Trichloropropane

Concen: 1.177 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV027833.D

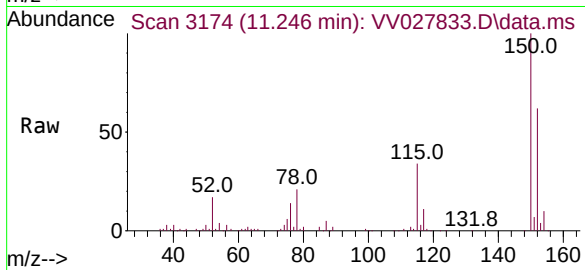
Acq: 14 Sep 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

C0E24



Tgt Ion: 75 Resp: 5312

Ion Ratio Lower Upper

75 100

77 34.4 27.6 41.4

110 1.4 35.6 53.4#

