

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027563.D
 Acq On : 29 Aug 2022 15:31
 Operator : SY/MD
 Sample : N4366-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F09

Quant Time: Aug 30 04:19:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

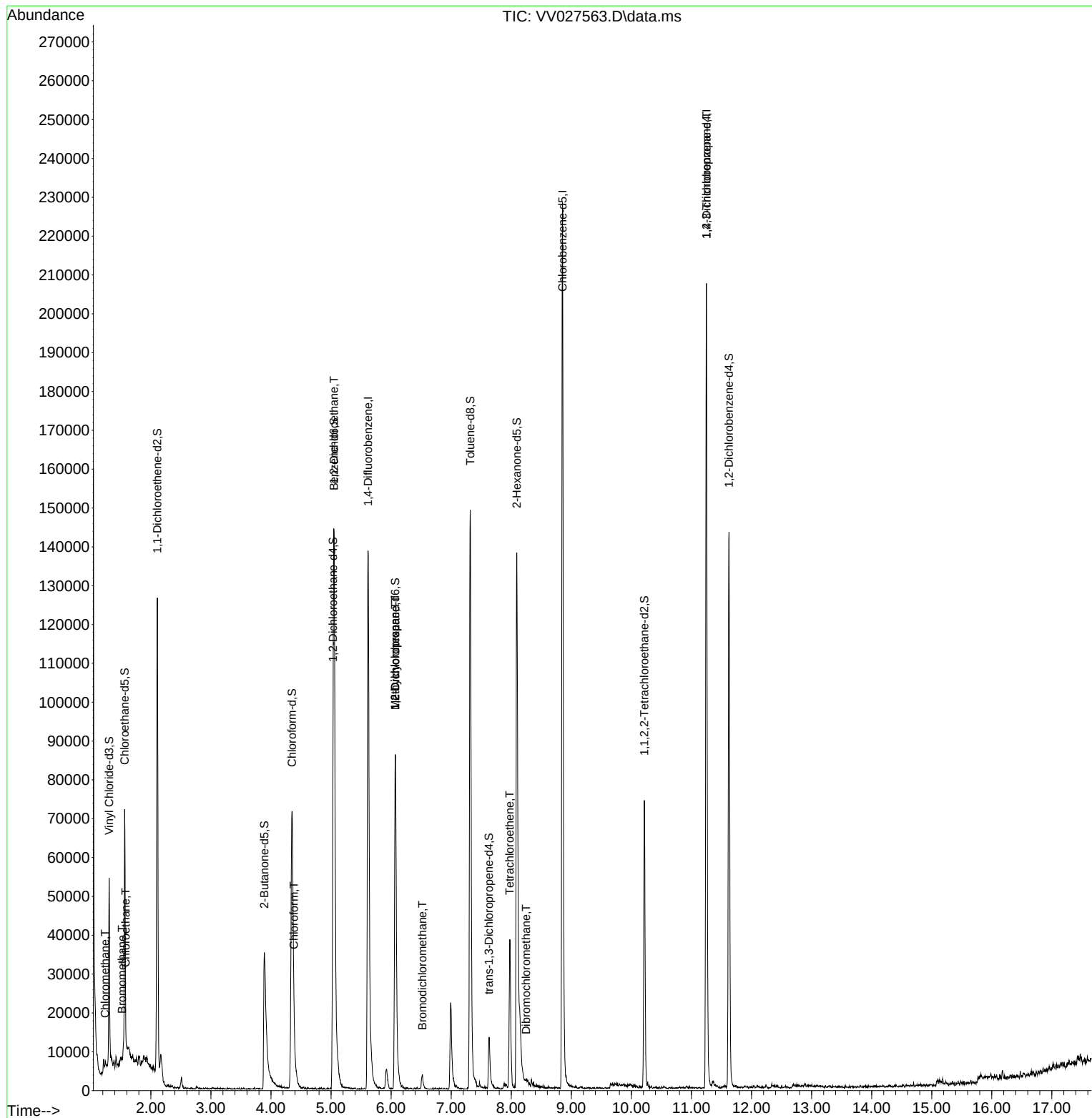
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126668	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36838	4.086	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.800%	
7) Chloroethane-d5	1.564	69	38016	5.762	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.200%	
11) 1,1-Dichloroethene-d2	2.108	63	64236	3.056	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.200%	
20) 2-Butanone-d5	3.889	46	67368	60.048	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.100%	
24) Chloroform-d	4.349	84	75385	4.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	5.034	65	37017	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.050	84	134589	3.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.200%	
36) 1,2-Dichloropropane-d6	6.069	67	43166	4.203	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.317	98	104372	3.272	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.400%#	
43) trans-1,3-Dichloroprop...	7.628	79	8618	2.450	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	49.000%#	
46) 2-Hexanone-d5	8.091	63	46764	40.395	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33857	5.176	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	36714	4.523	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	682	0.058	ug/L	91
6) Bromomethane	1.519	94	386	0.066	ug/L	95
8) Chloroethane	1.581	64	582	0.084	ug/L #	56
25) Chloroform	4.381	83	11617	0.523	ug/L	91
27) 1,2-Dichloroethane	5.047	62	966	0.086	ug/L #	74
35) Methylcyclohexane	6.069	83	10842	0.691	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	4927	0.436	ug/L #	85
38) Bromodichloromethane	6.519	83	3176	0.222	ug/L	82
47) Tetrachloroethene	7.976	164	8724	1.003	ug/L	96
49) Dibromochloromethane	8.246	129	500	0.056	ug/L #	67
61) 1,2,3-Trichloropropane	11.249	75	6435	1.340	ug/L #	69

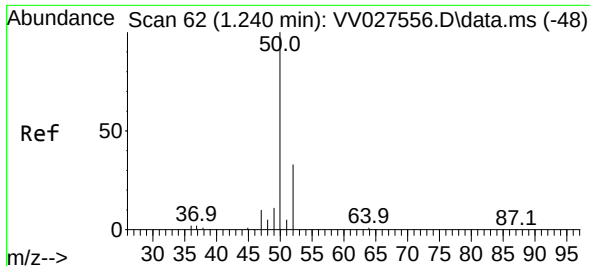
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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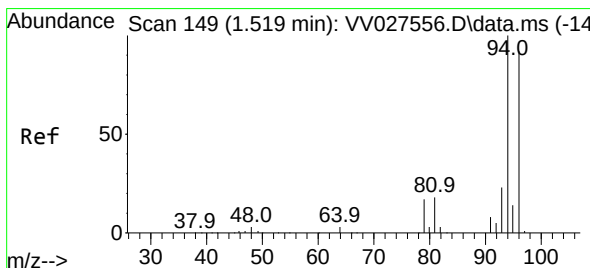
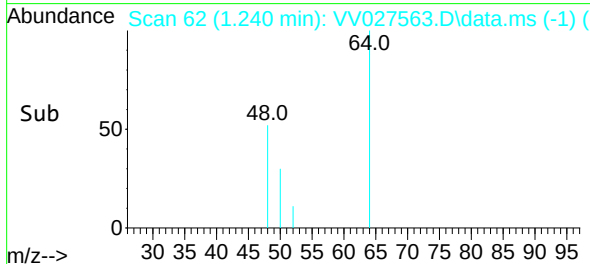
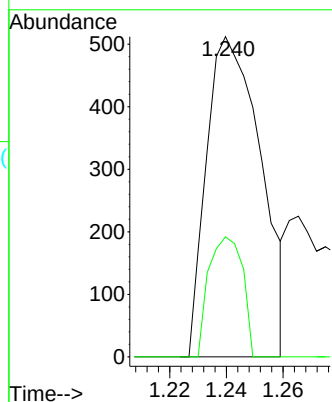
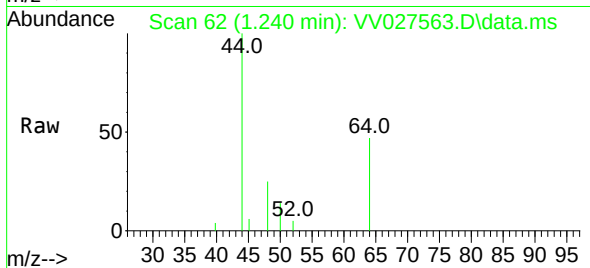




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027563.D
Acq: 29 Aug 2022 15:31

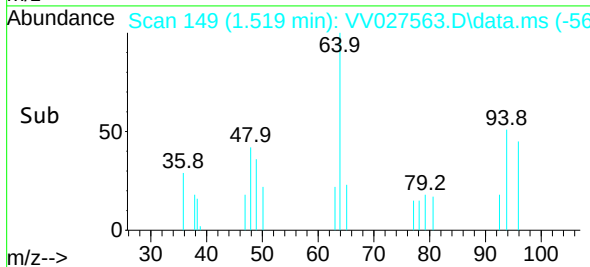
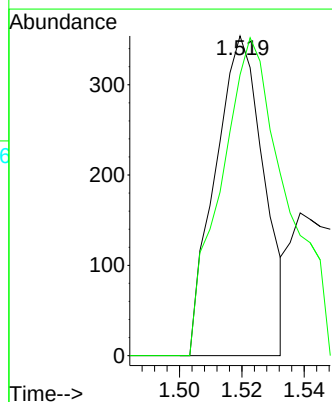
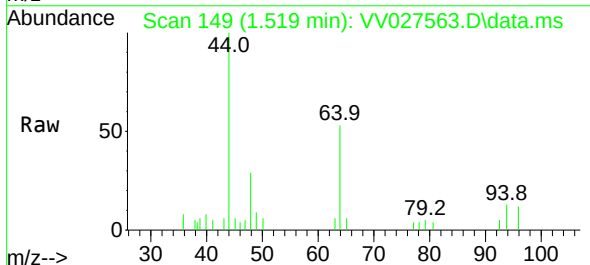
Instrument :
MSVOA_V
ClientSampleId :
F5F09

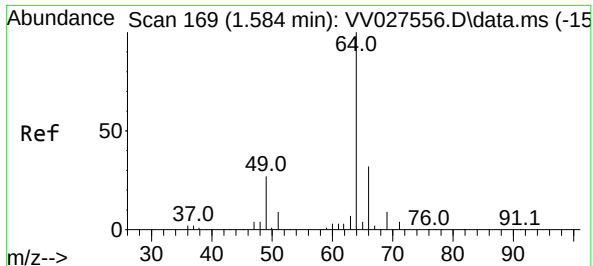
Tgt Ion: 50 Resp: 682
Ion Ratio Lower Upper
50 100
52 37.5 22.8 42.4



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027563.D
Acq: 29 Aug 2022 15:31

Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 87.9 65.2 121.0

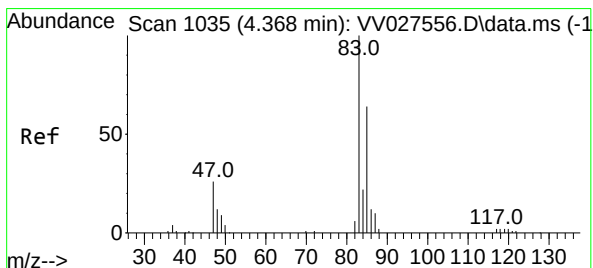
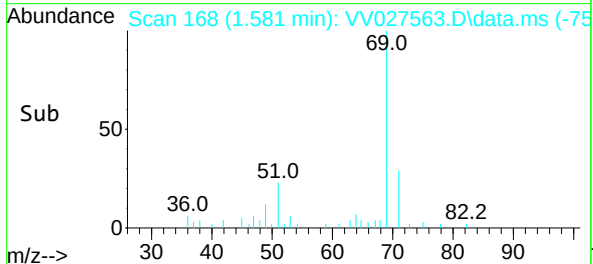
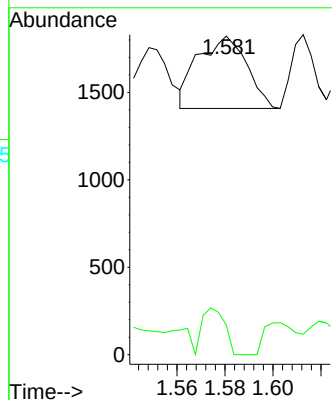
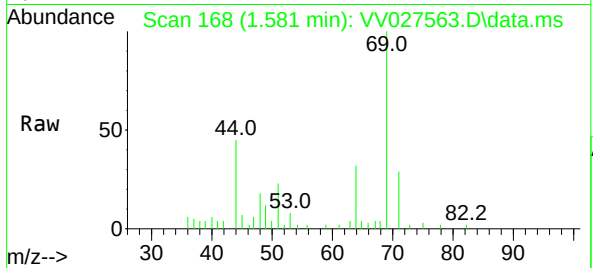




#8
Chloroethane
Concen: 0.084 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027563.D
Acq: 29 Aug 2022 15:31

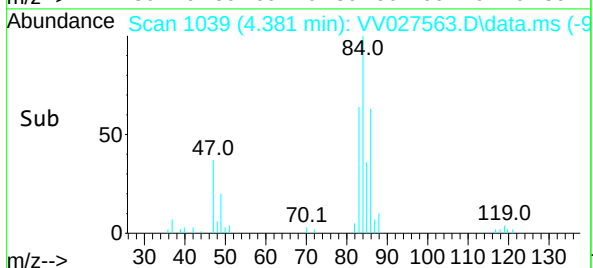
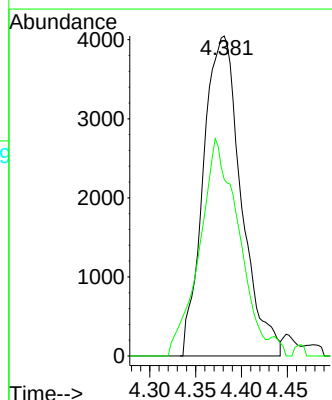
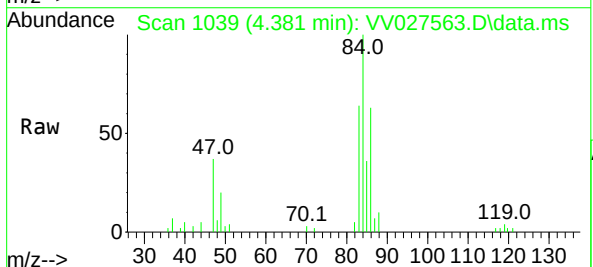
Instrument :
MSVOA_V
ClientSampleId :
F5F09

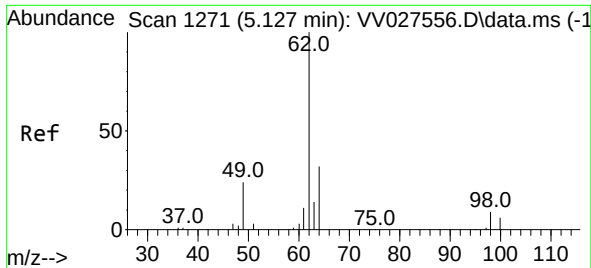
Tgt Ion: 64 Resp: 582
Ion Ratio Lower Upper
64 100
66 8.2 23.3 43.3#



#25
Chloroform
Concen: 0.523 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.016 min
Lab File: VV027563.D
Acq: 29 Aug 2022 15:31

Tgt Ion: 83 Resp: 11617
Ion Ratio Lower Upper
83 100
85 55.2 43.3 80.5

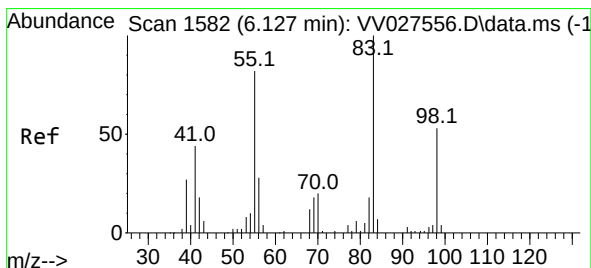
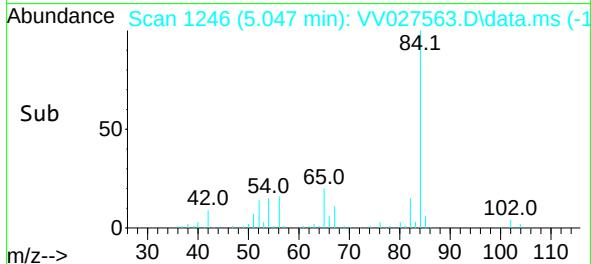
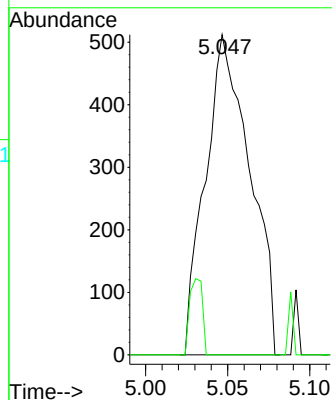
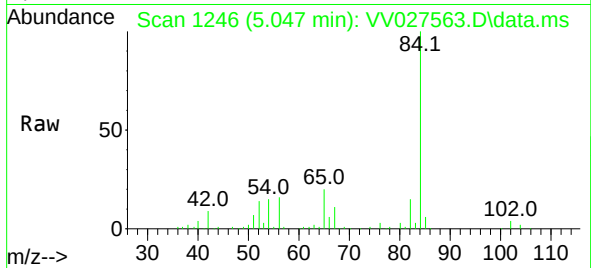




#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV027563.D
Acq: 29 Aug 2022 15:31

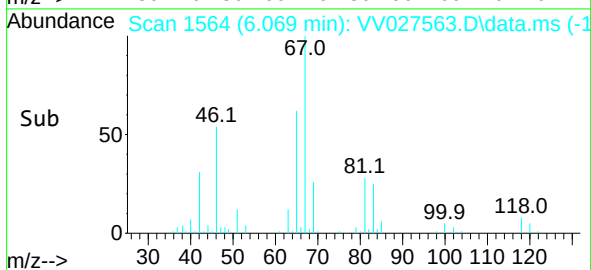
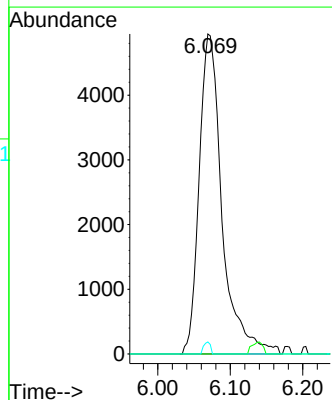
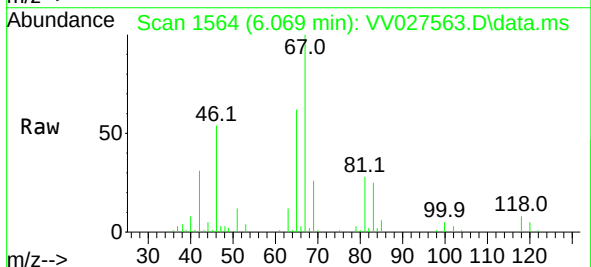
Instrument :
MSVOA_V
ClientSampleId :
F5F09

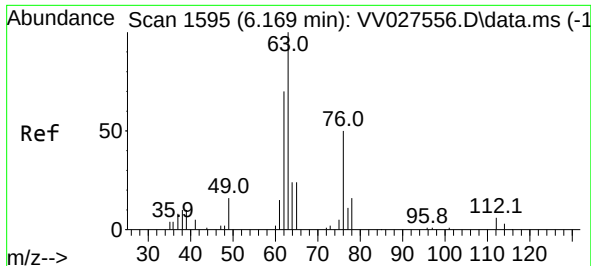
Tgt Ion: 62 Resp: 966
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#



#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027563.D
Acq: 29 Aug 2022 15:31

Tgt Ion: 83 Resp: 10842
Ion Ratio Lower Upper
83 100
55 1.8 68.2 102.4#
98 1.1 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.436 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027563.D

Acq: 29 Aug 2022 15:31

Instrument :

MSVOA_V

ClientSampleId :

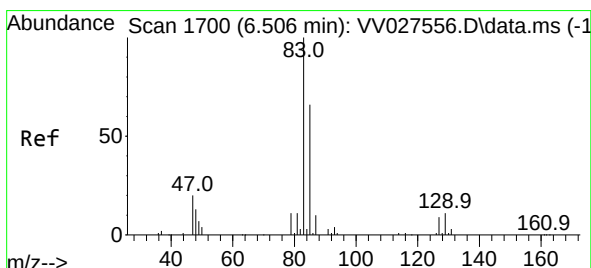
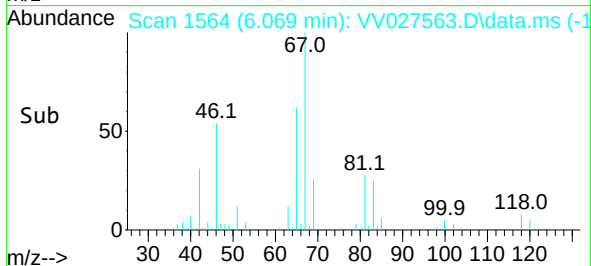
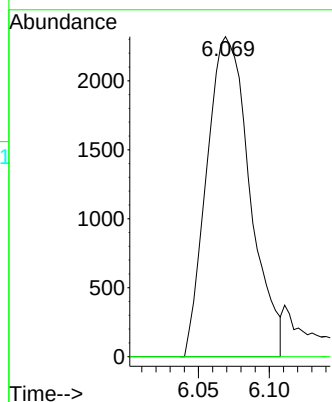
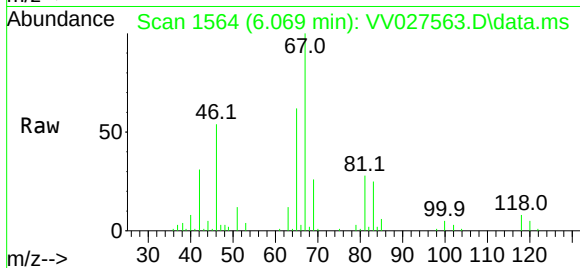
F5F09

Tgt Ion: 63 Resp: 4927

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.222 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.016 min

Lab File: VV027563.D

Acq: 29 Aug 2022 15:31

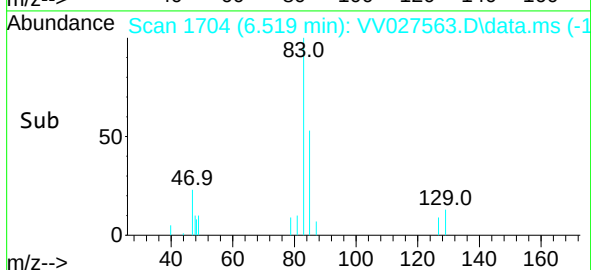
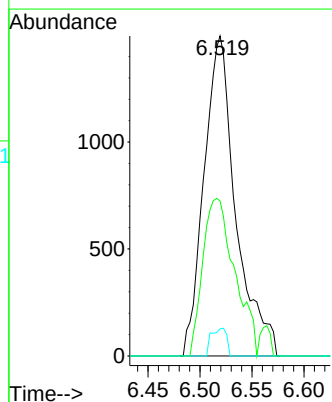
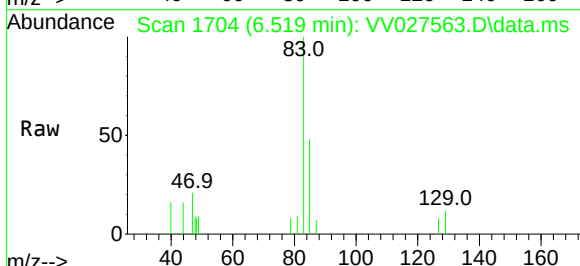
Tgt Ion: 83 Resp: 3176

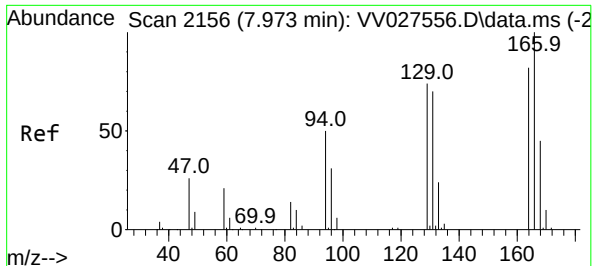
Ion Ratio Lower Upper

83 100

85 48.5 45.3 84.1

127 8.5 7.2 10.8





#47

Tetrachloroethene

Concen: 1.003 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027563.D

Acq: 29 Aug 2022 15:31

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:164 Resp: 8724

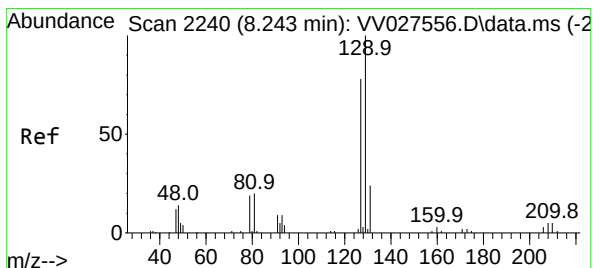
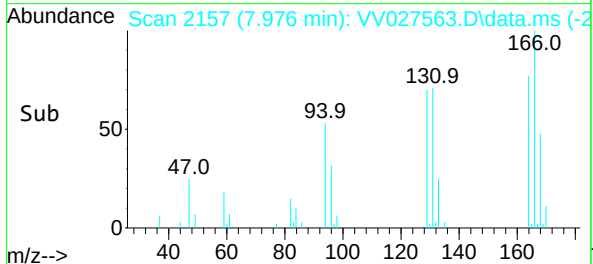
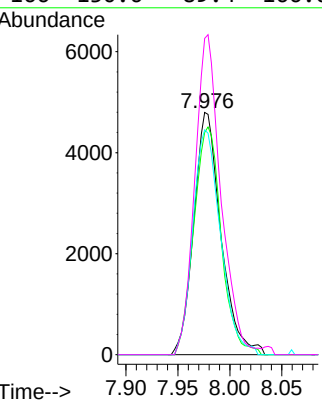
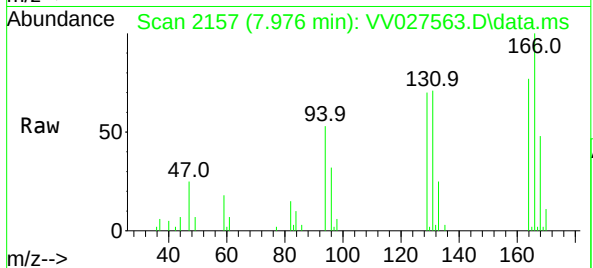
Ion Ratio Lower Upper

164 100

129 91.8 71.1 132.1

131 92.8 64.5 119.9

166 130.6 89.4 166.0



#49

Dibromochloromethane

Concen: 0.056 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV027563.D

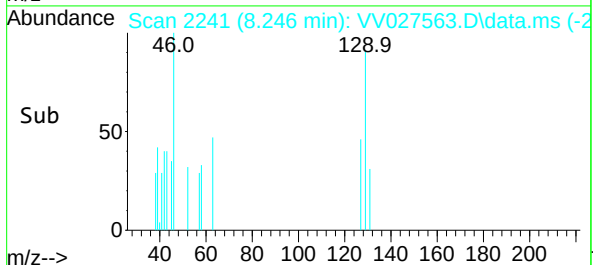
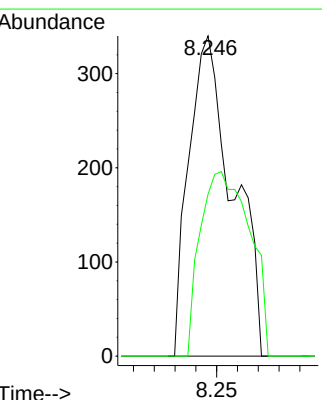
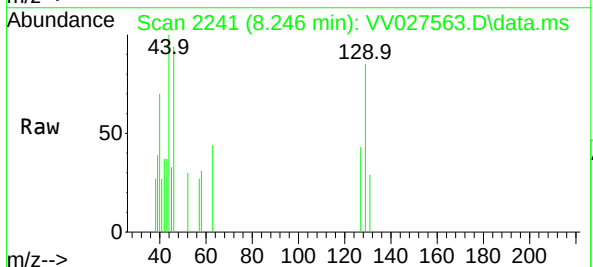
Acq: 29 Aug 2022 15:31

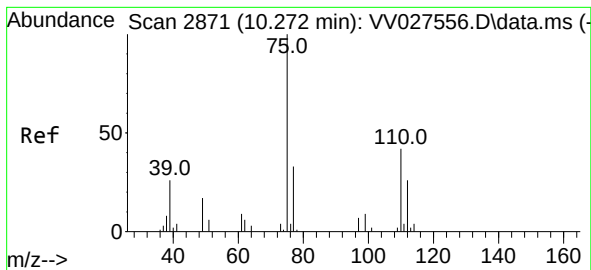
Tgt Ion:129 Resp: 500

Ion Ratio Lower Upper

129 100

127 50.6 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.340 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV027563.D

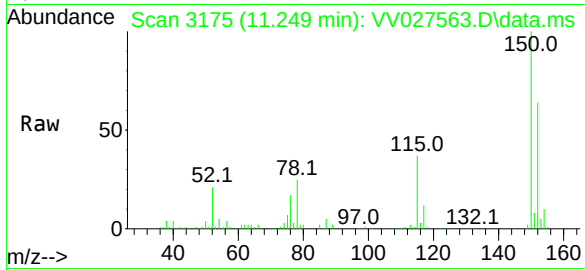
Acq: 29 Aug 2022 15:31

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 6435

Ion Ratio Lower Upper

75 100

77 30.6 26.2 39.2

110 4.8 29.9 44.9#

