

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027564.D
 Acq On : 29 Aug 2022 15:56
 Operator : SY/MD
 Sample : N4367-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F18

Quant Time: Aug 30 04:19:15 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

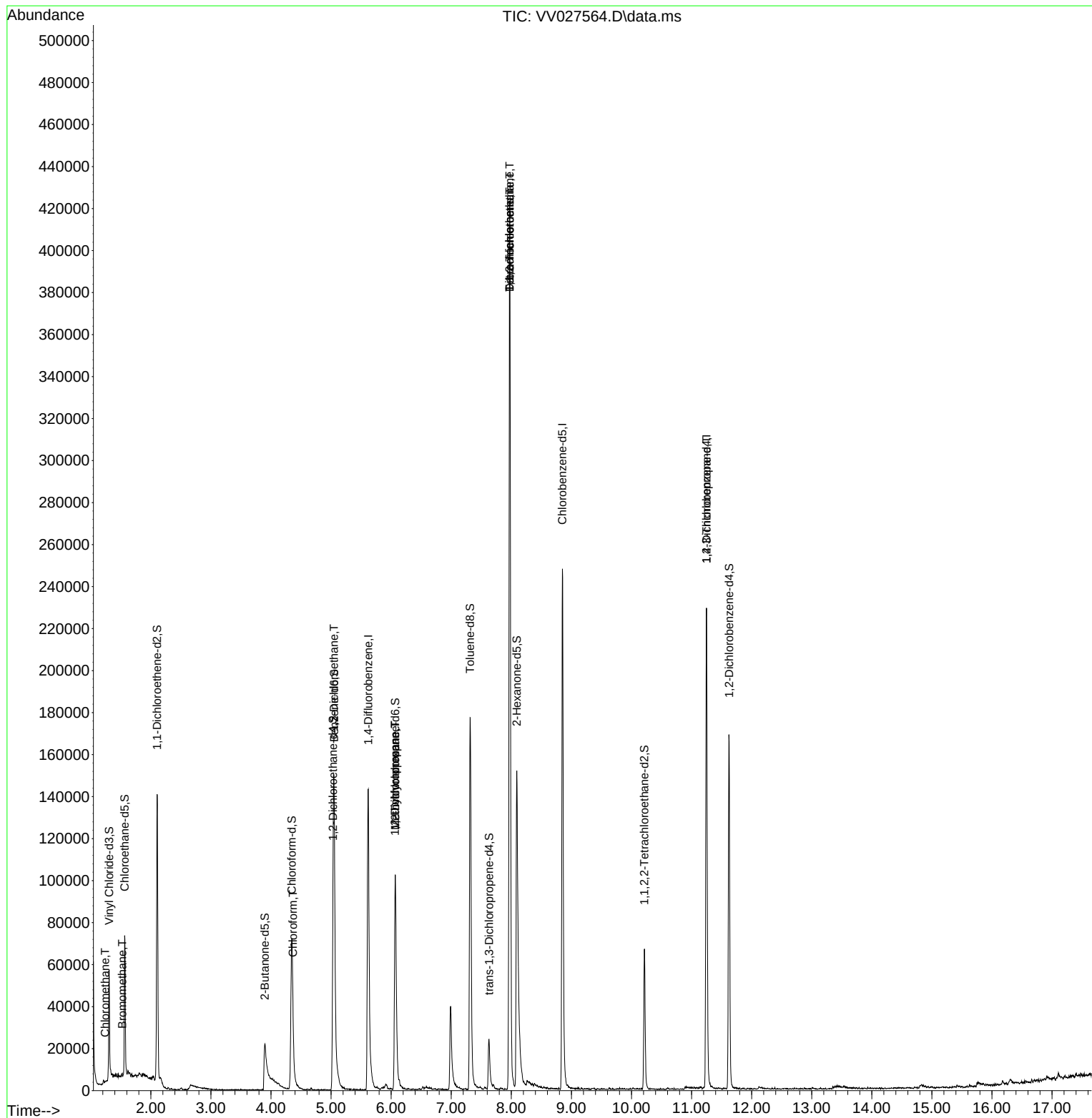
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130351	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39041	4.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.564	69	43039	6.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.800%
11) 1,1-Dichloroethene-d2	2.105	63	71215	3.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.896	46	50547	43.781	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.560%
24) Chloroform-d	4.346	84	77720	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.031	65	38654	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.050	84	143060	3.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.069	67	50268	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.313	98	129348	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.628	79	15381	4.136	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.091	63	59498	48.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32326	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	42335	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1114	0.092	ug/L #	73
6) Bromomethane	1.523	94	527	0.088	ug/L #	64
25) Chloroform	4.365	83	2549	0.111	ug/L	100
27) 1,2-Dichloroethane	5.047	62	958	0.082	ug/L #	74
35) Methylcyclohexane	6.069	83	13065	0.787	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	6026	0.504	ug/L #	85
45) 1,1,2-Trichloroethane	7.973	97	896	0.117	ug/L #	4
47) Tetrachloroethene	7.973	164	94066	10.232	ug/L	98
49) Dibromochloromethane	7.973	129	87538	9.313	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	7850	1.504	ug/L #	68

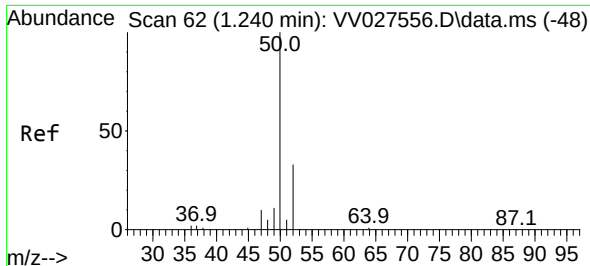
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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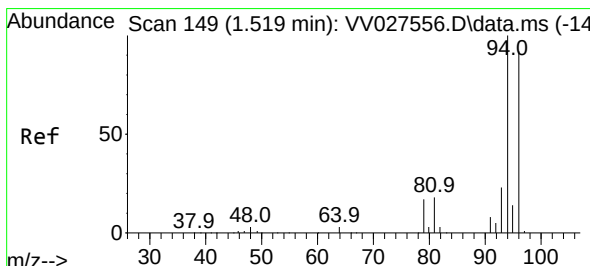
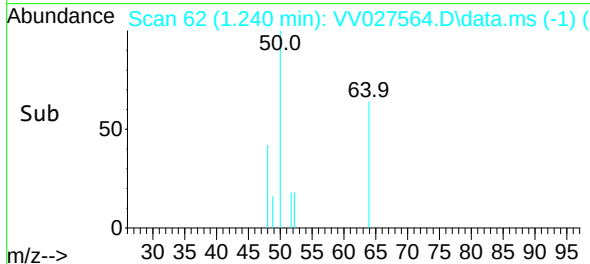
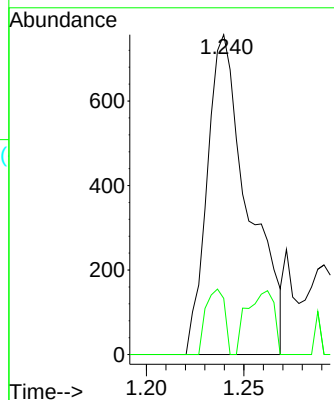
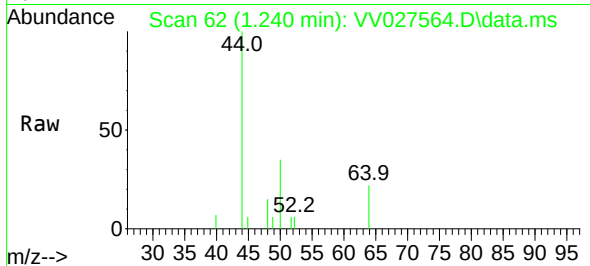




#3
Chloromethane
Concen: 0.092 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027564.D
Acq: 29 Aug 2022 15:56

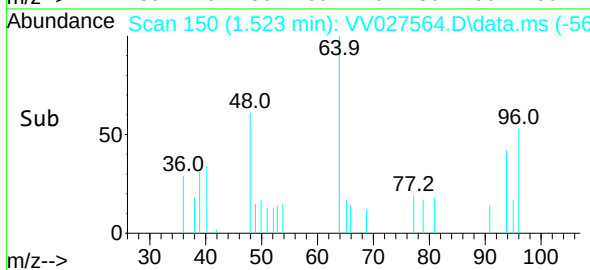
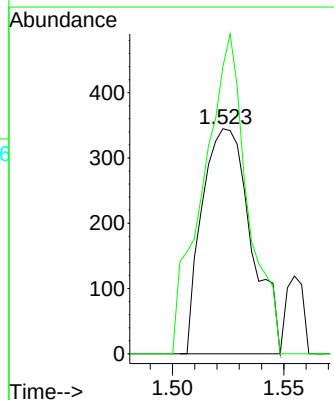
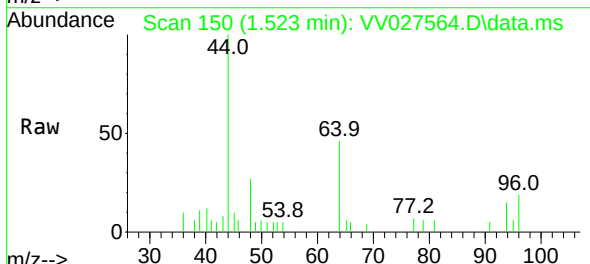
Instrument :
MSVOA_V
ClientSampleId :
F5F18

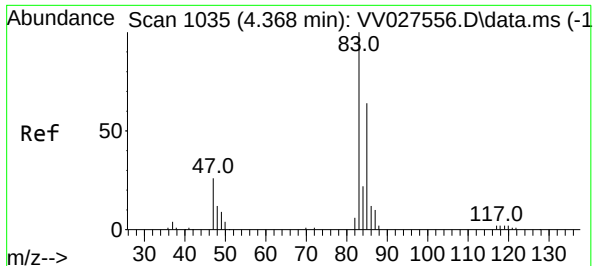
Tgt Ion: 50 Resp: 1114
Ion Ratio Lower Upper
50 100
52 17.6 22.8 42.4#



#6
Bromomethane
Concen: 0.088 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027564.D
Acq: 29 Aug 2022 15:56

Tgt Ion: 94 Resp: 527
Ion Ratio Lower Upper
94 100
96 127.5 65.2 121.0#

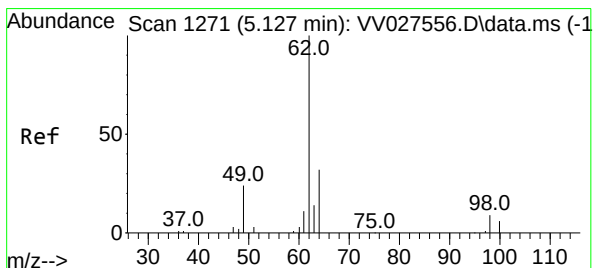
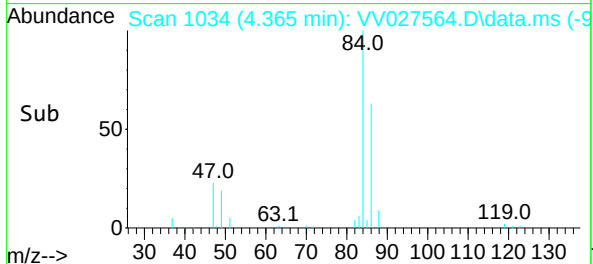
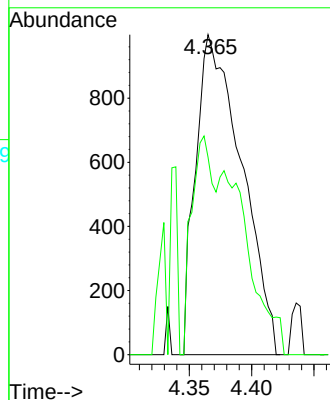
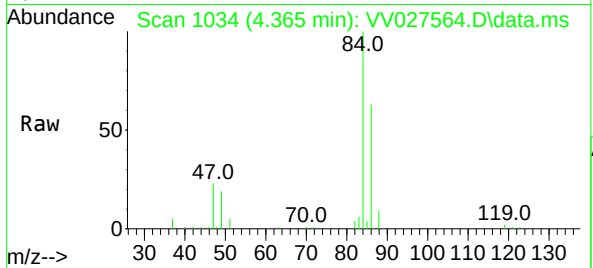




#25
Chloroform
Concen: 0.111 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV027564.D
Acq: 29 Aug 2022 15:56

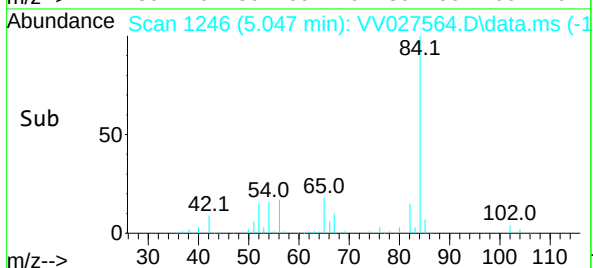
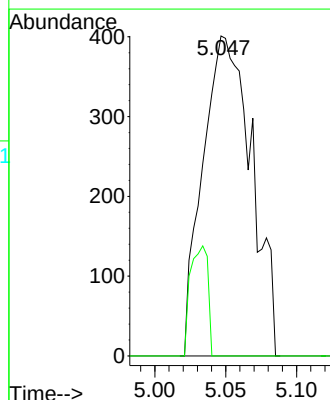
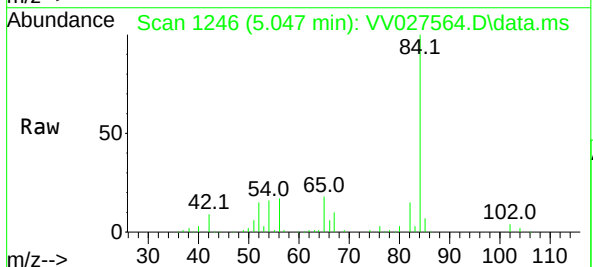
Instrument :
MSVOA_V
ClientSampleId :
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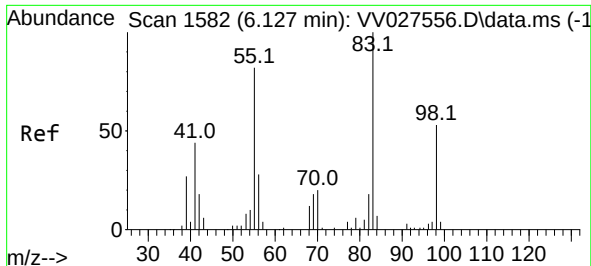
Tgt Ion: 83 Resp: 2549
Ion Ratio Lower Upper
83 100
85 61.7 43.3 80.5



#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.077 min
Lab File: VV027564.D
Acq: 29 Aug 2022 15:56

Tgt Ion: 62 Resp: 958
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#





#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV027564.D

Acq: 29 Aug 2022 15:56

Instrument :

MSVOA_V

ClientSampleId :

F5F18

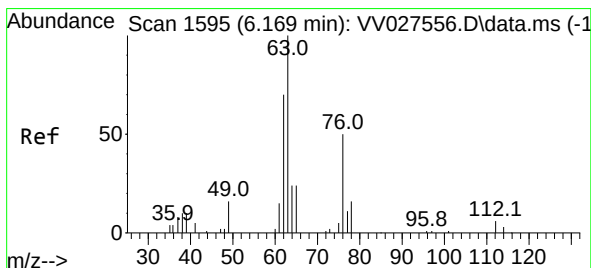
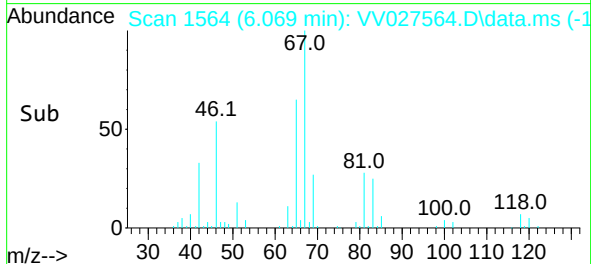
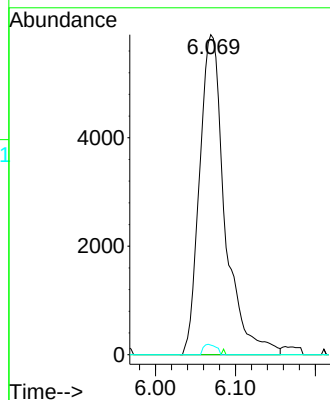
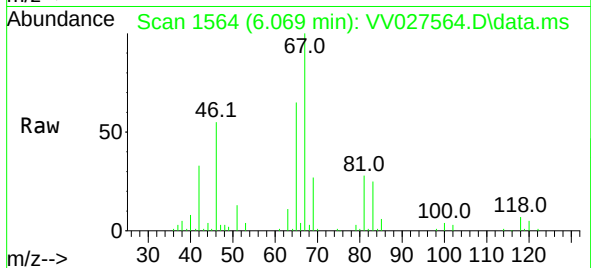
Tgt Ion: 83 Resp: 13065

Ion Ratio Lower Upper

83 100

55 0.2 68.2 102.4#

98 1.6 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.504 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV027564.D

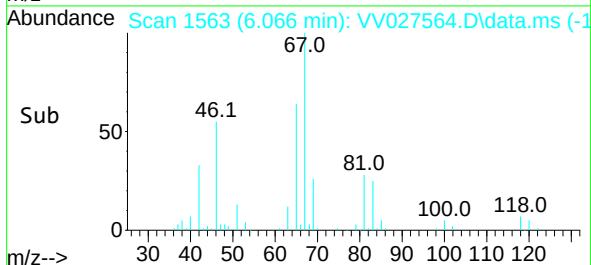
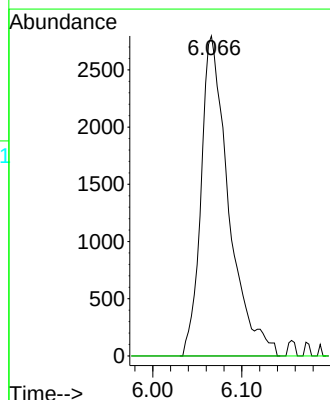
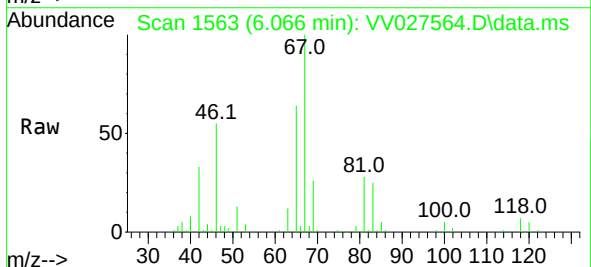
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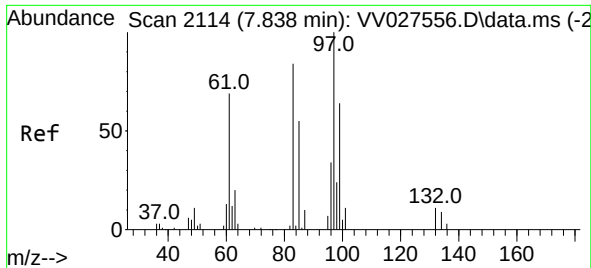
Tgt Ion: 63 Resp: 6026

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



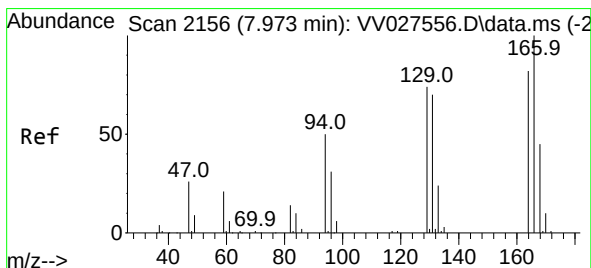
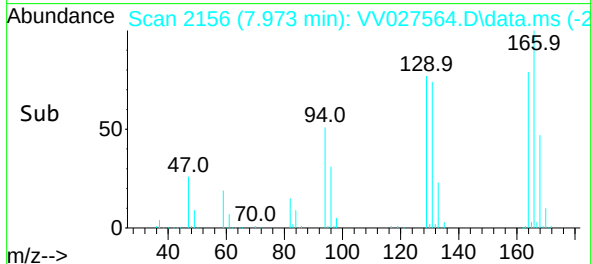
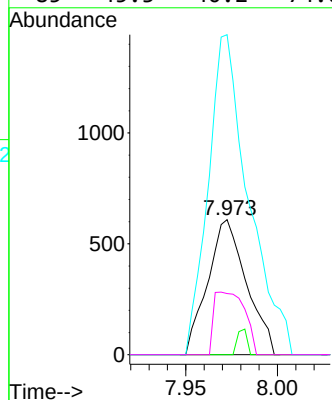
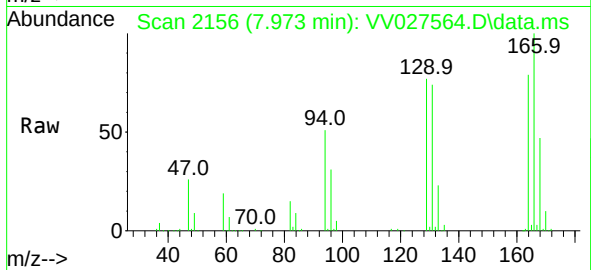


#45
1,1,2-Trichloroethane
Concen: 0.117 ug/L
RT: 7.973 min Scan# 2114
Delta R.T. 0.138 min
Lab File: VV027564.D
Acq: 29 Aug 2022 15:56

Instrument :
MSVOA_V
ClientSampleId :
F5F18

Tgt Ion: 97 Resp: 896

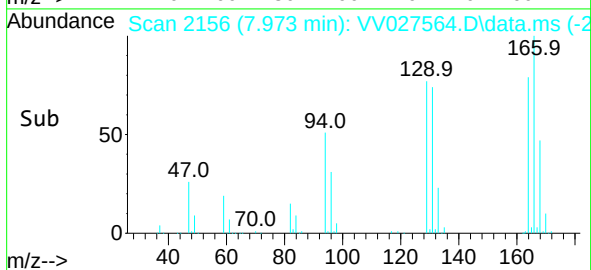
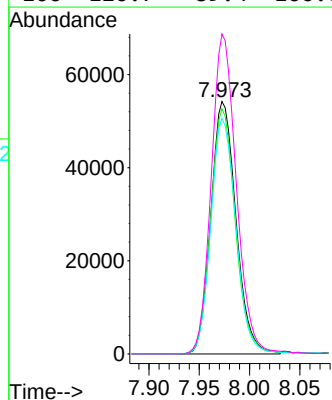
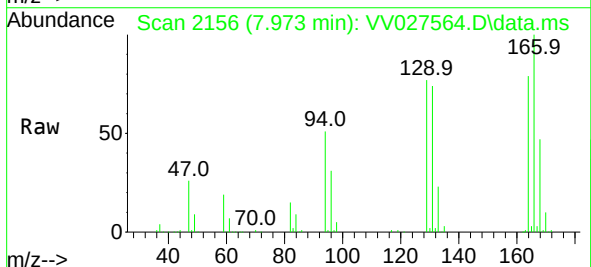
Ion	Ratio	Lower	Upper
97	100		
99	0.0	46.1	85.7#
83	236.9	63.0	117.0#
85	45.3	40.2	74.6

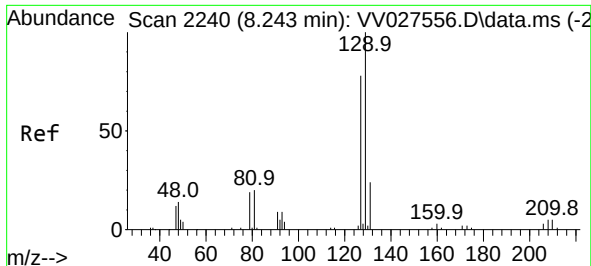


#47
Tetrachloroethene
Concen: 10.232 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027564.D
Acq: 29 Aug 2022 15:56

Tgt Ion: 164 Resp: 94066

Ion	Ratio	Lower	Upper
164	100		
129	97.0	71.1	132.1
131	93.3	64.5	119.9
166	126.7	89.4	166.0





#49

Dibromochloromethane

Concen: 9.313 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027564.D

Acq: 29 Aug 2022 15:56

Instrument :

MSVOA_V

ClientSampleId :

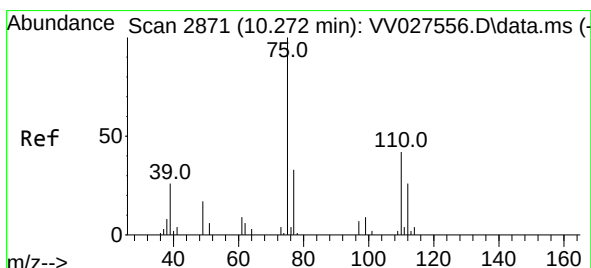
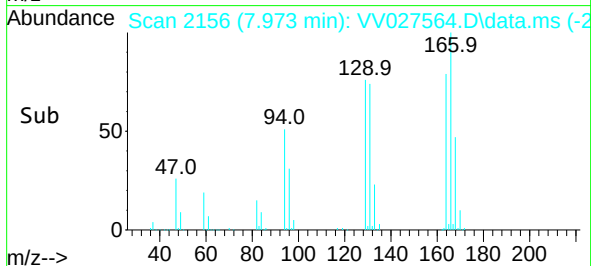
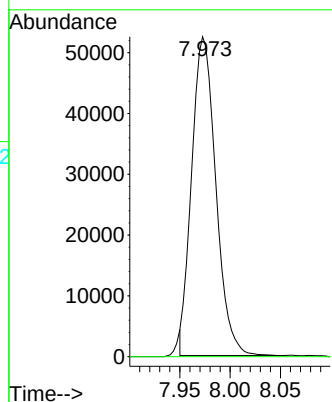
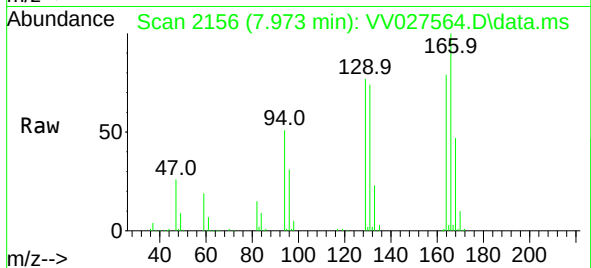
F5F18

Tgt Ion:129 Resp: 87538

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.504 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027564.D

Acq: 29 Aug 2022 15:56

Tgt Ion: 75 Resp: 7850

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

110 1.9 29.9 44.9#

