

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027823.D
 Acq On : 14 Sep 2022 12:43
 Operator : SY/MD
 Sample : N4546-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG6H6

Quant Time: Sep 15 02:50:06 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)

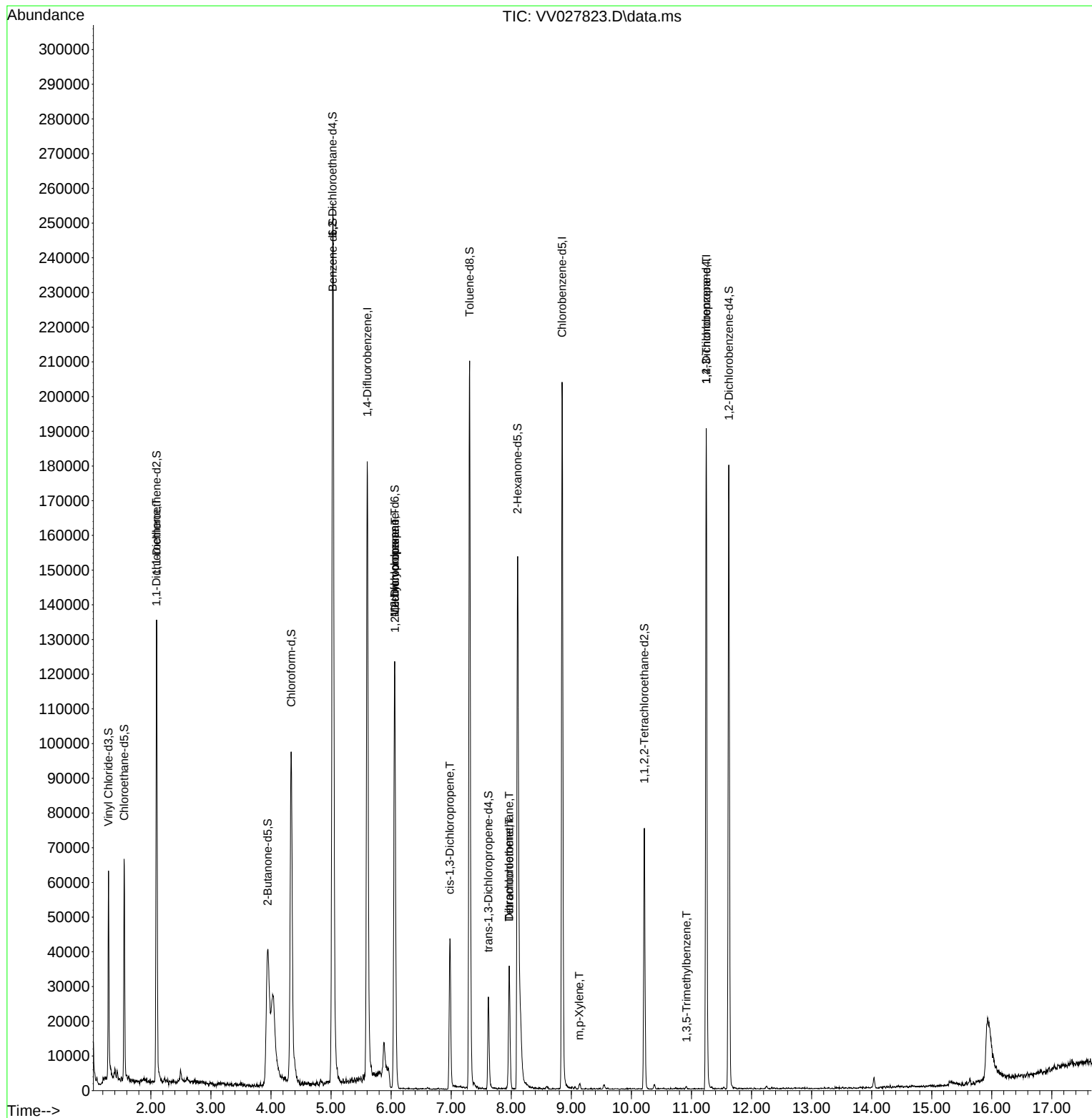
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	150247	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.847	117	115995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	52262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	41882	4.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.558	69	38928	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.095	63	68611	3.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.944	46	98579	44.913	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.820%
24) Chloroform-d	4.336	84	100374	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.024	65	59370	5.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.031	84	206548	6.138	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.800%
36) 1,2-Dichloropropane-d6	6.059	67	57142	5.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.000%
41) Toluene-d8	7.307	98	142871	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.619	79	15141	4.581	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.104	63	52089	42.396	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32625	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	49585	5.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.092	96	875	0.088	ug/L #	1
35) Methylcyclohexane	6.059	83	14801	1.005	ug/L #	19
37) 1,2-Dichloropropane	6.063	63	6949	0.764	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1125	0.098	ug/L #	26
47) Tetrachloroethene	7.966	164	8502	1.105	ug/L	98
49) Dibromochloromethane	7.966	129	7364	0.985	ug/L #	10
53) m,p-Xylene	9.133	106	647	0.043	ug/L #	58
61) 1,2,3-Trichloropropane	11.246	75	5296	1.280	ug/L #	60
62) 1,3,5-Trimethylbenzene	10.918	105	540	0.059	ug/L	100

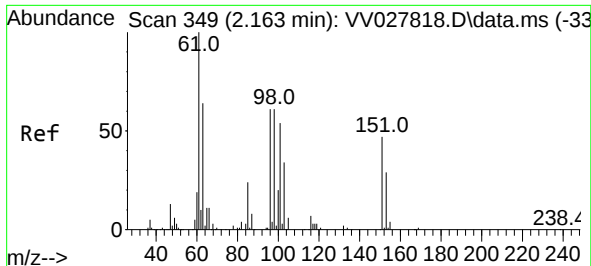
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 15 02:47:38 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.092 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV027823.D

Acq: 14 Sep 2022 12:43

Instrument :

MSVOA_V

ClientSampleId :

BG6H6

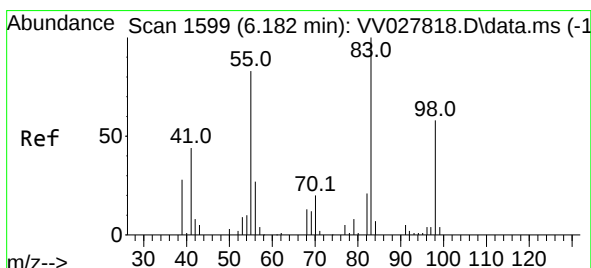
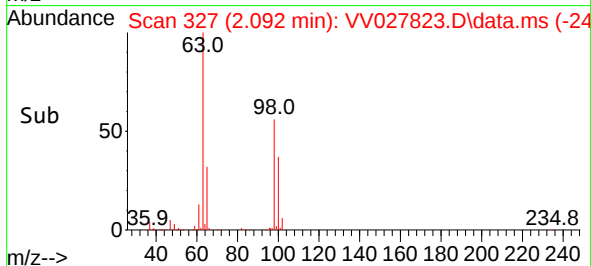
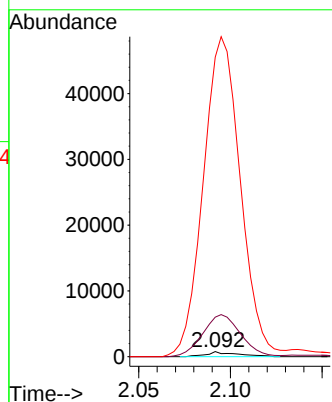
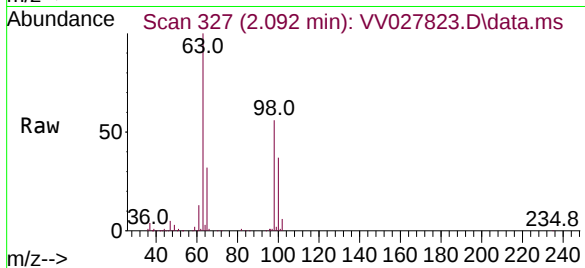
Tgt Ion: 96 Resp: 875

Ion Ratio Lower Upper

96 100

61 762.1 129.9 241.3#

63 5785.0 94.6 175.8#



#35

Methylcyclohexane

Concen: 1.005 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.064 min

Lab File: VV027823.D

Acq: 14 Sep 2022 12:43

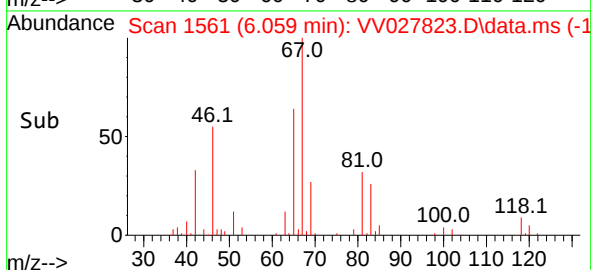
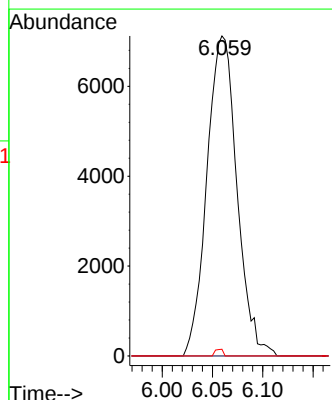
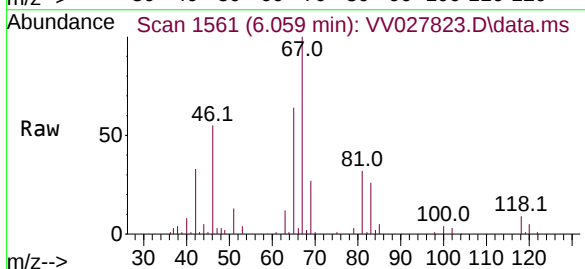
Tgt Ion: 83 Resp: 14801

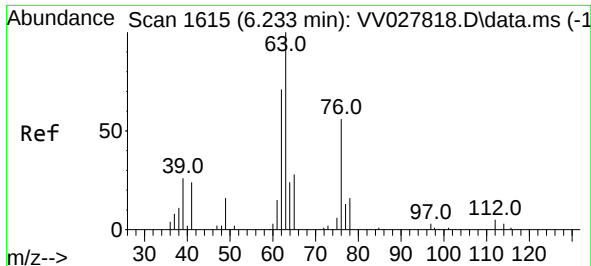
Ion Ratio Lower Upper

83 100

55 1.0 61.9 92.9#

98 0.5 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.764 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027823.D

Acq: 14 Sep 2022 12:43

Instrument :

MSVOA_V

ClientSampleId :

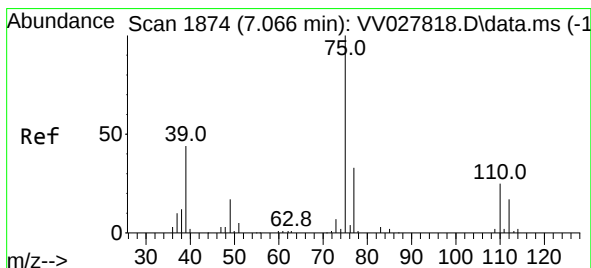
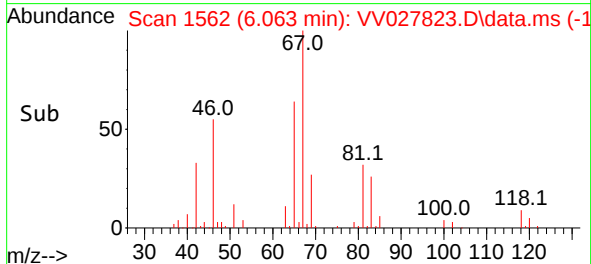
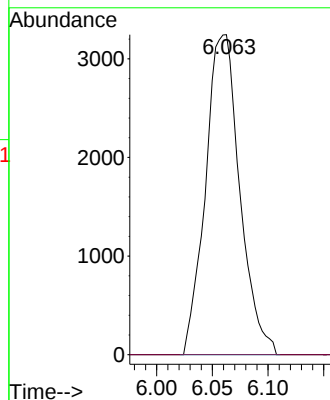
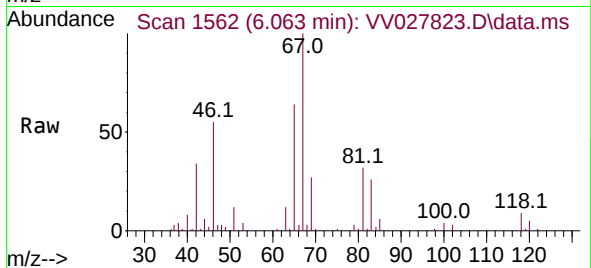
BG6H6

Tgt Ion: 63 Resp: 6949

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.045 min

Lab File: VV027823.D

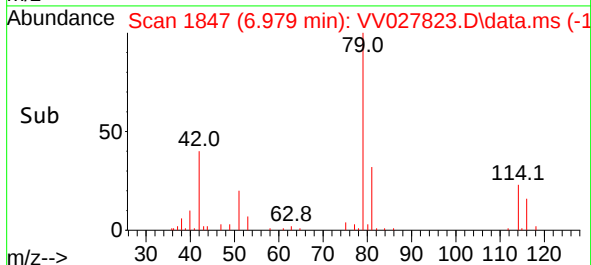
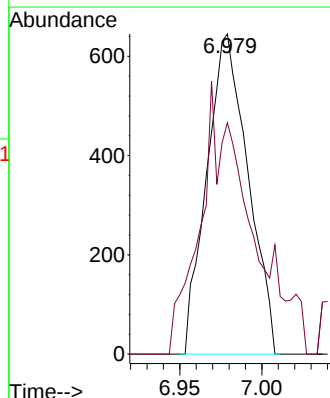
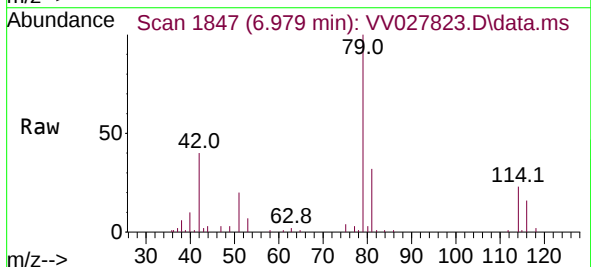
Acq: 14 Sep 2022 12:43

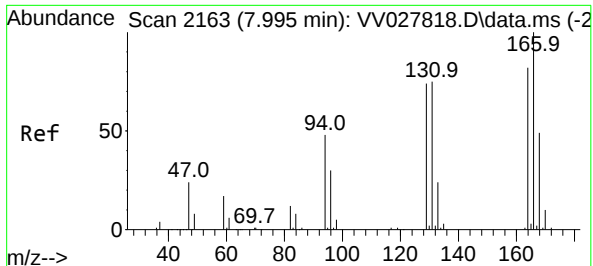
Tgt Ion: 75 Resp: 1125

Ion Ratio Lower Upper

75 100

77 72.2 22.0 40.8#

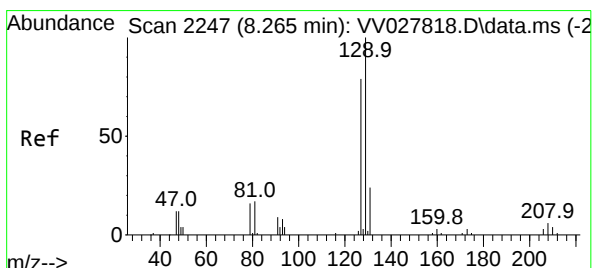
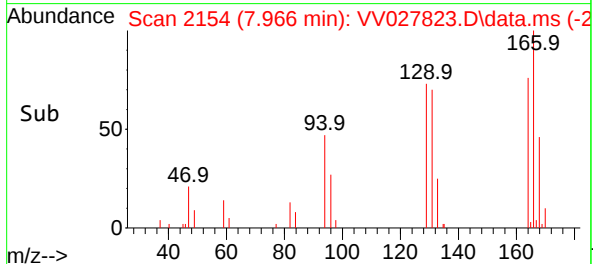
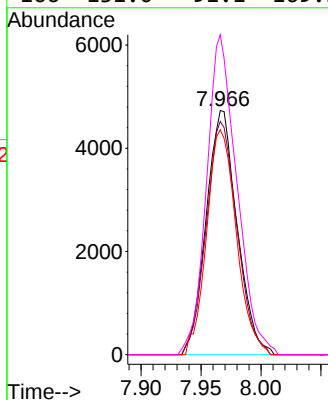
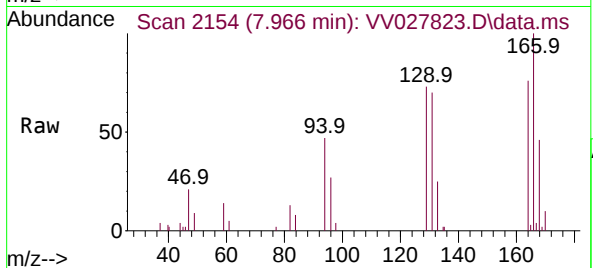




#47
Tetrachloroethene
Concen: 1.105 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.007 min
Lab File: VV027823.D
Acq: 14 Sep 2022 12:43

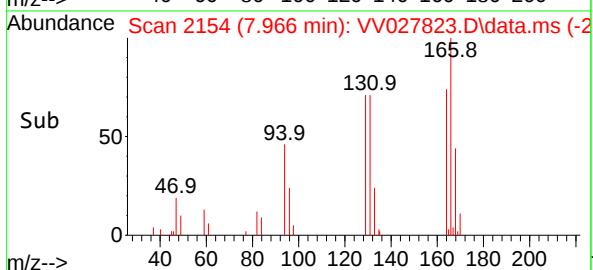
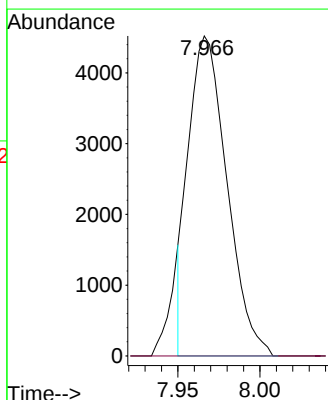
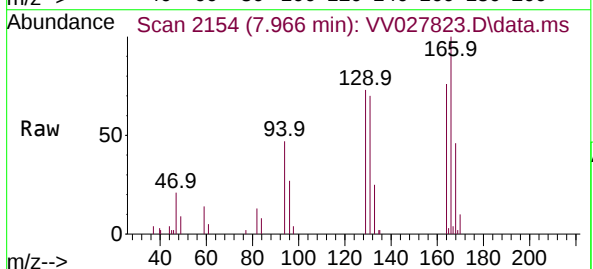
Instrument :
MSVOA_V
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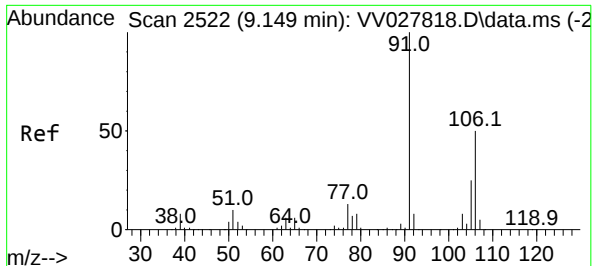
Tgt Ion:164	Resp:	8502	
Ion	Ratio	Lower	Upper
164	100		
129	95.5	67.2	124.8
131	92.1	61.5	114.3
166	131.0	91.1	169.3



#49
Dibromochloromethane
Concen: 0.985 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.277 min
Lab File: VV027823.D
Acq: 14 Sep 2022 12:43

Tgt Ion:129	Resp:	7364	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#

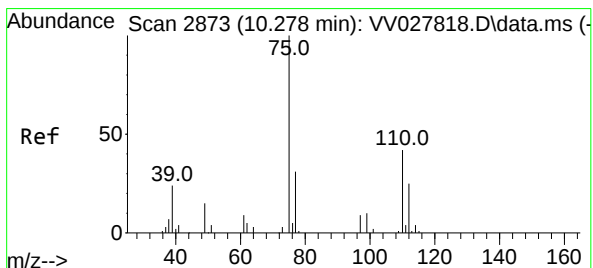
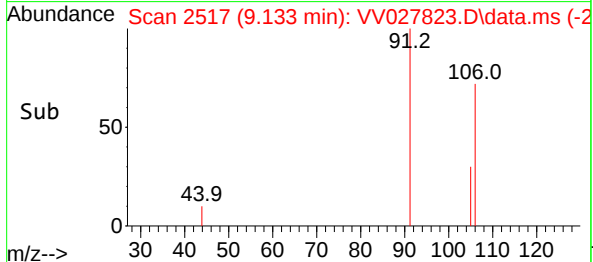
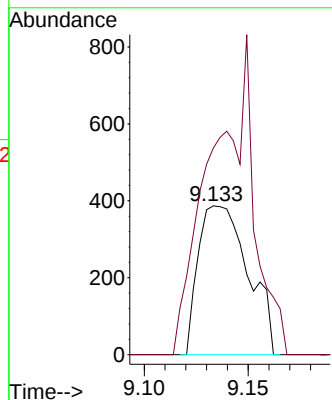
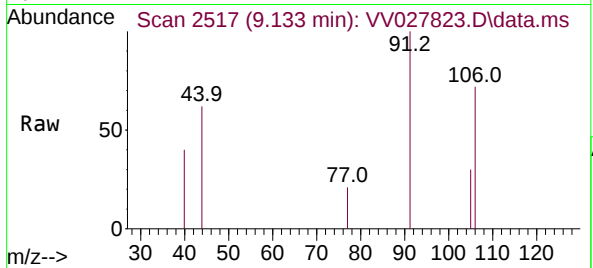




#53
 m,p-Xylene
 Concen: 0.043 ug/L
 RT: 9.133 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027823.D
 Acq: 14 Sep 2022 12:43

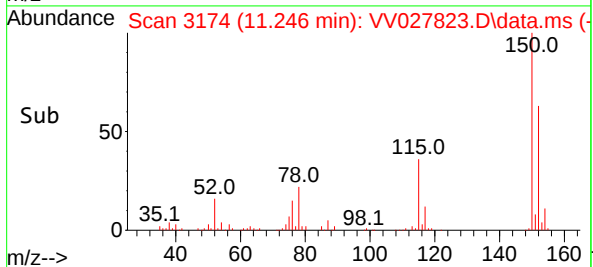
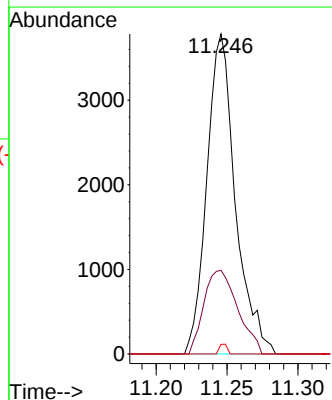
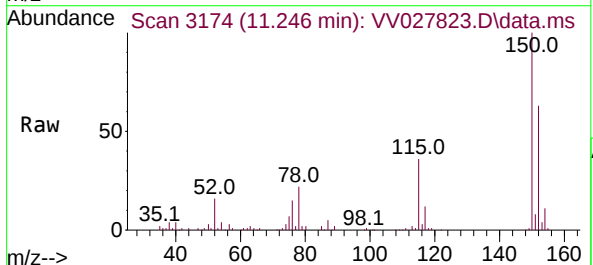
Instrument :
 MSVOA_V
 ClientSampleId :
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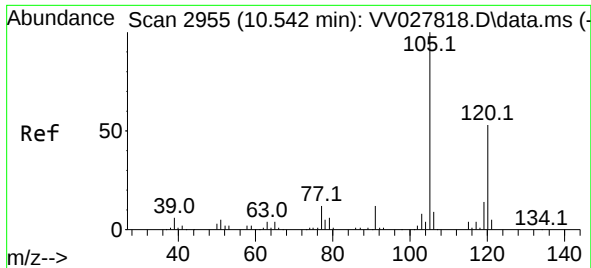
Tgt Ion:106 Resp: 647
 Ion Ratio Lower Upper
 106 100
 91 138.8 142.4 264.4#



#61
 1,2,3-Trichloropropane
 Concen: 1.280 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.977 min
 Lab File: VV027823.D
 Acq: 14 Sep 2022 12:43

Tgt Ion: 75 Resp: 5296
 Ion Ratio Lower Upper
 75 100
 77 31.0 27.6 41.4
 110 0.8 35.6 53.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.059 ug/L

RT: 10.918 min Scan# 30

Delta R.T. 0.383 min

Lab File: VV027823.D

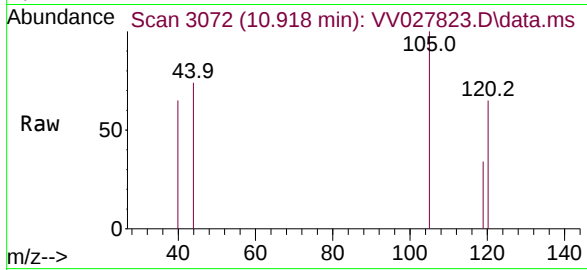
Acq: 14 Sep 2022 12:43

Instrument :

MSVOA_V

ClientSampleId :

BG6H6



Tgt Ion:105 Resp: 540

Ion Ratio Lower Upper

105 100

120 49.6 39.6 59.4

