

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029704.D
 Acq On : 16 Dec 2022 17:47
 Operator : SY/MD
 Sample : N6034-17RE
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:20:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

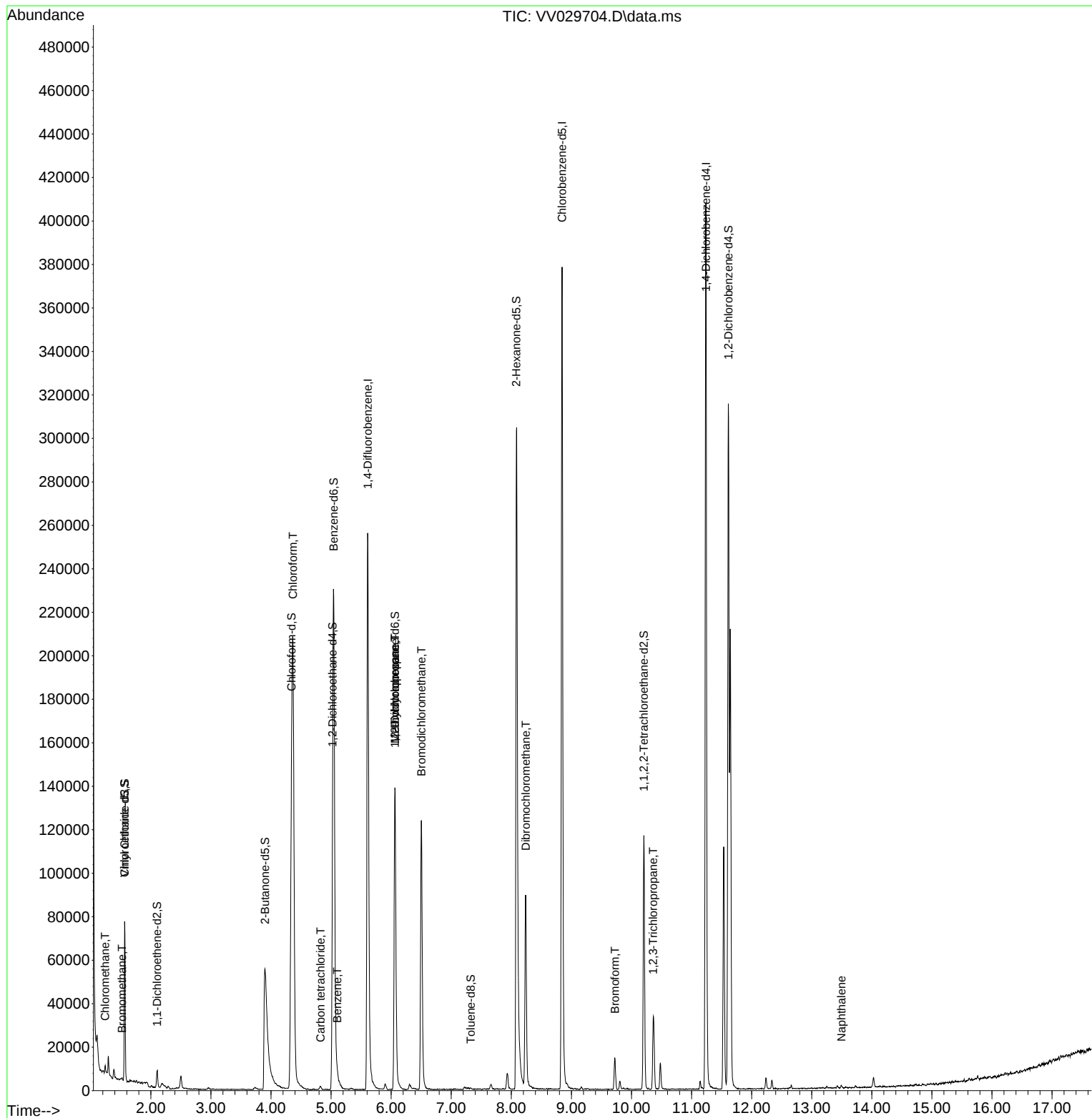
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	242466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	223532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	113558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.564	65	823	0.055	ug/L	0.26
Spiked Amount	5.000	Range 40 - 130	Recovery =	1.200%#		
7) Chloroethane-d5	1.564	69	46731	4.278	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery =	85.600%		
11) 1,1-Dichloroethene-d2	2.104	63	3843	0.161	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery =	3.200%#		
20) 2-Butanone-d5	3.899	46	145361	58.234	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery =	116.460%		
24) Chloroform-d	4.342	84	121878	4.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	91.600%		
26) 1,2-Dichloroethane-d4	5.024	65	54409	4.643	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	92.800%		
32) Benzene-d6	5.043	84	228803	3.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	74.000%		
36) 1,2-Dichloropropane-d6	6.063	67	73280	4.221	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery =	84.400%		
41) Toluene-d8	7.323	98	617	0.011	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery =	0.200%#		
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range 55 - 130	Recovery =	0.000%#		
46) 2-Hexanone-d5	8.085	63	123480	51.758	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery =	103.520%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58250	5.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery =	108.800%		
66) 1,2-Dichlorobenzene-d4	11.612	152	85015	4.285	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery =	85.800%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2183	0.132	ug/L	94
6) Bromomethane	1.519	94	478	0.046	ug/L	77
25) Chloroform	4.365	83	183050	6.808	ug/L	100
31) Carbon tetrachloride	4.828	117	1111	0.051	ug/L	96
33) Benzene	5.101	78	4008	0.060	ug/L	100
35) Methylcyclohexane	6.063	83	18054	0.627	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	7275	0.462	ug/L #	85
38) Bromodichloromethane	6.503	83	90007	4.774	ug/L	99
49) Dibromochloromethane	8.239	129	45083	3.759	ug/L	98
59) Bromoform	9.725	173	6984	1.171	ug/L	98
61) 1,2,3-Trichloropropane	10.361	75	497	0.063	ug/L #	1
71) Naphthalene	13.493	128	1088	0.055	ug/L #	69

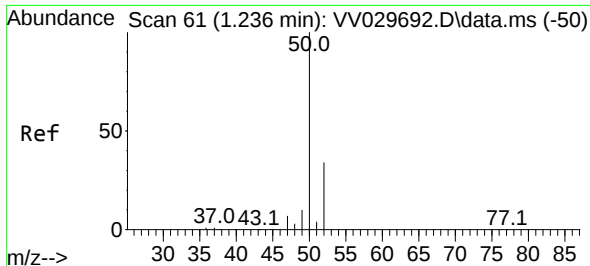
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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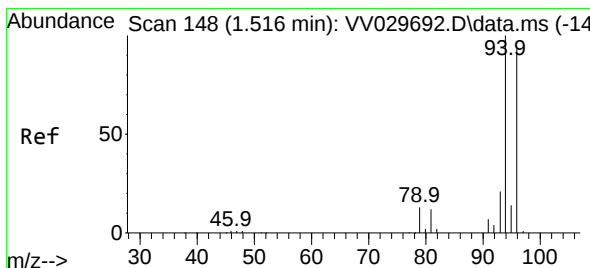
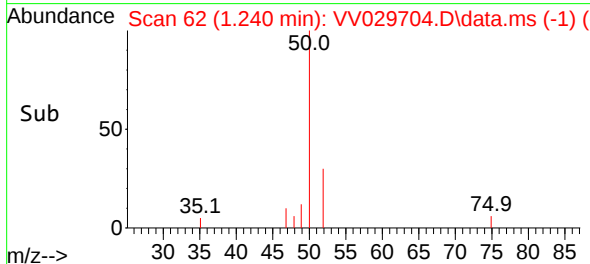
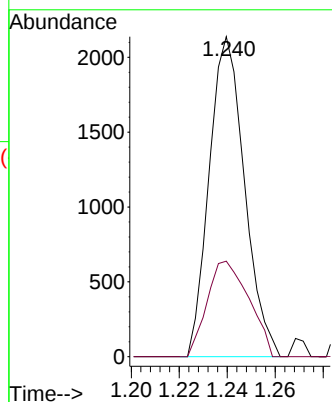
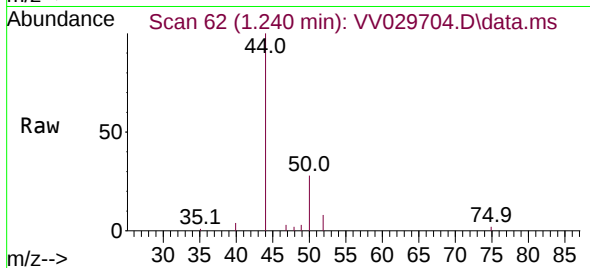




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029704.D
Acq: 16 Dec 2022 17:47

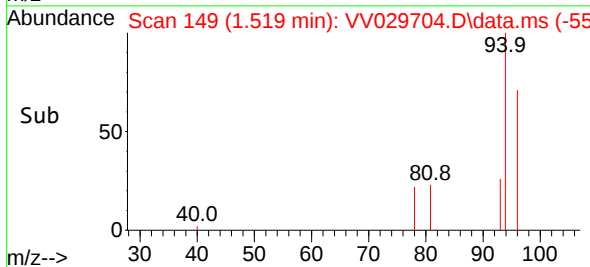
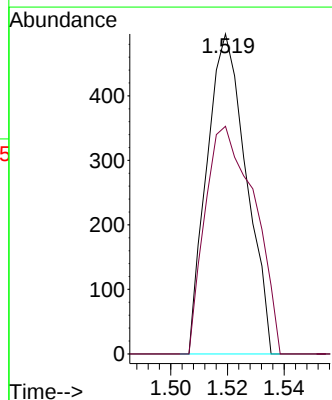
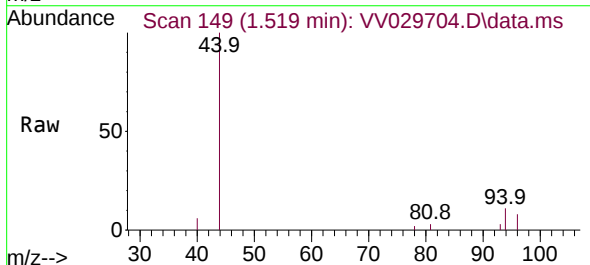
Instrument :
MSVOA_V
ClientSampleId :

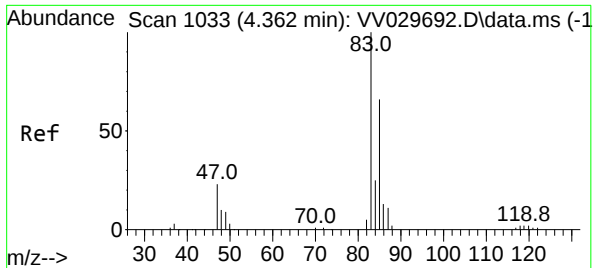
Tgt Ion: 50 Resp: 2183
Ion Ratio Lower Upper
50 100
52 29.8 23.2 43.2



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029704.D
Acq: 16 Dec 2022 17:47

Tgt Ion: 94 Resp: 478
Ion Ratio Lower Upper
94 100
96 71.2 65.4 121.4





#25

Chloroform

Concen: 6.808 ug/L

RT: 4.365 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV029704.D

Acq: 16 Dec 2022 17:47

Instrument :

MSVOA_V

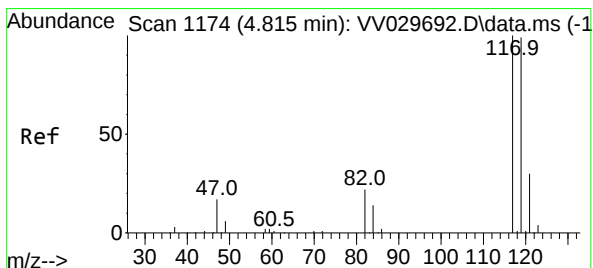
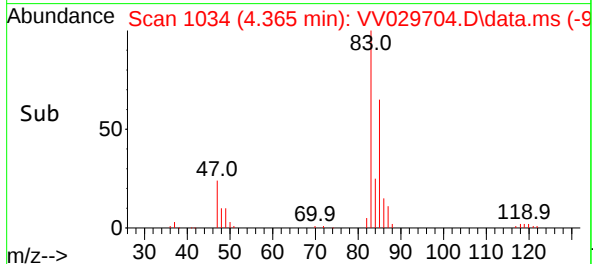
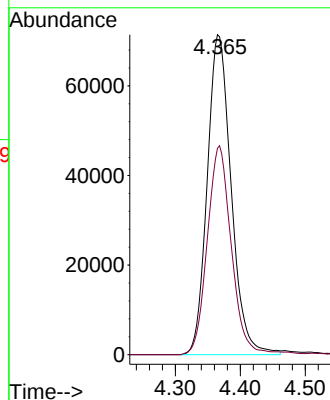
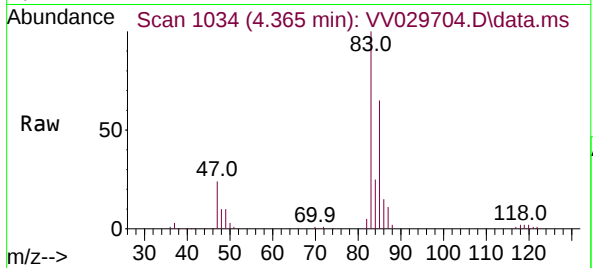
ClientSampleId :

Tgt Ion: 83 Resp: 183050

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.4



#31

Carbon tetrachloride

Concen: 0.051 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.013 min

Lab File: VV029704.D

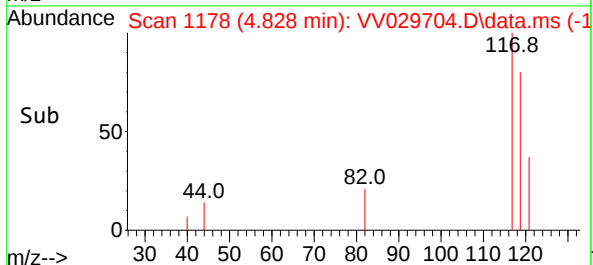
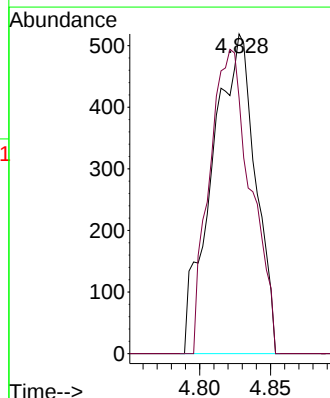
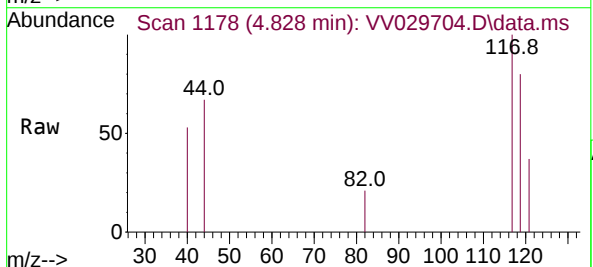
Acq: 16 Dec 2022 17:47

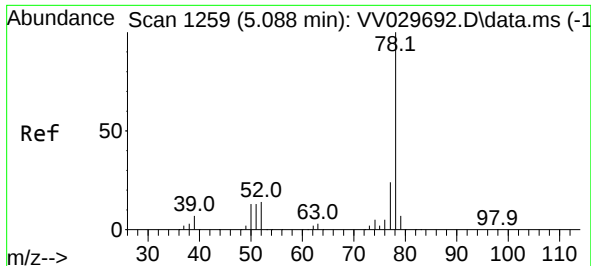
Tgt Ion: 117 Resp: 1111

Ion Ratio Lower Upper

117 100

119 90.4 75.7 113.5

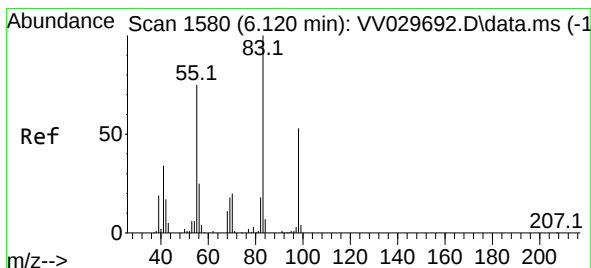
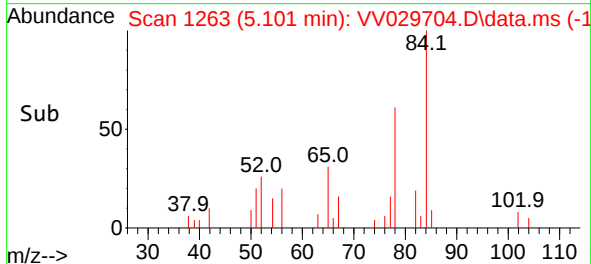
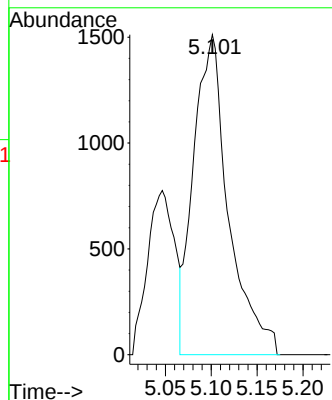
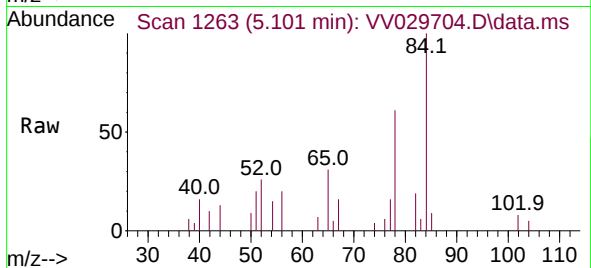




#33
Benzene
Concen: 0.060 ug/L
RT: 5.101 min Scan# 1562
Delta R.T. 0.013 min
Lab File: VV029704.D
Acq: 16 Dec 2022 17:47

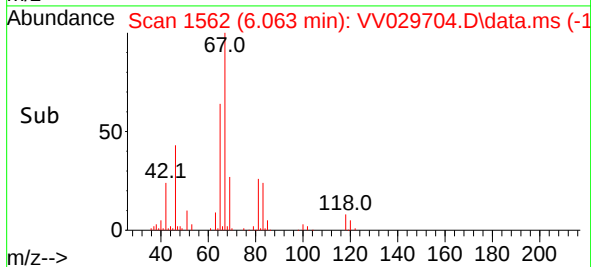
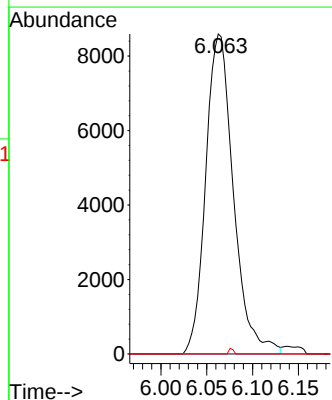
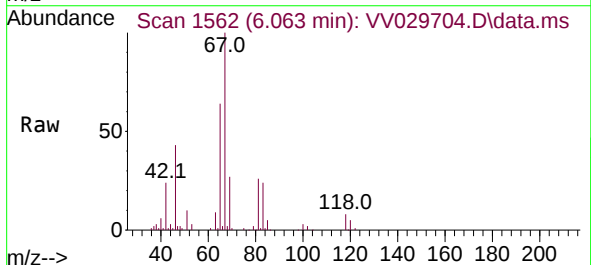
Instrument :
MSVOA_V
ClientSampleId :

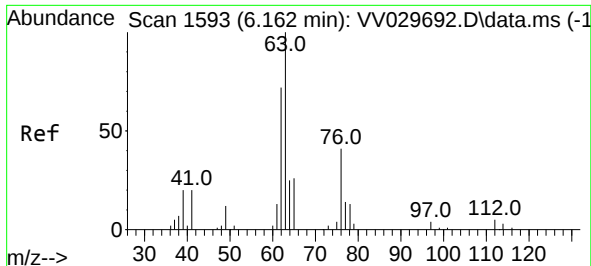
Tgt Ion: 78 Resp: 4008



#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029704.D
Acq: 16 Dec 2022 17:47

Tgt Ion: 83 Resp: 18054
Ion Ratio Lower Upper
83 100
55 0.2 55.4 83.2#
98 0.3 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.462 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.096 min

Lab File: VV029704.D

Acq: 16 Dec 2022 17:47

Instrument :

MSVOA_V

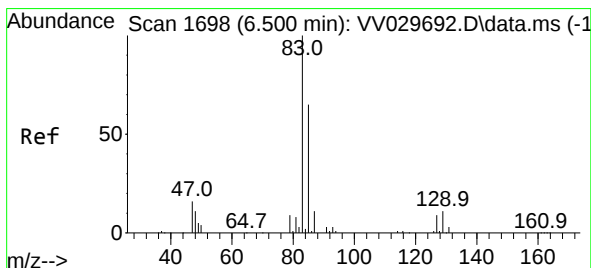
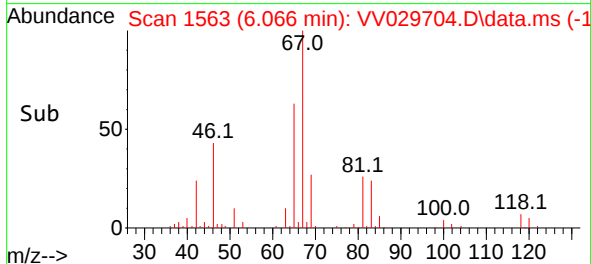
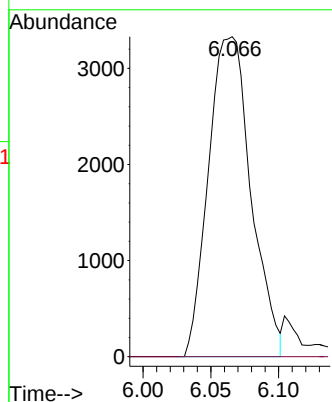
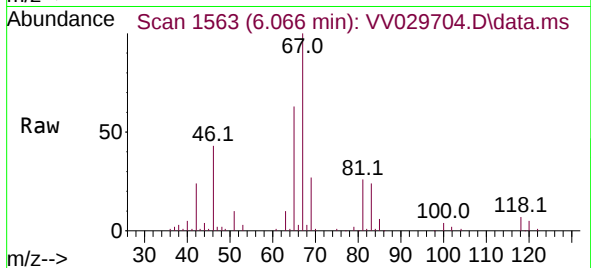
ClientSampleId :

Tgt Ion: 63 Resp: 7275

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#38

Bromodichloromethane

Concen: 4.774 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029704.D

Acq: 16 Dec 2022 17:47

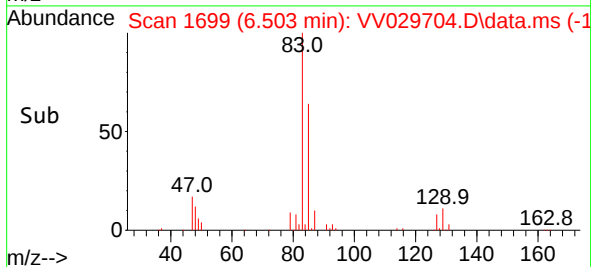
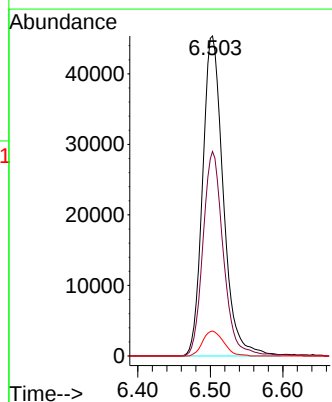
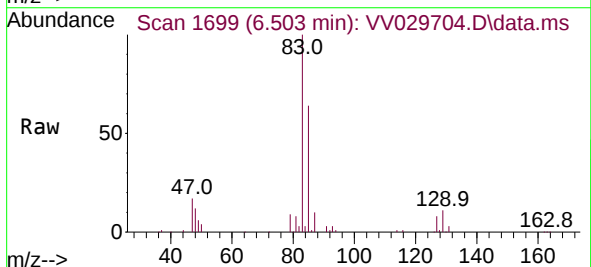
Tgt Ion: 83 Resp: 90007

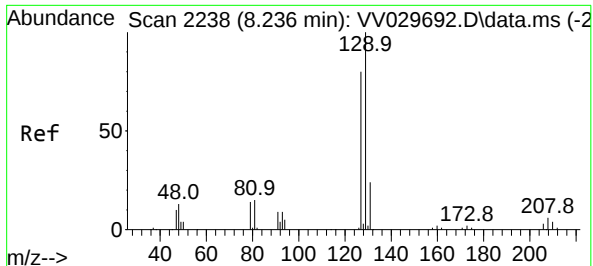
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 7.8 7.4 11.2





#49

Dibromochloromethane

Concen: 3.759 ug/L

RT: 8.239 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029704.D

Acq: 16 Dec 2022 17:47

Instrument :

MSVOA_V

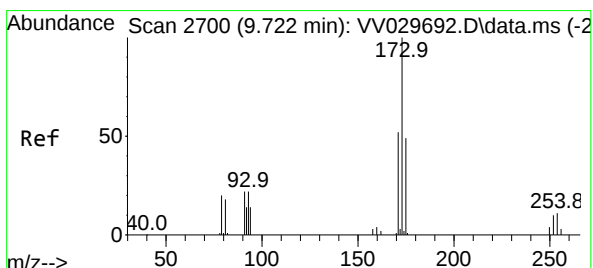
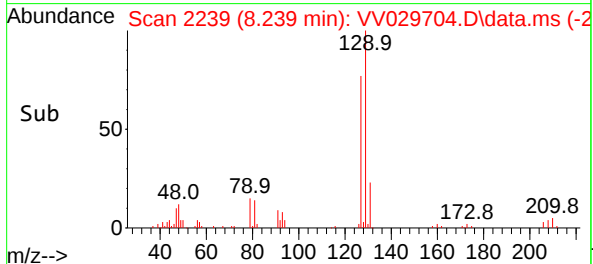
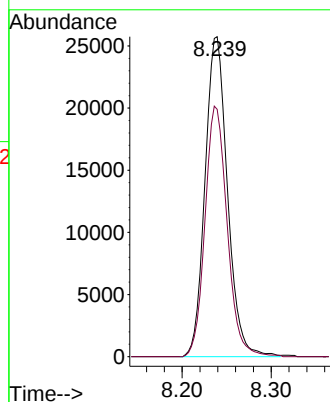
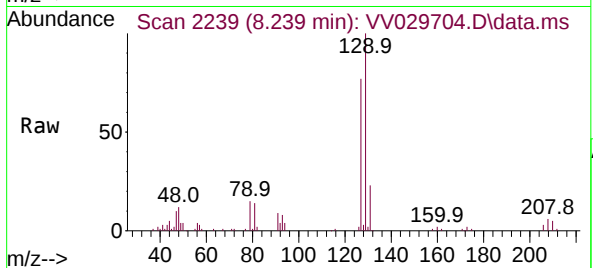
ClientSampleId :

Tgt Ion:129 Resp: 45083

Ion Ratio Lower Upper

129 100

127 77.3 53.1 98.7



#59

Bromoform

Concen: 1.171 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. 0.003 min

Lab File: VV029704.D

Acq: 16 Dec 2022 17:47

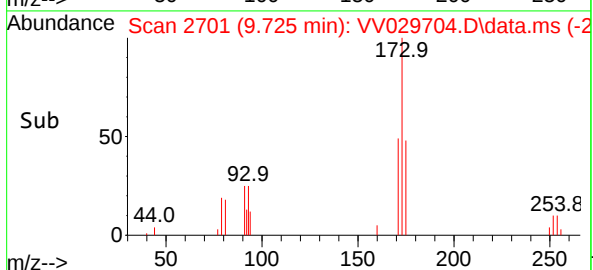
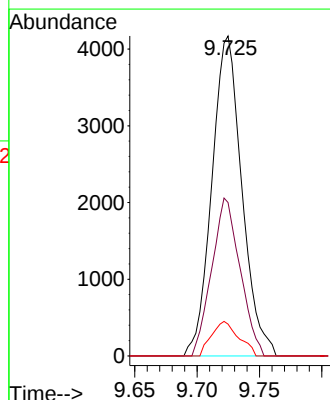
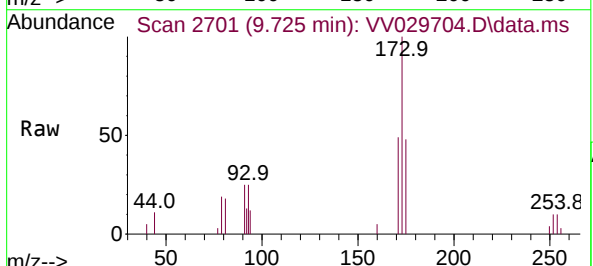
Tgt Ion:173 Resp: 6984

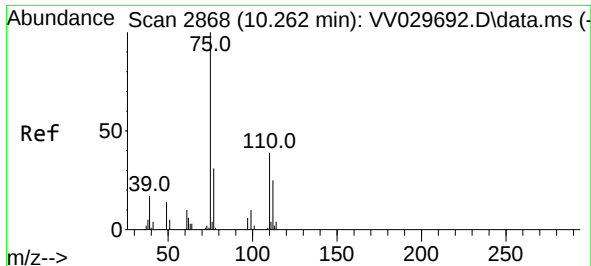
Ion Ratio Lower Upper

173 100

175 46.7 38.6 58.0

254 9.8 8.3 12.5

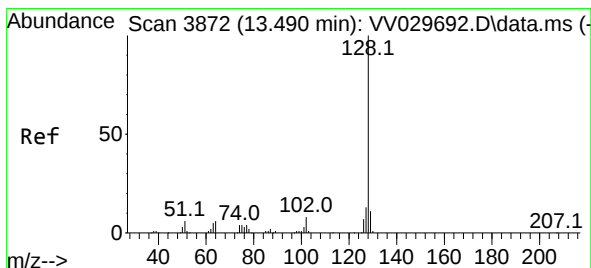
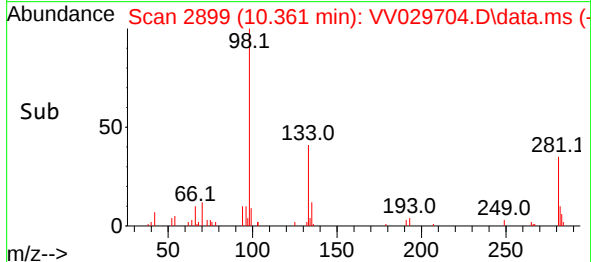
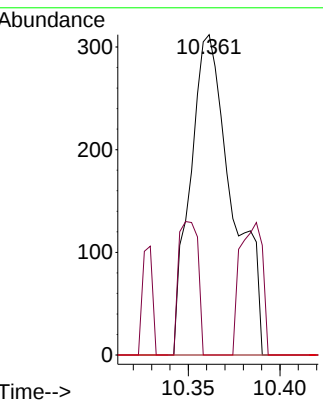
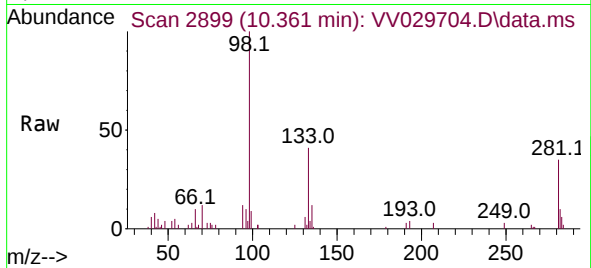




#61
1,2,3-Trichloropropane
Concen: 0.063 ug/L
RT: 10.361 min Scan# 2868
Delta R.T. 0.100 min
Lab File: VV029704.D
Acq: 16 Dec 2022 17:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
75	100		
77	129.4	26.7	40.1#
110	0.0	32.2	48.4#



#71
Naphthalene
Concen: 0.055 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029704.D
Acq: 16 Dec 2022 17:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	10.6	15.8#

