

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029702.D
 Acq On : 16 Dec 2022 16:58
 Operator : SY/MD
 Sample : N6034-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:20:11 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)

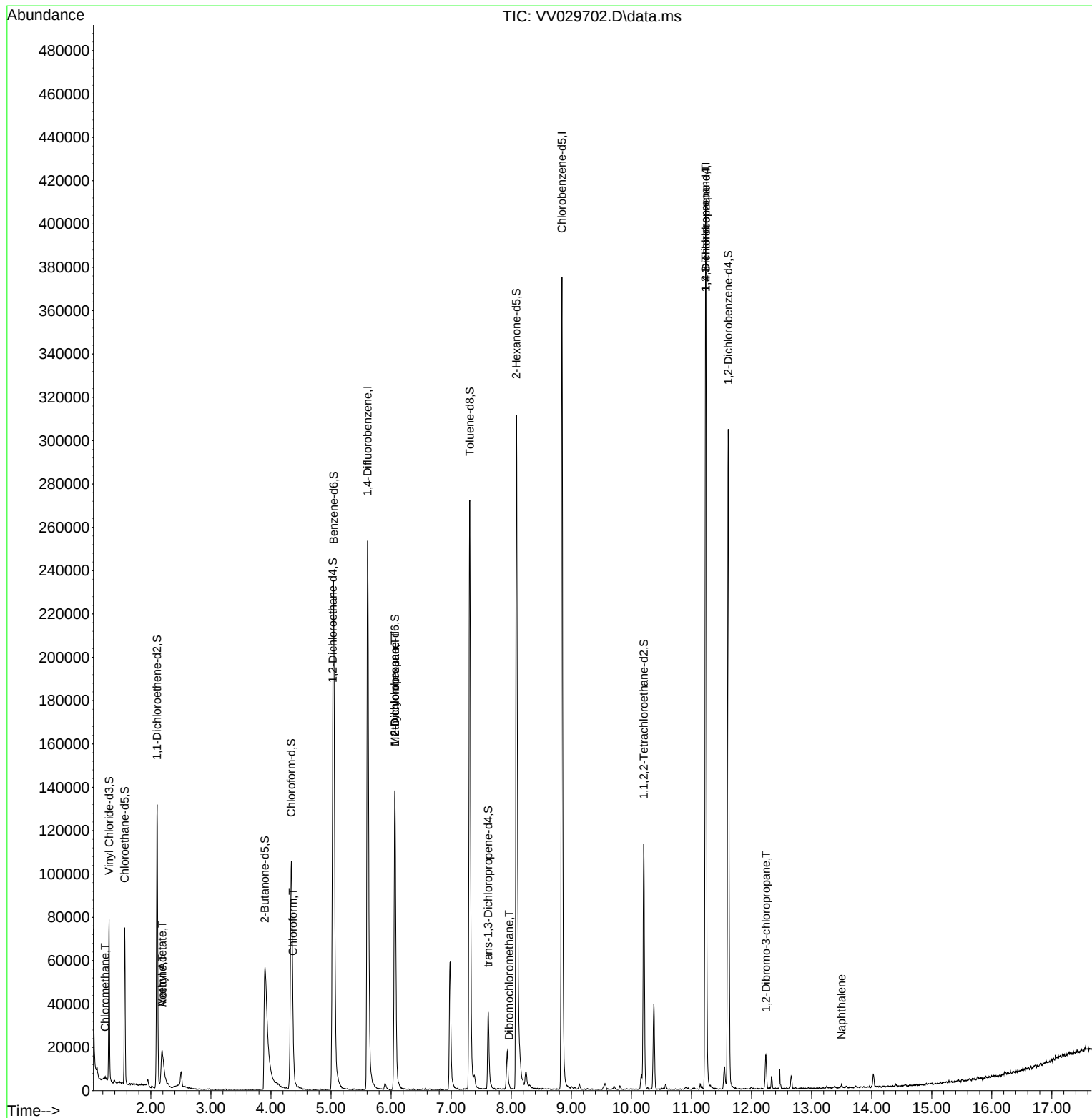
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	238657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	222183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	112860	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46371	3.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.565	69	46641	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.105	63	68017	2.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.899	46	139252	56.677	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.360%
24) Chloroform-d	4.339	84	114785	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.027	65	54100	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.044	84	231695	3.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.063	67	73680	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.310	98	196910	3.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	7.616	79	23294	3.502	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.085	63	124501	52.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.000%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	56476	5.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	82741	4.197	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	895	0.055	ug/L	97
13) Acetone	2.192	43	35302	19.761	ug/L	100
15) Methyl Acetate	2.192	43	32069	6.246	ug/L #	51
25) Chloroform	4.365	83	5446	0.206	ug/L	89
35) Methylcyclohexane	6.063	83	17267	0.603	ug/L #	23
37) 1,2-Dichloropropane	6.063	63	7325	0.468	ug/L #	85
49) Dibromochloromethane	7.966	129	329	0.028	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	13269	1.695	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.243	75	547	0.356	ug/L #	1
71) Naphthalene	13.497	128	1760	0.089	ug/L #	77

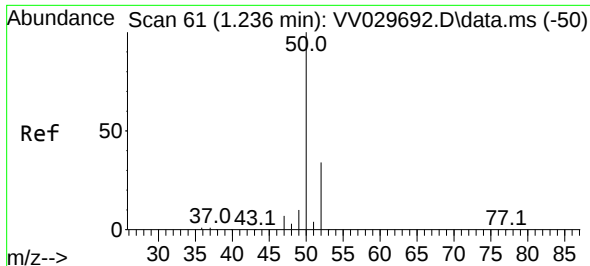
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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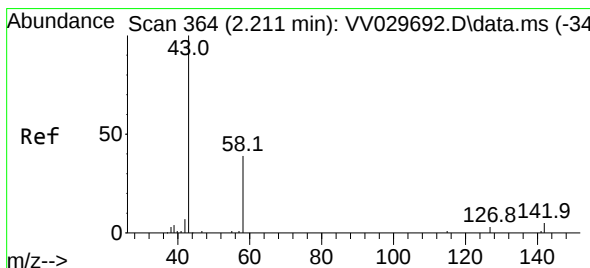
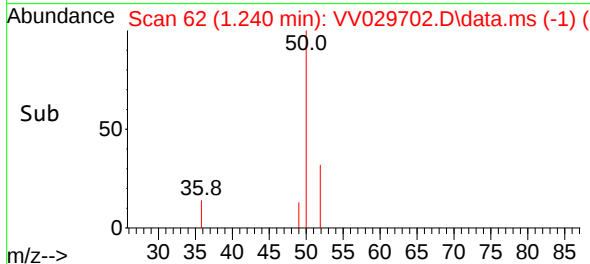
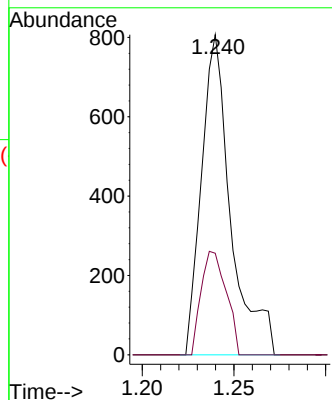
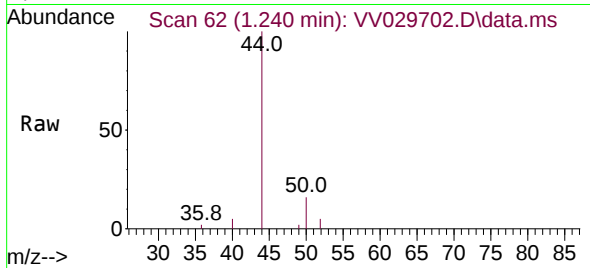




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029702.D
Acq: 16 Dec 2022 16:58

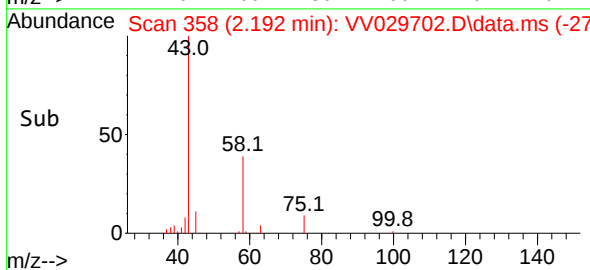
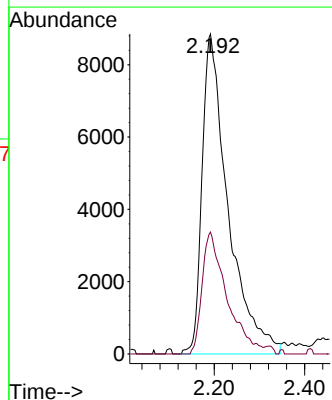
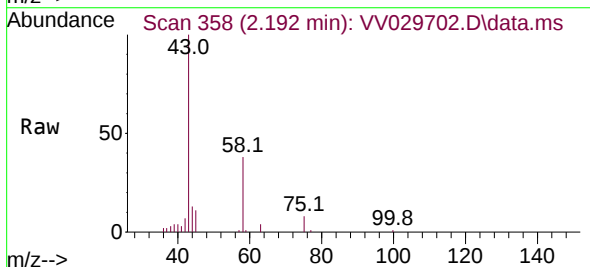
Instrument :
MSVOA_V
ClientSampleId :

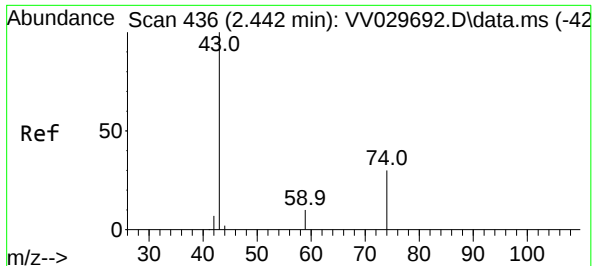
Tgt Ion: 50 Resp: 895
Ion Ratio Lower Upper
50 100
52 31.7 23.2 43.2



#13
Acetone
Concen: 19.761 ug/L
RT: 2.192 min Scan# 358
Delta R.T. -0.019 min
Lab File: VV029702.D
Acq: 16 Dec 2022 16:58

Tgt Ion: 43 Resp: 35302
Ion Ratio Lower Upper
43 100
58 35.4 0.0 70.8





#15

Methyl Acetate

Concen: 6.246 ug/L

RT: 2.192 min Scan# 31

Delta R.T. -0.251 min

Lab File: VV029702.D

Acq: 16 Dec 2022 16:58

Instrument :

MSVOA_V

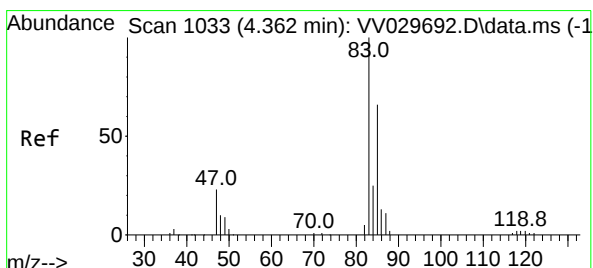
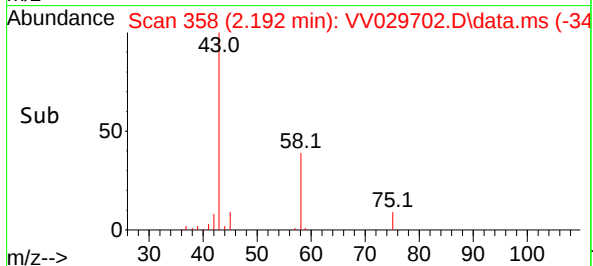
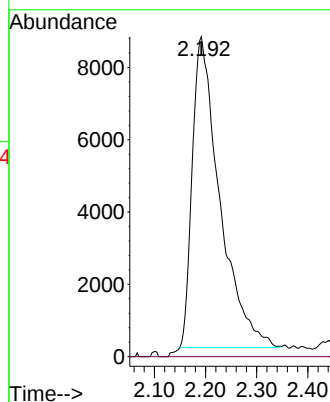
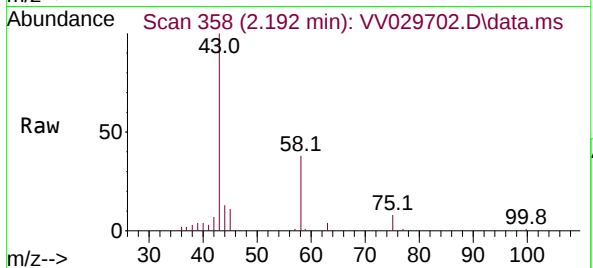
ClientSampleId :

Tgt Ion: 43 Resp: 32069

Ion Ratio Lower Upper

43 100

74 0.0 19.6 29.4#



#25

Chloroform

Concen: 0.206 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029702.D

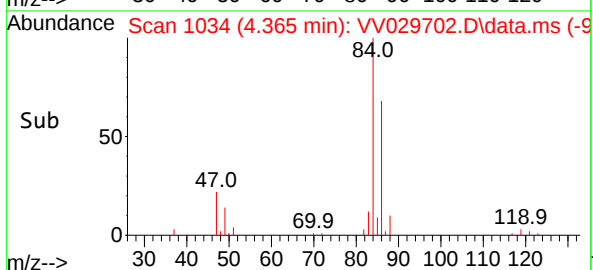
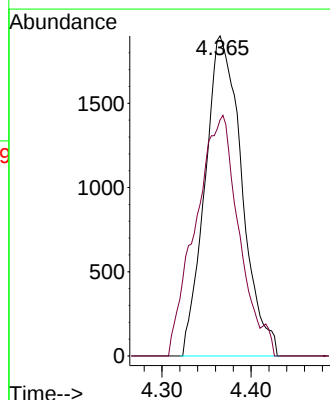
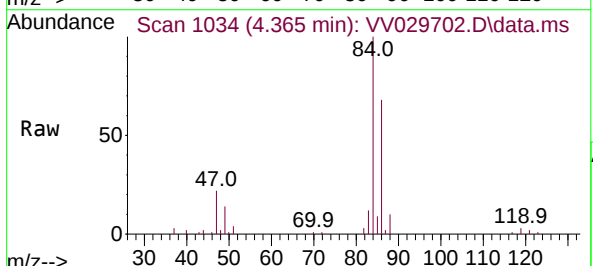
Acq: 16 Dec 2022 16:58

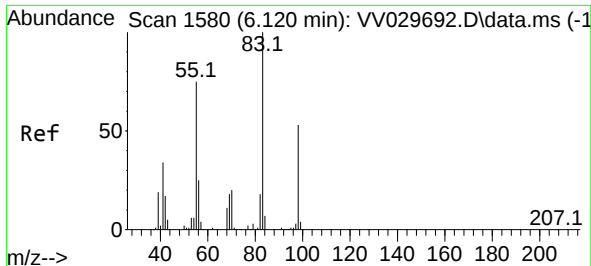
Tgt Ion: 83 Resp: 5446

Ion Ratio Lower Upper

83 100

85 73.7 45.4 84.4

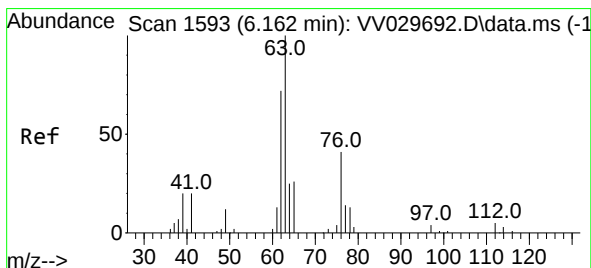
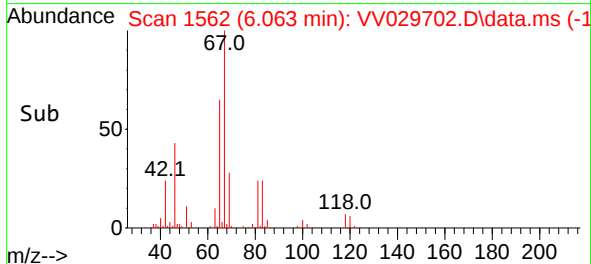
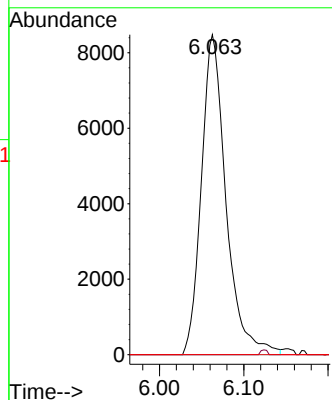
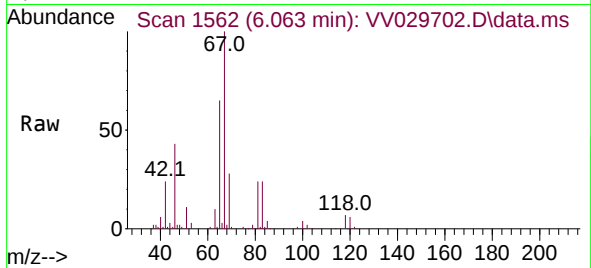




#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029702.D
Acq: 16 Dec 2022 16:58

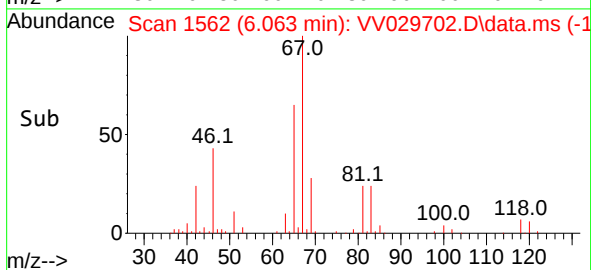
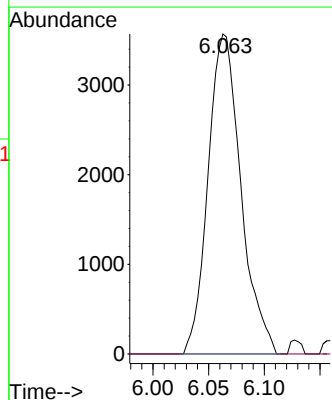
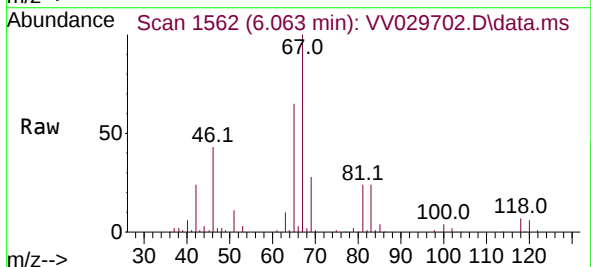
Instrument :
MSVOA_V
ClientSampleId :

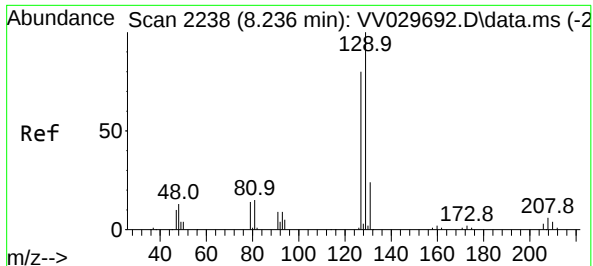
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.4	83.2#
98	3.8	39.4	59.2#



#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.099 min
Lab File: VV029702.D
Acq: 16 Dec 2022 16:58

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#





#49

Dibromochloromethane

Concen: 0.028 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.270 min

Lab File: VV029702.D

Acq: 16 Dec 2022 16:58

Instrument :

MSVOA_V

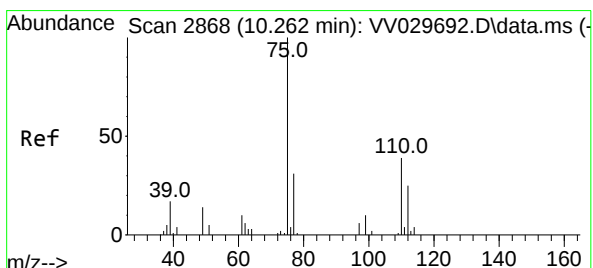
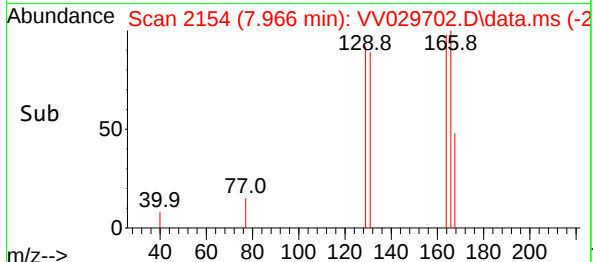
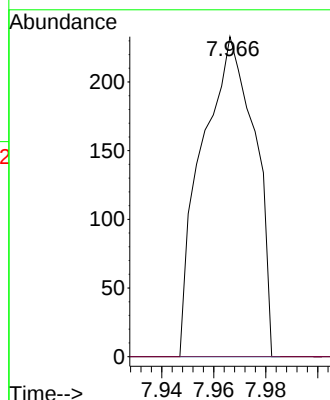
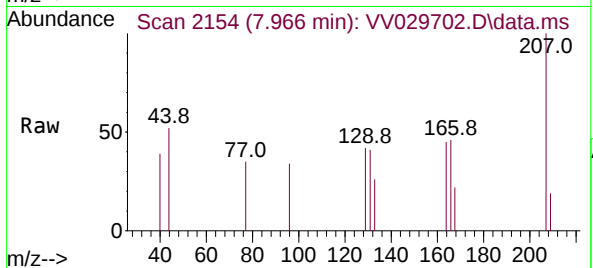
ClientSampleId :

Tgt Ion:129 Resp: 329

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



#61

1,2,3-Trichloropropane

Concen: 1.695 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.975 min

Lab File: VV029702.D

Acq: 16 Dec 2022 16:58

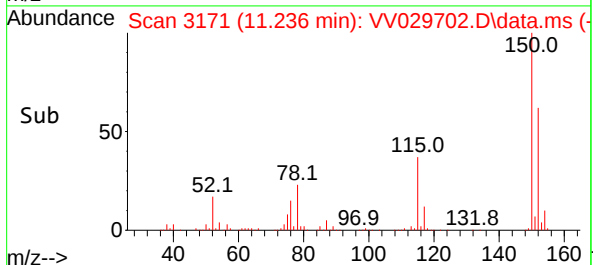
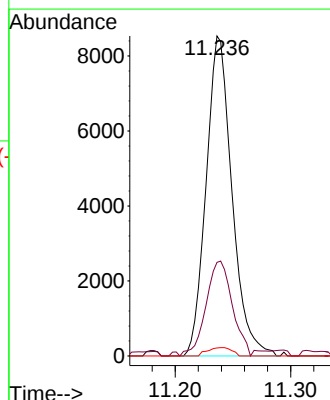
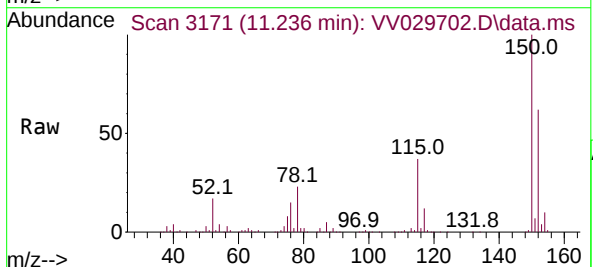
Tgt Ion: 75 Resp: 13269

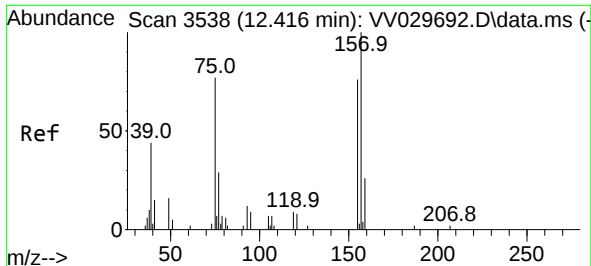
Ion Ratio Lower Upper

75 100

77 30.6 26.7 40.1

110 2.4 32.2 48.4#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.356 ug/L

RT: 12.243 min Scan# 3484

Delta R.T. -0.173 min

Lab File: VV029702.D

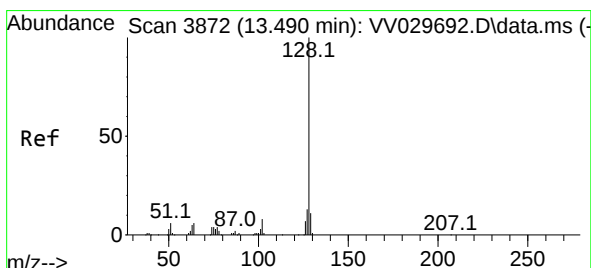
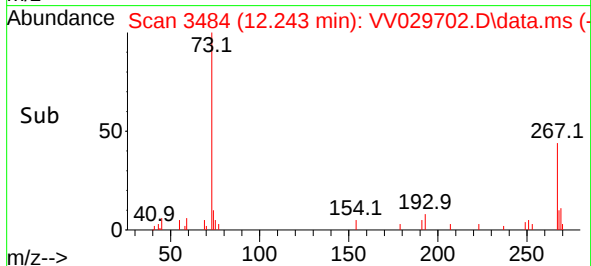
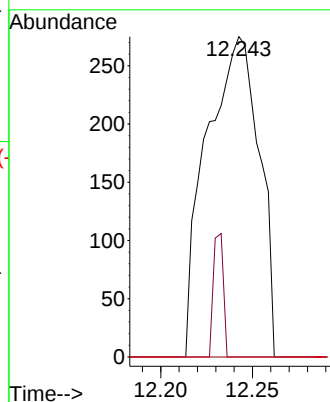
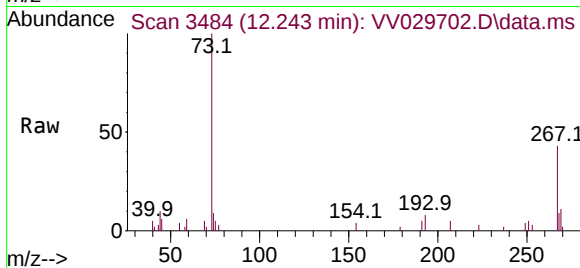
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	547
Ion	Ratio	Lower	Upper
75	100		
155	0.0	76.6	115.0#
157	0.0	96.9	145.3#



#71

Naphthalene

Concen: 0.089 ug/L

RT: 13.497 min Scan# 3874

Delta R.T. 0.007 min

Lab File: VV029702.D

Acq: 16 Dec 2022 16:58

Tgt Ion:	128	Resp:	1760
Ion	Ratio	Lower	Upper
128	100		
129	6.0	8.9	13.3#
127	1.1	10.6	15.8#

