

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029322.D
 Acq On : 24 Nov 2022 02:47
 Operator : SY/MD
 Sample : N5725-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 03:43:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

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

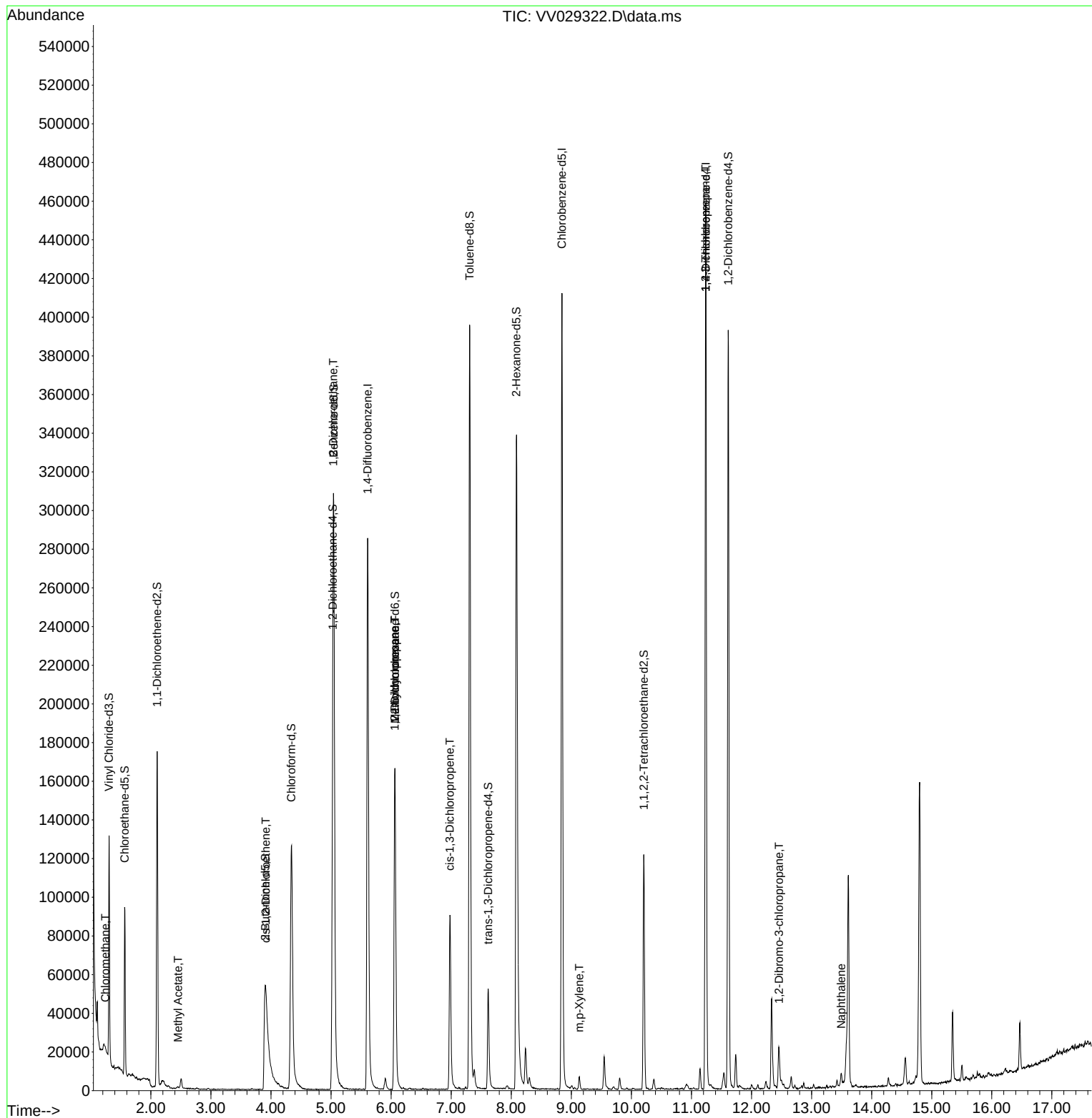
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	268053	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	242278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	124248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73531	4.458	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.200%	
7) Chloroethane-d5	1.564	69	56525	4.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.105	63	88060	3.336	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.800%	
20) 2-Butanone-d5	3.905	46	143659	52.058	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.120%	
24) Chloroform-d	4.339	84	137473	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.027	65	67808	5.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.043	84	306829	4.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.063	67	87900	4.672	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.307	98	284191	4.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.616	79	32221	4.442	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.085	63	132333	51.177	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.360%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60400	5.202	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	11.612	152	108980	5.021	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1427	0.078	ug/L	99
15) Methyl Acetate	2.452	43	1416	0.246	ug/L #	70
22) cis-1,2-Dichloroethene	3.912	96	481	0.027	ug/L #	59
27) 1,2-Dichloroethane	5.037	62	1608	0.100	ug/L #	72
35) Methylcyclohexane	6.063	83	21237	0.681	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	9090	0.533	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2372	0.095	ug/L #	53
53) m,p-Xylene	9.133	106	1919	0.060	ug/L	96
61) 1,2,3-Trichloropropane	11.236	75	13481	1.564	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.458	75	485	0.287	ug/L #	1
71) Naphthalene	13.493	128	5756	0.266	ug/L #	94

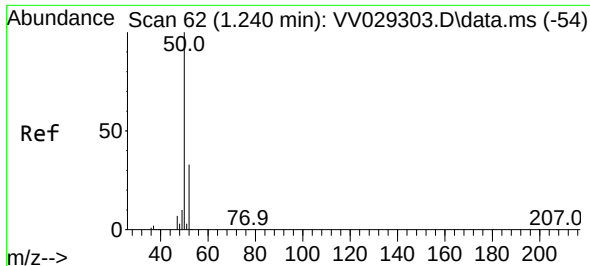
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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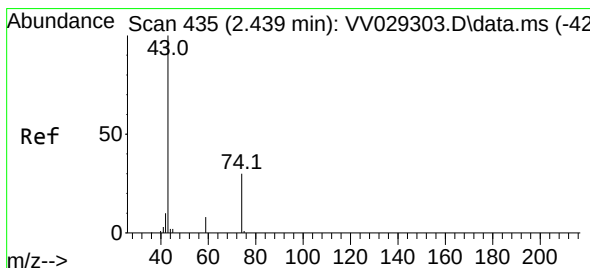
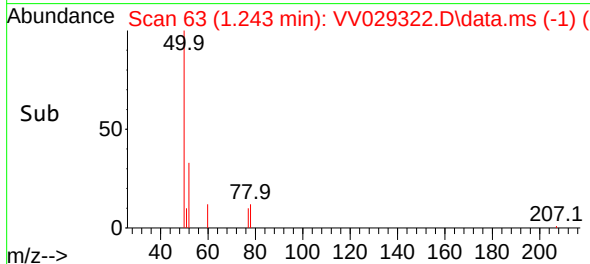
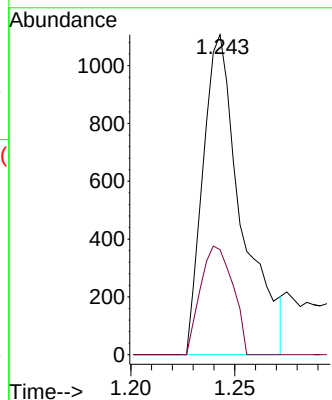
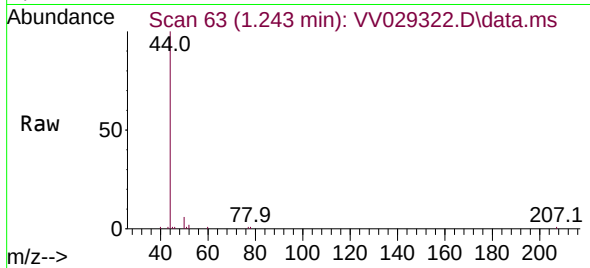




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029322.D
Acq: 24 Nov 2022 02:47

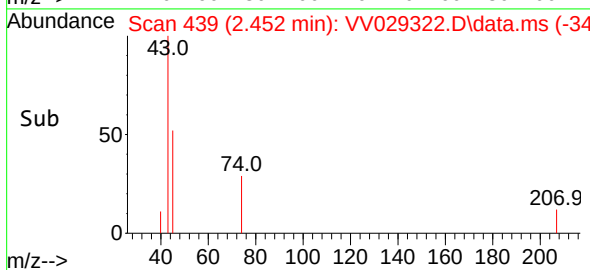
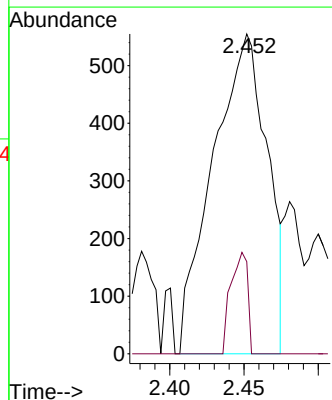
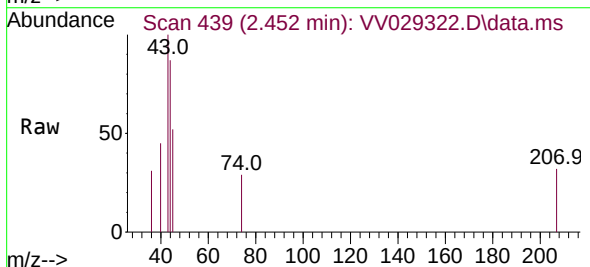
Instrument :
MSVOA_V
ClientSampleId :

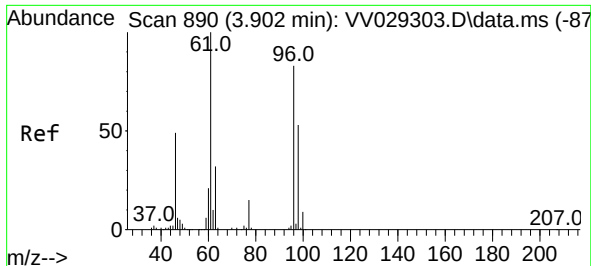
Tgt Ion: 50 Resp: 1427
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2



#15
Methyl Acetate
Concen: 0.246 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.013 min
Lab File: VV029322.D
Acq: 24 Nov 2022 02:47

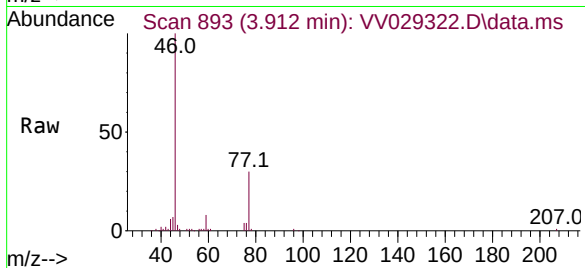
Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
74 9.8 19.6 29.4#



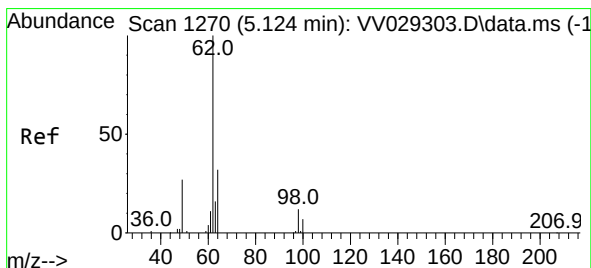
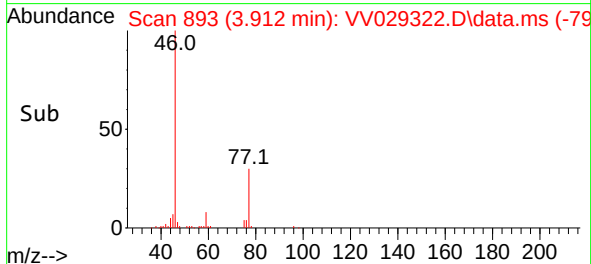
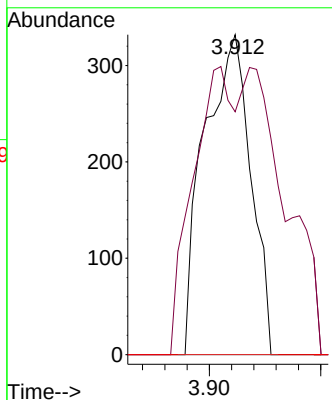


#22
 cis-1,2-Dichloroethene
 Concen: 0.027 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV029322.D
 Acq: 24 Nov 2022 02:47

Instrument :
 MSVOA_V
 ClientSampleId :

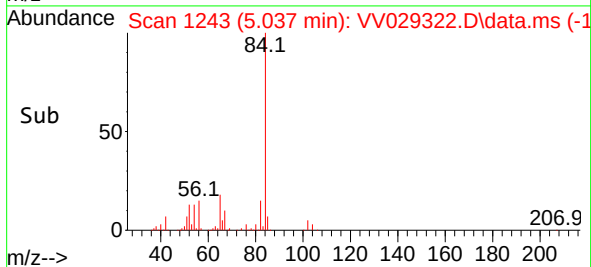
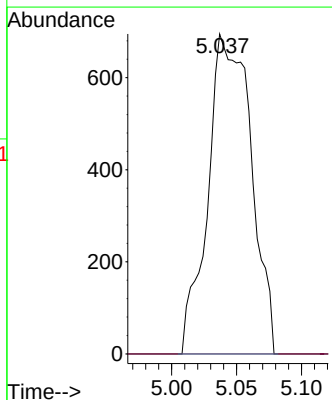
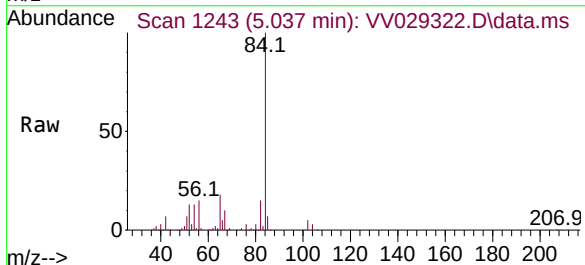


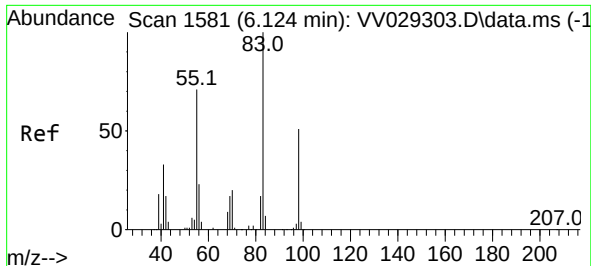
Tgt Ion: 96 Resp: 481
 Ion Ratio Lower Upper
 96 100
 61 75.9 85.8 159.3#
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.100 ug/L
 RT: 5.037 min Scan# 1243
 Delta R.T. -0.087 min
 Lab File: VV029322.D
 Acq: 24 Nov 2022 02:47

Tgt Ion: 62 Resp: 1608
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#

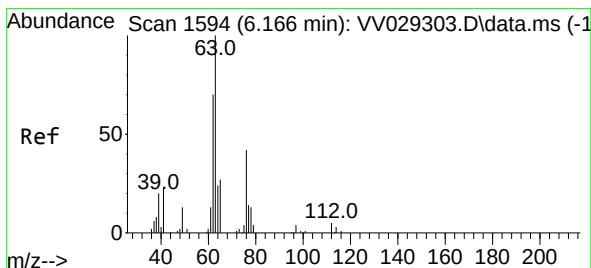
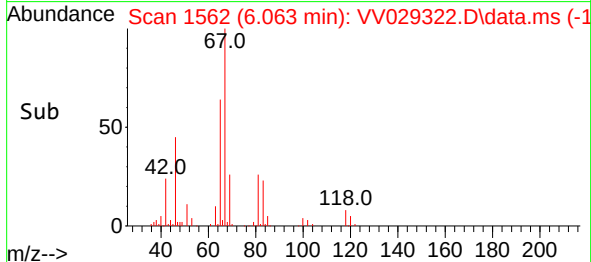
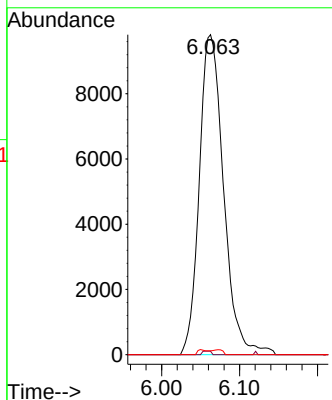
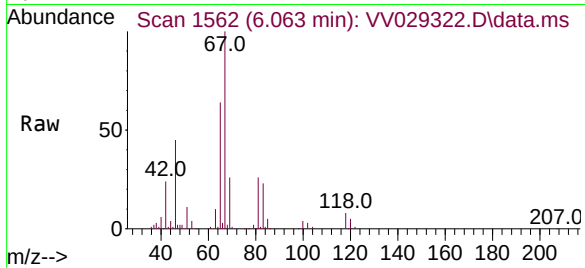




#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029322.D
Acq: 24 Nov 2022 02:47

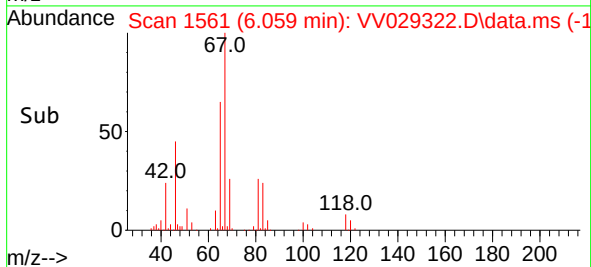
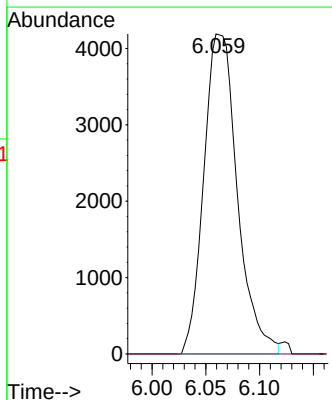
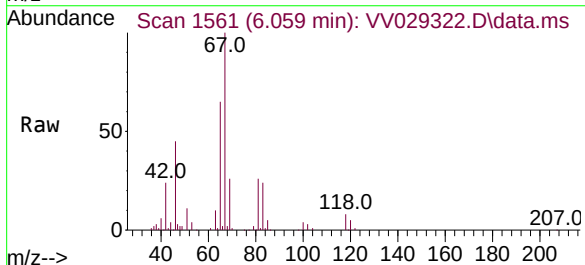
Instrument :
MSVOA_V
ClientSampleId :

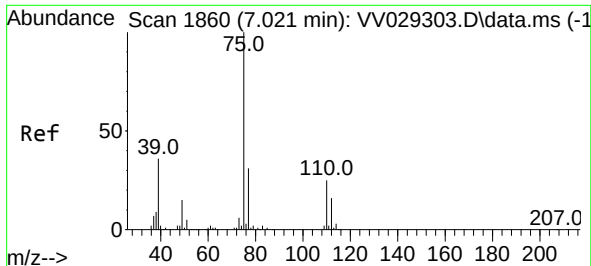
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	55.4	83.2#
98	0.7	39.4	59.2#



#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.106 min
Lab File: VV029322.D
Acq: 24 Nov 2022 02:47

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





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV029322.D

Acq: 24 Nov 2022 02:47

Instrument :

MSVOA_V

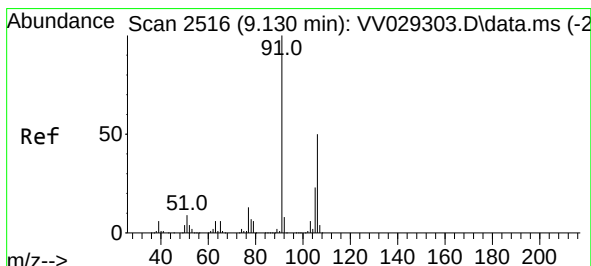
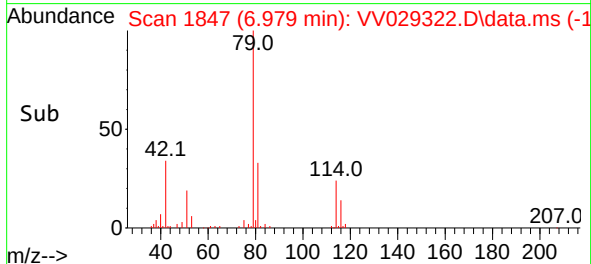
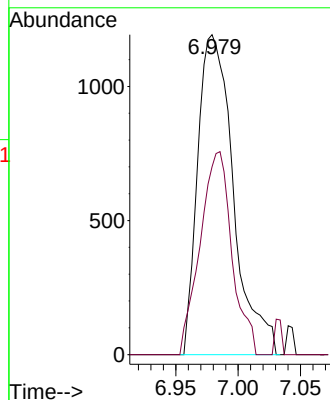
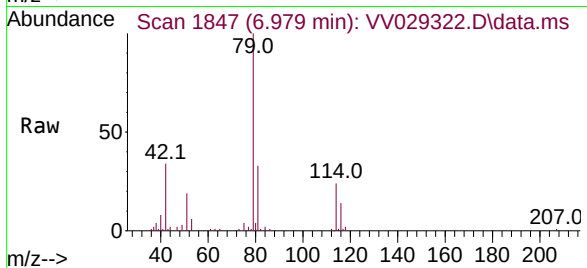
ClientSampleId :

Tgt Ion: 75 Resp: 2372

Ion Ratio Lower Upper

75 100

77 58.7 22.7 42.3#



#53

m,p-Xylene

Concen: 0.060 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029322.D

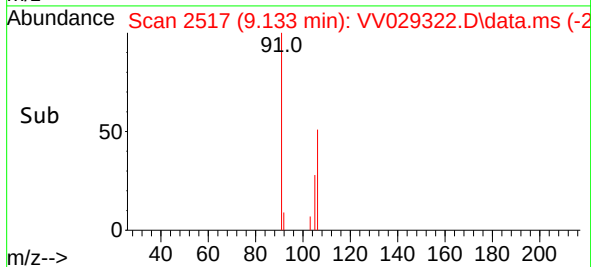
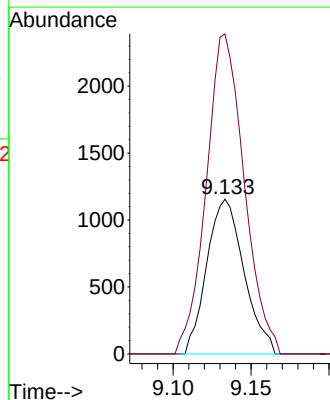
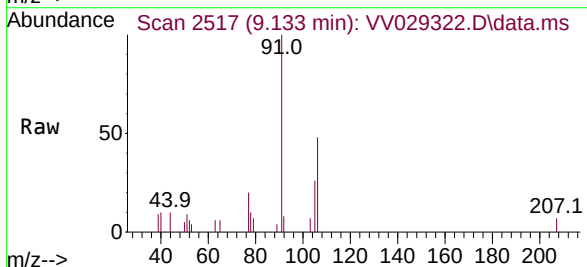
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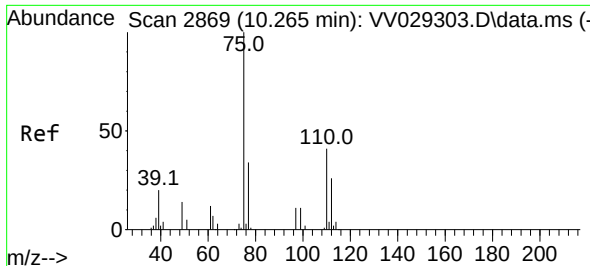
Tgt Ion: 106 Resp: 1919

Ion Ratio Lower Upper

106 100

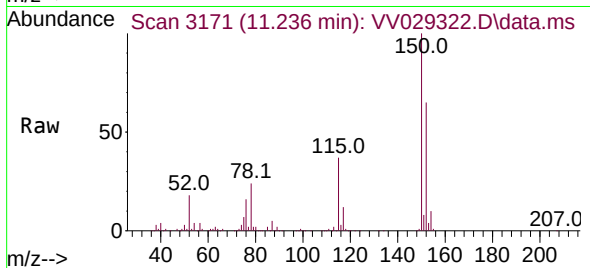
91 206.9 140.6 261.2



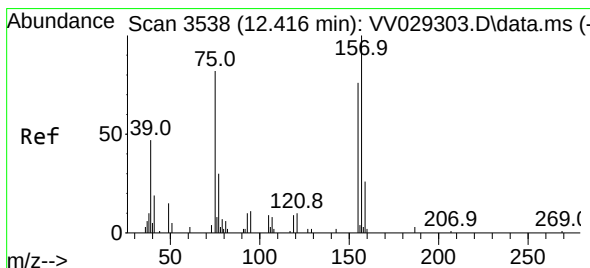
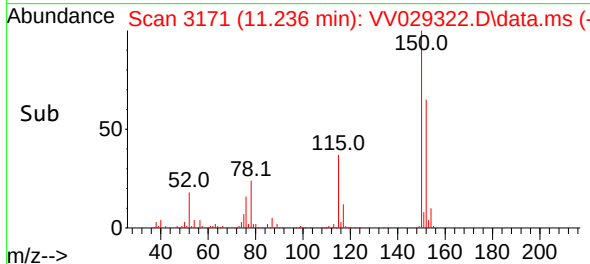
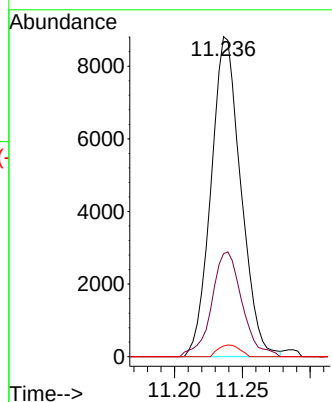


#61
1,2,3-Trichloropropane
Concen: 1.564 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.971 min
Lab File: VV029322.D
Acq: 24 Nov 2022 02:47

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ClientSampleId :

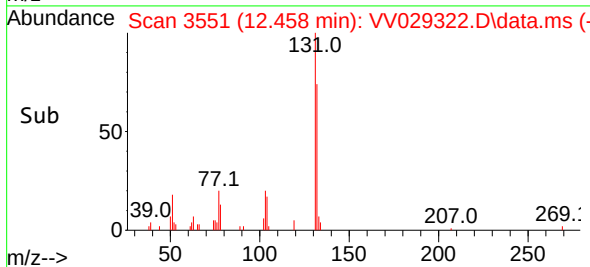
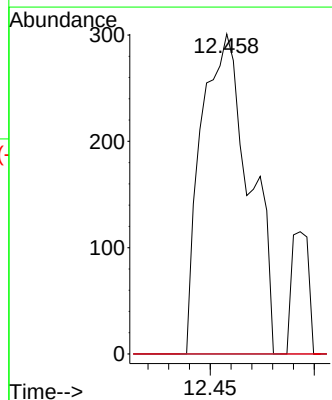
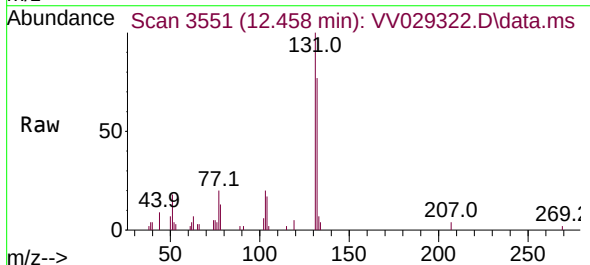


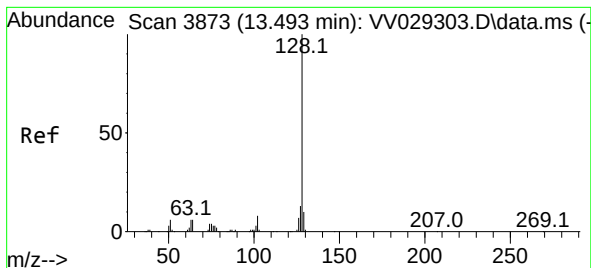
Tgt Ion: 75 Resp: 13481
Ion Ratio Lower Upper
75 100
77 33.3 26.7 40.1
110 2.6 32.2 48.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.287 ug/L
RT: 12.458 min Scan# 3551
Delta R.T. 0.042 min
Lab File: VV029322.D
Acq: 24 Nov 2022 02:47

Tgt Ion: 75 Resp: 485
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#





#71

Naphthalene

Concen: 0.266 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

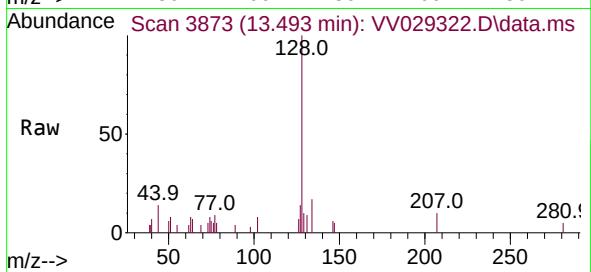
Lab File: VV029322.D

Acq: 24 Nov 2022 02:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 5756

Ion Ratio Lower Upper

128 100

129 8.9 8.9 13.3

127 10.4 10.6 15.8#

