

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029358.D
 Acq On : 25 Nov 2022 16:12
 Operator : SY/MD
 Sample : N5770-06DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G3DL

Quant Time: Nov 25 21:32:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

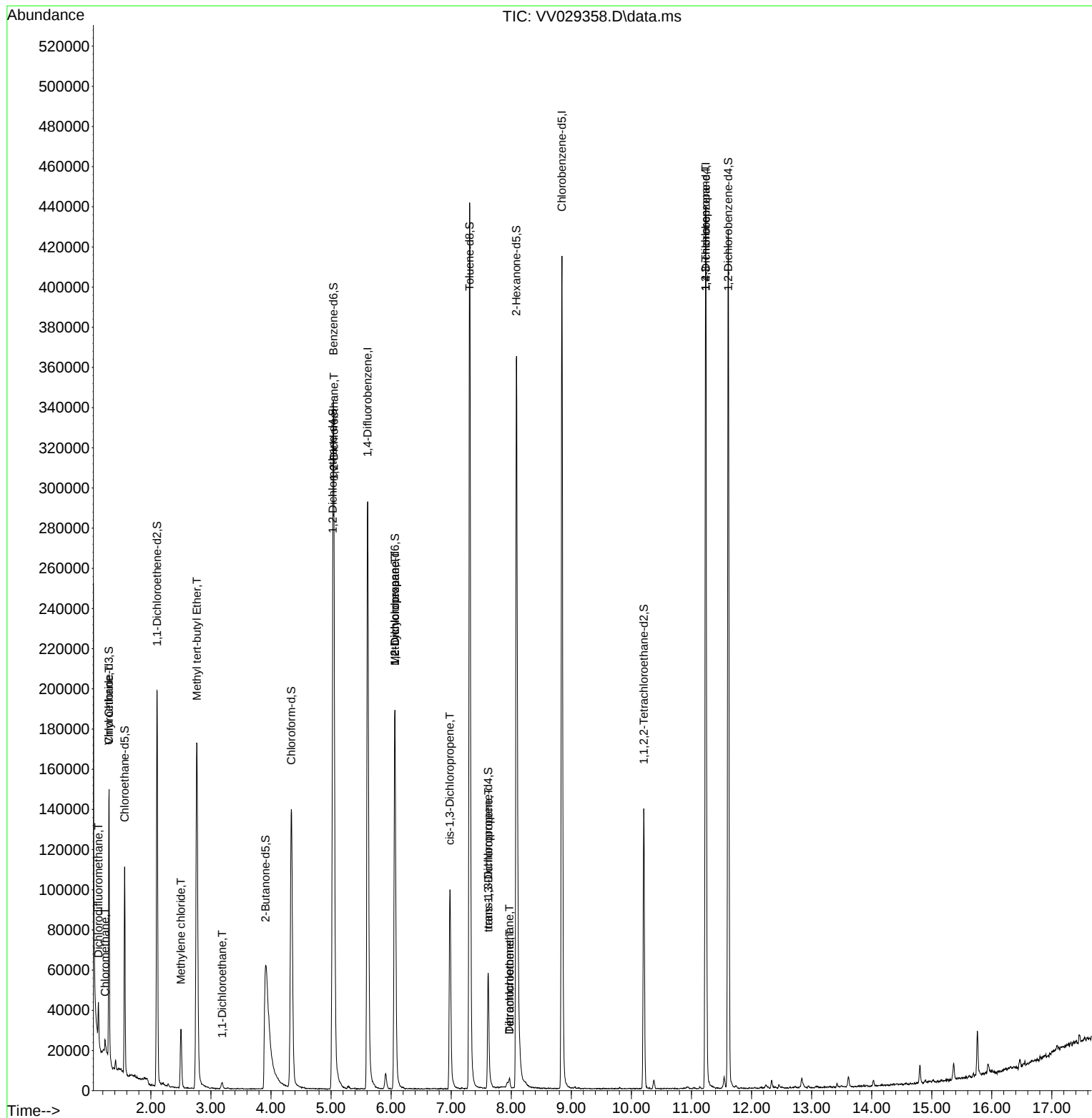
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	272449	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	243782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	121765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83744	4.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.565	69	64498	5.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.102	63	101254	3.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.909	46	170116	60.651	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.300%
24) Chloroform-d	4.339	84	151824	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.027	65	72344	5.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.040	84	343128	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.063	67	101393	5.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.307	98	311166	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.616	79	36692	5.027	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.085	63	151243	58.129	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.260%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67912	5.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	116191	5.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	9243	0.455	ug/L	99
3) Chloromethane	1.240	50	5866	0.315	ug/L	97
8) Chloroethane	1.304	64	997	0.090	ug/L #	1
16) Methylene chloride	2.500	84	13001	0.607	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	194053	5.418	ug/L	99
19) 1,1-Dichloroethane	3.188	63	3752	0.130	ug/L	93
27) 1,2-Dichloroethane	5.050	62	1643	0.100	ug/L #	72
35) Methylcyclohexane	6.063	83	23736	0.756	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10556	0.615	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2471	0.098	ug/L #	53
44) trans-1,3-Dichloropropene	7.619	75	1496	0.075	ug/L #	58
47) Tetrachloroethene	7.973	164	1125	0.074	ug/L	88
49) Dibromochloromethane	7.969	129	1190	0.091	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	13711	1.624	ug/L #	66

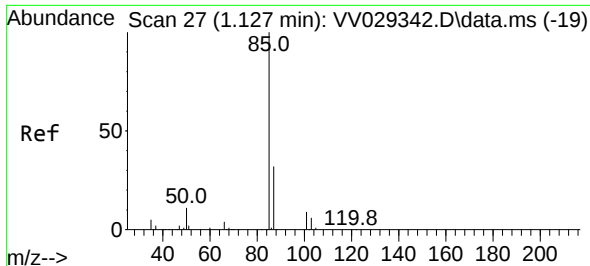
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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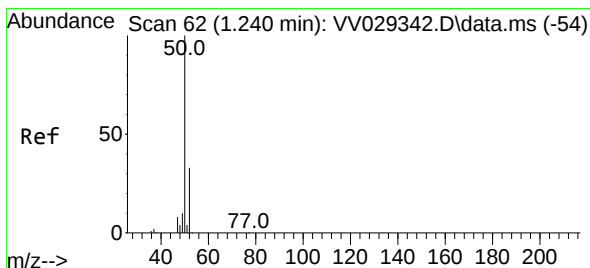
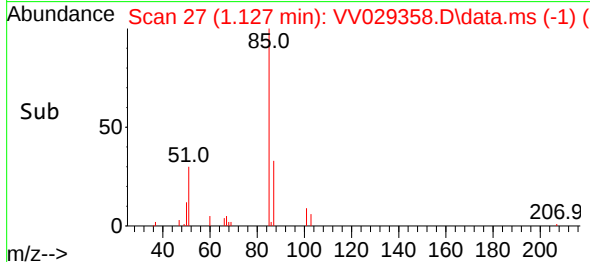
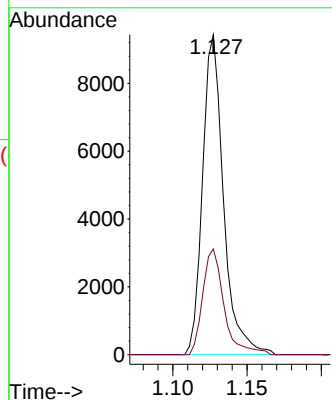
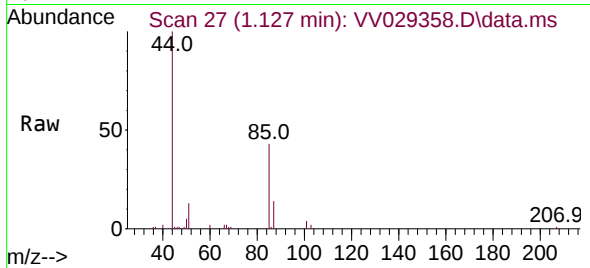




#2
 Dichlorodifluoromethane
 Concen: 0.455 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029358.D
 Acq: 25 Nov 2022 16:12

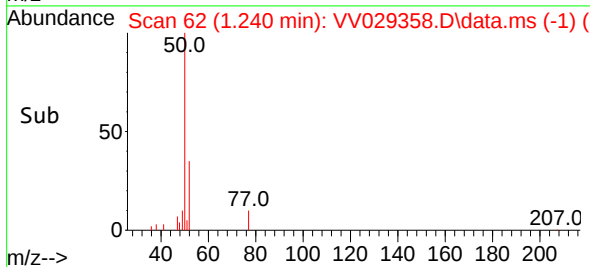
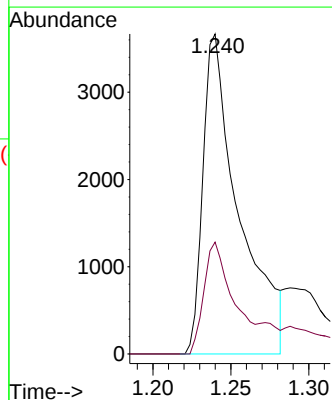
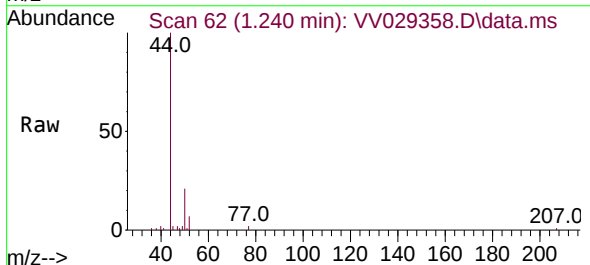
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G3DL

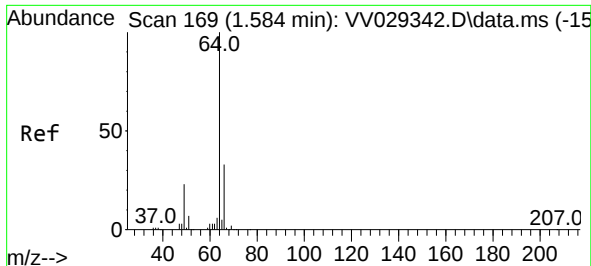
Tgt Ion: 85 Resp: 9243
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.2 39.4



#3
 Chloromethane
 Concen: 0.315 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029358.D
 Acq: 25 Nov 2022 16:12

Tgt Ion: 50 Resp: 5866
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.2 43.2

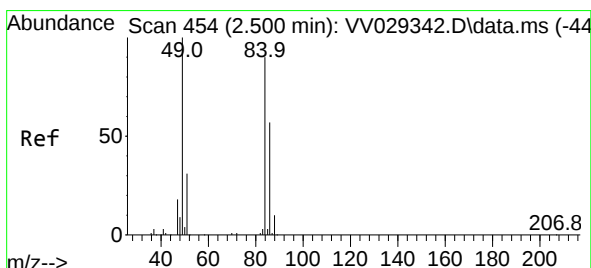
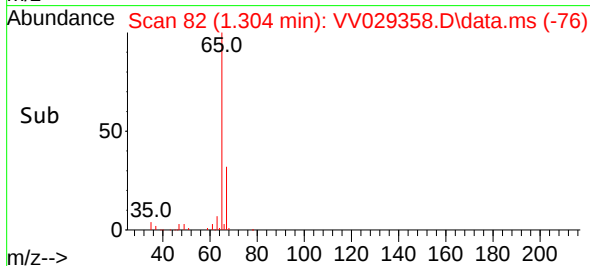
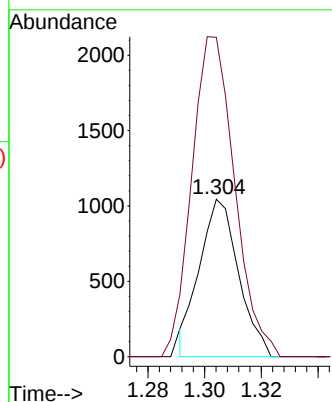
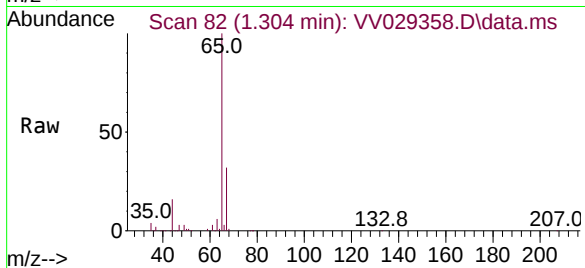




#8
Chloroethane
Concen: 0.090 ug/L
RT: 1.304 min Scan# 81
Delta R.T. -0.280 min
Lab File: VV029358.D
Acq: 25 Nov 2022 16:12

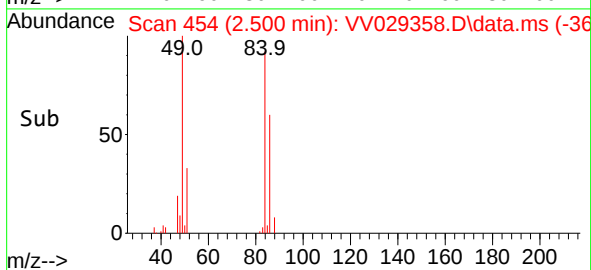
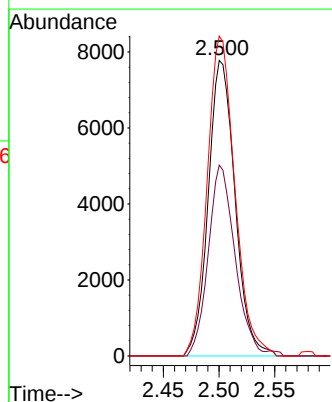
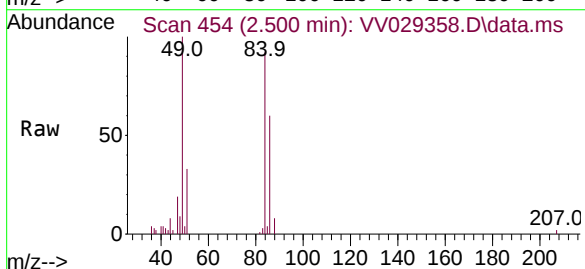
Instrument :
MSVOA_V
ClientSampleId :
BH1G3DL

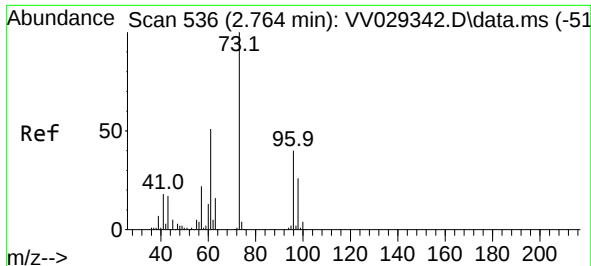
Tgt Ion: 64 Resp: 997
Ion Ratio Lower Upper
64 100
66 203.0 23.5 43.7#



#16
Methylene chloride
Concen: 0.607 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029358.D
Acq: 25 Nov 2022 16:12

Tgt Ion: 84 Resp: 13001
Ion Ratio Lower Upper
84 100
86 64.6 45.6 84.6
49 108.3 77.8 144.4

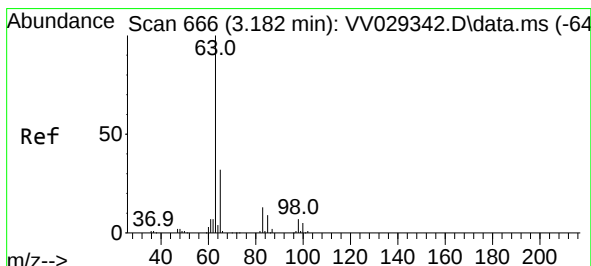
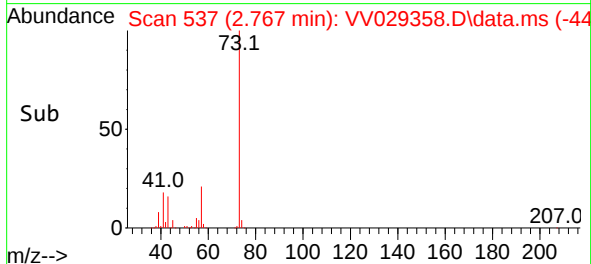
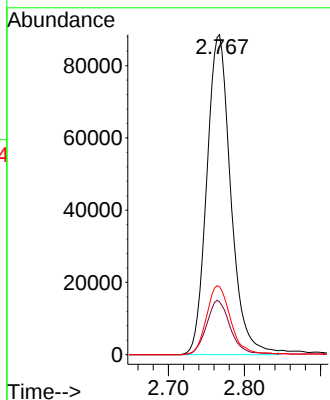
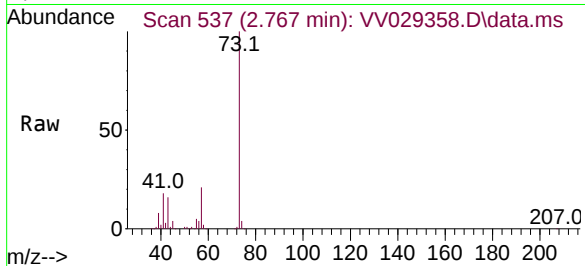




#17
Methyl tert-butyl Ether
Concen: 5.418 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029358.D
Acq: 25 Nov 2022 16:12

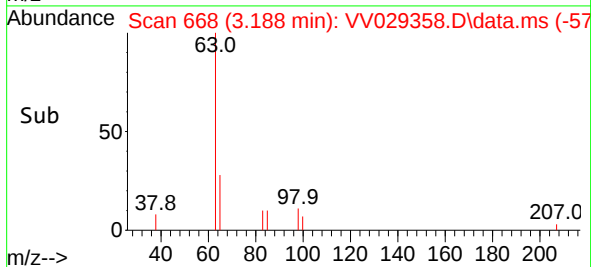
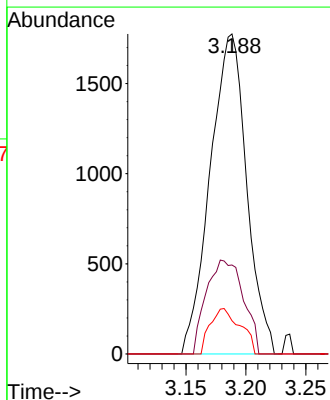
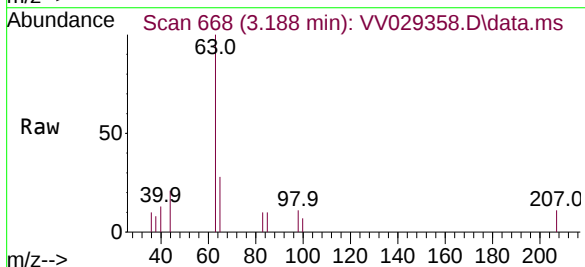
Instrument :
MSVOA_V
ClientSampleId :
BH1G3DL

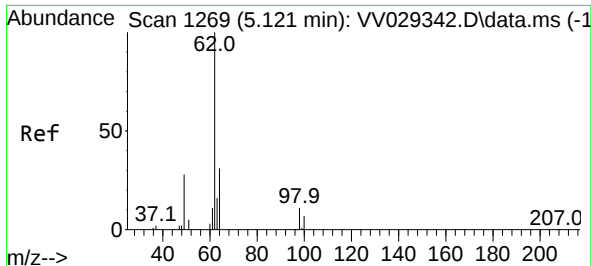
Tgt Ion: 73 Resp: 194053
Ion Ratio Lower Upper
73 100
43 16.9 13.2 19.8
57 21.9 16.9 25.3



#19
1,1-Dichloroethane
Concen: 0.130 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.007 min
Lab File: VV029358.D
Acq: 25 Nov 2022 16:12

Tgt Ion: 63 Resp: 3752
Ion Ratio Lower Upper
63 100
65 27.8 21.6 40.2
83 10.4 10.3 19.1





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV029358.D

Acq: 25 Nov 2022 16:12

Instrument :

MSVOA_V

ClientSampleId :

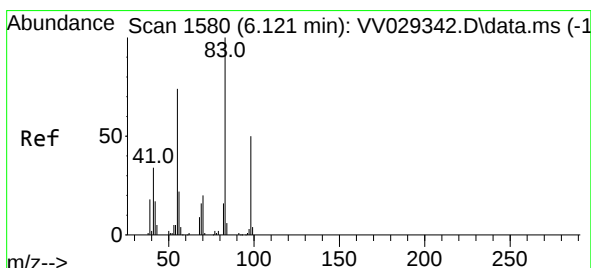
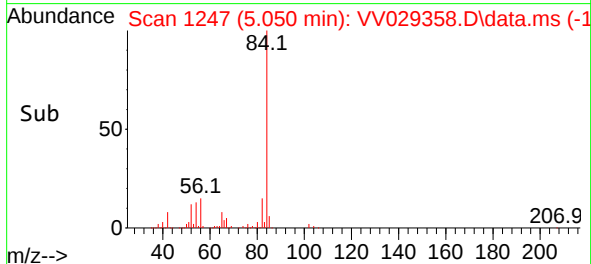
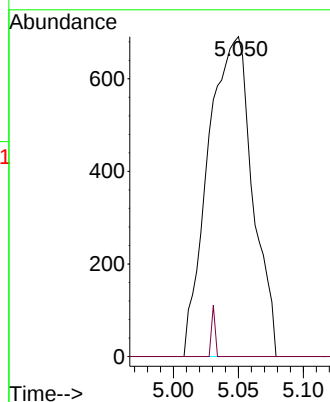
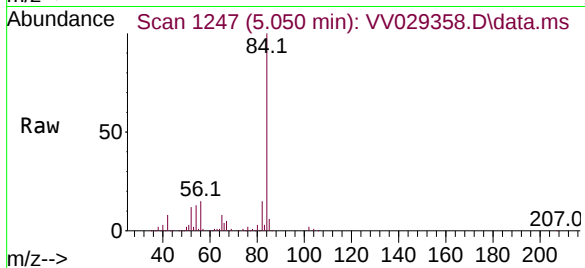
BH1G3DL

Tgt Ion: 62 Resp: 1643

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029358.D

Acq: 25 Nov 2022 16:12

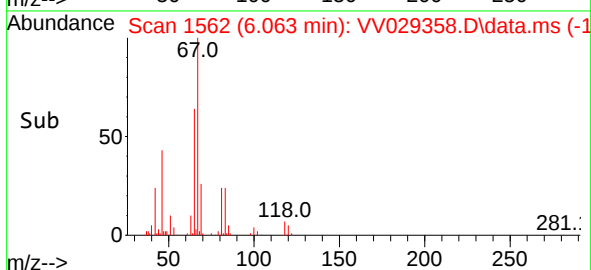
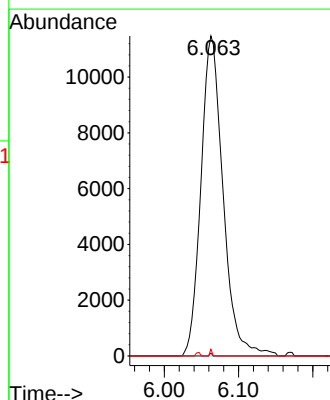
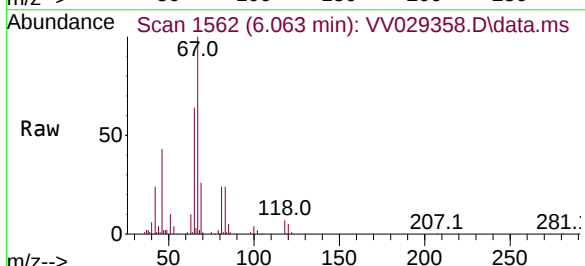
Tgt Ion: 83 Resp: 23736

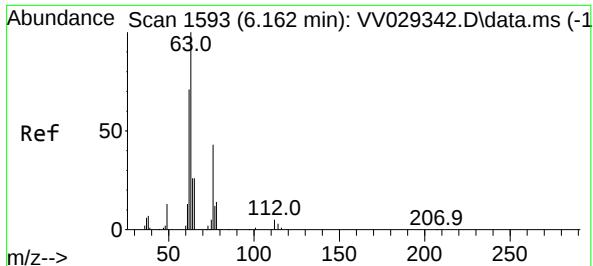
Ion Ratio Lower Upper

83 100

55 0.1 55.4 83.2#

98 0.2 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.615 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029358.D

Acq: 25 Nov 2022 16:12

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ClientSampleId :

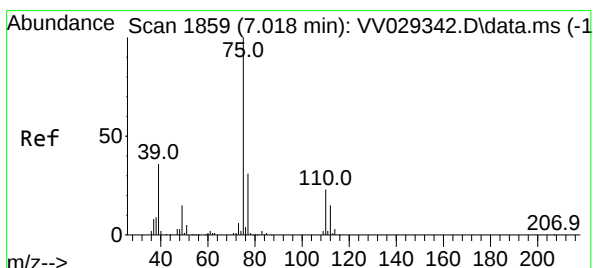
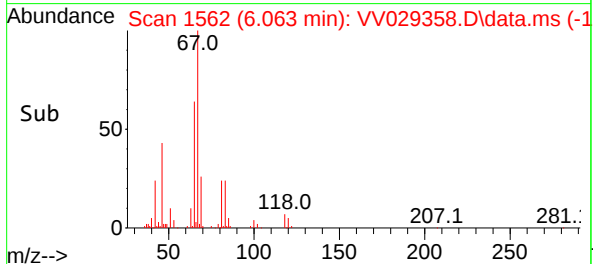
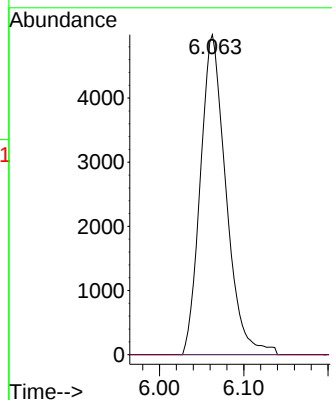
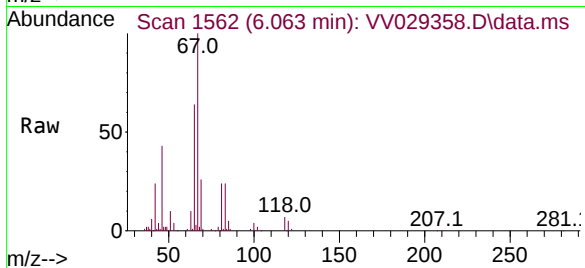
BH1G3DL

Tgt Ion: 63 Resp: 10556

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.038 min

Lab File: VV029358.D

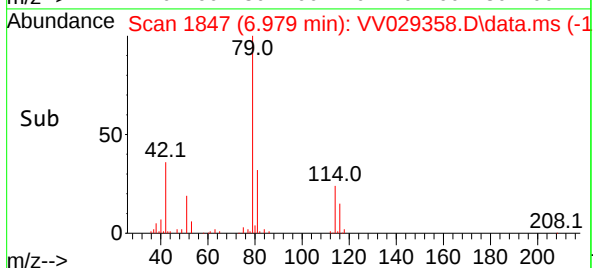
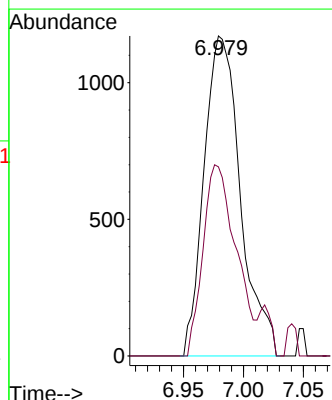
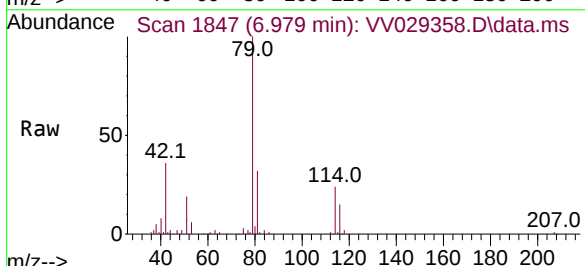
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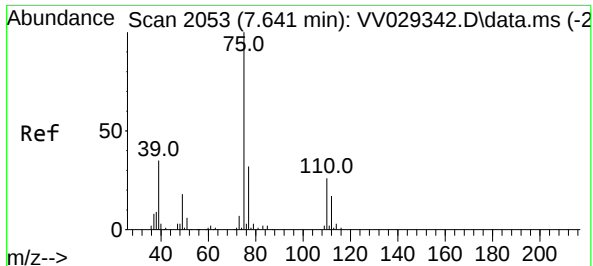
Tgt Ion: 75 Resp: 2471

Ion Ratio Lower Upper

75 100

77 59.1 22.7 42.3#

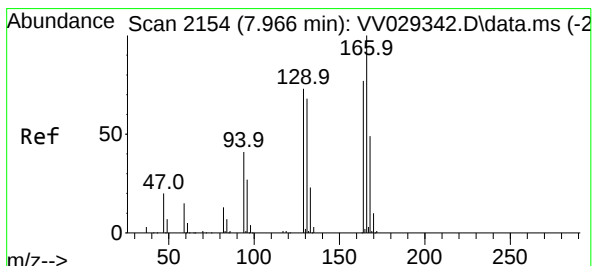
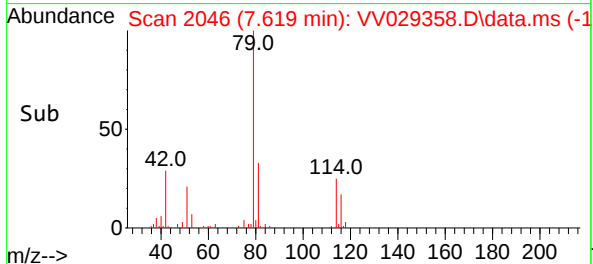
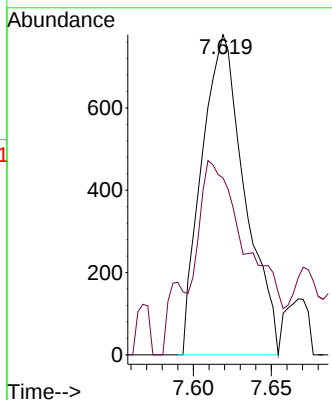
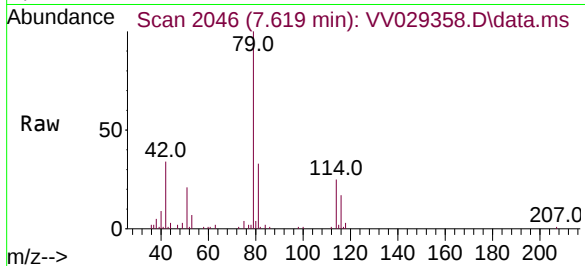




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.022 min
Lab File: VV029358.D
Acq: 25 Nov 2022 16:12

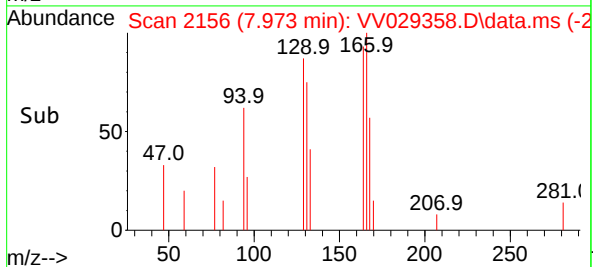
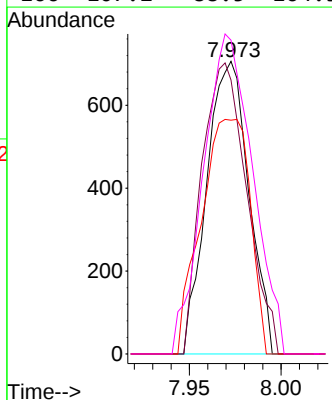
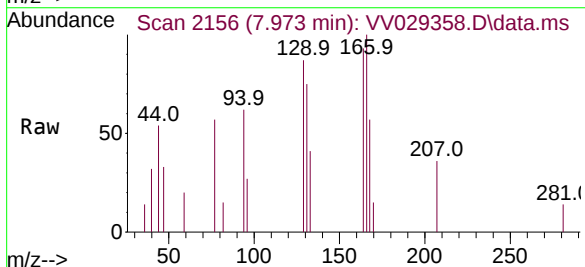
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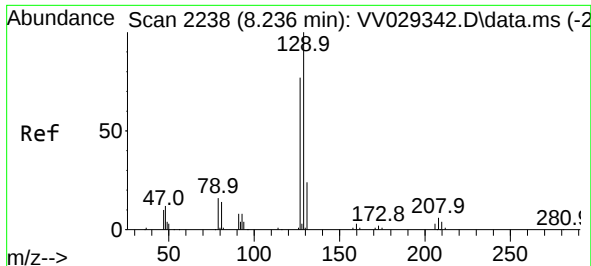
Tgt Ion: 75 Resp: 1496
Ion Ratio Lower Upper
75 100
77 55.3 22.4 41.6#



#47
Tetrachloroethene
Concen: 0.074 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.007 min
Lab File: VV029358.D
Acq: 25 Nov 2022 16:12

Tgt Ion:164 Resp: 1125
Ion Ratio Lower Upper
164 100
129 93.6 61.7 114.7
131 79.9 62.9 116.9
166 107.2 88.5 164.3

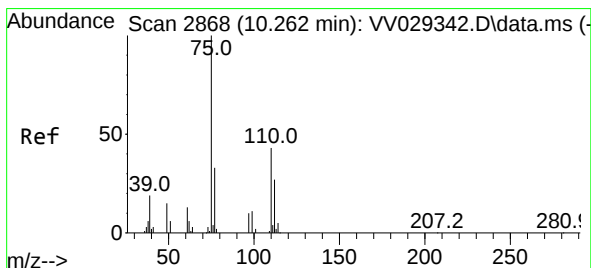
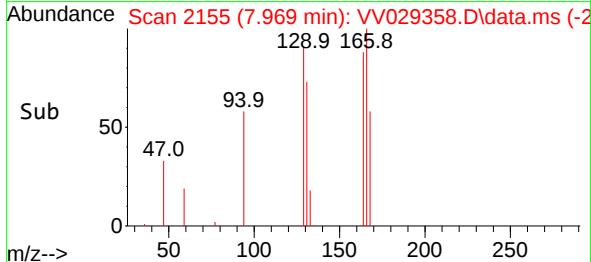
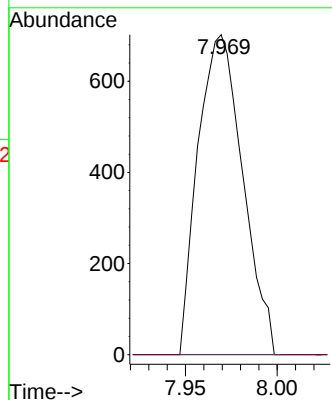
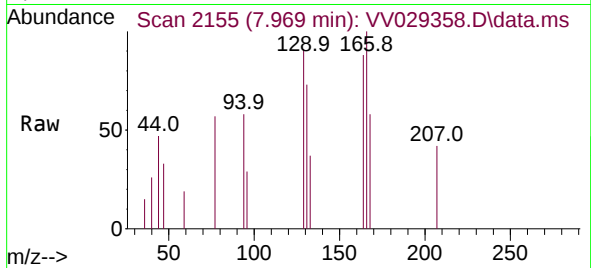




#49
Dibromochloromethane
Concen: 0.091 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV029358.D
Acq: 25 Nov 2022 16:12

Instrument :
MSVOA_V
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BH1G3DL

Tgt Ion:129 Resp: 1190
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.7#



#61
1,2,3-Trichloropropane
Concen: 1.624 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029358.D
Acq: 25 Nov 2022 16:12

Tgt Ion: 75 Resp: 13711
Ion Ratio Lower Upper
75 100
77 33.2 26.7 40.1
110 2.1 32.2 48.4#

