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 Data File : VW029350.D
 Acq On : 25 Nov 2022 12:57
 Operator : SY/MD
 Sample : N5710-06 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY5

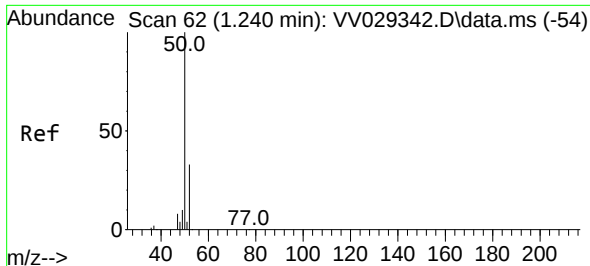
Quant Time: Nov 25 21:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	302237	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	269474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	142794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92503	4.973	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.564	69	70359	5.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.101	63	112975	3.796	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	3.899	46	166829	53.617	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.240%	
24) Chloroform-d	4.336	84	162858	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.021	65	74641	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.037	84	361562	4.855	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.059	67	108469	5.183	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.304	98	328517	4.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	7.612	79	40449	5.013	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.082	63	135349	47.061	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.120%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70723	5.477	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.600%	
66) 1,2-Dichlorobenzene-d4	11.612	152	124590	4.994	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	6091	0.295	ug/L	97
5) Vinyl chloride	1.307	62	2971	0.144	ug/L #	47
12) 1,1-Dichloroethene	2.111	96	4303	0.277	ug/L #	1
14) Carbon disulfide	2.288	76	6610	0.146	ug/L	96
16) Methylene chloride	2.500	84	11333	0.477	ug/L	97
19) 1,1-Dichloroethane	3.178	63	2244	0.070	ug/L #	87
22) cis-1,2-Dichloroethene	3.902	96	13652	0.669	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	502	0.016	ug/L	89
34) Trichloroethene	5.905	95	23969	1.166	ug/L	96
35) Methylcyclohexane	6.059	83	25495	0.735	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	10814	0.570	ug/L #	85
44) trans-1,3-Dichloropropene	7.609	75	1650	0.075	ug/L #	66
47) Tetrachloroethene	7.966	164	21840	1.296	ug/L	97
49) Dibromochloromethane	7.966	129	19805	1.370	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	16546	1.671	ug/L #	66
71) Naphthalene	13.496	128	1577	0.063	ug/L #	86

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

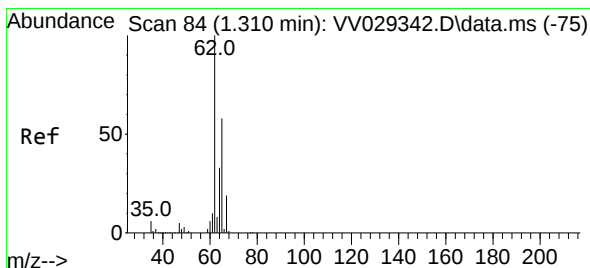
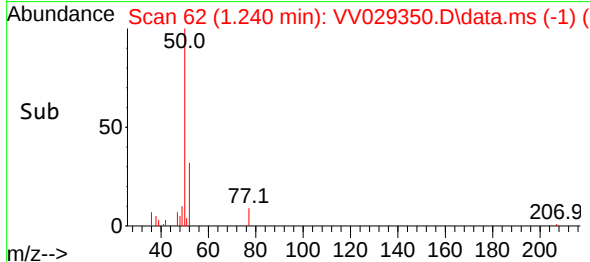
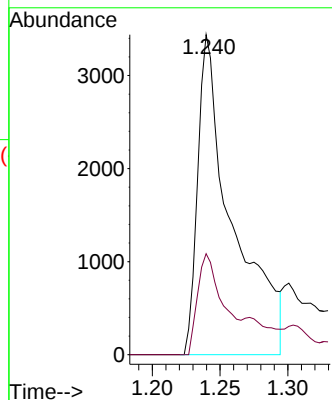
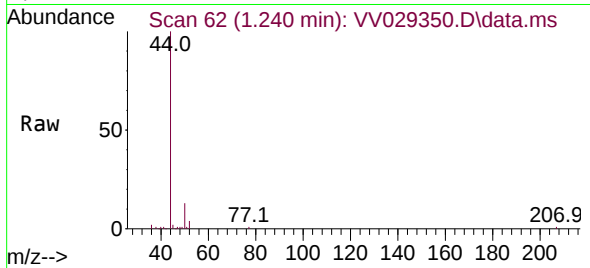
Instrument :
MSVOA_V
ClientSampleId :
C0KY5



#3
Chloromethane
Concen: 0.295 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

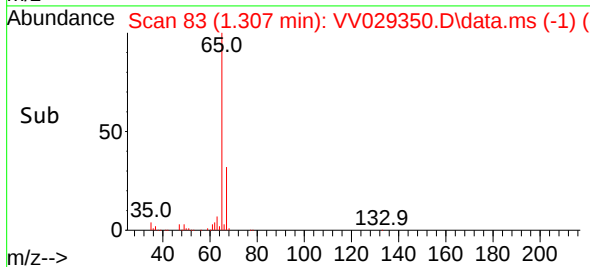
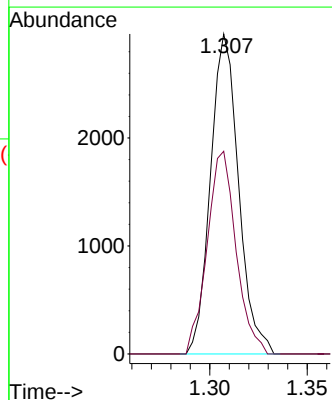
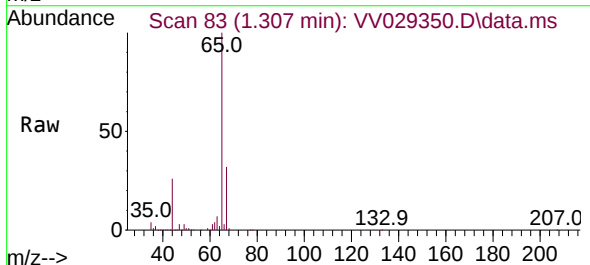
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ClientSampleId :
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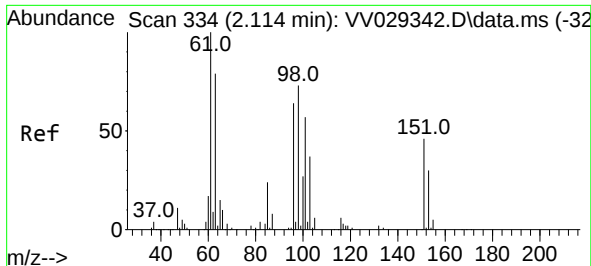
Tgt Ion: 50 Resp: 6091
Ion Ratio Lower Upper
50 100
52 31.5 23.2 43.2



#5
Vinyl chloride
Concen: 0.144 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

Tgt Ion: 62 Resp: 2971
Ion Ratio Lower Upper
62 100
64 63.3 23.4 43.4#

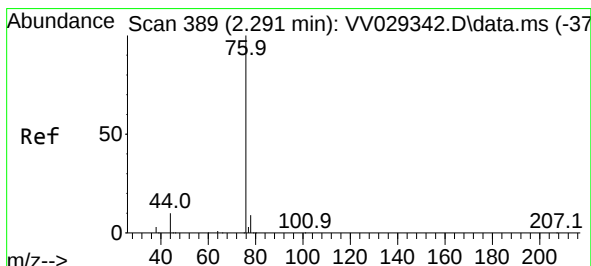
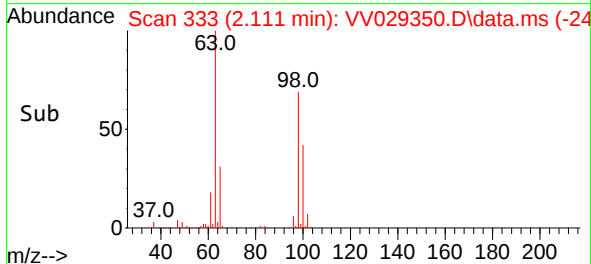
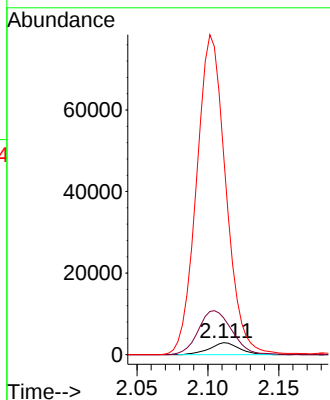
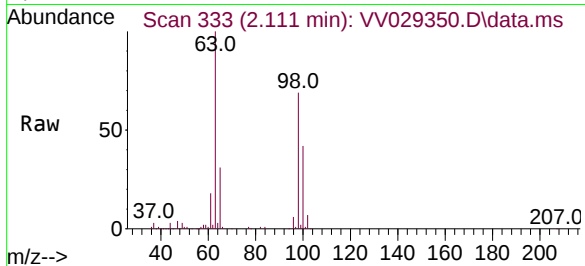




#12
1,1-Dichloroethene
Concen: 0.277 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

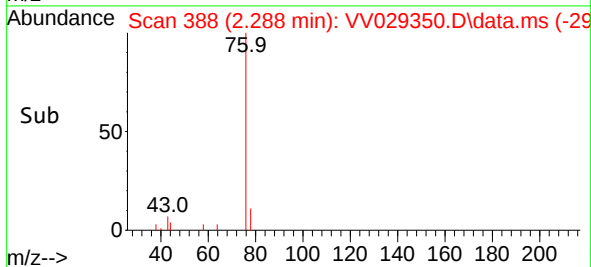
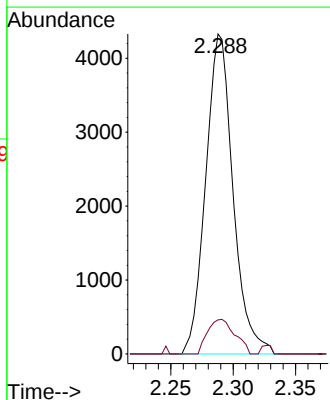
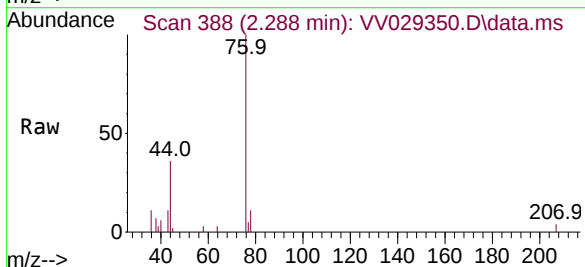
Instrument :
MSVOA_V
ClientSampleId :
C0KY5

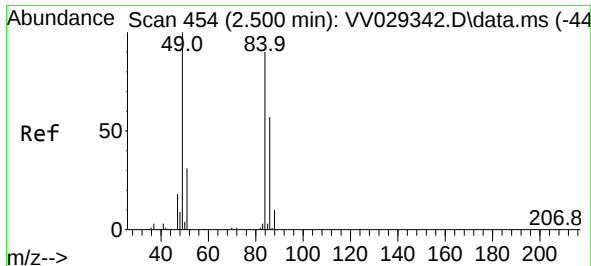
Tgt Ion: 96 Resp: 4303
Ion Ratio Lower Upper
96 100
61 307.9 110.3 204.9#
63 1684.4 84.4 156.8#



#14
Carbon disulfide
Concen: 0.146 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

Tgt Ion: 76 Resp: 6610
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2

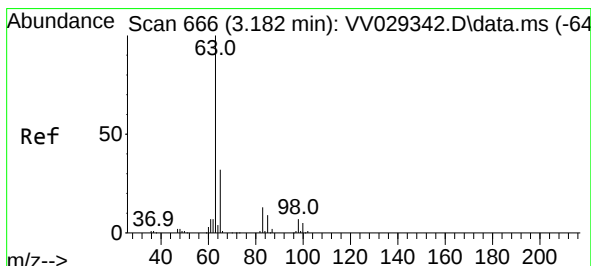
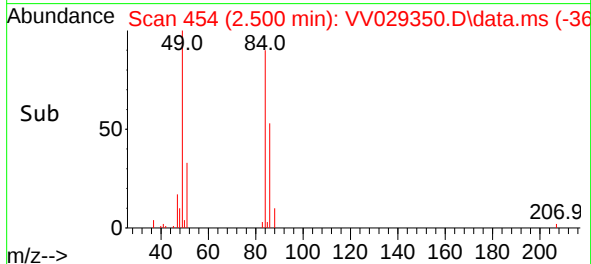
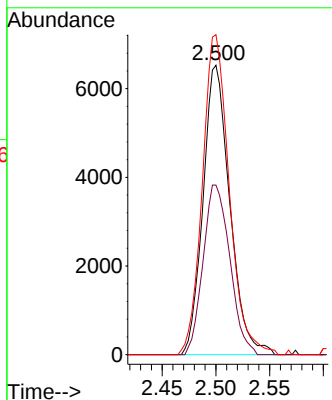
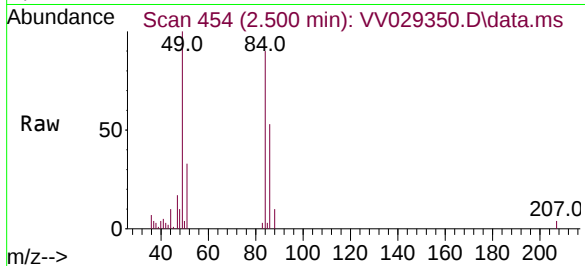




#16
Methylene chloride
Concen: 0.477 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

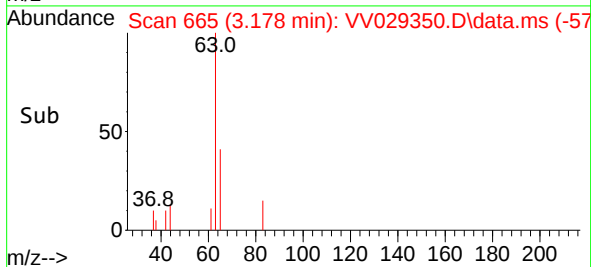
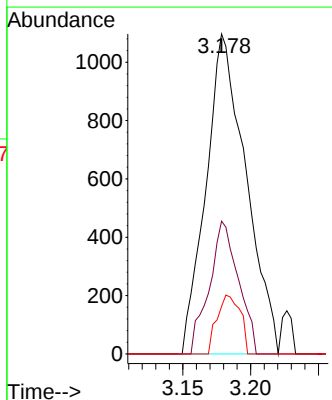
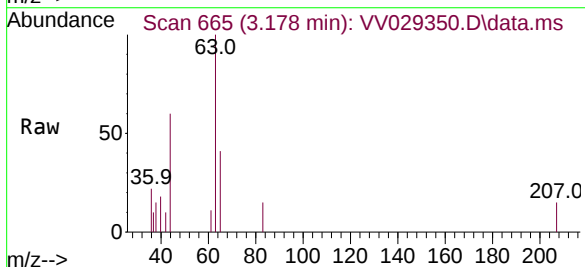
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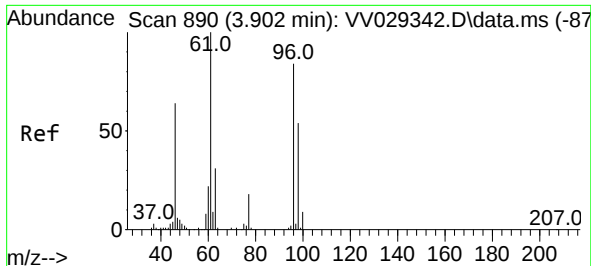
Tgt Ion: 84 Resp: 11333
Ion Ratio Lower Upper
84 100
86 58.6 45.6 84.6
49 110.6 77.8 144.4



#19
1,1-Dichloroethane
Concen: 0.070 ug/L
RT: 3.178 min Scan# 665
Delta R.T. -0.003 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

Tgt Ion: 63 Resp: 2244
Ion Ratio Lower Upper
63 100
65 41.5 21.6 40.2#
83 14.9 10.3 19.1

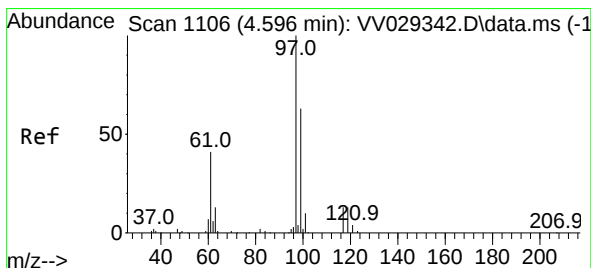
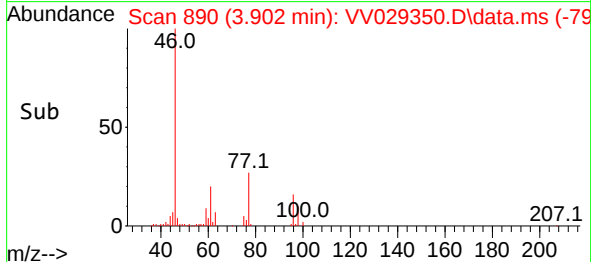
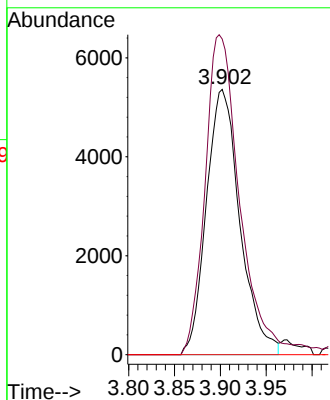
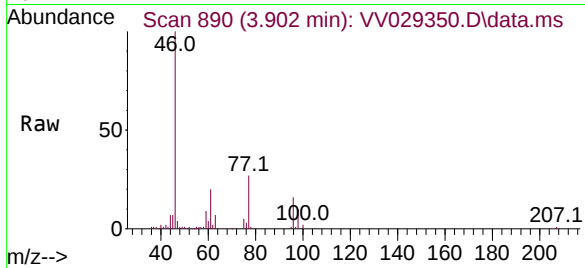




#22
 cis-1,2-Dichloroethene
 Concen: 0.669 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029350.D
 Acq: 25 Nov 2022 12:57

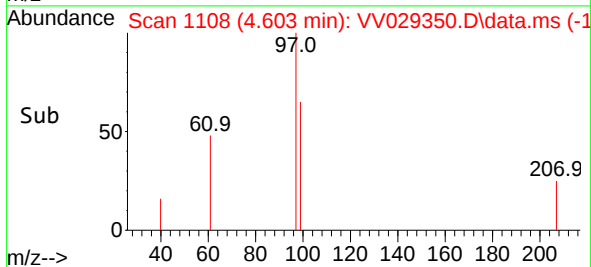
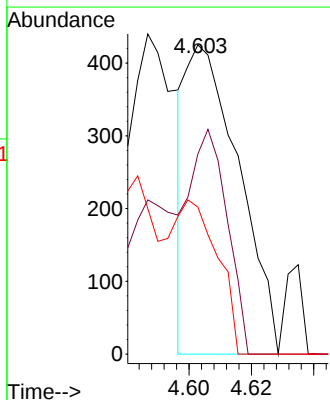
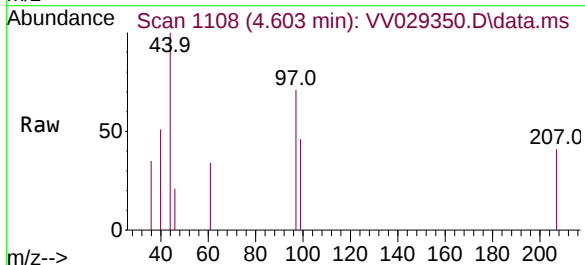
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 ClientSampleId :
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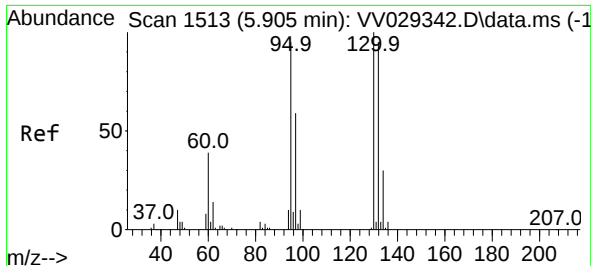
Tgt Ion: 96 Resp: 13652
 Ion Ratio Lower Upper
 96 100
 61 119.0 85.8 159.3
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.016 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: VV029350.D
 Acq: 25 Nov 2022 12:57

Tgt Ion: 97 Resp: 502
 Ion Ratio Lower Upper
 97 100
 99 51.8 51.2 76.8
 61 38.8 33.3 49.9



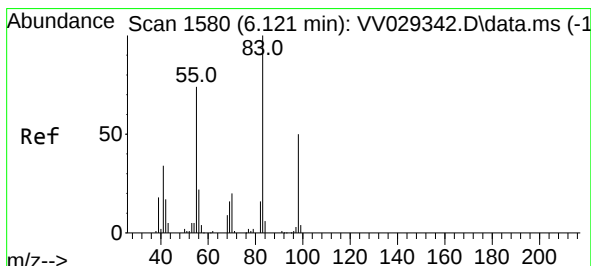
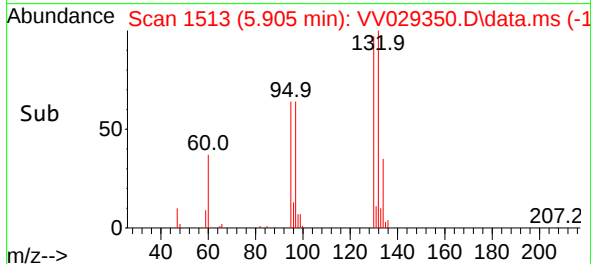
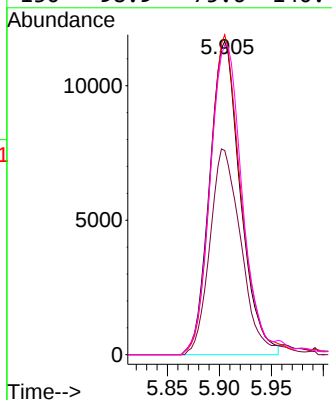
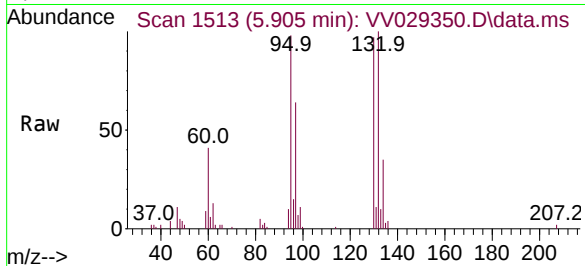


#34
 Trichloroethene
 Concen: 1.166 ug/L
 RT: 5.905 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VV029350.D
 Acq: 25 Nov 2022 12:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY5

Tgt Ion: 95 Resp: 23969

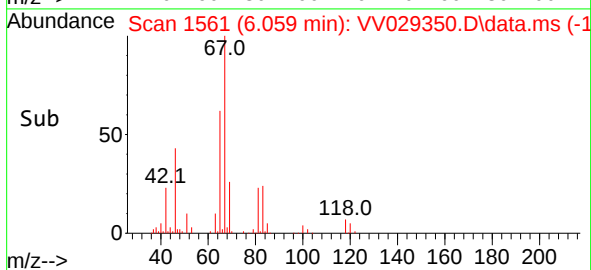
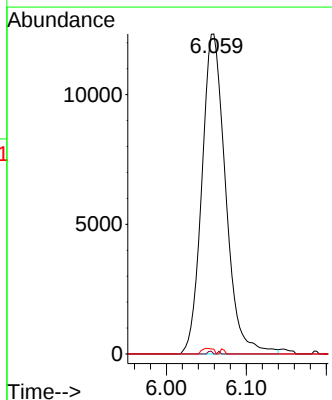
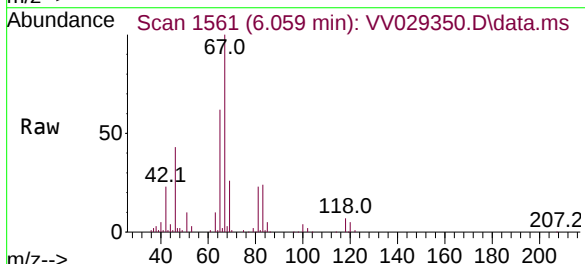
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.4	84.4
132	102.1	73.3	136.1
130	98.9	75.6	140.4

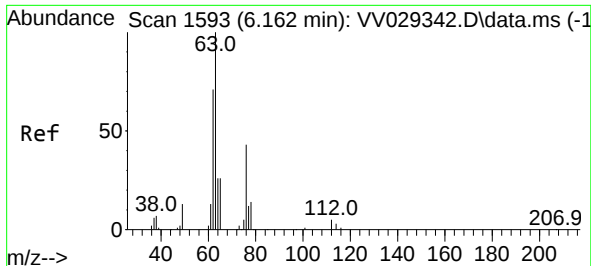


#35
 Methylcyclohexane
 Concen: 0.735 ug/L
 RT: 6.059 min Scan# 1561
 Delta R.T. -0.061 min
 Lab File: VV029350.D
 Acq: 25 Nov 2022 12:57

Tgt Ion: 83 Resp: 25495

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.4	83.2#
98	0.9	39.4	59.2#

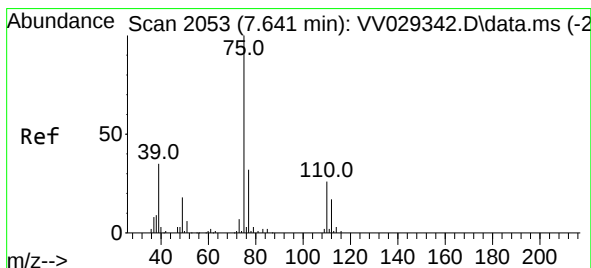
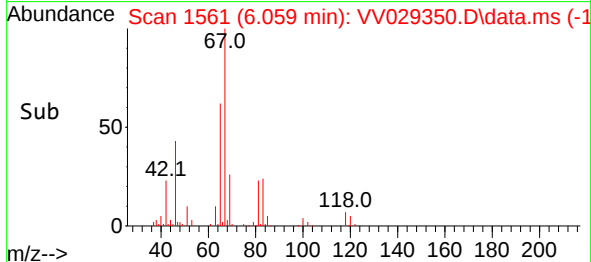
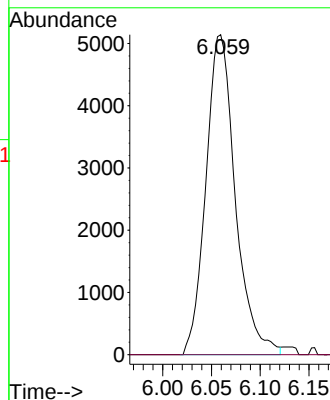
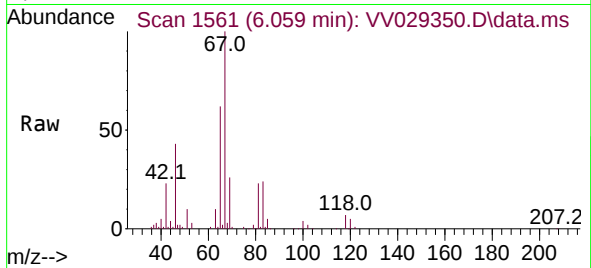




#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.059 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

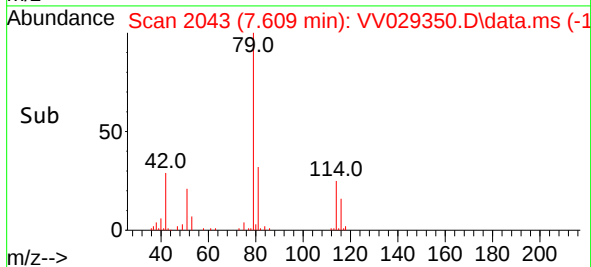
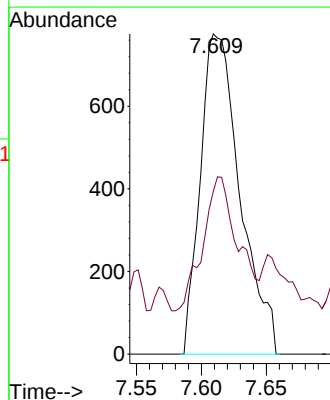
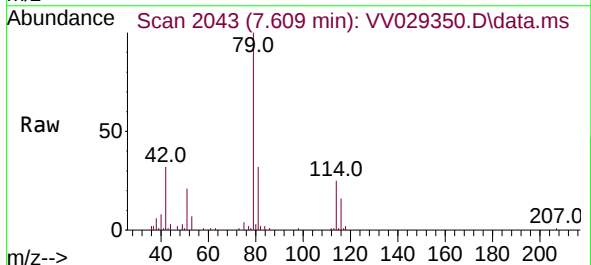
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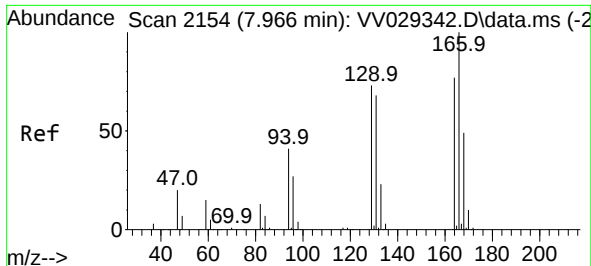
Tgt Ion: 63 Resp: 10814
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.609 min Scan# 2043
Delta R.T. -0.032 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

Tgt Ion: 75 Resp: 1650
Ion Ratio Lower Upper
75 100
77 50.8 22.4 41.6#

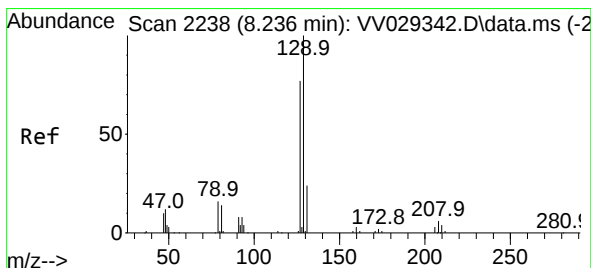
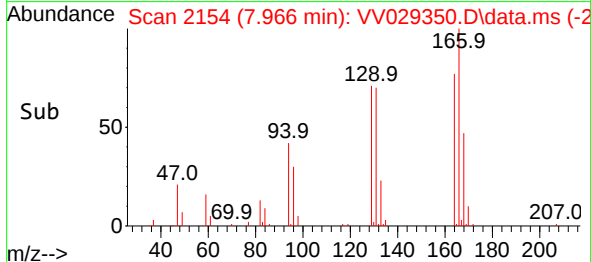
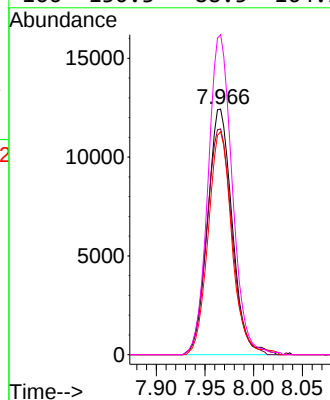
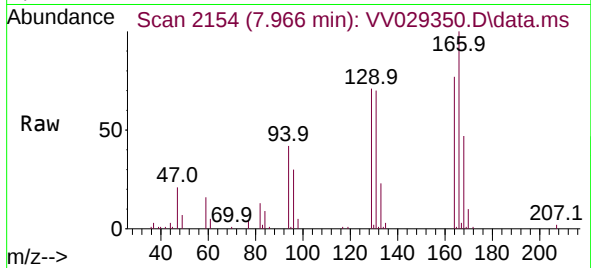




#47
Tetrachloroethene
Concen: 1.296 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

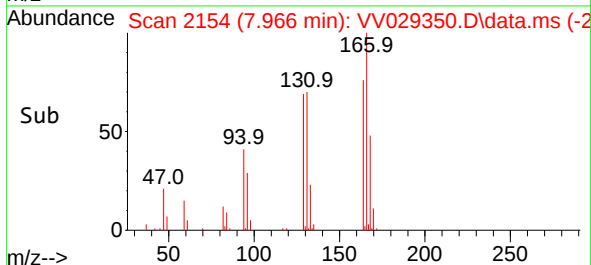
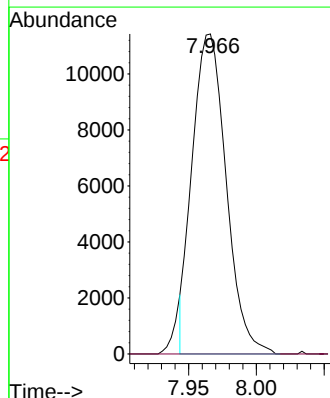
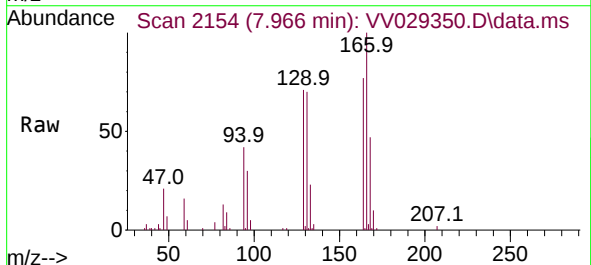
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ClientSampleId :
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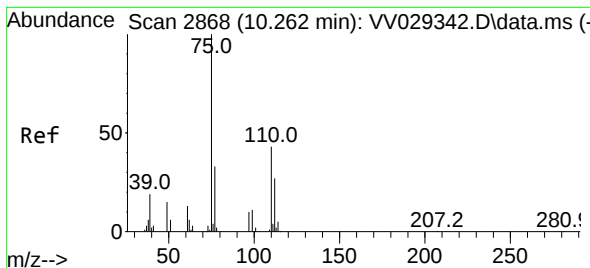
Tgt Ion:	164	Resp:	21840
Ion	Ratio	Lower	Upper
164	100		
129	91.9	61.7	114.7
131	90.7	62.9	116.9
166	130.3	88.5	164.3



#49
Dibromochloromethane
Concen: 1.370 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.270 min
Lab File: VV029350.D
Acq: 25 Nov 2022 12:57

Tgt Ion:	129	Resp:	19805
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.7#





#61

1,2,3-Trichloropropane

Concen: 1.671 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029350.D

Acq: 25 Nov 2022 12:57

Instrument :

MSVOA_V

ClientSampleId :

C0KY5

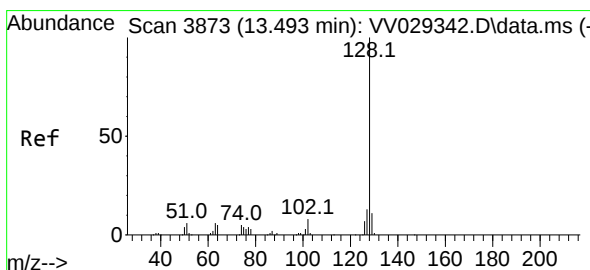
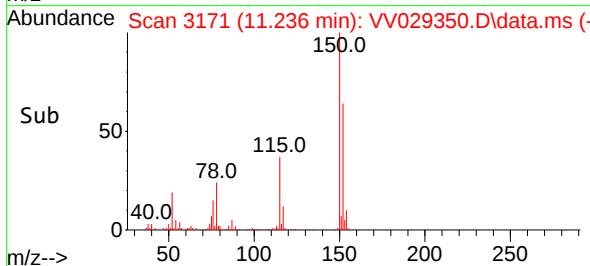
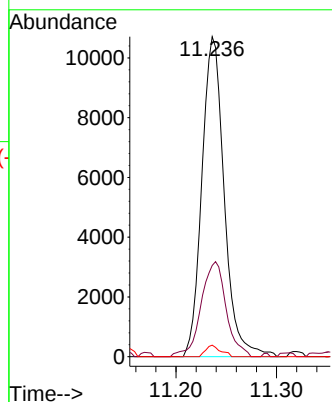
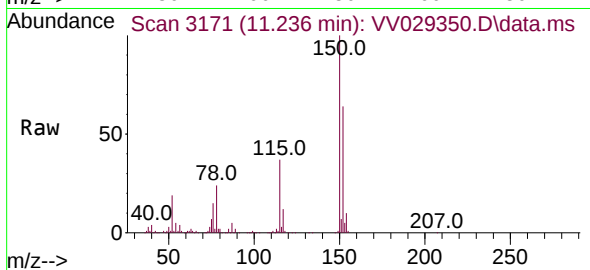
Tgt Ion: 75 Resp: 16546

Ion Ratio Lower Upper

75 100

77 33.2 26.7 40.1

110 2.4 32.2 48.4#



#71

Naphthalene

Concen: 0.063 ug/L

RT: 13.496 min Scan# 3874

Delta R.T. 0.003 min

Lab File: VV029350.D

Acq: 25 Nov 2022 12:57

Tgt Ion:128 Resp: 1577

Ion Ratio Lower Upper

128 100

129 4.4 8.9 13.3#

127 8.9 10.6 15.8#

