

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029339.D
 Acq On : 24 Nov 2022 10:08
 Operator : SY/MD
 Sample : N5725-10DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:24:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

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

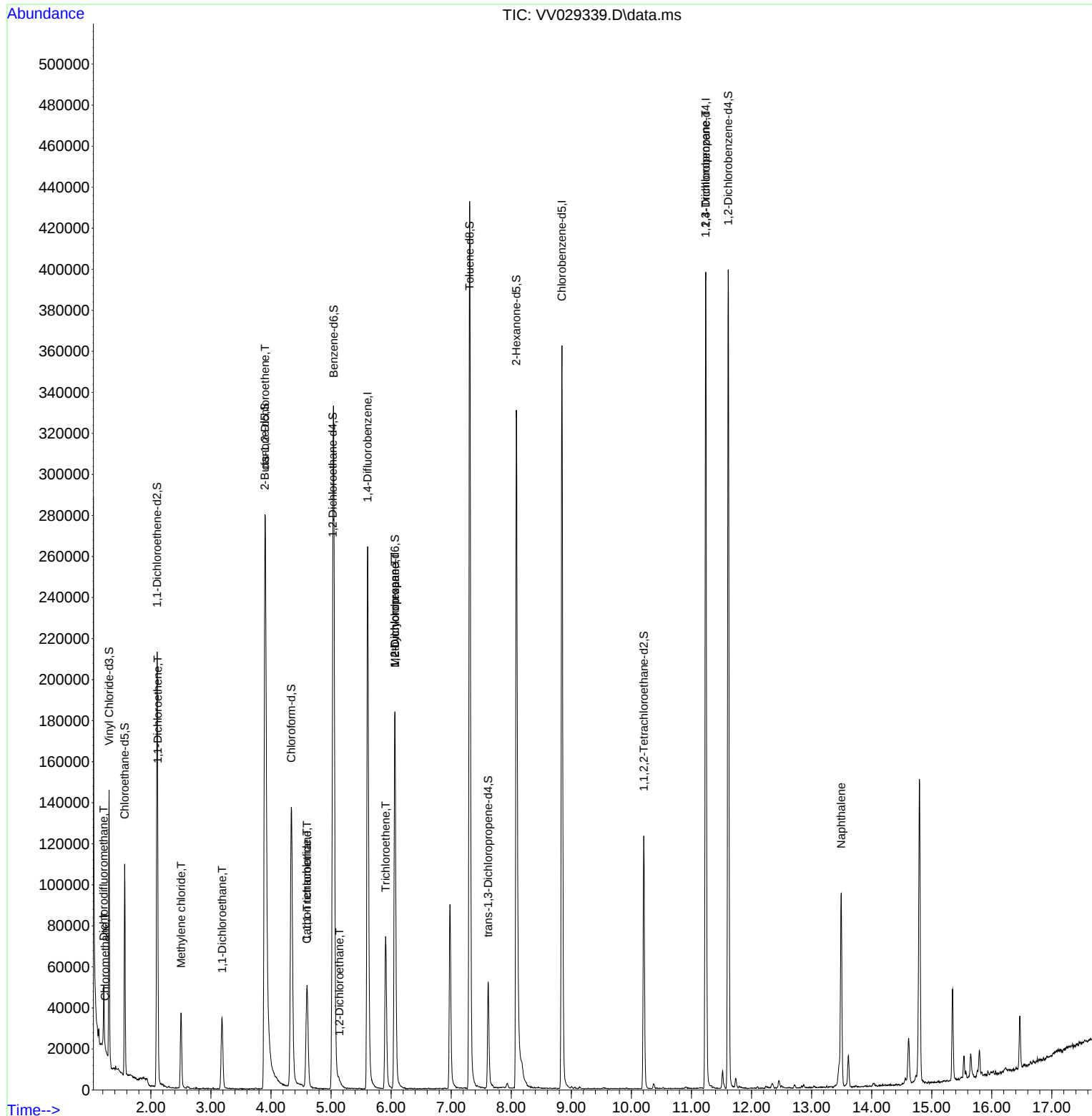
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	245870	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	215702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81949	5.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 108.400%	
7) Chloroethane-d5	1.564	69	65519	5.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 118.400%	
11) 1,1-Dichloroethene-d2	2.105	63	105133	4.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 86.800%	
20) 2-Butanone-d5	3.899	46	125839	49.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 99.440%	
24) Chloroform-d	4.339	84	149950	5.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 111.000%	
26) 1,2-Dichloroethane-d4	5.027	65	71237	5.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 119.800%	
32) Benzene-d6	5.043	84	329541	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.600%	
36) 1,2-Dichloropropane-d6	6.063	67	96986	5.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 115.800%	
41) Toluene-d8	7.307	98	308558	5.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.600%	
43) trans-1,3-Dichloroprop...	7.616	79	32394	5.016	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 100.400%	
46) 2-Hexanone-d5	8.085	63	132350	57.490	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 114.980%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61349	5.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 118.800%	
66) 1,2-Dichlorobenzene-d4	11.612	152	109578	5.648	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 113.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.217	85	2238	0.122	ug/L	93
3) Chloromethane	1.240	50	1152	0.069	ug/L	83
12) 1,1-Dichloroethene	2.114	96	9777	0.773	ug/L #	1
16) Methylene chloride	2.503	84	16678	0.863	ug/L	94
19) 1,1-Dichloroethane	3.185	63	36015	1.379	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	132409	7.978	ug/L	97
27) 1,2-Dichloroethane	5.140	62	1485	0.101	ug/L #	72
29) 1,1,1-Trichloroethane	4.600	97	41788	1.684	ug/L	99
31) Carbon tetrachloride	4.597	117	5501	0.262	ug/L	98
34) Trichloroethene	5.908	95	27164	1.651	ug/L	93
35) Methylcyclohexane	6.063	83	22841	0.822	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10272	0.676	ug/L #	85
61) 1,2,3-Trichloropropane	11.236	75	11984	1.556	ug/L #	65
71) Naphthalene	13.493	128	92142	4.759	ug/L	98

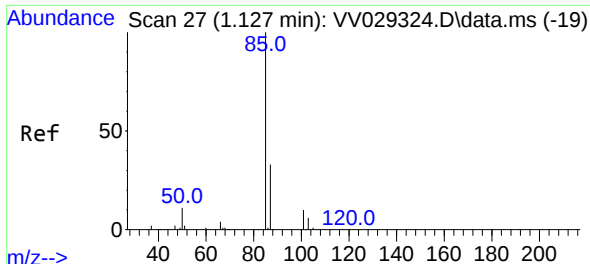
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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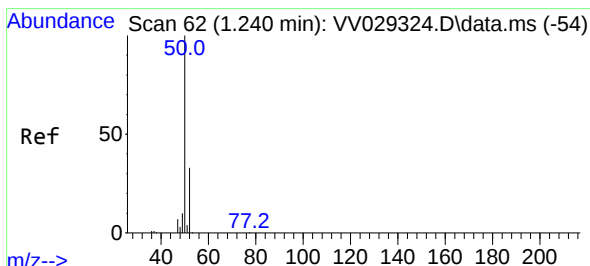
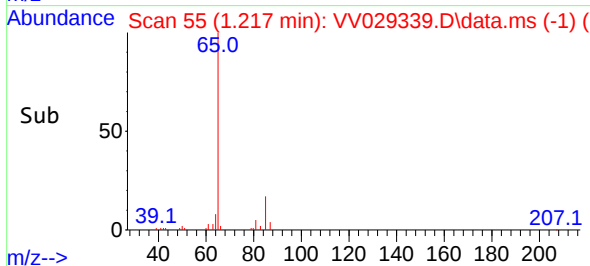
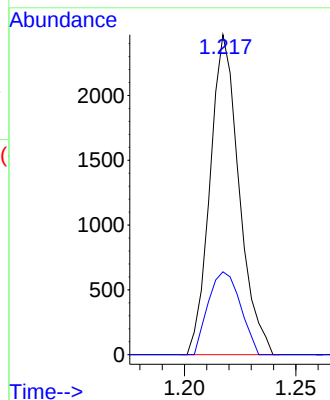
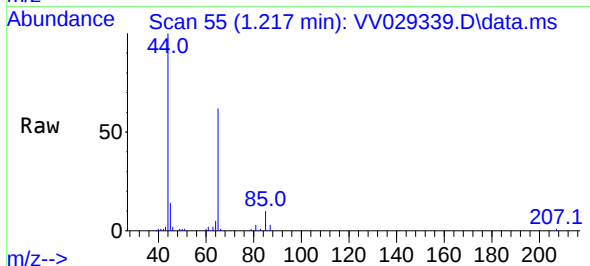




#2
 Dichlorodifluoromethane
 Concen: 0.122 ug/L
 RT: 1.217 min Scan# 51
 Delta R.T. 0.090 min
 Lab File: VV029339.D
 Acq: 24 Nov 2022 10:08

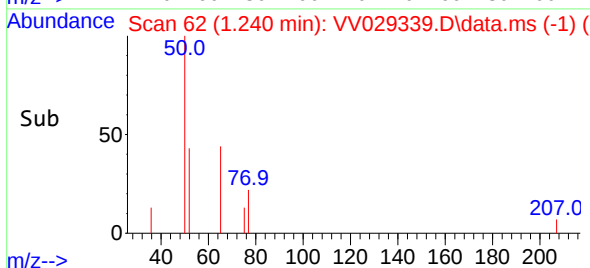
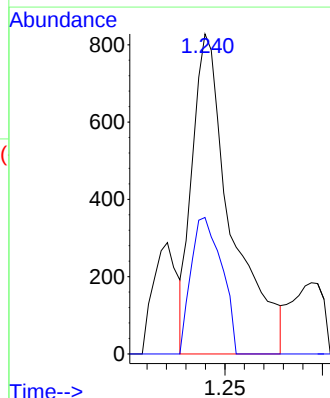
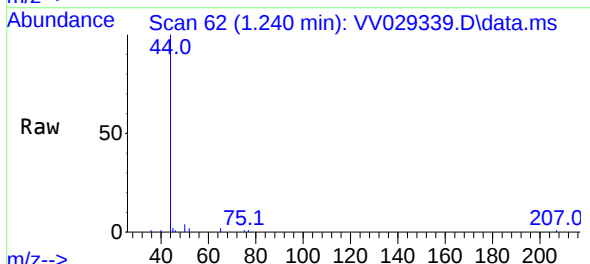
Instrument :
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 ClientSampleId :

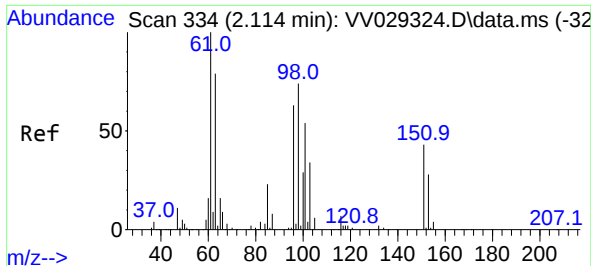
Tgt Ion: 85 Resp: 2238
 Ion Ratio Lower Upper
 85 100
 87 28.6 26.2 39.4



#3
 Chloromethane
 Concen: 0.069 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029339.D
 Acq: 24 Nov 2022 10:08

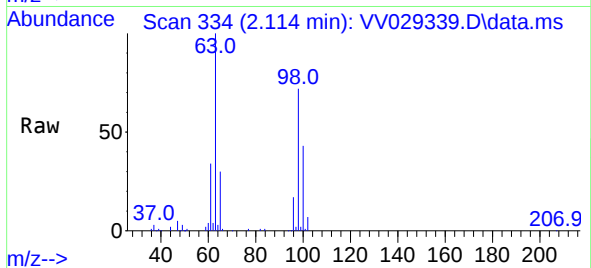
Tgt Ion: 50 Resp: 1152
 Ion Ratio Lower Upper
 50 100
 52 42.6 23.2 43.2



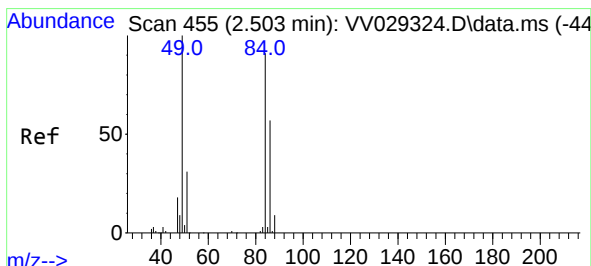
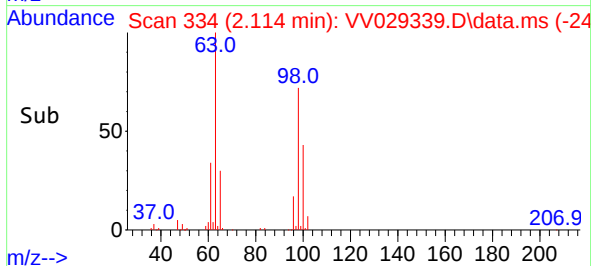
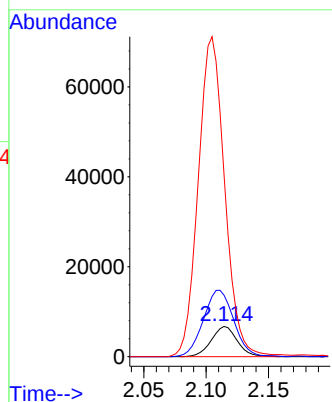


#12
1,1-Dichloroethene
Concen: 0.773 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

Instrument :
MSVOA_V
ClientSampleId :

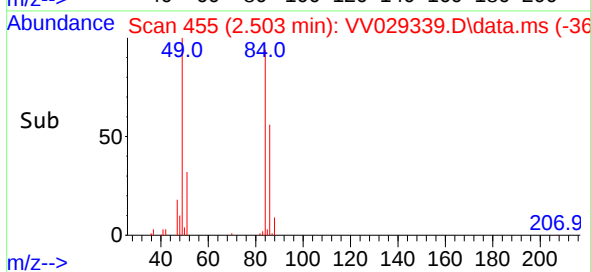
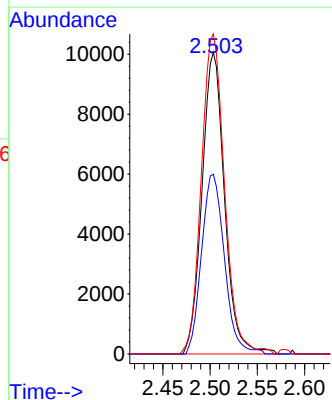
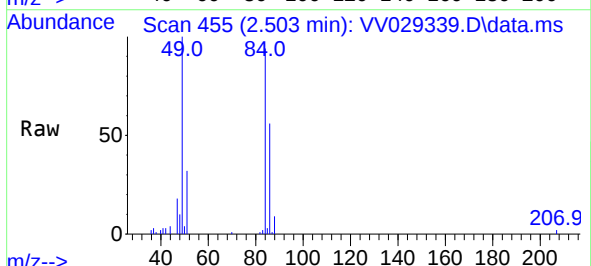


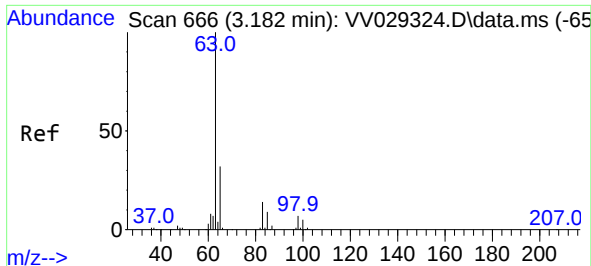
Tgt Ion: 96 Resp: 9777
Ion Ratio Lower Upper
96 100
61 202.7 110.3 204.9
63 600.4 84.4 156.8#



#16
Methylene chloride
Concen: 0.863 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

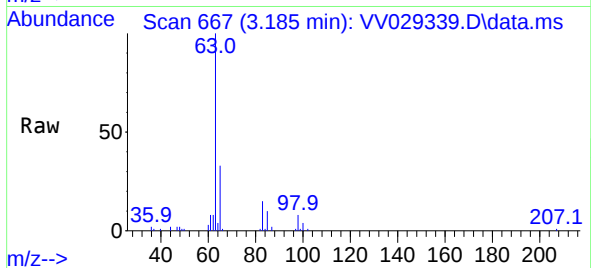
Tgt Ion: 84 Resp: 16678
Ion Ratio Lower Upper
84 100
86 59.6 45.6 84.6
49 106.1 77.8 144.4



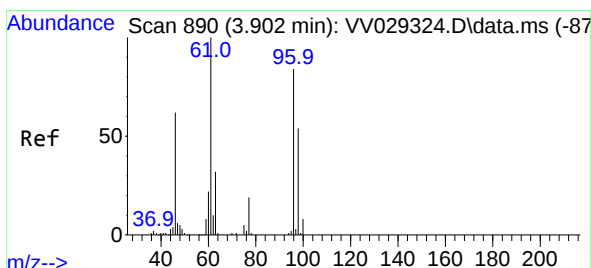
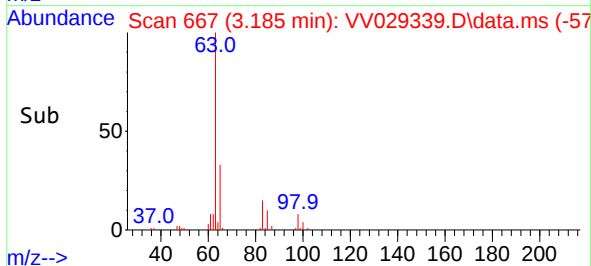
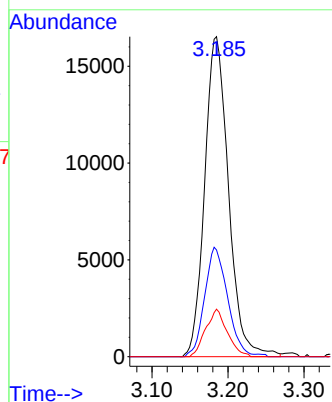


#19
1,1-Dichloroethane
Concen: 1.379 ug/L
RT: 3.185 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

Instrument :
MSVOA_V
ClientSampleId :

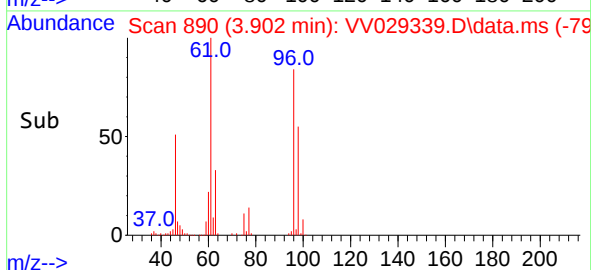
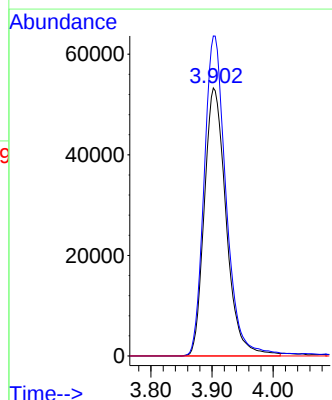
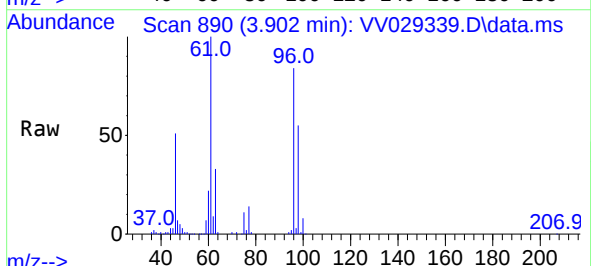


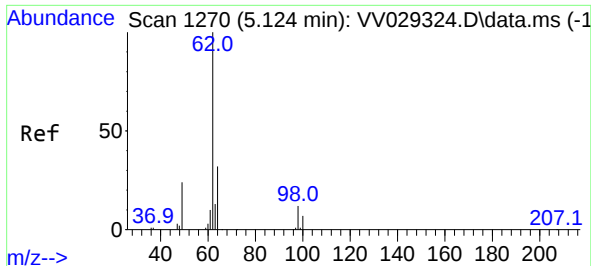
Tgt Ion: 63 Resp: 36015
Ion Ratio Lower Upper
63 100
65 33.4 21.6 40.2
83 14.8 10.3 19.1



#22
cis-1,2-Dichloroethene
Concen: 7.978 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

Tgt Ion: 96 Resp: 132409
Ion Ratio Lower Upper
96 100
61 119.4 85.8 159.3
68 0.0 0.0 0.0

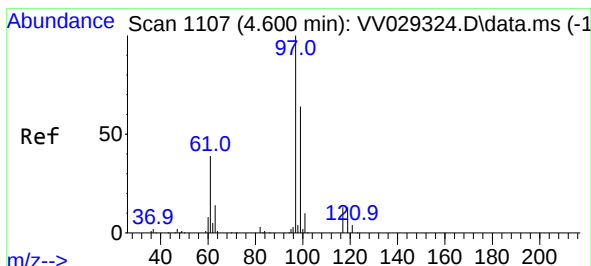
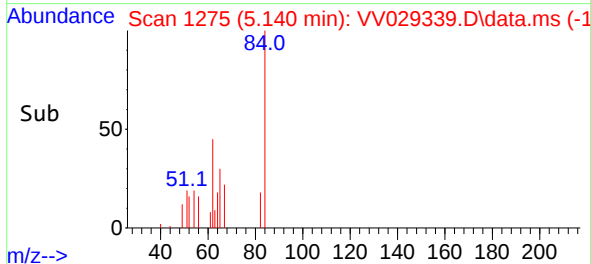
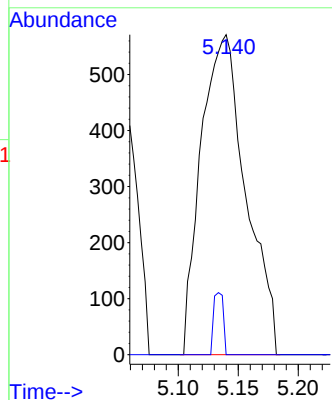
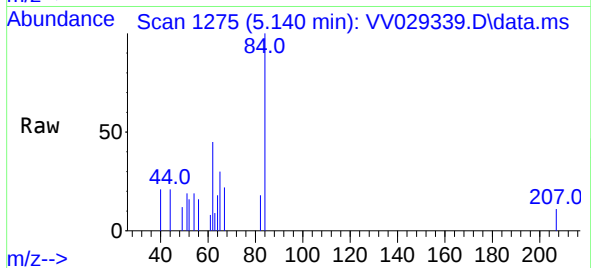




#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.140 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

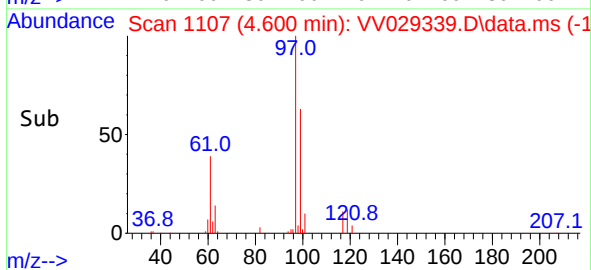
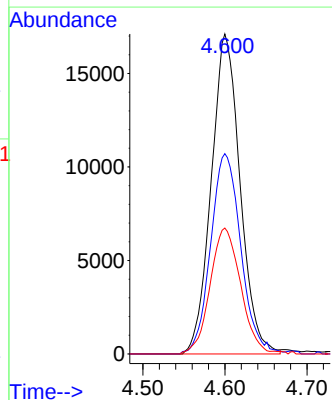
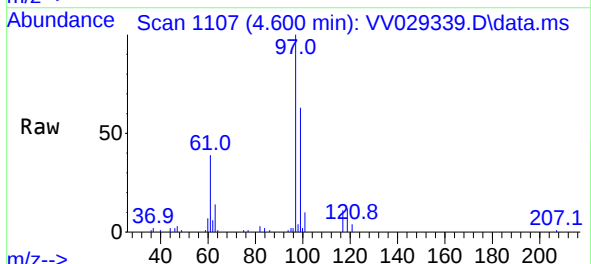
Instrument :
MSVOA_V
ClientSampleId :

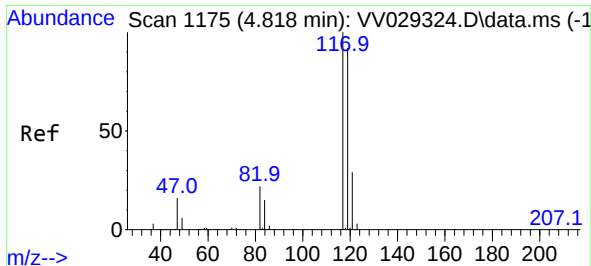
Tgt Ion: 62 Resp: 1485
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#29
1,1,1-Trichloroethane
Concen: 1.684 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

Tgt Ion: 97 Resp: 41788
Ion Ratio Lower Upper
97 100
99 65.4 51.2 76.8
61 41.9 33.3 49.9

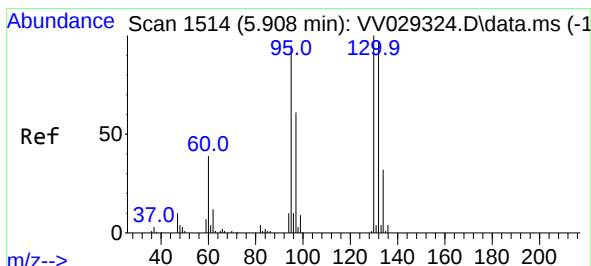
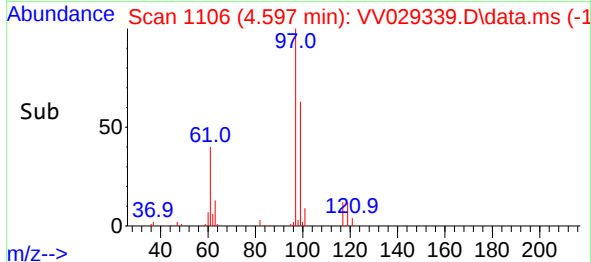
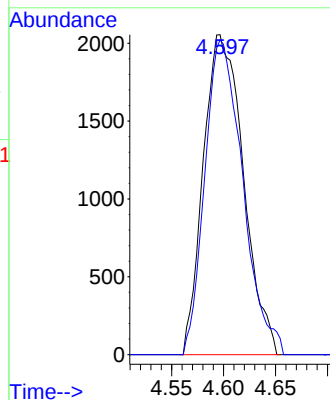
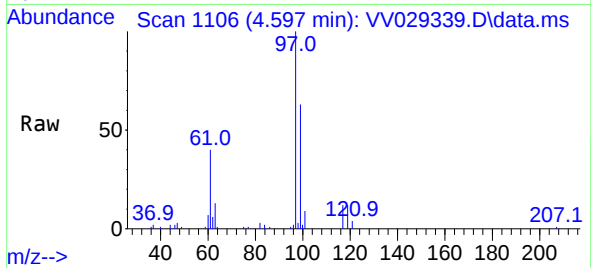




#31
Carbon tetrachloride
Concen: 0.262 ug/L
RT: 4.597 min Scan# 1175
Delta R.T. -0.222 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

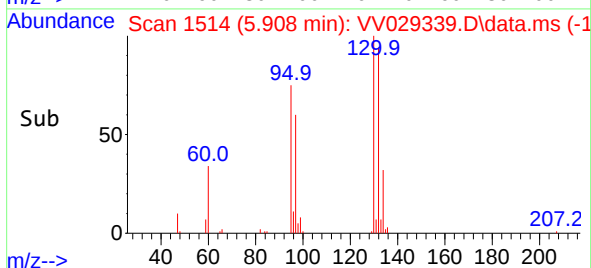
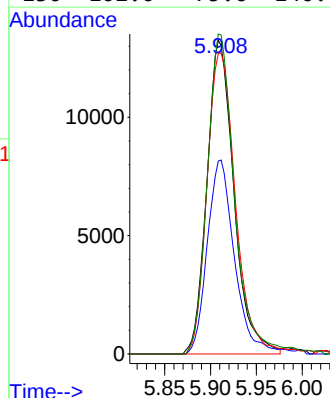
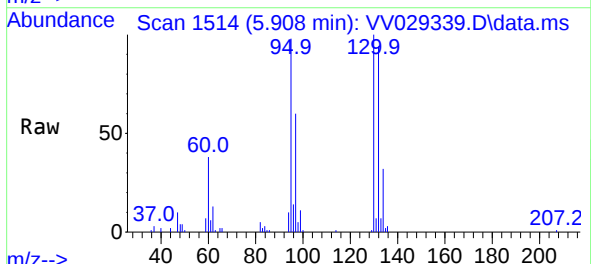
Instrument :
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ClientSampleId :

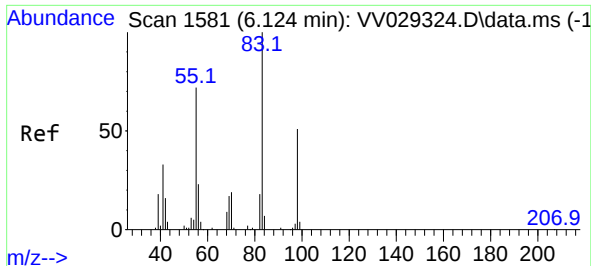
Tgt Ion:117 Resp: 5501
Ion Ratio Lower Upper
117 100
119 93.1 75.7 113.5



#34
Trichloroethene
Concen: 1.651 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

Tgt Ion: 95 Resp: 27164
Ion Ratio Lower Upper
95 100
97 61.5 45.4 84.4
132 95.7 73.3 136.1
130 102.0 75.6 140.4





#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV029339.D

Acq: 24 Nov 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

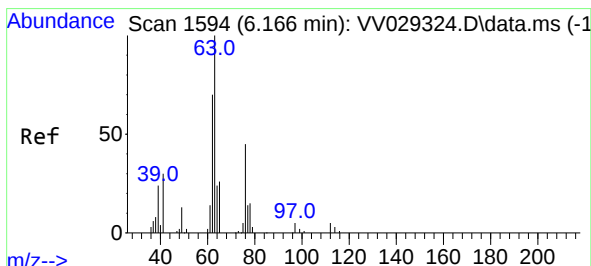
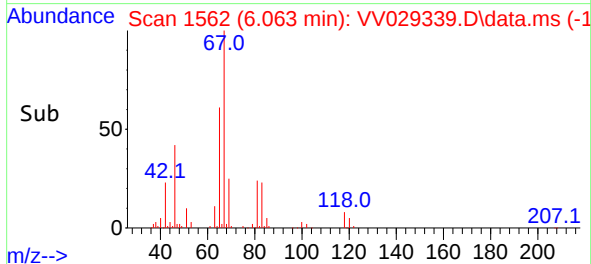
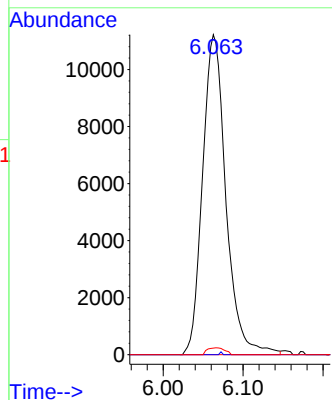
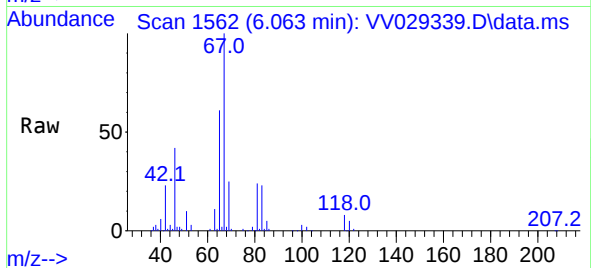
Tgt Ion: 83 Resp: 22841

Ion Ratio Lower Upper

83 100

55 0.1 55.4 83.2#

98 1.6 39.4 59.2#



#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029339.D

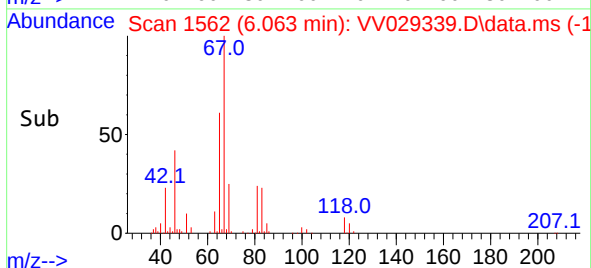
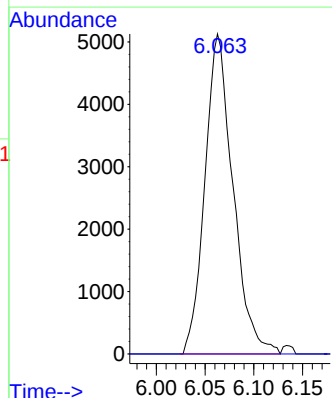
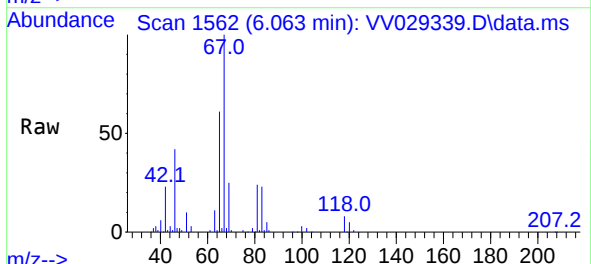
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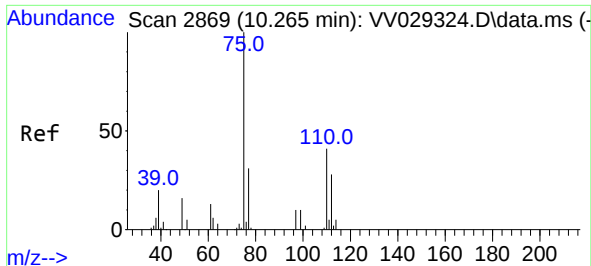
Tgt Ion: 63 Resp: 10272

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

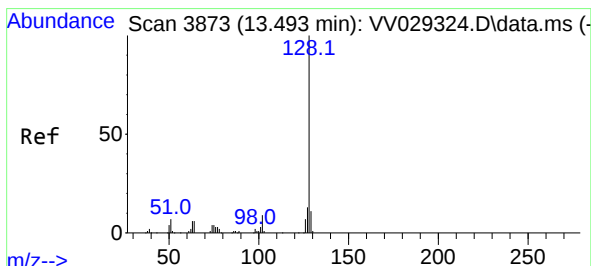
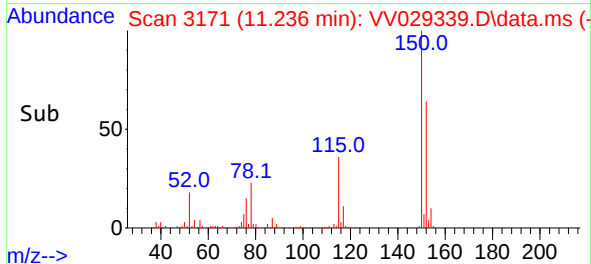
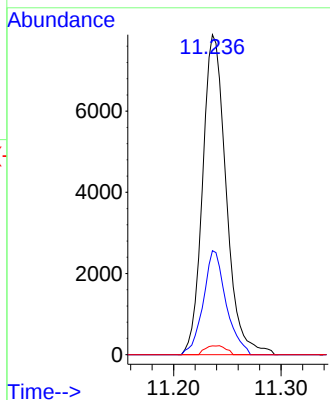
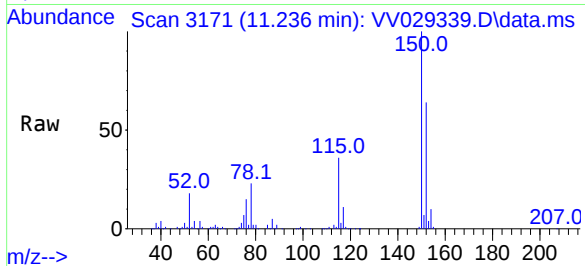




#61
1,2,3-Trichloropropane
Concen: 1.556 ug/L
RT: 11.236 min Scan# 311
Delta R.T. 0.971 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 11984
Ion Ratio Lower Upper
75 100
77 31.6 26.7 40.1
110 2.5 32.2 48.4#



#71
Naphthalene
Concen: 4.759 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029339.D
Acq: 24 Nov 2022 10:08

Tgt Ion:128 Resp: 92142
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.1 10.6 15.8

