

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028326.D
 Acq On : 04 Oct 2022 13:52
 Operator : SY/MD
 Sample : N4820-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 04 23:24:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.632	114	491	5.000	ug/L	# 0.02
28) Chlorobenzene-d5	8.854	117	1757	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	2636	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64798	1756.362	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 35127.200%#		
7) Chloroethane-d5	1.561	69	58557	1874.960	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 37499.200%#		
11) 1,1-Dichloroethene-d2	2.105	63	137804	1981.802	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 39636.000%#		
20) 2-Butanone-d5	3.899	46	163280	26157.682	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 52315.360%#		
24) Chloroform-d	4.339	84	144203	2157.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 43152.200%#		
26) 1,2-Dichloroethane-d4	5.027	65	64798	2091.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 41825.400%#		
32) Benzene-d6	5.043	84	283625	588.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 11769.200%#		
36) 1,2-Dichloropropane-d6	6.066	67	83152	601.399	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 12028.000%#		
41) Toluene-d8	7.310	98	256322	578.249	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 11565.000%#		
43) trans-1,3-Dichloroprop...	7.619	79	30855	585.926	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 11718.600%#		
46) 2-Hexanone-d5	8.085	63	140996	6541.549	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 13083.100%#		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	65239	622.482	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 12449.600%#		
66) 1,2-Dichlorobenzene-d4	11.619	152	94925	209.247	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 4185.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	93858	2376.405	ug/L	92
3) Chloromethane	1.236	50	87822	2346.532	ug/L	96
5) Vinyl chloride	1.304	62	99842	2368.966	ug/L	96
6) Bromomethane	1.516	94	40069	2001.826	ug/L	94
8) Chloroethane	1.581	64	72152	2568.716	ug/L	88
9) Trichlorofluoromethane	1.748	101	142257	2246.506	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	82564	2331.063	ug/L	97
12) 1,1-Dichloroethene	2.111	96	83606	2373.792	ug/L #	72
13) Acetone	2.191	43	54020	13179.114	ug/L	94
14) Carbon disulfide	2.288	76	280204	2553.685	ug/L	99
15) Methyl Acetate	2.191	43	53805	4823.005	ug/L #	56
16) Methylene chloride	2.500	84	97217	2452.187	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	161095	2227.560	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	88711	2418.239	ug/L	97
19) 1,1-Dichloroethane	3.182	63	154033	2465.360	ug/L	98
21) 2-Butanone	3.989	43	78499	12615.378	ug/L	85
22) cis-1,2-Dichloroethene	3.902	96	93204	2522.939	ug/L	96
23) Bromochloromethane	4.240	128	40521	2476.504	ug/L	87
25) Chloroform	4.365	83	159805	2332.329	ug/L	100

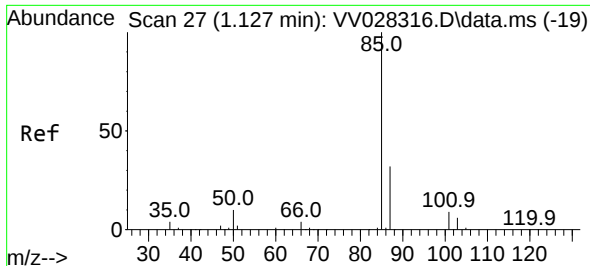
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	87671	2388.306	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	140120	646.481	ug/L	97
30) Cyclohexane	4.670	56	125386	671.490	ug/L	92
31) Carbon tetrachloride	4.818	117	121921	627.103	ug/L	100
33) Benzene	5.092	78	352102	673.167	ug/L	100
34) Trichloroethene	5.908	95	86800	662.795	ug/L	97
35) Methylcyclohexane	6.124	83	133311	623.534	ug/L	96
37) 1,2-Dichloropropane	6.169	63	84859	700.507	ug/L	100
38) Bromodichloromethane	6.503	83	106519	637.596	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	108974	630.229	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	195295	3509.041	ug/L	96
42) Toluene	7.384	91	366674	666.214	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	89694	610.599	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	58399	650.002	ug/L	99
47) Tetrachloroethene	7.969	164	88585	773.969	ug/L	97
48) 2-Hexanone	8.140	43	145330	3728.324	ug/L #	96
49) Dibromochloromethane	8.243	129	70285	618.066	ug/L	100
50) 1,2-Dibromoethane	8.349	107	53581	662.703	ug/L	98
51) Chlorobenzene	8.876	112	225012	614.765	ug/L	99
52) Ethylbenzene	9.008	91	368485	637.085	ug/L	100
53) m,p-Xylene	9.133	106	312291	1354.447	ug/L	96
54) o-Xylene	9.538	106	144695	663.522	ug/L	99
55) Styrene	9.558	104	245845	655.982	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	69842	685.091	ug/L	98
59) Bromoform	9.728	173	37479	215.877	ug/L	100
60) Isopropylbenzene	9.927	105	370490	229.702	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	49511	243.424	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.535	105	336155	733.425	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	340171	261.870	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	197120	248.770	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	196337	247.458	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	177496	246.985	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	10133	218.711	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	245	0.391	ug/L #	60
70) 1,2,4-trichlorobenzene	13.259	180	109353	228.951	ug/L	100
71) Naphthalene	13.496	128	157250	210.797	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	99395	230.854	ug/L	98

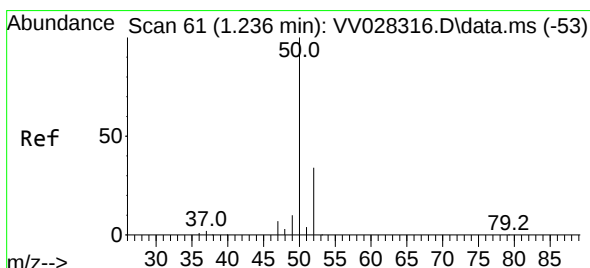
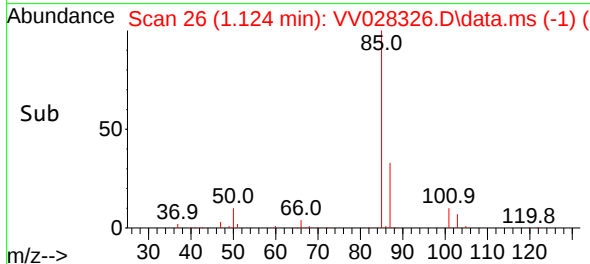
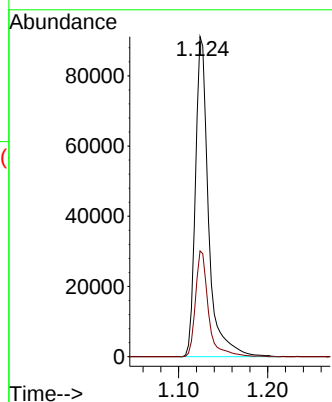
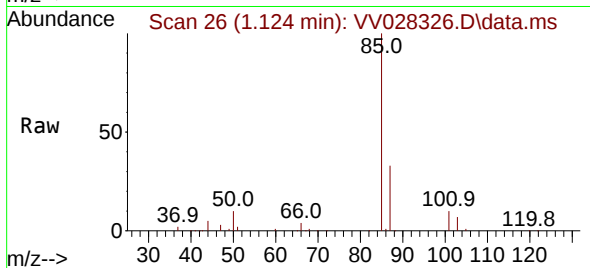
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2376.405 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

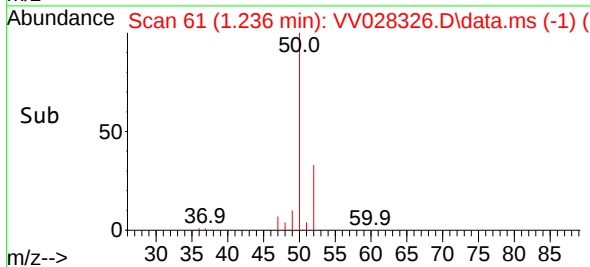
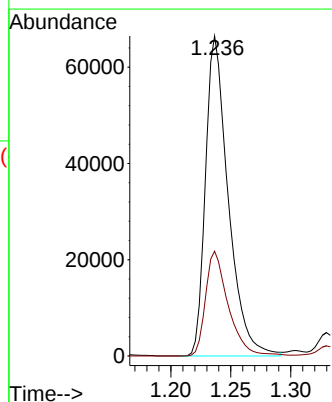
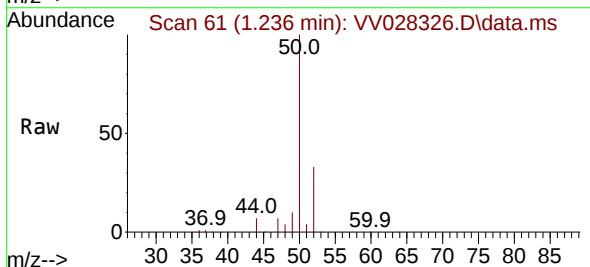
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 MSVOA_V
 ClientSampleId :
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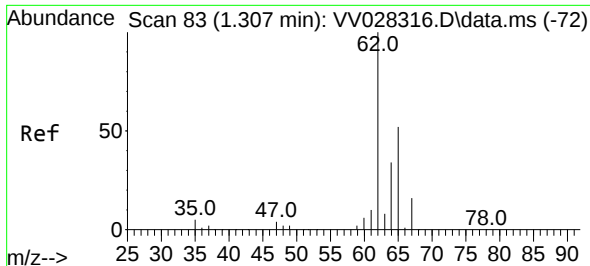
Tgt Ion: 85 Resp: 93858
 Ion Ratio Lower Upper
 85 100
 87 32.7 22.8 34.2



#3
 Chloromethane
 Concen: 2346.532 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

Tgt Ion: 50 Resp: 87822
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.4 45.2

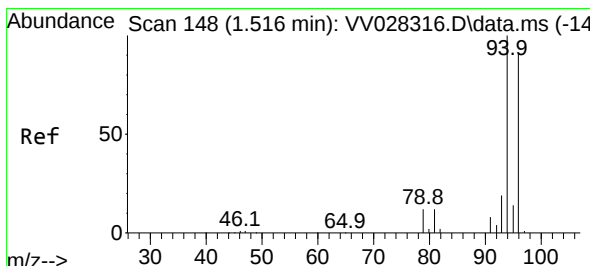
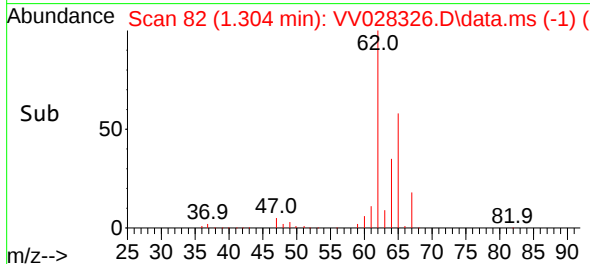
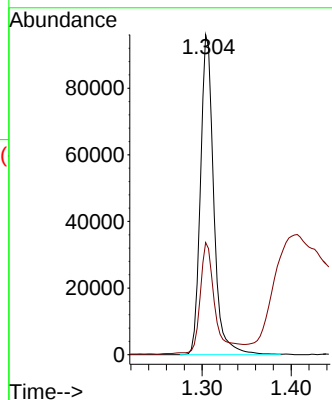
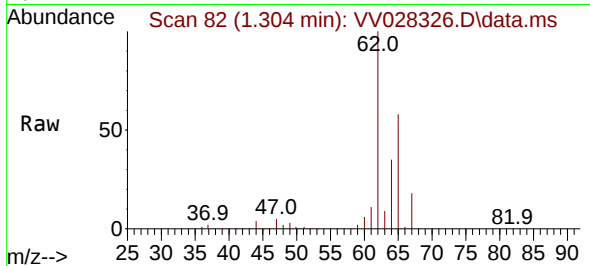




#5
 Vinyl chloride
 Concen: 2368.966 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

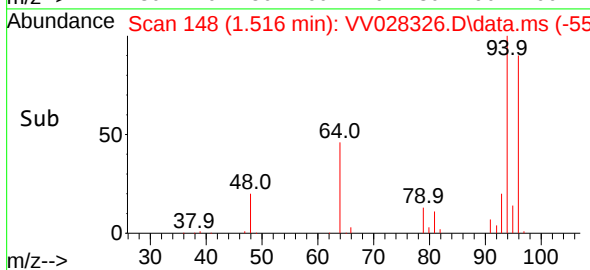
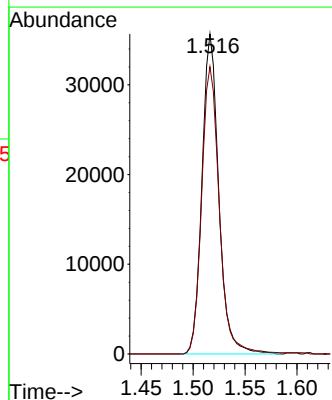
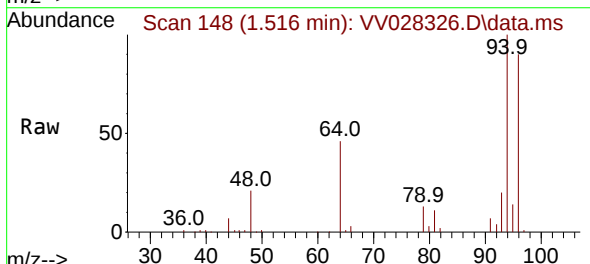
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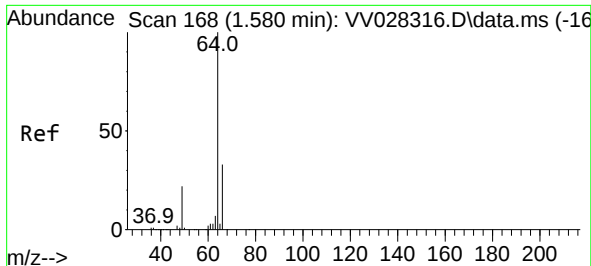
Tgt Ion: 62 Resp: 99842
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.0 42.8



#6
 Bromomethane
 Concen: 2001.826 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

Tgt Ion: 94 Resp: 40069
 Ion Ratio Lower Upper
 94 100
 96 89.8 66.7 123.9

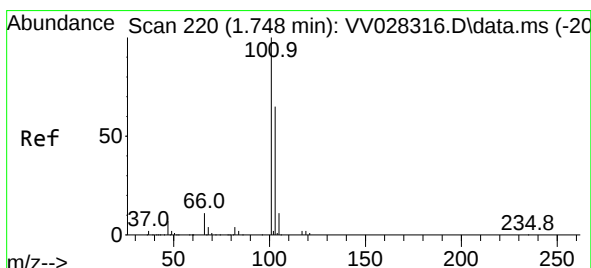
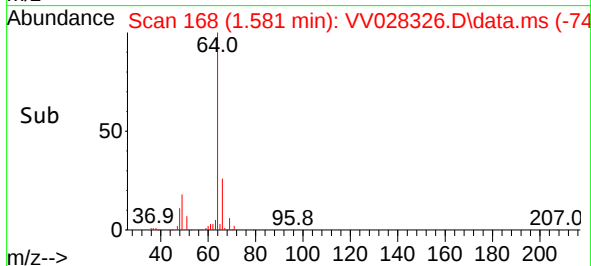
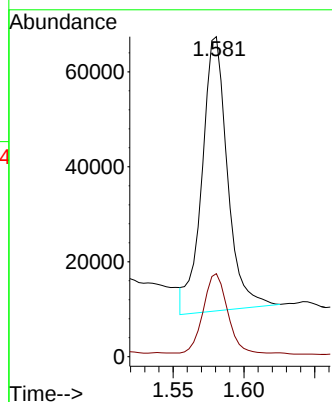
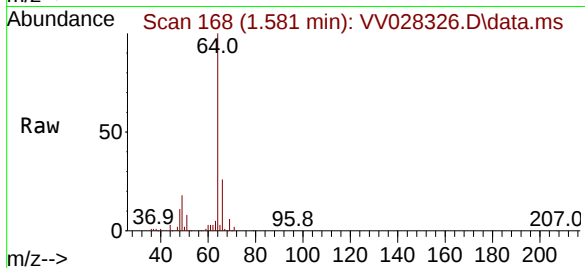




#8
Chloroethane
Concen: 2568.716 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

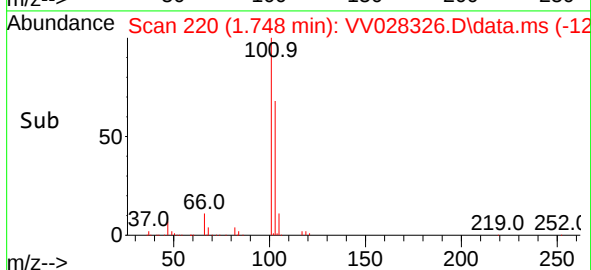
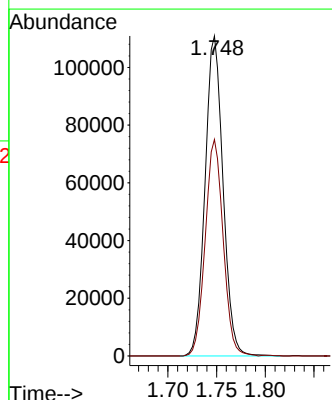
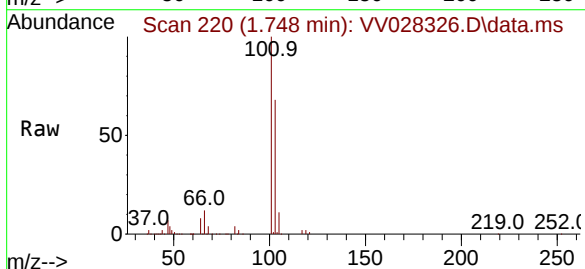
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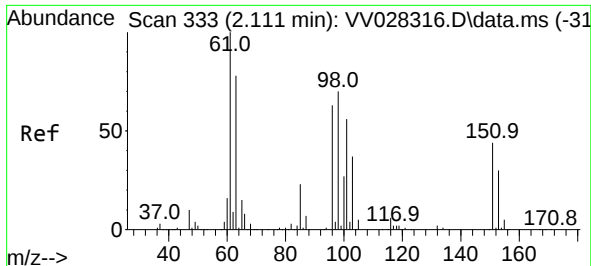
Tgt Ion: 64 Resp: 72152
Ion Ratio Lower Upper
64 100
66 25.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 2246.506 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion: 101 Resp: 142257
Ion Ratio Lower Upper
101 100
103 67.4 51.4 77.0

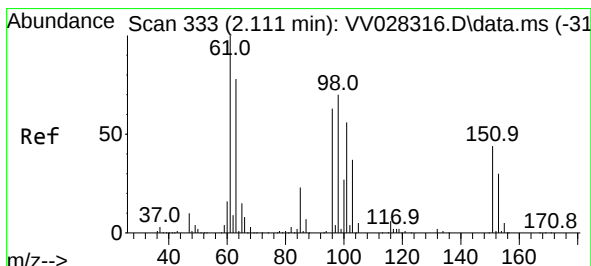
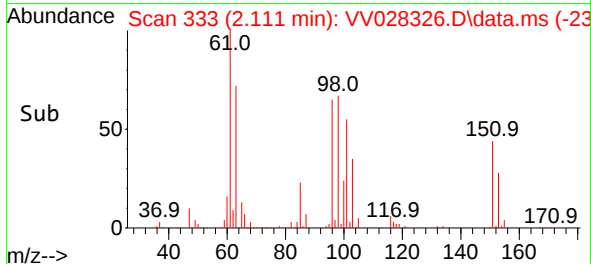
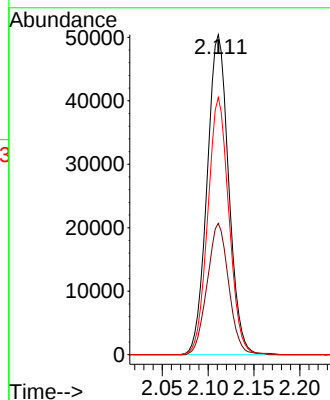
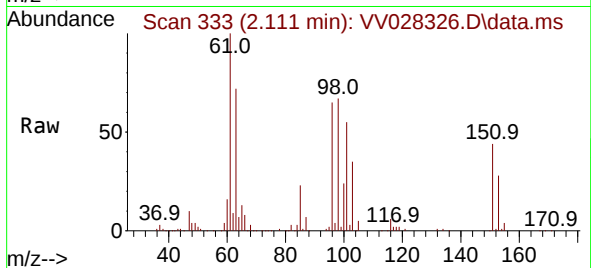




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2331.063 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

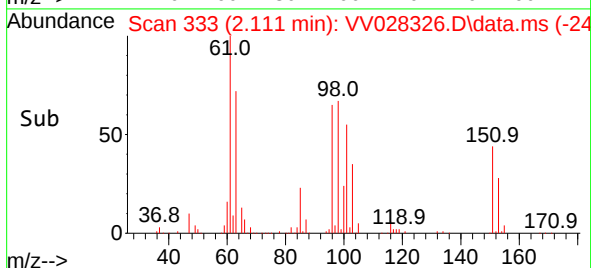
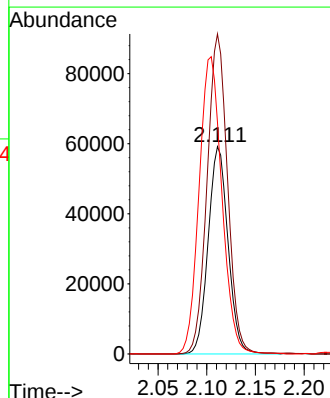
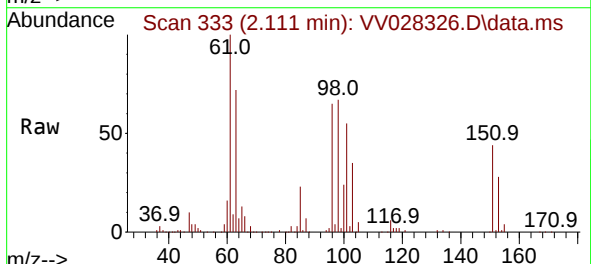
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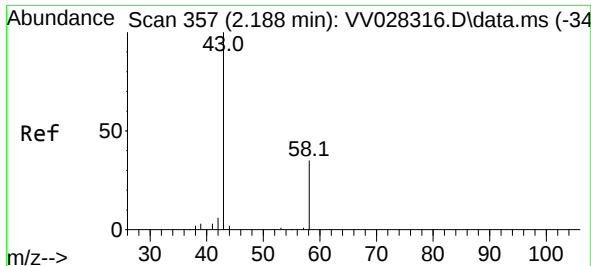
Tgt Ion:101 Resp: 82564
 Ion Ratio Lower Upper
 101 100
 85 40.8 34.4 51.6
 151 78.7 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 2373.792 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

Tgt Ion: 96 Resp: 83606
 Ion Ratio Lower Upper
 96 100
 61 154.3 128.3 238.3
 63 111.7 112.7 209.3#





#13

Acetone

Concen: 13179.114 ug/L

RT: 2.191 min Scan# 357

Delta R.T. 0.016 min

Lab File: VV028326.D

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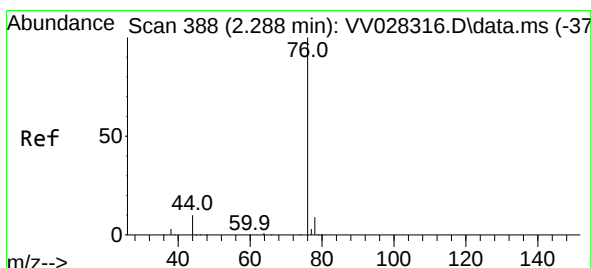
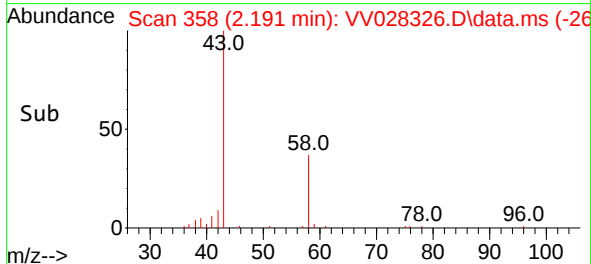
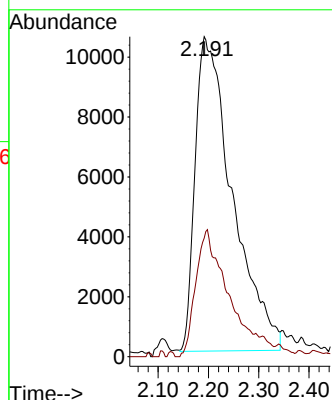
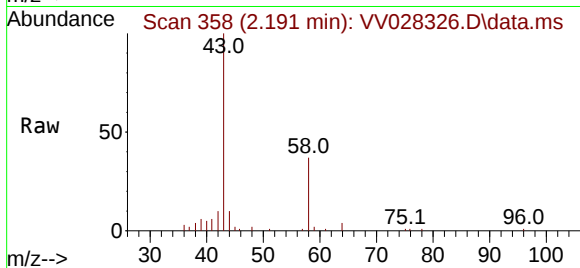
VHBLK001

Tgt Ion: 43 Resp: 54020

Ion Ratio Lower Upper

43 100

58 36.3 0.0 65.6



#14

Carbon disulfide

Concen: 2553.685 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028326.D

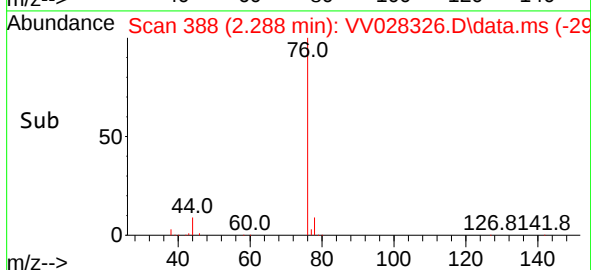
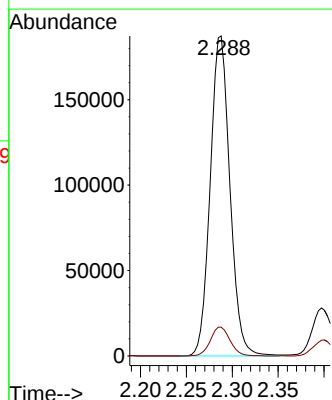
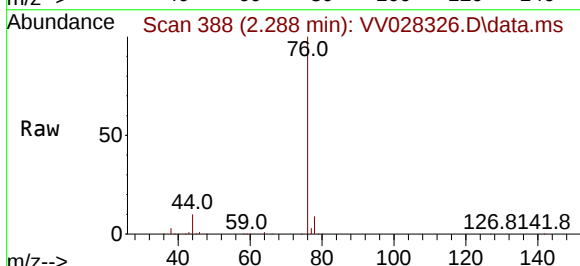
Acq: 04 Oct 2022 13:52

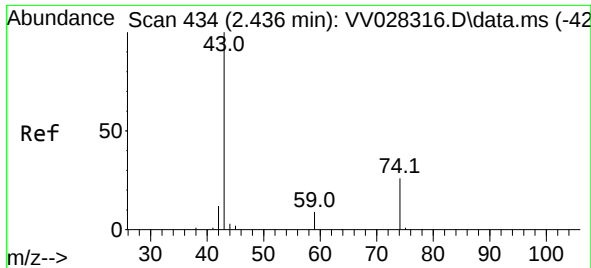
Tgt Ion: 76 Resp: 280204

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

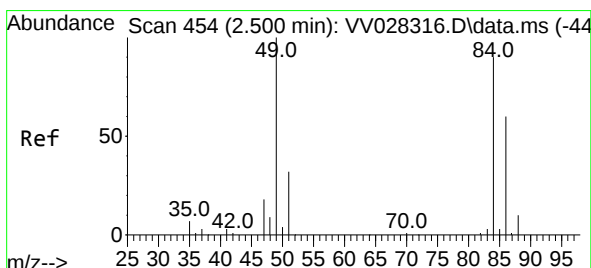
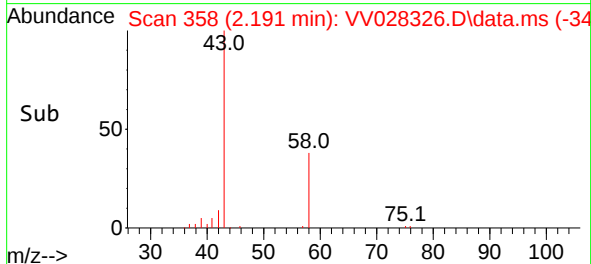
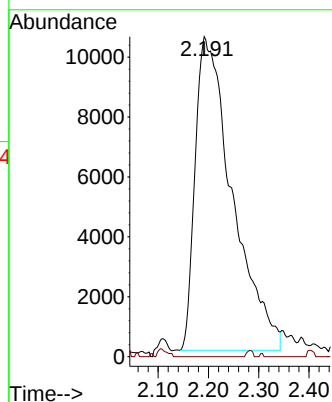
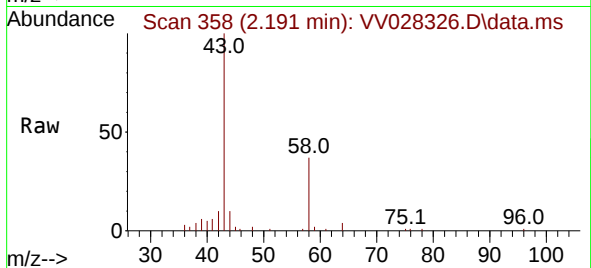




#15
Methyl Acetate
Concen: 4823.005 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.241 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

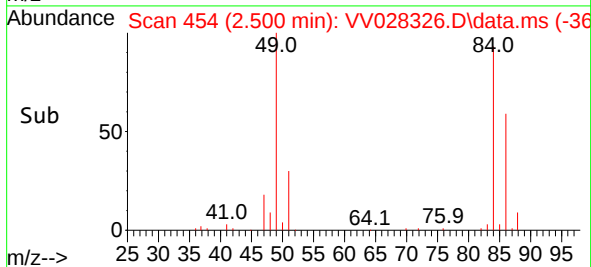
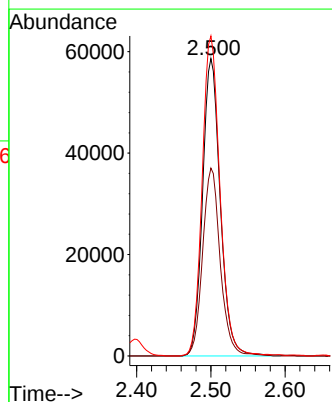
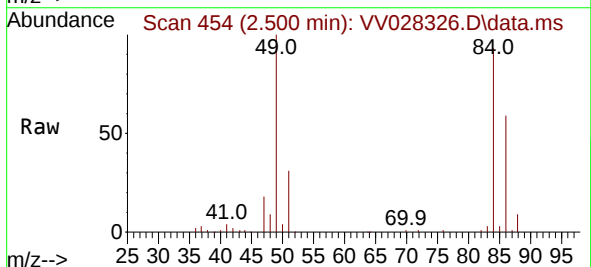
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

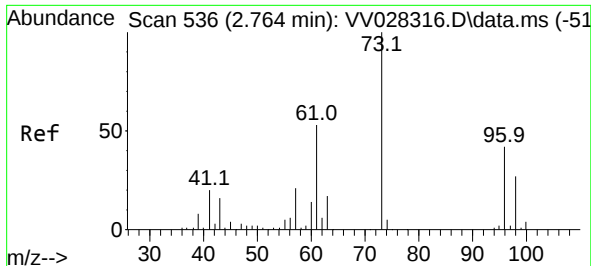
Tgt Ion: 43 Resp: 53805
Ion Ratio Lower Upper
43 100
74 0.3 16.9 25.3#



#16
Methylene chloride
Concen: 2452.187 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion: 84 Resp: 97217
Ion Ratio Lower Upper
84 100
86 63.1 46.8 86.8
49 107.6 87.5 162.5

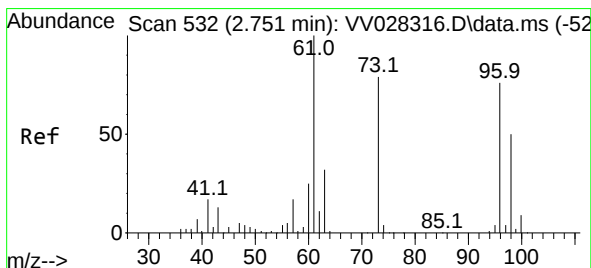
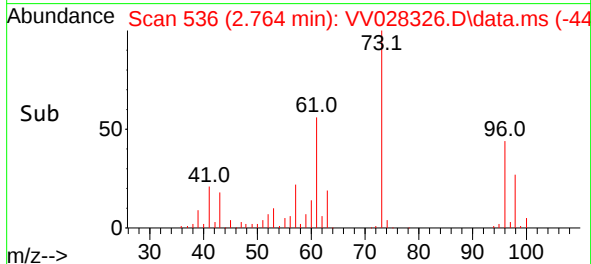
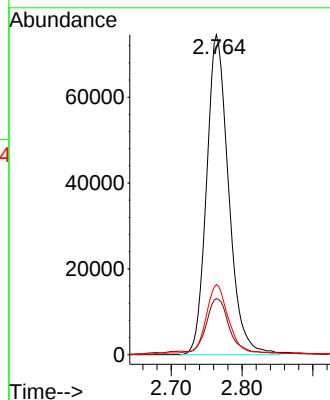
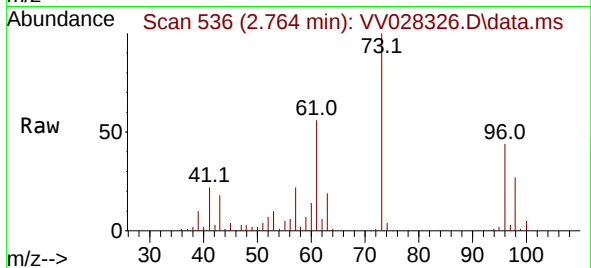




#17
Methyl tert-butyl Ether
Concen: 2227.560 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

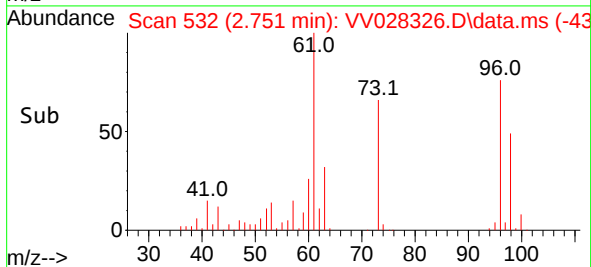
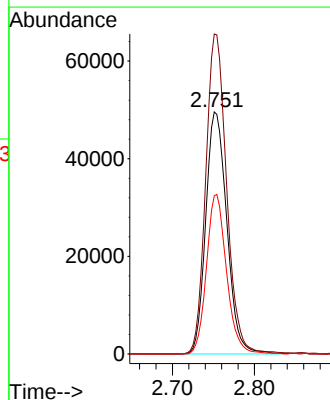
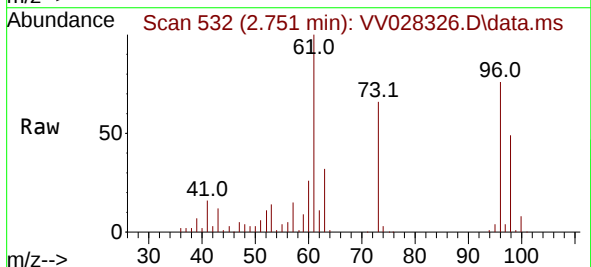
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

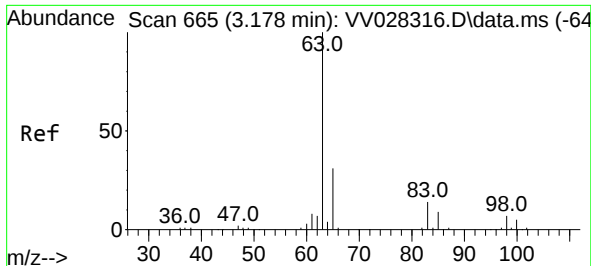
Tgt Ion:	73	Resp:	161095
Ion	Ratio	Lower	Upper
73	100		
43	17.8	15.7	23.5
57	21.6	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 2418.239 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion:	96	Resp:	88711
Ion	Ratio	Lower	Upper
96	100		
61	132.2	96.2	178.6
98	65.4	45.7	84.9





#19

1,1-Dichloroethane

Concen: 2465.360 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

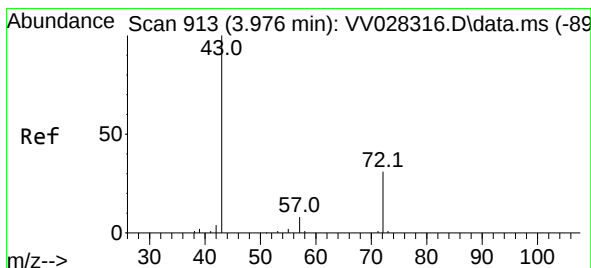
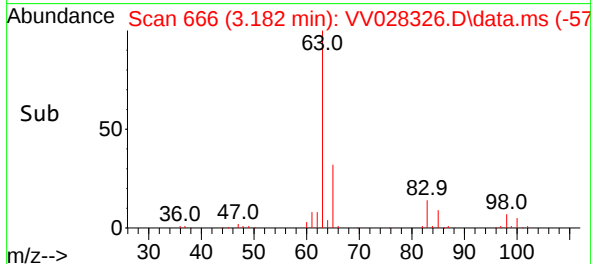
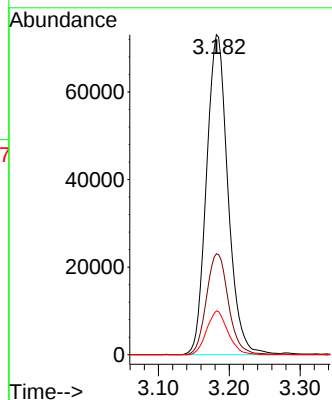
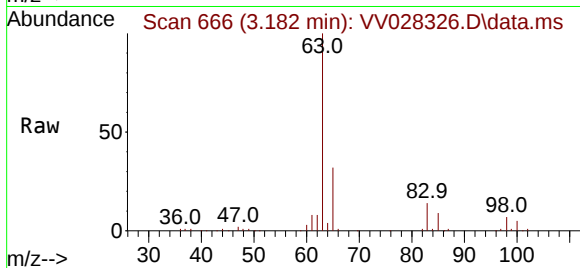
Tgt Ion: 63 Resp: 154033

Ion Ratio Lower Upper

63 100

65 31.5 23.0 42.8

83 13.7 9.2 17.2



#21

2-Butanone

Concen: 12615.378 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.019 min

Lab File: VV028326.D

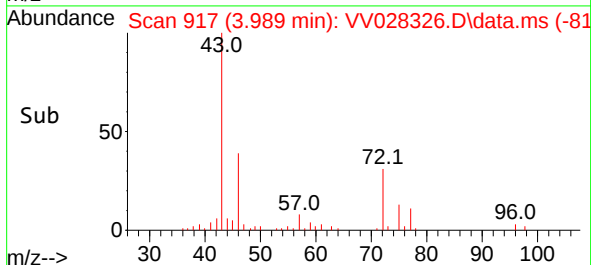
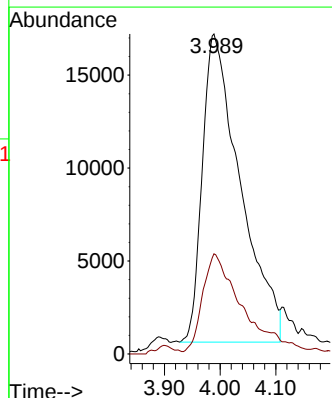
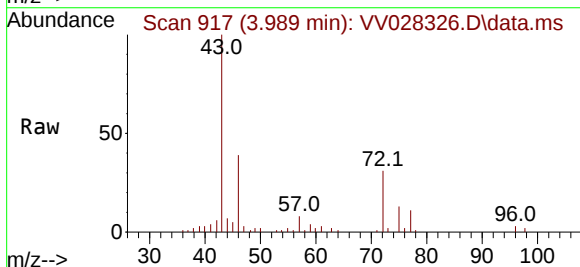
Acq: 04 Oct 2022 13:52

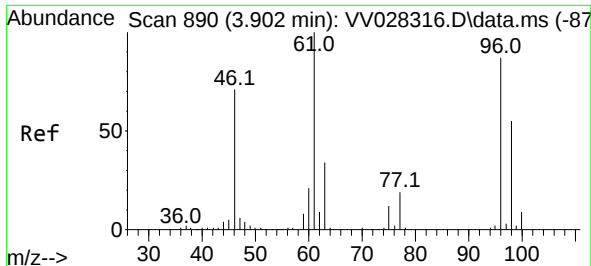
Tgt Ion: 43 Resp: 78499

Ion Ratio Lower Upper

43 100

72 33.2 12.7 38.1

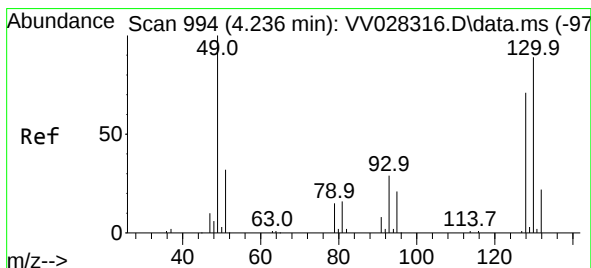
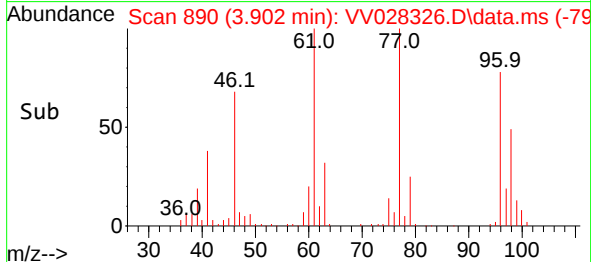
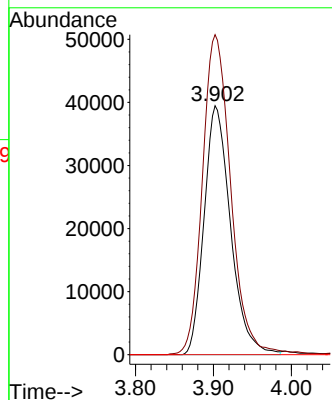
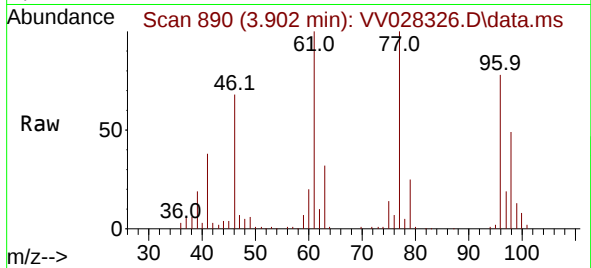




#22
 cis-1,2-Dichloroethene
 Concen: 2522.939 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

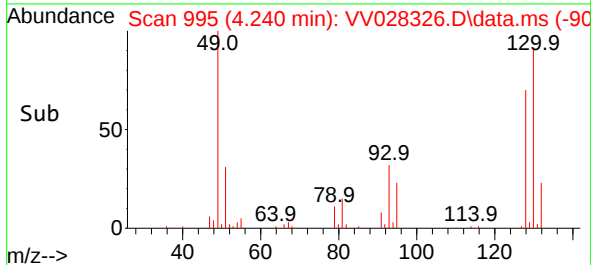
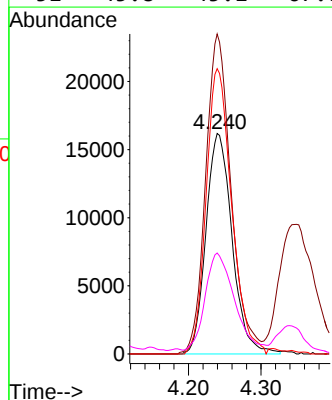
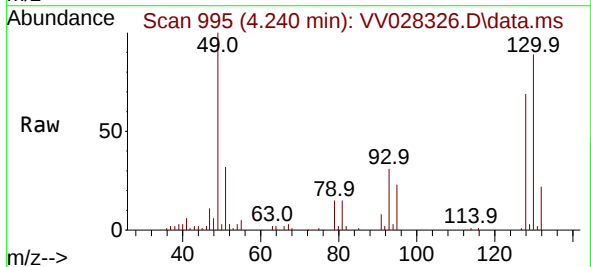
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

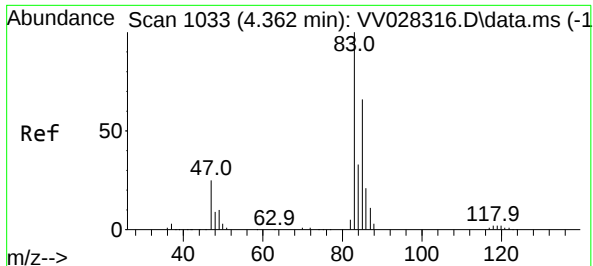
Tgt Ion: 96 Resp: 93204
 Ion Ratio Lower Upper
 96 100
 61 128.5 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 2476.504 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

Tgt Ion:128 Resp: 40521
 Ion Ratio Lower Upper
 128 100
 49 145.1 119.9 222.7
 130 129.4 94.6 175.8
 51 45.8 45.1 67.7





#25

Chloroform

Concen: 2332.329 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

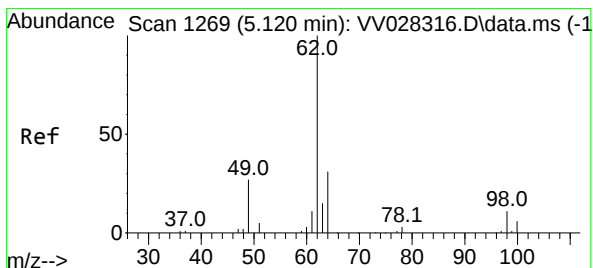
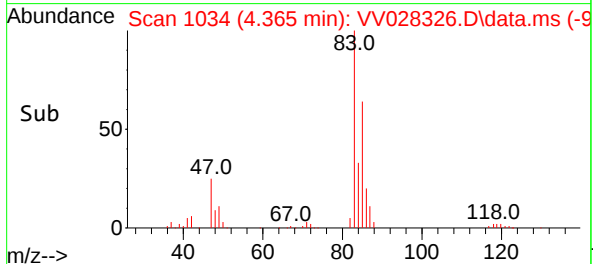
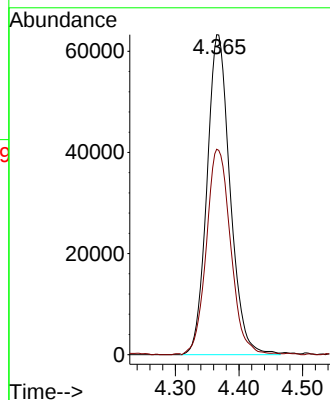
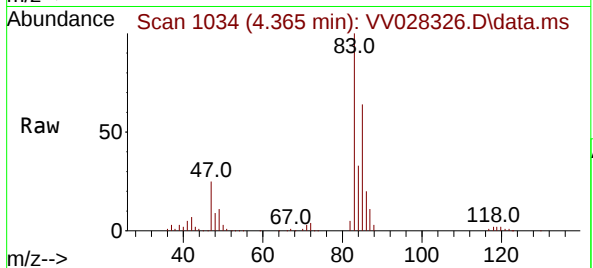
VHBLK001

Tgt Ion: 83 Resp: 159805

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 2388.306 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV028326.D

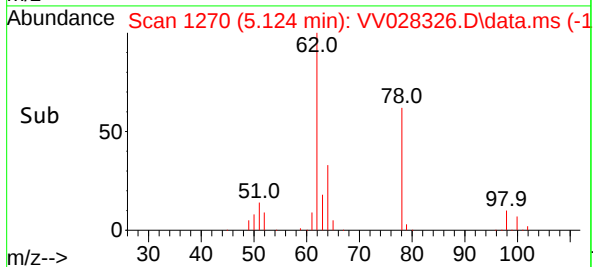
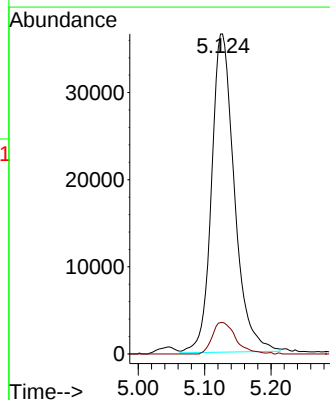
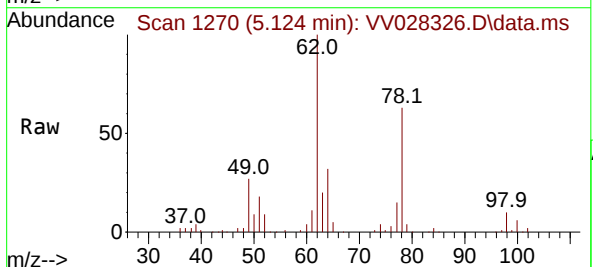
Acq: 04 Oct 2022 13:52

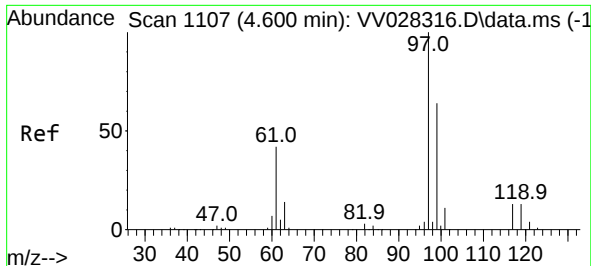
Tgt Ion: 62 Resp: 87671

Ion Ratio Lower Upper

62 100

98 9.8 6.7 10.1

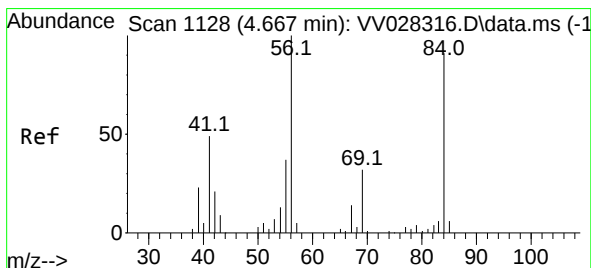
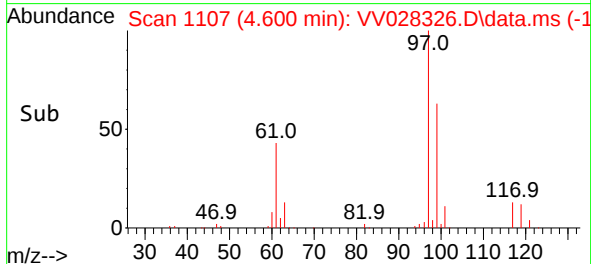
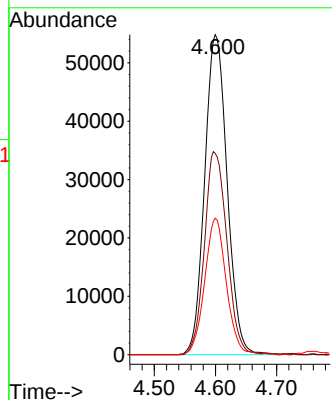
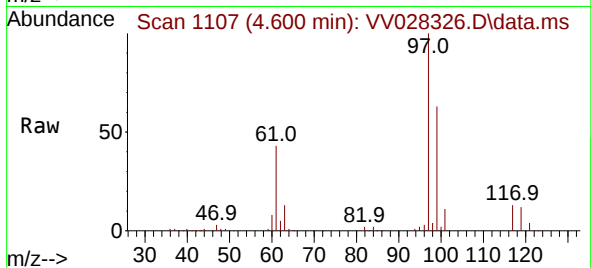




#29
1,1,1-Trichloroethane
Concen: 646.481 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

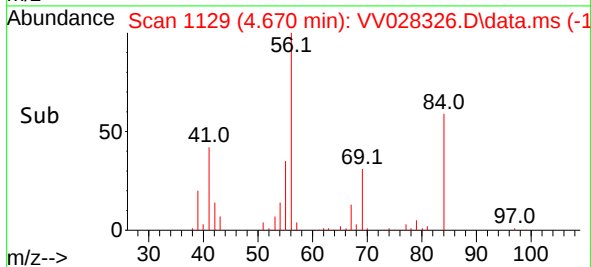
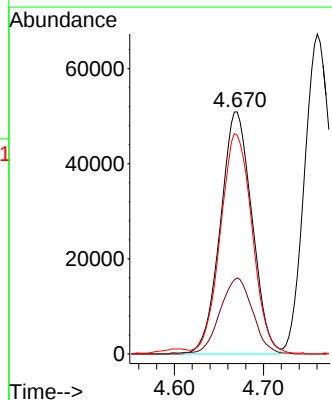
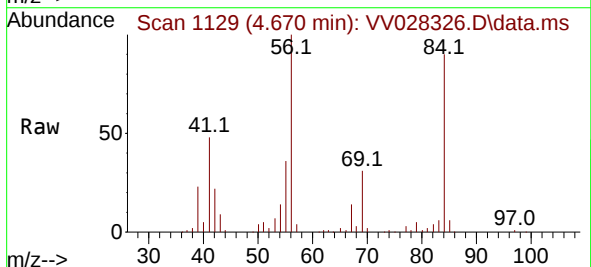
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

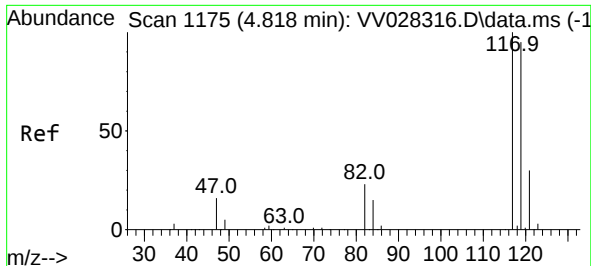
Tgt Ion:	97	Resp:	140120
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.9	77.9
61	41.1	34.8	52.2



#30
Cyclohexane
Concen: 671.490 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion:	56	Resp:	125386
Ion	Ratio	Lower	Upper
56	100		
69	32.6	23.7	35.5
84	92.2	67.3	100.9

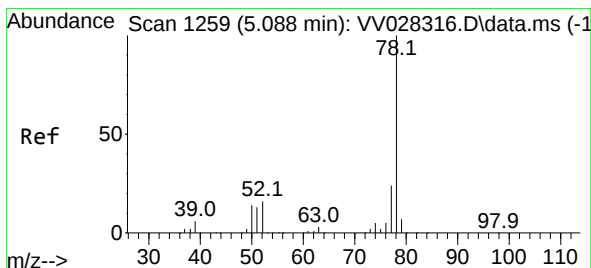
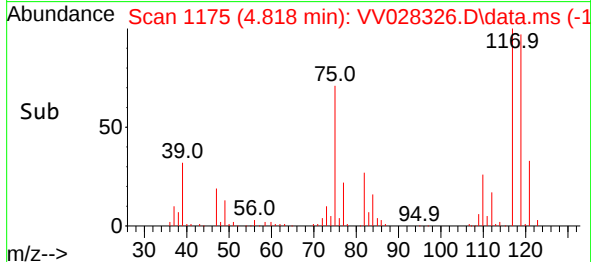
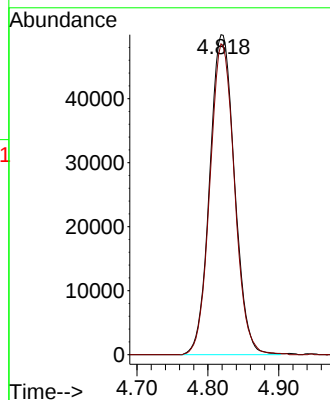
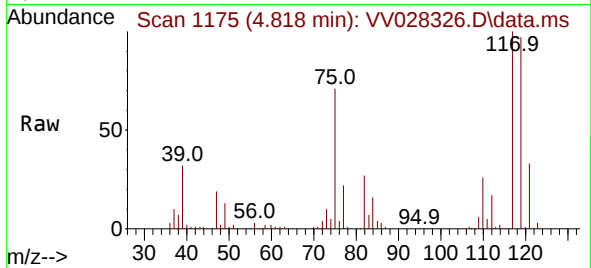




#31
Carbon tetrachloride
Concen: 627.103 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

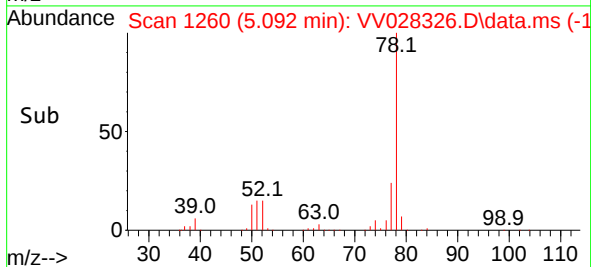
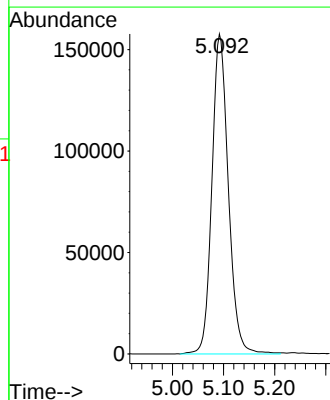
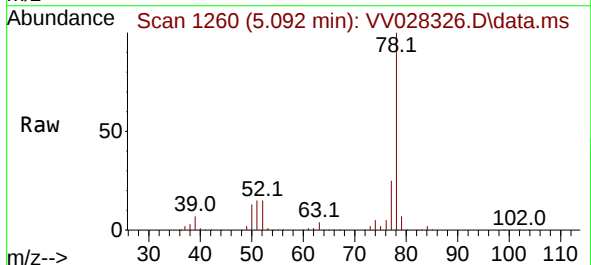
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

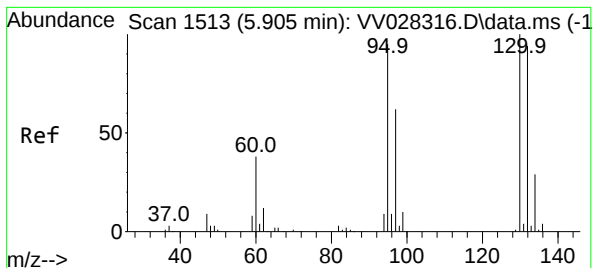
Tgt Ion:117 Resp: 121921
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 673.167 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion: 78 Resp: 352102





#34

Trichloroethene

Concen: 662.795 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion: 95 Resp: 86800

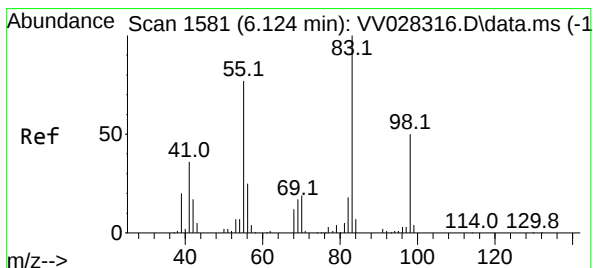
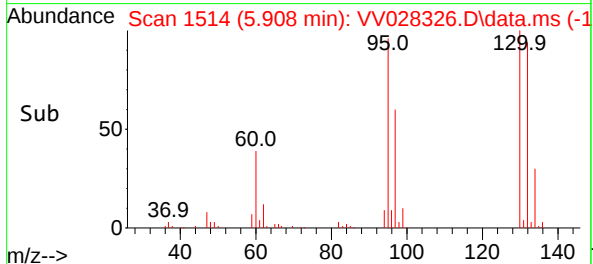
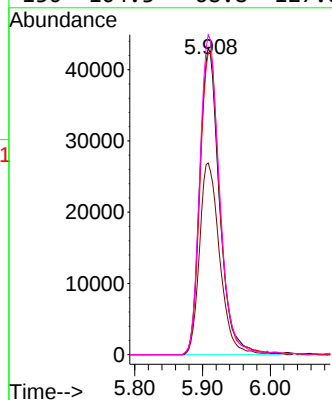
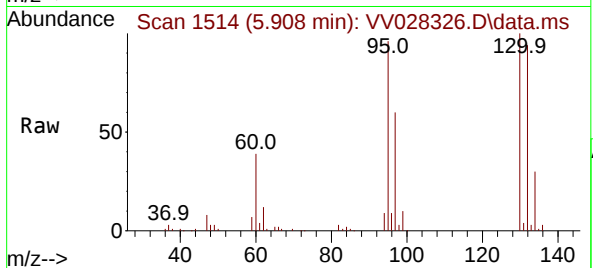
Ion Ratio Lower Upper

95 100

97 62.5 44.2 82.0

132 98.3 67.8 126.0

130 104.3 68.8 127.8



#35

Methylcyclohexane

Concen: 623.534 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

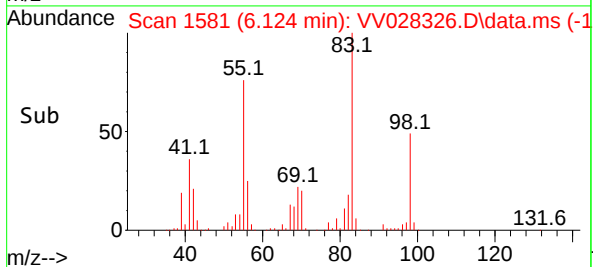
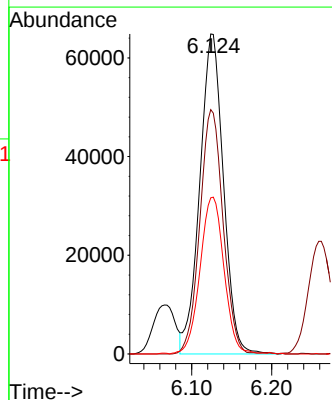
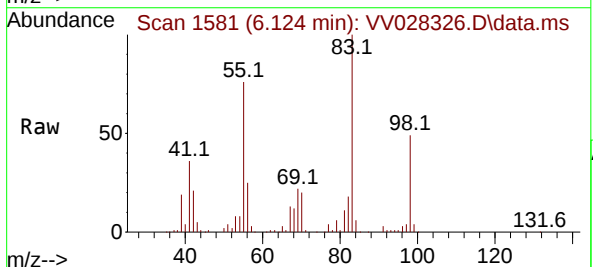
Tgt Ion: 83 Resp: 133311

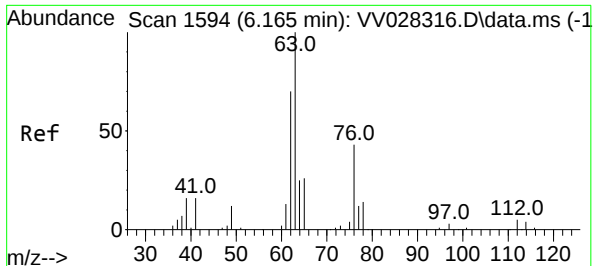
Ion Ratio Lower Upper

83 100

55 75.0 64.7 97.1

98 49.7 39.5 59.3





#37

1,2-Dichloropropane

Concen: 700.507 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

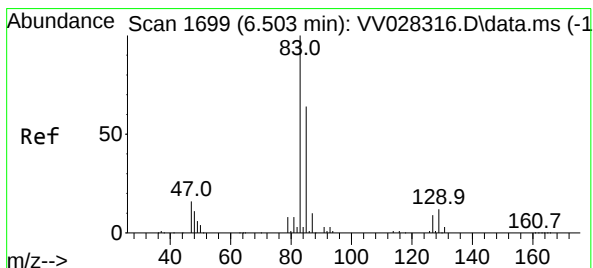
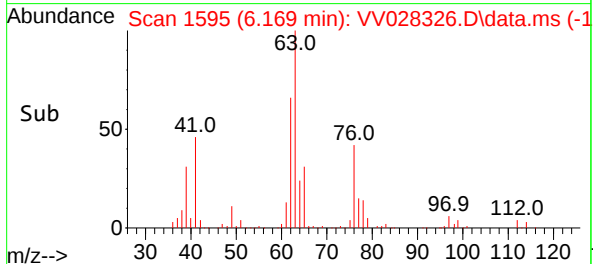
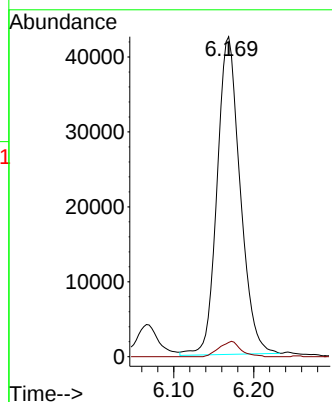
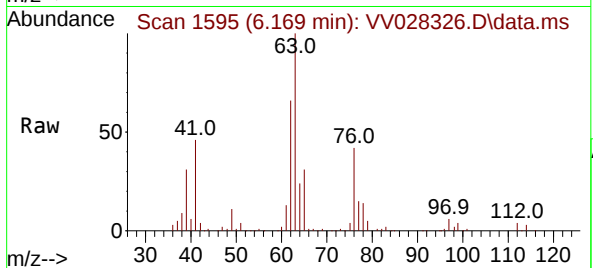
VHBLK001

Tgt Ion: 63 Resp: 84859

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 637.596 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

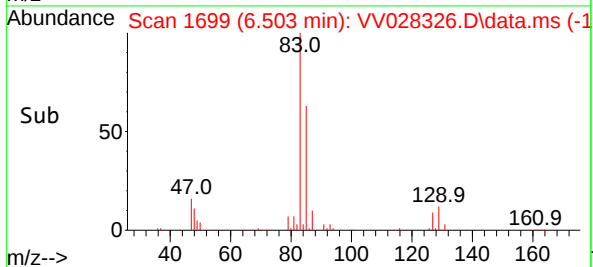
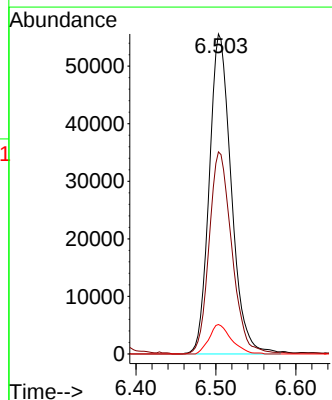
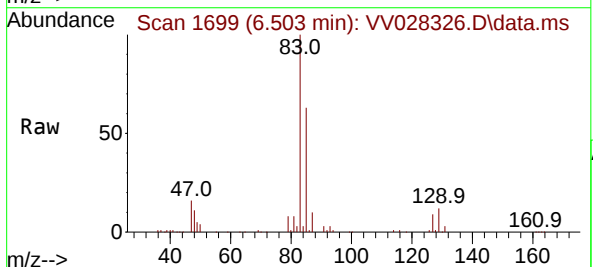
Tgt Ion: 83 Resp: 106519

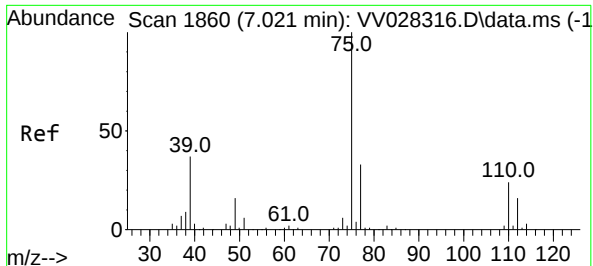
Ion Ratio Lower Upper

83 100

85 63.1 43.8 81.4

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 630.229 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

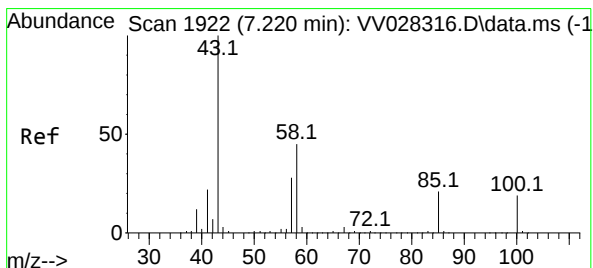
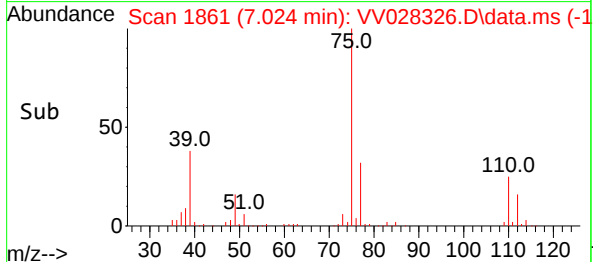
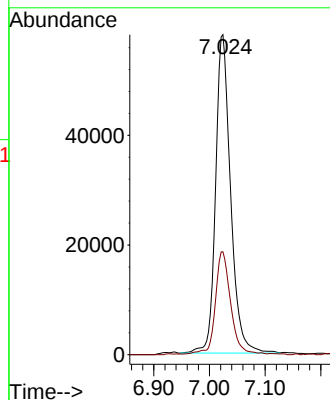
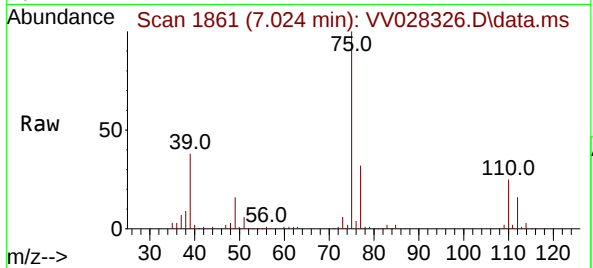
VHBLK001

Tgt Ion: 75 Resp: 108974

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 3509.041 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

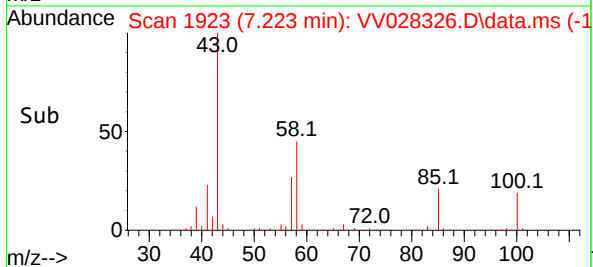
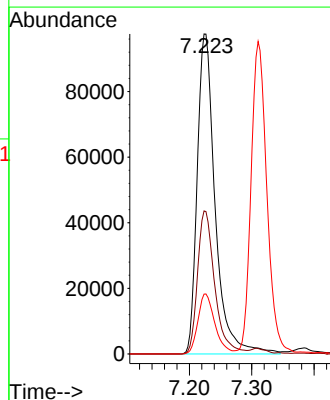
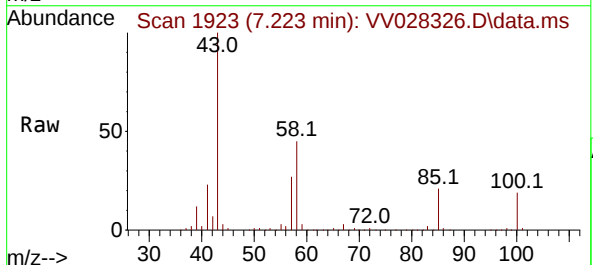
Tgt Ion: 43 Resp: 195295

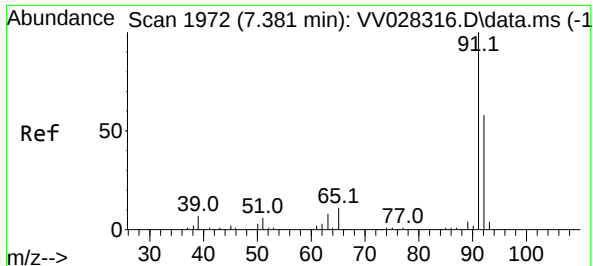
Ion Ratio Lower Upper

43 100

58 42.8 32.2 48.4

100 17.7 12.7 19.1





#42

Toluene

Concen: 666.214 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

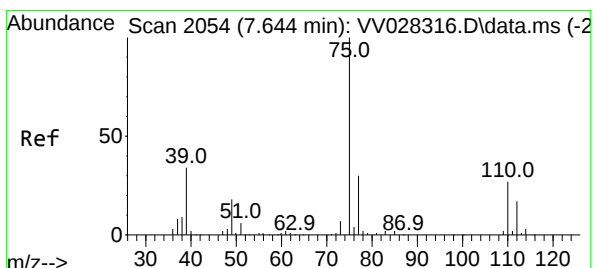
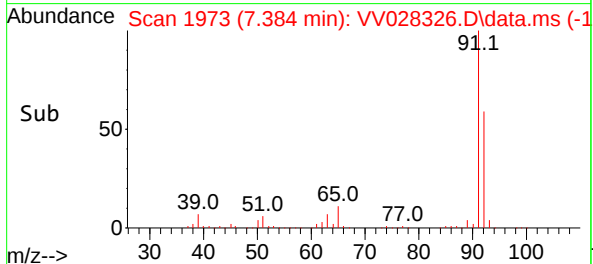
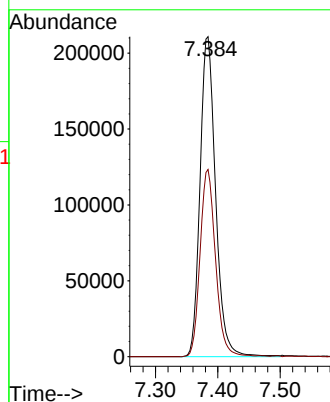
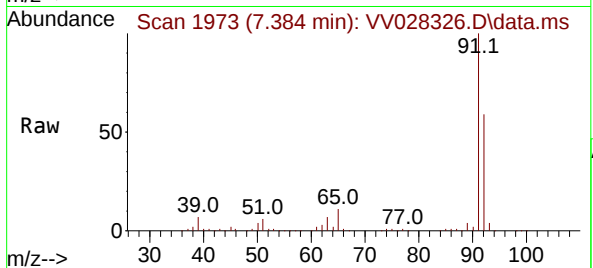
VHBLK001

Tgt Ion: 91 Resp: 366674

Ion Ratio Lower Upper

91 100

92 58.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 610.599 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028326.D

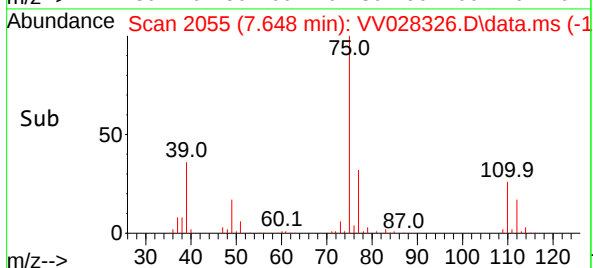
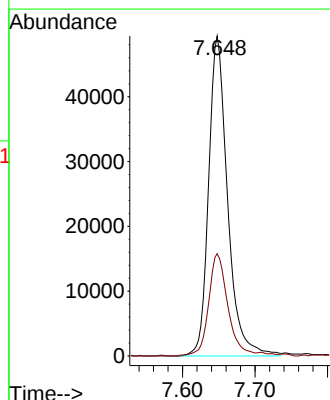
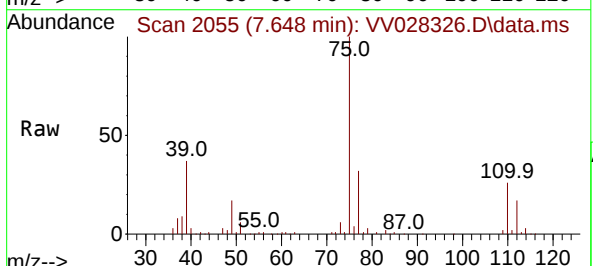
Acq: 04 Oct 2022 13:52

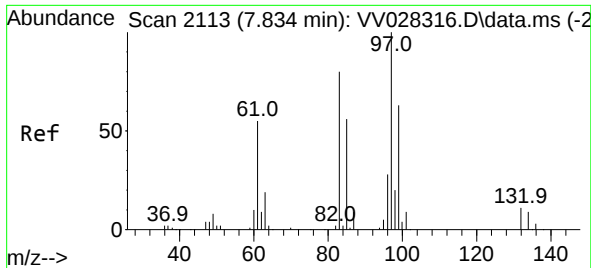
Tgt Ion: 75 Resp: 89694

Ion Ratio Lower Upper

75 100

77 31.9 23.9 44.3



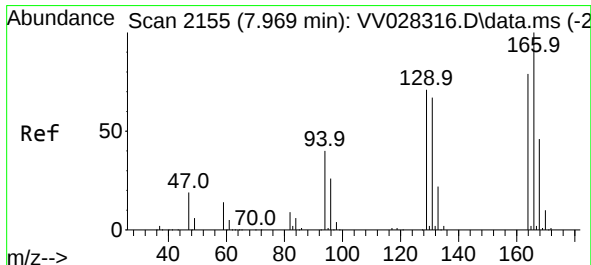
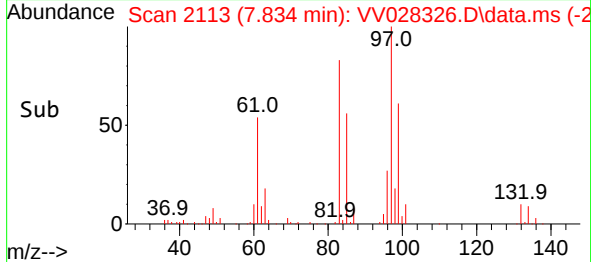
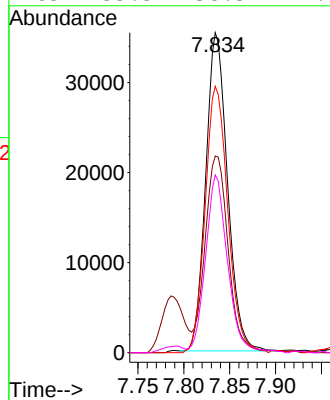
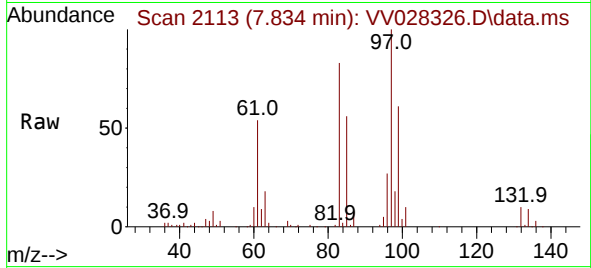


#45
1,1,2-Trichloroethane
Concen: 650.002 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 97 Resp: 58399

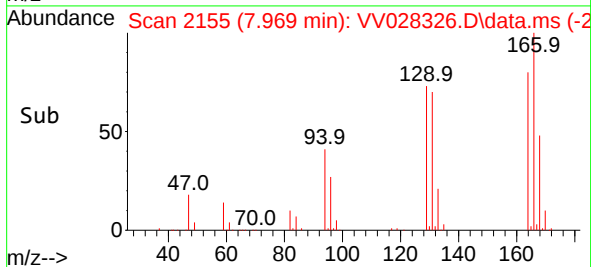
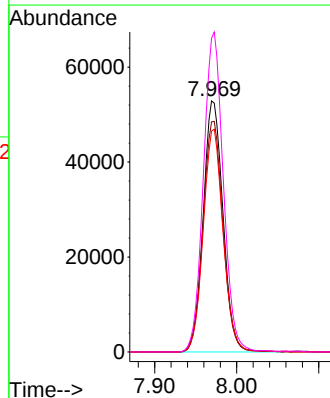
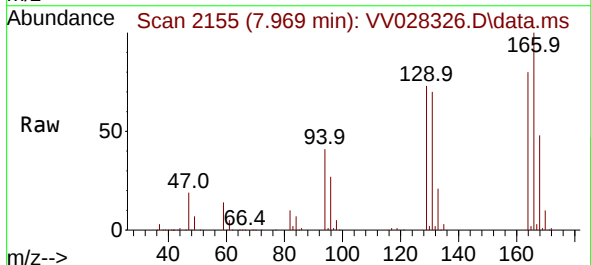
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.2	80.2
83	83.3	59.1	109.9
85	55.5	38.5	71.5

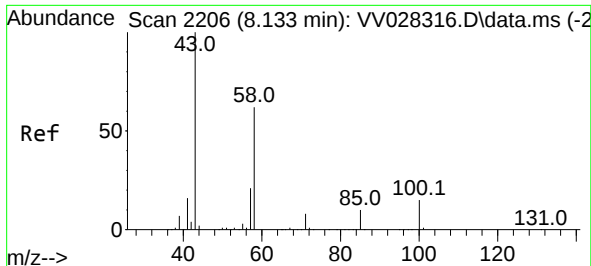


#47
Tetrachloroethene
Concen: 773.969 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion: 164 Resp: 88585

Ion	Ratio	Lower	Upper
164	100		
129	91.6	66.7	123.9
131	88.0	61.7	114.5
166	125.0	90.9	168.9

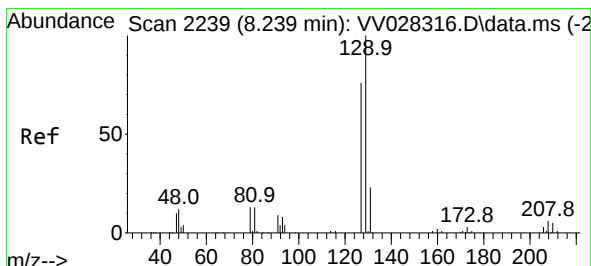
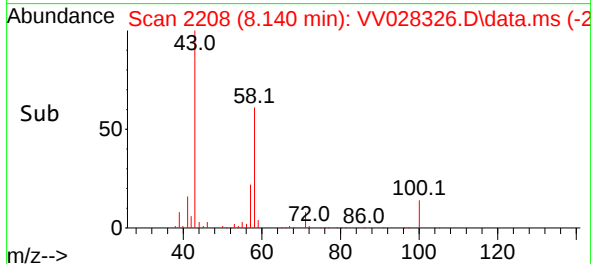
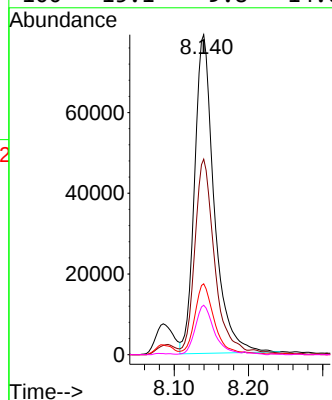
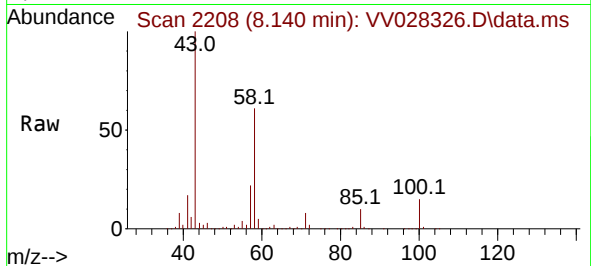




#48
2-Hexanone
Concen: 3728.324 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.004 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

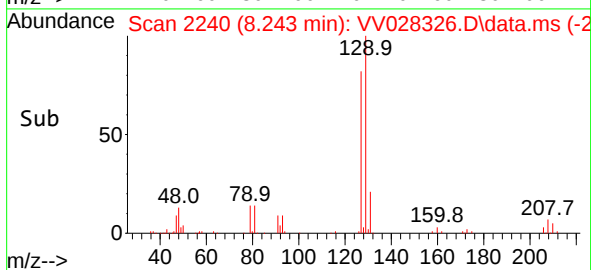
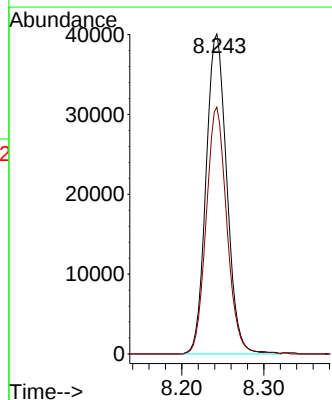
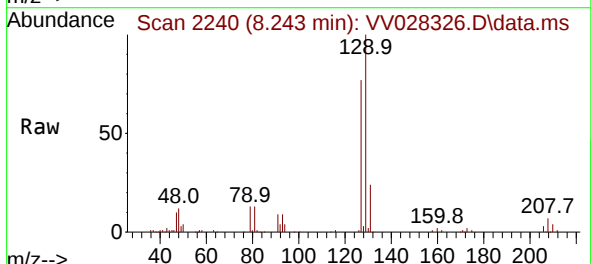
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

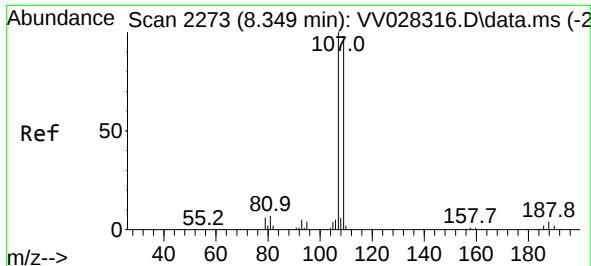
Tgt Ion: 43 Resp: 145330
Ion Ratio Lower Upper
43 100
58 59.0 45.7 68.5
57 21.9 15.5 23.3
100 15.1 9.8 14.6#



#49
Dibromochloromethane
Concen: 618.066 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion: 129 Resp: 70285
Ion Ratio Lower Upper
129 100
127 77.2 54.3 100.9

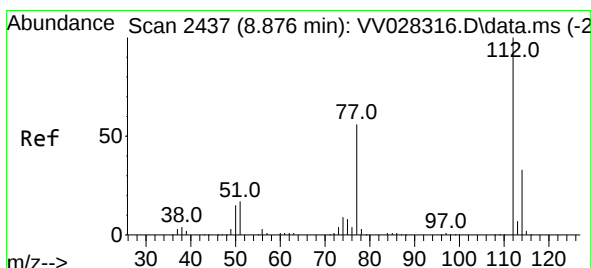
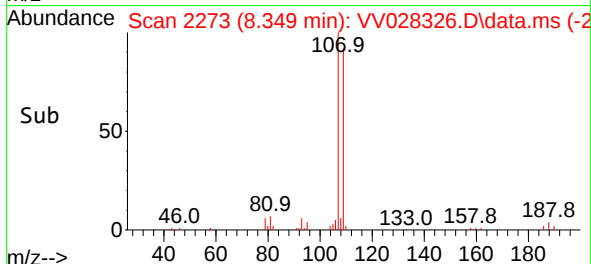
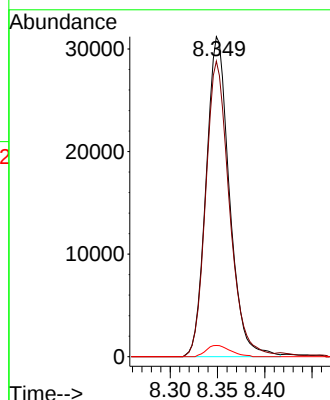
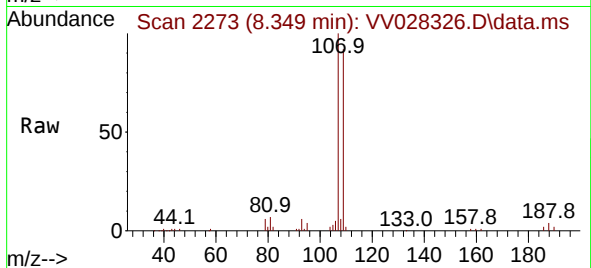




#50
1,2-Dibromoethane
Concen: 662.703 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

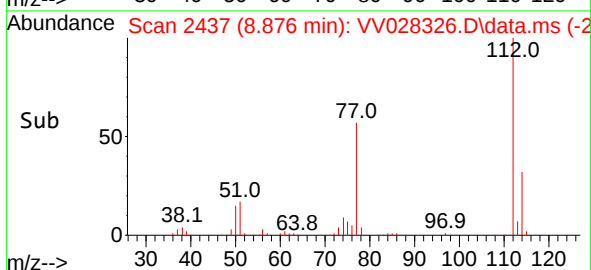
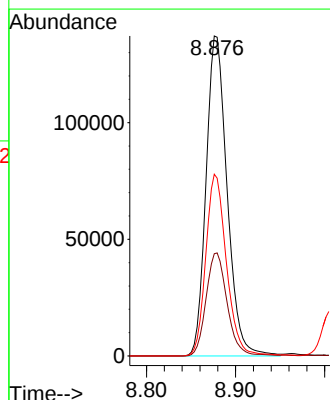
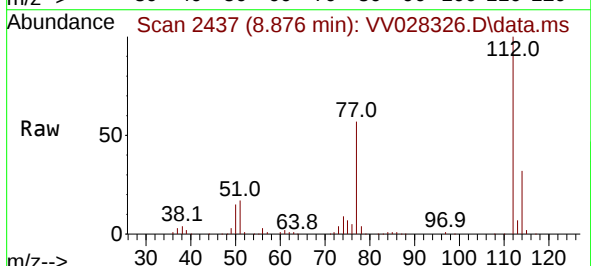
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

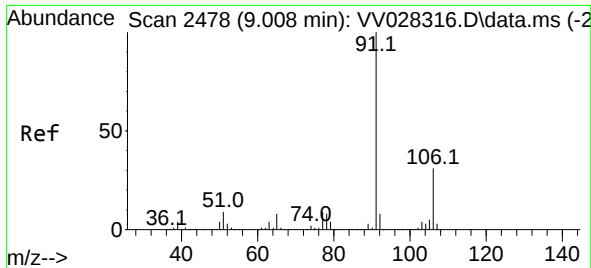
Tgt Ion:	107	Resp:	53581
Ion	Ratio	Lower	Upper
107	100		
109	92.4	65.9	122.5
188	3.5	3.4	5.0



#51
Chlorobenzene
Concen: 614.765 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion:	112	Resp:	225012
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.7
77	56.8	46.1	69.1

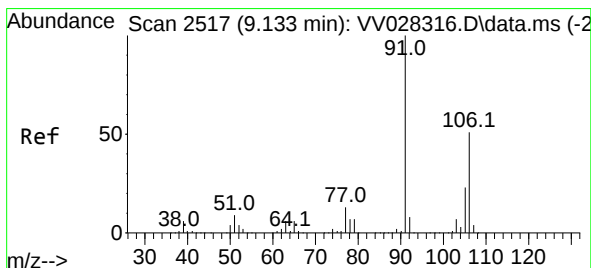
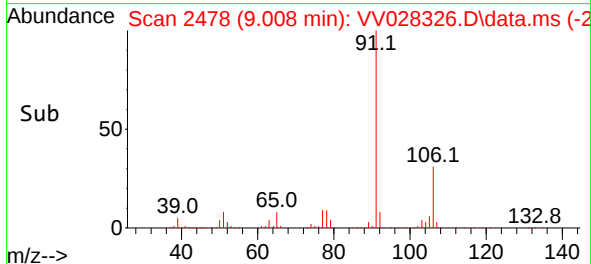
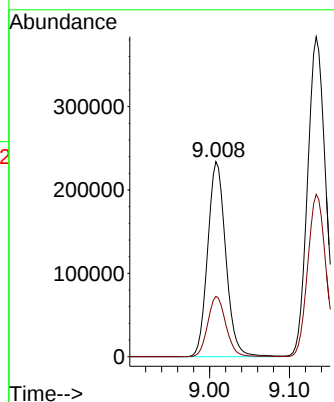
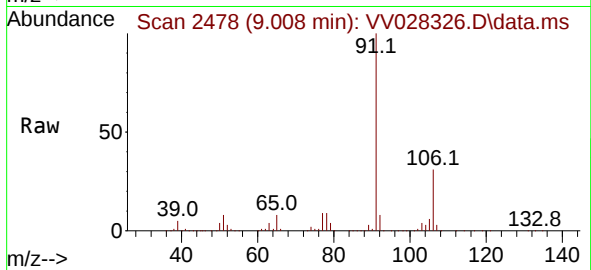




#52
Ethylbenzene
Concen: 637.085 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

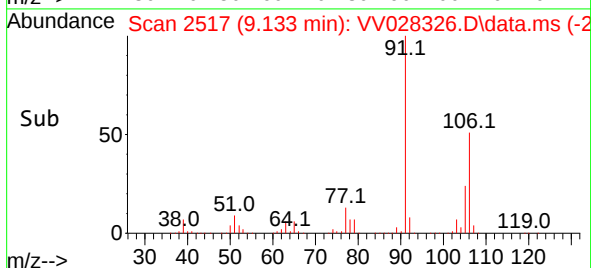
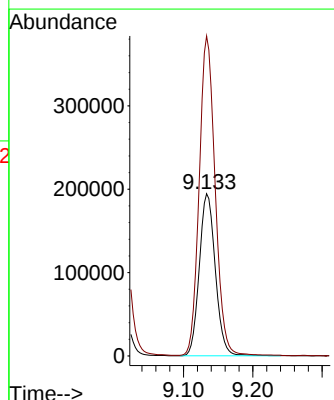
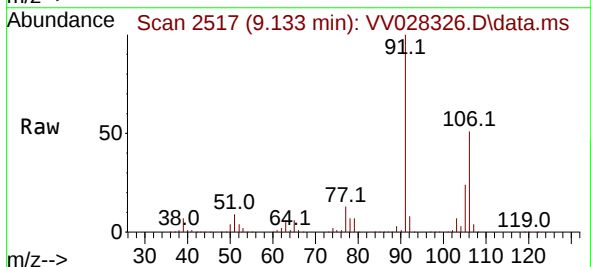
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

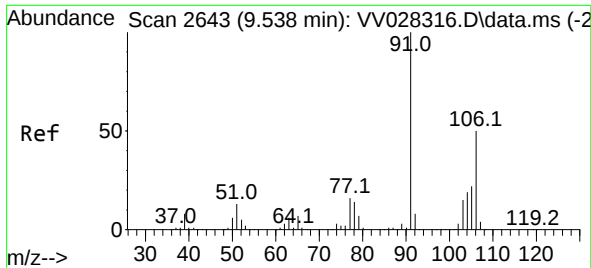
Tgt Ion: 91 Resp: 368485
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 1354.447 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion:106 Resp: 312291
Ion Ratio Lower Upper
106 100
91 197.2 141.9 263.5

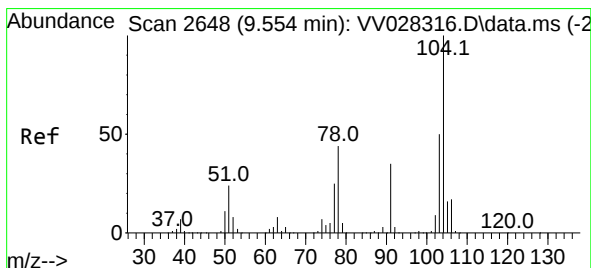
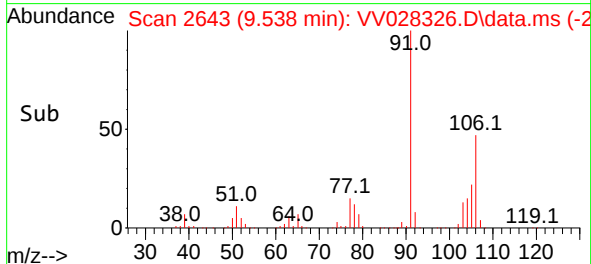
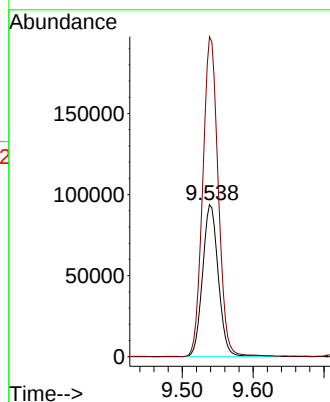
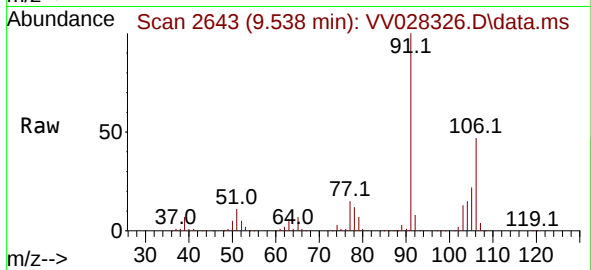




#54
o-Xylene
Concen: 663.522 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

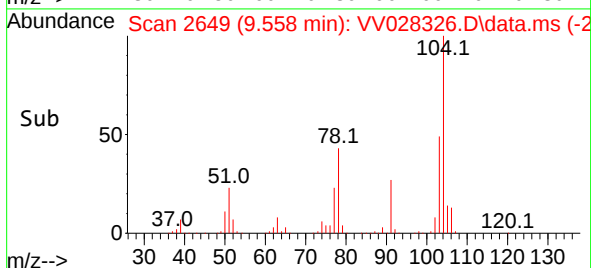
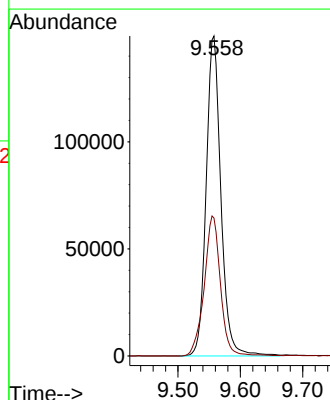
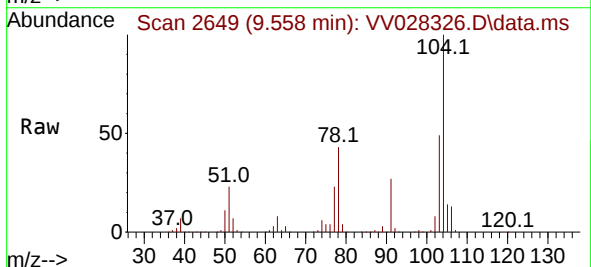
Instrument : MSVOA_V
ClientSampleId : VHBLK001

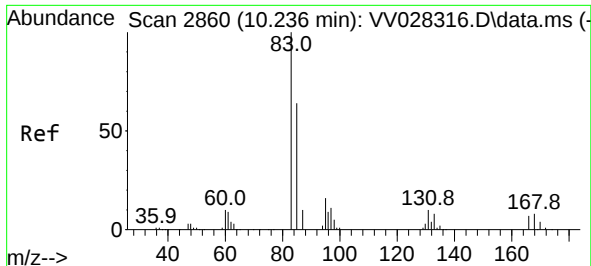
Tgt Ion:106 Resp: 144695
Ion Ratio Lower Upper
106 100
91 210.6 148.1 275.0



#55
Styrene
Concen: 655.982 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion:104 Resp: 245845
Ion Ratio Lower Upper
104 100
78 43.1 31.0 57.6

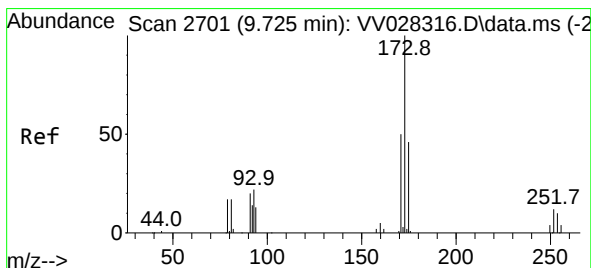
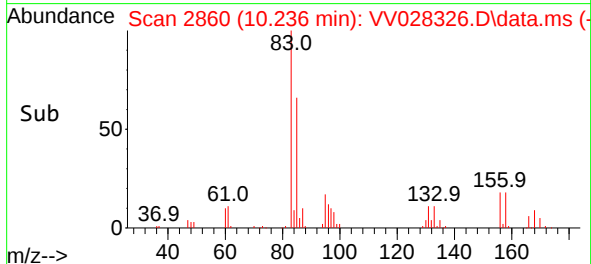
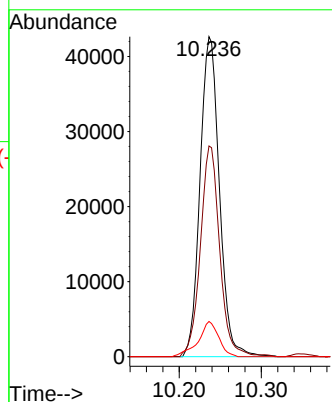
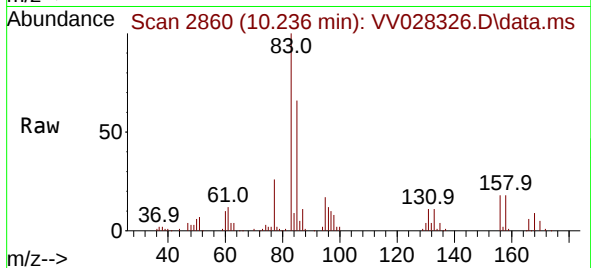




#57
 1,1,2,2-Tetrachloroethane
 Concen: 685.091 ug/L
 RT: 10.236 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

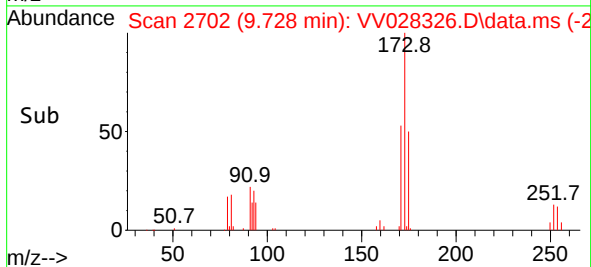
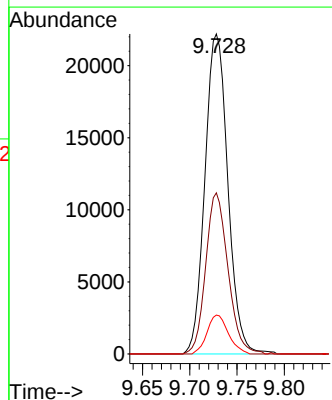
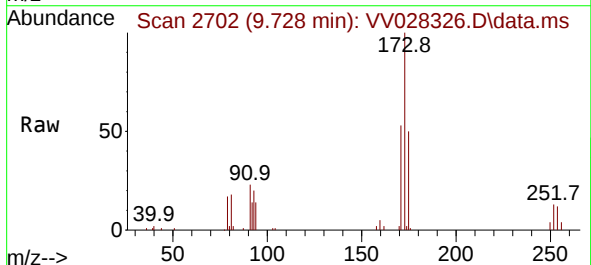
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

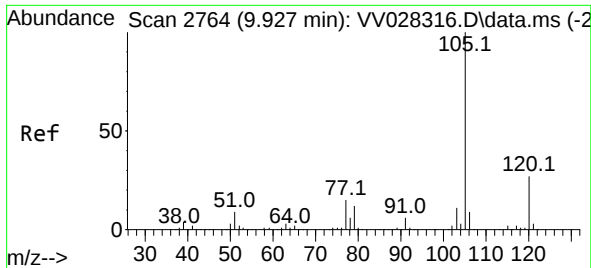
Tgt Ion: 83 Resp: 69842
 Ion Ratio Lower Upper
 83 100
 85 65.9 45.2 84.0
 131 11.0 7.8 11.8



#59
 Bromoform
 Concen: 215.877 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV028326.D
 Acq: 04 Oct 2022 13:52

Tgt Ion: 173 Resp: 37479
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.0 58.4
 254 11.3 8.7 13.1

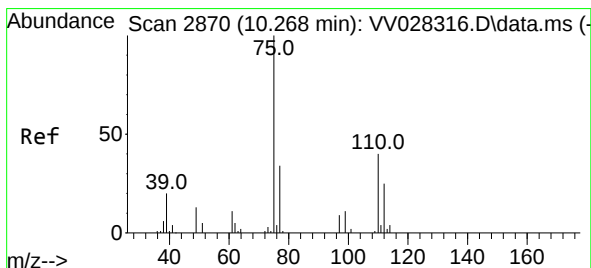
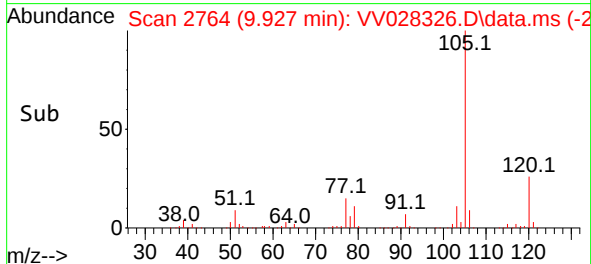
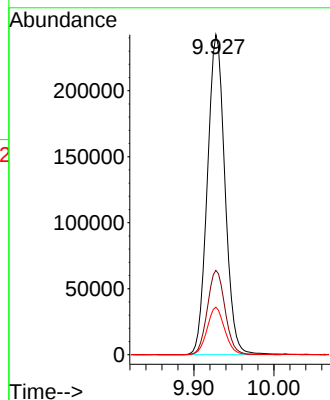
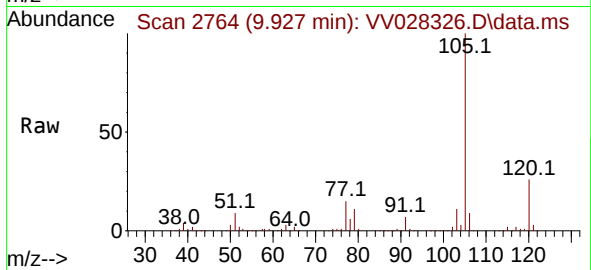




#60
Isopropylbenzene
Concen: 229.702 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

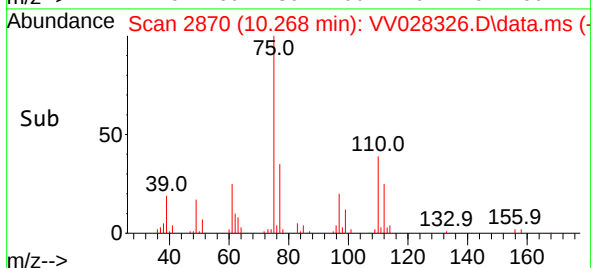
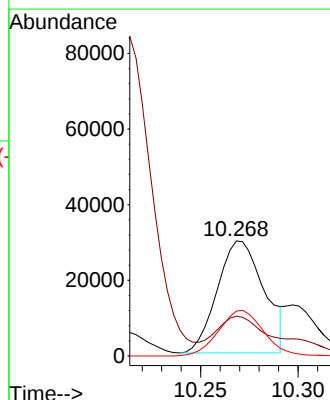
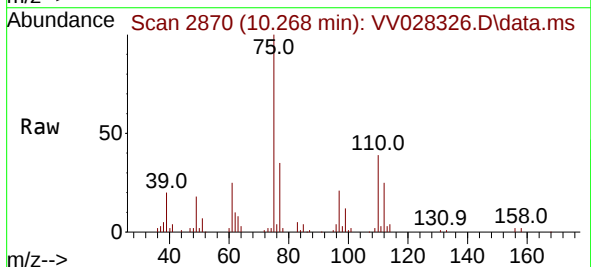
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

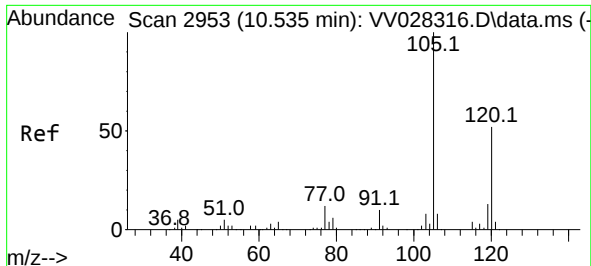
Tgt Ion:105 Resp: 370490
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 243.424 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion: 75 Resp: 49511
Ion Ratio Lower Upper
75 100
77 46.9 26.7 40.1#
110 39.0 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 733.425 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

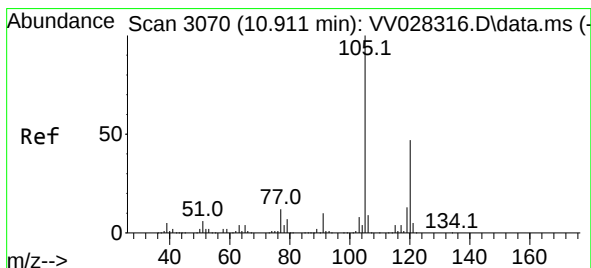
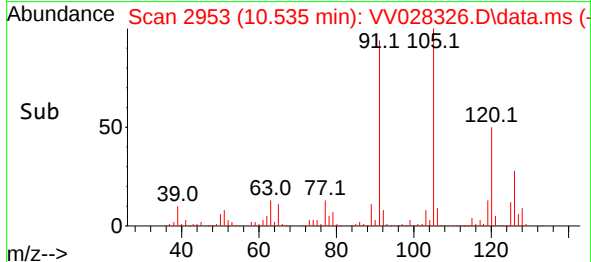
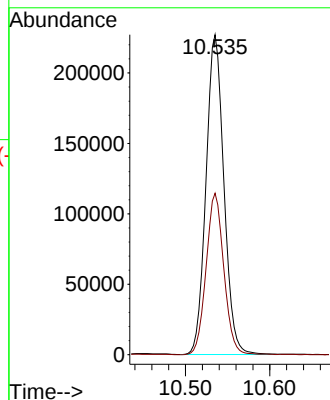
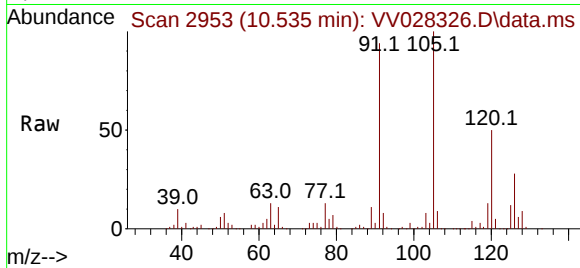
VHBLK001

Tgt Ion:105 Resp: 336155

Ion Ratio Lower Upper

105 100

120 49.9 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 261.870 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. -0.003 min

Lab File: VV028326.D

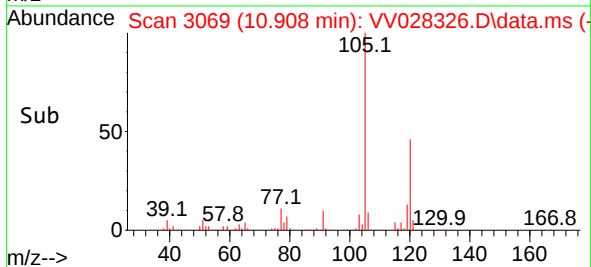
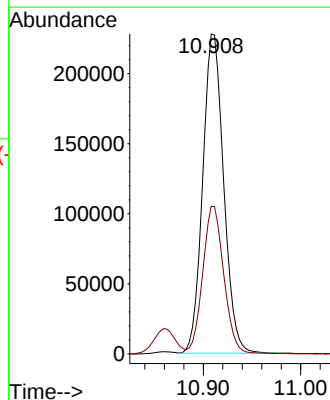
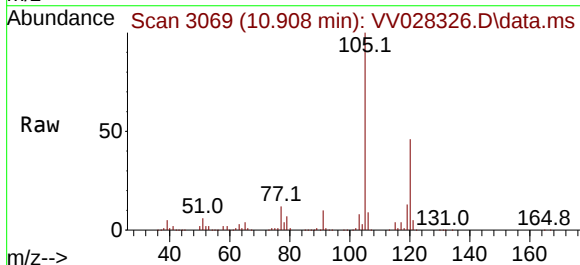
Acq: 04 Oct 2022 13:52

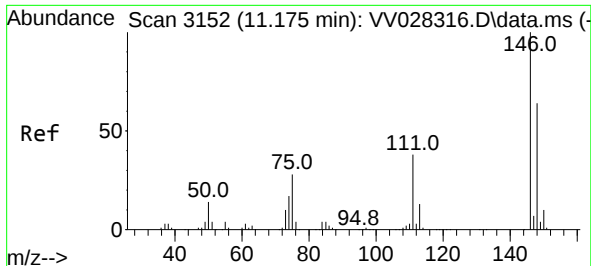
Tgt Ion:105 Resp: 340171

Ion Ratio Lower Upper

105 100

120 46.3 37.8 56.8

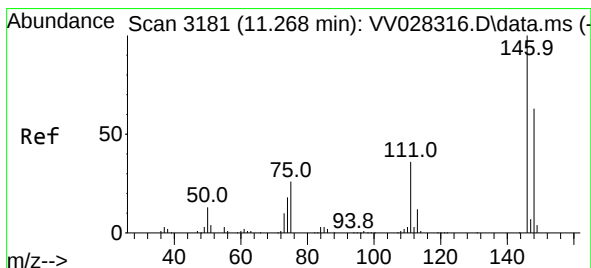
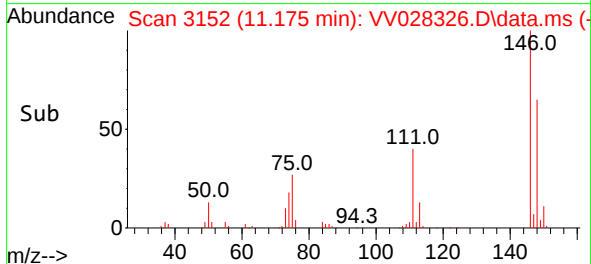
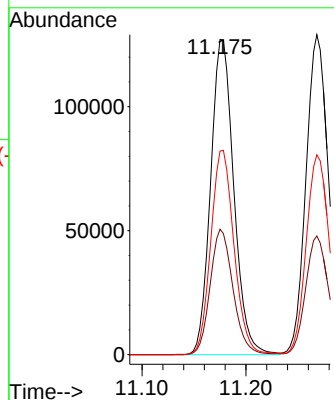
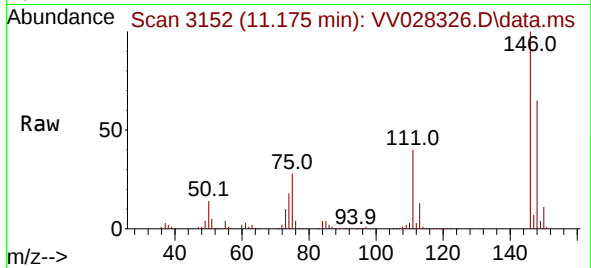




#64
1,3-Dichlorobenzene
Concen: 248.770 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

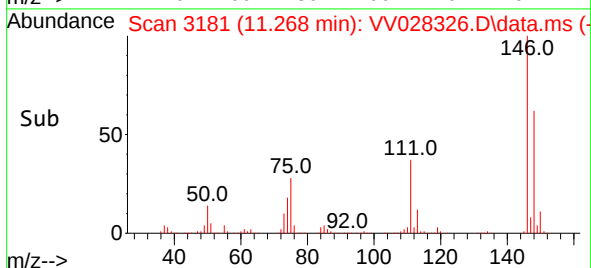
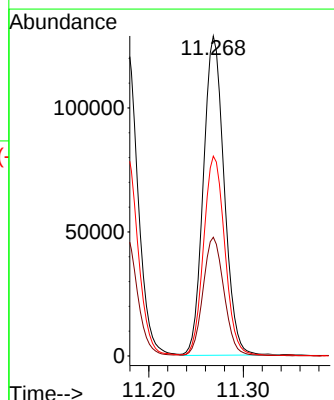
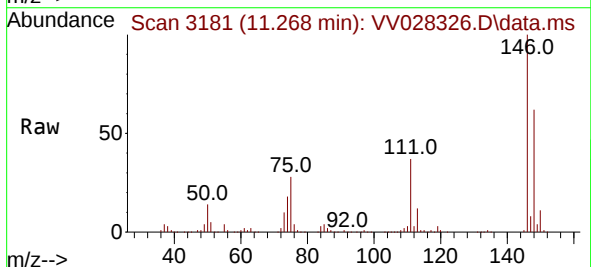
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

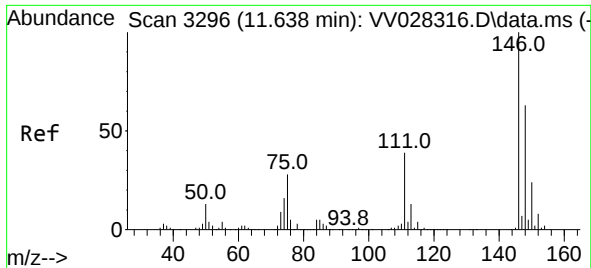
Tgt Ion:146 Resp: 197120
Ion Ratio Lower Upper
146 100
111 39.8 27.1 50.3
148 64.6 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 247.458 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion:146 Resp: 196337
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.8
148 62.5 45.8 85.2

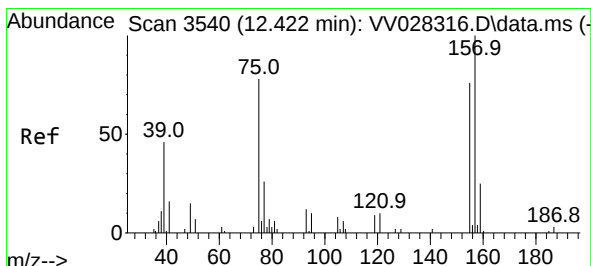
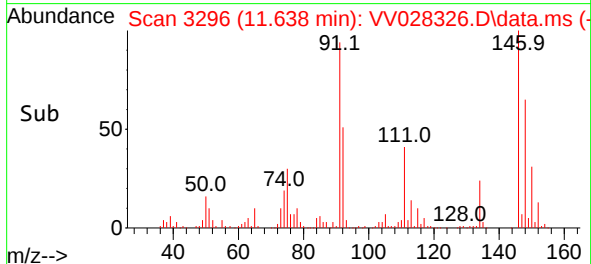
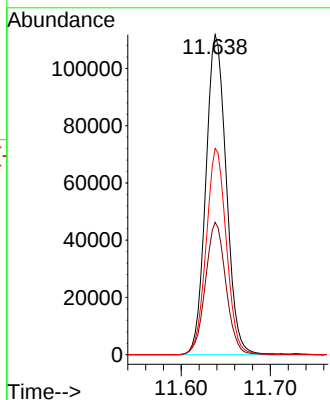
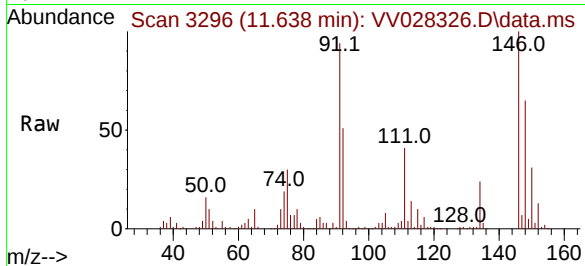




#67
1,2-Dichlorobenzene
Concen: 246.985 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

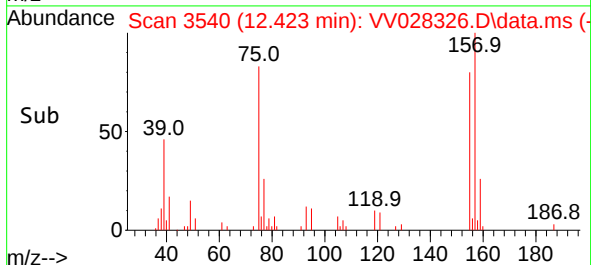
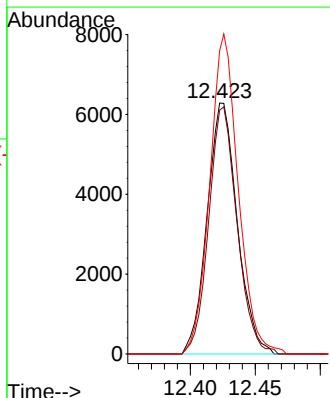
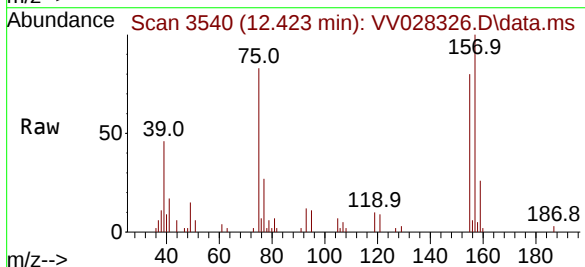
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

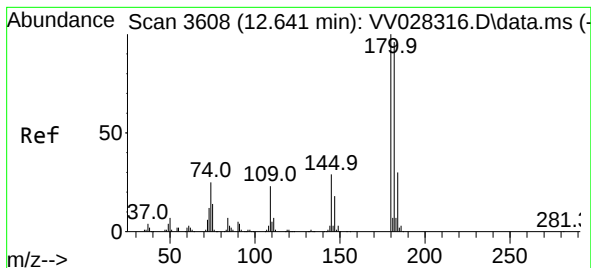
Tgt Ion:146 Resp: 177496
Ion Ratio Lower Upper
146 100
111 41.4 32.6 49.0
148 64.5 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 218.711 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV028326.D
Acq: 04 Oct 2022 13:52

Tgt Ion: 75 Resp: 10133
Ion Ratio Lower Upper
75 100
155 97.2 73.6 110.4
157 120.9 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 0.391 ug/L

RT: 12.641 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion:180 Resp: 245

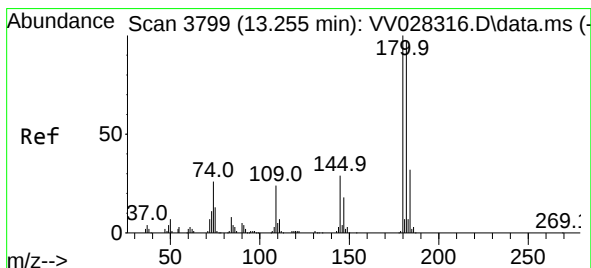
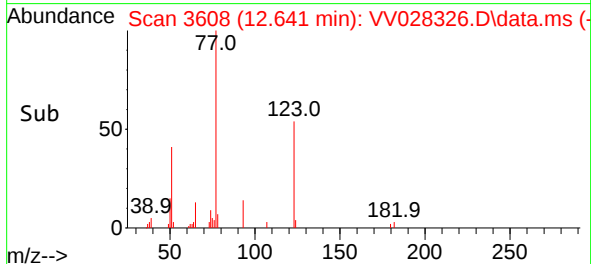
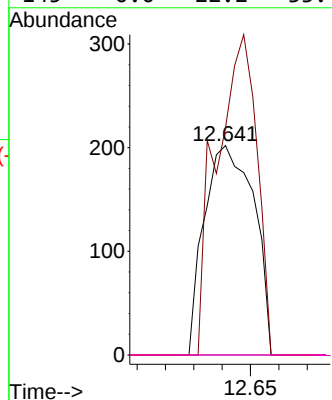
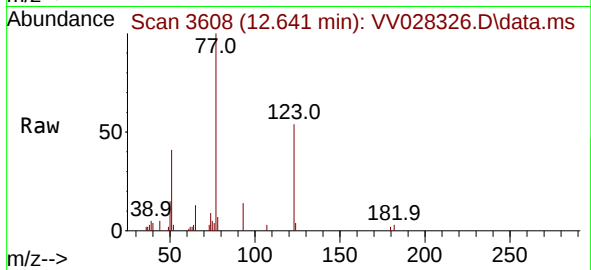
Ion Ratio Lower Upper

180 100

182 124.5 75.5 113.3#

184 0.0 23.7 35.5#

145 0.0 22.2 33.4#



#70

1,2,4-trichlorobenzene

Concen: 228.951 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

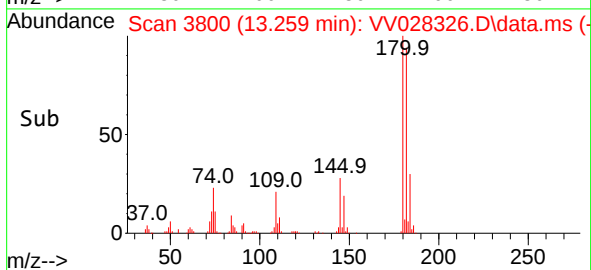
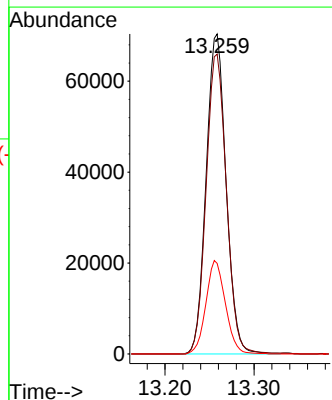
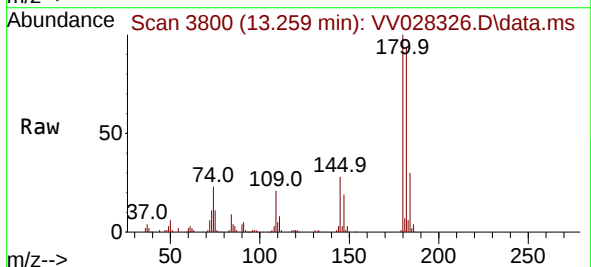
Tgt Ion:180 Resp: 109353

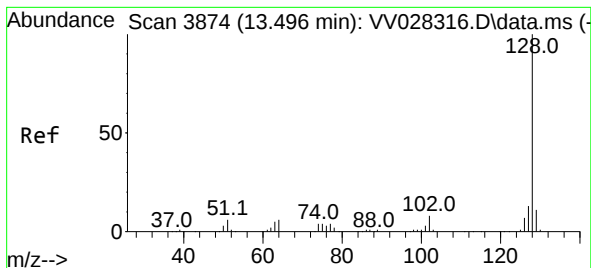
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 28.6 22.9 34.3





#71

Naphthalene

Concen: 210.797 ug/L

RT: 13.496 min Scan# 3950

Delta R.T. -0.003 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

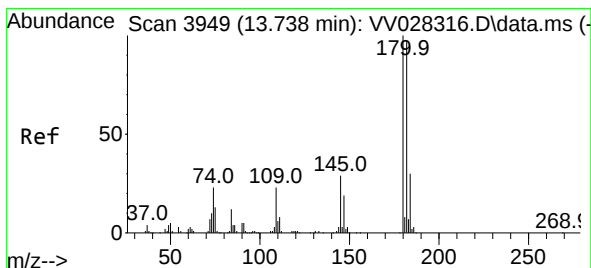
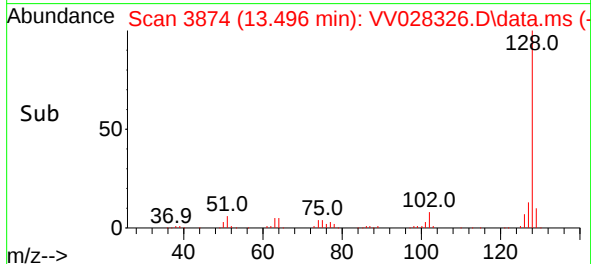
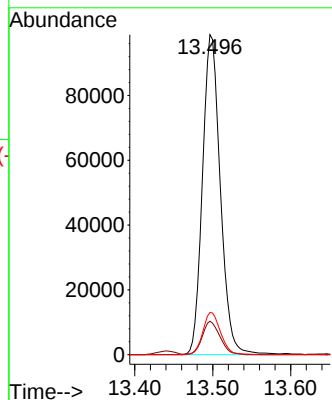
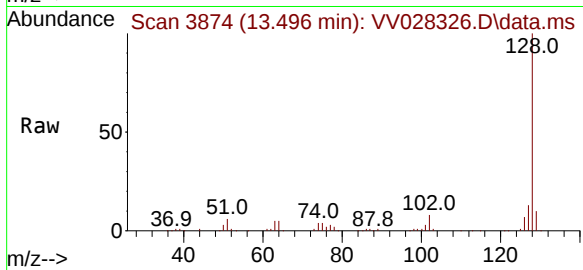
Tgt Ion:128 Resp: 157250

Ion Ratio Lower Upper

128 100

129 10.3 8.2 12.2

127 13.2 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 230.854 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV028326.D

Acq: 04 Oct 2022 13:52

Tgt Ion:180 Resp: 99395

Ion Ratio Lower Upper

180 100

182 94.5 77.4 116.0

145 29.5 24.6 36.8

