

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
 Data File : VV027381.D
 Acq On : 15 Aug 2022 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 00:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	154113	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63454	4.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.561	69	48725	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.101	63	117547	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.879	46	111472	49.159	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.320%
24) Chloroform-d	4.339	84	132136	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.024	65	62260	5.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.043	84	255072	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.063	67	77896	5.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.310	98	249250	5.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	7.619	79	29458	5.747	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.000%
46) 2-Hexanone-d5	8.085	63	108070	54.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56201	5.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	80997	5.242	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	94809	5.177	ug/L	100
3) Chloromethane	1.236	50	81497	4.449	ug/L	97
5) Vinyl chloride	1.307	62	80797	4.729	ug/L	99
6) Bromomethane	1.516	94	34661	4.344	ug/L	99
8) Chloroethane	1.580	64	47330	4.982	ug/L	94
9) Trichlorofluoromethane	1.748	101	113904	4.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	61265	5.719	ug/L	97
12) 1,1-Dichloroethene	2.111	96	53896	4.856	ug/L	98
13) Acetone	2.169	43	56034	33.439	ug/L	98
14) Carbon disulfide	2.288	76	186788	4.203	ug/L	100
15) Methyl Acetate	2.429	43	17949	4.399	ug/L	96
16) Methylene chloride	2.500	84	72094	4.045	ug/L	97
17) Methyl tert-butyl Ether	2.760	73	120811	4.664	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	66479	4.870	ug/L	99
19) 1,1-Dichloroethane	3.182	63	129257	4.946	ug/L	98
21) 2-Butanone	3.963	43	97434	42.703	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	65621	4.889	ug/L	99
23) Bromochloromethane	4.239	128	27956	4.456	ug/L	99
25) Chloroform	4.365	83	137289	5.113	ug/L	98

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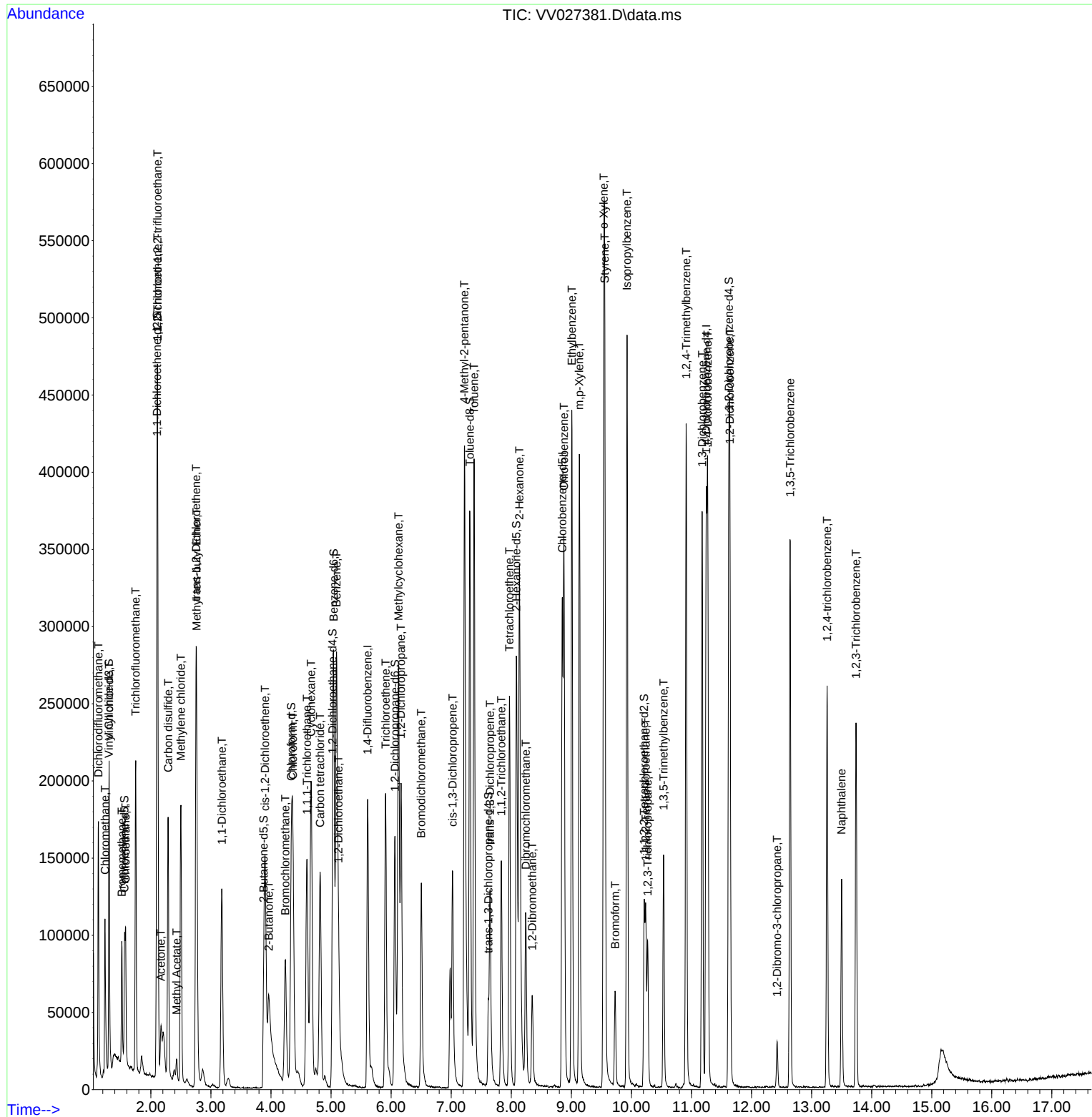
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	70530	4.596	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	118564	5.193	ug/L	99
30) Cyclohexane	4.667	56	93764	5.069	ug/L	98
31) Carbon tetrachloride	4.818	117	103635	5.216	ug/L	99
33) Benzene	5.092	78	270630	4.880	ug/L	100
34) Trichloroethene	5.908	95	70851	5.133	ug/L	98
35) Methylcyclohexane	6.124	83	103325	5.437	ug/L	99
37) 1,2-Dichloropropane	6.165	63	72917	5.320	ug/L	99
38) Bromodichloromethane	6.503	83	91969	5.206	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	87516	5.224	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	331470	46.861	ug/L	99
42) Toluene	7.381	91	303467	5.485	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	75169	5.128	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	46568	4.765	ug/L	98
47) Tetrachloroethene	7.969	164	56566	5.218	ug/L	99
48) 2-Hexanone	8.136	43	245294	48.325	ug/L	99
49) Dibromochloromethane	8.243	129	57633	5.038	ug/L	99
50) 1,2-Dibromoethane	8.349	107	41052	4.725	ug/L	100
51) Chlorobenzene	8.876	112	184708	5.126	ug/L	98
52) Ethylbenzene	9.008	91	296256	5.329	ug/L	99
53) m,p-Xylene	9.133	106	117567	5.545	ug/L	98
54) o-Xylene	9.541	106	109780	5.294	ug/L	97
55) Styrene	9.558	104	193618	5.430	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	52565	4.826	ug/L	98
59) Bromoform	9.731	173	27846	4.613	ug/L	96
60) Isopropylbenzene	9.927	105	299575	5.313	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37773	4.381	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	77252	4.957	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	225469	5.047	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	146483	5.199	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	146144	5.155	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	132245	5.040	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7526	4.179	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.644	180	103948	5.117	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	76495	5.039	ug/L	97
71) Naphthalene	13.500	128	103097	4.395	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	67874	4.796	ug/L	98

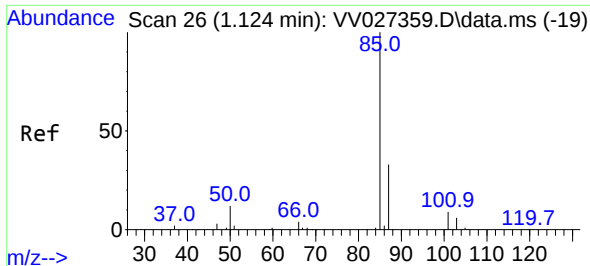
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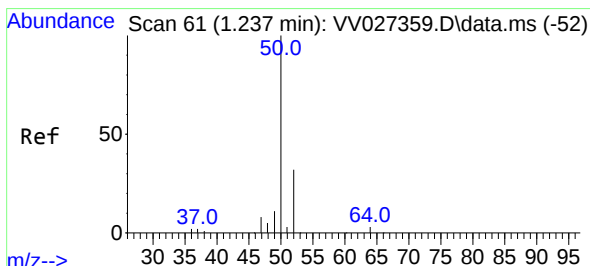
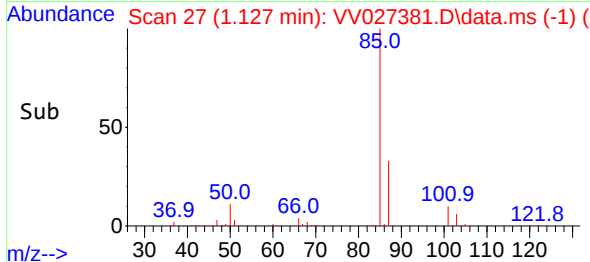
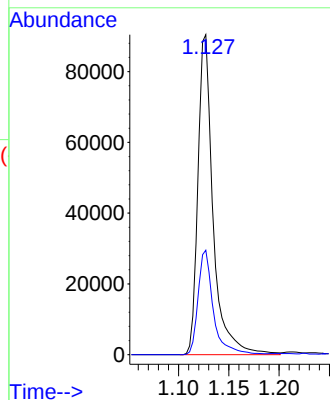
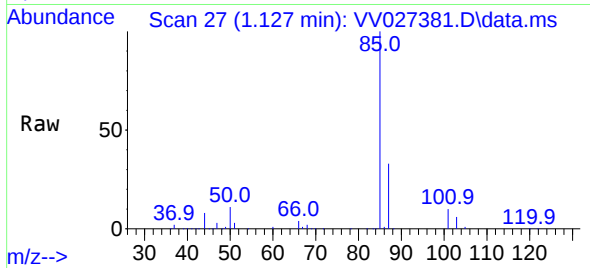




#2
 Dichlorodifluoromethane
 Concen: 5.177 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027381.D
 Acq: 15 Aug 2022 09:42

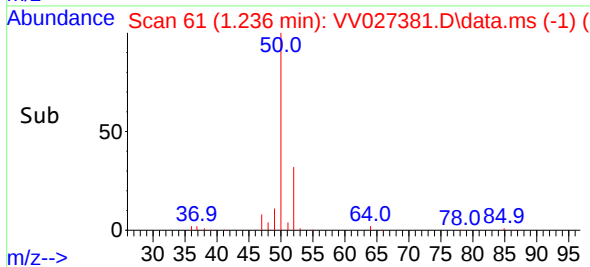
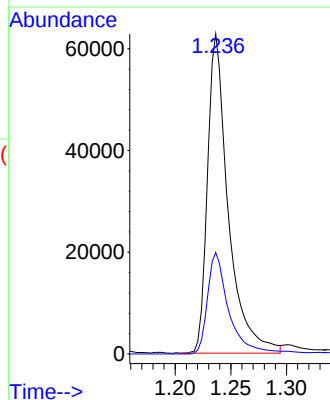
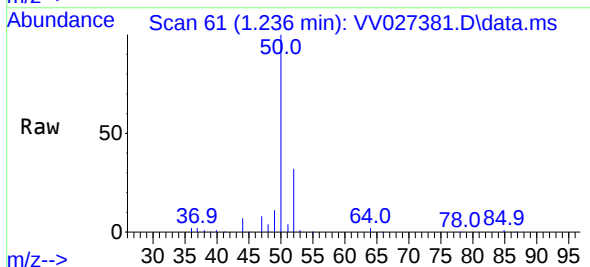
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 ClientSampleId :

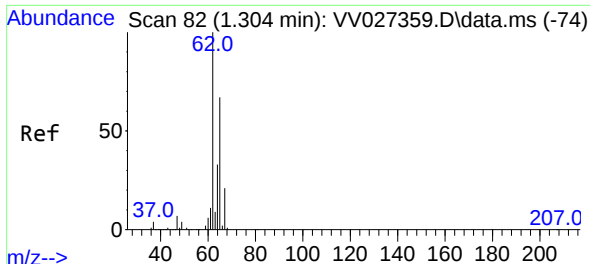
Tgt Ion: 85 Resp: 94809
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.449 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027381.D
 Acq: 15 Aug 2022 09:42

Tgt Ion: 50 Resp: 81497
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.4 43.4

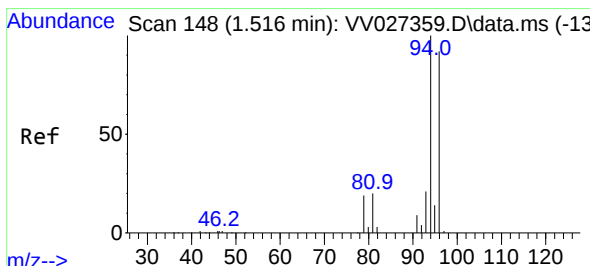
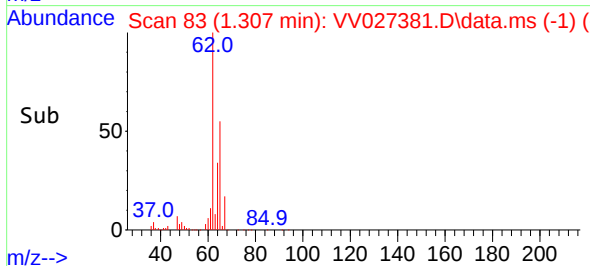
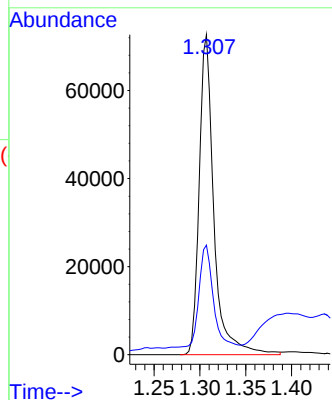
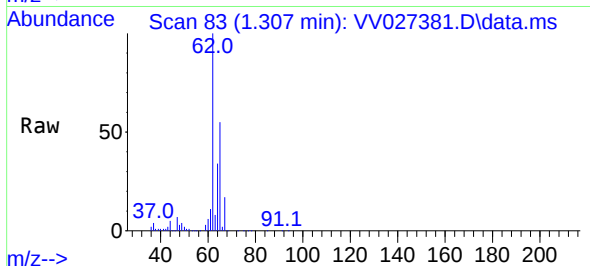




#5
 Vinyl chloride
 Concen: 4.729 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027381.D
 Acq: 15 Aug 2022 09:42

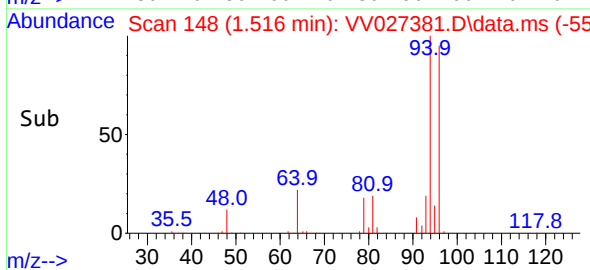
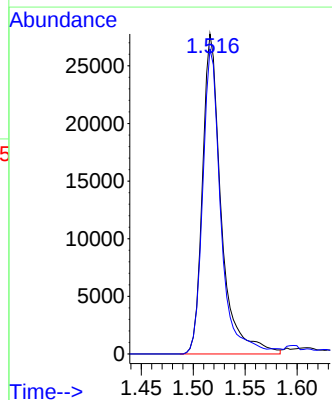
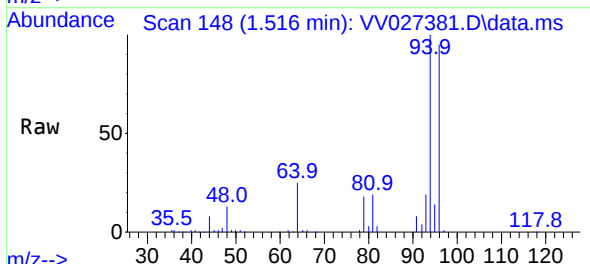
Instrument :
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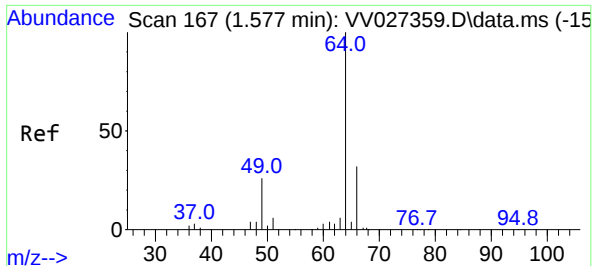
Tgt Ion: 62 Resp: 80797
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.7 44.1



#6
 Bromomethane
 Concen: 4.344 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027381.D
 Acq: 15 Aug 2022 09:42

Tgt Ion: 94 Resp: 34661
 Ion Ratio Lower Upper
 94 100
 96 95.3 67.2 124.8

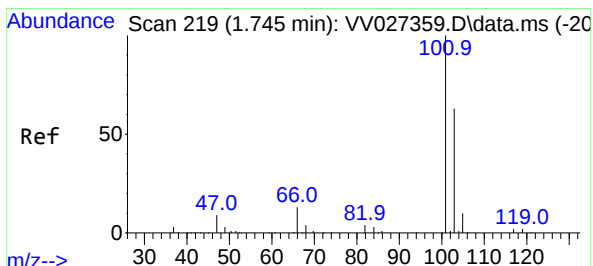
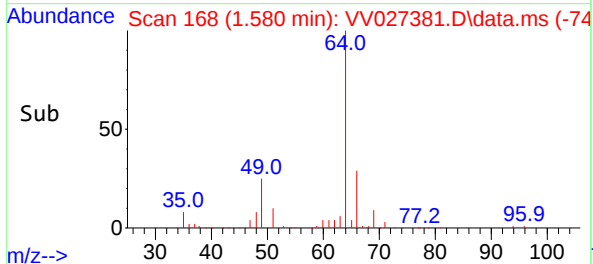
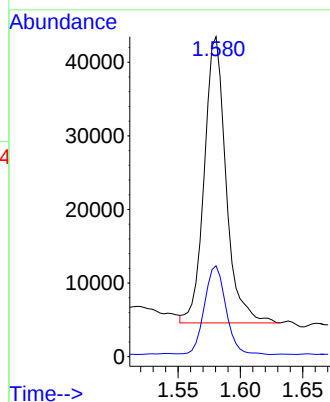
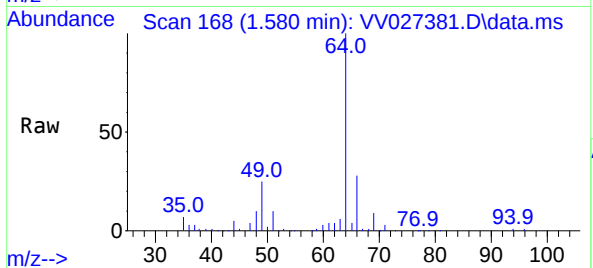




#8
Chloroethane
Concen: 4.982 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

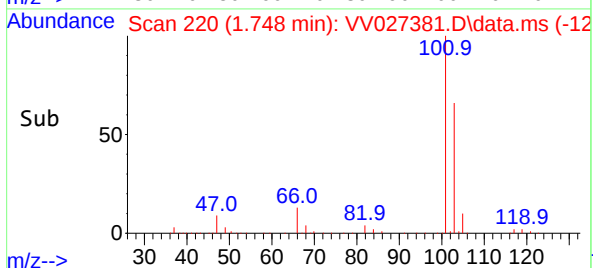
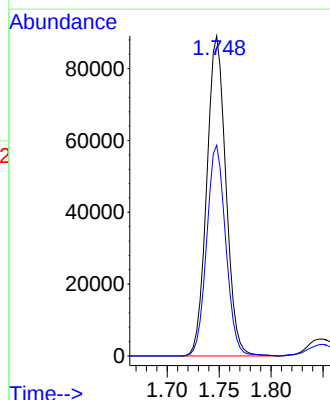
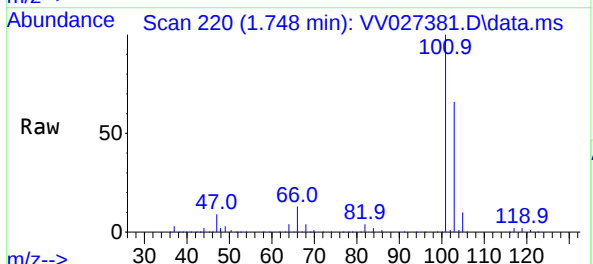
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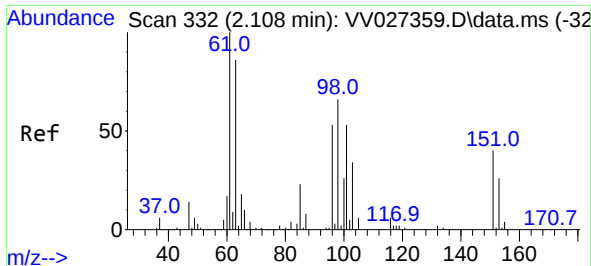
Tgt Ion: 64 Resp: 47330
Ion Ratio Lower Upper
64 100
66 28.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.993 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion:101 Resp: 113904
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

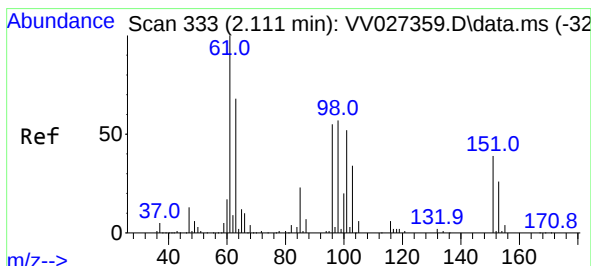
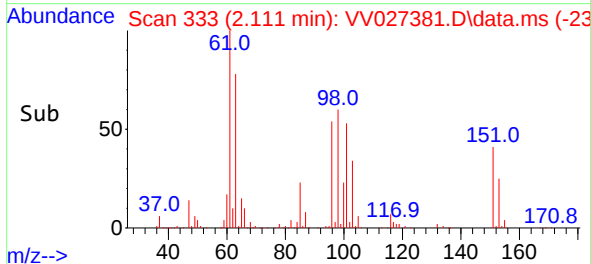
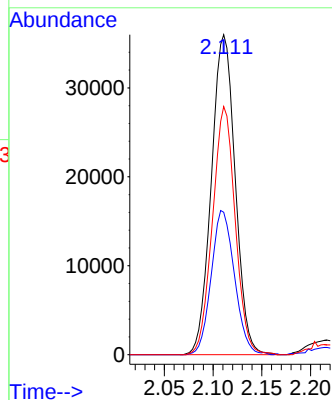
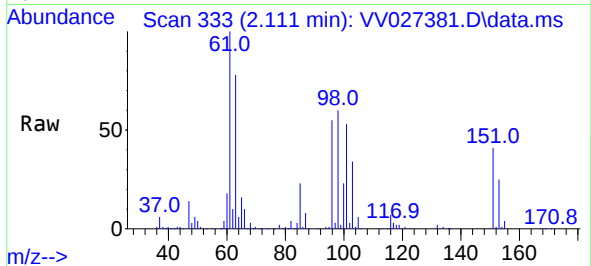




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.719 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027381.D
 Acq: 15 Aug 2022 09:42

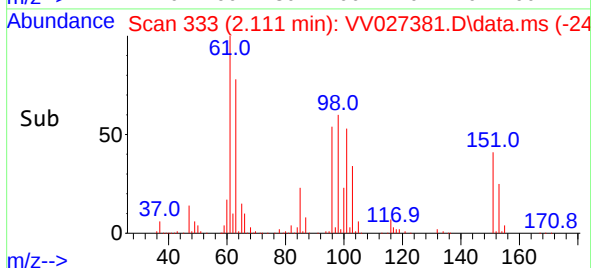
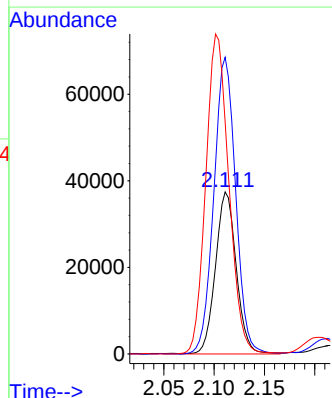
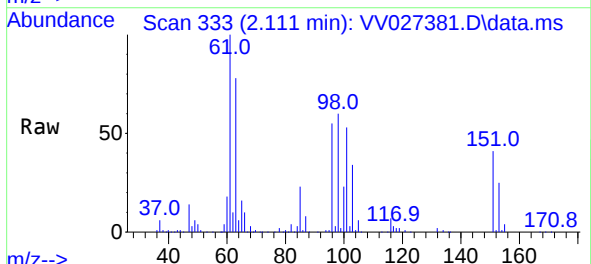
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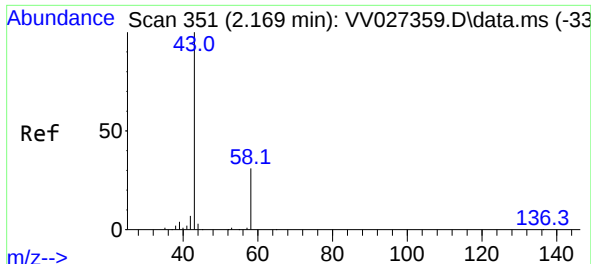
Tgt Ion:101 Resp: 61265
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.2 54.4
 151 73.9 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 4.856 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027381.D
 Acq: 15 Aug 2022 09:42

Tgt Ion: 96 Resp: 53896
 Ion Ratio Lower Upper
 96 100
 61 183.0 130.7 242.7
 63 142.9 101.4 188.2





#13

Acetone

Concen: 33.439 ug/L

RT: 2.169 min Scan# 351

Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

Instrument :

MSVOA_V

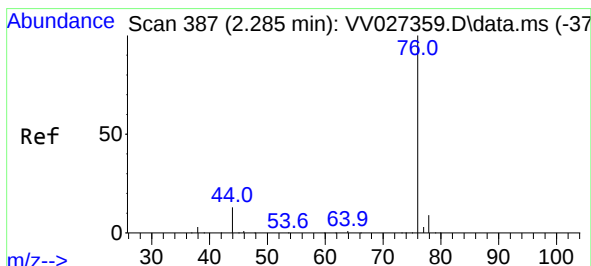
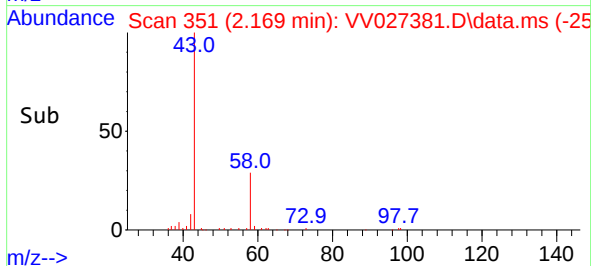
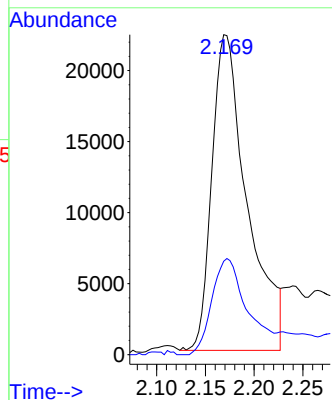
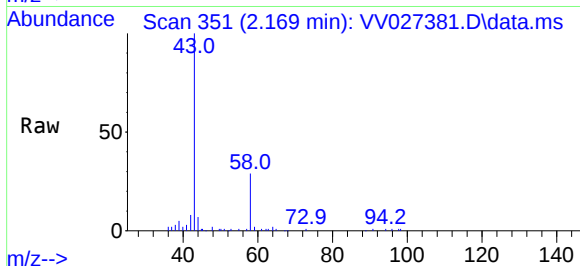
ClientSampleId :

Tgt Ion: 43 Resp: 56034

Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.2



#14

Carbon disulfide

Concen: 4.203 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027381.D

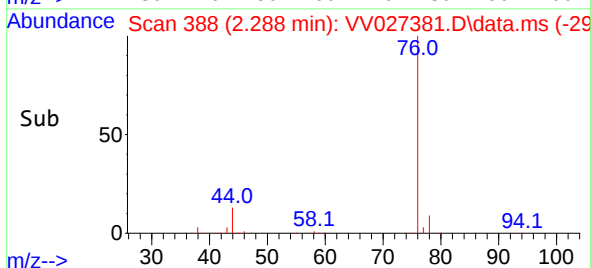
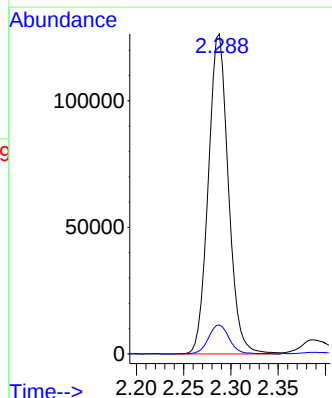
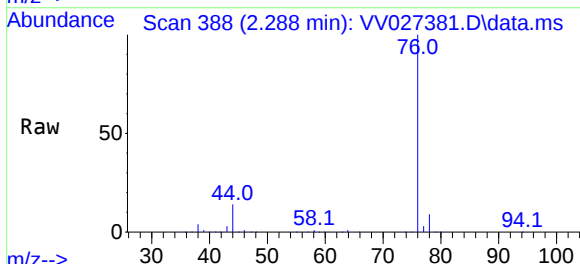
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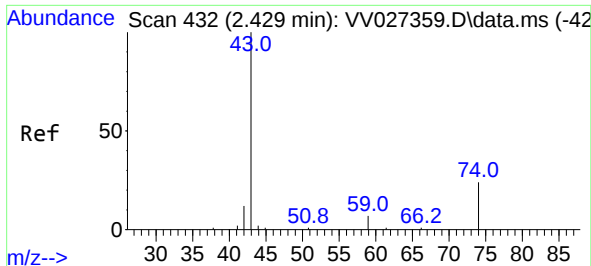
Tgt Ion: 76 Resp: 186788

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

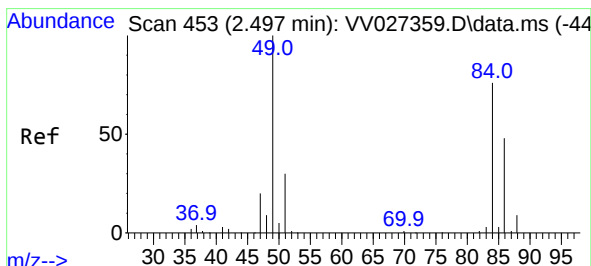
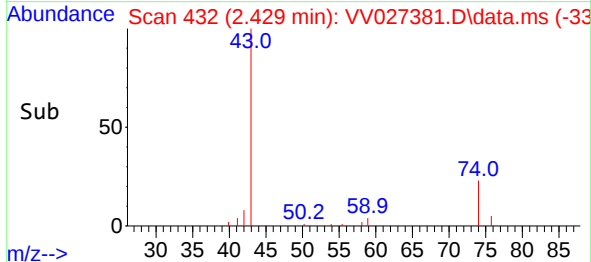
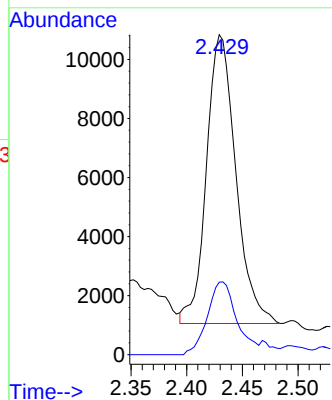
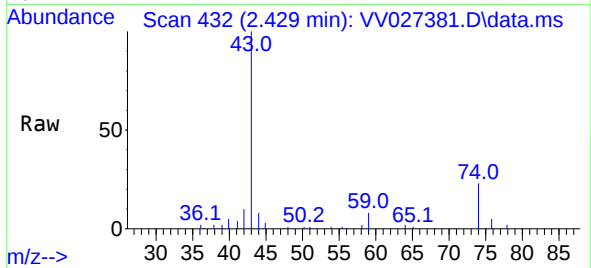




#15
Methyl Acetate
Concen: 4.399 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

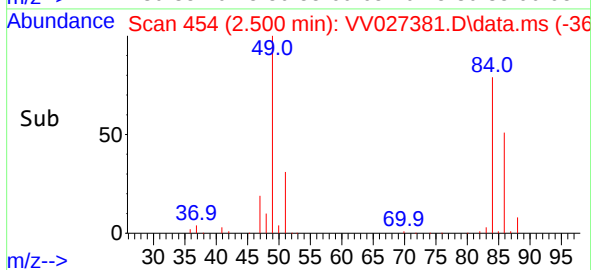
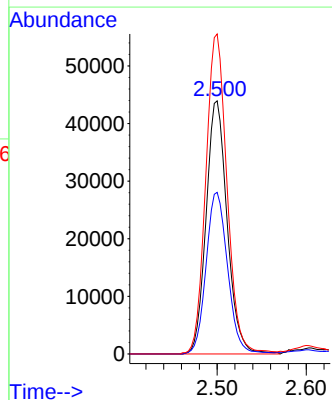
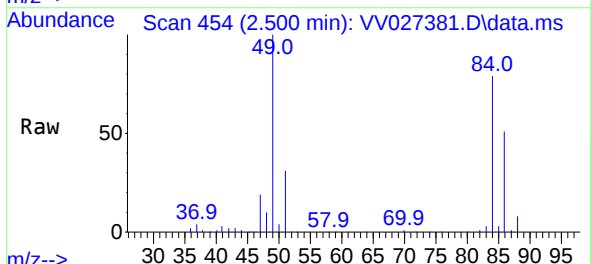
Instrument :
MSVOA_V
ClientSampleId :

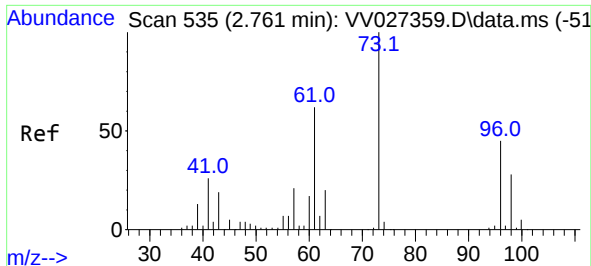
Tgt Ion: 43 Resp: 17949
Ion Ratio Lower Upper
43 100
74 25.3 21.8 32.8



#16
Methylene chloride
Concen: 4.045 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 84 Resp: 72094
Ion Ratio Lower Upper
84 100
86 63.8 45.1 83.9
49 126.4 91.2 169.4

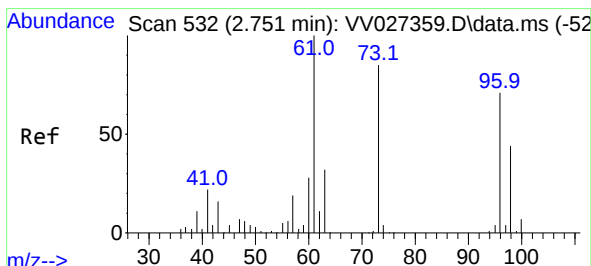
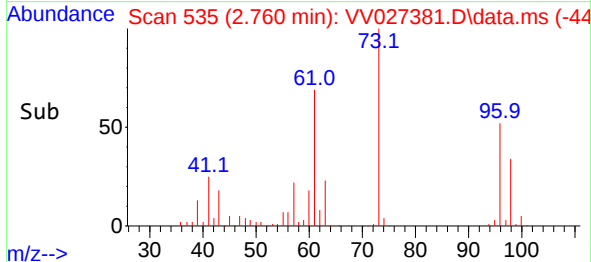
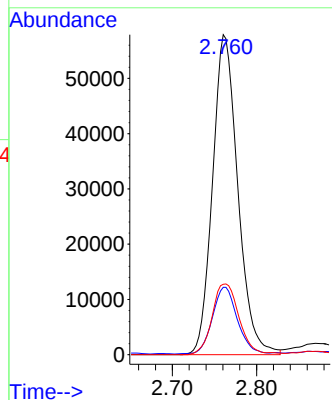
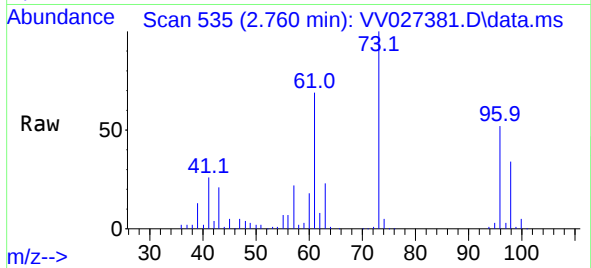




#17
Methyl tert-butyl Ether
Concen: 4.664 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

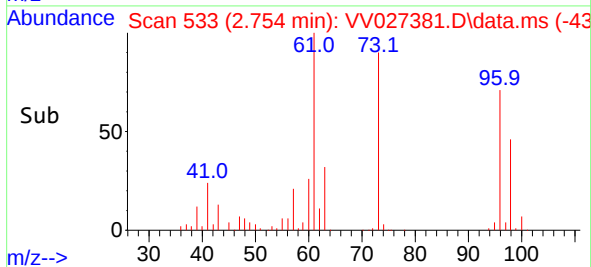
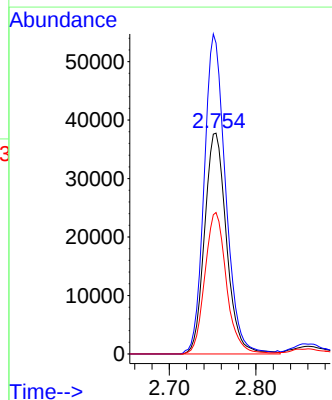
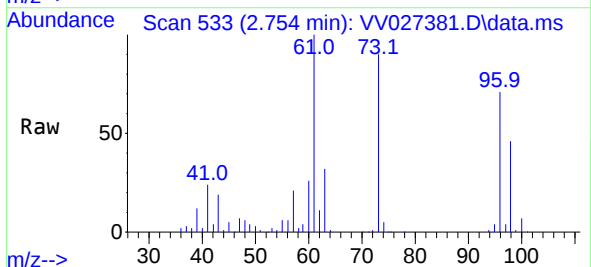
Instrument :
MSVOA_V
ClientSampleId :

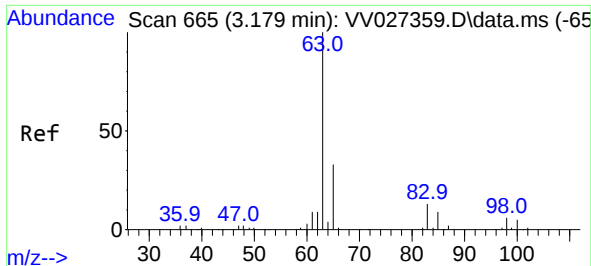
Tgt Ion: 73 Resp: 120811
Ion Ratio Lower Upper
73 100
43 20.6 15.8 23.8
57 23.3 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.870 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 96 Resp: 66479
Ion Ratio Lower Upper
96 100
61 140.8 99.6 185.0
98 64.1 45.1 83.7

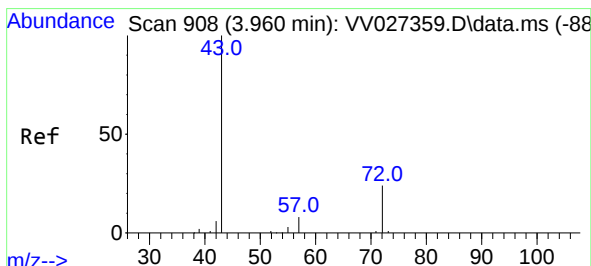
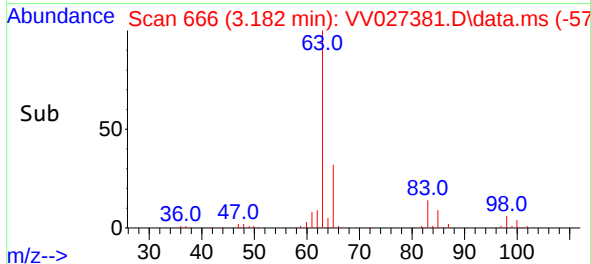
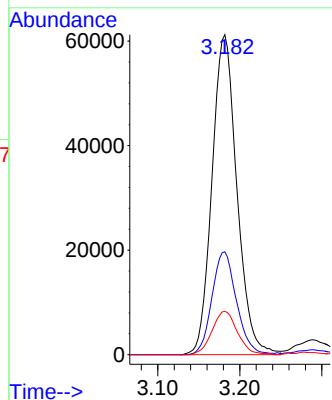
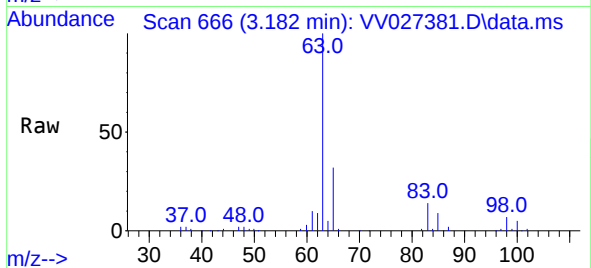




#19
1,1-Dichloroethane
Concen: 4.946 ug/L
RT: 3.182 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

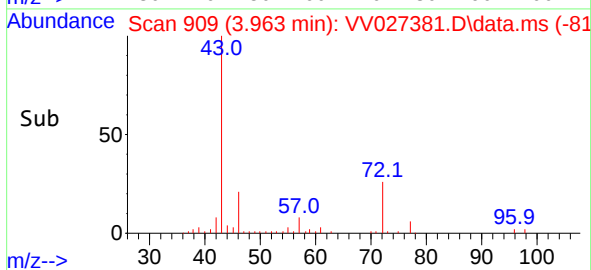
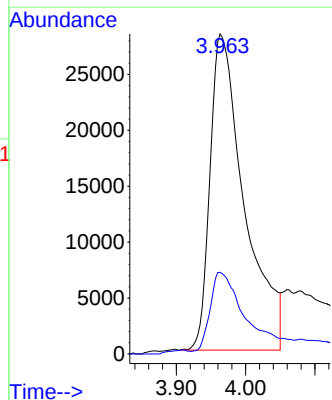
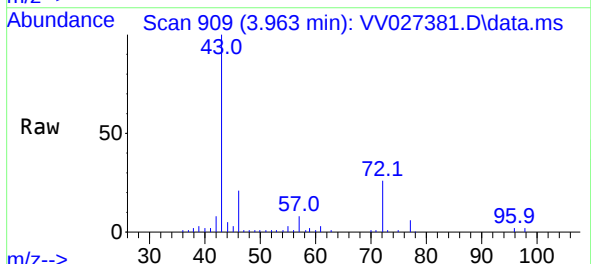
Instrument :
MSVOA_V
ClientSampleId :

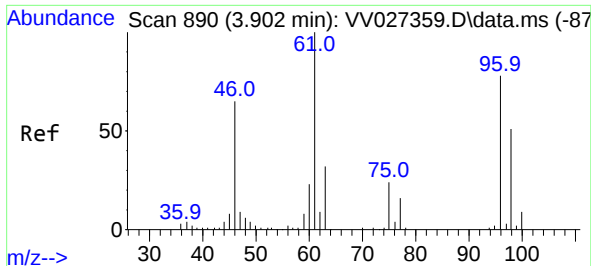
Tgt Ion: 63 Resp: 129257
Ion Ratio Lower Upper
63 100
65 32.1 21.6 40.2
83 13.6 9.3 17.3



#21
2-Butanone
Concen: 42.703 ug/L
RT: 3.963 min Scan# 909
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 43 Resp: 97434
Ion Ratio Lower Upper
43 100
72 26.3 12.9 38.6

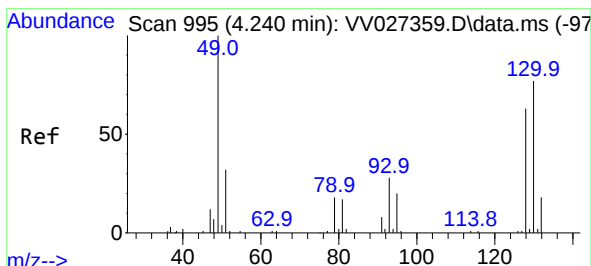
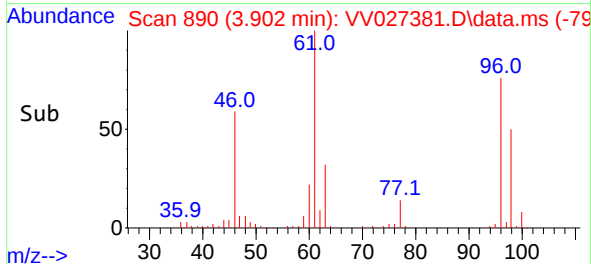
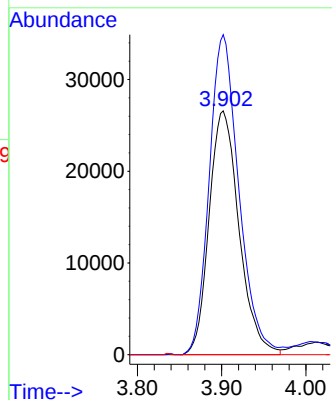
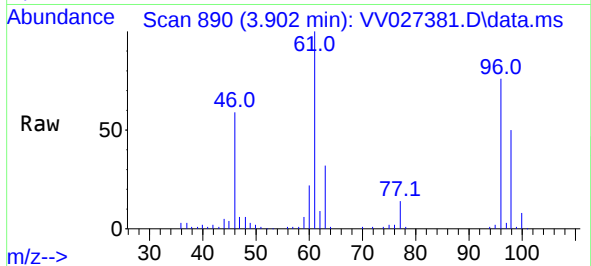




#22
cis-1,2-Dichloroethene
Concen: 4.889 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

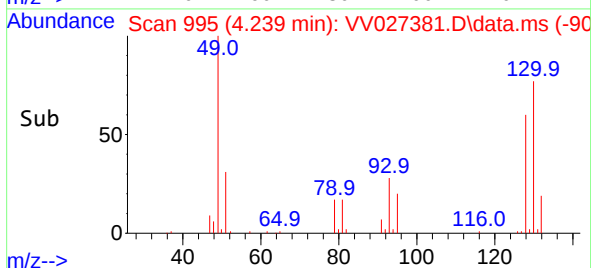
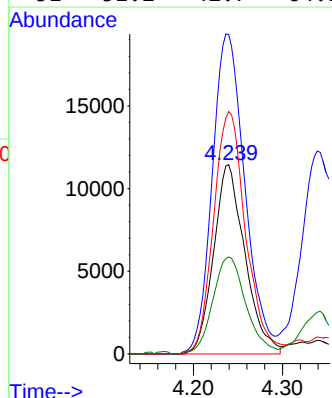
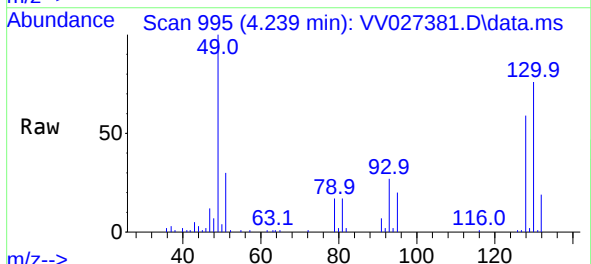
Instrument :
MSVOA_V
ClientSampleId :

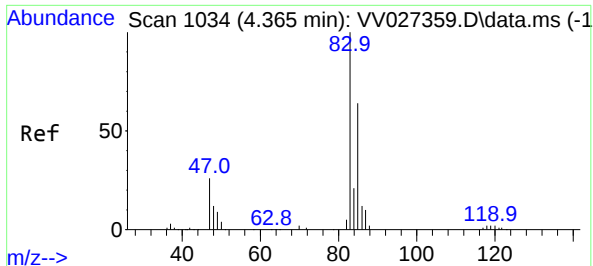
Tgt Ion: 96 Resp: 65621
Ion Ratio Lower Upper
96 100
61 131.2 91.3 169.5
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.456 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion:128 Resp: 27956
Ion Ratio Lower Upper
128 100
49 168.8 118.5 220.1
130 128.1 90.3 167.7
51 51.2 42.7 64.1





#25

Chloroform

Concen: 5.113 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

Instrument :

MSVOA_V

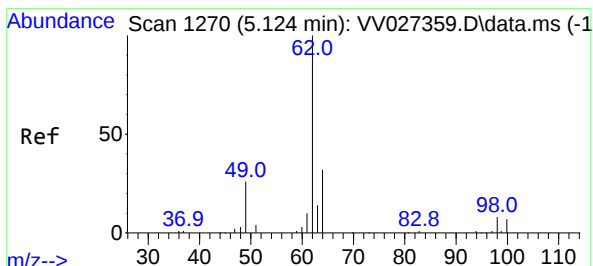
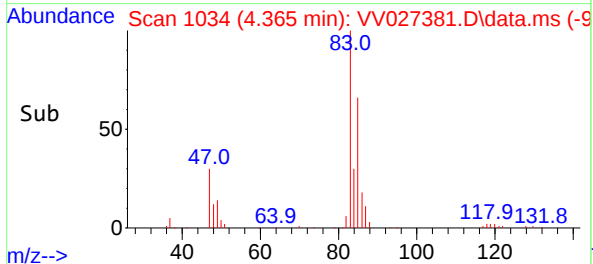
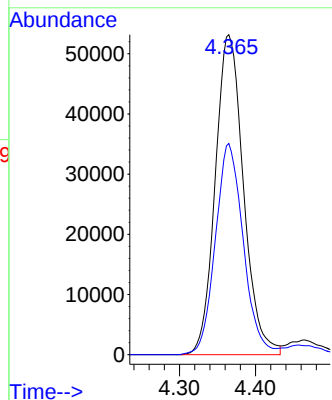
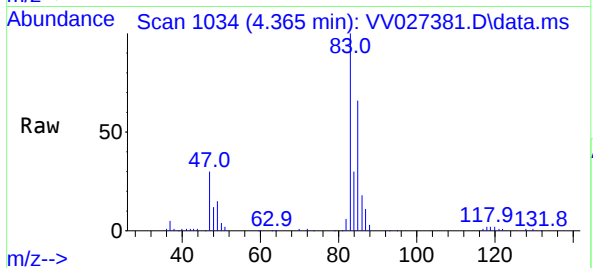
ClientSampleId :

Tgt Ion: 83 Resp: 137289

Ion Ratio Lower Upper

83 100

85 66.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.596 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV027381.D

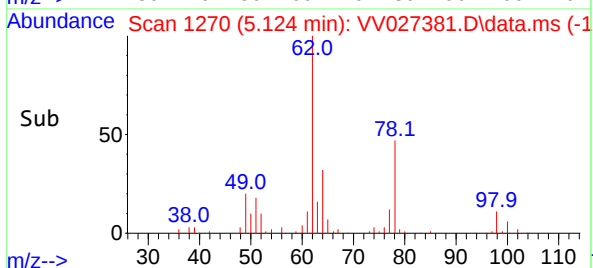
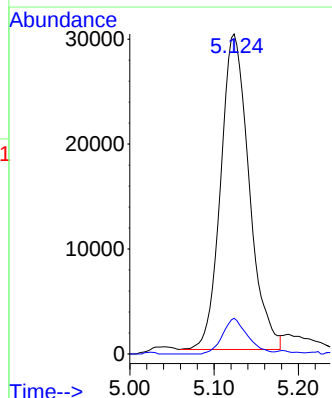
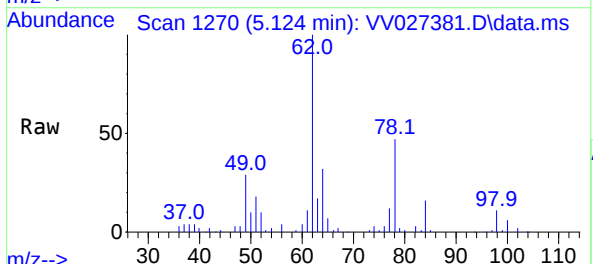
Acq: 15 Aug 2022 09:42

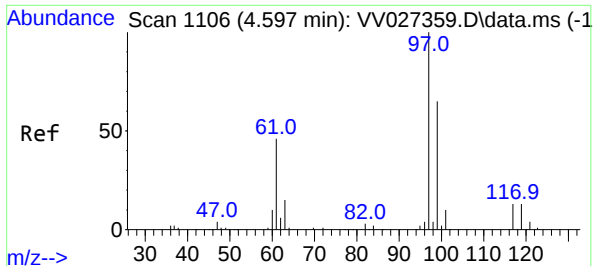
Tgt Ion: 62 Resp: 70530

Ion Ratio Lower Upper

62 100

98 11.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.193 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

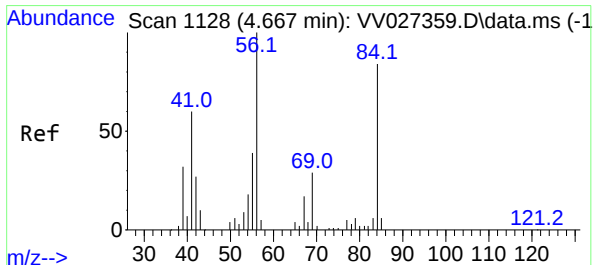
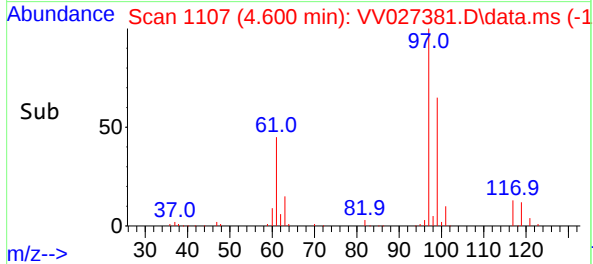
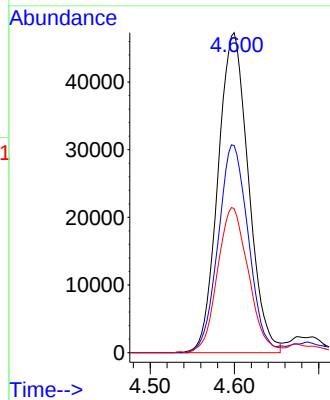
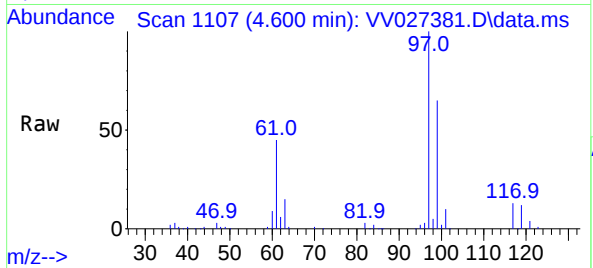
Tgt Ion: 97 Resp: 118564

Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 46.2 36.5 54.7



#30

Cyclohexane

Concen: 5.069 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

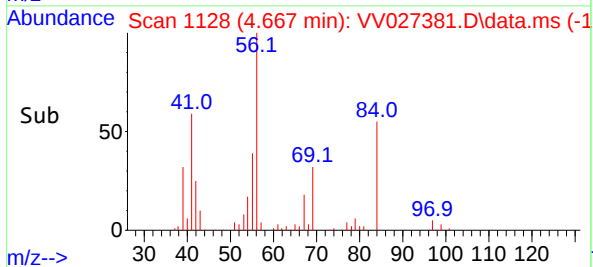
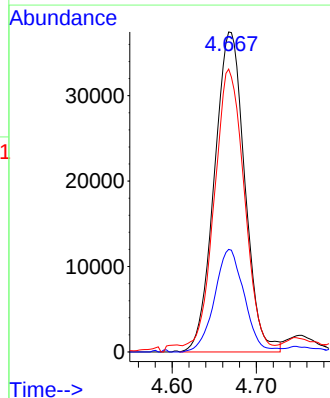
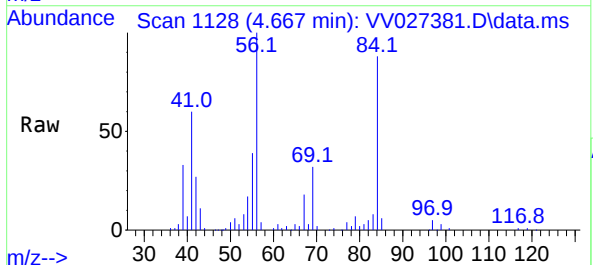
Tgt Ion: 56 Resp: 93764

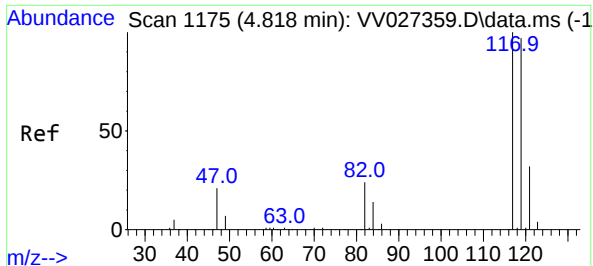
Ion Ratio Lower Upper

56 100

69 31.5 24.0 36.0

84 87.8 69.1 103.7

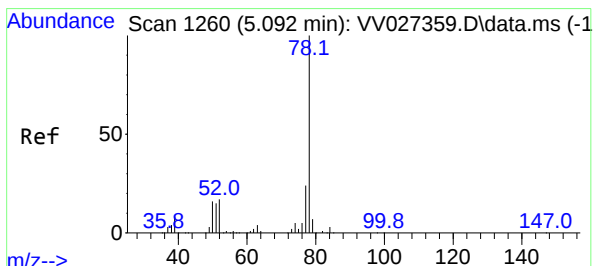
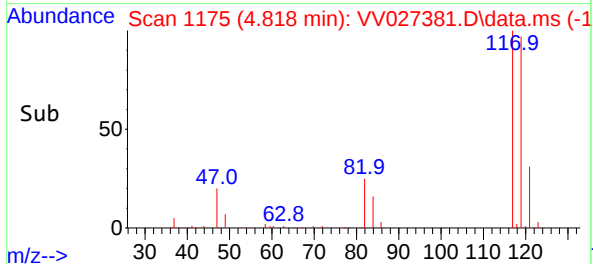
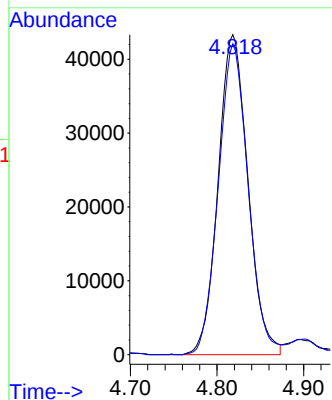
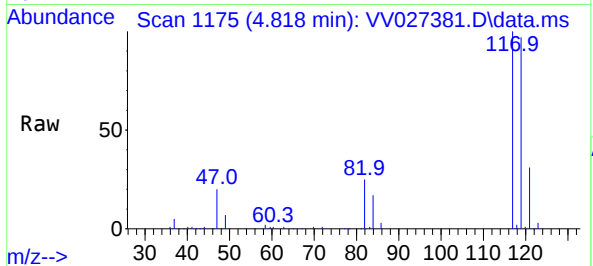




#31
Carbon tetrachloride
Concen: 5.216 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

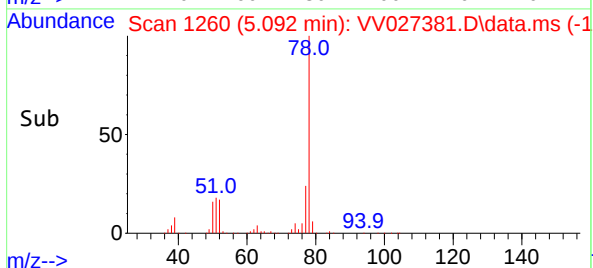
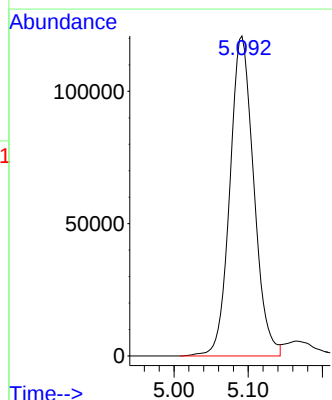
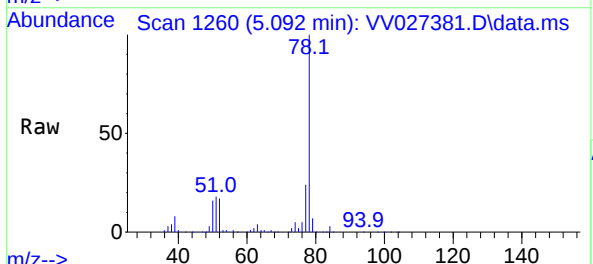
Instrument :
MSVOA_V
ClientSampleId :

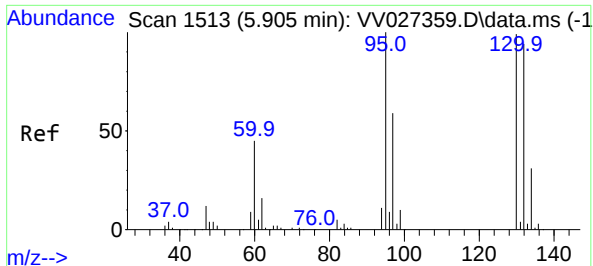
Tgt Ion:117 Resp: 103635
Ion Ratio Lower Upper
117 100
119 97.1 76.6 115.0



#33
Benzene
Concen: 4.880 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 78 Resp: 270630





#34

Trichloroethene

Concen: 5.133 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 70851

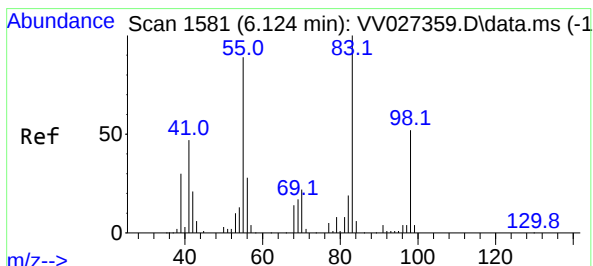
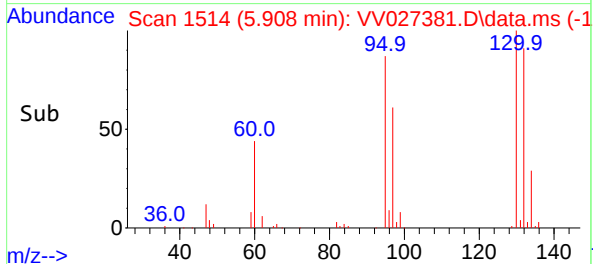
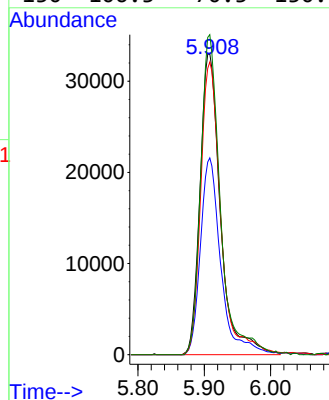
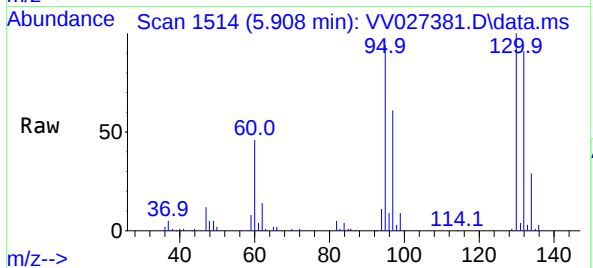
Ion Ratio Lower Upper

95 100

97 65.4 45.5 84.5

132 97.2 68.2 126.6

130 106.3 70.3 130.7



#35

Methylcyclohexane

Concen: 5.437 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

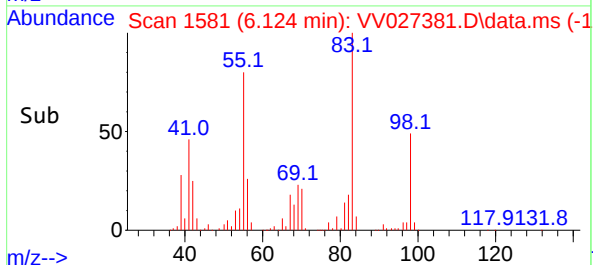
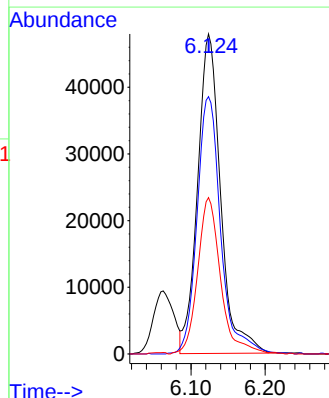
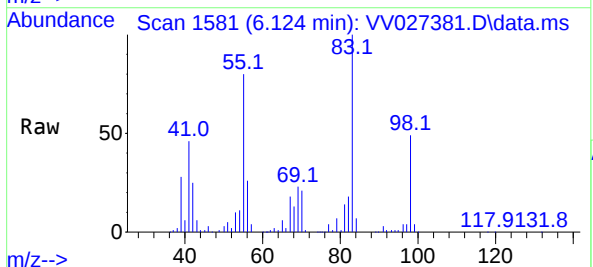
Tgt Ion: 83 Resp: 103325

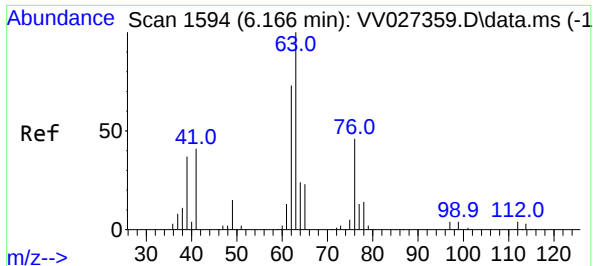
Ion Ratio Lower Upper

83 100

55 83.0 67.0 100.6

98 48.7 38.7 58.1

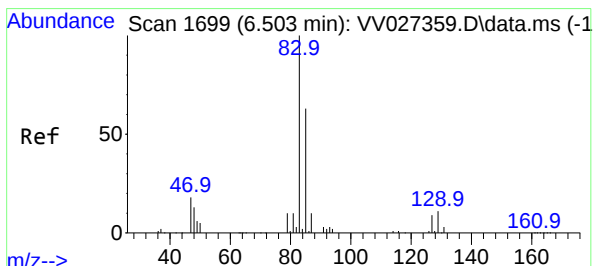
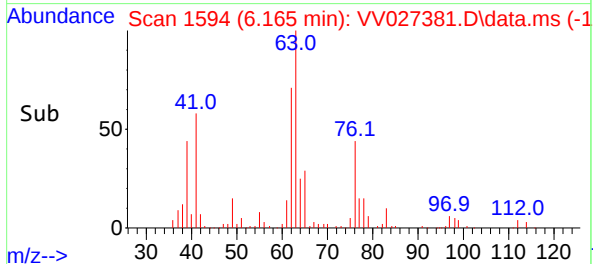
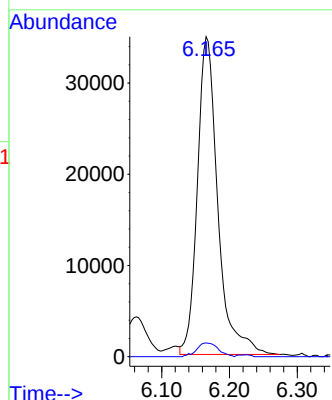
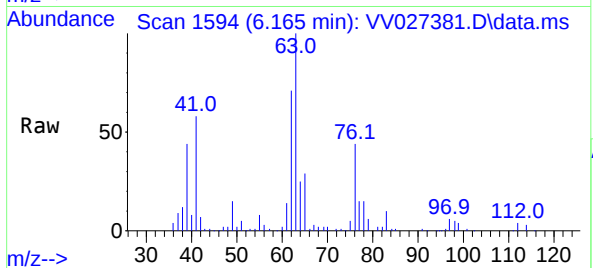




#37
1,2-Dichloropropane
Concen: 5.320 ug/L
RT: 6.165 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

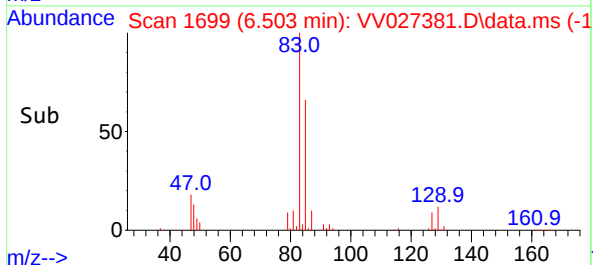
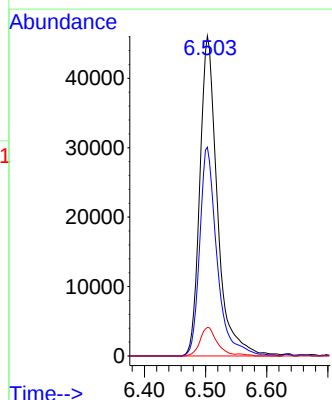
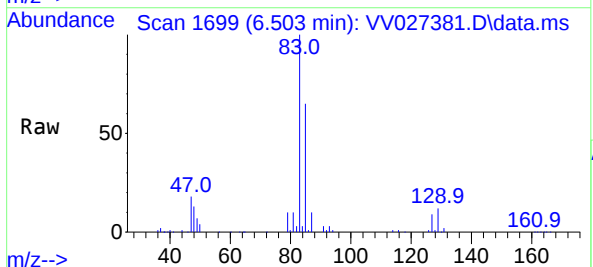
Instrument :
MSVOA_V
ClientSampleId :

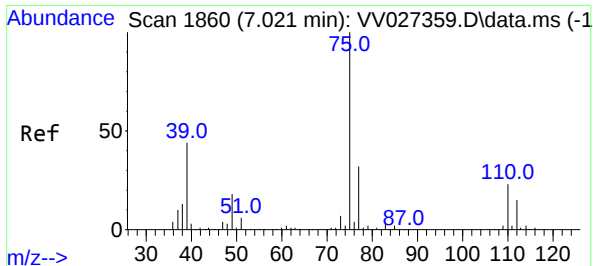
Tgt Ion: 63 Resp: 72917
Ion Ratio Lower Upper
63 100
112 4.6 4.0 6.0



#38
Bromodichloromethane
Concen: 5.206 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 83 Resp: 91969
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.4
127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.224 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

Instrument :

MSVOA_V

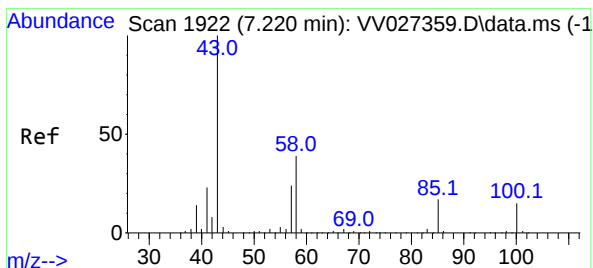
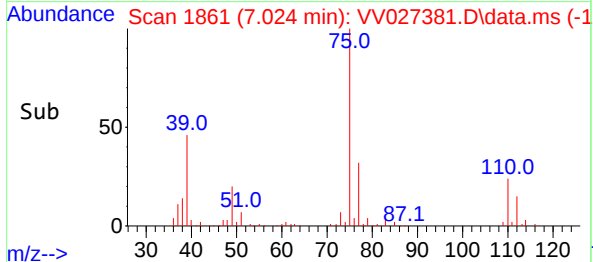
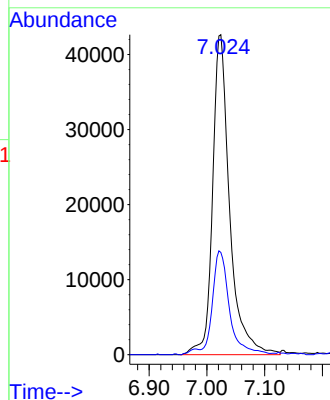
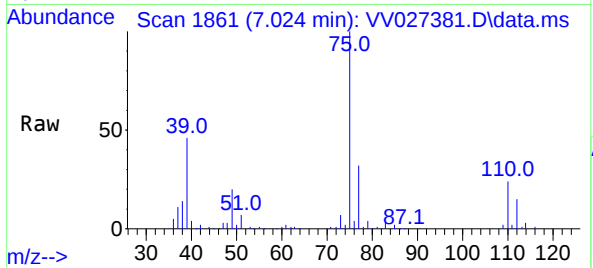
ClientSampleId :

Tgt Ion: 75 Resp: 87516

Ion Ratio Lower Upper

75 100

77 32.0 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 46.861 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

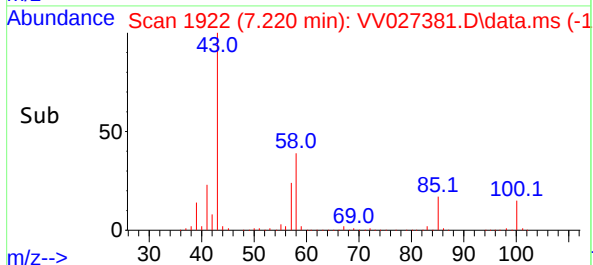
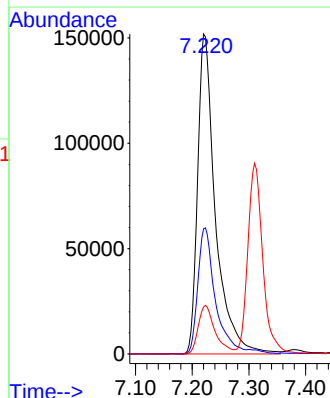
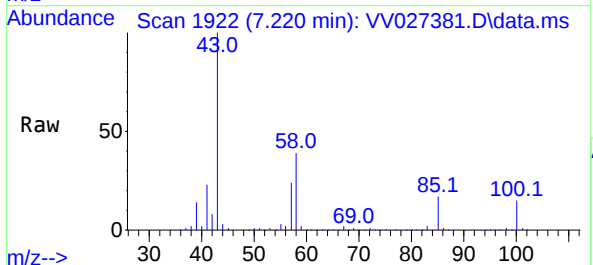
Tgt Ion: 43 Resp: 331470

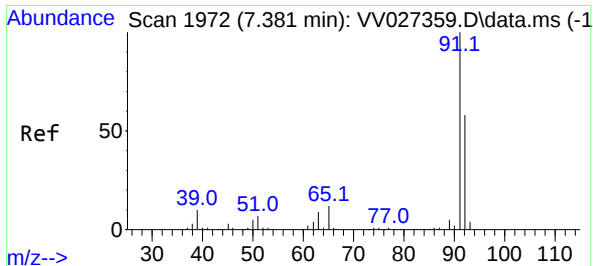
Ion Ratio Lower Upper

43 100

58 38.4 31.0 46.4

100 14.4 10.9 16.3

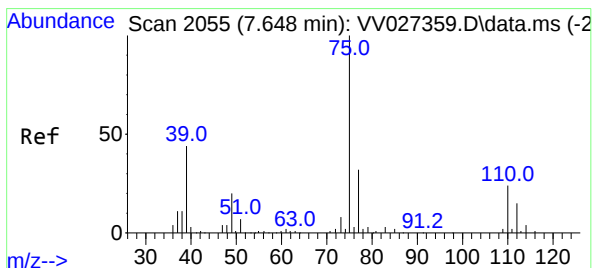
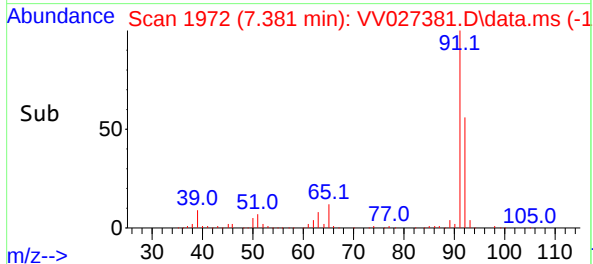
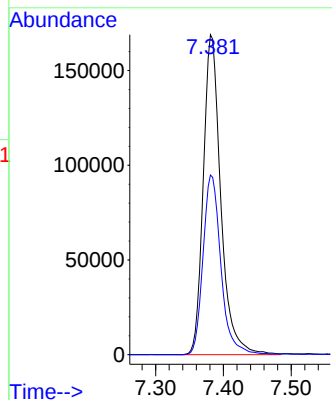
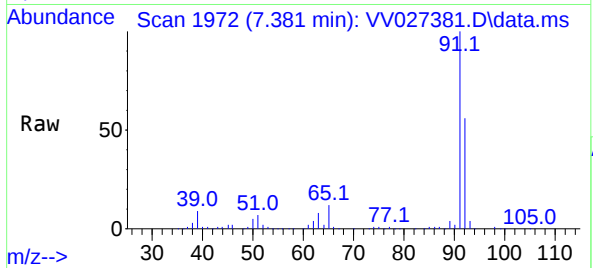




#42
Toluene
Concen: 5.485 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

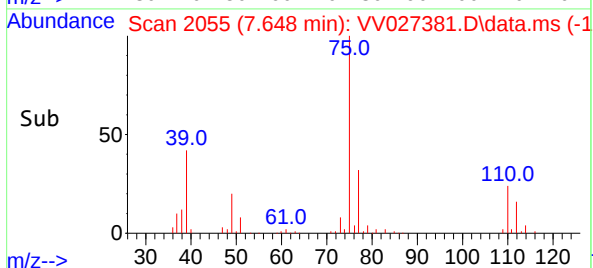
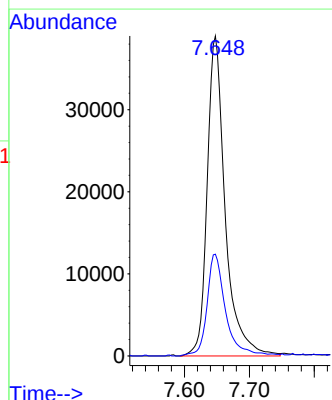
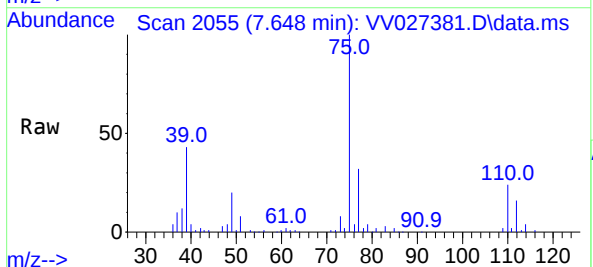
Instrument : MSVOA_V
ClientSampleId :

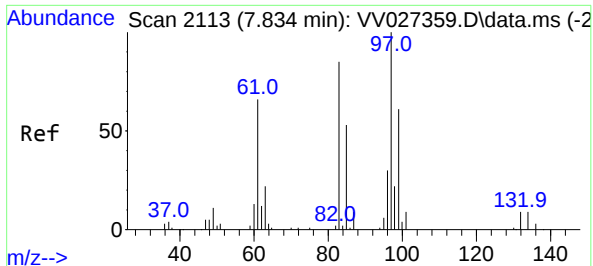
Tgt Ion: 91 Resp: 303467
Ion Ratio Lower Upper
91 100
92 56.1 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 5.128 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 75 Resp: 75169
Ion Ratio Lower Upper
75 100
77 31.8 21.9 40.7



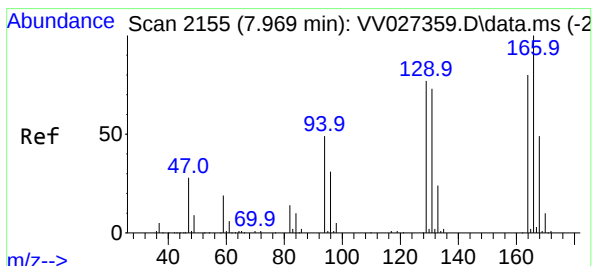
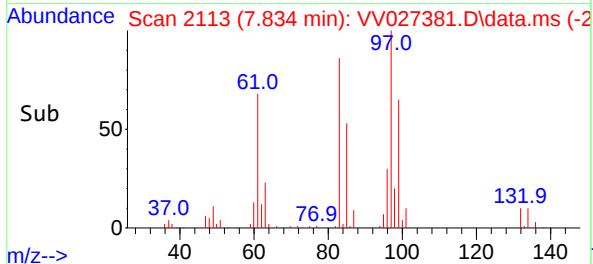
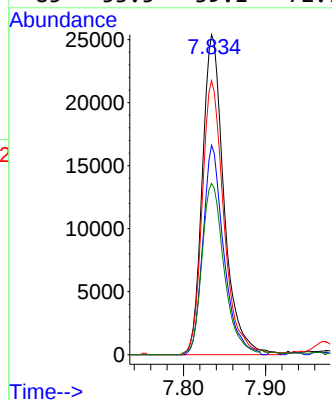
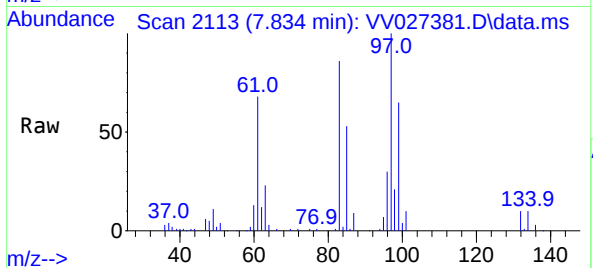


#45
1,1,2-Trichloroethane
Concen: 4.765 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 46568

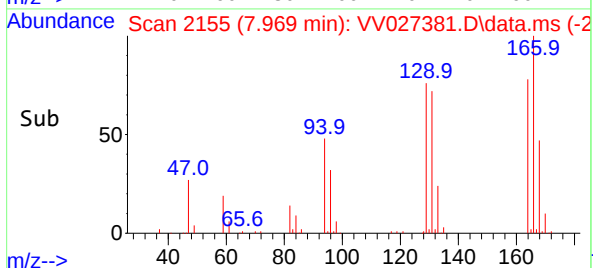
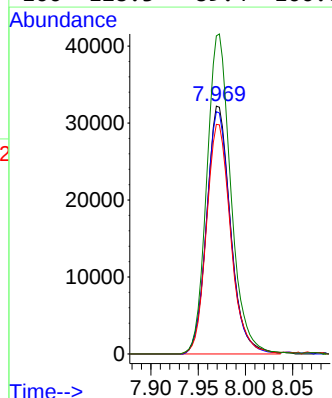
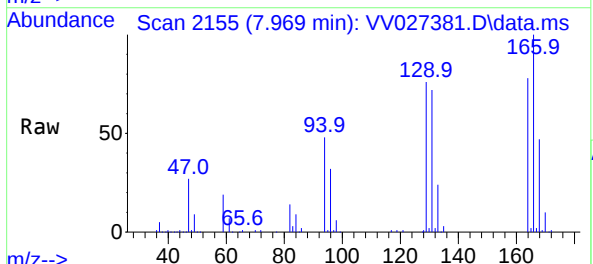
Ion	Ratio	Lower	Upper
97	100		
99	65.5	43.7	81.1
83	85.6	59.8	111.0
85	53.5	39.1	72.7

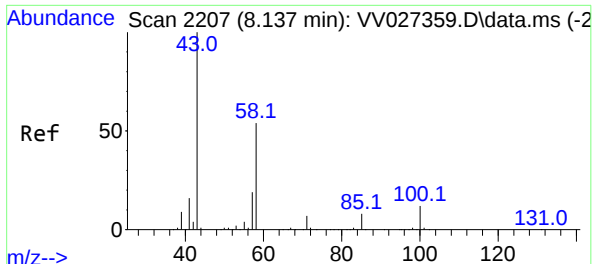


#47
Tetrachloroethene
Concen: 5.218 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 164 Resp: 56566

Ion	Ratio	Lower	Upper
164	100		
129	97.7	69.0	128.1
131	92.6	64.7	120.1
166	128.3	89.4	166.0





#48

2-Hexanone

Concen: 48.325 ug/L

RT: 8.136 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 245294

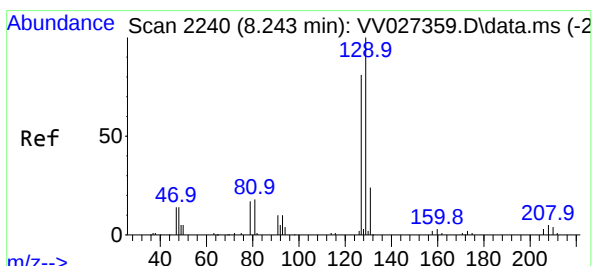
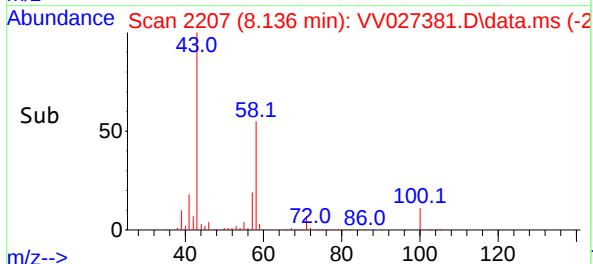
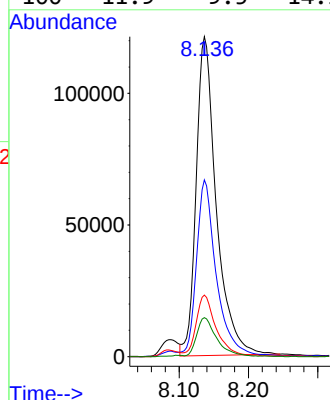
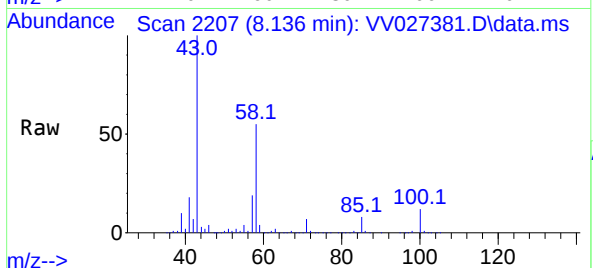
Ion Ratio Lower Upper

43 100

58 54.4 42.8 64.2

57 18.4 15.2 22.8

100 11.9 9.5 14.3



#49

Dibromochloromethane

Concen: 5.038 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VV027381.D

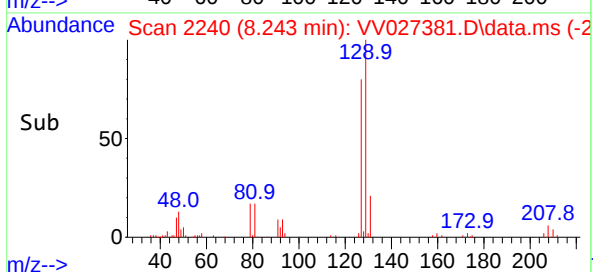
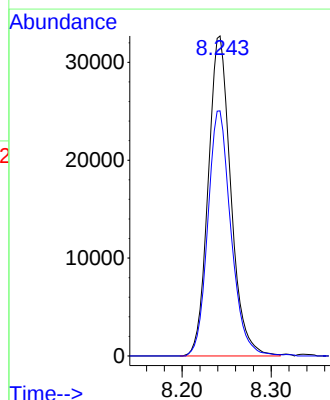
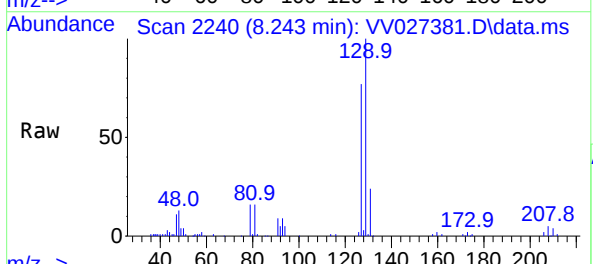
Acq: 15 Aug 2022 09:42

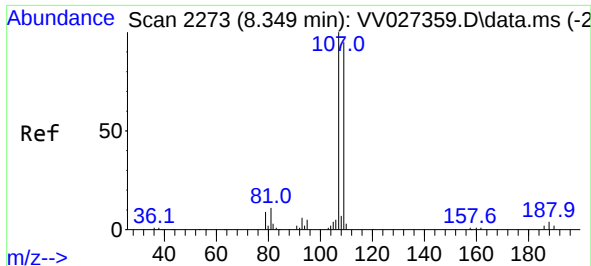
Tgt Ion: 129 Resp: 57633

Ion Ratio Lower Upper

129 100

127 76.6 54.5 101.3





#50

1,2-Dibromoethane

Concen: 4.725 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027381.D

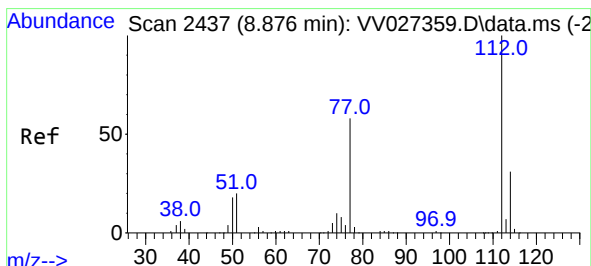
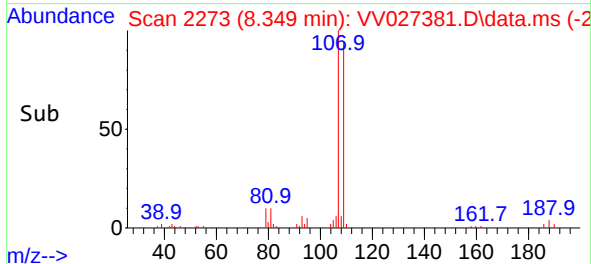
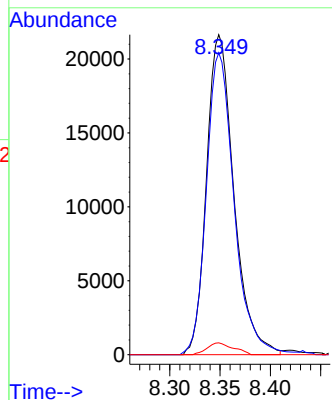
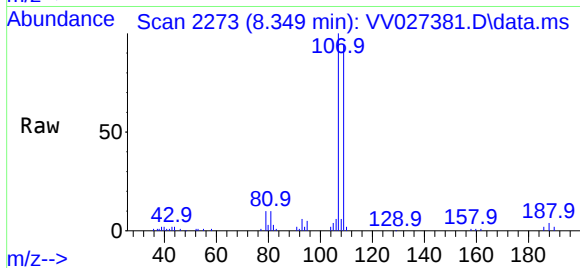
Acq: 15 Aug 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	41052
Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.1	122.8
188	3.7	3.4	5.2



#51

Chlorobenzene

Concen: 5.126 ug/L

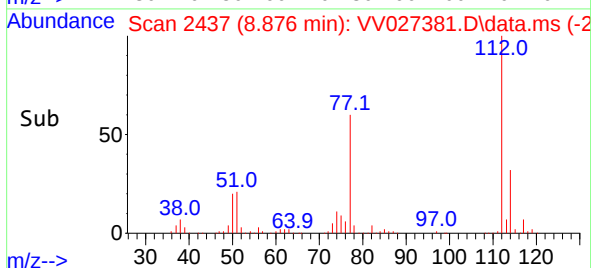
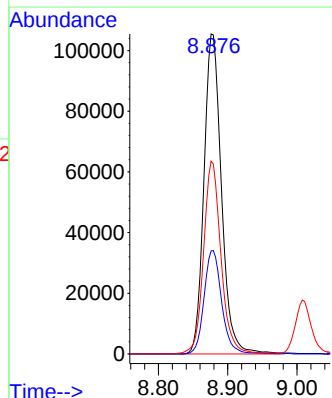
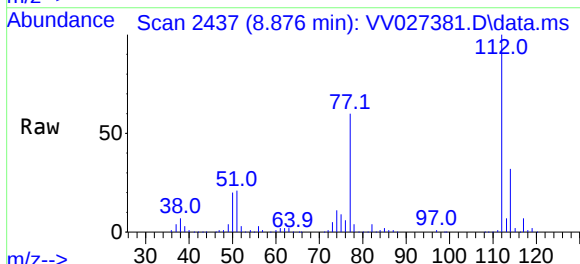
RT: 8.876 min Scan# 2437

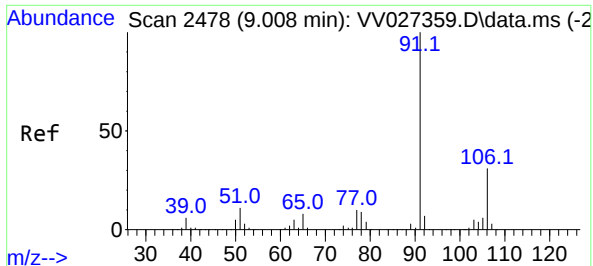
Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

Tgt Ion:	112	Resp:	184708
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	60.2	46.4	69.6

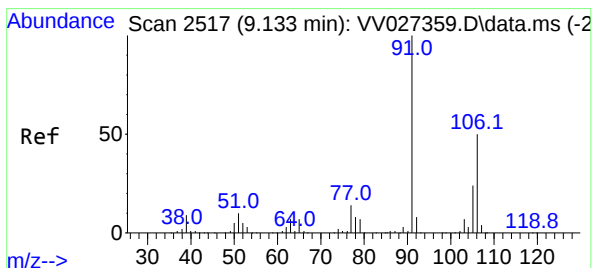
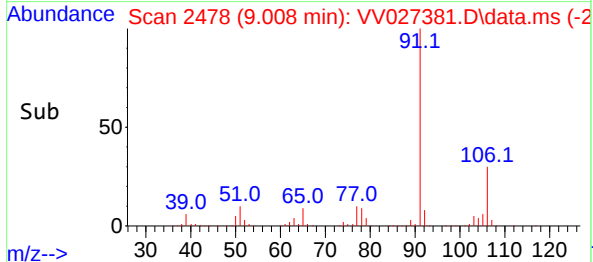
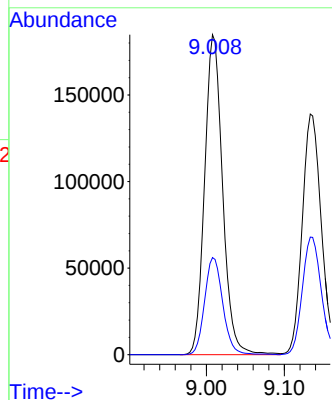
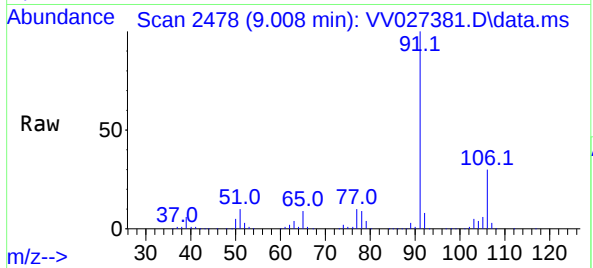




#52
Ethylbenzene
Concen: 5.329 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

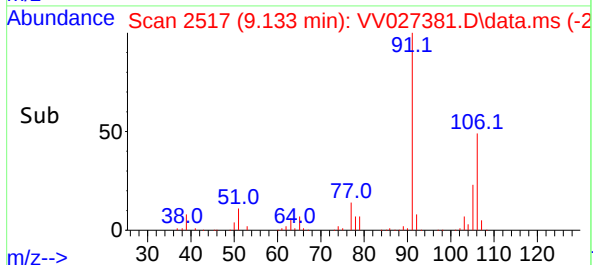
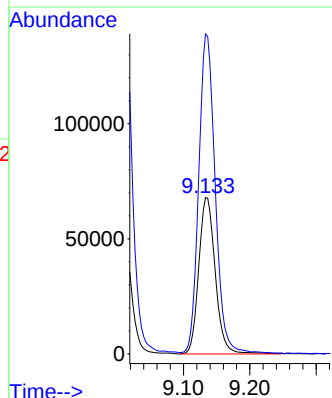
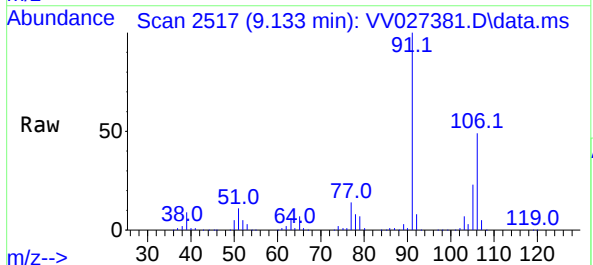
Instrument :
MSVOA_V
ClientSampleId :

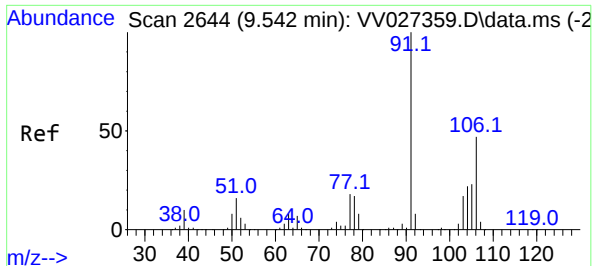
Tgt Ion: 91 Resp: 296256
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.545 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 106 Resp: 117567
Ion Ratio Lower Upper
106 100
91 204.7 141.5 262.9

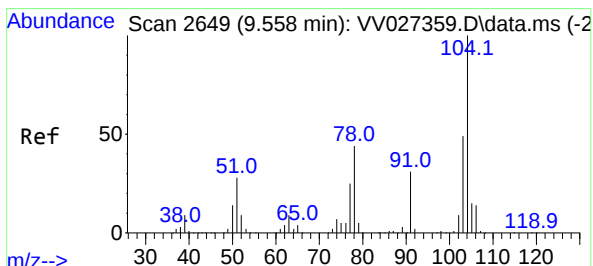
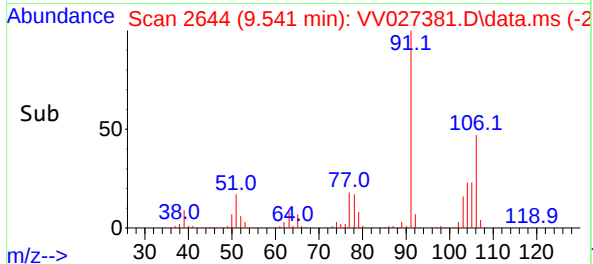
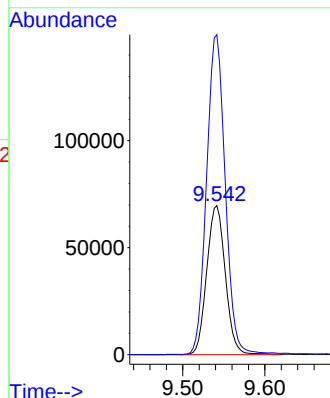
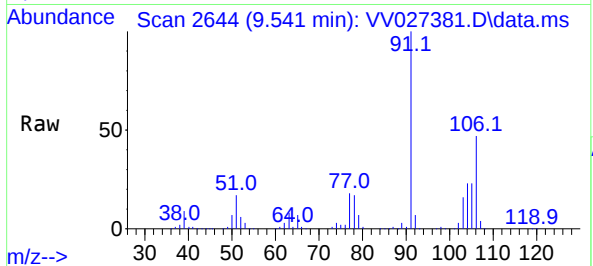




#54
o-Xylene
Concen: 5.294 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

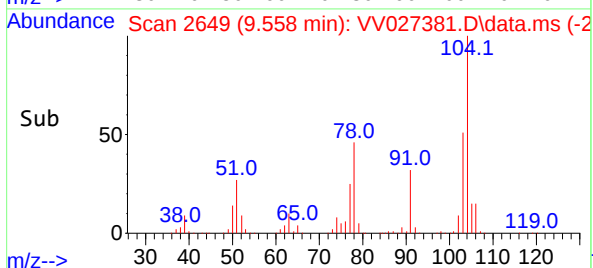
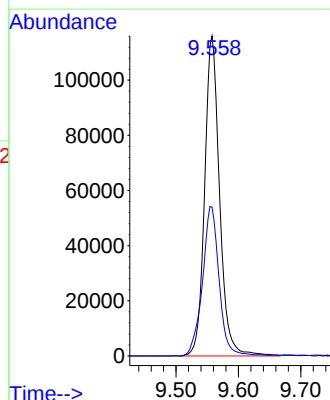
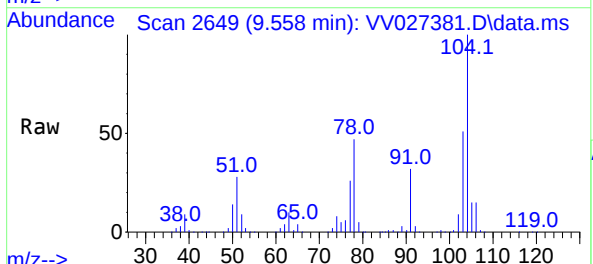
Instrument :
MSVOA_V
ClientSampleId :

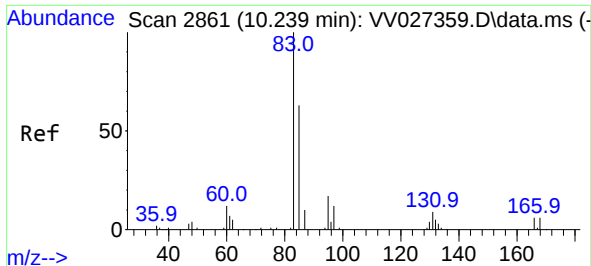
Tgt Ion:106 Resp: 109780
Ion Ratio Lower Upper
106 100
91 214.5 153.2 284.4



#55
Styrene
Concen: 5.430 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion:104 Resp: 193618
Ion Ratio Lower Upper
104 100
78 46.5 30.7 57.1

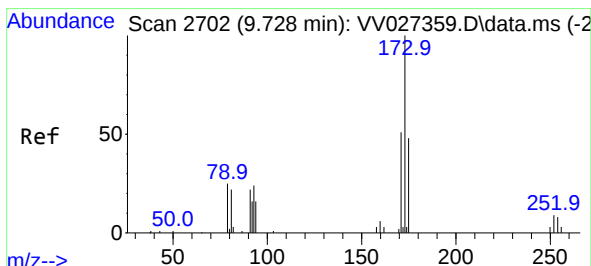
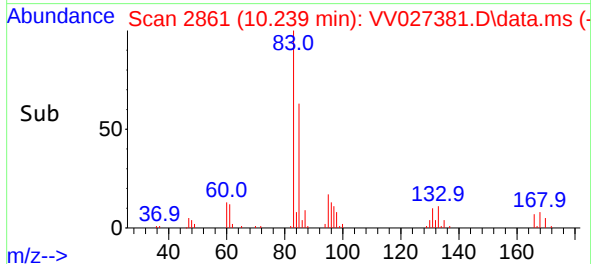
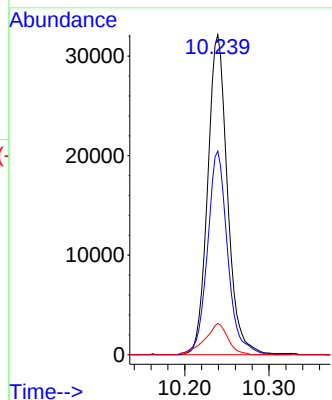
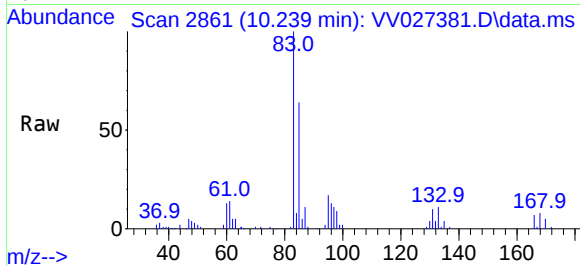




#57
1,1,2,2-Tetrachloroethane
Concen: 4.826 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

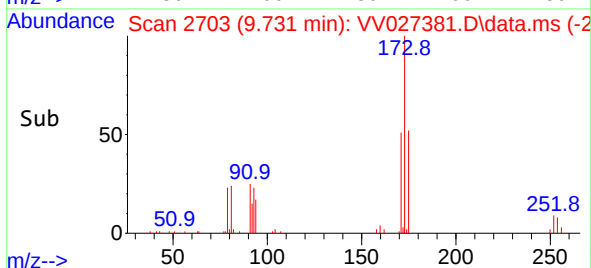
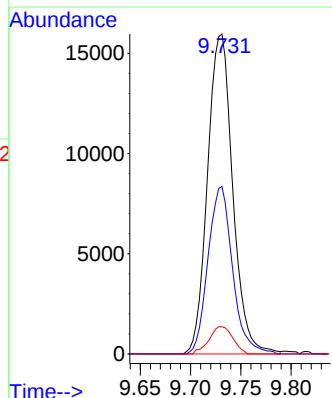
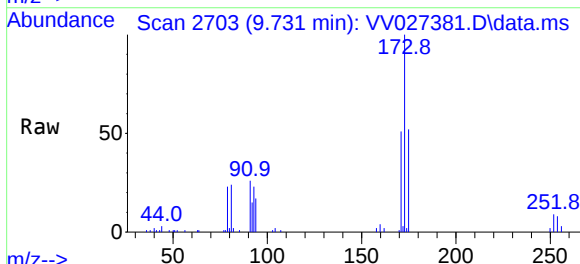
Instrument :
MSVOA_V
ClientSampleId :

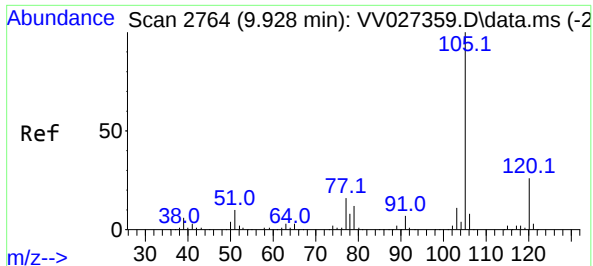
Tgt Ion:	83	Resp:	52565
Ion	Ratio	Lower	Upper
83	100		
85	63.6	43.3	80.3
131	9.8	7.7	11.5



#59
Bromoform
Concen: 4.613 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

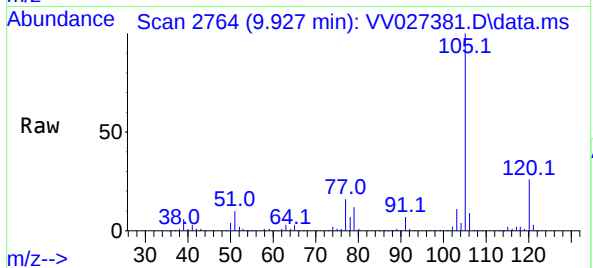
Tgt Ion:	173	Resp:	27846
Ion	Ratio	Lower	Upper
173	100		
175	50.9	38.2	57.2
254	8.0	6.5	9.7



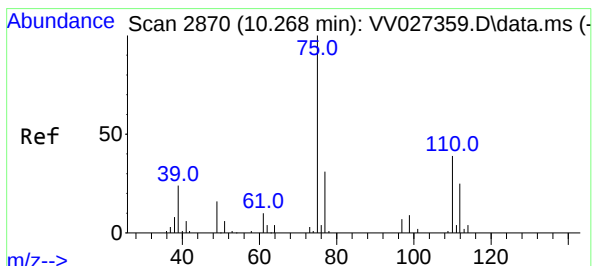
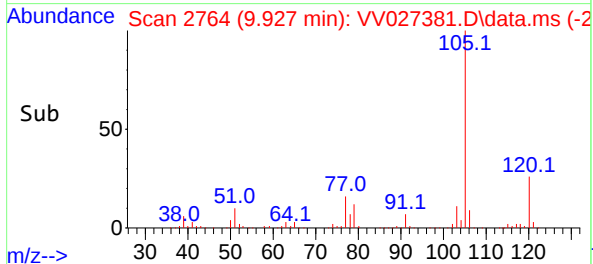
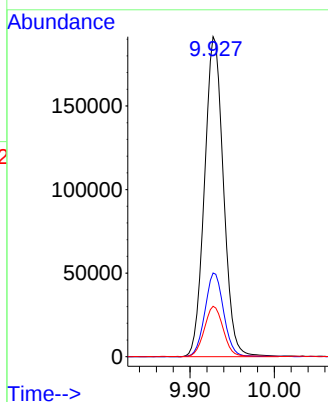


#60
Isopropylbenzene
Concen: 5.313 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Instrument :
MSVOA_V
ClientSampleId :

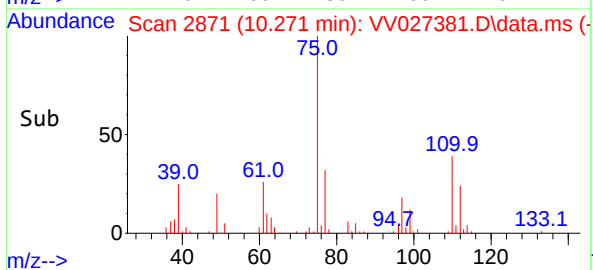
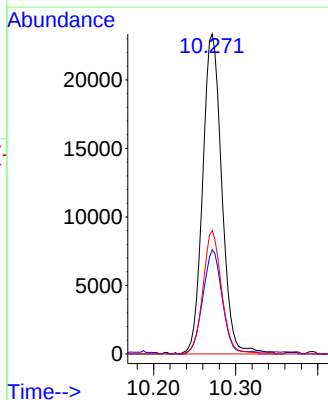
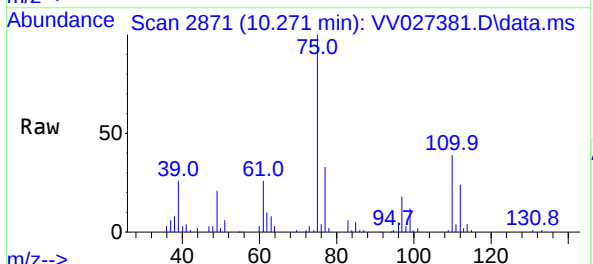


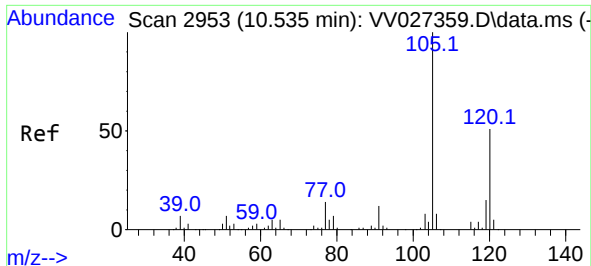
Tgt Ion:105 Resp: 299575
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 15.9 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.381 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion: 75 Resp: 37773
Ion Ratio Lower Upper
75 100
77 33.1 26.6 39.8
110 37.4 31.0 46.6

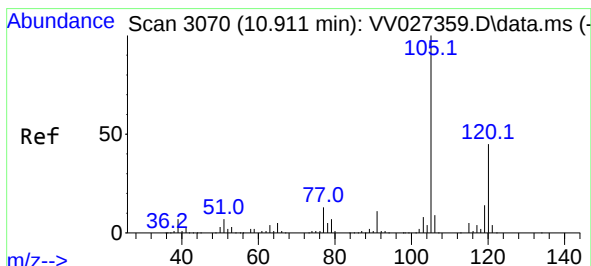
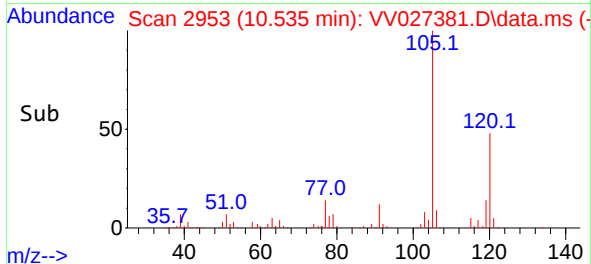
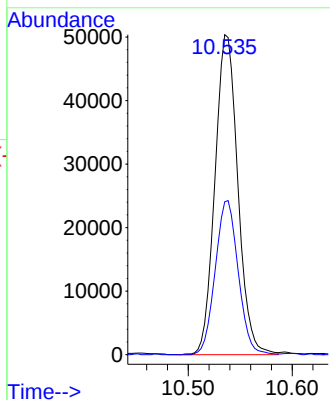
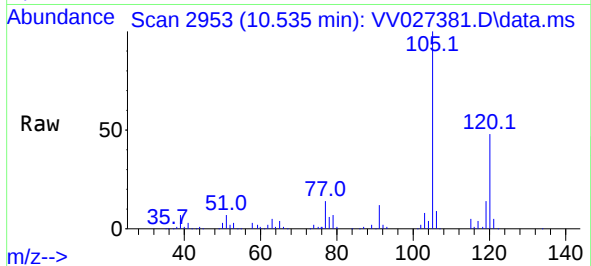




#62
1,3,5-Trimethylbenzene
Concen: 4.957 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

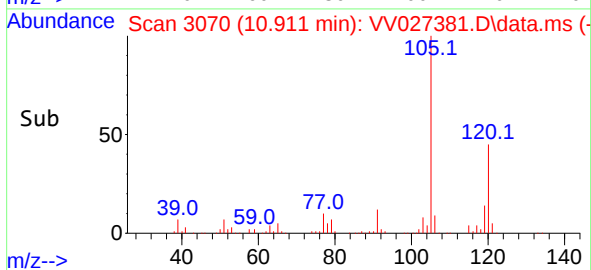
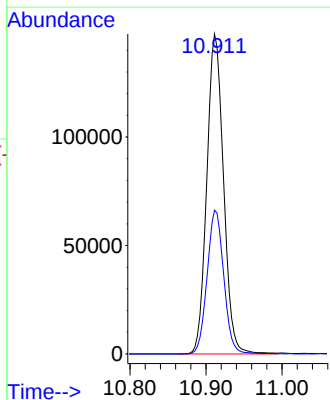
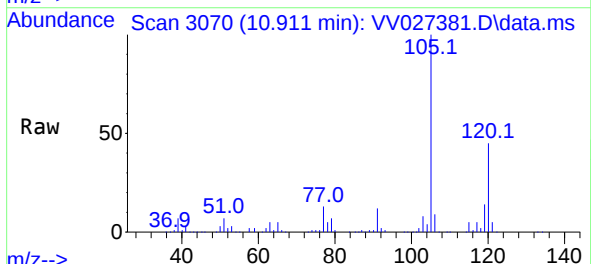
Instrument :
MSVOA_V
ClientSampleId :

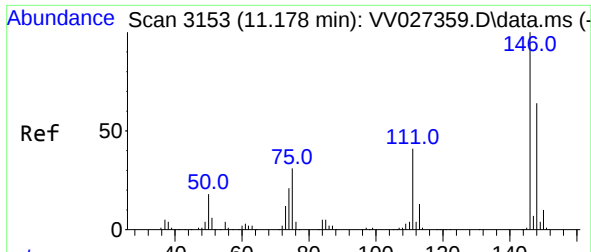
Tgt Ion:105 Resp: 77252
Ion Ratio Lower Upper
105 100
120 48.3 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.047 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

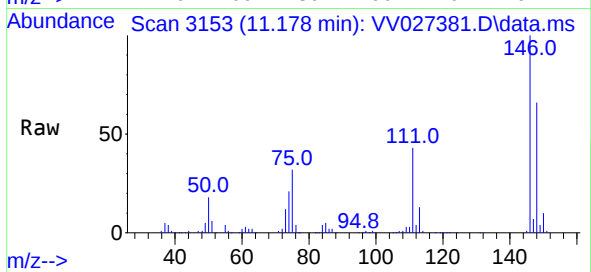
Tgt Ion:105 Resp: 225469
Ion Ratio Lower Upper
105 100
120 44.7 36.2 54.2



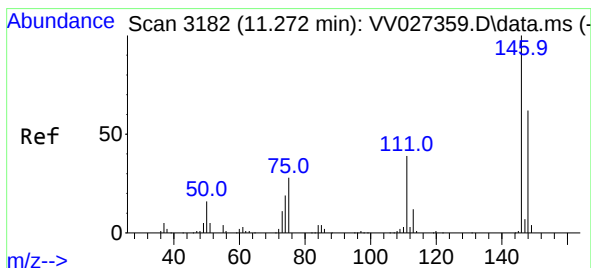
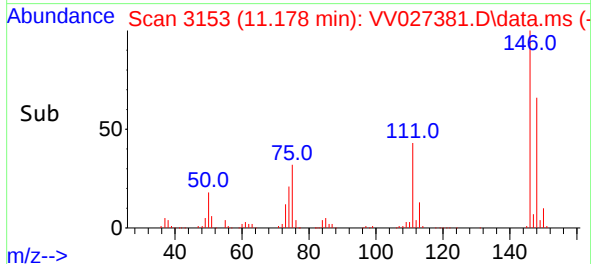
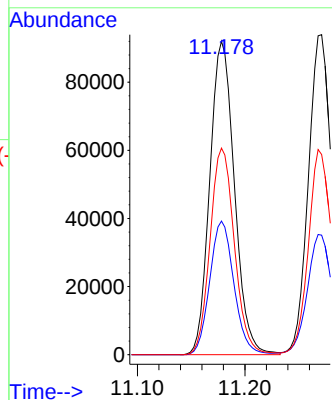


#64
1,3-Dichlorobenzene
Concen: 5.199 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Instrument :
MSVOA_V
ClientSampleId :

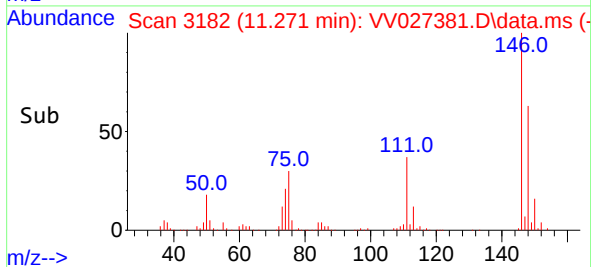
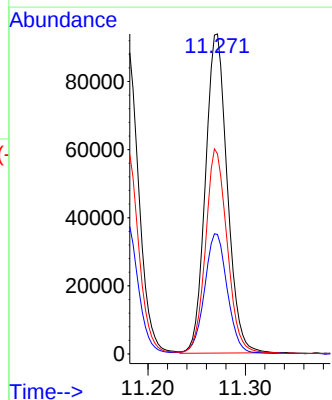
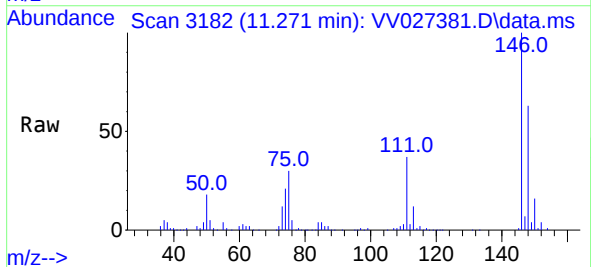


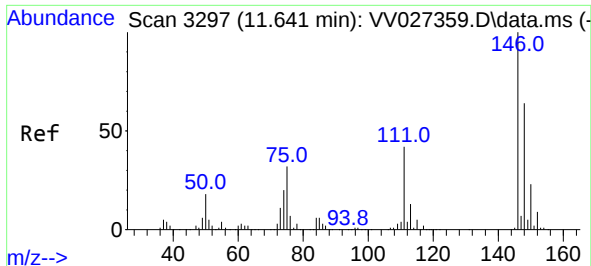
Tgt Ion:146 Resp: 146483
Ion Ratio Lower Upper
146 100
111 42.6 28.8 53.4
148 65.9 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.155 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion:146 Resp: 146144
Ion Ratio Lower Upper
146 100
111 37.4 27.4 51.0
148 62.5 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.040 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

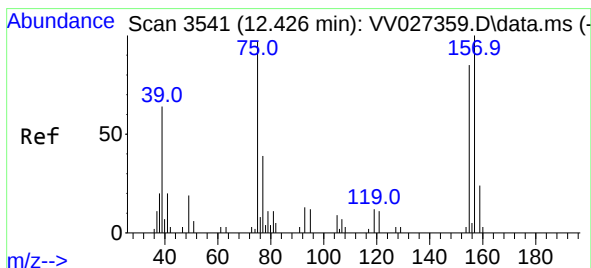
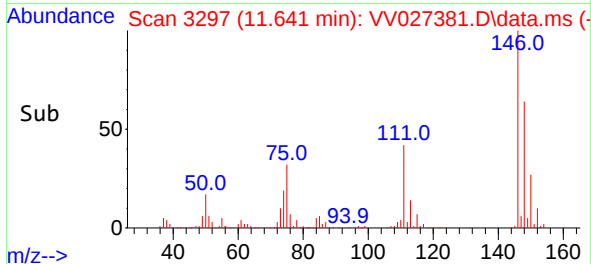
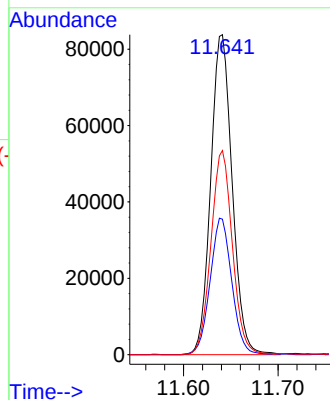
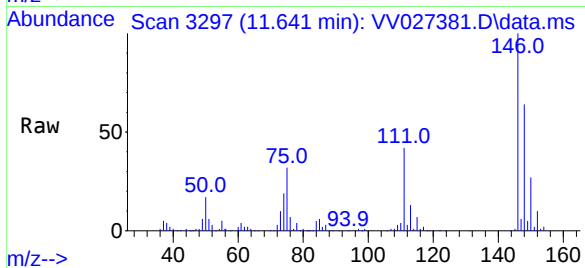
Tgt Ion:146 Resp: 132245

Ion Ratio Lower Upper

146 100

111 42.4 33.2 49.8

148 63.8 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.179 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027381.D

Acq: 15 Aug 2022 09:42

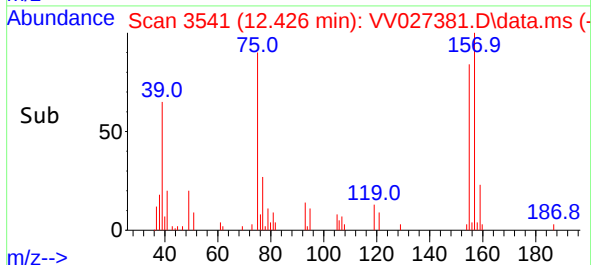
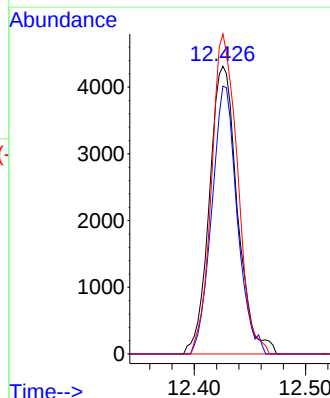
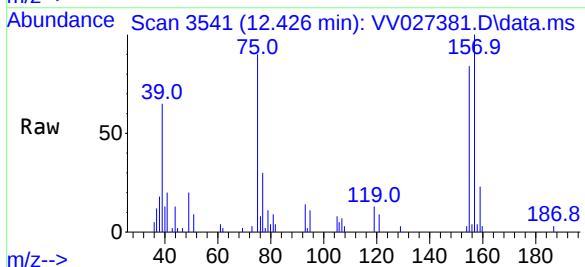
Tgt Ion: 75 Resp: 7526

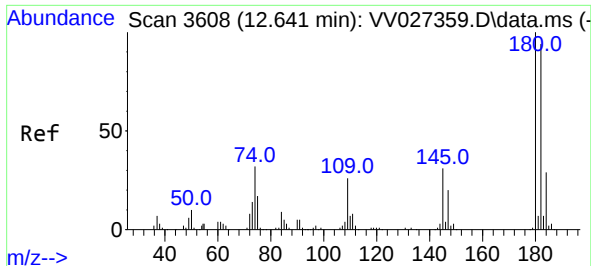
Ion Ratio Lower Upper

75 100

155 93.1 65.8 98.6

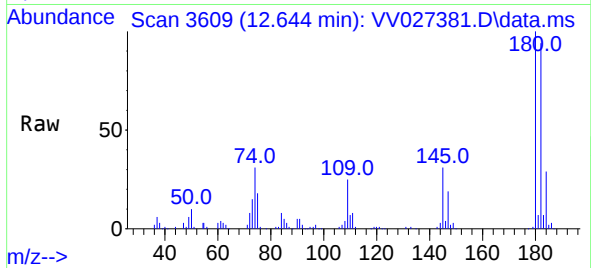
157 111.2 73.0 109.4#



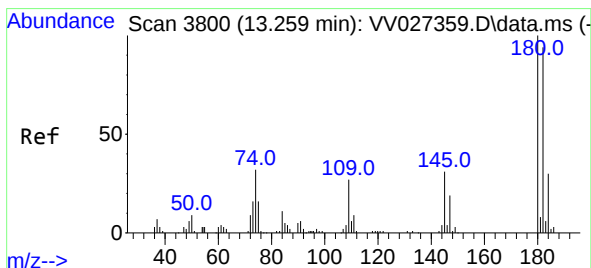
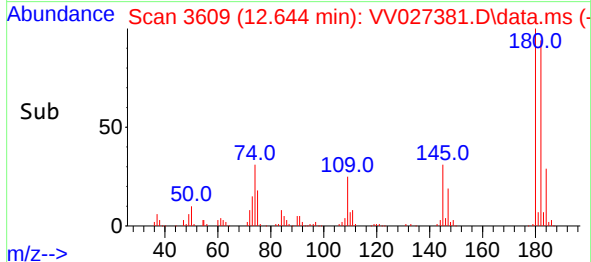
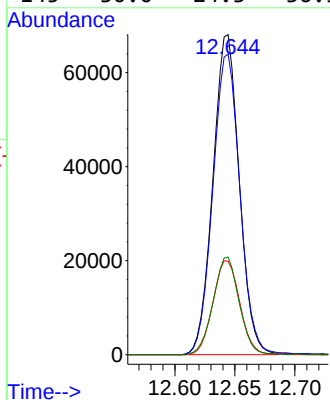


#69
1,3,5-Trichlorobenzene
Concen: 5.117 ug/L
RT: 12.644 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Instrument :
MSVOA_V
ClientSampleId :

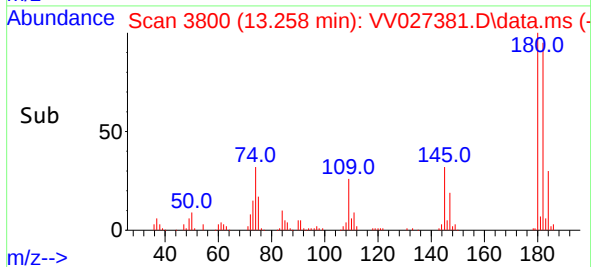
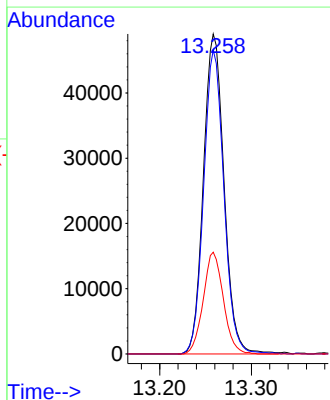
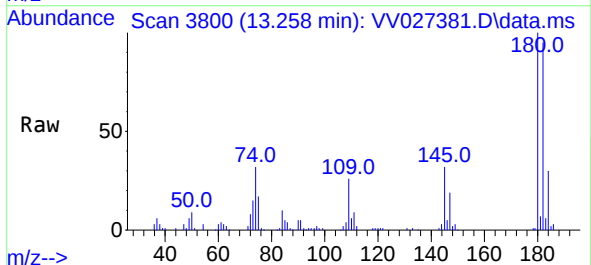


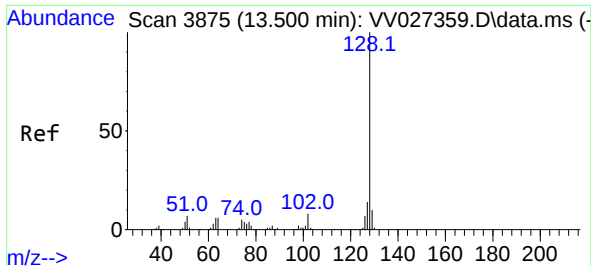
Tgt Ion:180 Resp: 103948
Ion Ratio Lower Upper
180 100
182 96.6 74.7 112.1
184 30.0 23.3 34.9
145 30.0 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 5.039 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion:180 Resp: 76495
Ion Ratio Lower Upper
180 100
182 93.2 77.4 116.0
145 31.1 24.9 37.3

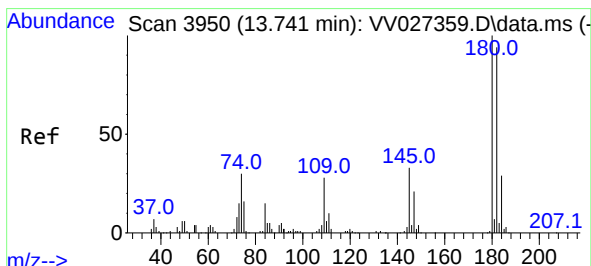
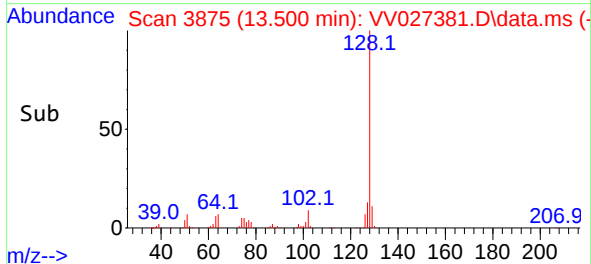
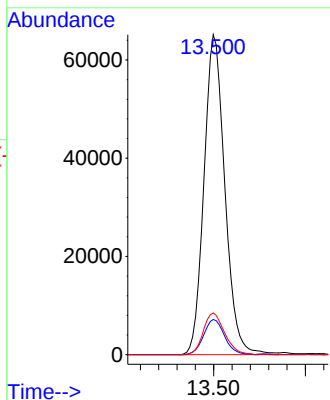
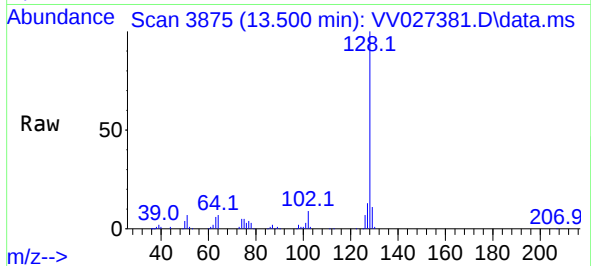




#71
Naphthalene
Concen: 4.395 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	103097
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.3	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.796 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027381.D
Acq: 15 Aug 2022 09:42

Tgt Ion:	180	Resp:	67874
Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.8	110.6
145	32.9	27.0	40.4

