

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028069.D
 Acq On : 22 Sep 2022 19:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:33:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:15:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	193812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	191788	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	105441	5.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 105.000%	
7) Chloroethane-d5	1.561	69	85158	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 106.600%	
11) 1,1-Dichloroethene-d2	2.101	63	177912	5.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 102.200%	
20) 2-Butanone-d5	3.886	46	155993	45.986	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 91.980%	
24) Chloroform-d	4.342	84	163498	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.000%	
26) 1,2-Dichloroethane-d4	5.027	65	78619	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.000%	
32) Benzene-d6	5.043	84	324780	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.200%	
36) 1,2-Dichloropropane-d6	6.066	67	94211	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 96.200%	
41) Toluene-d8	7.310	98	308849	5.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.600%	
43) trans-1,3-Dichloroprop...	7.619	79	38146	5.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.800%	
46) 2-Hexanone-d5	8.085	63	164869	55.781	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 111.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	72591	5.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 108.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	102654	5.213	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	71645	4.949	ug/L	94
3) Chloromethane	1.236	50	72719	3.793	ug/L	97
5) Vinyl chloride	1.304	62	78418	5.218	ug/L	99
6) Bromomethane	1.516	94	48501	4.955	ug/L	97
8) Chloroethane	1.580	64	52447	5.204	ug/L	97
9) Trichlorofluoromethane	1.748	101	125713	5.268	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	69820	5.077	ug/L	99
12) 1,1-Dichloroethene	2.111	96	63000	4.704	ug/L	95
13) Acetone	2.172	43	93285	35.702	ug/L	99
14) Carbon disulfide	2.285	76	128009	4.980	ug/L	99
15) Methyl Acetate	2.433	43	29480	5.812	ug/L	98
16) Methylene chloride	2.500	84	72086	4.821	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	147450	5.118	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	60558	5.165	ug/L	98
19) 1,1-Dichloroethane	3.182	63	127616	4.989	ug/L	98
21) 2-Butanone	3.969	43	131494	40.649	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	70361	4.573	ug/L	98
23) Bromochloromethane	4.243	128	31645	5.137	ug/L	86
25) Chloroform	4.368	83	136446	4.971	ug/L	97

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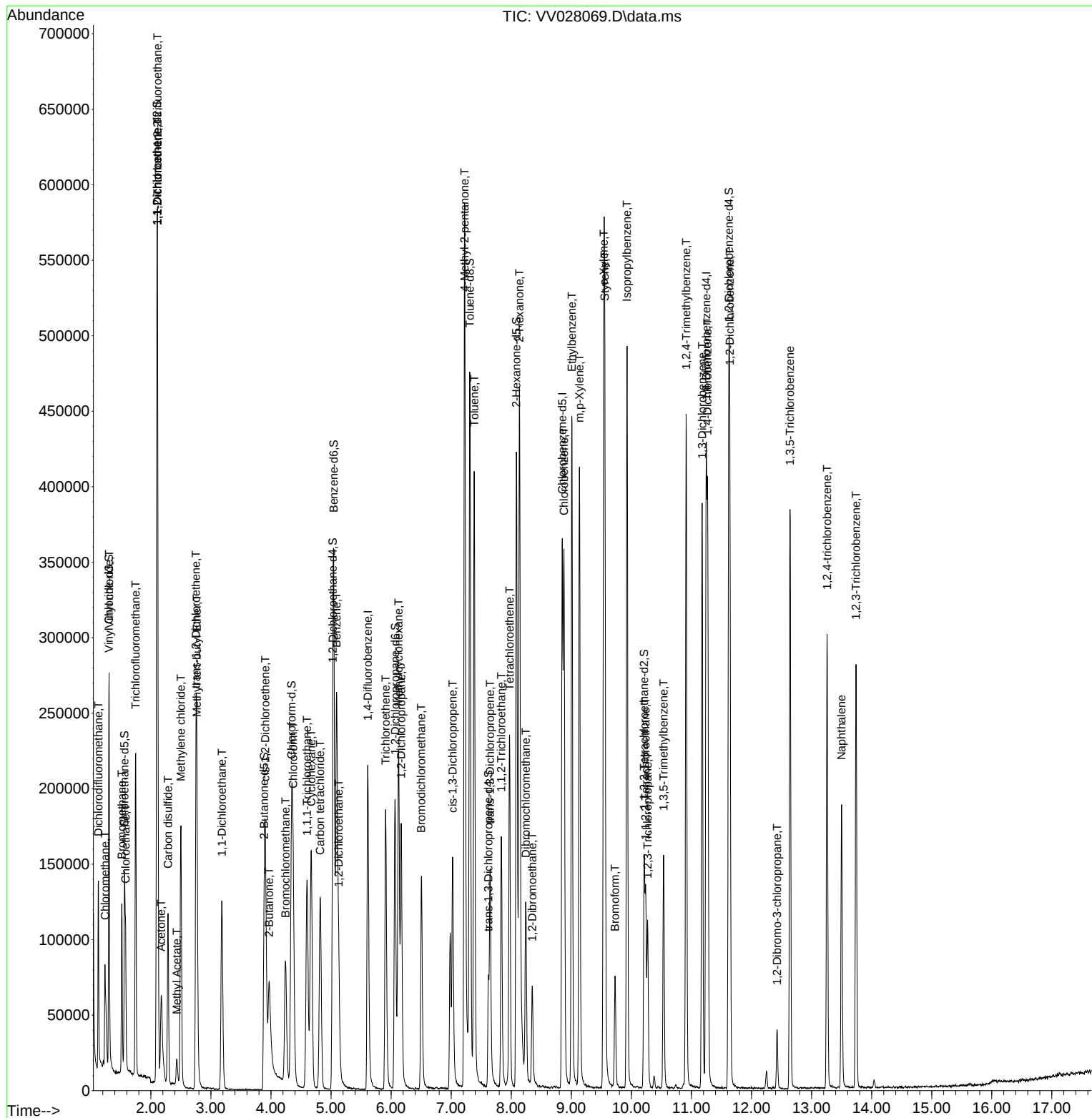
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27) 1,2-Dichloroethane	5.127	62	73120	4.996	ug/L #	95
29) 1,1,1-Trichloroethane	4.600	97	116565	4.947	ug/L	98
30) Cyclohexane	4.670	56	82670	4.851	ug/L	93
31) Carbon tetrachloride	4.818	117	97582	5.032	ug/L	98
33) Benzene	5.092	78	270203	5.073	ug/L	100
34) Trichloroethene	5.908	95	65316	4.927	ug/L	96
35) Methylcyclohexane	6.124	83	90504	4.978	ug/L	96
37) 1,2-Dichloropropane	6.169	63	66628	4.463	ug/L	99
38) Bromodichloromethane	6.503	83	94299	5.116	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	98259	5.298	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	420431	57.988	ug/L	98
42) Toluene	7.384	91	295746	5.324	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	85578	5.365	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	52071	5.203	ug/L	97
47) Tetrachloroethene	7.972	164	52912	5.000	ug/L	99
48) 2-Hexanone	8.136	43	306547	55.695	ug/L	100
49) Dibromochloromethane	8.243	129	61803	5.136	ug/L	99
50) 1,2-Dibromoethane	8.349	107	43926	5.050	ug/L	96
51) Chlorobenzene	8.879	112	191963	5.152	ug/L	100
52) Ethylbenzene	9.008	91	302049	5.139	ug/L	99
53) m,p-Xylene	9.136	106	116954	5.193	ug/L	98
54) o-Xylene	9.538	106	114408	5.144	ug/L	97
55) Styrene	9.558	104	205901	5.343	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	63059	5.408	ug/L	98
59) Bromoform	9.728	173	33922	5.322	ug/L	99
60) Isopropylbenzene	9.927	105	308093	5.228	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	46129	5.479	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	81713	4.923	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	232653	5.014	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	153077	5.221	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	153629	5.237	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	143208	5.170	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9911	5.370	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	116746	5.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	91698	4.940	ug/L	99
71) Naphthalene	13.500	128	150775	4.961	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	85062	5.067	ug/L	99

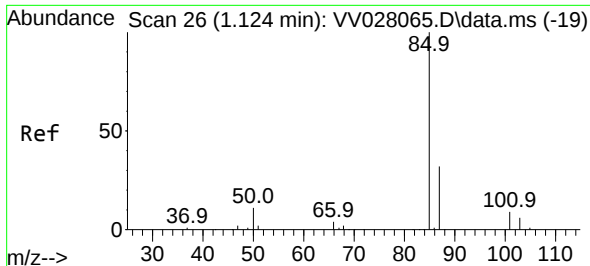
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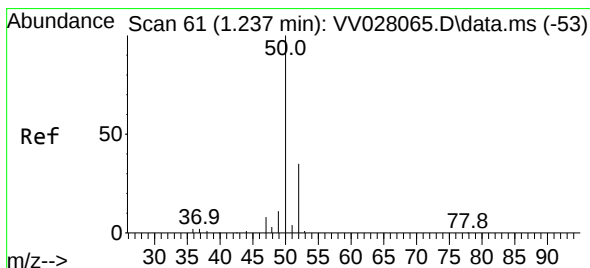
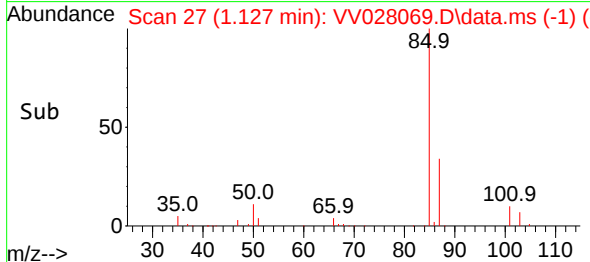
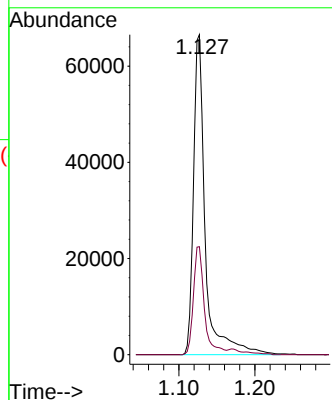
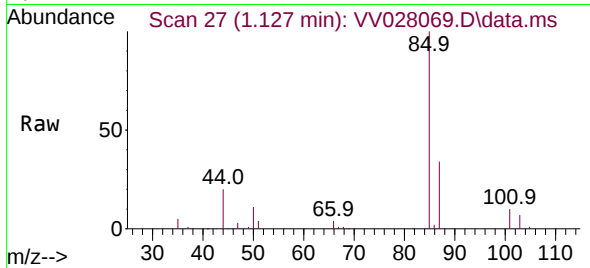




#2
 Dichlorodifluoromethane
 Concen: 4.949 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028069.D
 Acq: 22 Sep 2022 19:01

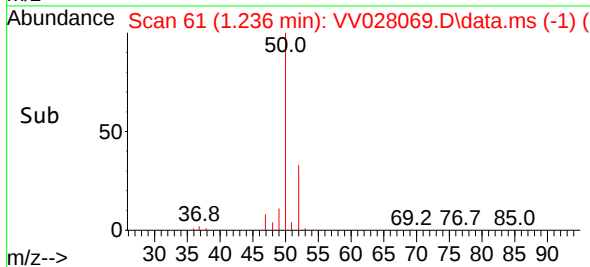
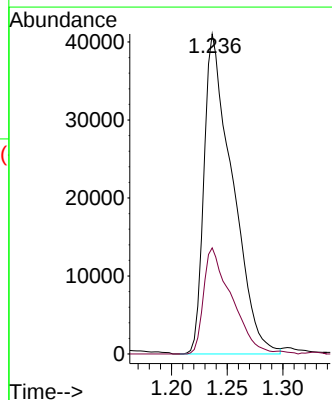
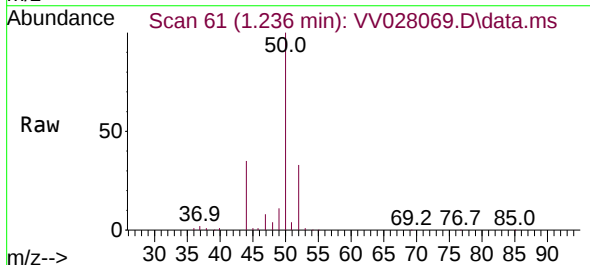
Instrument :
 MSVOA_V
 ClientSampleId :

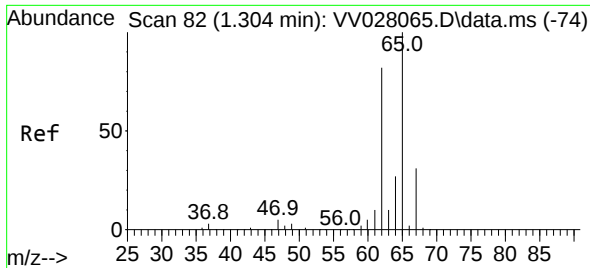
Tgt Ion: 85 Resp: 71645
 Ion Ratio Lower Upper
 85 100
 87 31.5 22.8 34.2



#3
 Chloromethane
 Concen: 3.793 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028069.D
 Acq: 22 Sep 2022 19:01

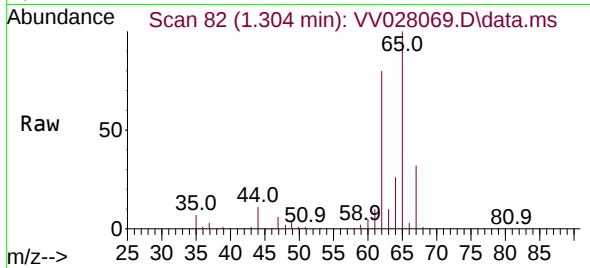
Tgt Ion: 50 Resp: 72719
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.4 45.2



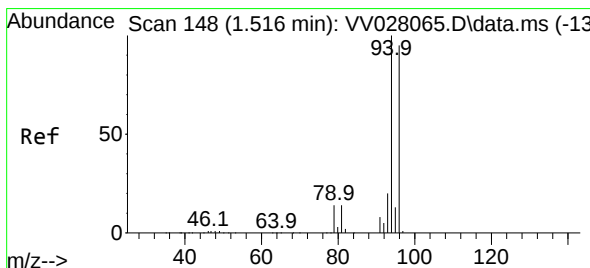
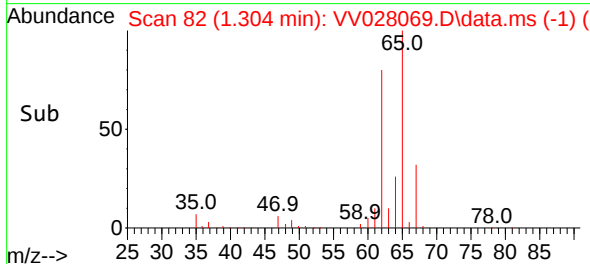
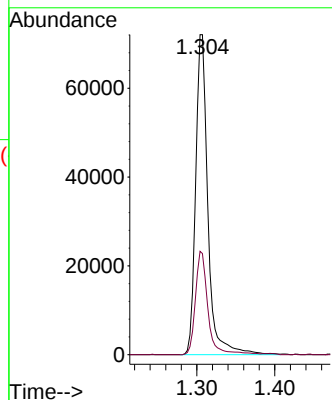


#5
 Vinyl chloride
 Concen: 5.218 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028069.D
 Acq: 22 Sep 2022 19:01

Instrument :
 MSVOA_V
 ClientSampleId :

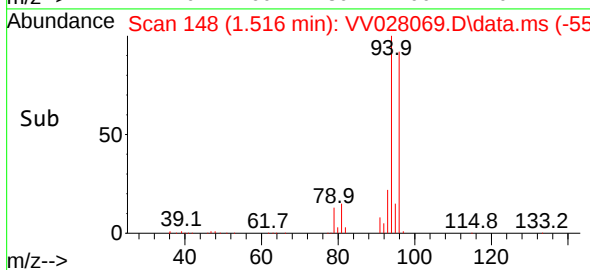
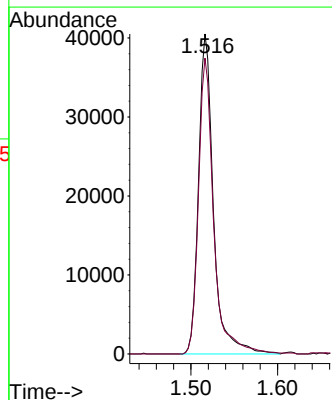
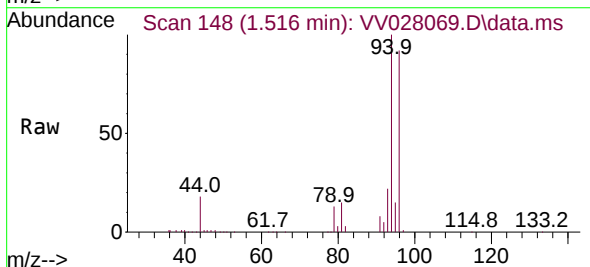


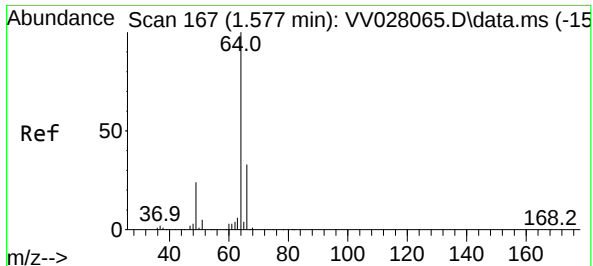
Tgt Ion: 62 Resp: 78418
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.8



#6
 Bromomethane
 Concen: 4.955 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028069.D
 Acq: 22 Sep 2022 19:01

Tgt Ion: 94 Resp: 48501
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.7 123.9

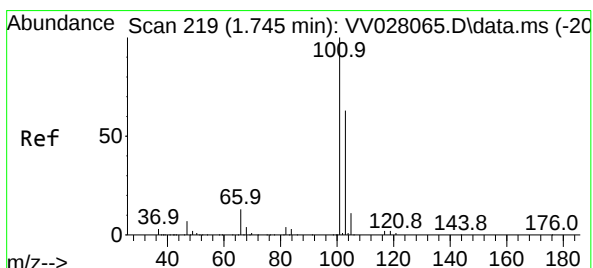
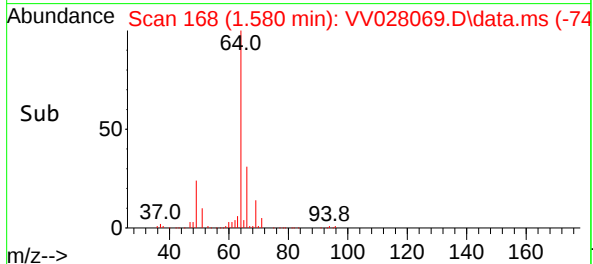
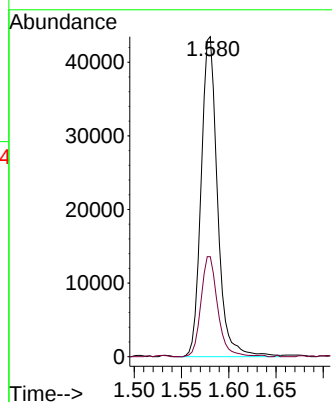
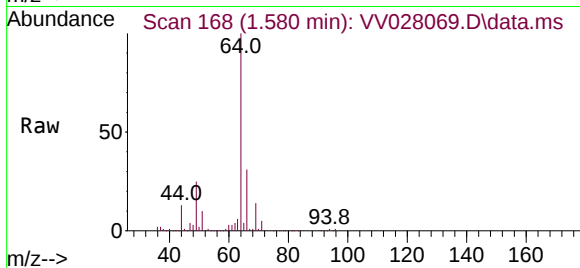




#8
Chloroethane
Concen: 5.204 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

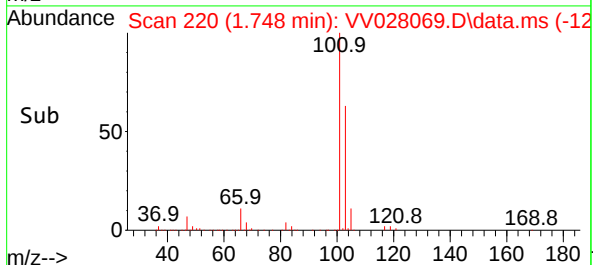
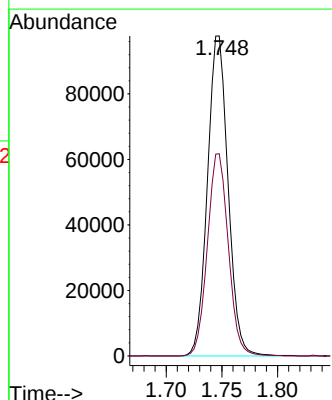
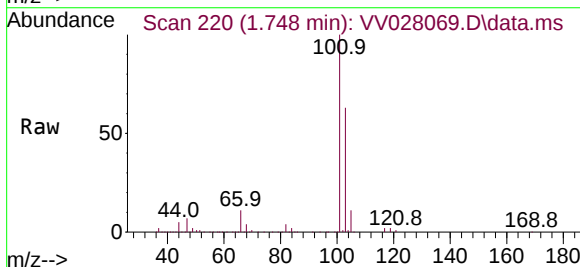
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MSVOA_V
ClientSampleId :

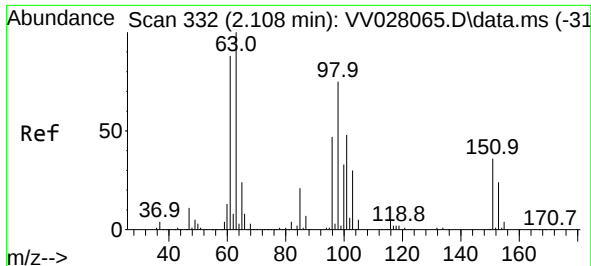
Tgt Ion: 64 Resp: 52447
Ion Ratio Lower Upper
64 100
66 31.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.268 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion:101 Resp: 125713
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.077 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

ClientSampleId :

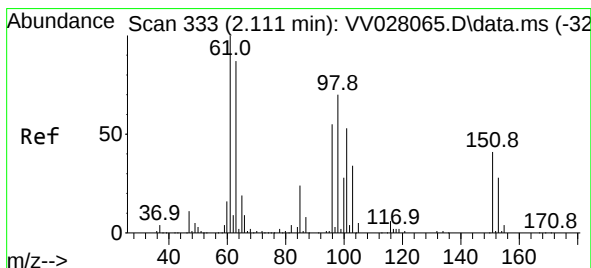
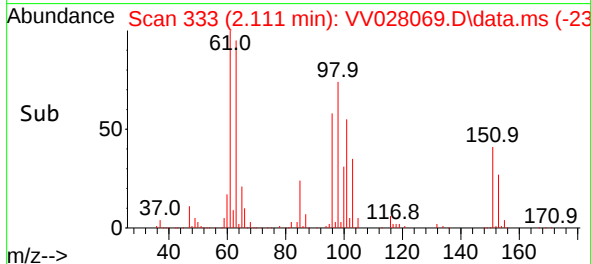
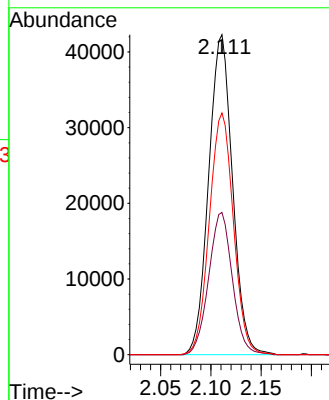
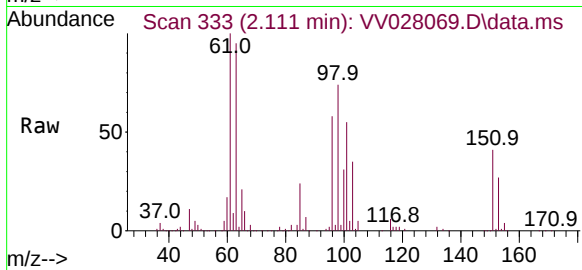
Tgt Ion:101 Resp: 69820

Ion Ratio Lower Upper

101 100

85 44.0 34.4 51.6

151 76.2 61.1 91.7



#12

1,1-Dichloroethene

Concen: 4.704 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

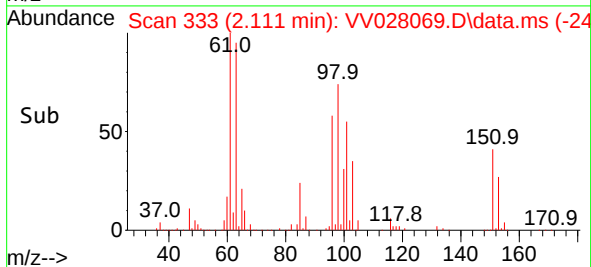
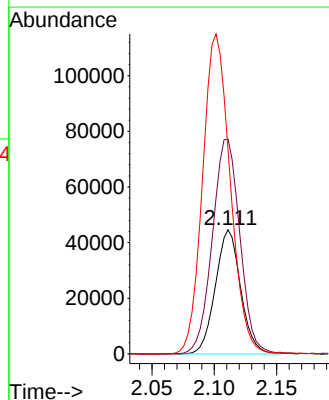
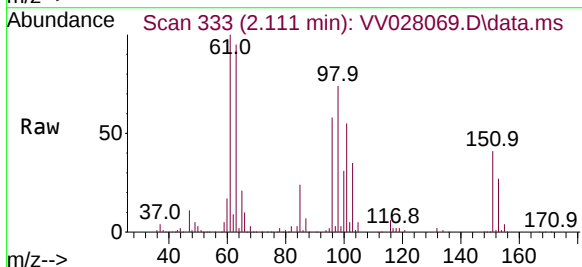
Tgt Ion: 96 Resp: 63000

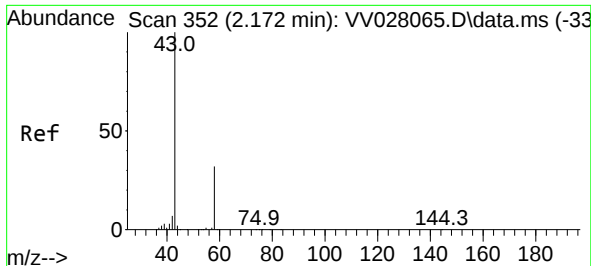
Ion Ratio Lower Upper

96 100

61 173.2 128.3 238.3

63 164.6 112.7 209.3





#13

Acetone

Concen: 35.702 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.000 min

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Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

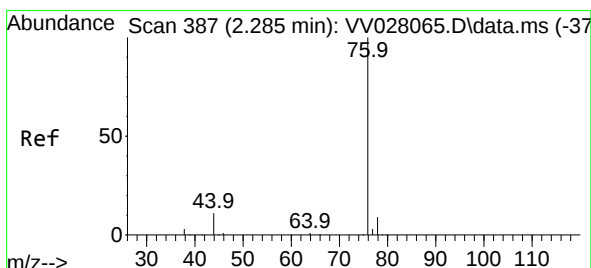
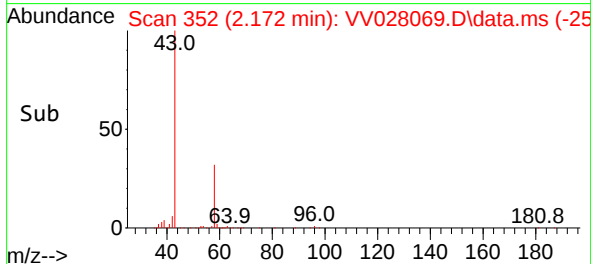
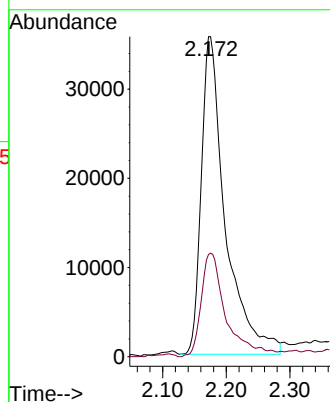
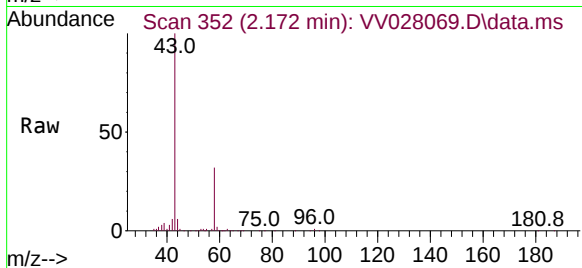
ClientSampleId :

Tgt Ion: 43 Resp: 93285

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.6



#14

Carbon disulfide

Concen: 4.980 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

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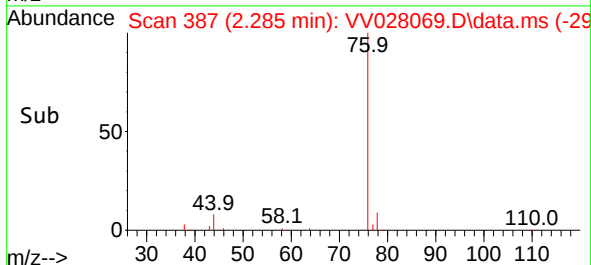
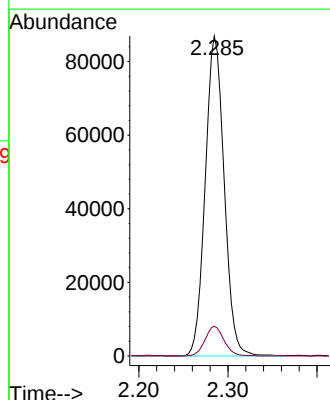
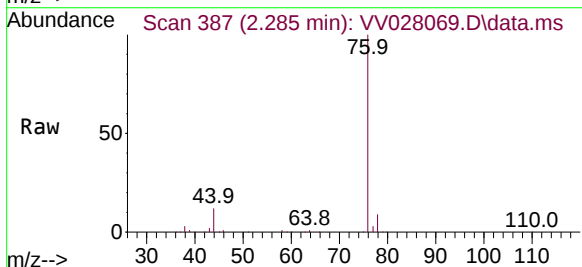
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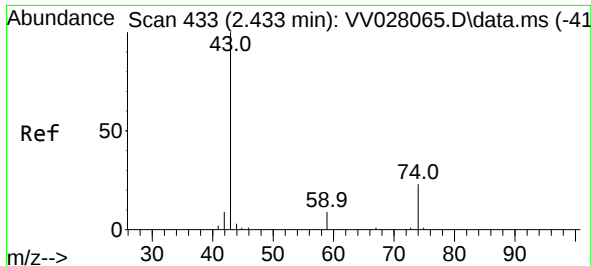
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Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

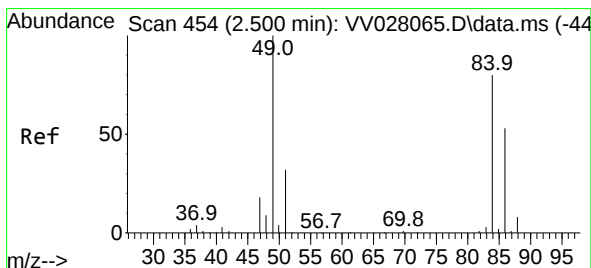
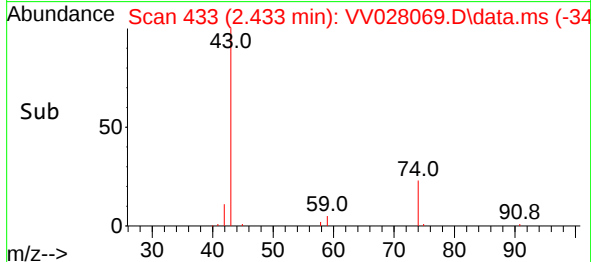
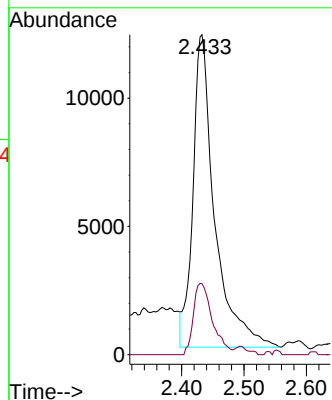
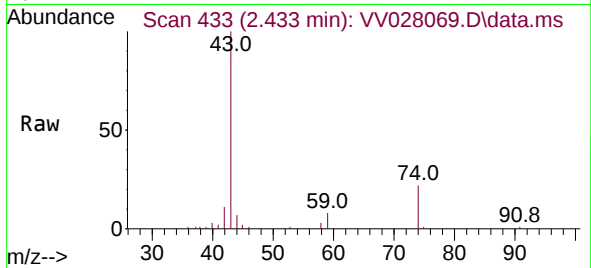




#15
Methyl Acetate
Concen: 5.812 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

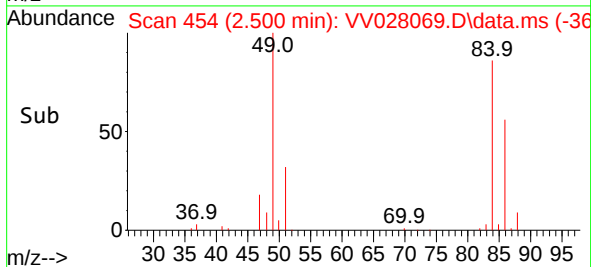
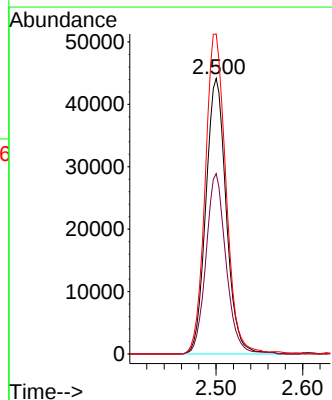
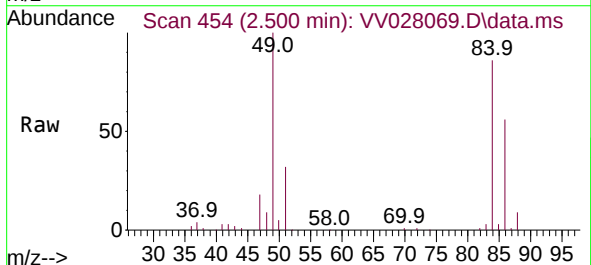
Instrument :
MSVOA_V
ClientSampleId :

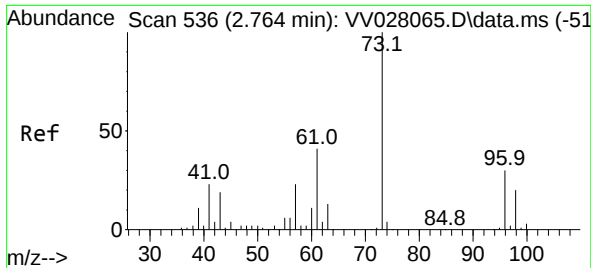
Tgt Ion: 43 Resp: 29480
Ion Ratio Lower Upper
43 100
74 20.0 16.9 25.3



#16
Methylene chloride
Concen: 4.821 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion: 84 Resp: 72086
Ion Ratio Lower Upper
84 100
86 65.5 46.8 86.8
49 116.2 87.5 162.5

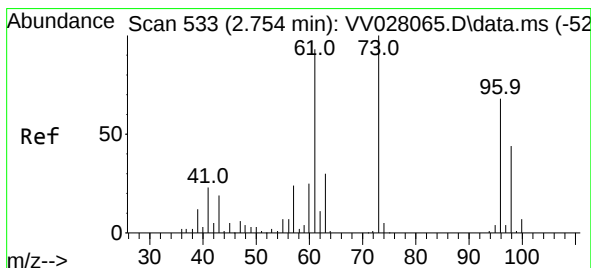
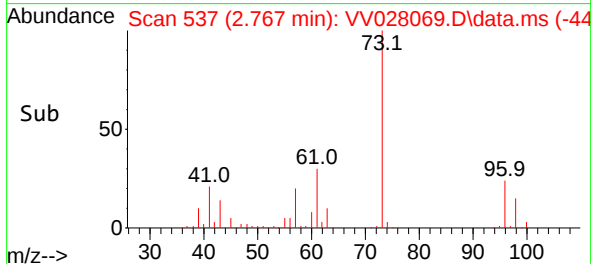
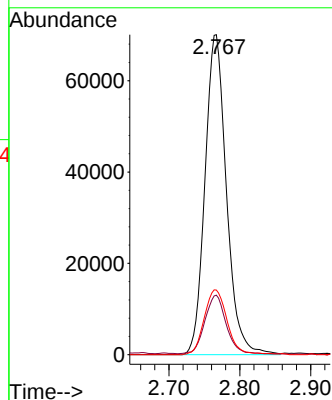
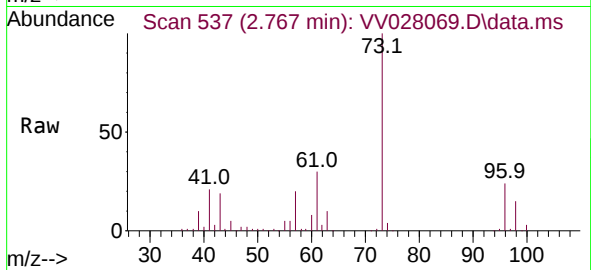




#17
Methyl tert-butyl Ether
Concen: 5.118 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

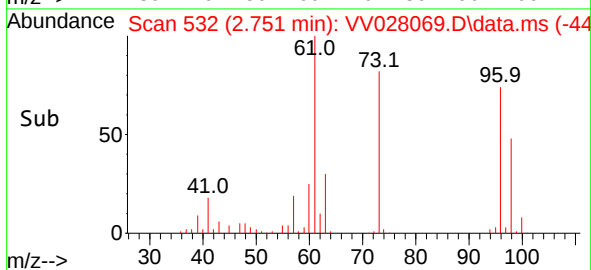
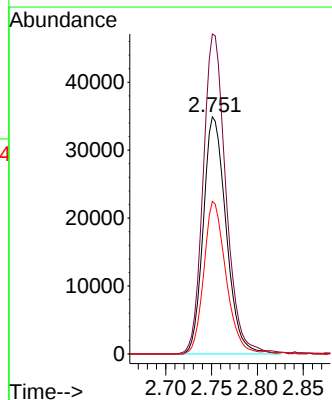
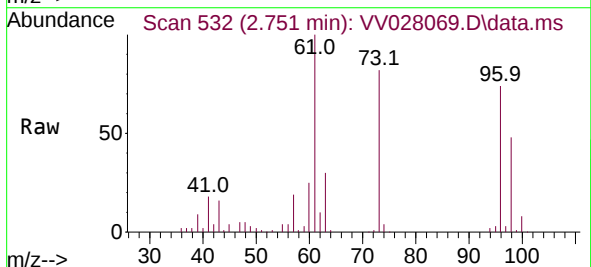
Instrument :
MSVOA_V
ClientSampleId :

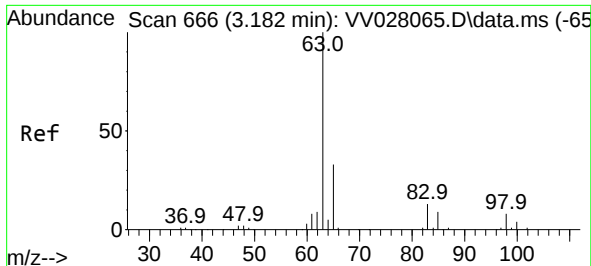
Tgt Ion: 73 Resp: 147450
Ion Ratio Lower Upper
73 100
43 18.0 15.7 23.5
57 21.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.165 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion: 96 Resp: 60558
Ion Ratio Lower Upper
96 100
61 135.0 96.2 178.6
98 64.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.989 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.000 min

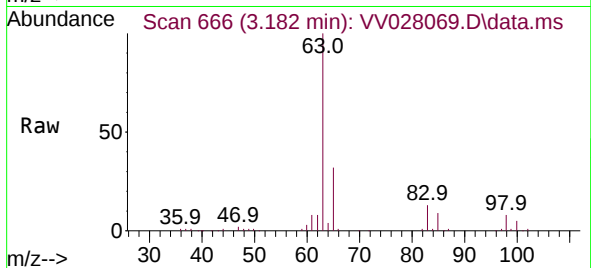
Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

ClientSampleId :



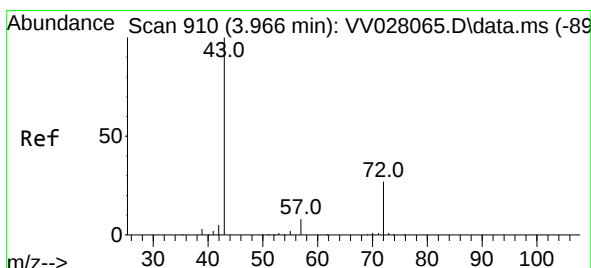
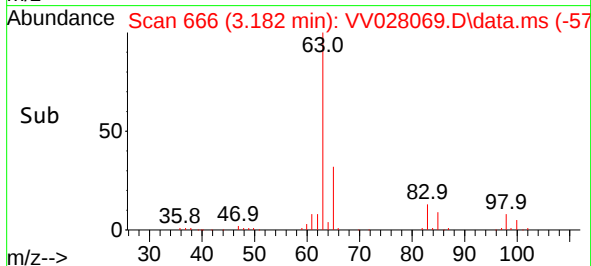
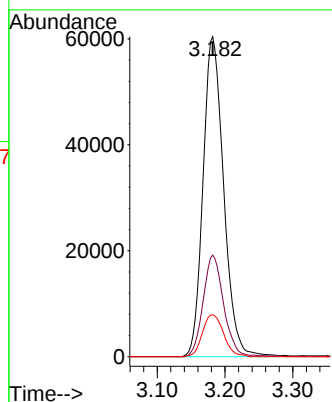
Tgt Ion: 63 Resp: 127616

Ion Ratio Lower Upper

63 100

65 31.7 23.0 42.8

83 13.1 9.2 17.2



#21

2-Butanone

Concen: 40.649 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV028069.D

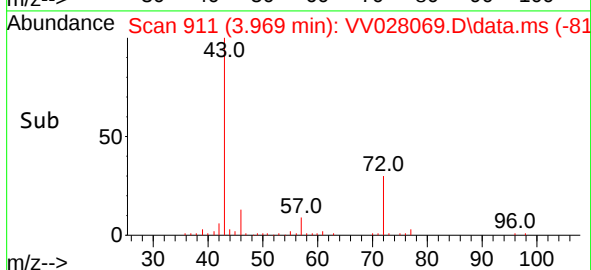
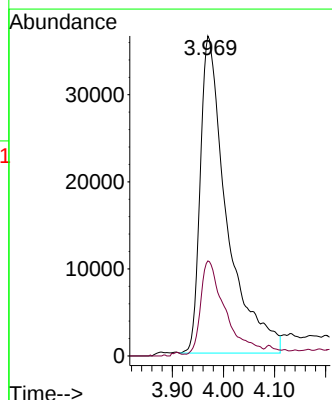
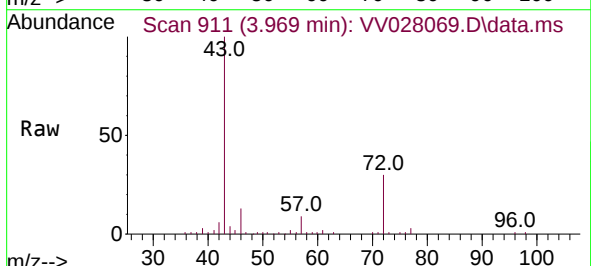
Acq: 22 Sep 2022 19:01

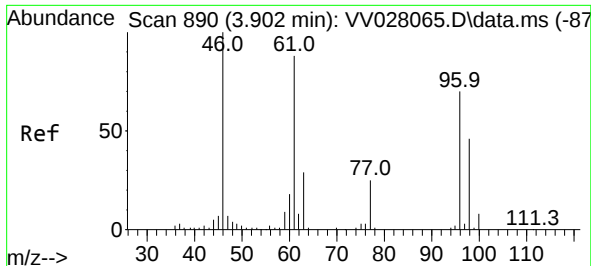
Tgt Ion: 43 Resp: 131494

Ion Ratio Lower Upper

43 100

72 27.4 12.7 38.1

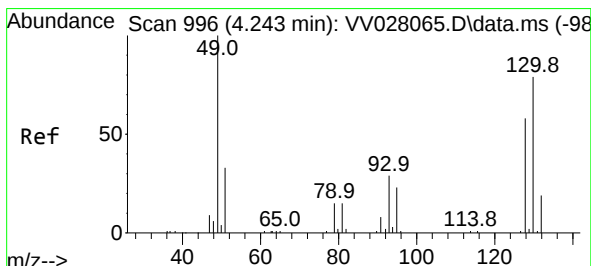
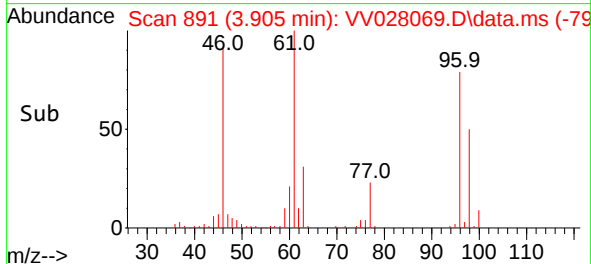
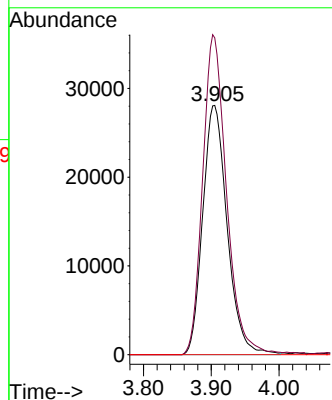
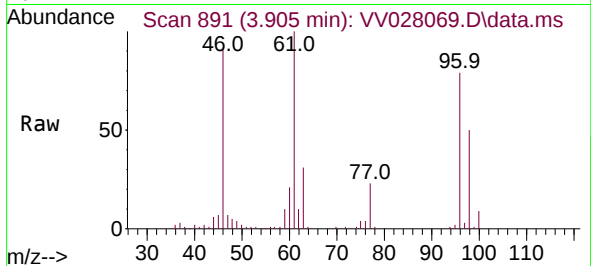




#22
 cis-1,2-Dichloroethene
 Concen: 4.573 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028069.D
 Acq: 22 Sep 2022 19:01

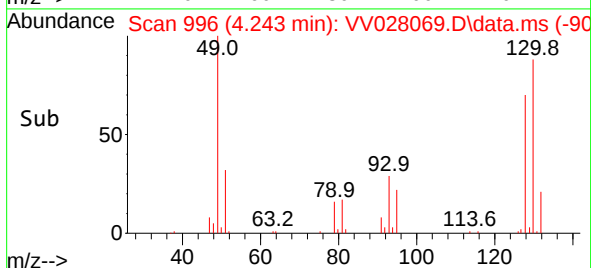
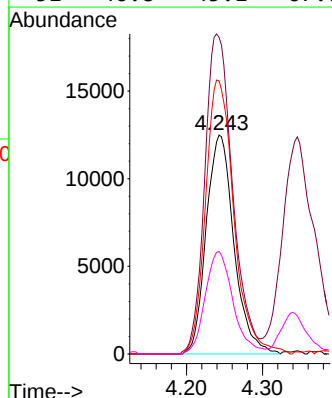
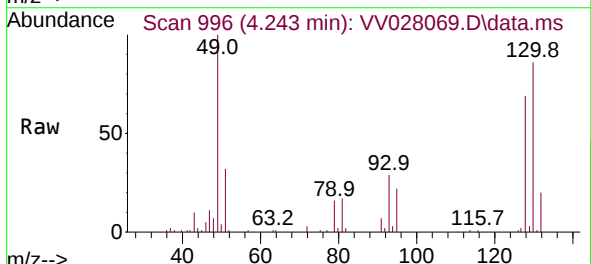
Instrument :
 MSVOA_V
 ClientSampleId :

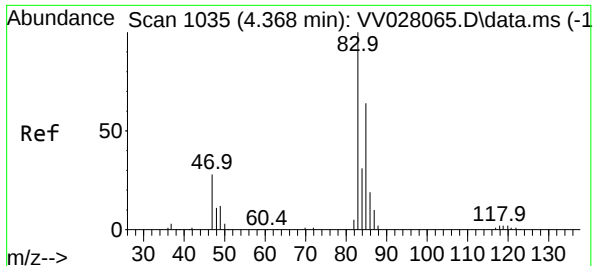
Tgt Ion: 96 Resp: 70361
 Ion Ratio Lower Upper
 96 100
 61 127.1 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.137 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV028069.D
 Acq: 22 Sep 2022 19:01

Tgt Ion:128 Resp: 31645
 Ion Ratio Lower Upper
 128 100
 49 144.7 119.9 222.7
 130 124.8 94.6 175.8
 51 46.8 45.1 67.7





#25

Chloroform

Concen: 4.971 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

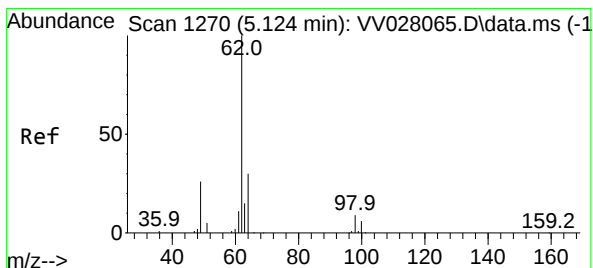
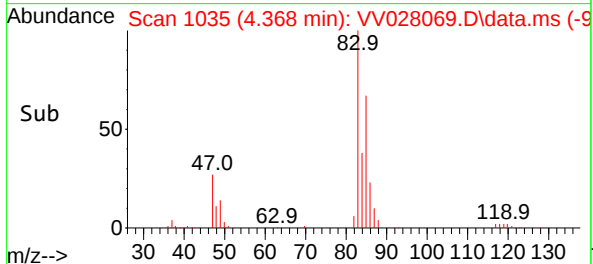
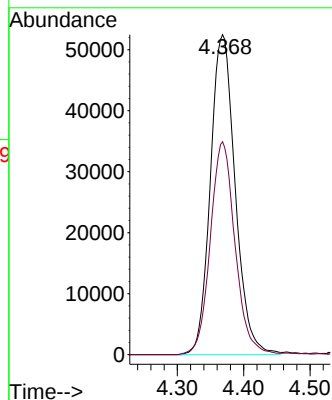
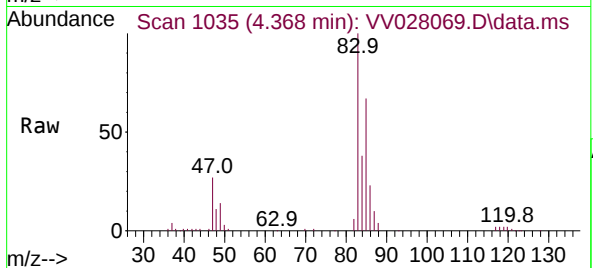
ClientSampleId :

Tgt Ion: 83 Resp: 136446

Ion Ratio Lower Upper

83 100

85 66.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.996 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028069.D

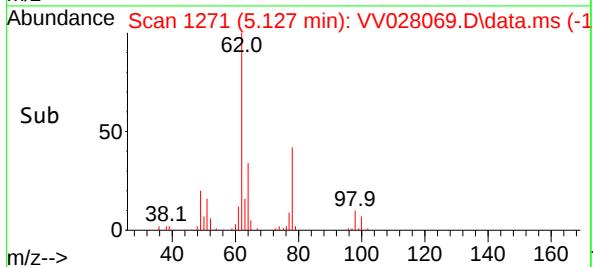
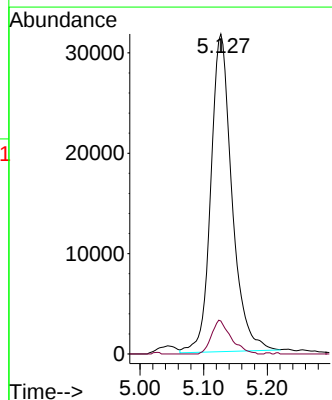
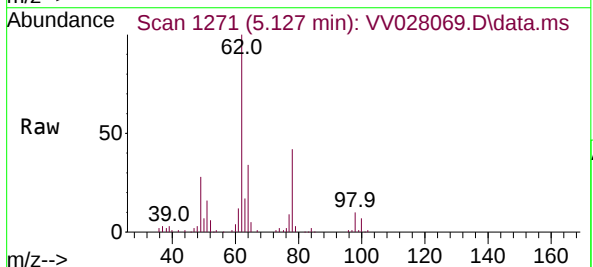
Acq: 22 Sep 2022 19:01

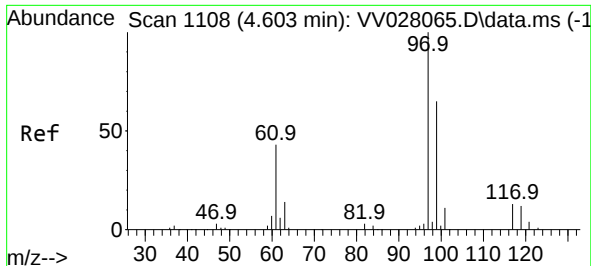
Tgt Ion: 62 Resp: 73120

Ion Ratio Lower Upper

62 100

98 10.3 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.947 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

ClientSampleId :

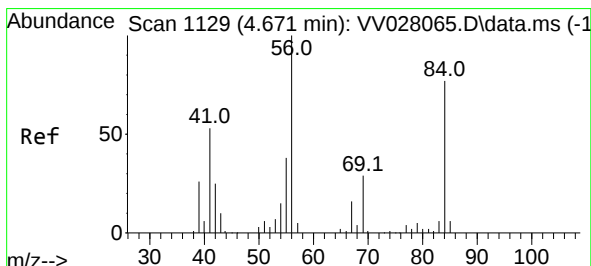
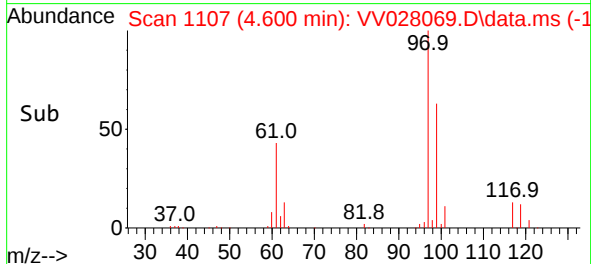
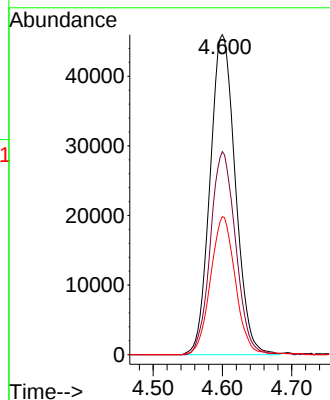
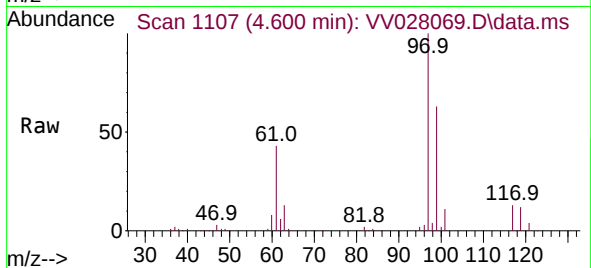
Tgt Ion: 97 Resp: 116565

Ion Ratio Lower Upper

97 100

99 63.2 51.9 77.9

61 42.3 34.8 52.2



#30

Cyclohexane

Concen: 4.851 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

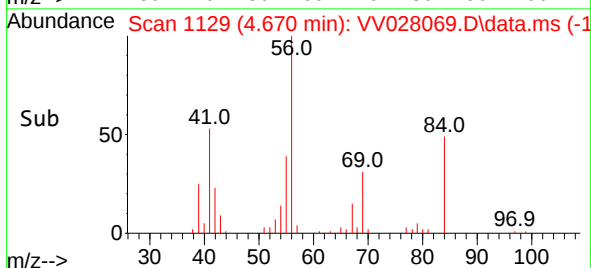
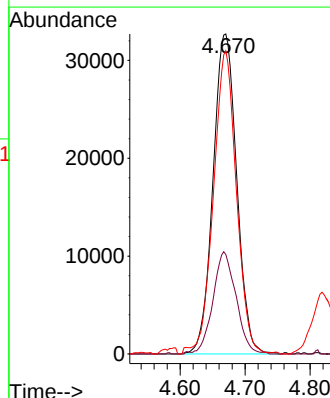
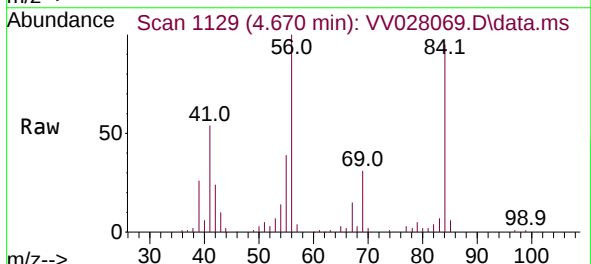
Tgt Ion: 56 Resp: 82670

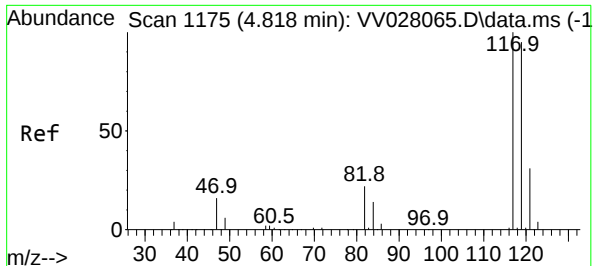
Ion Ratio Lower Upper

56 100

69 31.1 23.7 35.5

84 91.8 67.3 100.9

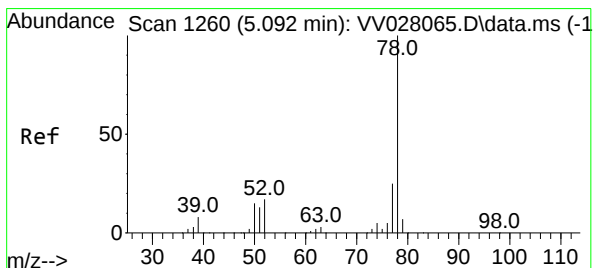
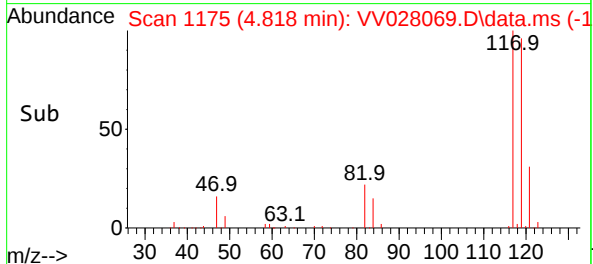
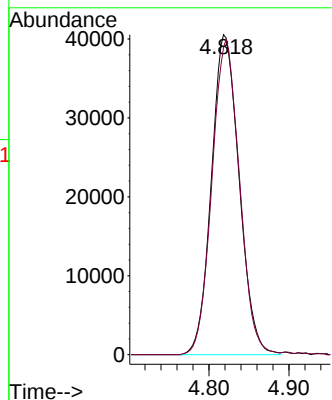
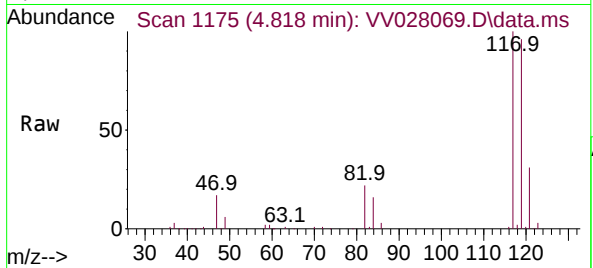




#31
Carbon tetrachloride
Concen: 5.032 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

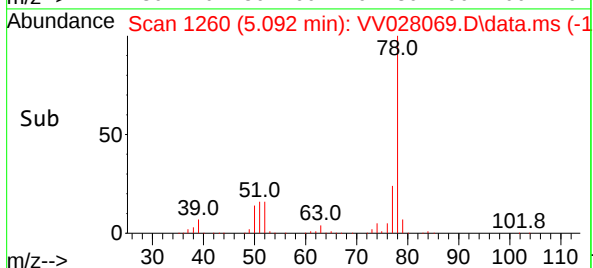
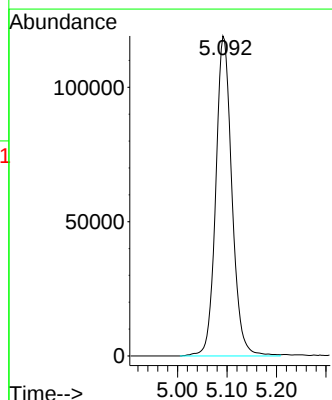
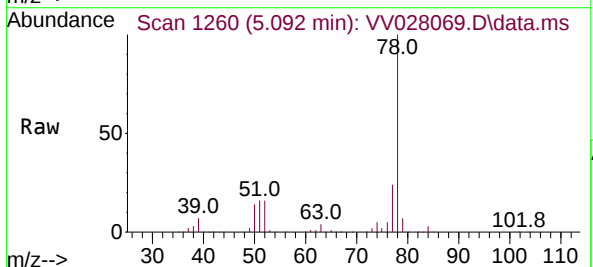
Instrument :
MSVOA_V
ClientSampleId :

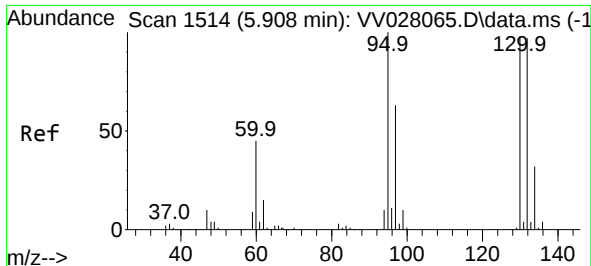
Tgt Ion:117 Resp: 97582
Ion Ratio Lower Upper
117 100
119 97.8 76.9 115.3



#33
Benzene
Concen: 5.073 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion: 78 Resp: 270203

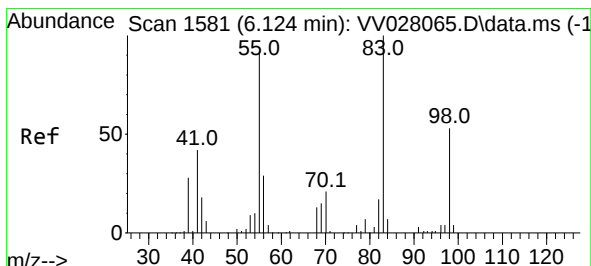
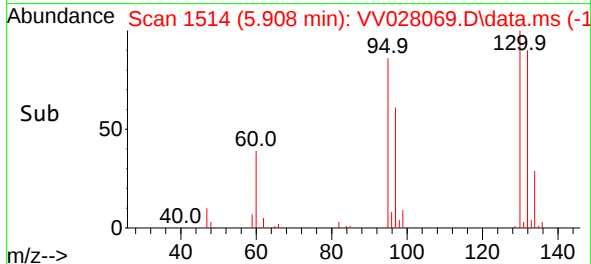
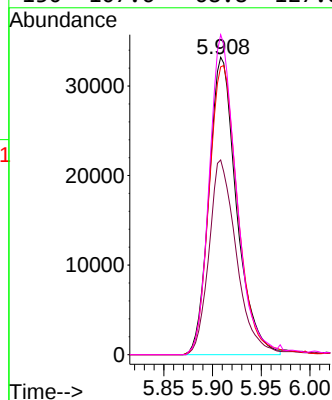
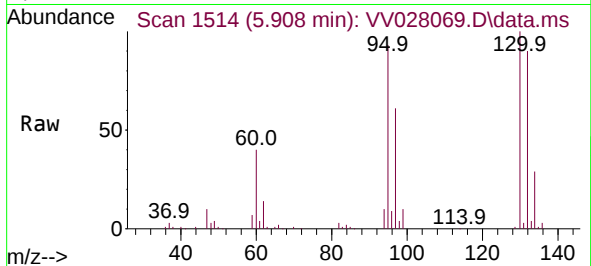




#34
Trichloroethene
Concen: 4.927 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

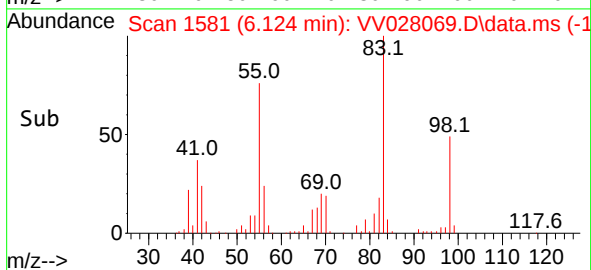
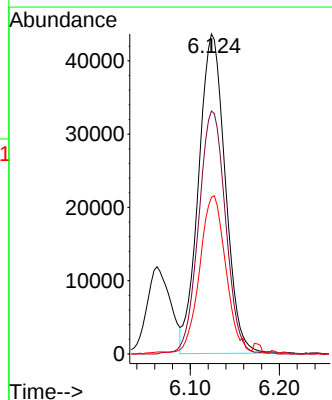
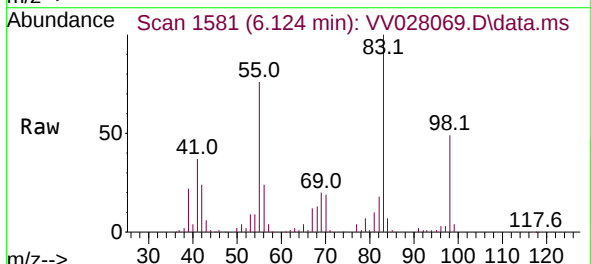
Instrument :
MSVOA_V
ClientSampleId :

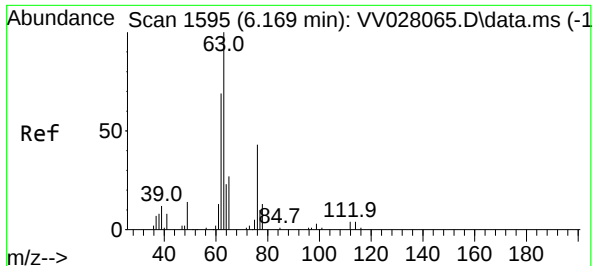
Tgt Ion: 95 Resp: 65316
Ion Ratio Lower Upper
95 100
97 65.5 44.2 82.0
132 96.8 67.8 126.0
130 107.6 68.8 127.8



#35
Methylcyclohexane
Concen: 4.978 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion: 83 Resp: 90504
Ion Ratio Lower Upper
83 100
55 77.1 64.7 97.1
98 47.6 39.5 59.3

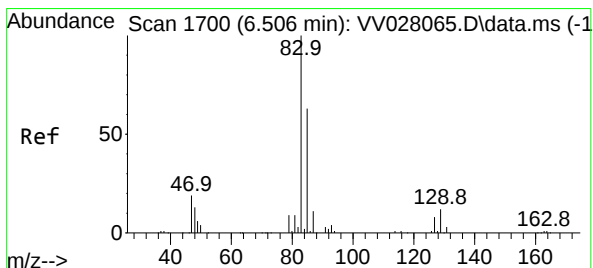
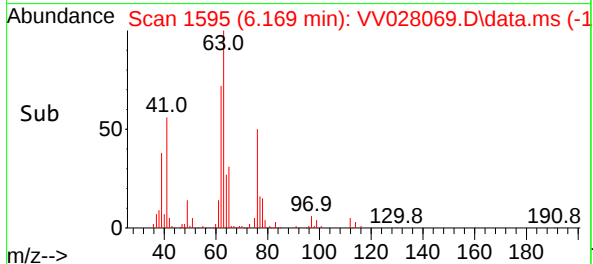
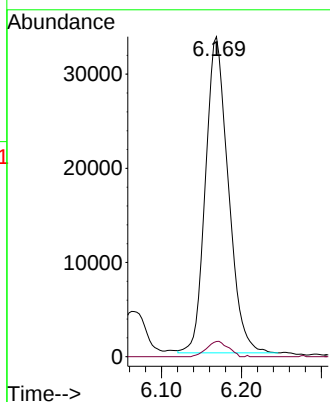
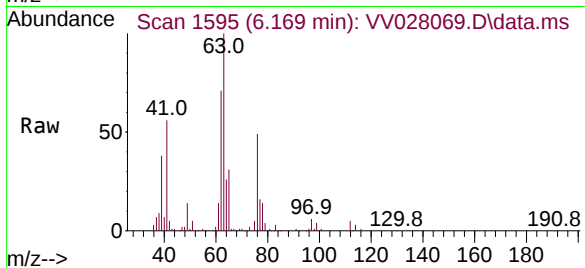




#37
1,2-Dichloropropane
Concen: 4.463 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

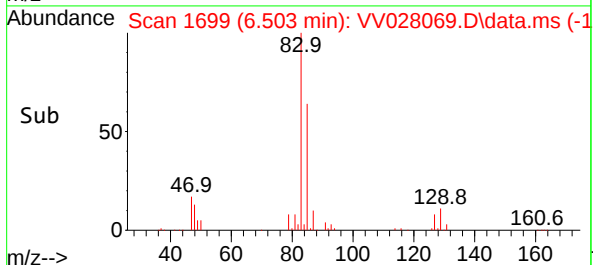
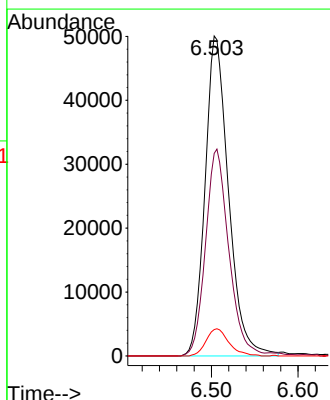
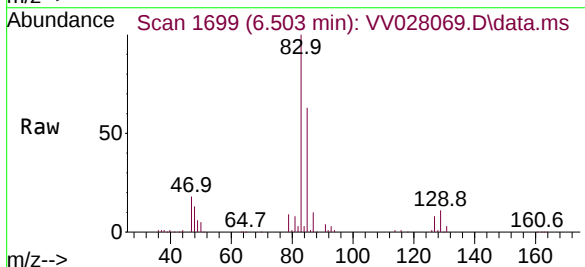
Instrument :
MSVOA_V
ClientSampleId :

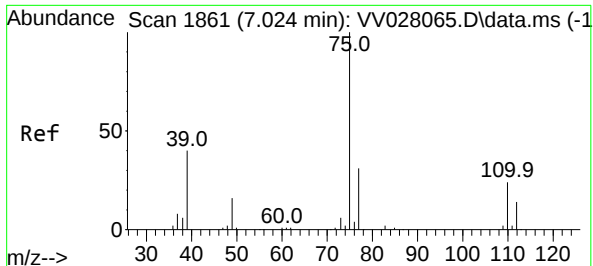
Tgt Ion: 63 Resp: 66628
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 5.116 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion: 83 Resp: 94299
Ion Ratio Lower Upper
83 100
85 63.3 43.8 81.4
127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.298 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

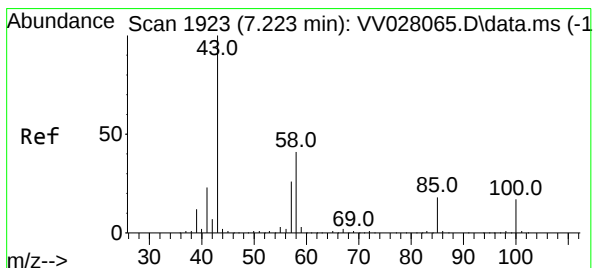
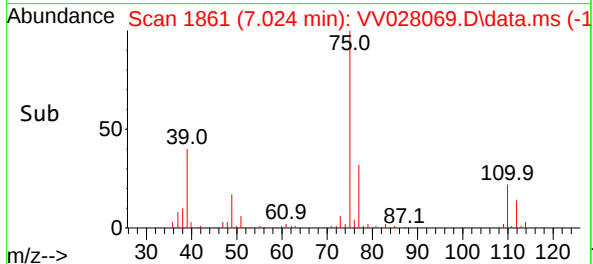
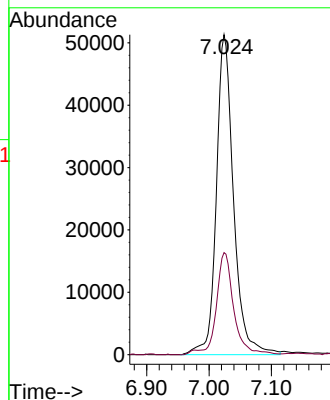
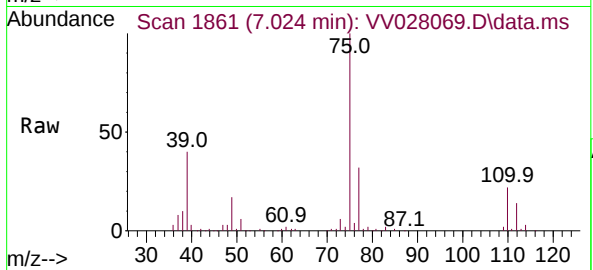
ClientSampleId :

Tgt Ion: 75 Resp: 98259

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 57.988 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

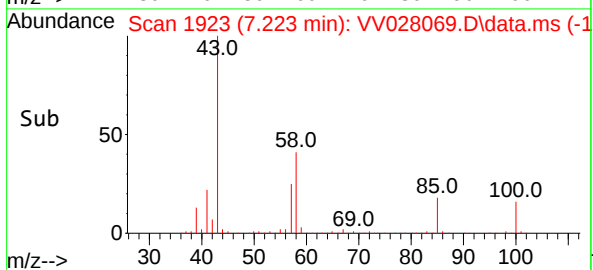
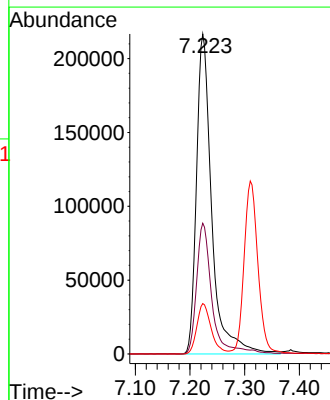
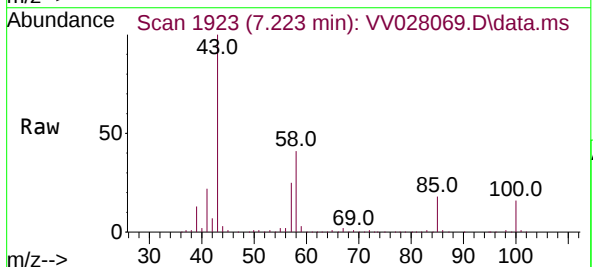
Tgt Ion: 43 Resp: 420431

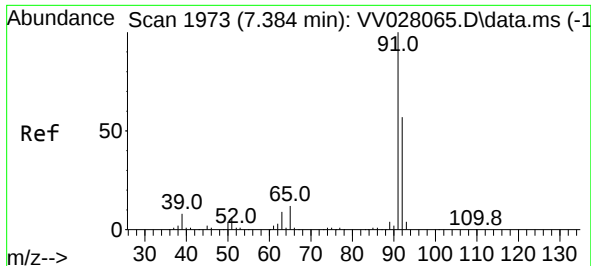
Ion Ratio Lower Upper

43 100

58 41.0 32.2 48.4

100 14.7 12.7 19.1





#42

Toluene

Concen: 5.324 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

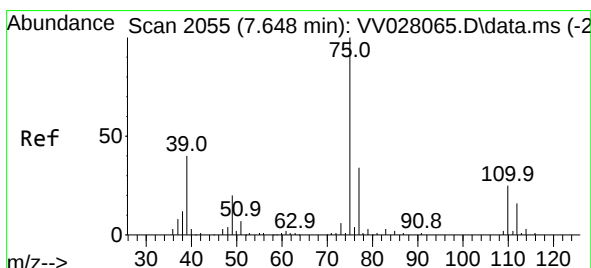
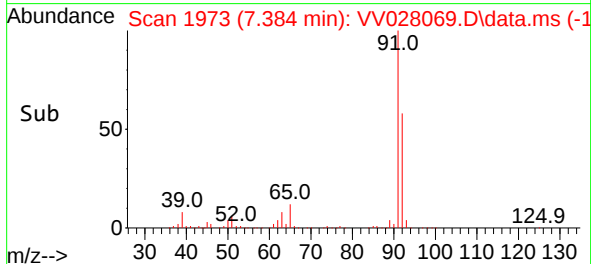
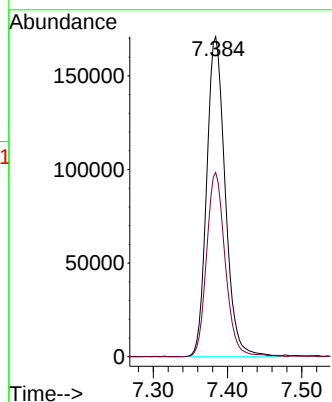
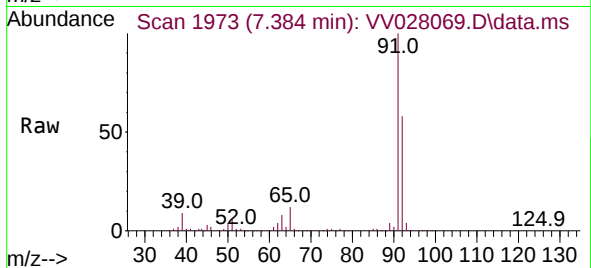
ClientSampleId :

Tgt Ion: 91 Resp: 295746

Ion Ratio Lower Upper

91 100

92 57.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.365 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV028069.D

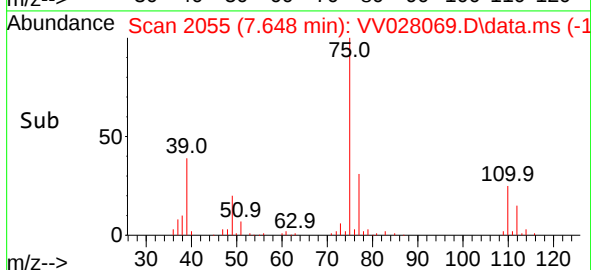
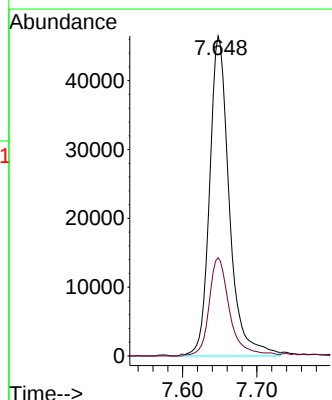
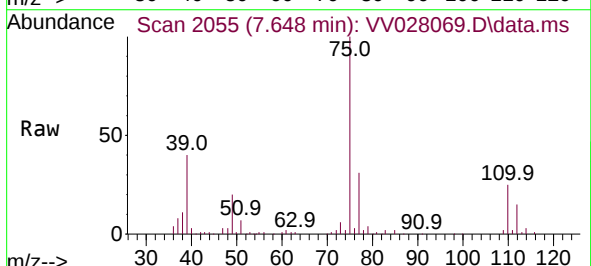
Acq: 22 Sep 2022 19:01

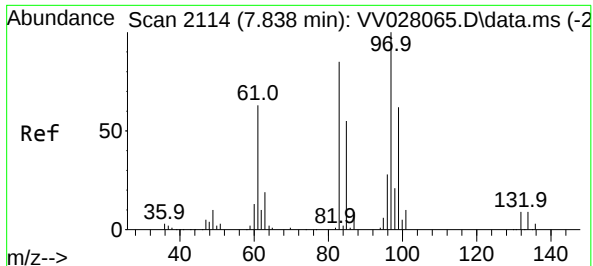
Tgt Ion: 75 Resp: 85578

Ion Ratio Lower Upper

75 100

77 30.7 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 5.203 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 52071

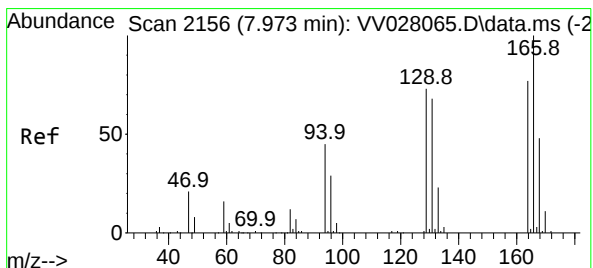
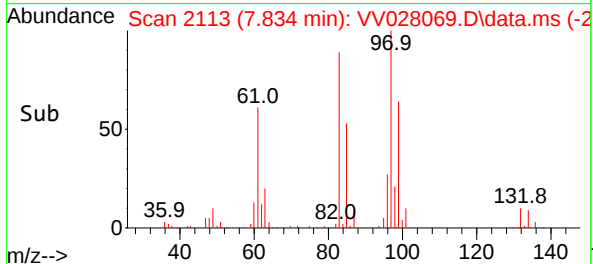
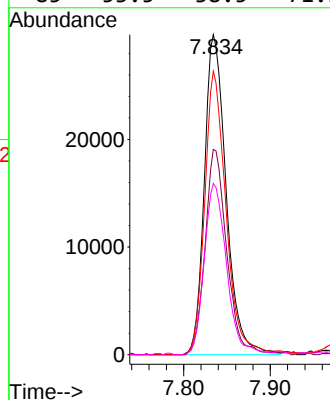
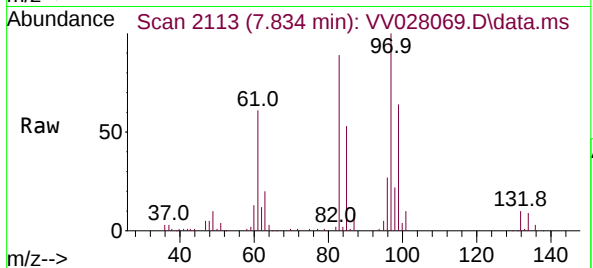
Ion Ratio Lower Upper

97 100

99 64.1 43.2 80.2

83 88.6 59.1 109.9

85 53.5 38.5 71.5



#47

Tetrachloroethene

Concen: 5.000 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Tgt Ion:164 Resp: 52912

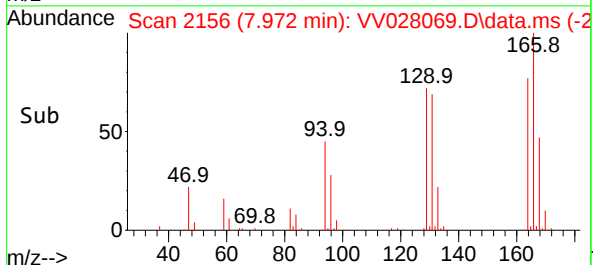
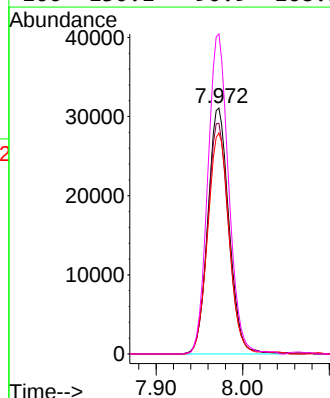
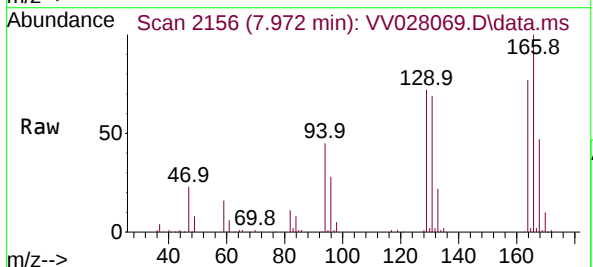
Ion Ratio Lower Upper

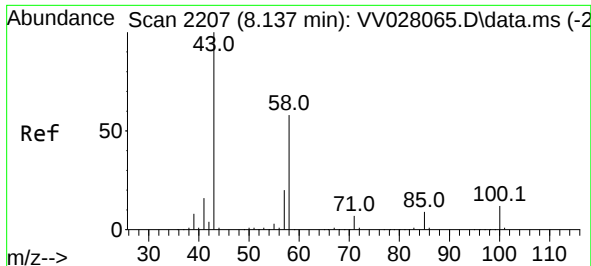
164 100

129 93.8 66.7 123.9

131 89.9 61.7 114.5

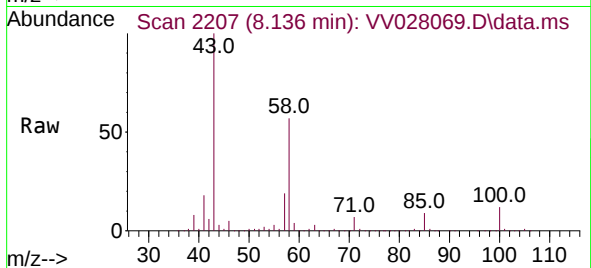
166 130.1 90.9 168.9



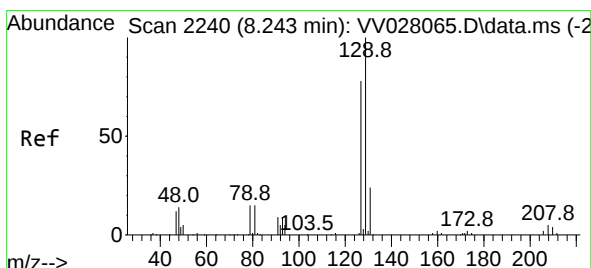
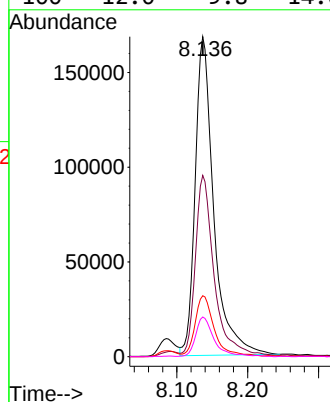
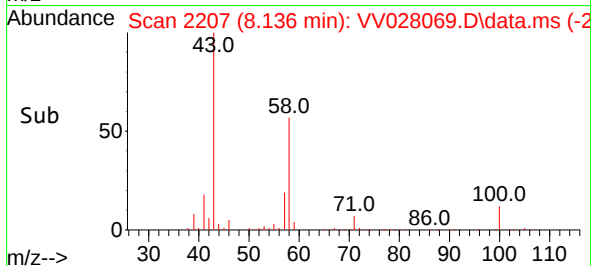


#48
2-Hexanone
Concen: 55.695 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Instrument :
MSVOA_V
ClientSampleId :

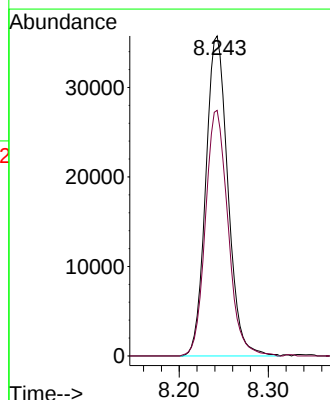
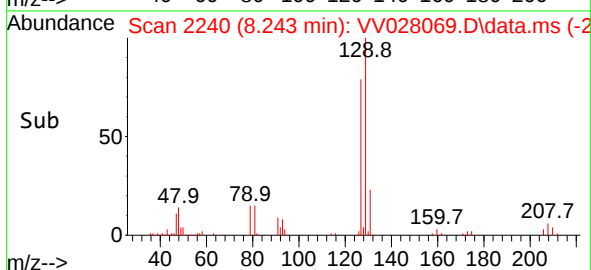
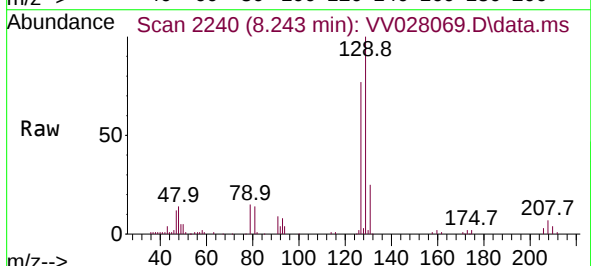


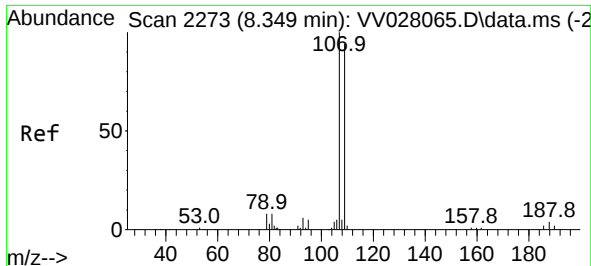
Tgt Ion: 43 Resp: 306547
Ion Ratio Lower Upper
43 100
58 56.7 45.7 68.5
57 19.4 15.5 23.3
100 12.0 9.8 14.6



#49
Dibromochloromethane
Concen: 5.136 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion: 129 Resp: 61803
Ion Ratio Lower Upper
129 100
127 76.8 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.050 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

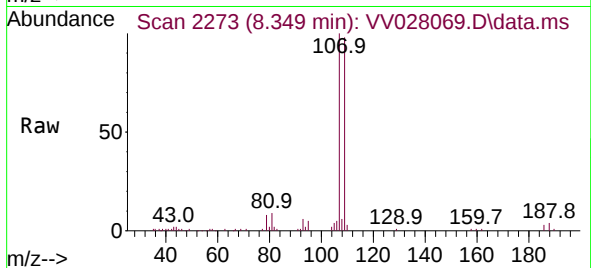
Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

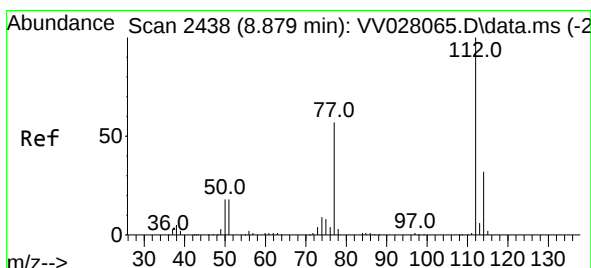
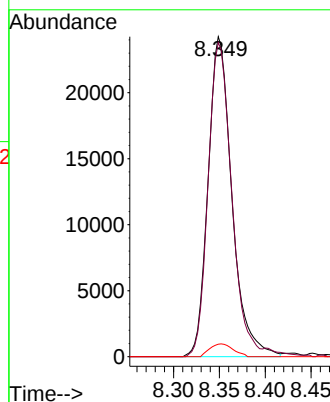
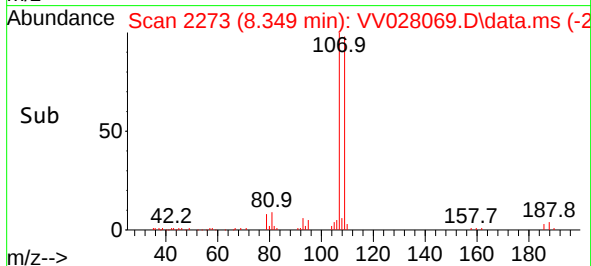
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	43926
Ion	Ratio	Lower	Upper
107	100		
109	98.2	65.9	122.5
188	3.9	3.4	5.0



#51

Chlorobenzene

Concen: 5.152 ug/L

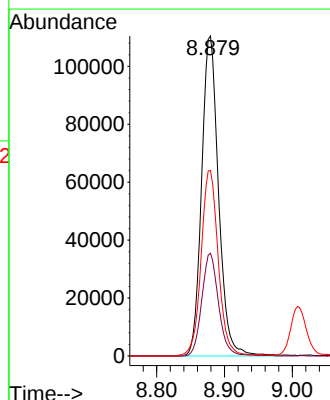
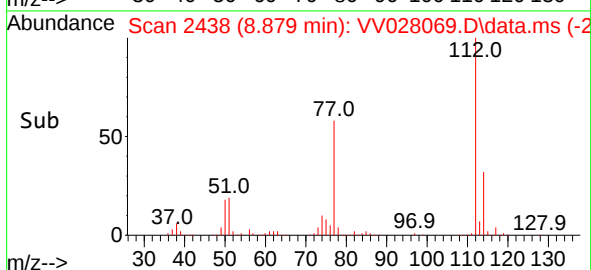
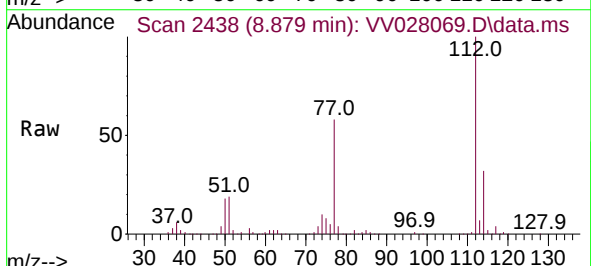
RT: 8.879 min Scan# 2438

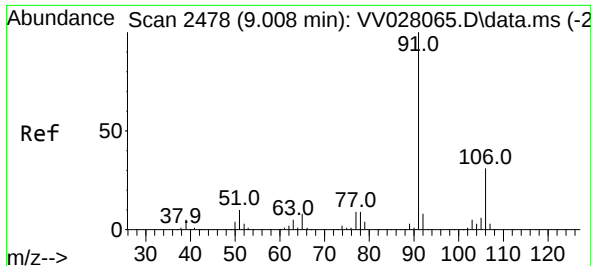
Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Tgt Ion:	112	Resp:	191963
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	58.0	46.1	69.1





#52

Ethylbenzene

Concen: 5.139 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

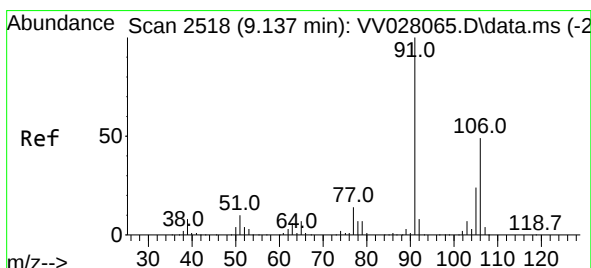
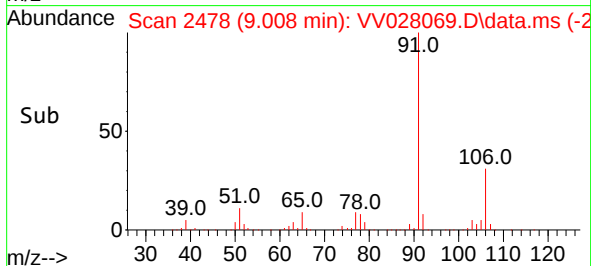
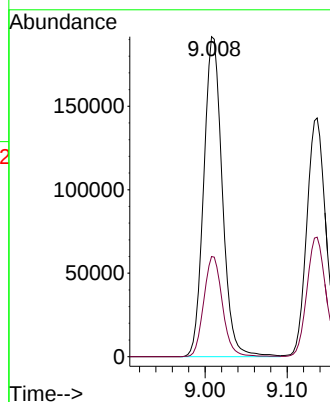
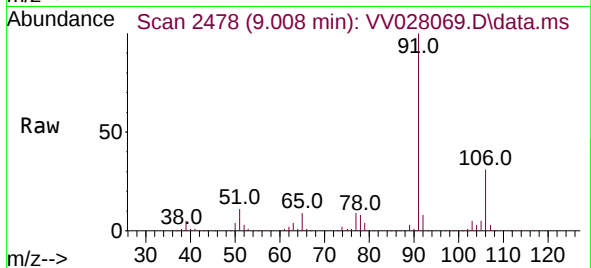
ClientSampleId :

Tgt Ion: 91 Resp: 302049

Ion Ratio Lower Upper

91 100

106 31.3 21.5 39.9



#53

m,p-Xylene

Concen: 5.193 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV028069.D

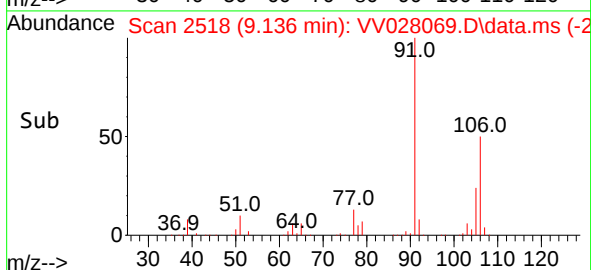
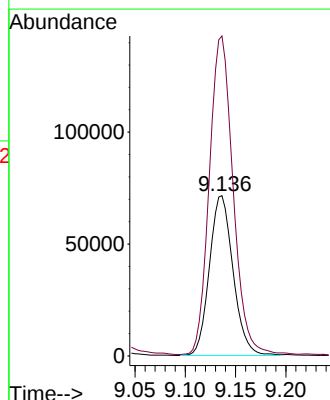
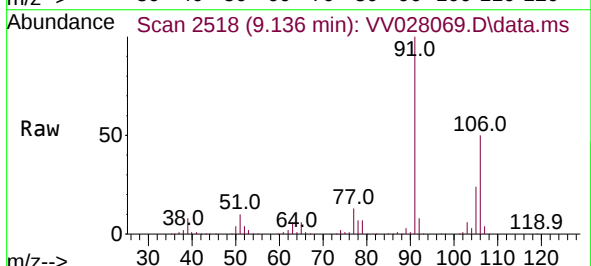
Acq: 22 Sep 2022 19:01

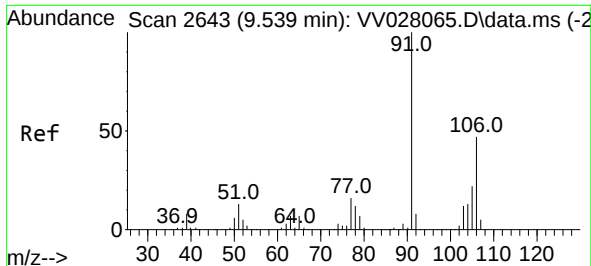
Tgt Ion:106 Resp: 116954

Ion Ratio Lower Upper

106 100

91 199.7 141.9 263.5

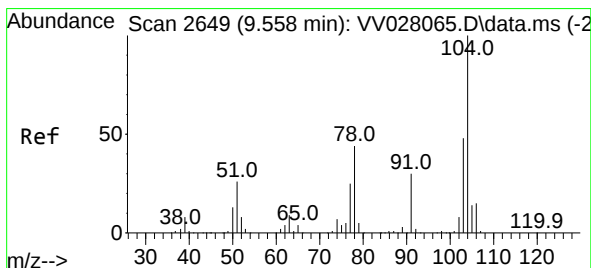
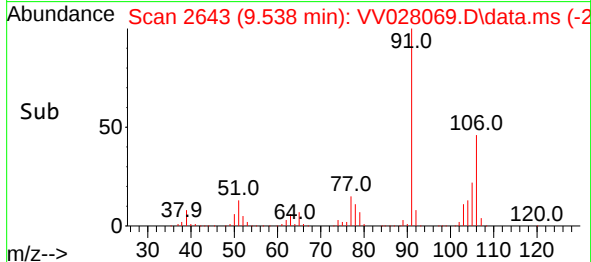
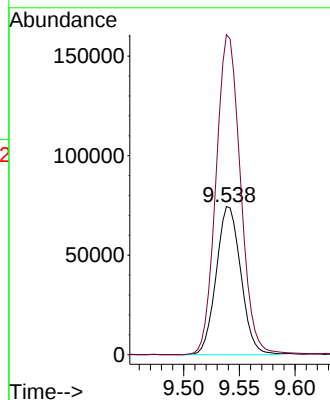
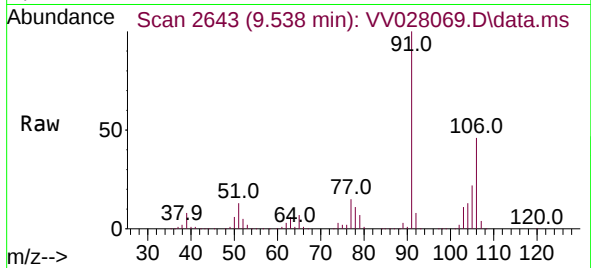




#54
o-Xylene
Concen: 5.144 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

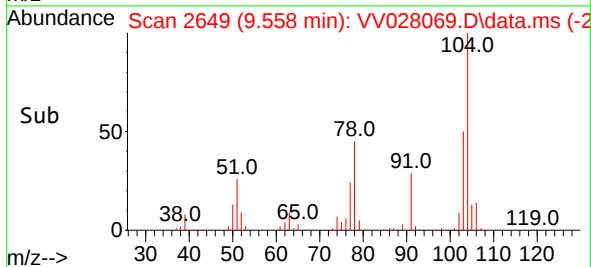
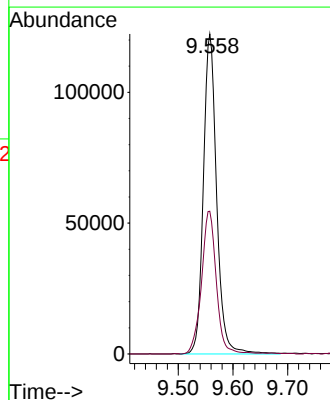
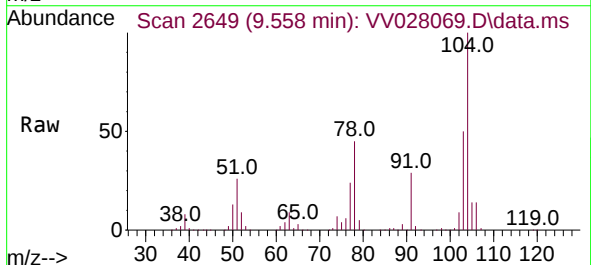
Instrument :
MSVOA_V
ClientSampleId :

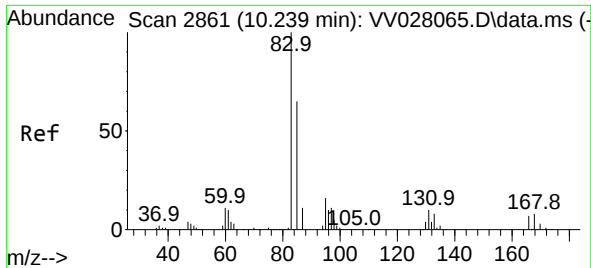
Tgt Ion:106 Resp: 114408
Ion Ratio Lower Upper
106 100
91 216.1 148.1 275.0



#55
Styrene
Concen: 5.343 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion:104 Resp: 205901
Ion Ratio Lower Upper
104 100
78 44.6 31.0 57.6

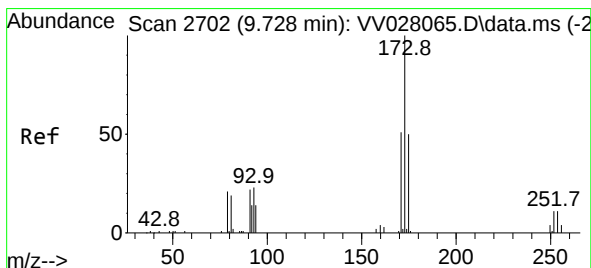
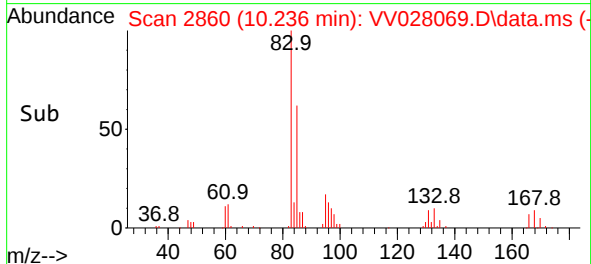
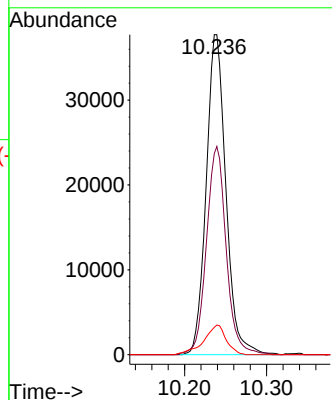
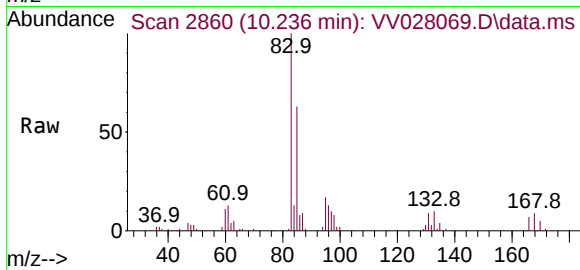




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.408 ug/L
 RT: 10.236 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: VV028069.D
 Acq: 22 Sep 2022 19:01

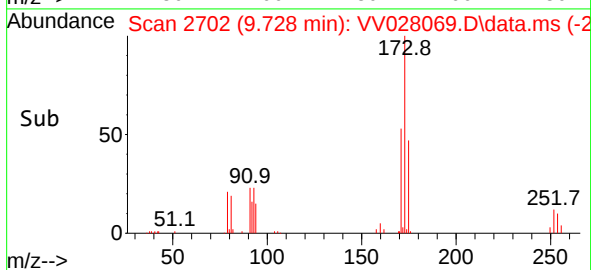
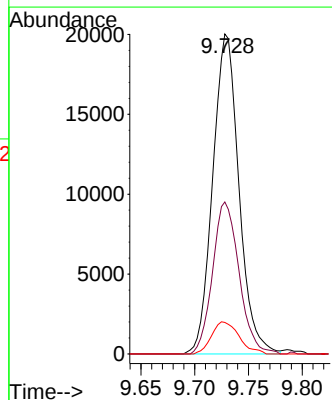
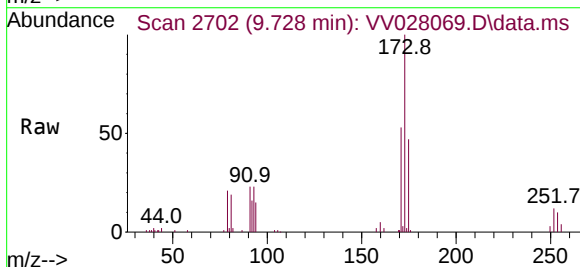
Instrument :
 MSVOA_V
 ClientSampleId :

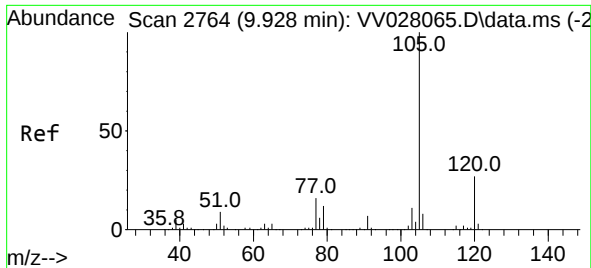
Tgt Ion: 83 Resp: 63059
 Ion Ratio Lower Upper
 83 100
 85 62.8 45.2 84.0
 131 8.6 7.8 11.8



#59
 Bromoform
 Concen: 5.322 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV028069.D
 Acq: 22 Sep 2022 19:01

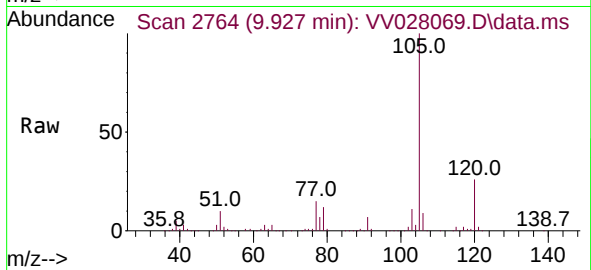
Tgt Ion: 173 Resp: 33922
 Ion Ratio Lower Upper
 173 100
 175 48.1 39.0 58.4
 254 10.6 8.7 13.1



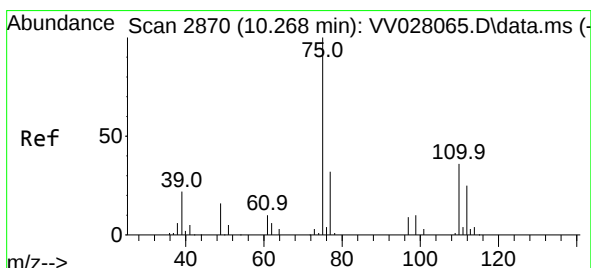
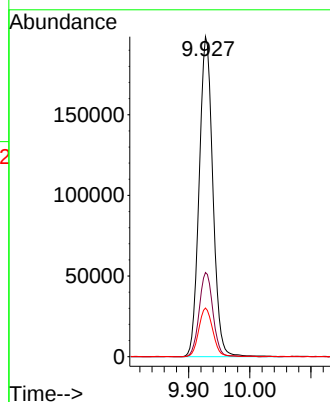
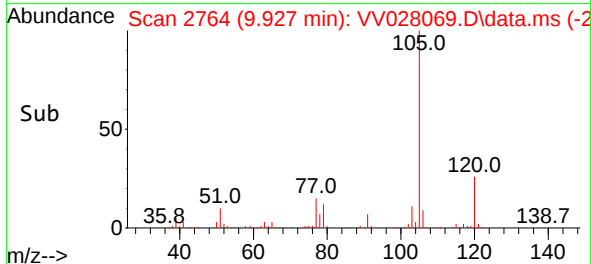


#60
Isopropylbenzene
Concen: 5.228 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

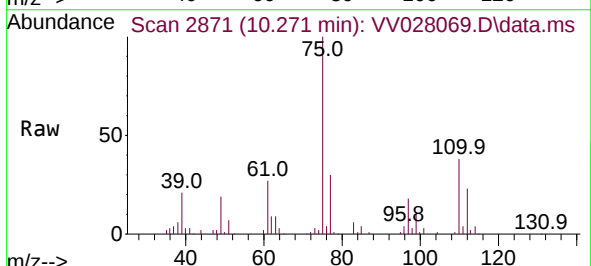
Instrument :
MSVOA_V
ClientSampleId :



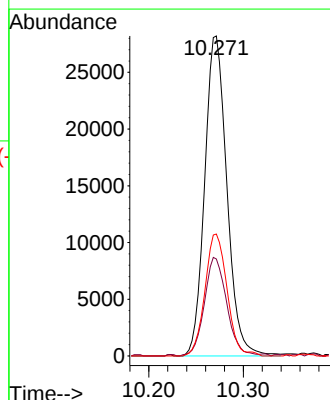
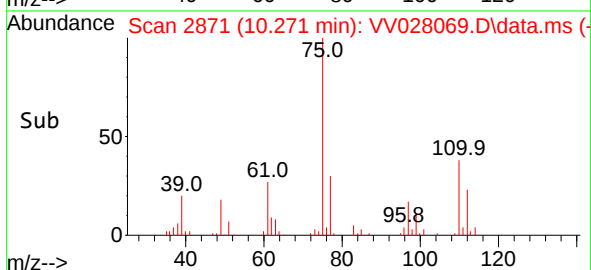
Tgt Ion:105 Resp: 308093
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 15.6 12.2 18.4

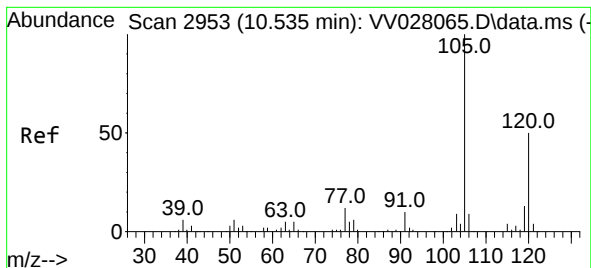


#61
1,2,3-Trichloropropane
Concen: 5.479 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01



Tgt Ion: 75 Resp: 46129
Ion Ratio Lower Upper
75 100
77 30.9 26.7 40.1
110 37.8 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.923 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

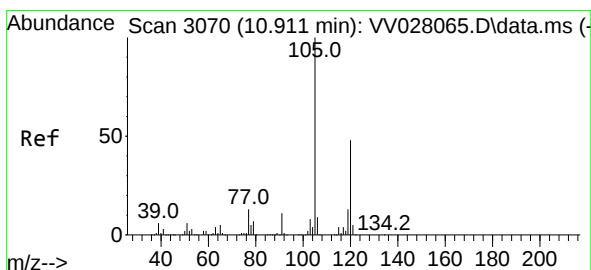
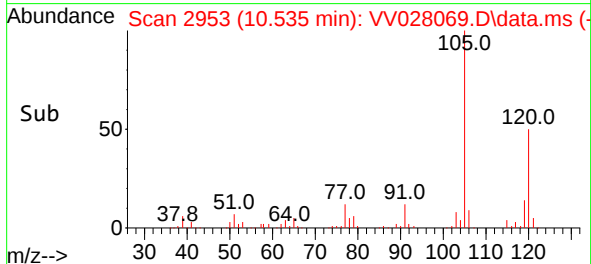
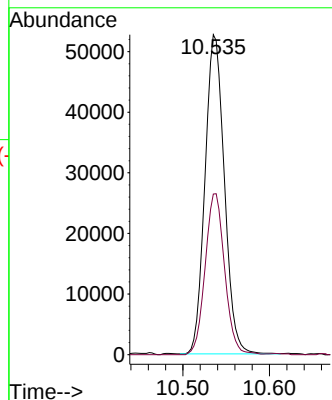
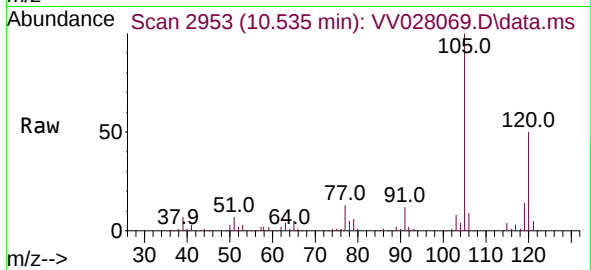
ClientSampleId :

Tgt Ion:105 Resp: 81713

Ion Ratio Lower Upper

105 100

120 50.8 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.014 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028069.D

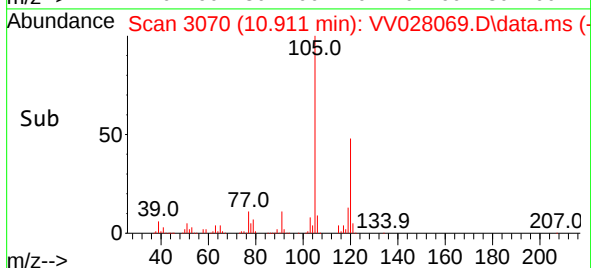
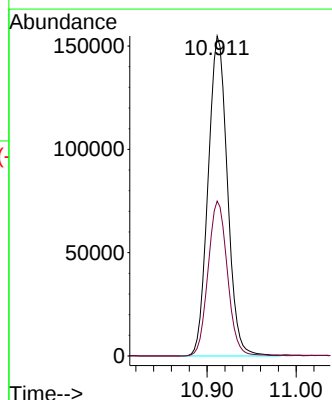
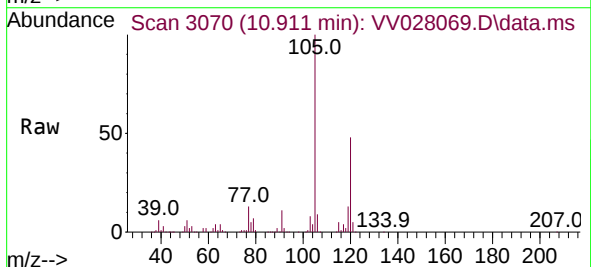
Acq: 22 Sep 2022 19:01

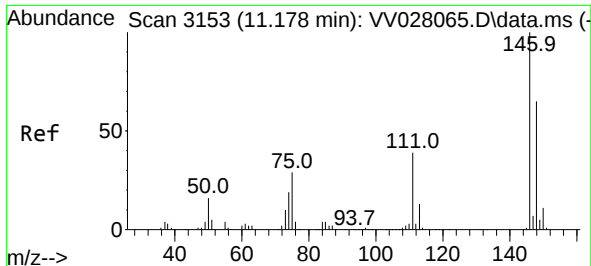
Tgt Ion:105 Resp: 232653

Ion Ratio Lower Upper

105 100

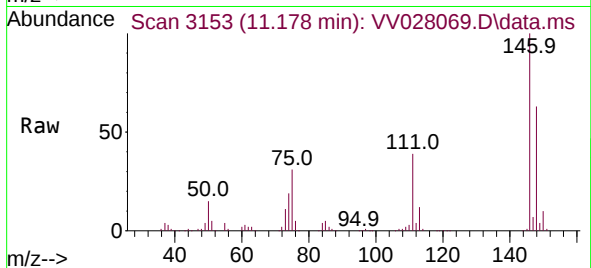
120 48.5 37.8 56.8



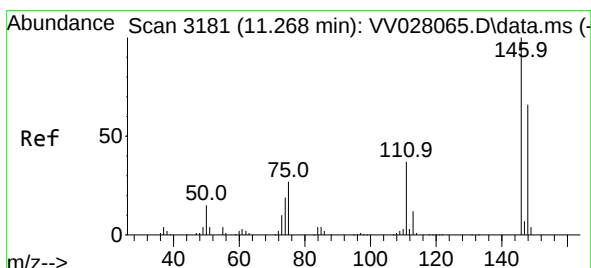
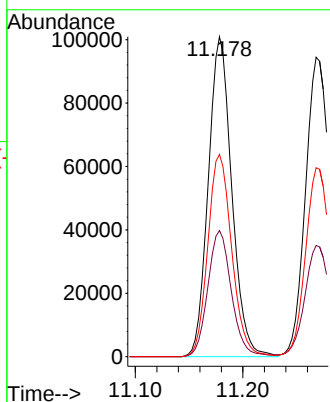
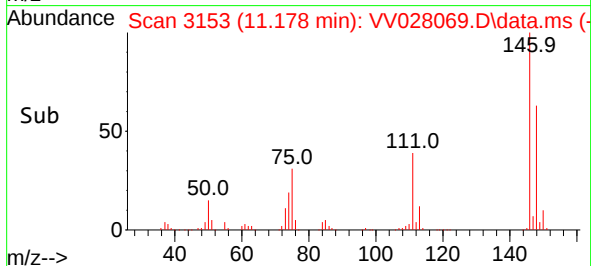


#64
1,3-Dichlorobenzene
Concen: 5.221 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

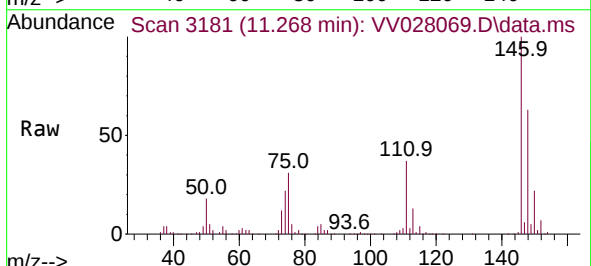
Instrument :
MSVOA_V
ClientSampleId :



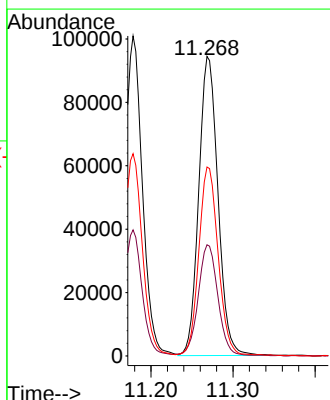
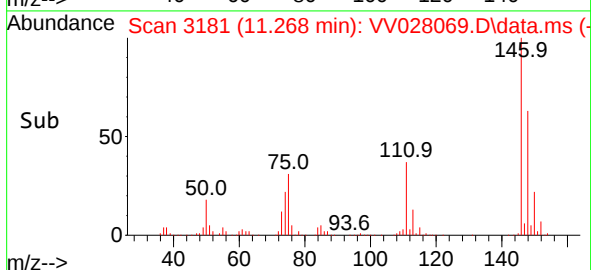
Tgt Ion:146 Resp: 153077
Ion Ratio Lower Upper
146 100
111 39.4 27.1 50.3
148 63.2 45.7 84.9

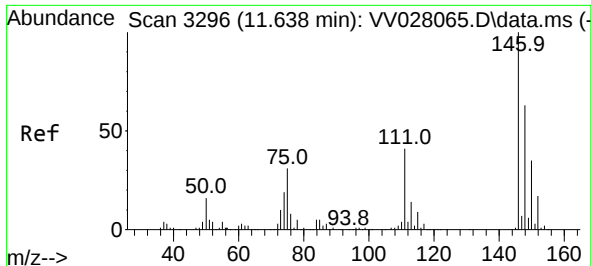


#65
1,4-Dichlorobenzene
Concen: 5.237 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01



Tgt Ion:146 Resp: 153629
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.8
148 63.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.170 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

Instrument :

MSVOA_V

ClientSampleId :

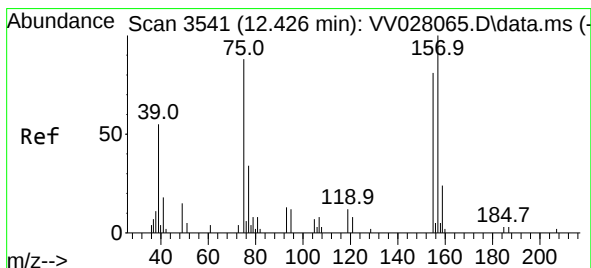
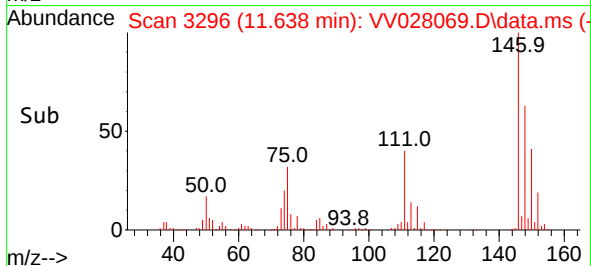
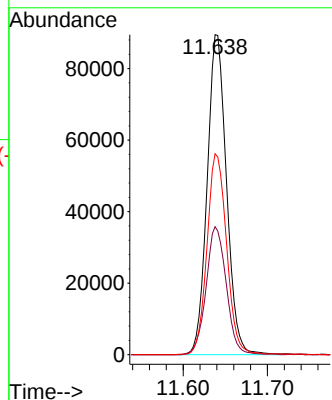
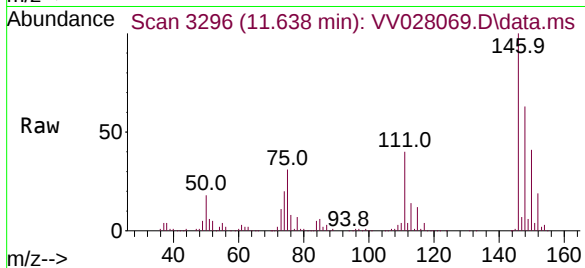
Tgt Ion:146 Resp: 143208

Ion Ratio Lower Upper

146 100

111 40.0 32.6 49.0

148 62.8 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.370 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV028069.D

Acq: 22 Sep 2022 19:01

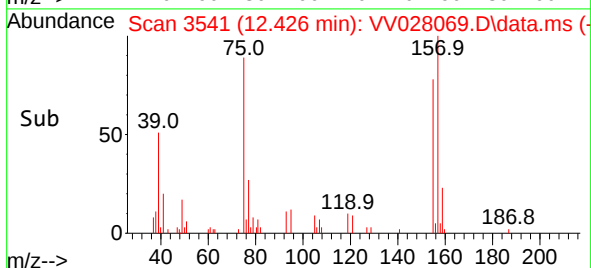
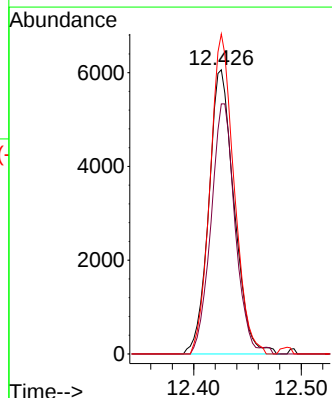
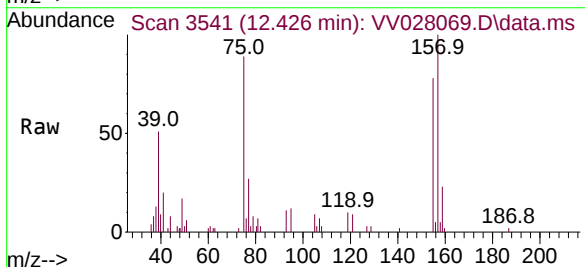
Tgt Ion: 75 Resp: 9911

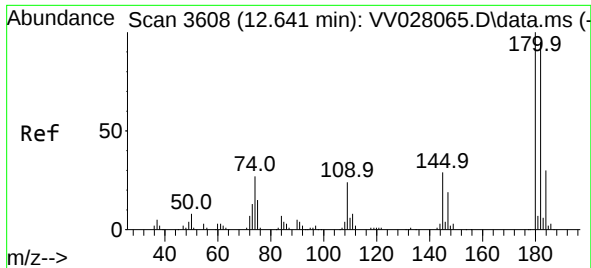
Ion Ratio Lower Upper

75 100

155 88.0 73.6 110.4

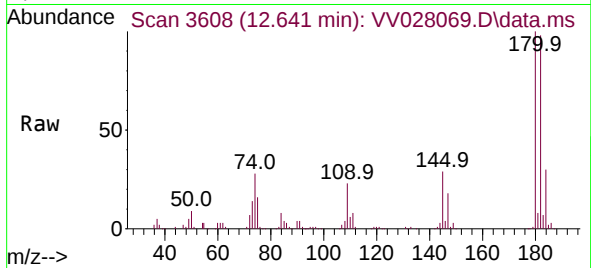
157 112.6 90.7 136.1



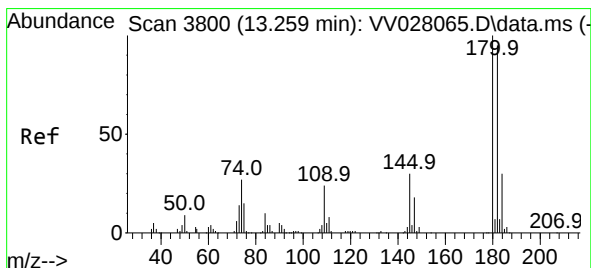
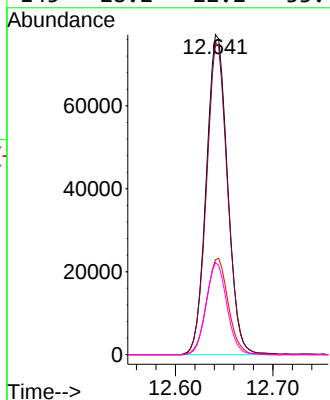


#69
1,3,5-Trichlorobenzene
Concen: 5.030 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

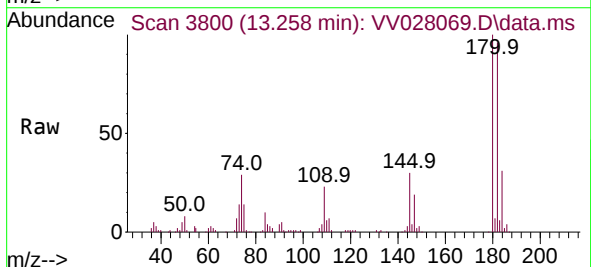
Instrument :
MSVOA_V
ClientSampleId :



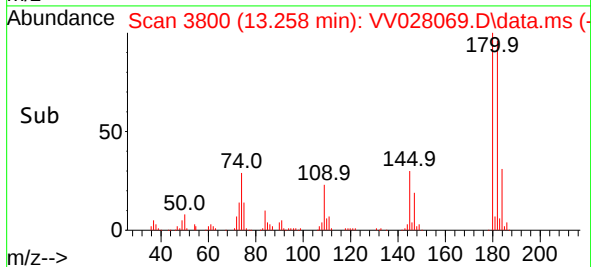
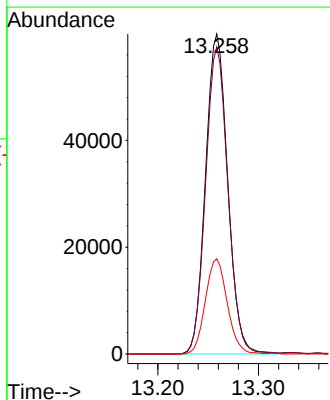
Tgt Ion:180 Resp: 116746
Ion Ratio Lower Upper
180 100
182 96.8 75.5 113.3
184 30.7 23.7 35.5
145 28.2 22.2 33.4

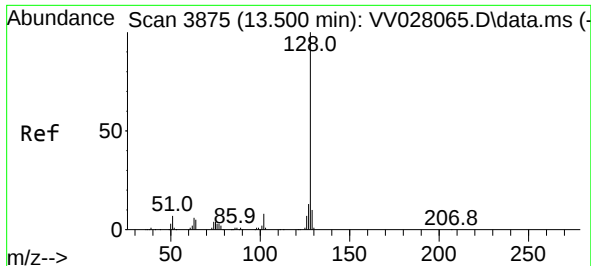


#70
1,2,4-trichlorobenzene
Concen: 4.940 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01



Tgt Ion:180 Resp: 91698
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 29.4 22.9 34.3

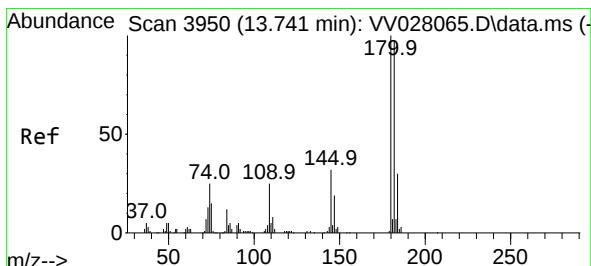
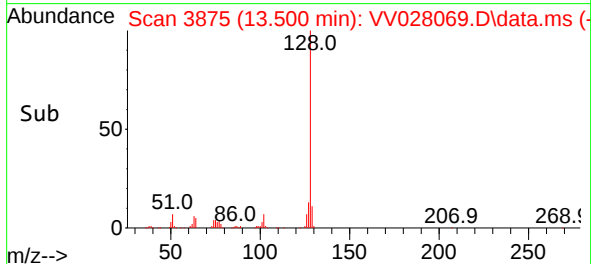
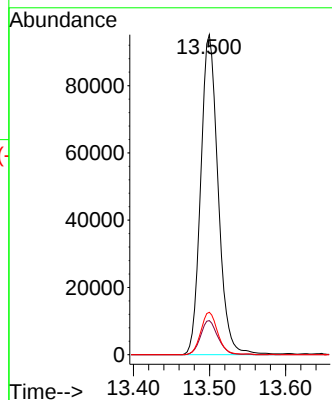
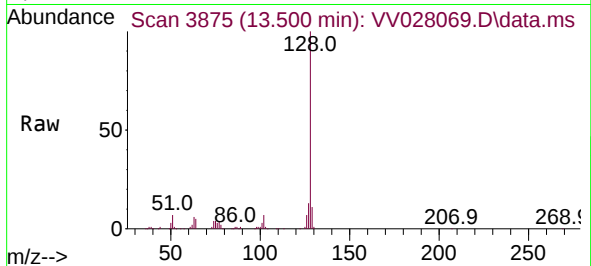




#71
Naphthalene
Concen: 4.961 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 150775
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.2
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.067 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028069.D
Acq: 22 Sep 2022 19:01

Tgt Ion:180 Resp: 85062
Ion Ratio Lower Upper
180 100
182 97.1 77.4 116.0
145 32.4 24.6 36.8

