

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092322\
 Data File : VW028096.D
 Acq On : 23 Sep 2022 12:12
 Operator : SY/MD
 Sample : N4652-11MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32MSD

Quant Time: Sep 24 01:26:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	199710	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	111719	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	104906	5.067	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.561	69	76235	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.101	63	168570	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.892	46	184556	52.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.600%
24) Chloroform-d	4.342	84	150669	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.027	65	72926	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.043	84	285558	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.063	67	87251	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.310	98	261925	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.619	79	33932	4.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.088	63	155297	50.949	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.900%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	66192	4.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	102688	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	69656	4.670	ug/L	92
3) Chloromethane	1.236	50	71948	3.642	ug/L	96
5) Vinyl chloride	1.304	62	2139348	138.142	ug/L	100
6) Bromomethane	1.516	94	47660	4.726	ug/L	98
8) Chloroethane	1.577	64	822535	79.204	ug/L	99
9) Trichlorofluoromethane	1.748	101	121375	4.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	68416	4.828	ug/L	99
12) 1,1-Dichloroethene	2.111	96	101008	7.318	ug/L #	77
13) Acetone	2.201	43	108013	40.118	ug/L	96
14) Carbon disulfide	2.285	76	122695	4.633	ug/L	99
15) Methyl Acetate	2.436	43	22626	4.329	ug/L #	90
16) Methylene chloride	2.500	84	70535	4.578	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	146809	4.945	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	111289	9.211	ug/L	94
19) 1,1-Dichloroethane	3.182	63	6999853	265.589	ug/L	99
21) 2-Butanone	3.989	43	145514	43.655	ug/L #	68
22) cis-1,2-Dichloroethene	3.899	96	3108967	196.111	ug/L	99
23) Bromochloromethane	4.239	128	30569	4.816	ug/L	90
25) Chloroform	4.368	83	135027	4.774	ug/L	98

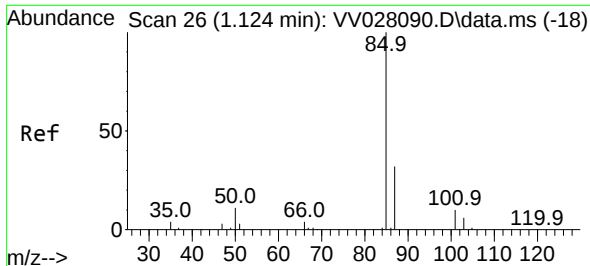
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092322\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	95343	6.322	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	706199	29.060	ug/L	99
30) Cyclohexane	4.667	56	85137	4.844	ug/L	96
31) Carbon tetrachloride	4.818	117	98559	4.928	ug/L	98
33) Benzene	5.092	78	285601	5.200	ug/L	100
34) Trichloroethene	5.908	95	95938	7.017	ug/L	93
35) Methylcyclohexane	6.124	83	94993	5.067	ug/L	98
37) 1,2-Dichloropropane	6.169	63	67166	4.362	ug/L #	97
38) Bromodichloromethane	6.506	83	91713	4.825	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	93082	4.867	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	371461	49.681	ug/L	98
42) Toluene	7.384	91	307700	5.371	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	79048	4.806	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	50993	4.941	ug/L	99
47) Tetrachloroethene	7.972	164	64365	5.898	ug/L	93
48) 2-Hexanone	8.136	43	272833	48.067	ug/L	97
49) Dibromochloromethane	8.243	129	59805	4.819	ug/L	98
50) 1,2-Dibromoethane	8.349	107	43569	4.858	ug/L	94
51) Chlorobenzene	8.879	112	190072	4.946	ug/L	99
52) Ethylbenzene	9.008	91	298874	4.931	ug/L	97
53) m,p-Xylene	9.136	106	118593	5.106	ug/L	92
54) o-Xylene	9.541	106	116226	5.067	ug/L	100
55) Styrene	9.558	104	201183	5.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	58677	4.879	ug/L	99
59) Bromoform	9.728	173	34326	4.839	ug/L	99
60) Isopropylbenzene	9.927	105	375970	5.733	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	43456	4.638	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	85007	4.602	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	261957	5.074	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	162005	4.965	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	163102	4.996	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	172652	5.601	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9397	4.575	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	128970	4.994	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	107075	5.184	ug/L	99
71) Naphthalene	13.496	128	170050	5.027	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	96324	5.156	ug/L	99

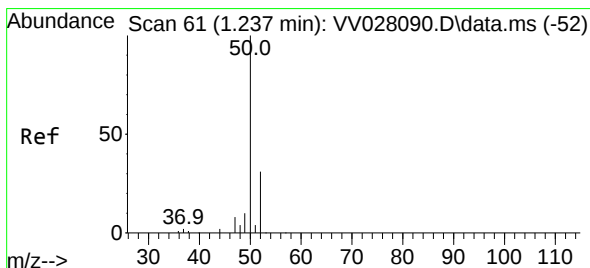
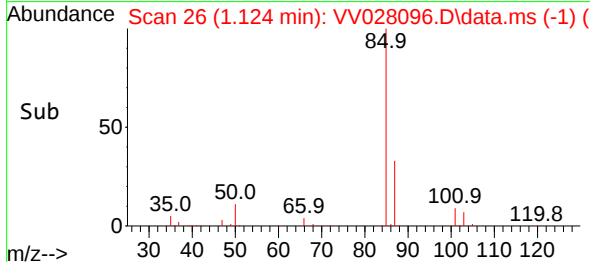
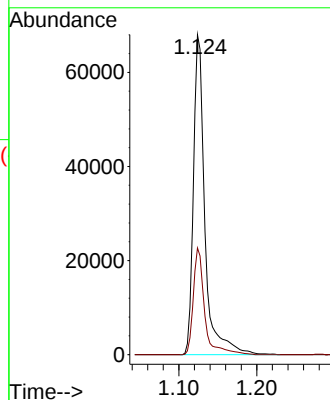
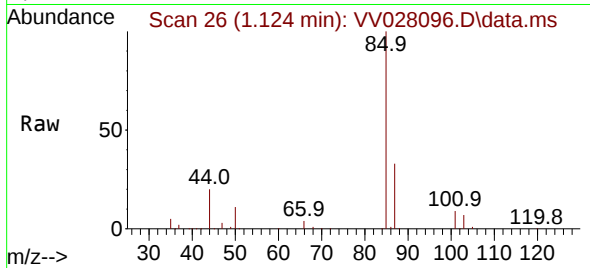
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#2
 Dichlorodifluoromethane
 Concen: 4.670 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028096.D
 Acq: 23 Sep 2022 12:12

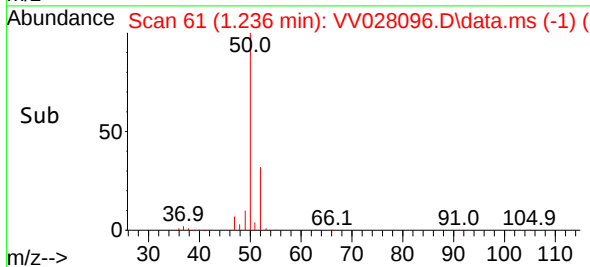
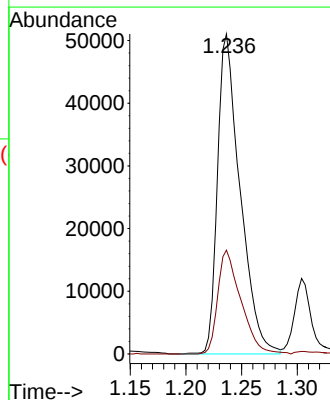
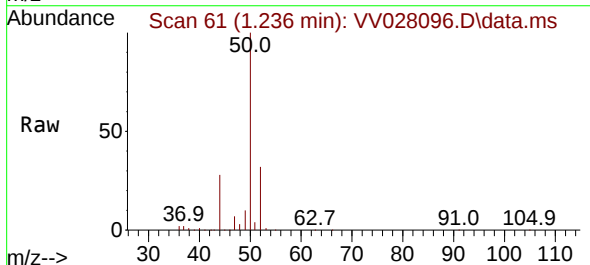
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32MSD

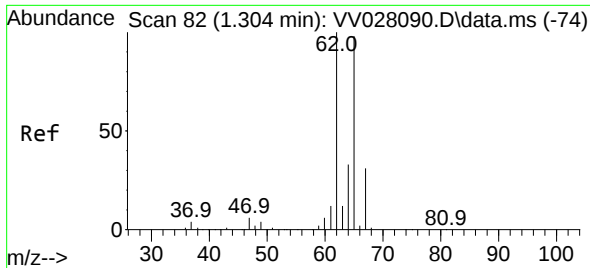
Tgt Ion: 85 Resp: 69656
 Ion Ratio Lower Upper
 85 100
 87 33.0 22.8 34.2



#3
 Chloromethane
 Concen: 3.642 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028096.D
 Acq: 23 Sep 2022 12:12

Tgt Ion: 50 Resp: 71948
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.4 45.2

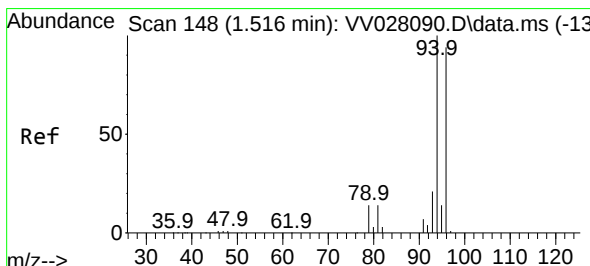
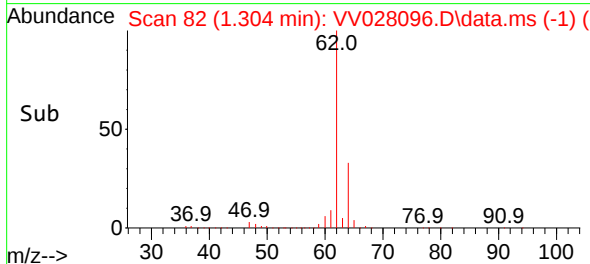
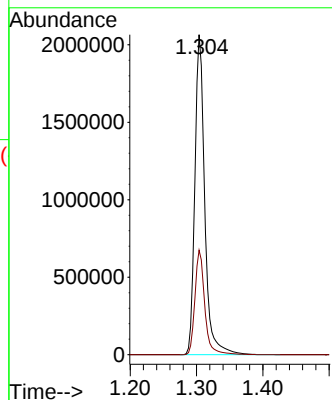
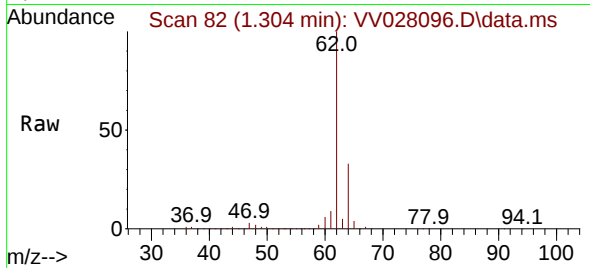




#5
 Vinyl chloride
 Concen: 138.142 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028096.D
 Acq: 23 Sep 2022 12:12

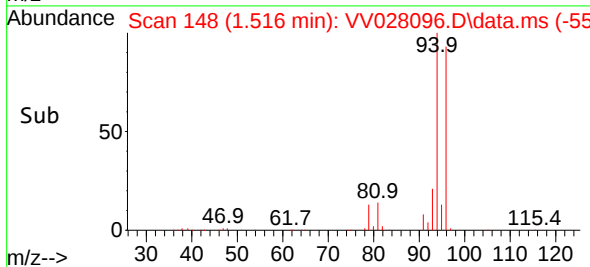
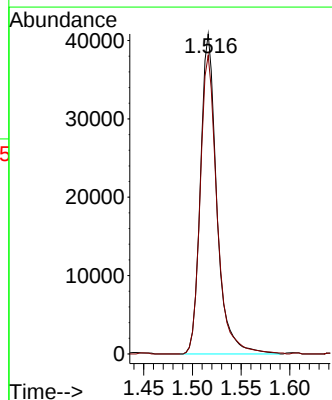
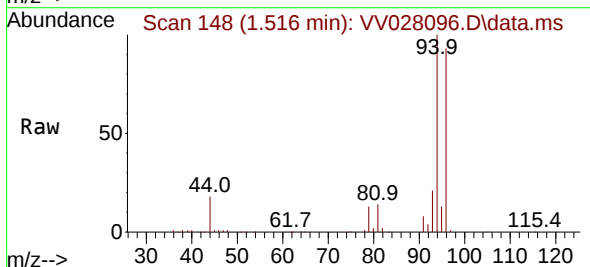
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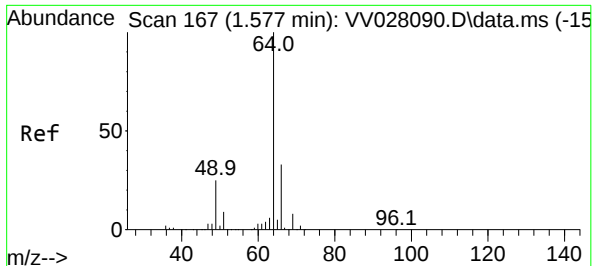
Tgt Ion: 62 Resp: 2139348
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.8



#6
 Bromomethane
 Concen: 4.726 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028096.D
 Acq: 23 Sep 2022 12:12

Tgt Ion: 94 Resp: 47660
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.7 123.9

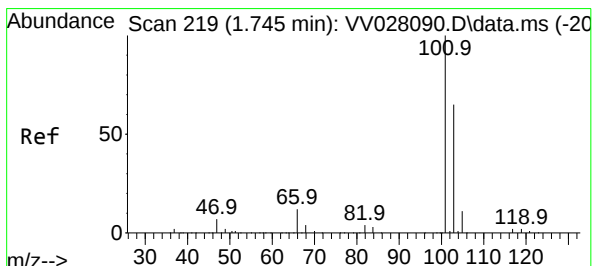
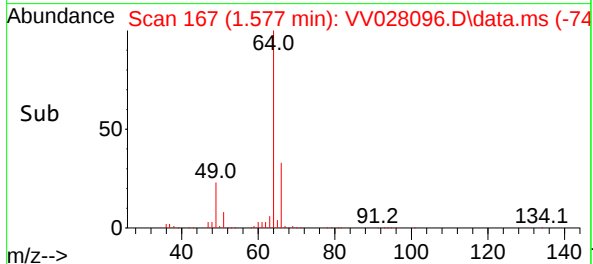
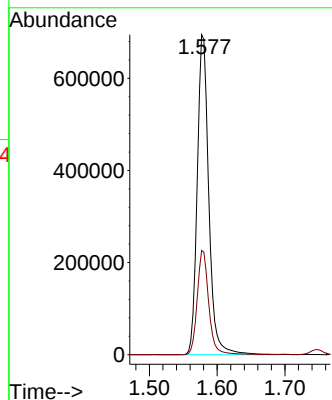
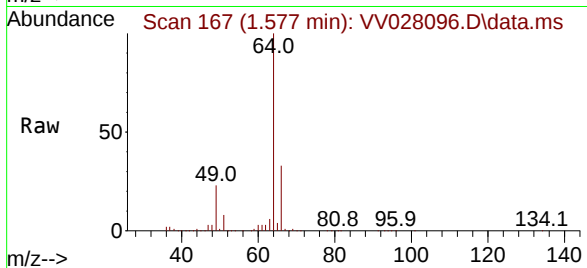




#8
Chloroethane
Concen: 79.204 ug/L
RT: 1.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

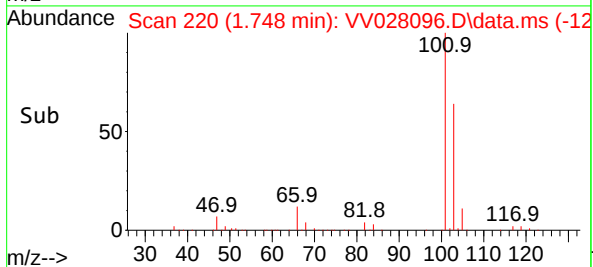
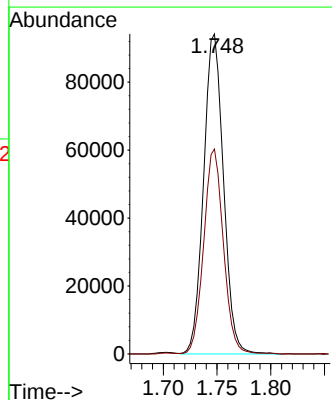
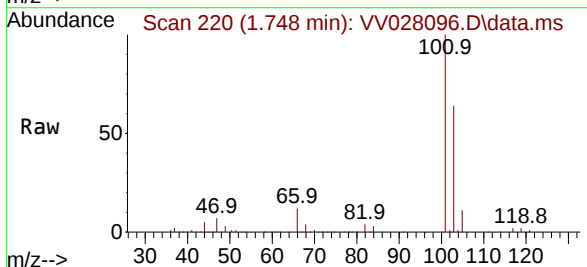
Instrument :
MSVOA_V
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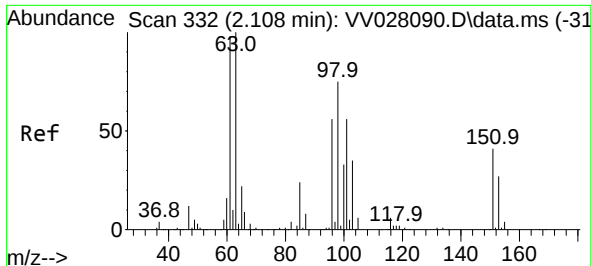
Tgt Ion: 64 Resp: 822535
Ion Ratio Lower Upper
64 100
66 32.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.936 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion:101 Resp: 121375
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0





#10

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

Concen: 4.828 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MSD

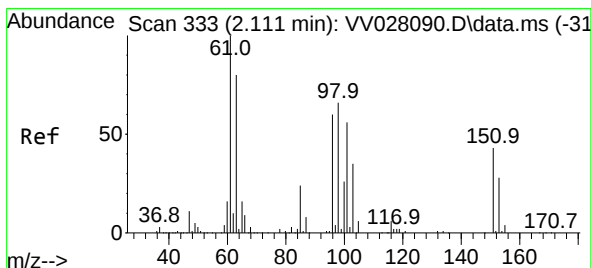
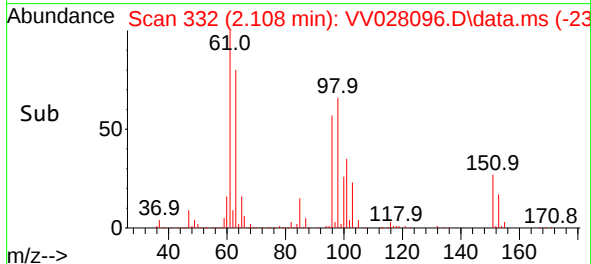
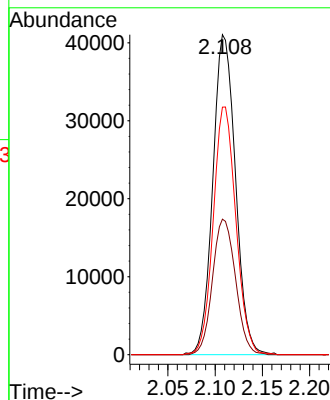
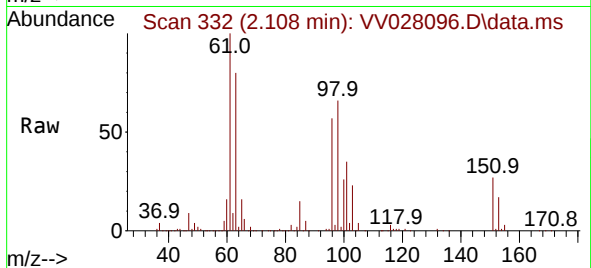
Tgt Ion:101 Resp: 68416

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

151 77.5 61.1 91.7



#12

1,1-Dichloroethene

Concen: 7.318 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

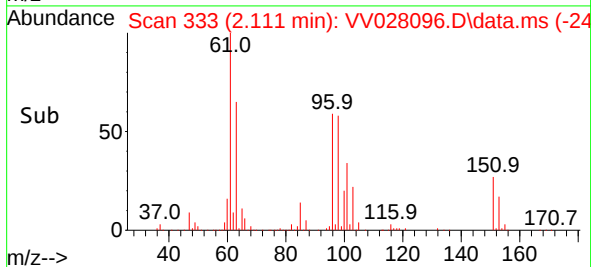
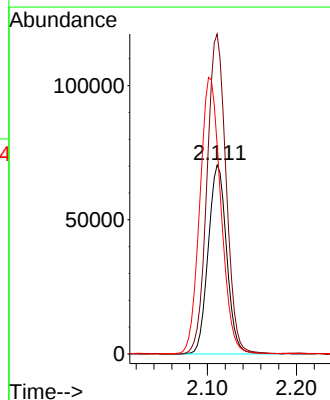
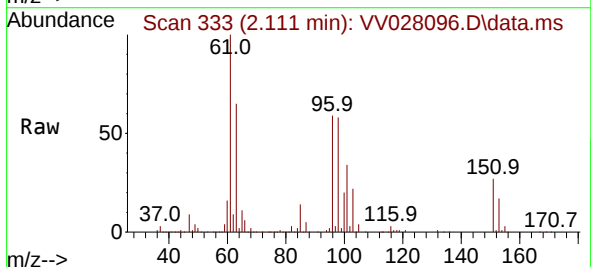
Tgt Ion: 96 Resp: 101008

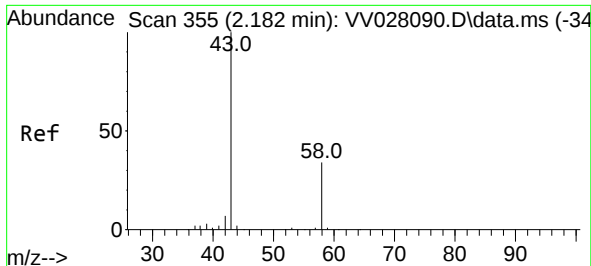
Ion Ratio Lower Upper

96 100

61 169.4 128.3 238.3

63 110.5 112.7 209.3#





#13

Acetone

Concen: 40.118 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.019 min

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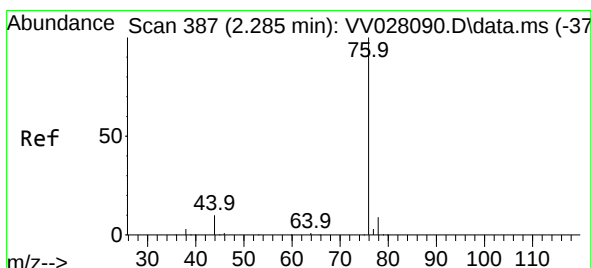
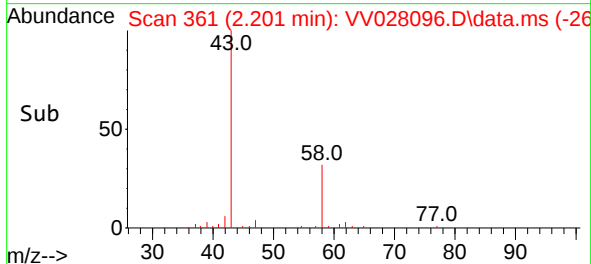
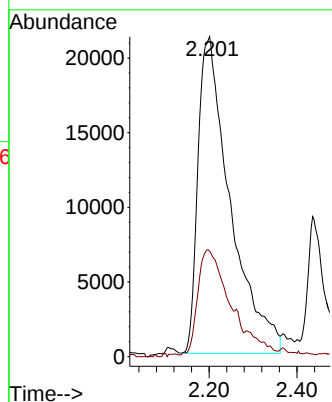
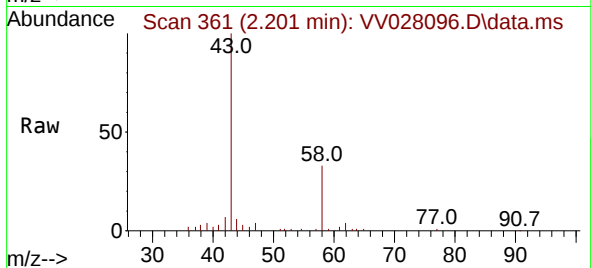
EXZ32MSD

Tgt Ion: 43 Resp: 108013

Ion Ratio Lower Upper

43 100

58 30.3 0.0 65.6



#14

Carbon disulfide

Concen: 4.633 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028096.D

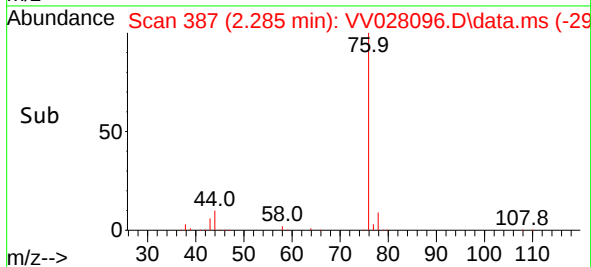
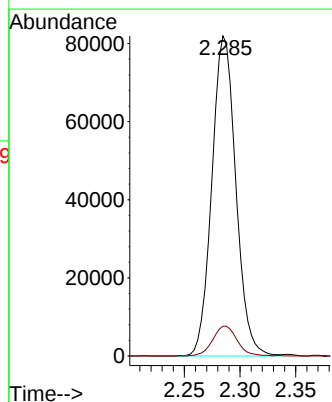
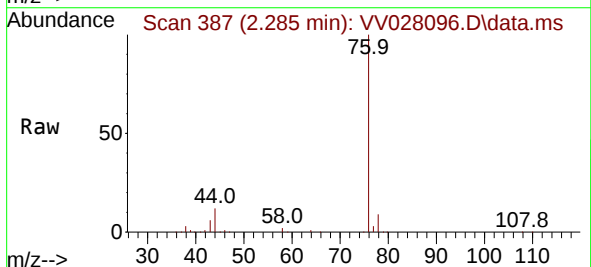
Acq: 23 Sep 2022 12:12

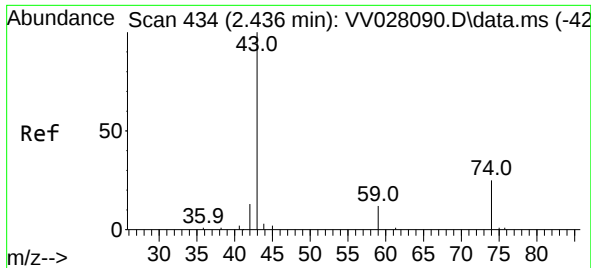
Tgt Ion: 76 Resp: 122695

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

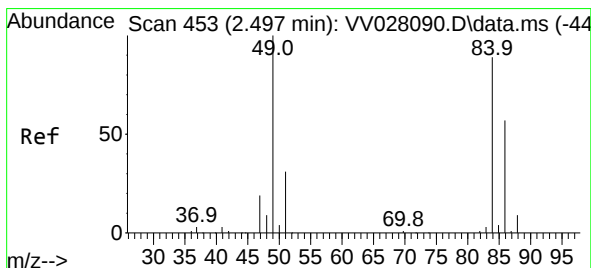
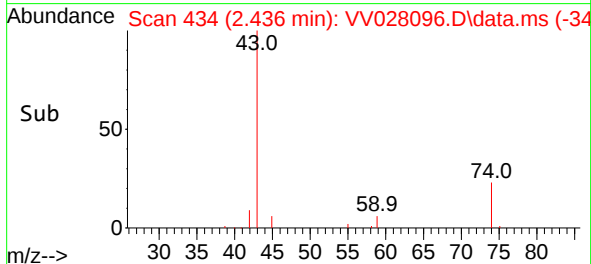
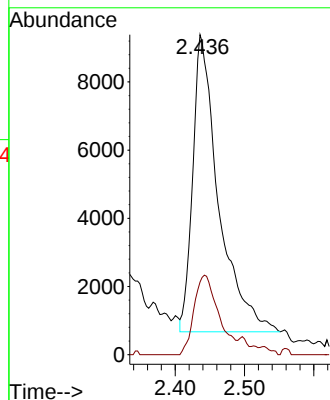
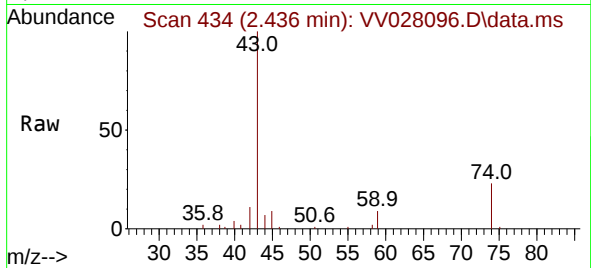




#15
Methyl Acetate
Concen: 4.329 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

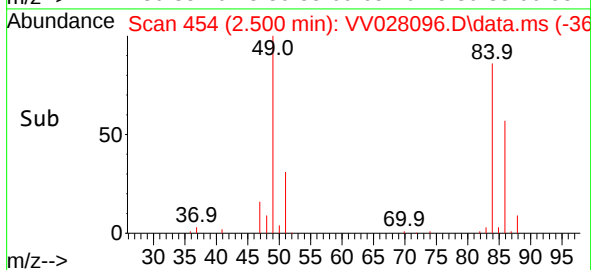
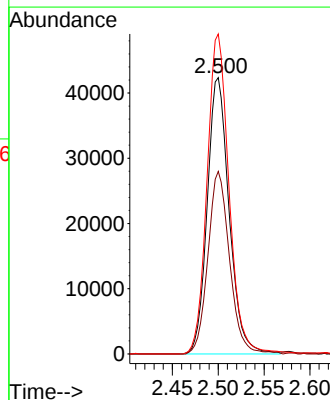
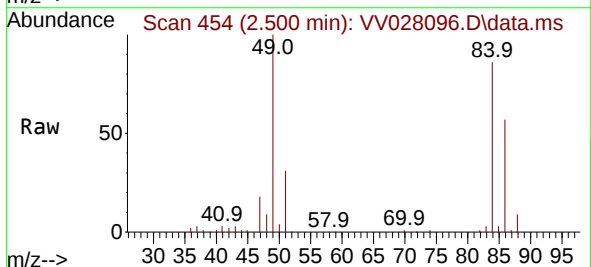
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

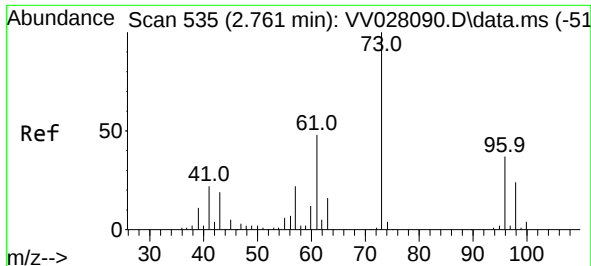
Tgt Ion: 43 Resp: 22626
Ion Ratio Lower Upper
43 100
74 25.6 16.9 25.3#



#16
Methylene chloride
Concen: 4.578 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion: 84 Resp: 70535
Ion Ratio Lower Upper
84 100
86 66.1 46.8 86.8
49 115.8 87.5 162.5

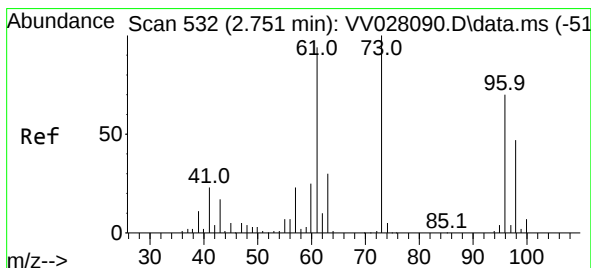
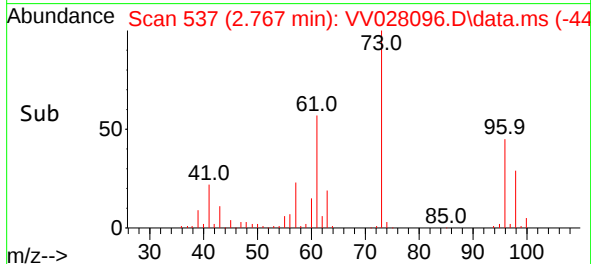
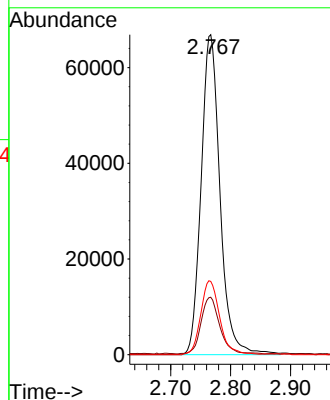
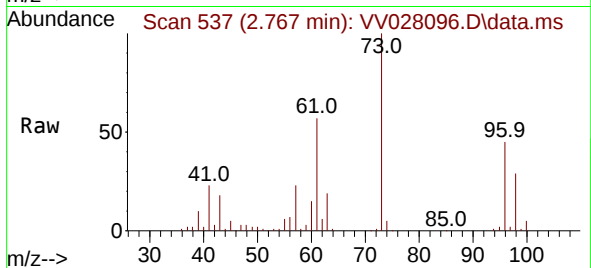




#17
Methyl tert-butyl Ether
Concen: 4.945 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

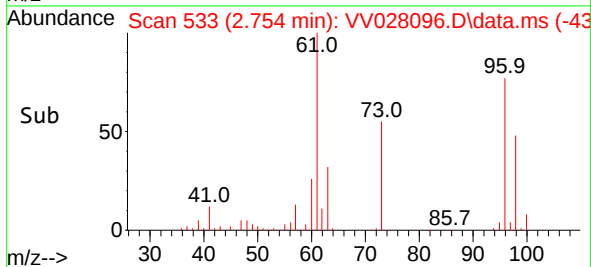
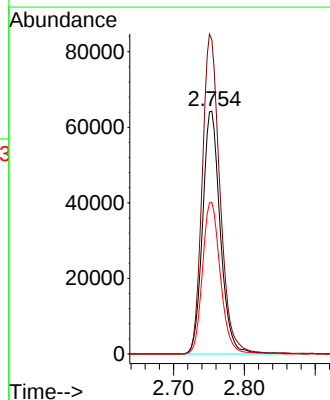
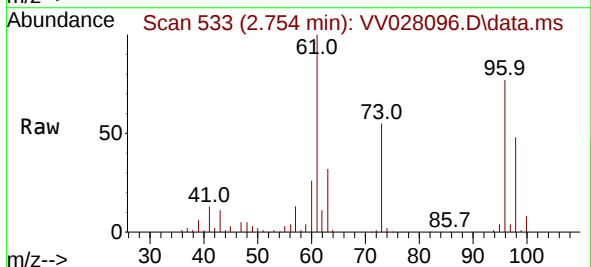
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

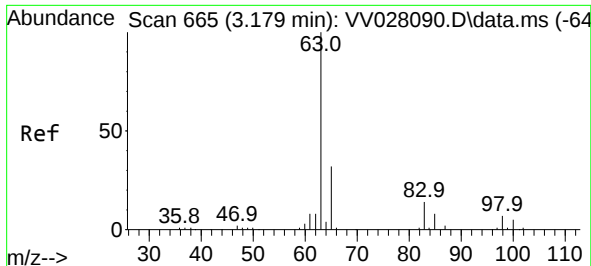
Tgt Ion: 73 Resp: 146809
Ion Ratio Lower Upper
73 100
43 17.3 15.7 23.5
57 23.2 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 9.211 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion: 96 Resp: 111289
Ion Ratio Lower Upper
96 100
61 129.3 96.2 178.6
98 62.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 265.589 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MSD

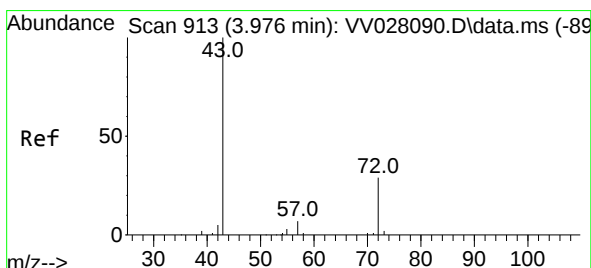
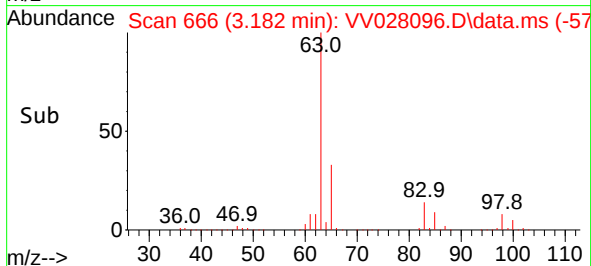
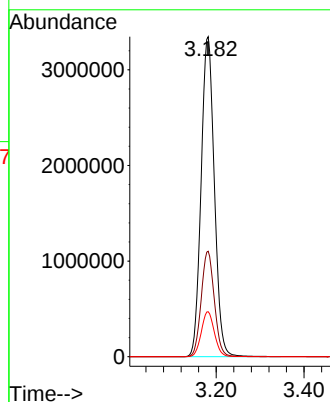
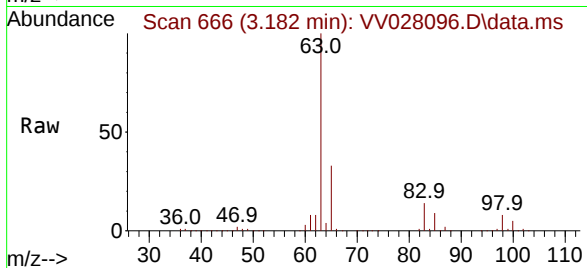
Tgt Ion: 63 Resp: 6999853

Ion Ratio Lower Upper

63 100

65 32.9 23.0 42.8

83 14.0 9.2 17.2



#21

2-Butanone

Concen: 43.655 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.013 min

Lab File: VV028096.D

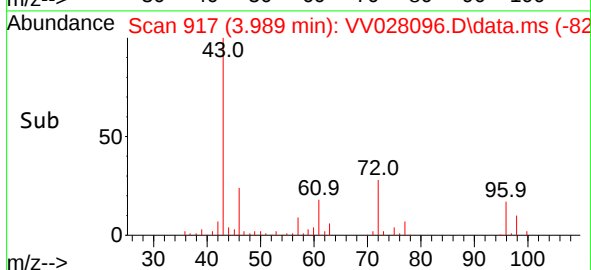
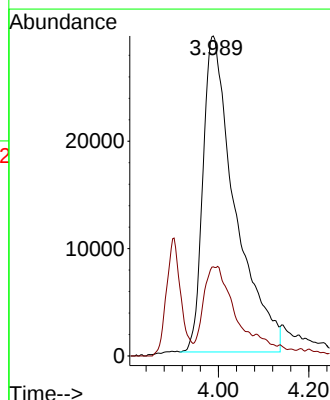
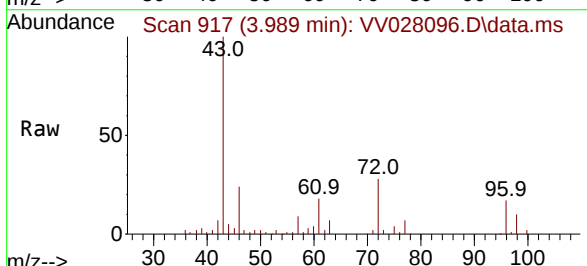
Acq: 23 Sep 2022 12:12

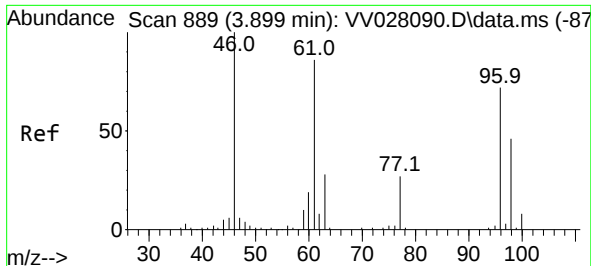
Tgt Ion: 43 Resp: 145514

Ion Ratio Lower Upper

43 100

72 9.2 12.7 38.1#

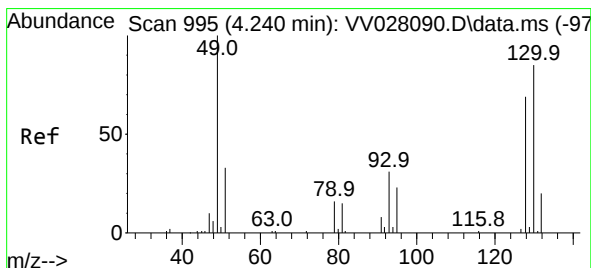
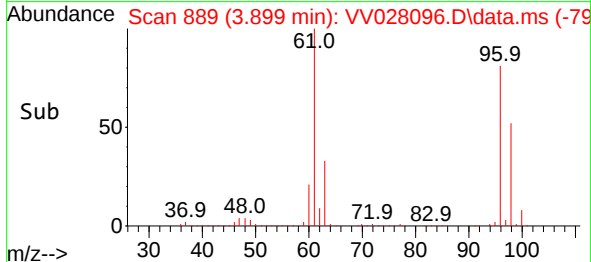
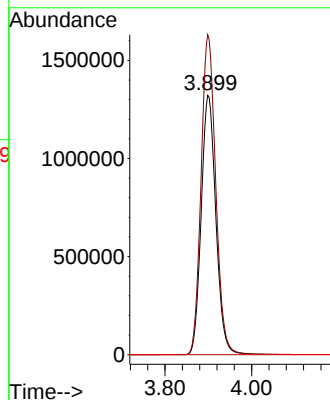
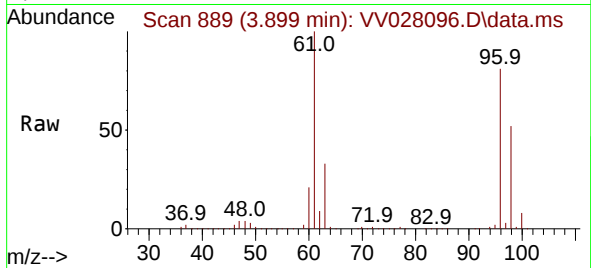




#22
cis-1,2-Dichloroethene
Concen: 196.111 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

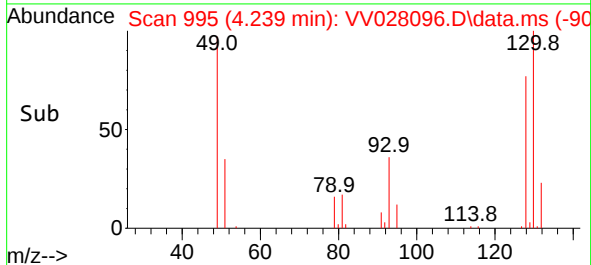
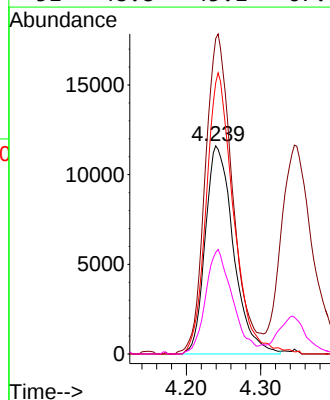
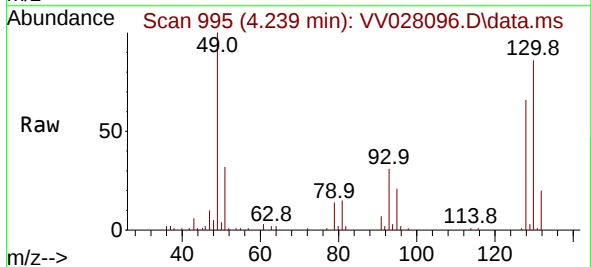
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

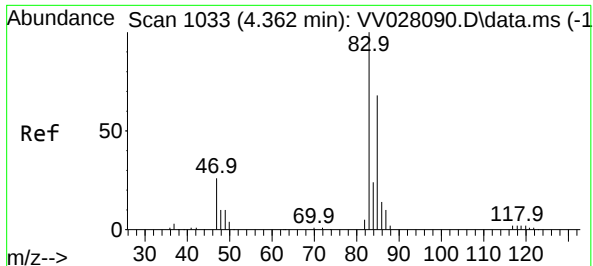
Tgt Ion: 96 Resp: 3108967
Ion Ratio Lower Upper
96 100
61 123.3 87.2 161.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.816 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion:128 Resp: 30569
Ion Ratio Lower Upper
128 100
49 151.5 119.9 222.7
130 130.3 94.6 175.8
51 48.8 45.1 67.7





#25

Chloroform

Concen: 4.774 ug/L

RT: 4.368 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

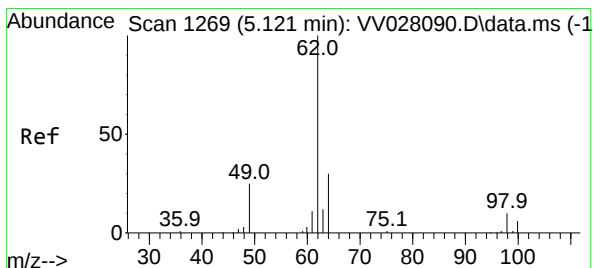
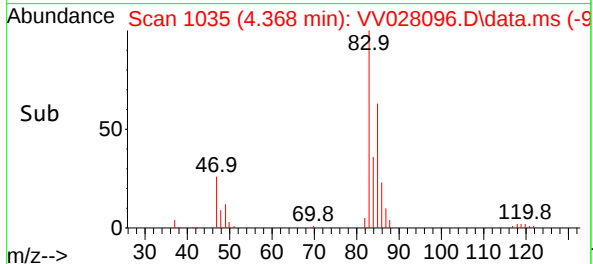
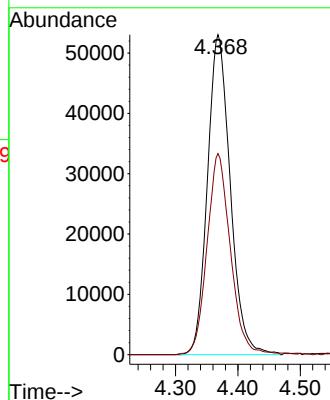
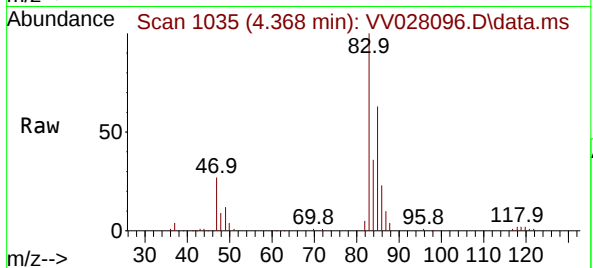
EXZ32MSD

Tgt Ion: 83 Resp: 135027

Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 6.322 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VV028096.D

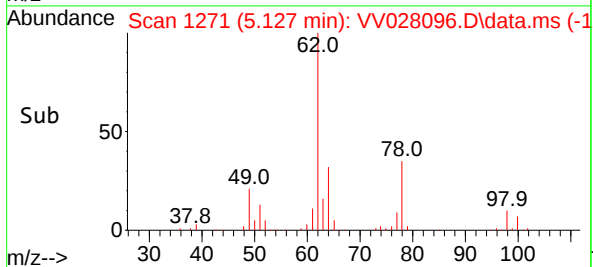
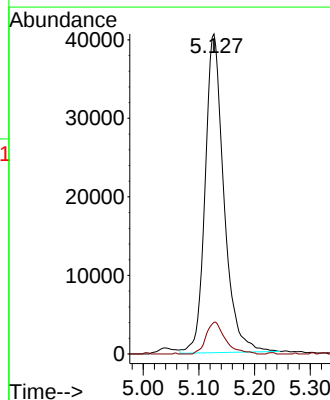
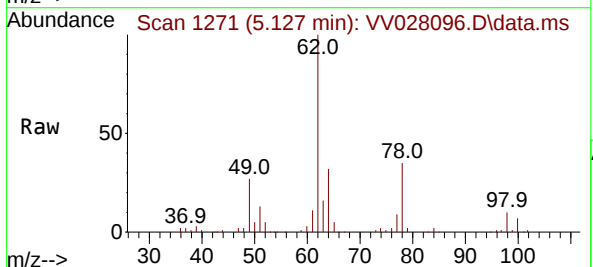
Acq: 23 Sep 2022 12:12

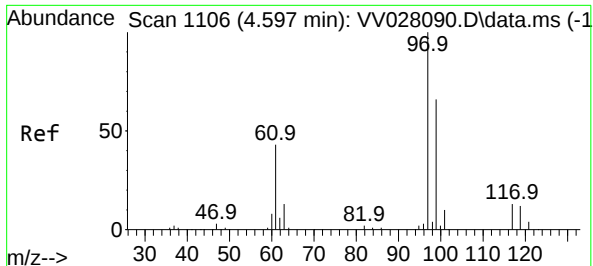
Tgt Ion: 62 Resp: 95343

Ion Ratio Lower Upper

62 100

98 9.9 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 29.060 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MSD

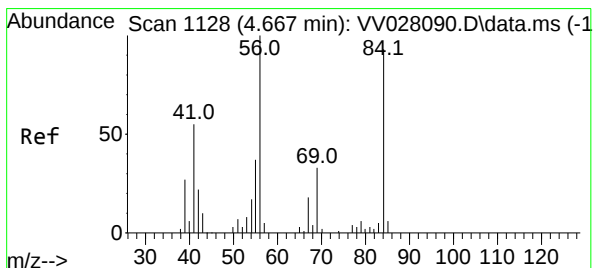
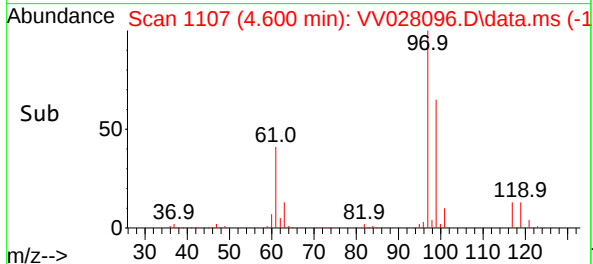
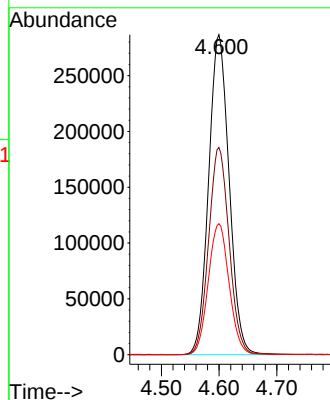
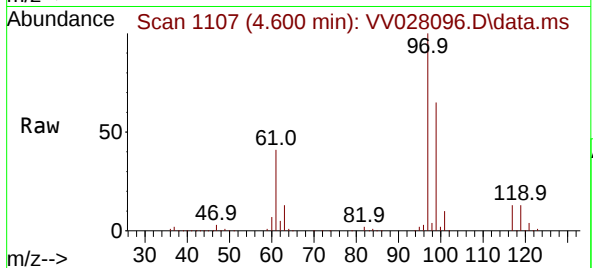
Tgt Ion: 97 Resp: 706199

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 41.6 34.8 52.2



#30

Cyclohexane

Concen: 4.844 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

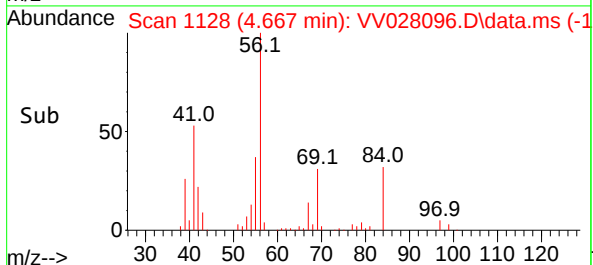
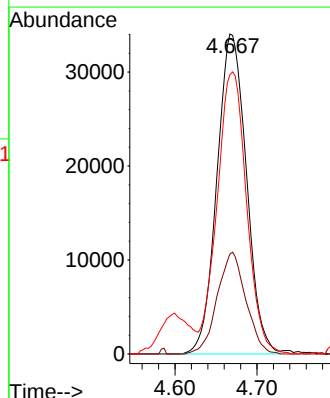
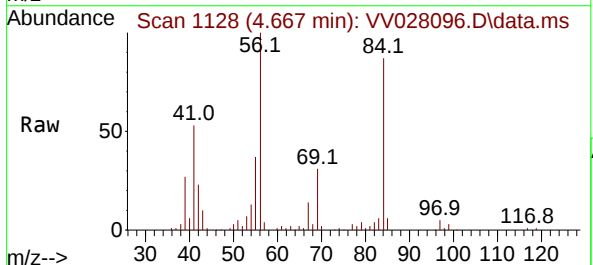
Tgt Ion: 56 Resp: 85137

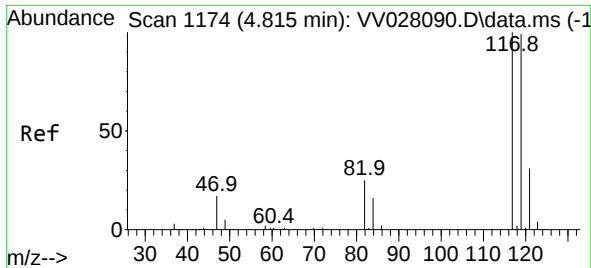
Ion Ratio Lower Upper

56 100

69 30.9 23.7 35.5

84 88.0 67.3 100.9

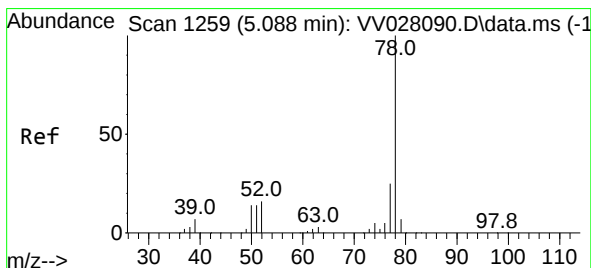
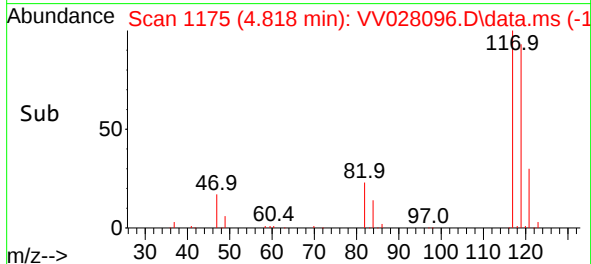
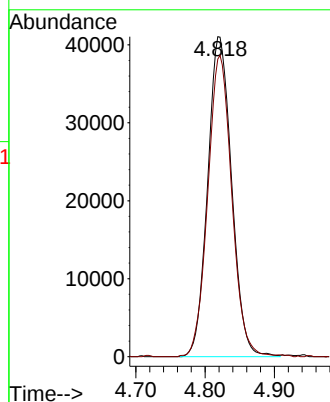
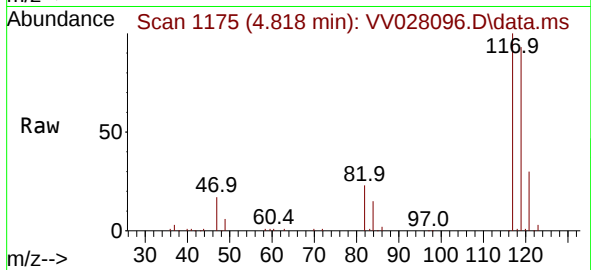




#31
Carbon tetrachloride
Concen: 4.928 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

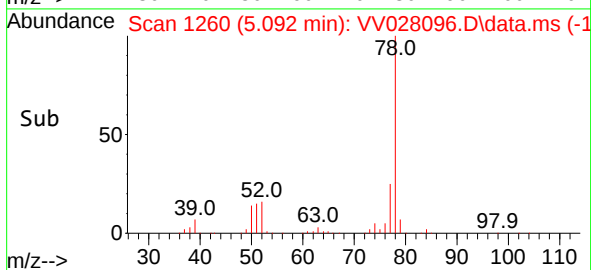
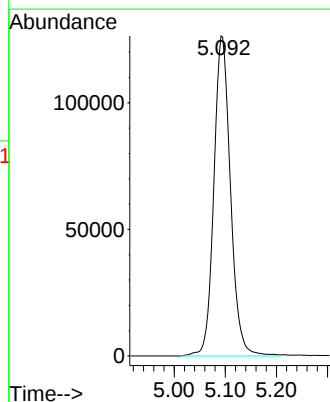
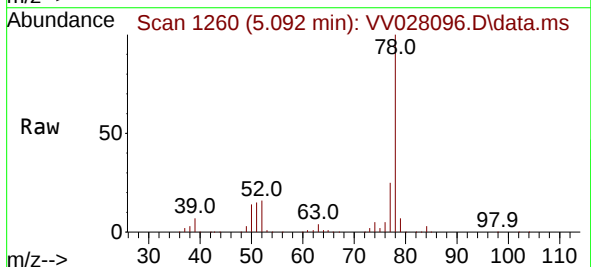
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

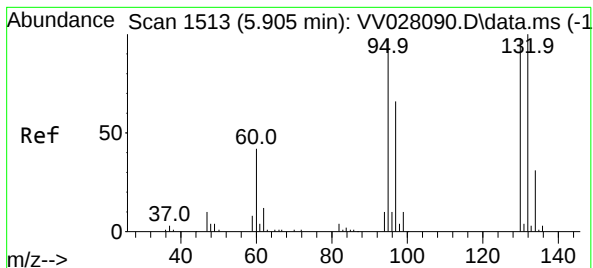
Tgt Ion:117 Resp: 98559
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3



#33
Benzene
Concen: 5.200 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion: 78 Resp: 285601





#34

Trichloroethene

Concen: 7.017 ug/L

RT: 5.908 min Scan# 1513

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MSD

Tgt Ion: 95 Resp: 95938

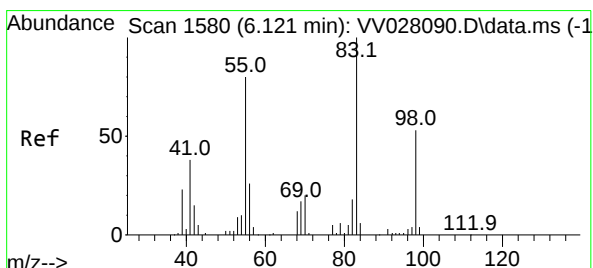
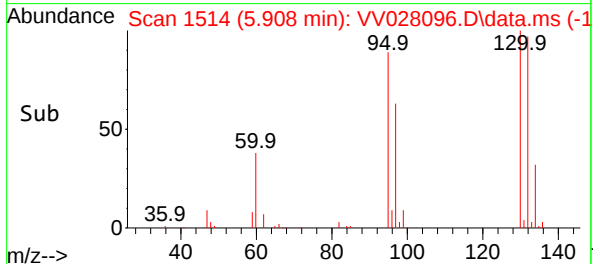
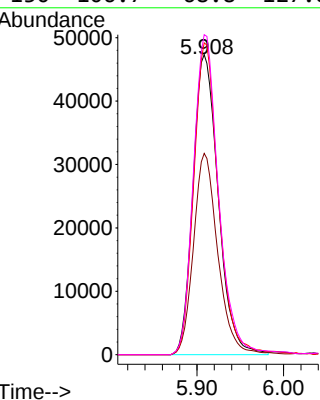
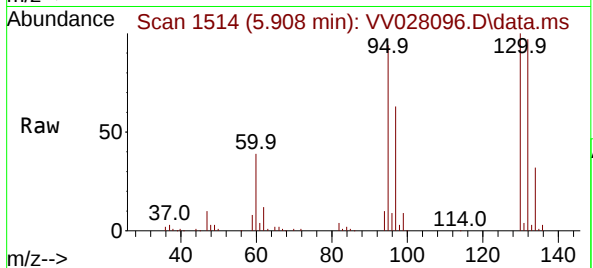
Ion Ratio Lower Upper

95 100

97 67.1 44.2 82.0

132 104.0 67.8 126.0

130 106.7 68.8 127.8



#35

Methylcyclohexane

Concen: 5.067 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

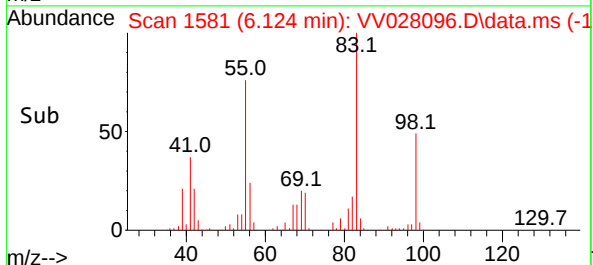
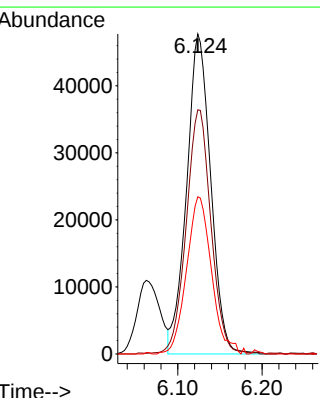
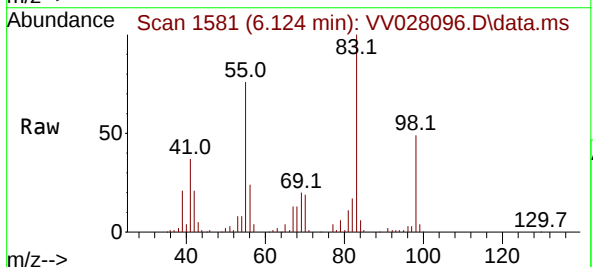
Tgt Ion: 83 Resp: 94993

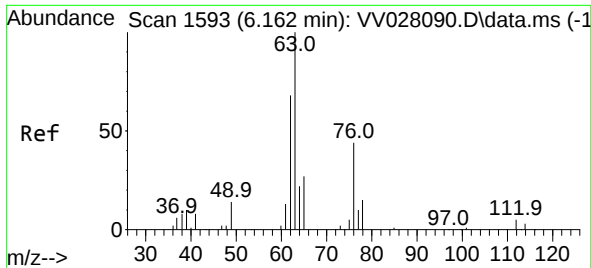
Ion Ratio Lower Upper

83 100

55 78.4 64.7 97.1

98 50.7 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.362 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

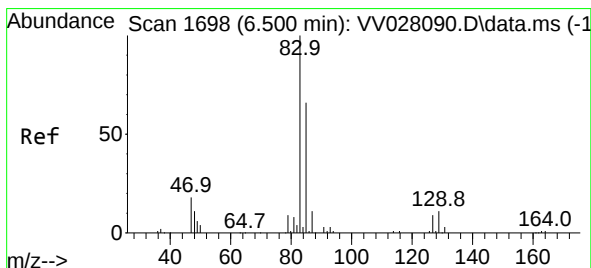
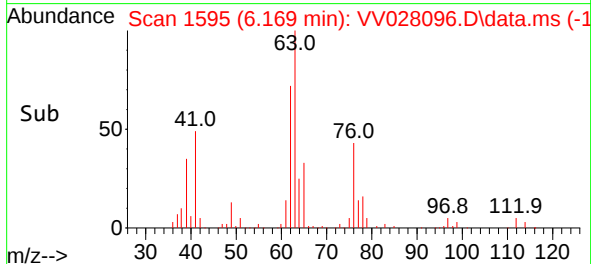
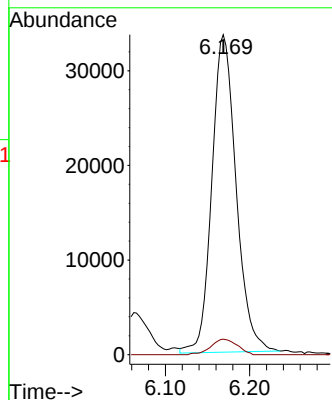
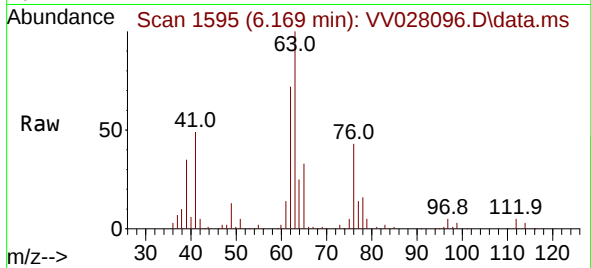
EXZ32MSD

Tgt Ion: 63 Resp: 67166

Ion Ratio Lower Upper

63 100

112 5.3 3.5 5.3#



#38

Bromodichloromethane

Concen: 4.825 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

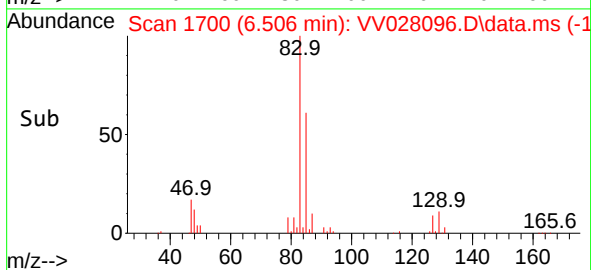
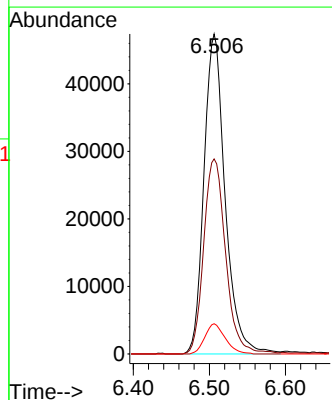
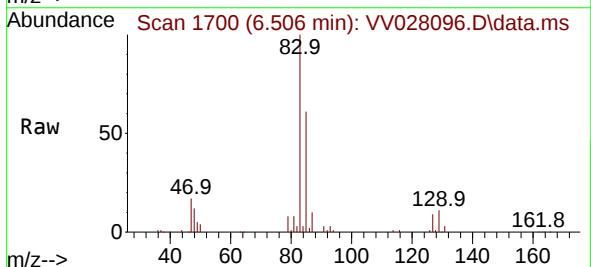
Tgt Ion: 83 Resp: 91713

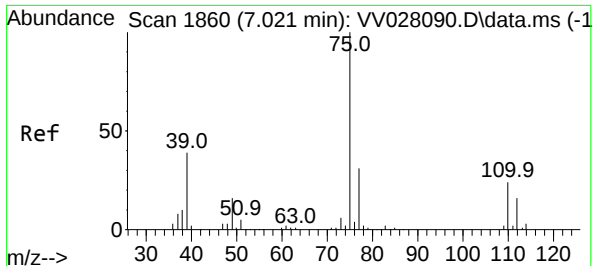
Ion Ratio Lower Upper

83 100

85 61.0 43.8 81.4

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.867 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

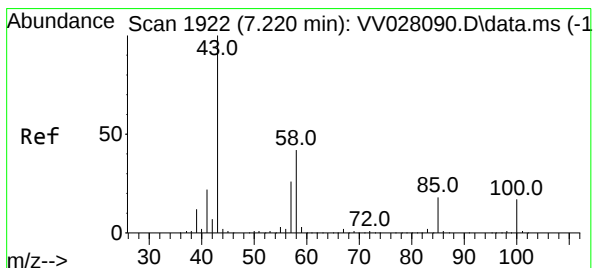
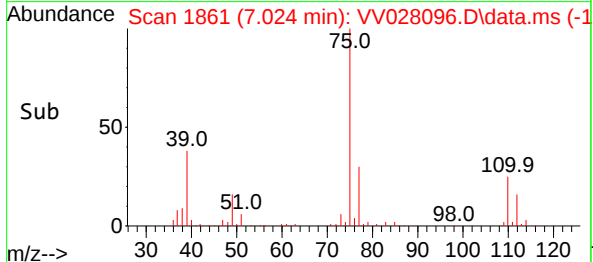
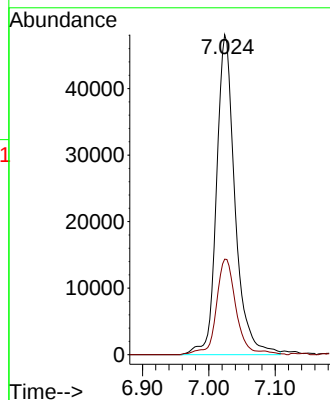
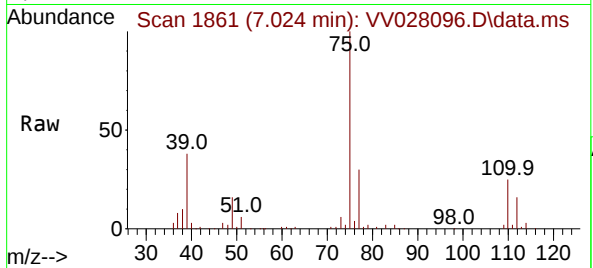
EXZ32MSD

Tgt Ion: 75 Resp: 93082

Ion Ratio Lower Upper

75 100

77 29.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 49.681 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

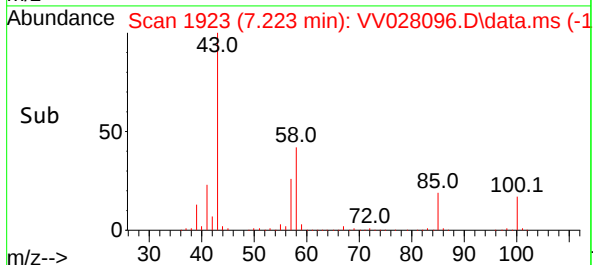
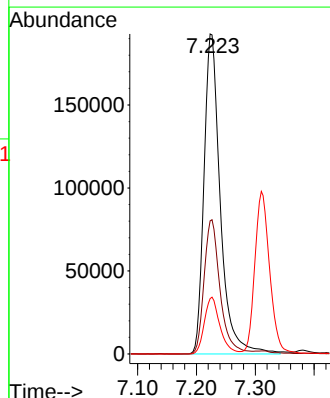
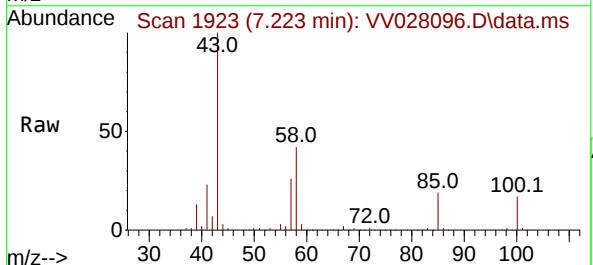
Tgt Ion: 43 Resp: 371461

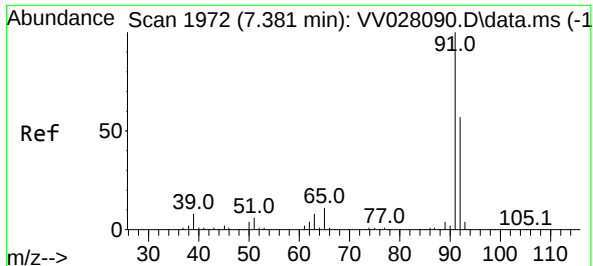
Ion Ratio Lower Upper

43 100

58 41.1 32.2 48.4

100 16.9 12.7 19.1





#42

Toluene

Concen: 5.371 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

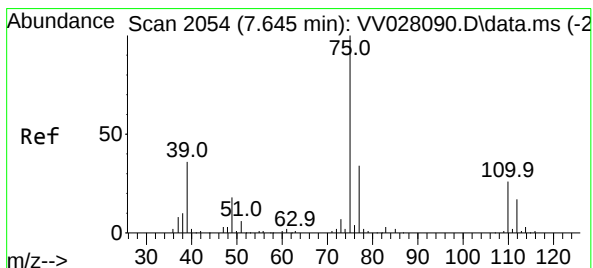
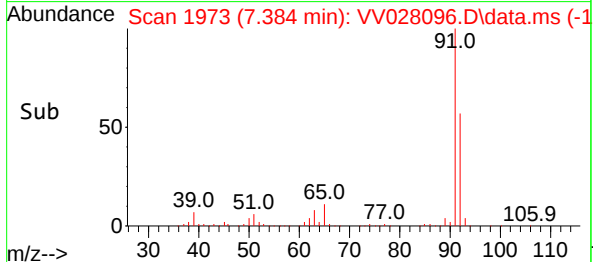
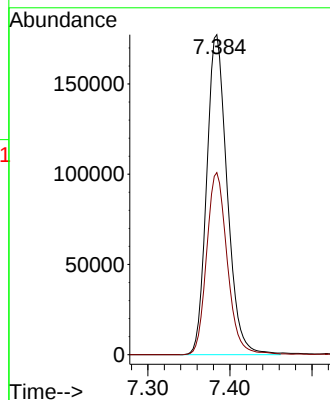
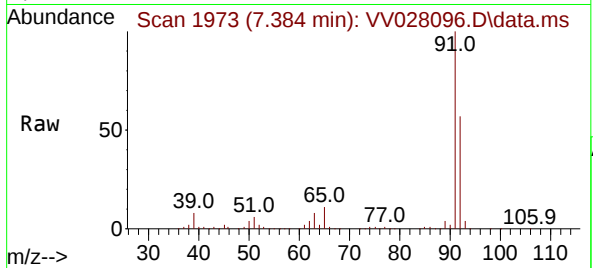
EXZ32MSD

Tgt Ion: 91 Resp: 307700

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.806 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028096.D

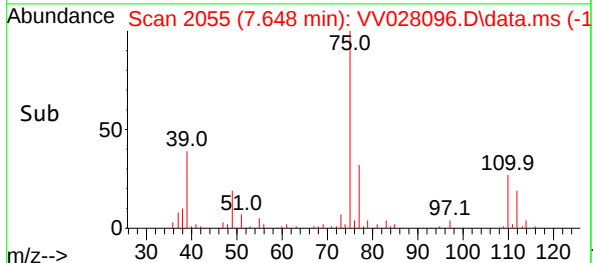
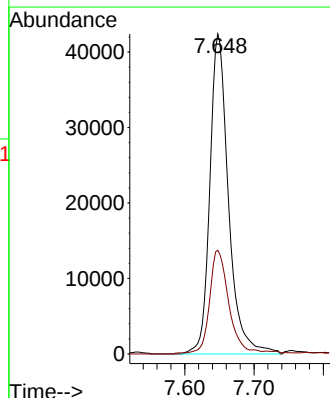
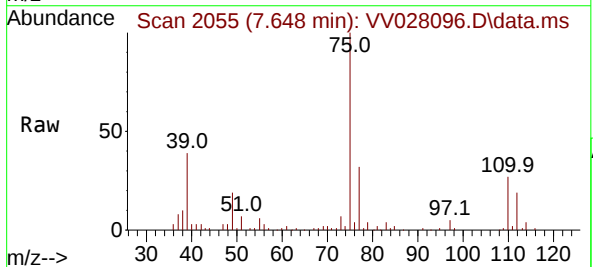
Acq: 23 Sep 2022 12:12

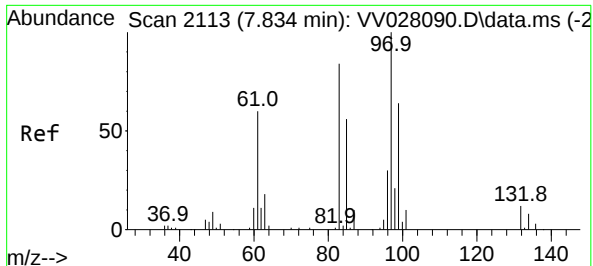
Tgt Ion: 75 Resp: 79048

Ion Ratio Lower Upper

75 100

77 32.4 23.9 44.3

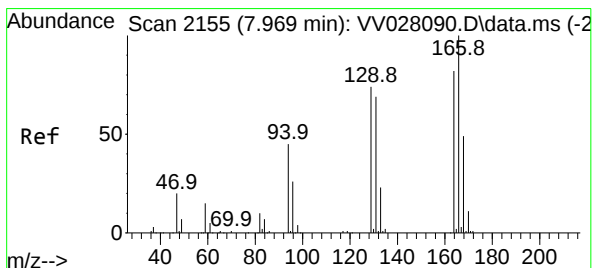
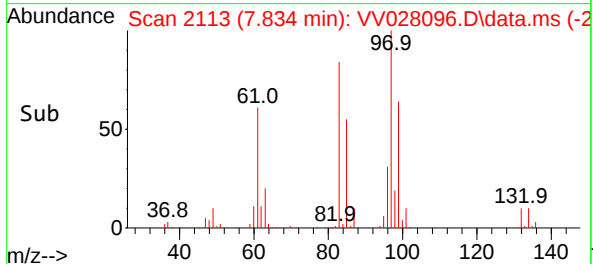
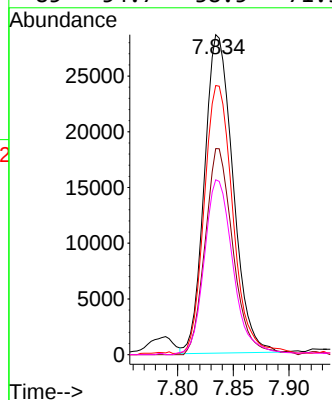
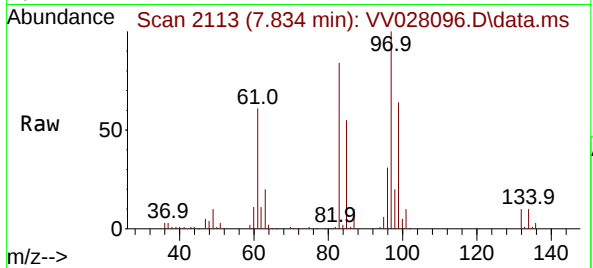




#45
1,1,2-Trichloroethane
Concen: 4.941 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

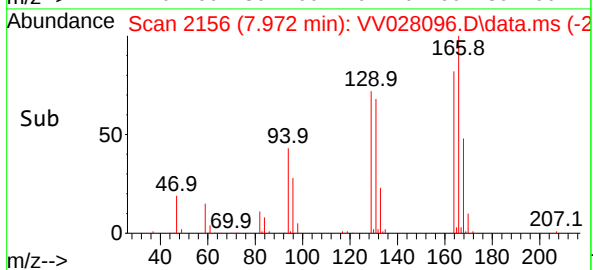
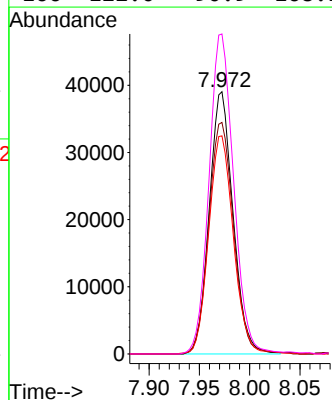
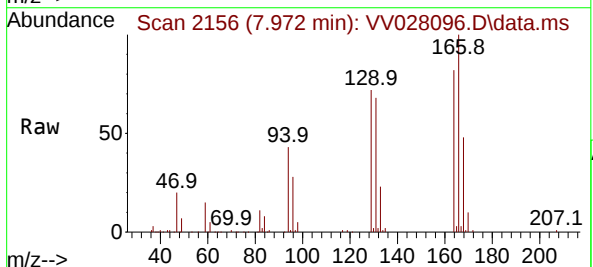
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

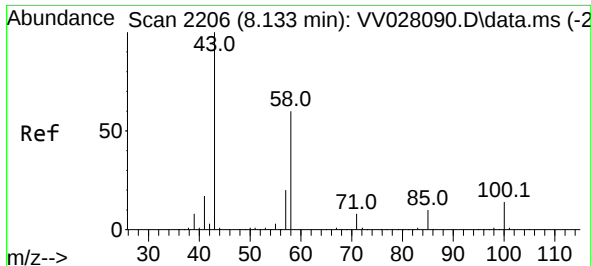
Tgt Ion:	97	Resp:	50993
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.2	80.2
83	84.1	59.1	109.9
85	54.7	38.5	71.5



#47
Tetrachloroethene
Concen: 5.898 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion:	164	Resp:	64365
Ion	Ratio	Lower	Upper
164	100		
129	88.3	66.7	123.9
131	83.2	61.7	114.5
166	122.0	90.9	168.9

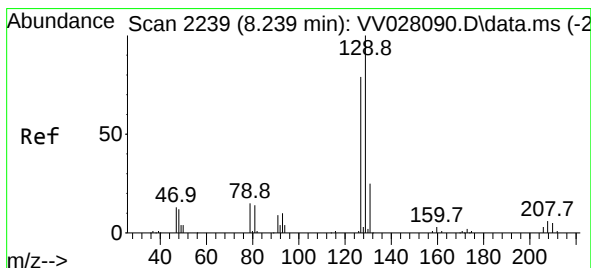
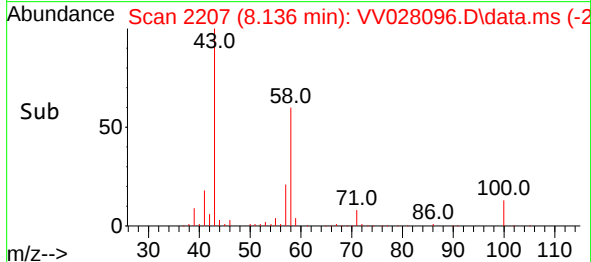
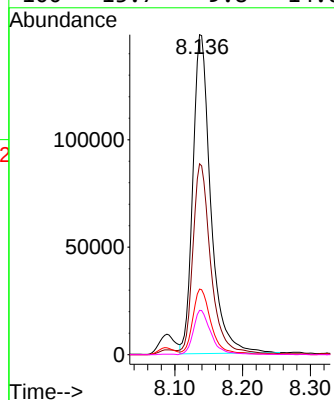
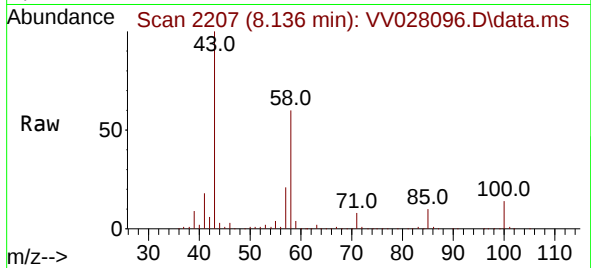




#48
2-Hexanone
Concen: 48.067 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

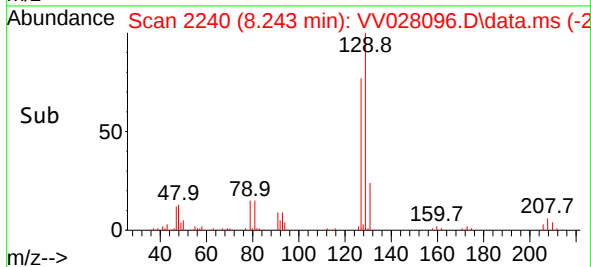
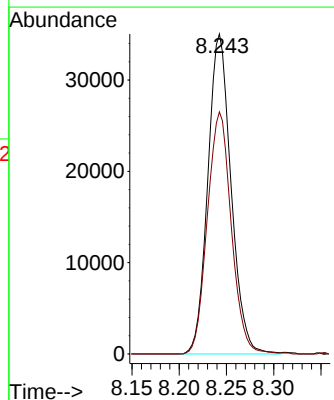
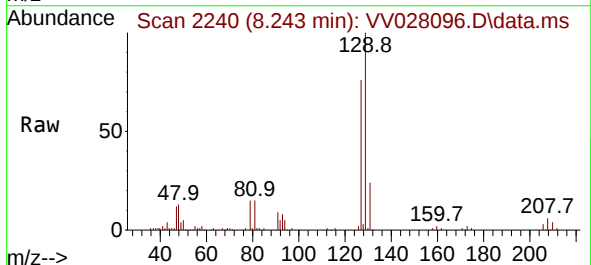
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

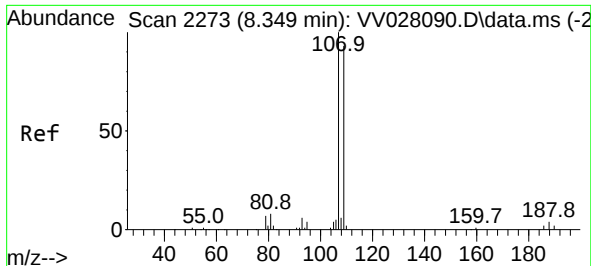
Tgt Ion: 43 Resp: 272833
Ion Ratio Lower Upper
43 100
58 59.1 45.7 68.5
57 20.6 15.5 23.3
100 13.7 9.8 14.6



#49
Dibromochloromethane
Concen: 4.819 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion: 129 Resp: 59805
Ion Ratio Lower Upper
129 100
127 75.6 54.3 100.9





#50

1,2-Dibromoethane

Concen: 4.858 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MSD

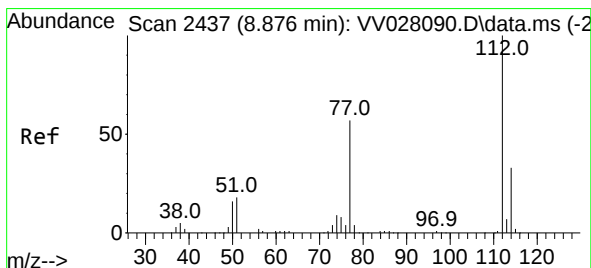
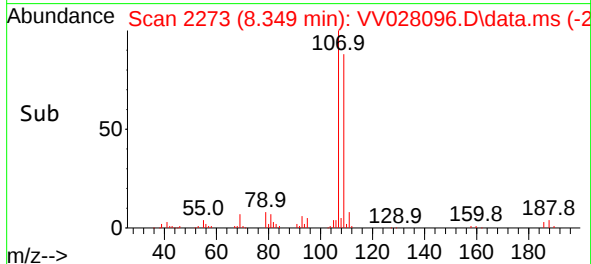
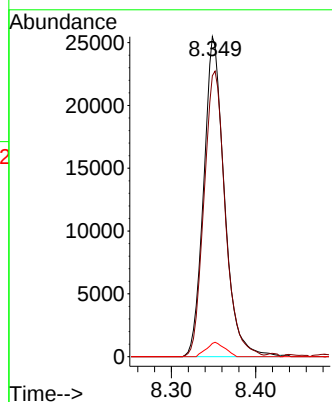
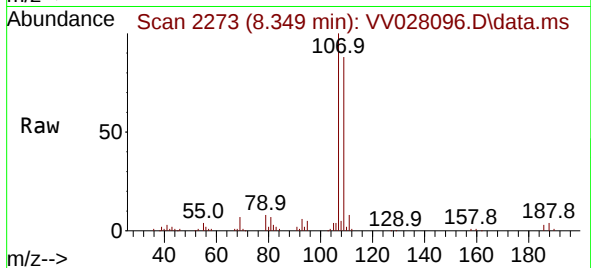
Tgt Ion:107 Resp: 43569

Ion Ratio Lower Upper

107 100

109 87.8 65.9 122.5

188 4.1 3.4 5.0



#51

Chlorobenzene

Concen: 4.946 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

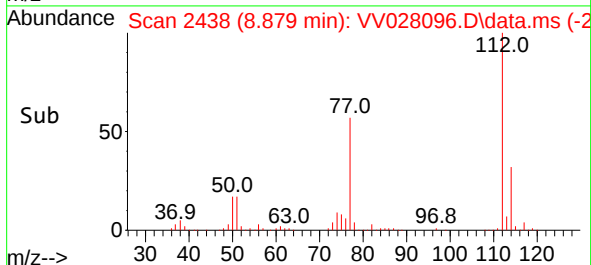
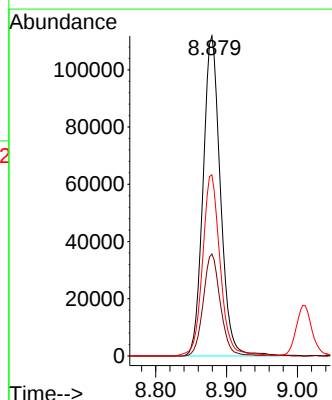
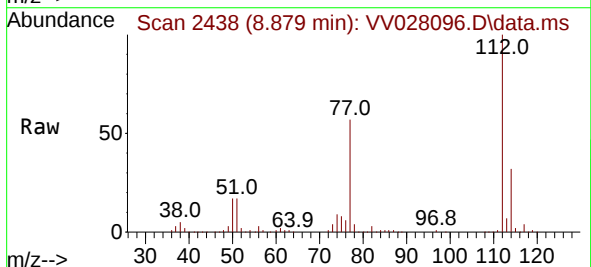
Tgt Ion:112 Resp: 190072

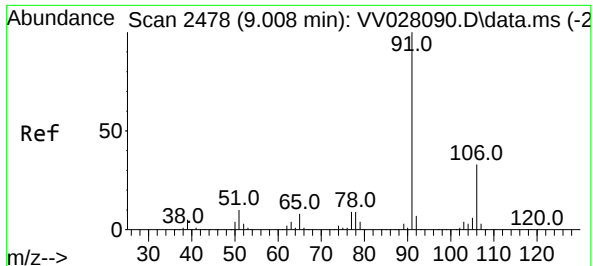
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 56.6 46.1 69.1

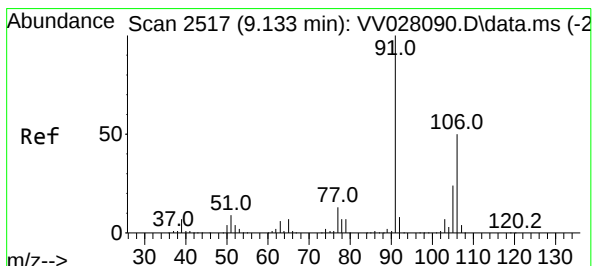
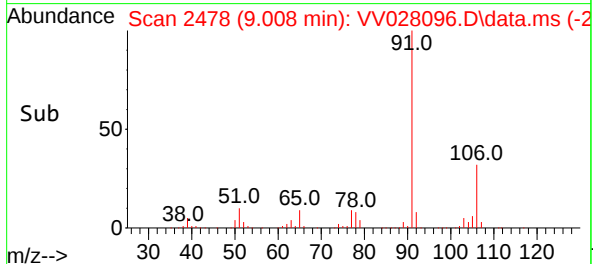
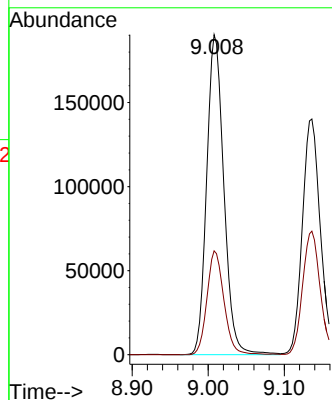
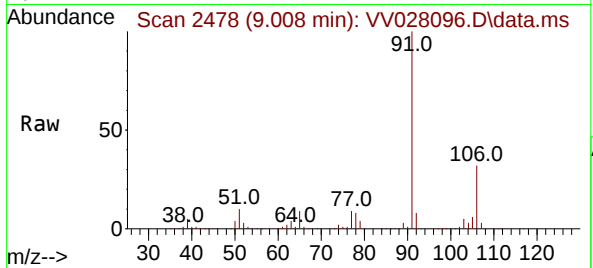




#52
Ethylbenzene
Concen: 4.931 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

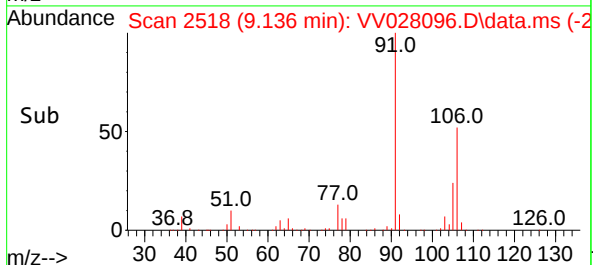
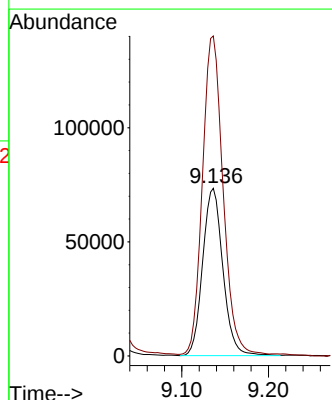
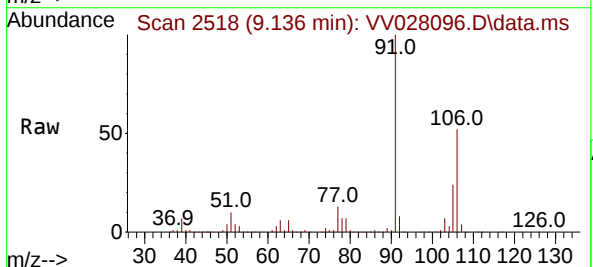
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

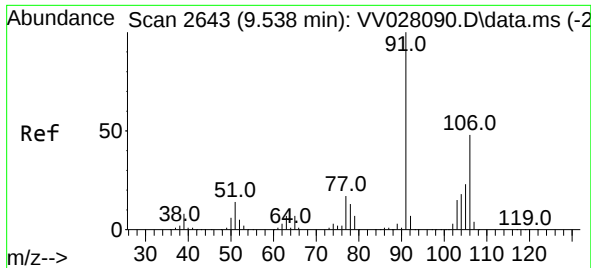
Tgt Ion: 91 Resp: 298874
Ion Ratio Lower Upper
91 100
106 32.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.106 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion: 106 Resp: 118593
Ion Ratio Lower Upper
106 100
91 190.9 141.9 263.5

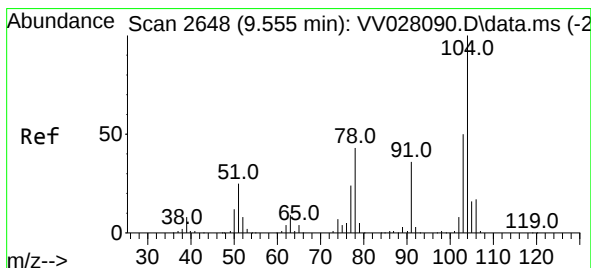
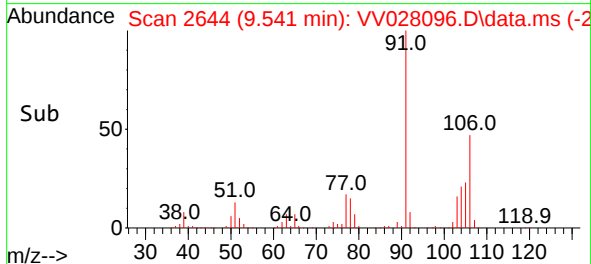
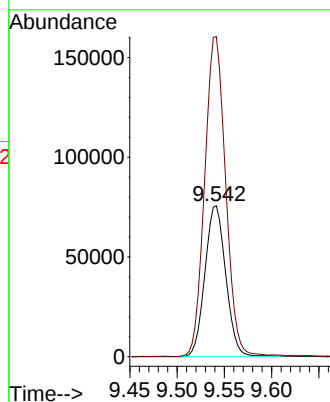
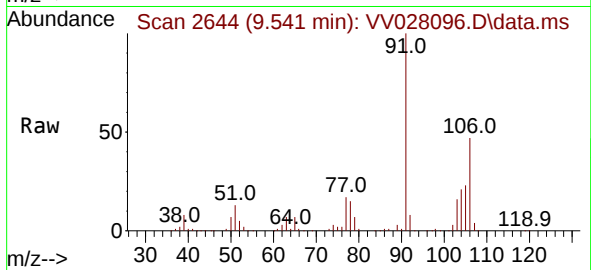




#54
o-Xylene
Concen: 5.067 ug/L
RT: 9.541 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

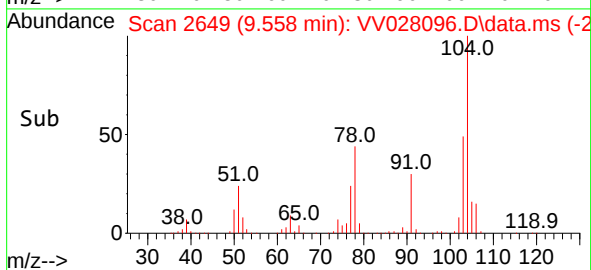
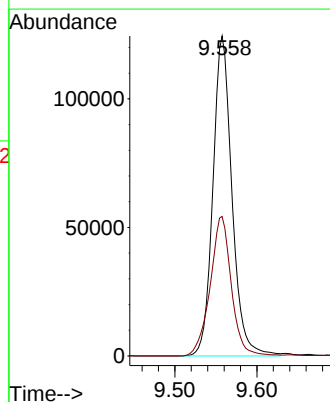
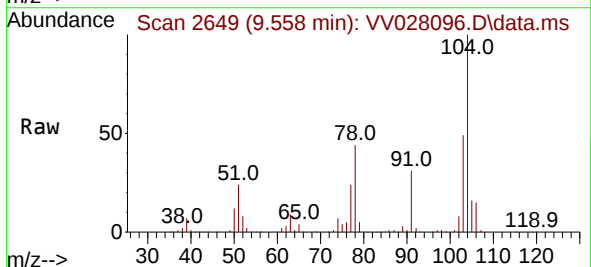
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

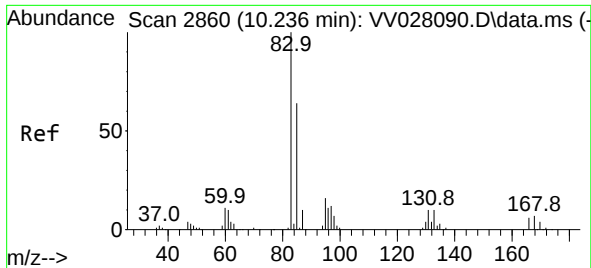
Tgt Ion:106 Resp: 116226
Ion Ratio Lower Upper
106 100
91 212.1 148.1 275.0



#55
Styrene
Concen: 5.062 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion:104 Resp: 201183
Ion Ratio Lower Upper
104 100
78 43.6 31.0 57.6

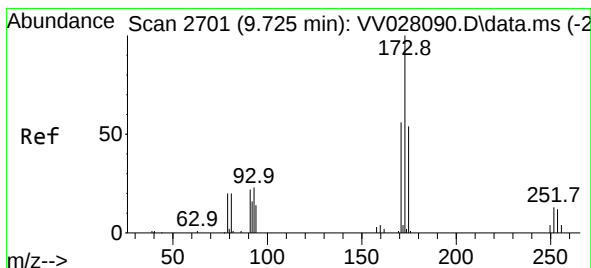
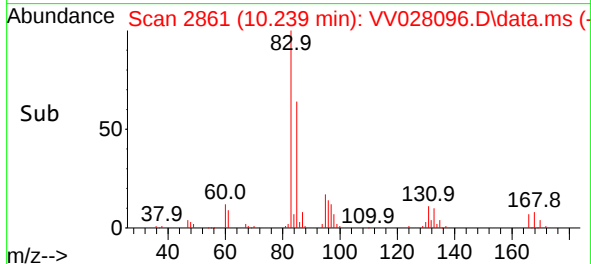
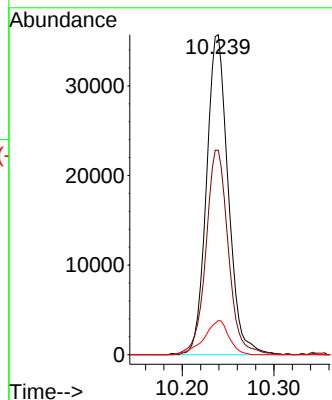
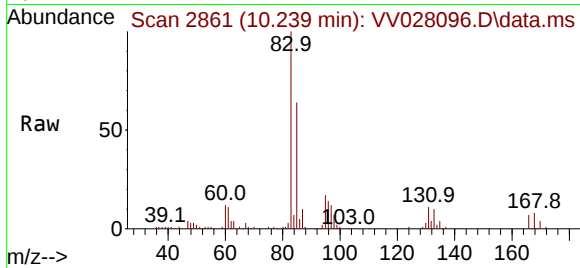




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.879 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028096.D
 Acq: 23 Sep 2022 12:12

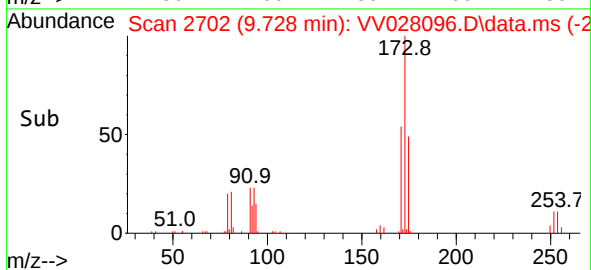
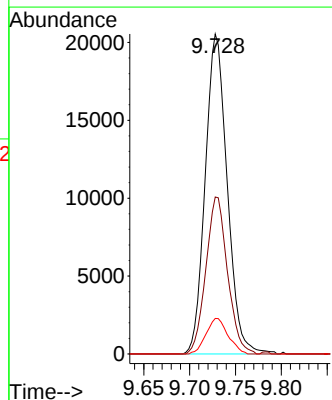
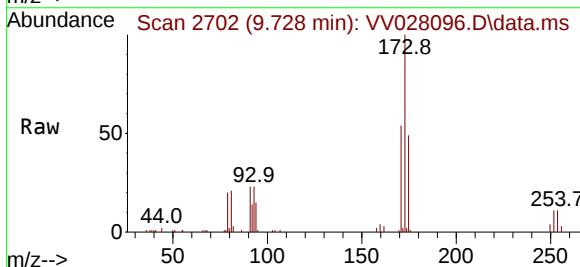
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32MSD

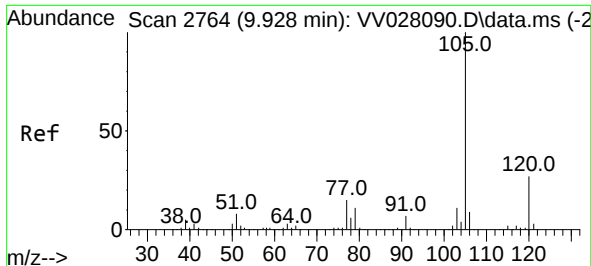
Tgt Ion: 83 Resp: 58677
 Ion Ratio Lower Upper
 83 100
 85 63.9 45.2 84.0
 131 10.6 7.8 11.8



#59
 Bromoform
 Concen: 4.839 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.003 min
 Lab File: VV028096.D
 Acq: 23 Sep 2022 12:12

Tgt Ion: 173 Resp: 34326
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.0 58.4
 254 11.1 8.7 13.1

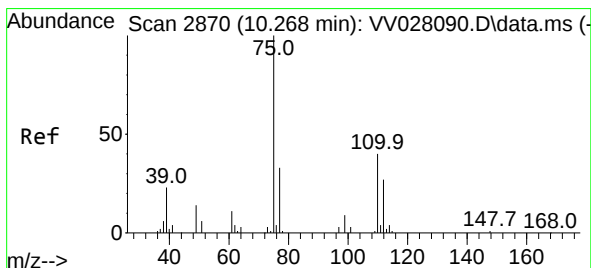
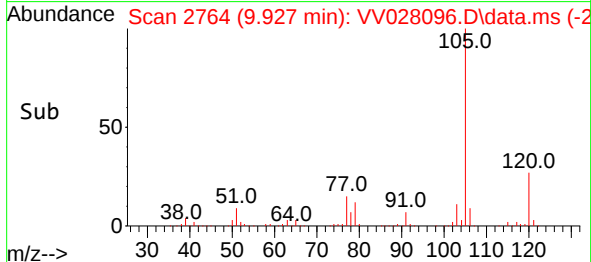
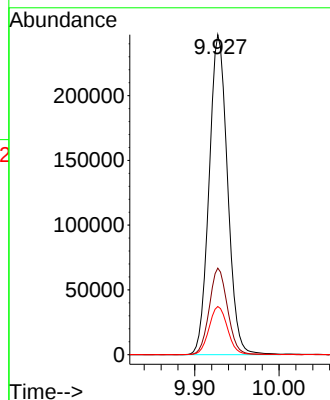
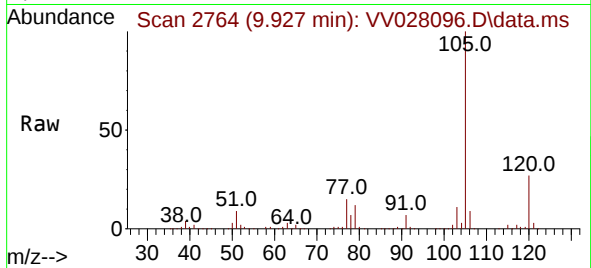




#60
Isopropylbenzene
Concen: 5.733 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

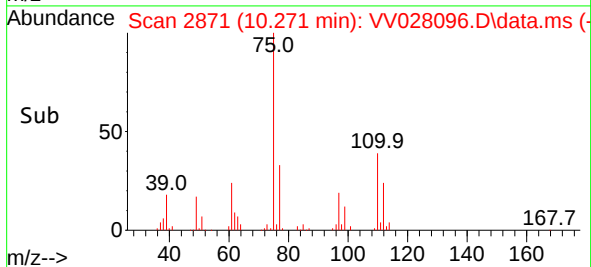
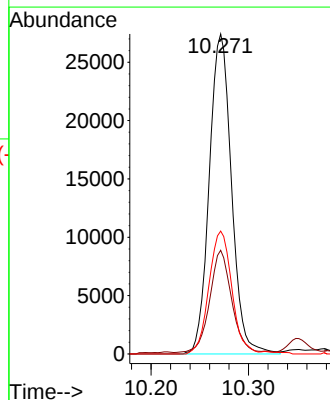
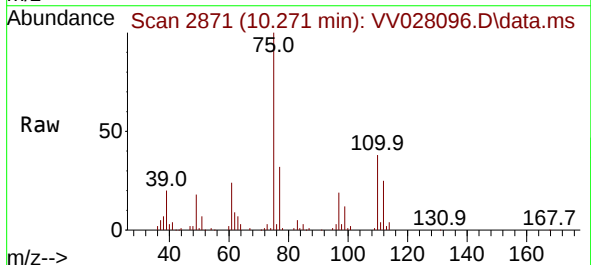
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

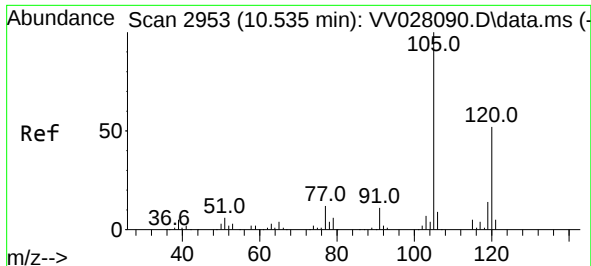
Tgt Ion:105 Resp: 375970
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.638 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion: 75 Resp: 43456
Ion Ratio Lower Upper
75 100
77 31.2 26.7 40.1
110 39.5 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.602 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

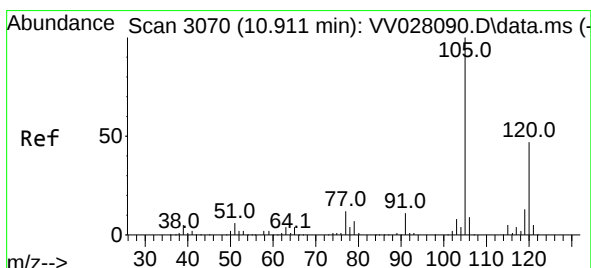
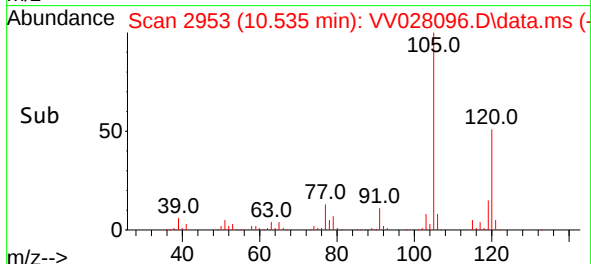
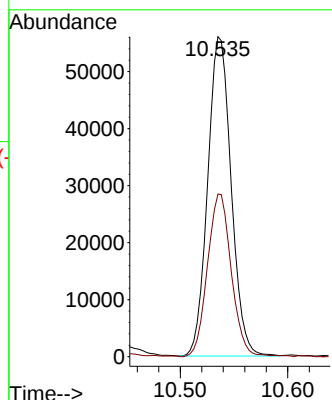
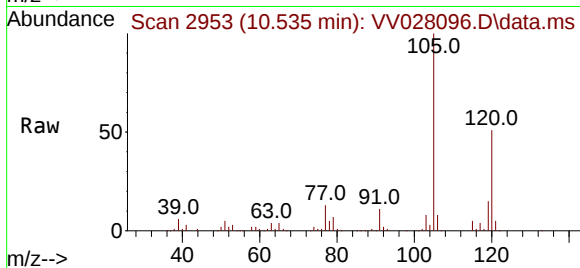
EXZ32MSD

Tgt Ion:105 Resp: 85007

Ion Ratio Lower Upper

105 100

120 51.7 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.074 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028096.D

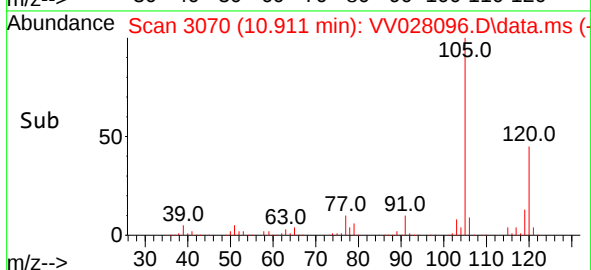
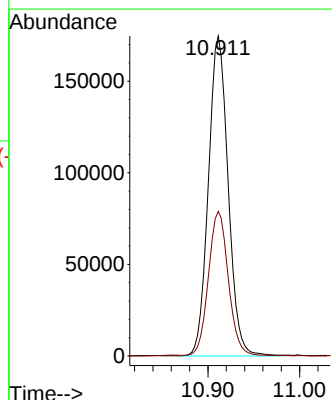
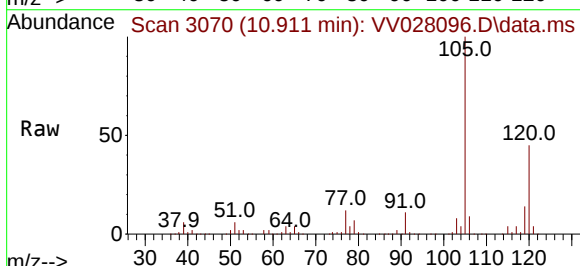
Acq: 23 Sep 2022 12:12

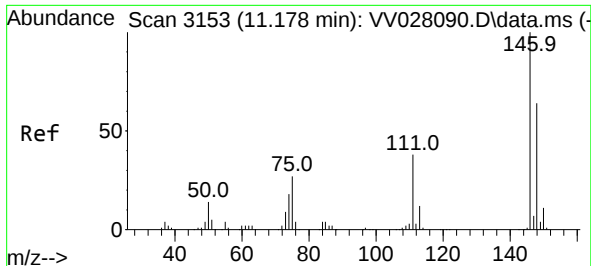
Tgt Ion:105 Resp: 261957

Ion Ratio Lower Upper

105 100

120 45.5 37.8 56.8

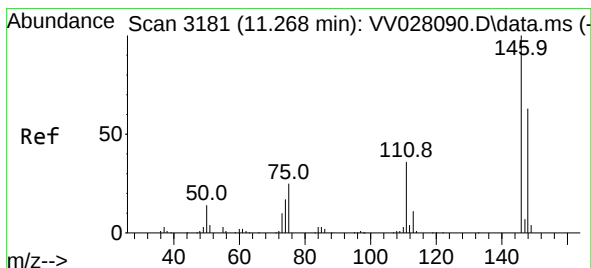
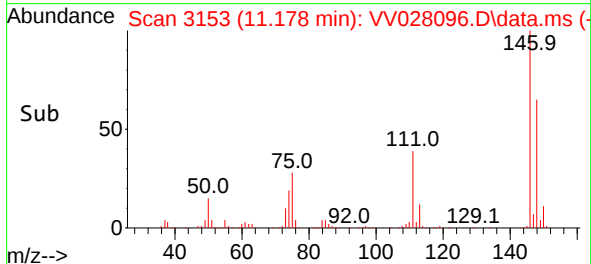
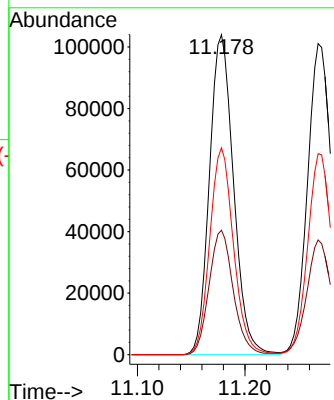
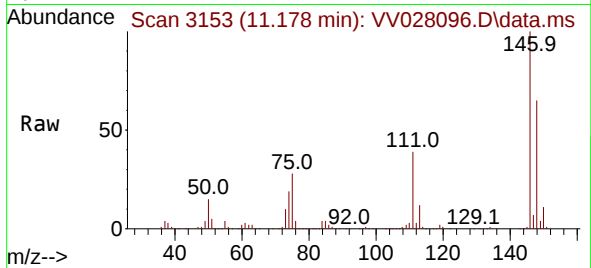




#64
1,3-Dichlorobenzene
Concen: 4.965 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

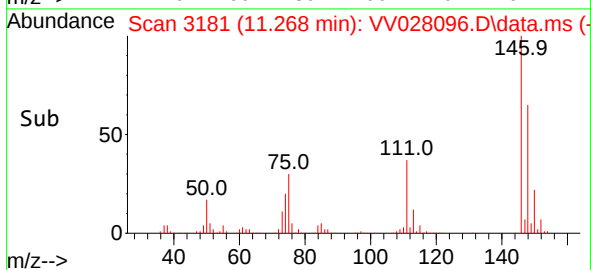
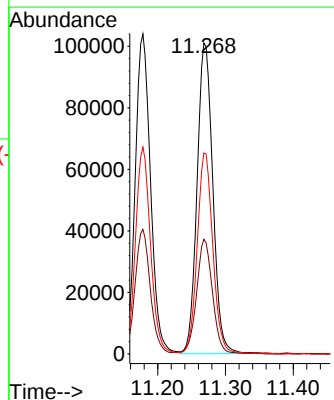
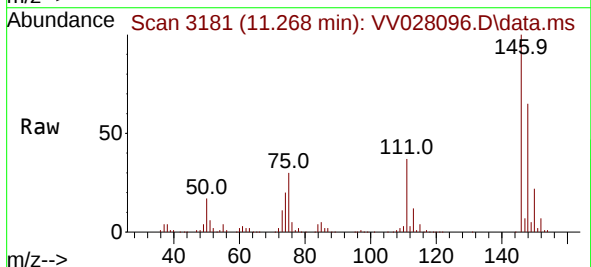
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

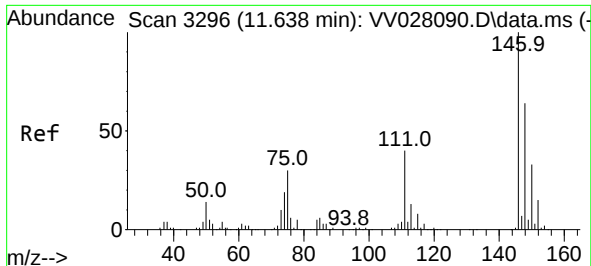
Tgt Ion:146 Resp: 162005
Ion Ratio Lower Upper
146 100
111 38.9 27.1 50.3
148 64.7 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 4.996 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028096.D
Acq: 23 Sep 2022 12:12

Tgt Ion:146 Resp: 163102
Ion Ratio Lower Upper
146 100
111 36.9 26.2 48.8
148 64.6 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.601 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MSD

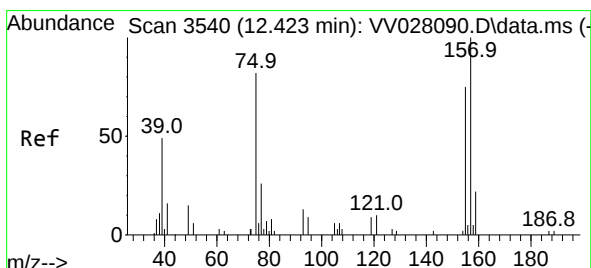
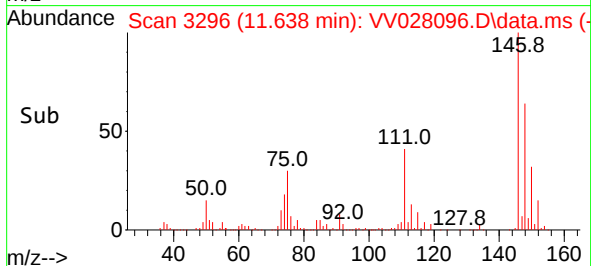
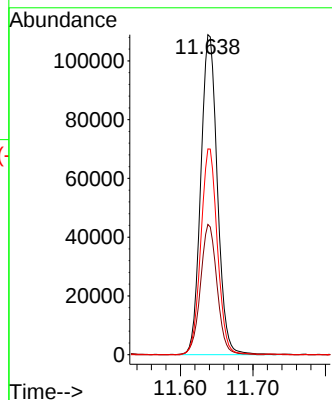
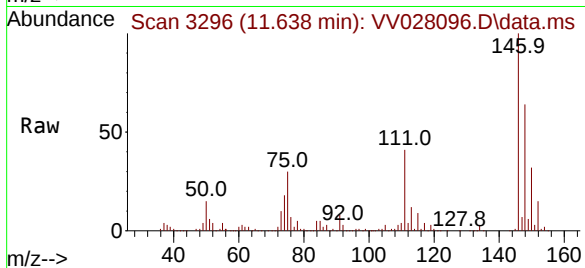
Tgt Ion:146 Resp: 172652

Ion Ratio Lower Upper

146 100

111 40.7 32.6 49.0

148 64.3 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.575 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

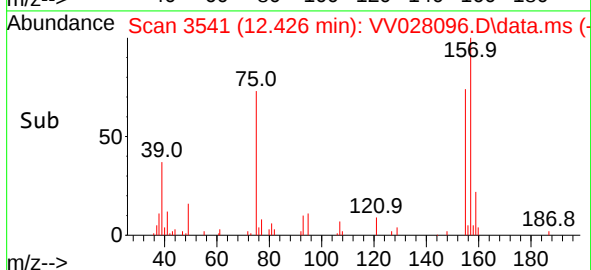
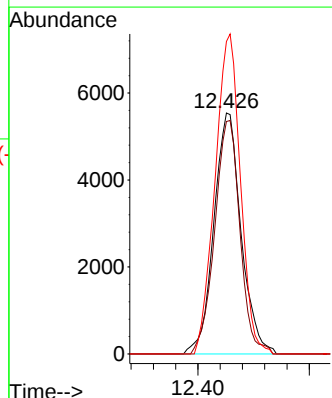
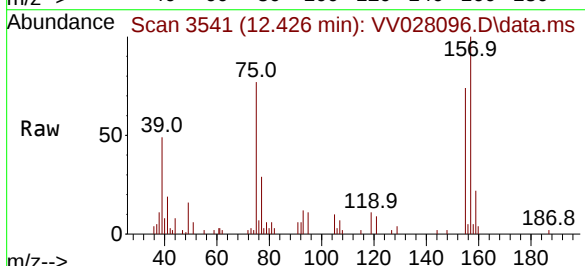
Tgt Ion: 75 Resp: 9397

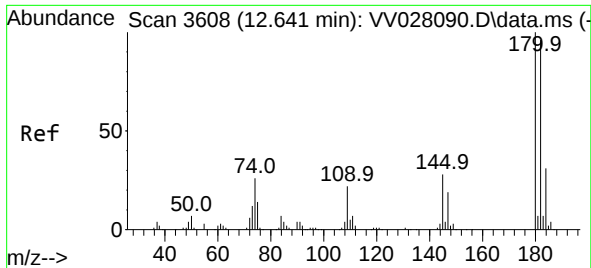
Ion Ratio Lower Upper

75 100

155 96.5 73.6 110.4

157 129.6 90.7 136.1



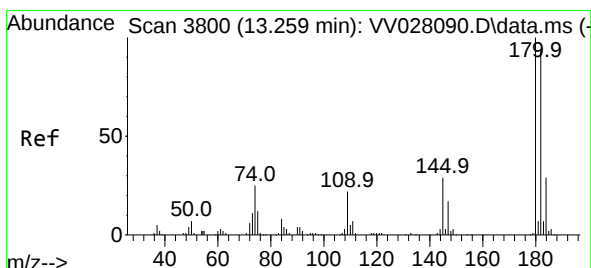
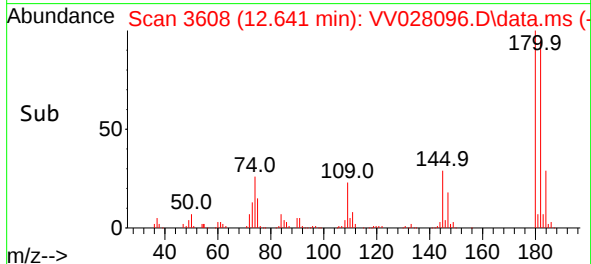
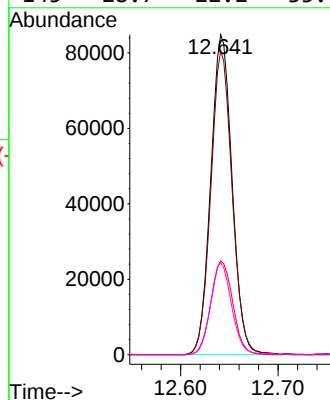
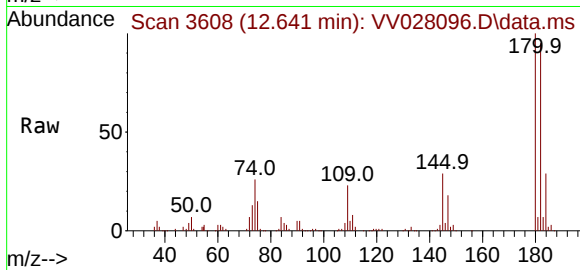


#69
 1,3,5-Trichlorobenzene
 Concen: 4.994 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV028096.D
 Acq: 23 Sep 2022 12:12

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32MSD

Tgt Ion:180 Resp: 128970

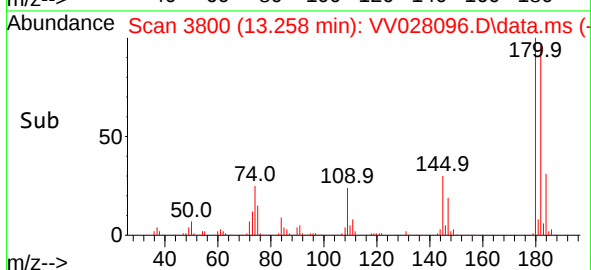
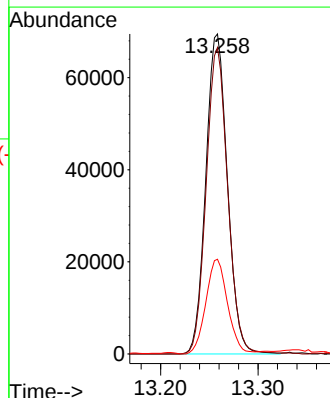
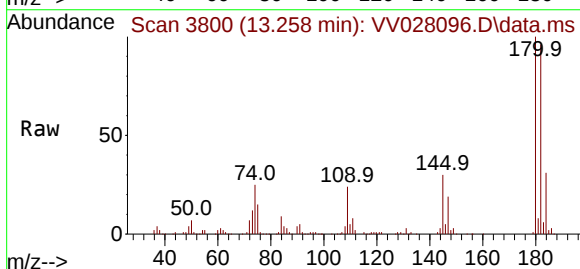
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.5	113.3
184	30.0	23.7	35.5
145	28.7	22.2	33.4

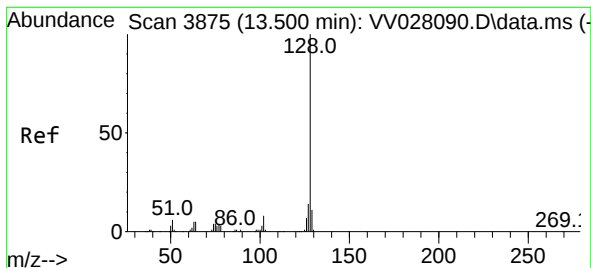


#70
 1,2,4-trichlorobenzene
 Concen: 5.184 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV028096.D
 Acq: 23 Sep 2022 12:12

Tgt Ion:180 Resp: 107075

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	29.8	22.9	34.3





#71

Naphthalene

Concen: 5.027 ug/L

RT: 13.496 min Scan# 3875

Delta R.T. -0.003 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MSD

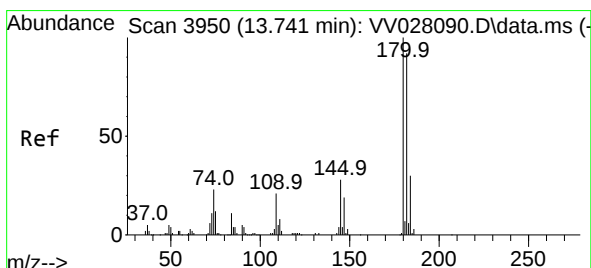
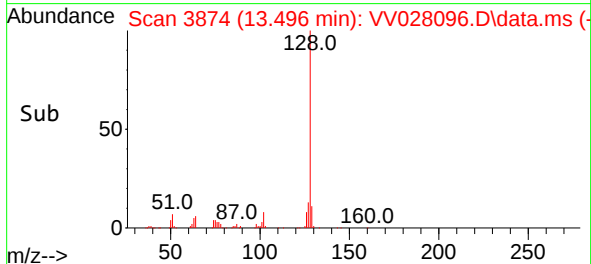
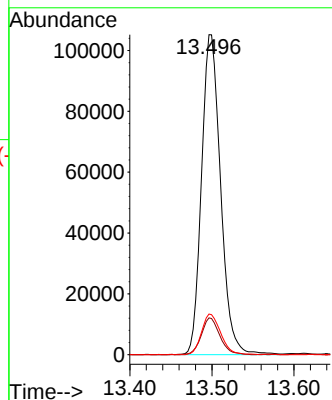
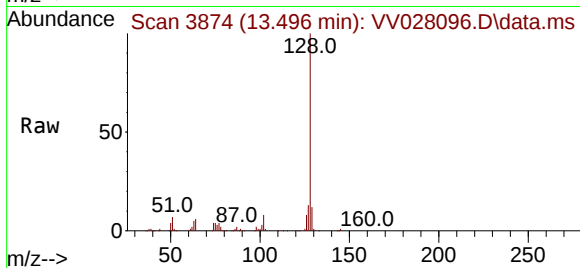
Tgt Ion:128 Resp: 170050

Ion Ratio Lower Upper

128 100

129 11.2 8.2 12.2

127 12.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.156 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV028096.D

Acq: 23 Sep 2022 12:12

Tgt Ion:180 Resp: 96324

Ion Ratio Lower Upper

180 100

182 95.1 77.4 116.0

145 30.9 24.6 36.8

