

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092322\
 Data File : VW028095.D
 Acq On : 23 Sep 2022 11:48
 Operator : SY/MD
 Sample : N4652-10MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32MS

Quant Time: Sep 24 01:25:43 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	193956	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	109944	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	101311	5.038	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.561	69	72625	4.543	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.101	63	167731	4.809	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	3.892	46	176600	52.022	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.040%	
24) Chloroform-d	4.342	84	142962	4.455	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.027	65	67044	4.391	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	5.043	84	268680	4.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.066	67	82839	4.219	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.400%	
41) Toluene-d8	7.310	98	249657	4.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	7.619	79	32168	4.535	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.088	63	143977	48.638	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.280%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63263	4.714	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	98084	4.548	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	70379	4.858	ug/L	95
3) Chloromethane	1.236	50	69617	3.629	ug/L	100
5) Vinyl chloride	1.304	62	2052628	136.474	ug/L	99
6) Bromomethane	1.516	94	49309	5.034	ug/L	98
8) Chloroethane	1.577	64	778465	77.184	ug/L	100
9) Trichlorofluoromethane	1.744	101	122927	5.148	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	70428	5.117	ug/L	99
12) 1,1-Dichloroethene	2.111	96	99414	7.417	ug/L #	75
13) Acetone	2.204	43	109109	41.727	ug/L	100
14) Carbon disulfide	2.285	76	122808	4.774	ug/L	99
15) Methyl Acetate	2.442	43	20140	3.968	ug/L #	80
16) Methylene chloride	2.500	84	71373	4.770	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	146868	5.094	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	107053	9.124	ug/L	98
19) 1,1-Dichloroethane	3.182	63	6695245	261.567	ug/L	99
21) 2-Butanone	3.986	43	149465	46.170	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	2955324	191.950	ug/L	99
23) Bromochloromethane	4.246	128	31163	5.055	ug/L	87
25) Chloroform	4.368	83	136491	4.969	ug/L	95

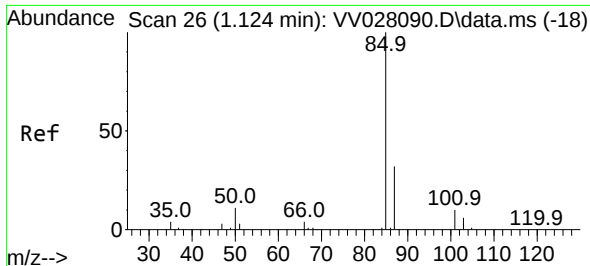
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	96136	6.564	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	692113	29.325	ug/L	99
30) Cyclohexane	4.670	56	82959	4.860	ug/L	95
31) Carbon tetrachloride	4.821	117	97361	5.013	ug/L	99
33) Benzene	5.092	78	282315	5.293	ug/L	100
34) Trichloroethene	5.908	95	97084	7.312	ug/L	97
35) Methylcyclohexane	6.127	83	93578	5.139	ug/L	99
37) 1,2-Dichloropropane	6.169	63	70802	4.735	ug/L #	97
38) Bromodichloromethane	6.506	83	92632	5.018	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	92697	4.991	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	373470	51.432	ug/L	98
42) Toluene	7.384	91	307618	5.529	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	81079	5.075	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	51706	5.159	ug/L	99
47) Tetrachloroethene	7.972	164	64821	6.116	ug/L	97
48) 2-Hexanone	8.136	43	278827	50.581	ug/L	98
49) Dibromochloromethane	8.243	129	63220	5.246	ug/L	95
50) 1,2-Dibromoethane	8.349	107	43590	5.004	ug/L	98
51) Chlorobenzene	8.879	112	188398	5.048	ug/L	99
52) Ethylbenzene	9.008	91	300785	5.110	ug/L	100
53) m,p-Xylene	9.136	106	117596	5.213	ug/L	96
54) o-Xylene	9.542	106	117178	5.260	ug/L	97
55) Styrene	9.558	104	210231	5.446	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	62428	5.345	ug/L	97
59) Bromoform	9.728	173	34913	5.002	ug/L	99
60) Isopropylbenzene	9.927	105	374654	5.806	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	43736	4.743	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	85510	4.704	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	258491	5.087	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	164768	5.131	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	162251	5.050	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	173614	5.723	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9894	4.895	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	130259	5.125	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	104592	5.146	ug/L	99
71) Naphthalene	13.500	128	162979	4.896	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	94219	5.124	ug/L	99

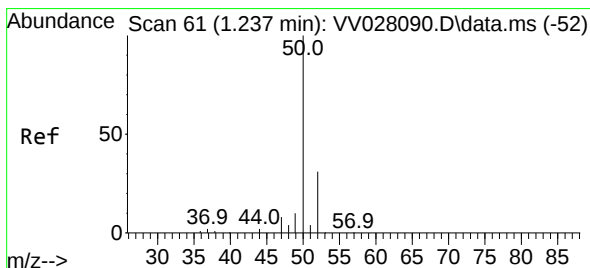
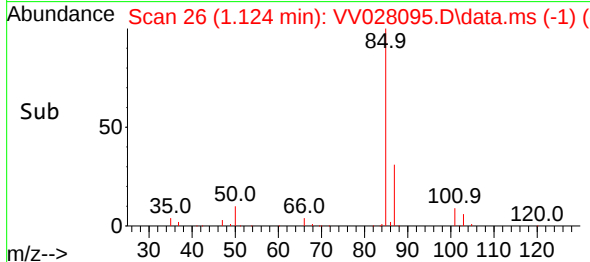
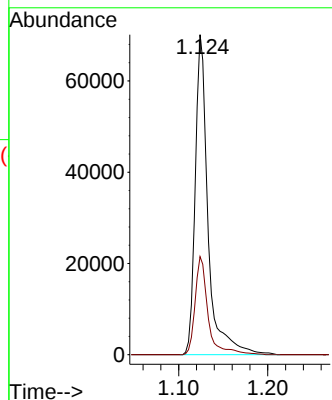
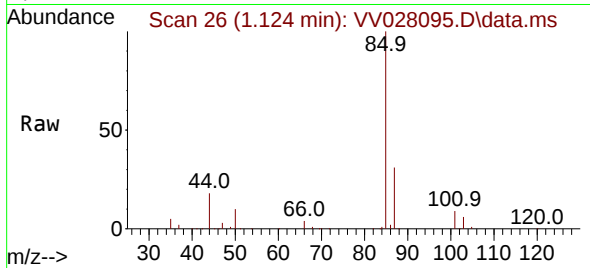
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#2
 Dichlorodifluoromethane
 Concen: 4.858 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028095.D
 Acq: 23 Sep 2022 11:48

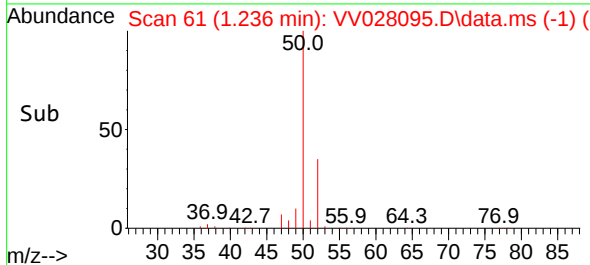
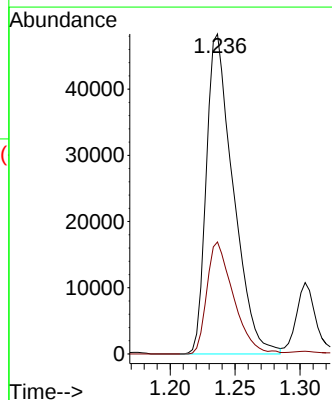
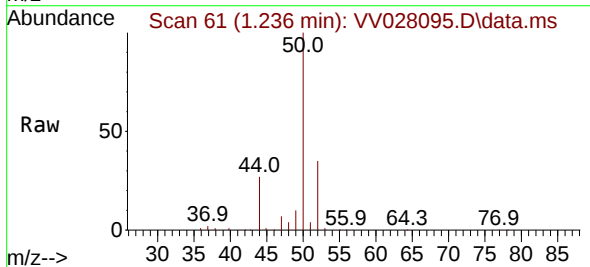
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32MS

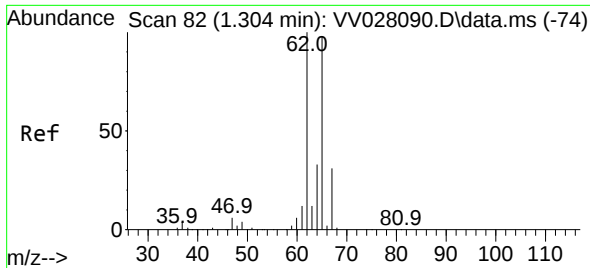
Tgt Ion: 85 Resp: 70379
 Ion Ratio Lower Upper
 85 100
 87 31.1 22.8 34.2



#3
 Chloromethane
 Concen: 3.629 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028095.D
 Acq: 23 Sep 2022 11:48

Tgt Ion: 50 Resp: 69617
 Ion Ratio Lower Upper
 50 100
 52 35.0 24.4 45.2

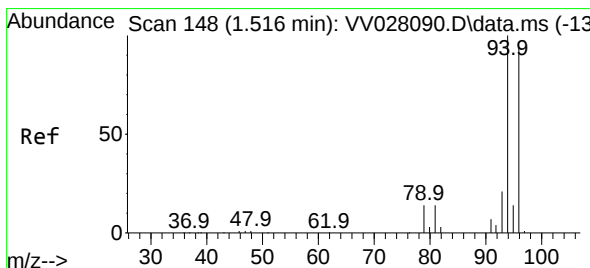
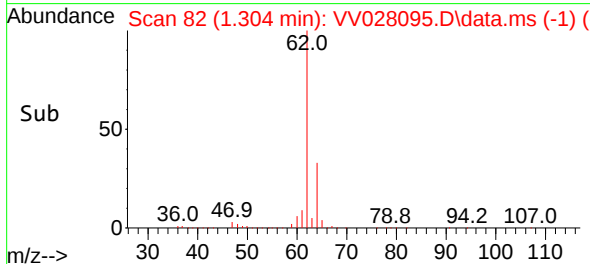
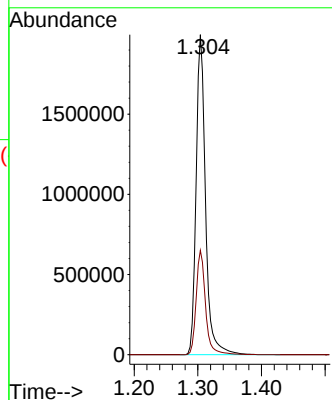
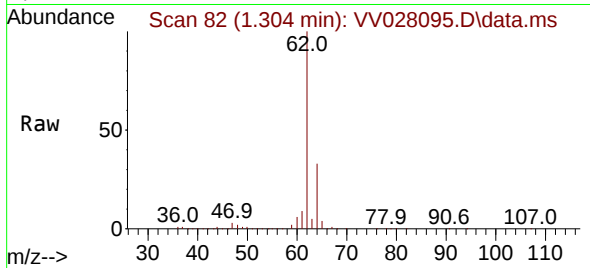




#5
 Vinyl chloride
 Concen: 136.474 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028095.D
 Acq: 23 Sep 2022 11:48

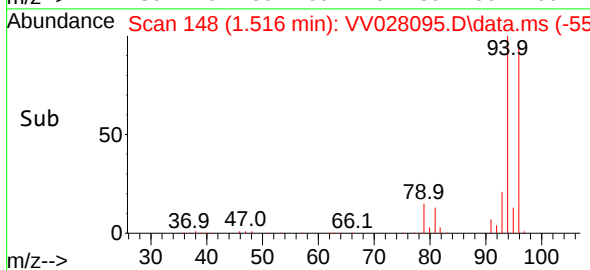
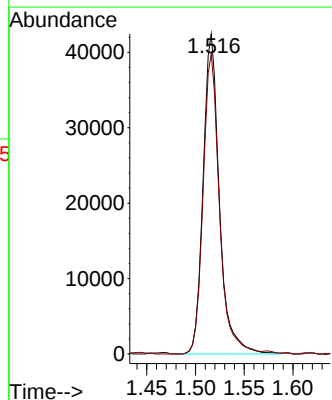
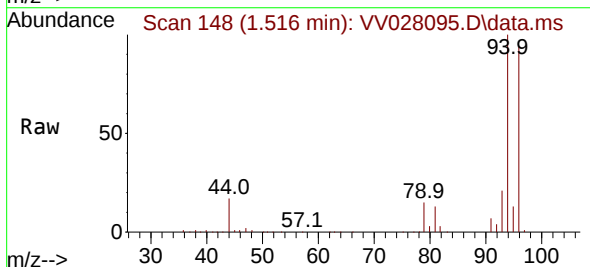
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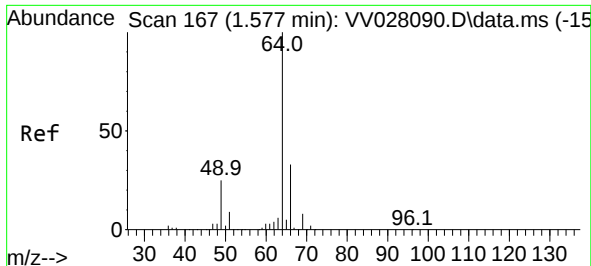
Tgt Ion: 62 Resp: 2052628
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.8



#6
 Bromomethane
 Concen: 5.034 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028095.D
 Acq: 23 Sep 2022 11:48

Tgt Ion: 94 Resp: 49309
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.7 123.9

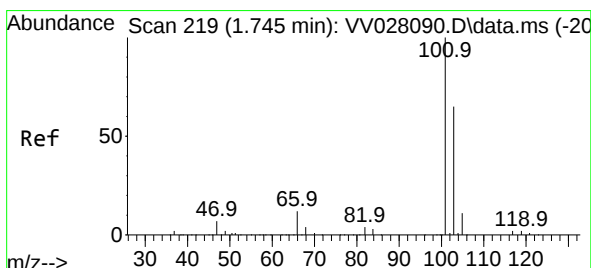
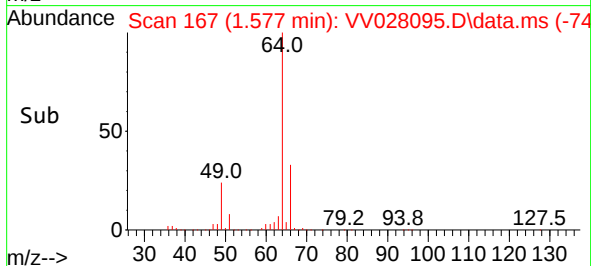
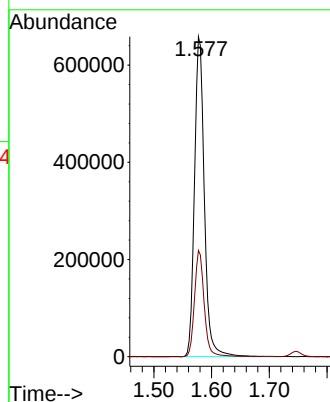
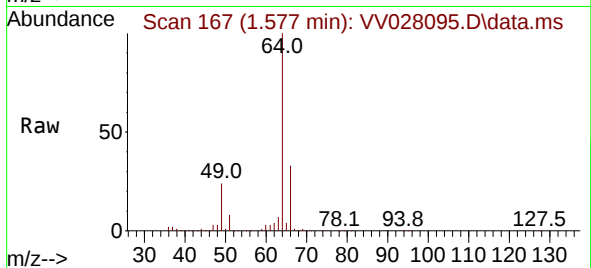




#8
Chloroethane
Concen: 77.184 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

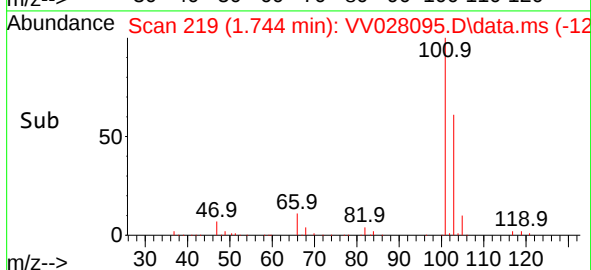
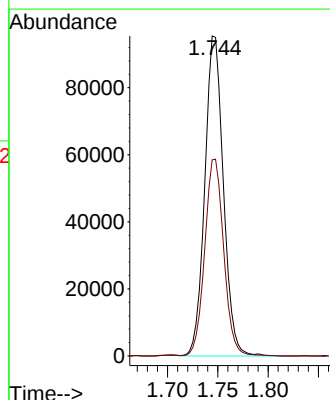
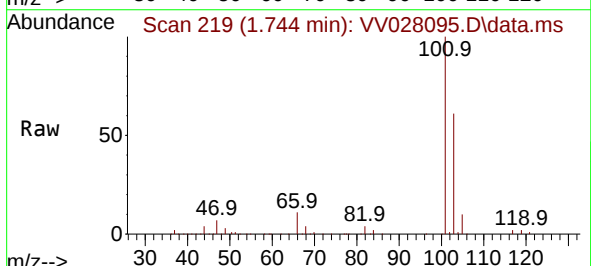
Instrument :
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ClientSampleId :
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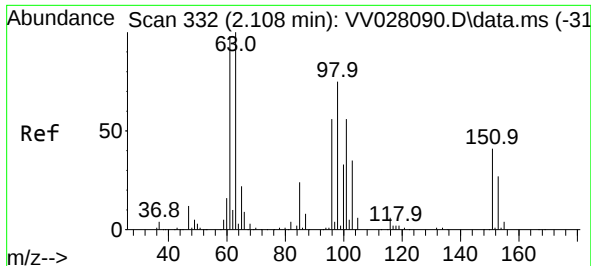
Tgt Ion: 64 Resp: 778465
Ion Ratio Lower Upper
64 100
66 33.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.148 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion:101 Resp: 122927
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0





#10

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

Concen: 5.117 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MS

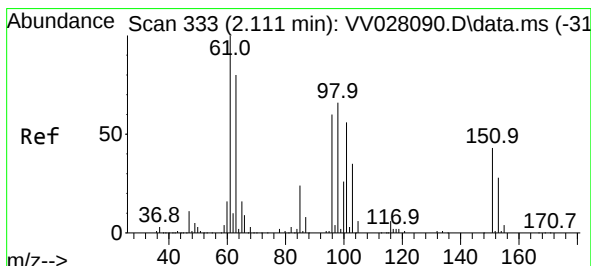
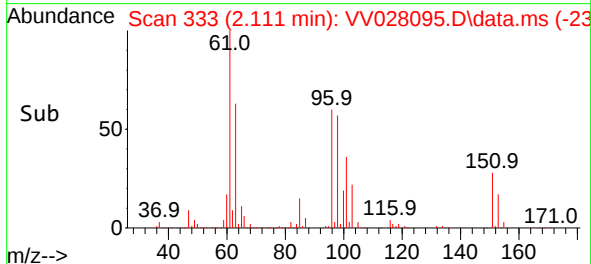
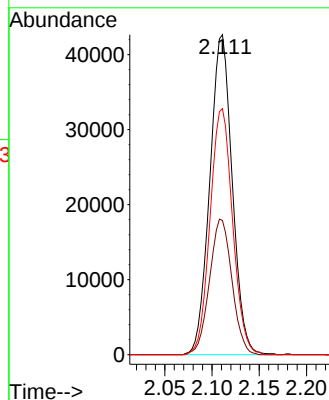
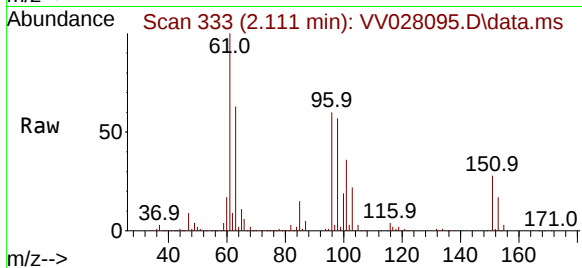
Tgt Ion:101 Resp: 70428

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

151 77.2 61.1 91.7



#12

1,1-Dichloroethene

Concen: 7.417 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

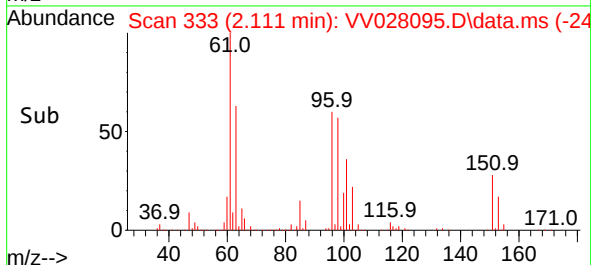
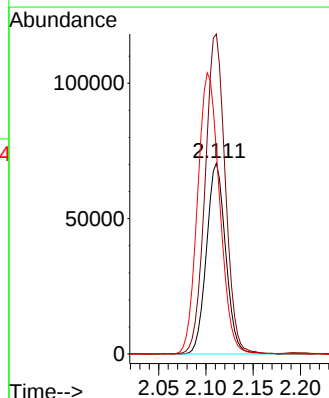
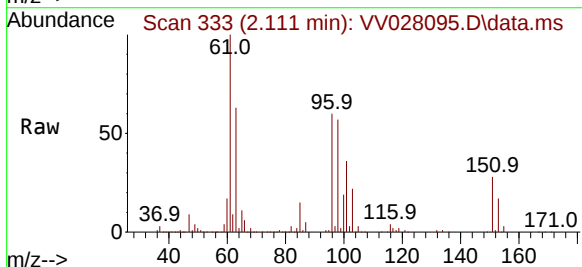
Tgt Ion: 96 Resp: 99414

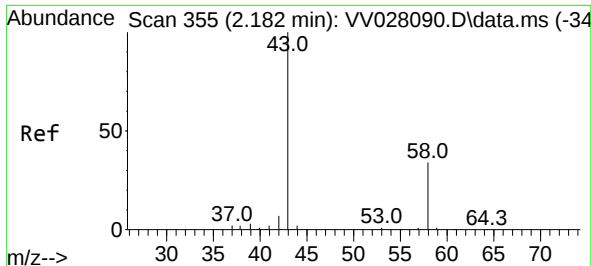
Ion Ratio Lower Upper

96 100

61 167.8 128.3 238.3

63 106.5 112.7 209.3#





#13

Acetone

Concen: 41.727 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.022 min

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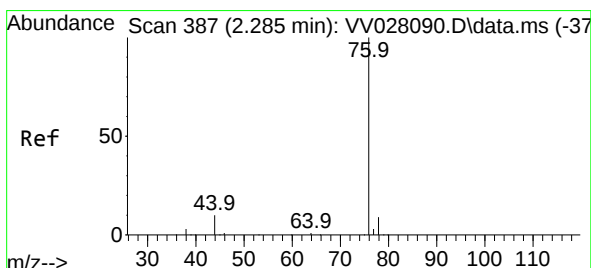
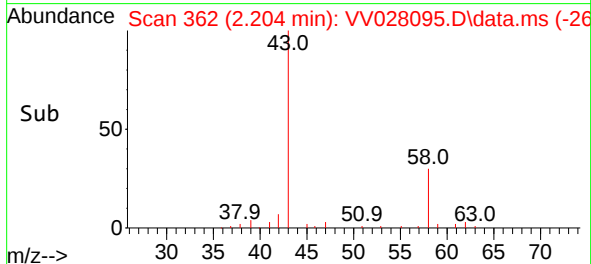
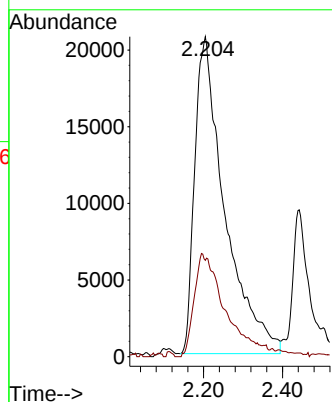
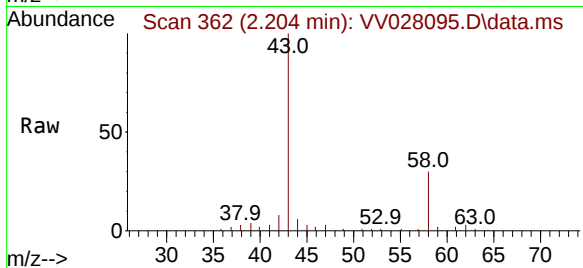
EXZ32MS

Tgt Ion: 43 Resp: 109109

Ion Ratio Lower Upper

43 100

58 33.0 0.0 65.6



#14

Carbon disulfide

Concen: 4.774 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028095.D

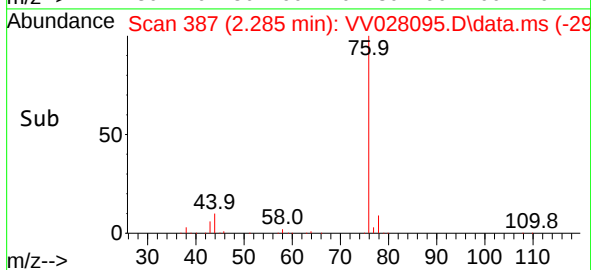
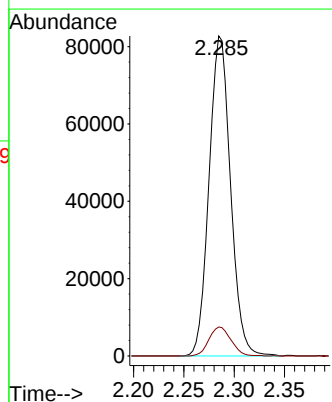
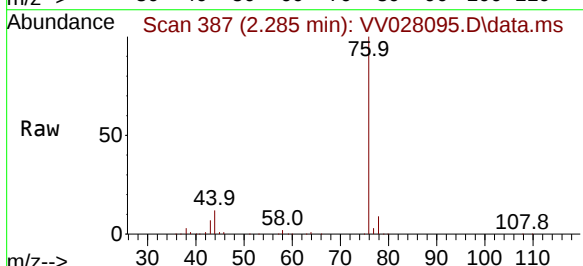
Acq: 23 Sep 2022 11:48

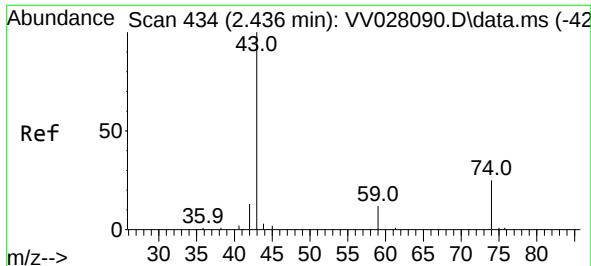
Tgt Ion: 76 Resp: 122808

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

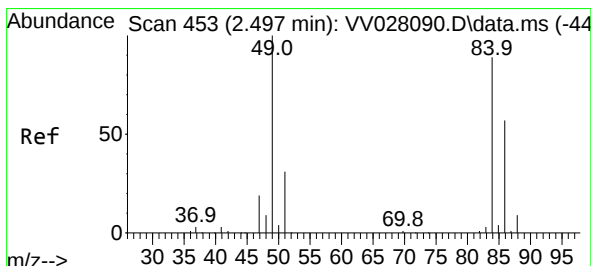
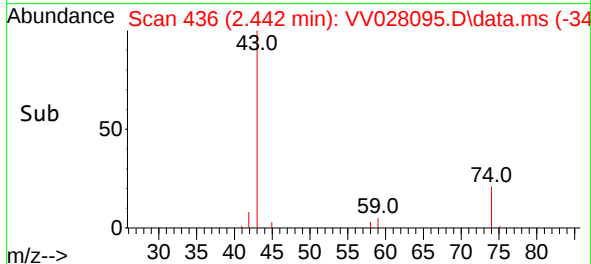
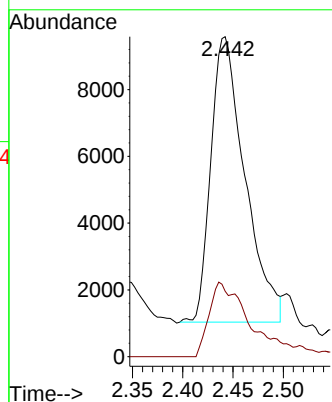
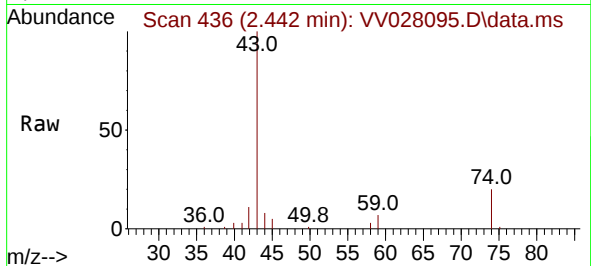




#15
Methyl Acetate
Concen: 3.968 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

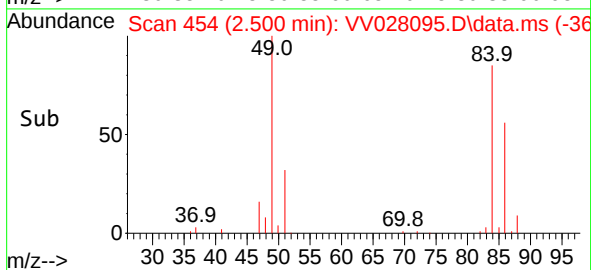
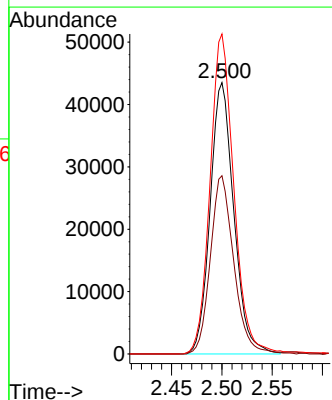
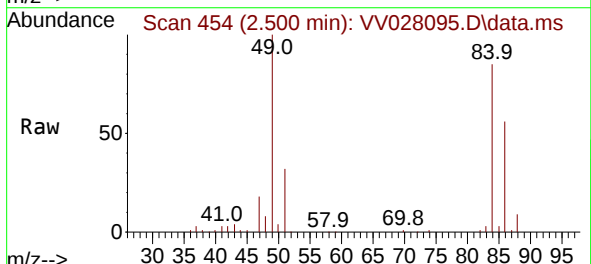
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

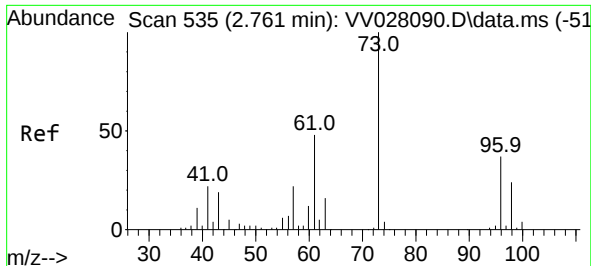
Tgt Ion: 43 Resp: 20140
Ion Ratio Lower Upper
43 100
74 30.6 16.9 25.3#



#16
Methylene chloride
Concen: 4.770 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion: 84 Resp: 71373
Ion Ratio Lower Upper
84 100
86 65.7 46.8 86.8
49 117.9 87.5 162.5

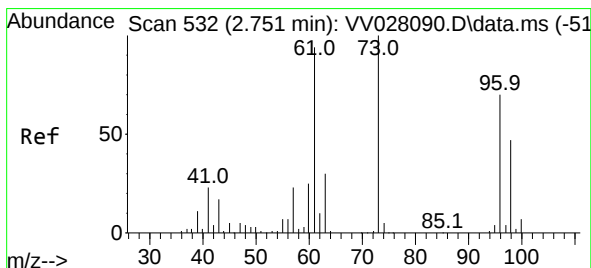
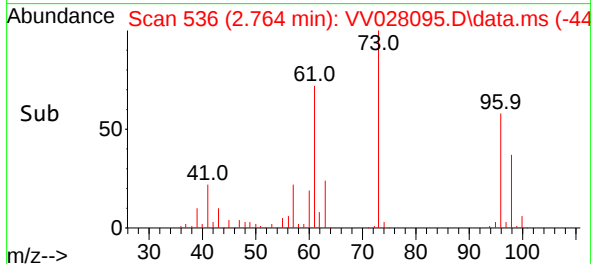
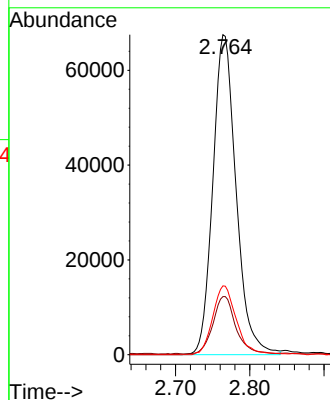
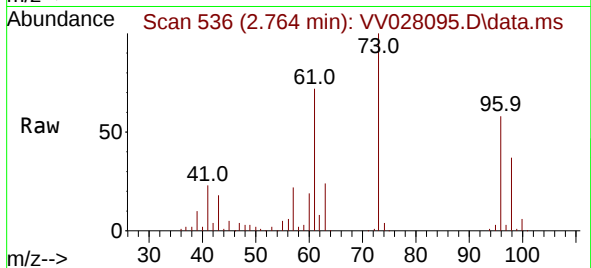




#17
Methyl tert-butyl Ether
Concen: 5.094 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

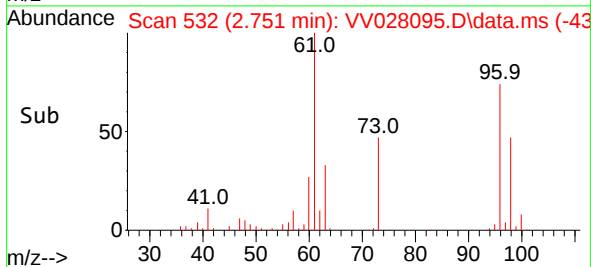
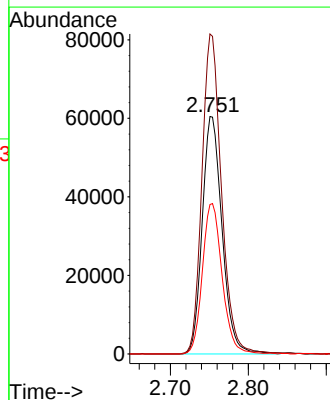
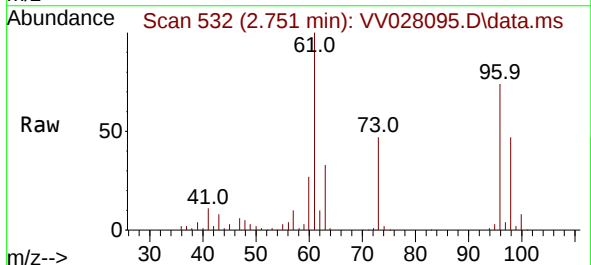
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

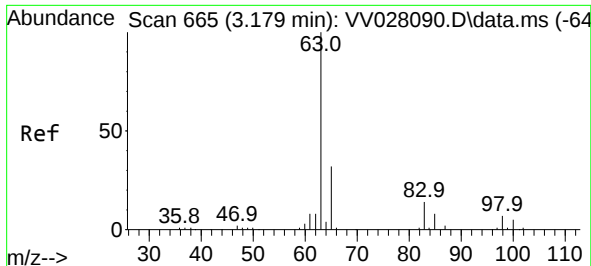
Tgt Ion: 73 Resp: 146868
Ion Ratio Lower Upper
73 100
43 17.6 15.7 23.5
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 9.124 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion: 96 Resp: 107053
Ion Ratio Lower Upper
96 100
61 134.8 96.2 178.6
98 63.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 261.567 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

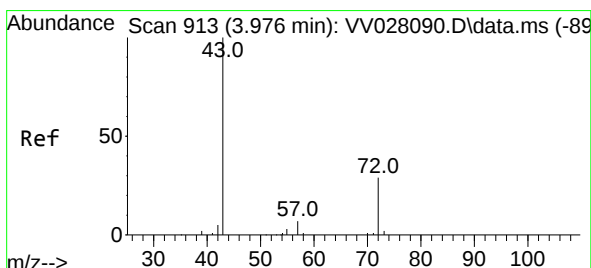
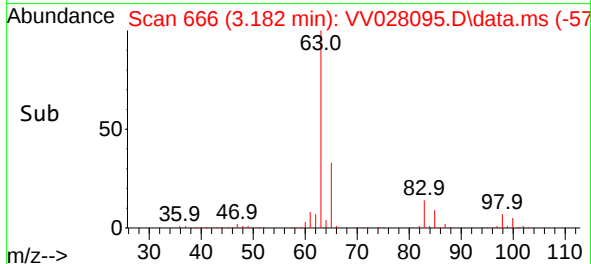
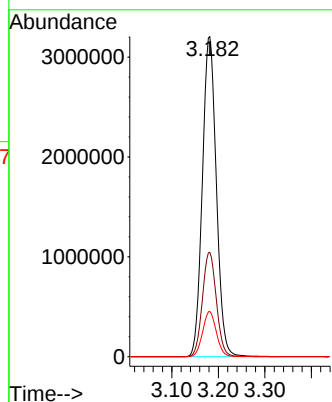
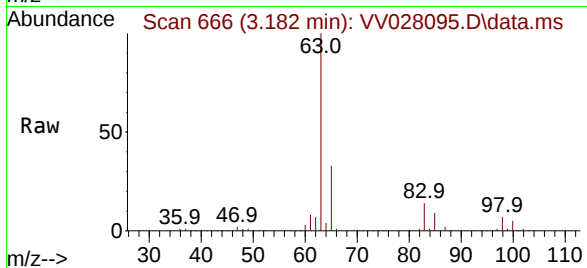
MSVOA_V

ClientSampleId :

EXZ32MS

Tgt Ion: 63 Resp: 6695245

Ion	Ratio	Lower	Upper
63	100		
65	32.6	23.0	42.8
83	14.1	9.2	17.2



#21

2-Butanone

Concen: 46.170 ug/L

RT: 3.986 min Scan# 916

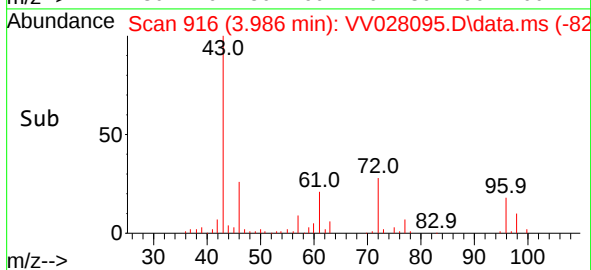
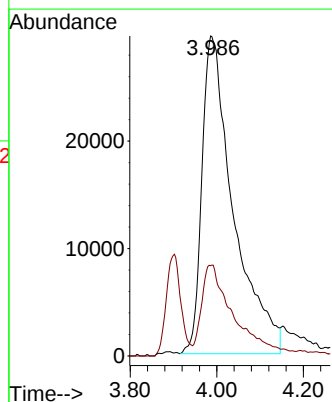
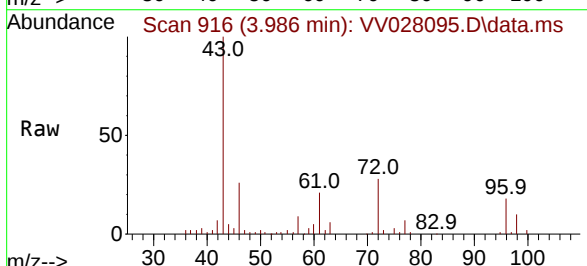
Delta R.T. 0.010 min

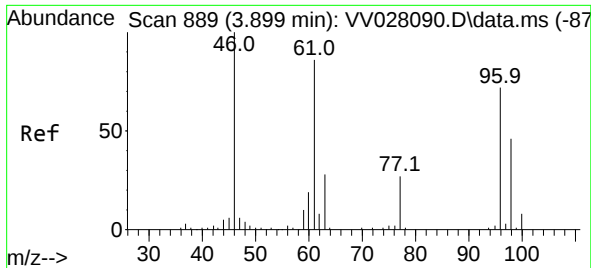
Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Tgt Ion: 43 Resp: 149465

Ion	Ratio	Lower	Upper
43	100		
72	25.5	12.7	38.1



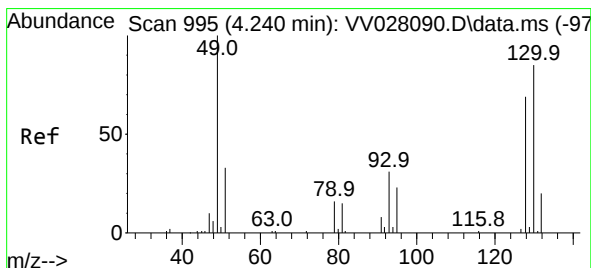
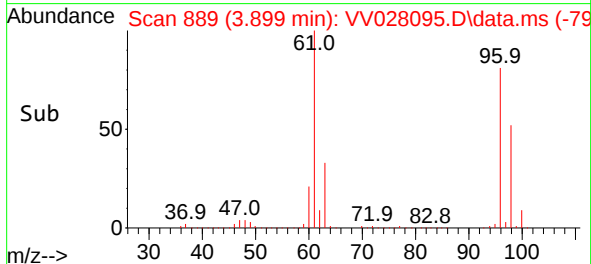
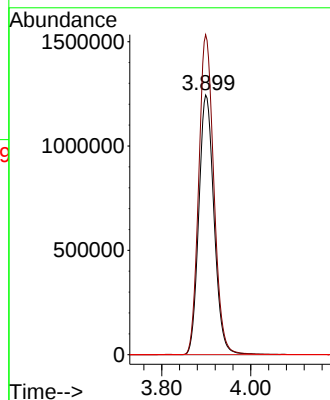
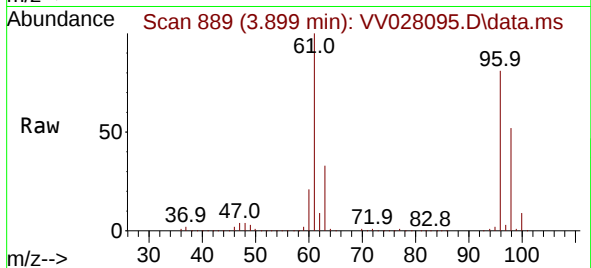


#22
 cis-1,2-Dichloroethene
 Concen: 191.950 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. -0.000 min
 Lab File: VV028095.D
 Acq: 23 Sep 2022 11:48

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32MS

Tgt Ion: 96 Resp: 2955324

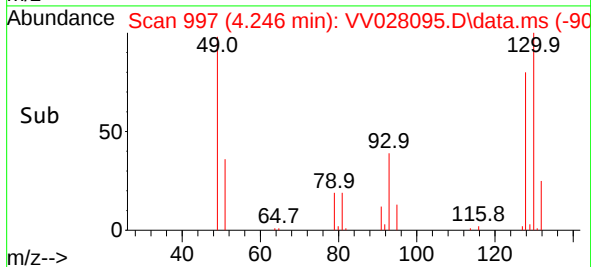
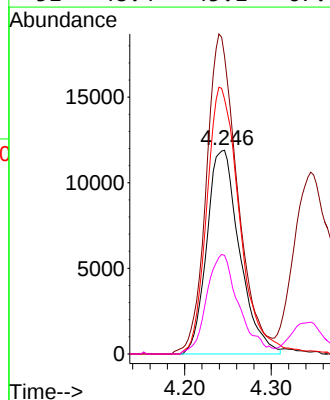
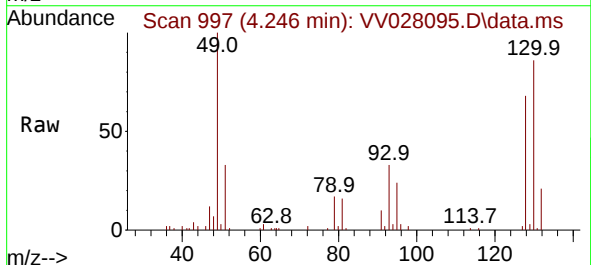
Ion	Ratio	Lower	Upper
96	100		
61	123.3	87.2	161.9
68	0.0	0.0	0.0

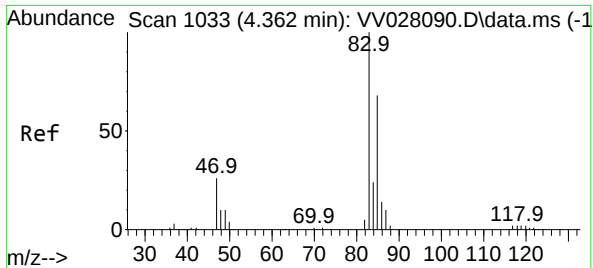


#23
 Bromochloromethane
 Concen: 5.055 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VV028095.D
 Acq: 23 Sep 2022 11:48

Tgt Ion:128 Resp: 31163

Ion	Ratio	Lower	Upper
128	100		
49	146.2	119.9	222.7
130	125.2	94.6	175.8
51	48.4	45.1	67.7

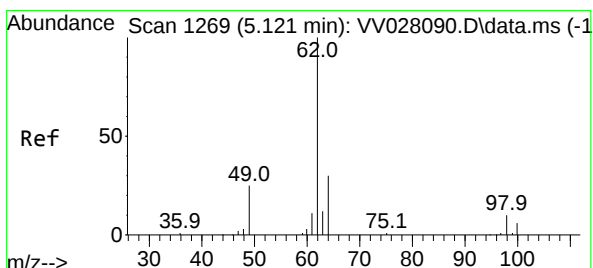
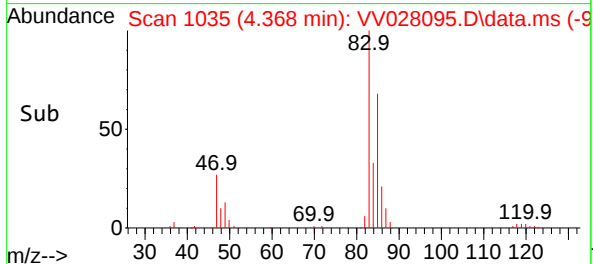
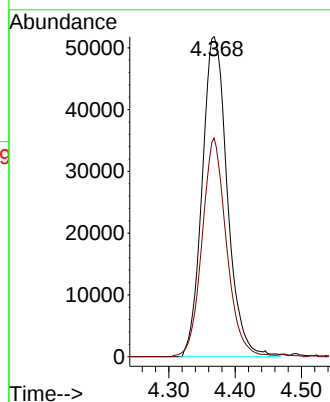
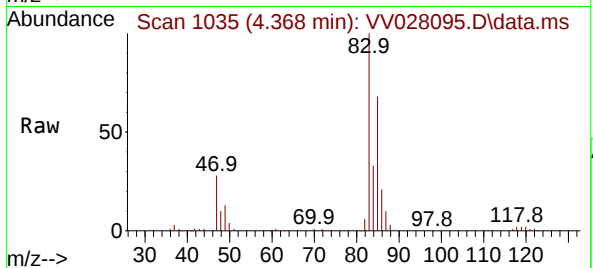




#25
Chloroform
Concen: 4.969 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

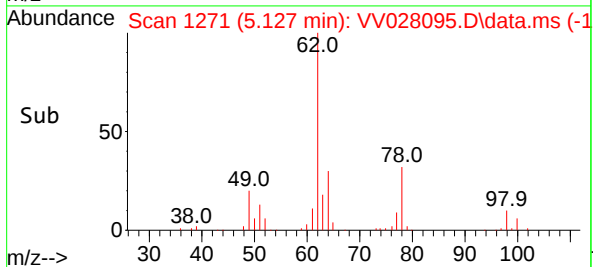
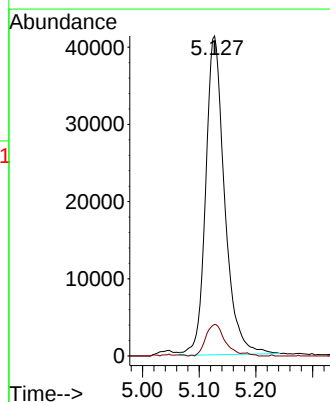
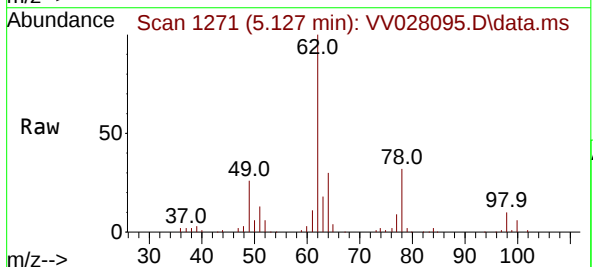
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

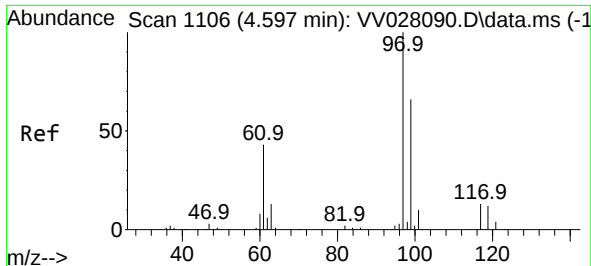
Tgt Ion: 83 Resp: 136491
Ion Ratio Lower Upper
83 100
85 68.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 6.564 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion: 62 Resp: 96136
Ion Ratio Lower Upper
62 100
98 9.8 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 29.325 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MS

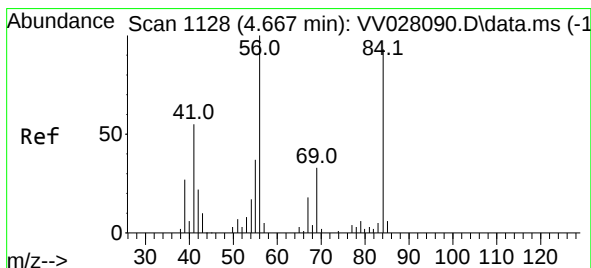
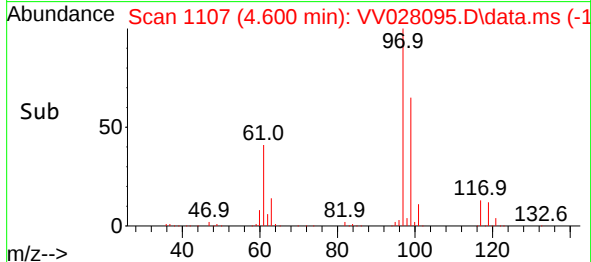
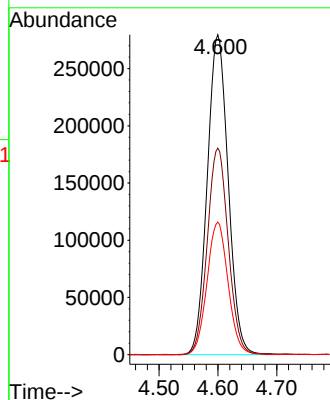
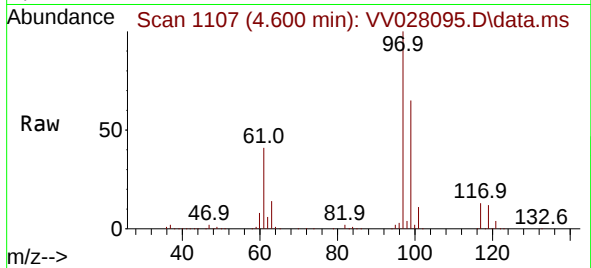
Tgt Ion: 97 Resp: 692113

Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

61 41.8 34.8 52.2



#30

Cyclohexane

Concen: 4.860 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

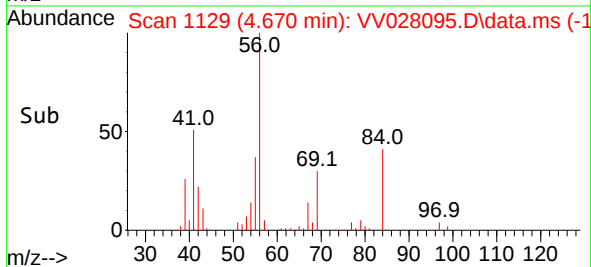
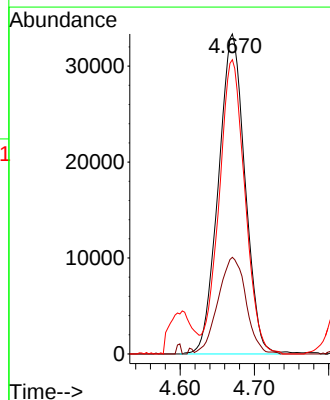
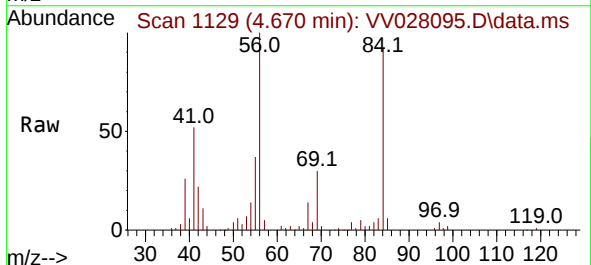
Tgt Ion: 56 Resp: 82959

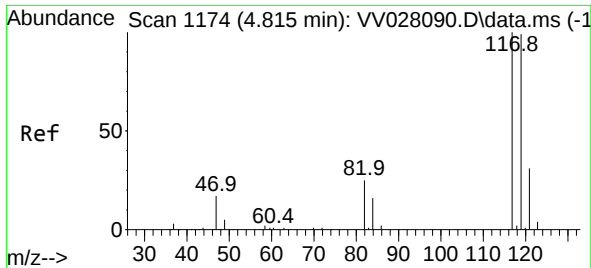
Ion Ratio Lower Upper

56 100

69 31.6 23.7 35.5

84 89.5 67.3 100.9

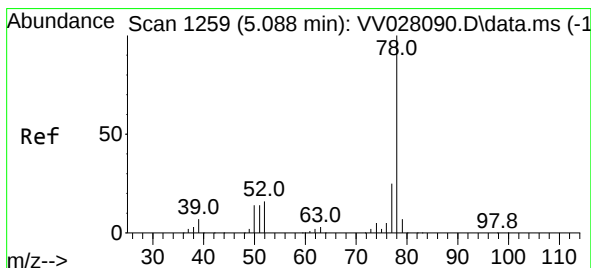
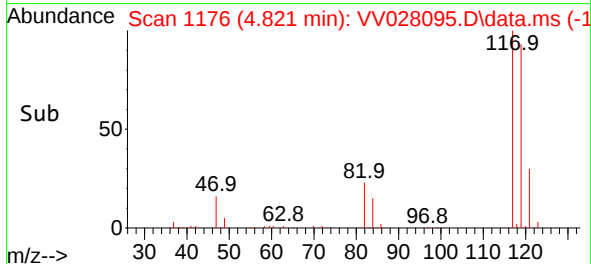
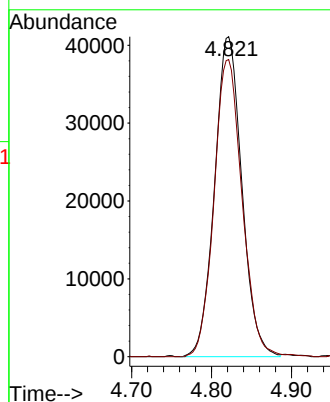
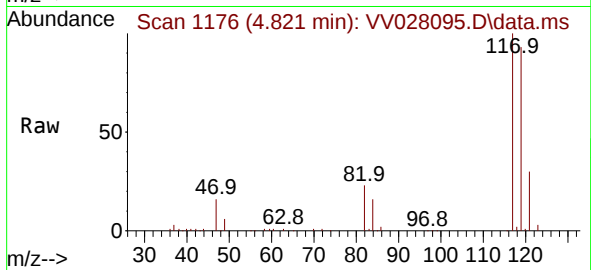




#31
Carbon tetrachloride
Concen: 5.013 ug/L
RT: 4.821 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

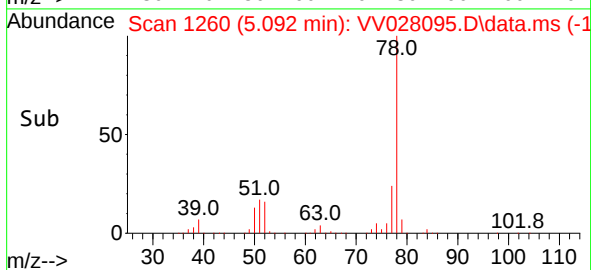
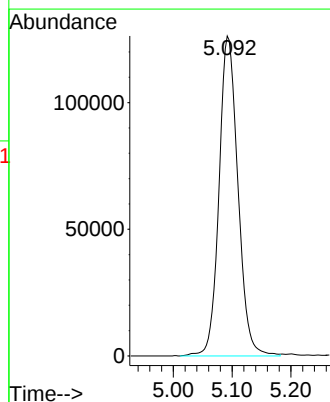
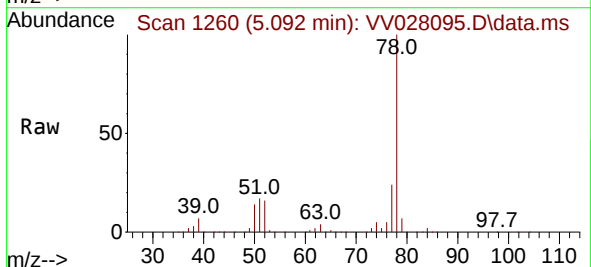
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

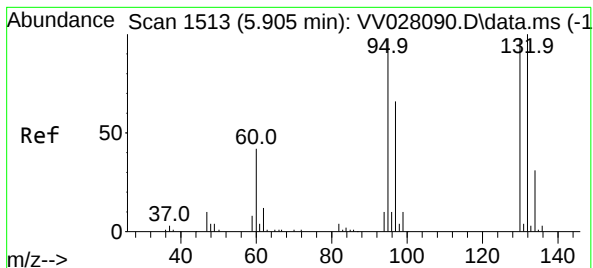
Tgt Ion:117 Resp: 97361
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3



#33
Benzene
Concen: 5.293 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion: 78 Resp: 282315





#34

Trichloroethene

Concen: 7.312 ug/L

RT: 5.908 min Scan# 1513

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MS

Tgt Ion: 95 Resp: 97084

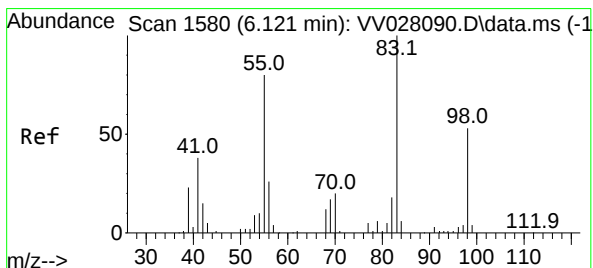
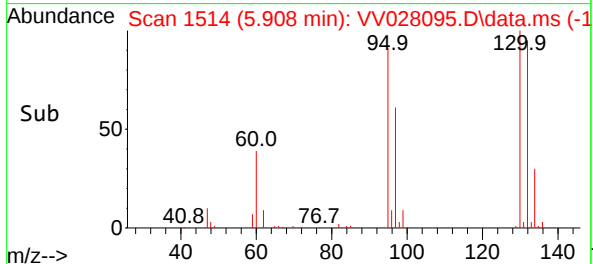
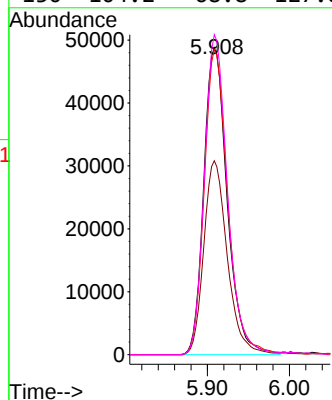
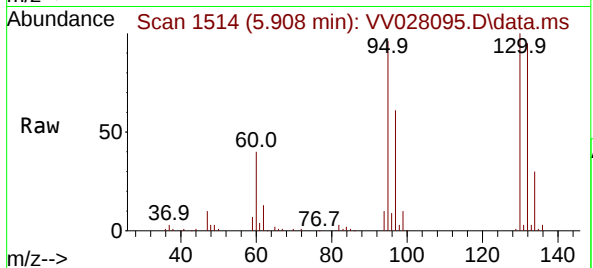
Ion Ratio Lower Upper

95 100

97 63.2 44.2 82.0

132 99.4 67.8 126.0

130 104.2 68.8 127.8



#35

Methylcyclohexane

Concen: 5.139 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.006 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

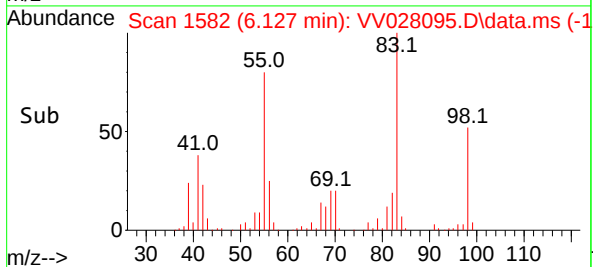
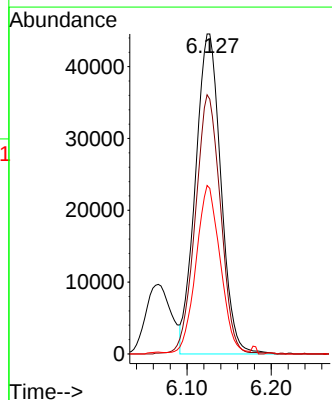
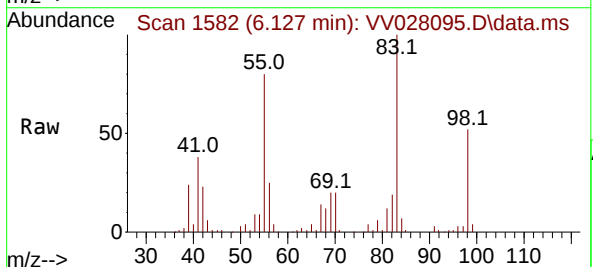
Tgt Ion: 83 Resp: 93578

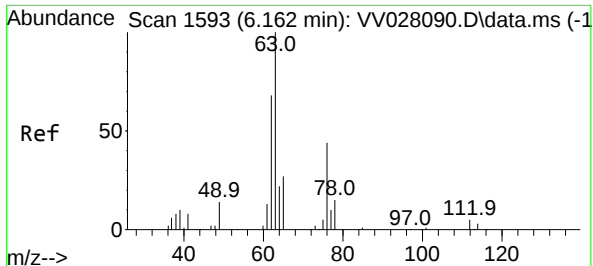
Ion Ratio Lower Upper

83 100

55 80.2 64.7 97.1

98 49.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.735 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

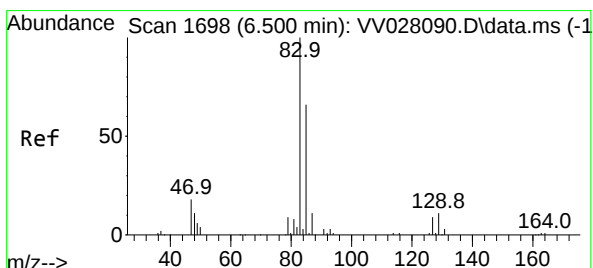
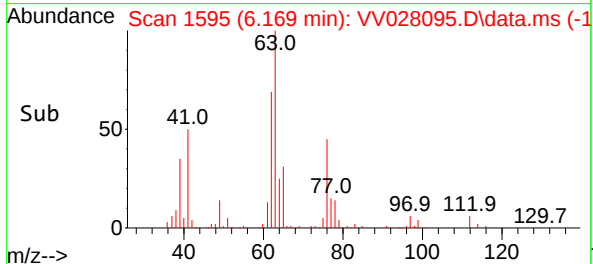
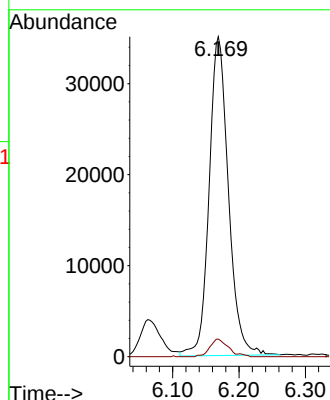
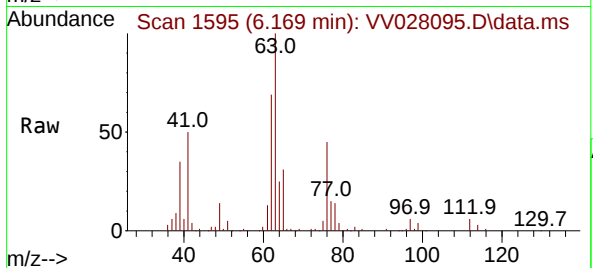
EXZ32MS

Tgt Ion: 63 Resp: 70802

Ion Ratio Lower Upper

63 100

112 5.3 3.5 5.3#



#38

Bromodichloromethane

Concen: 5.018 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

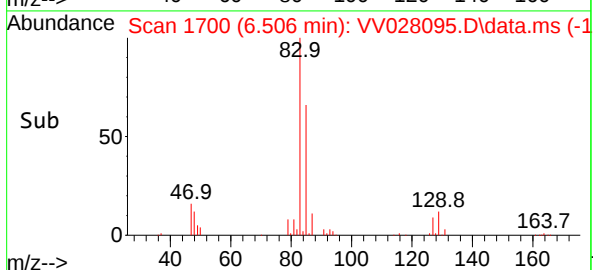
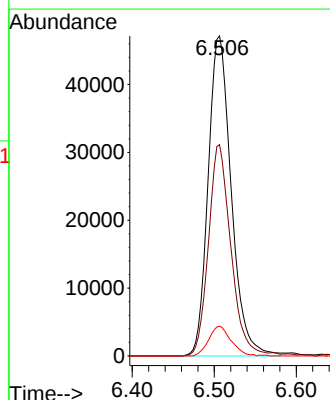
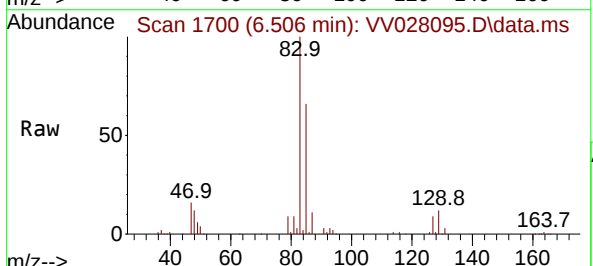
Tgt Ion: 83 Resp: 92632

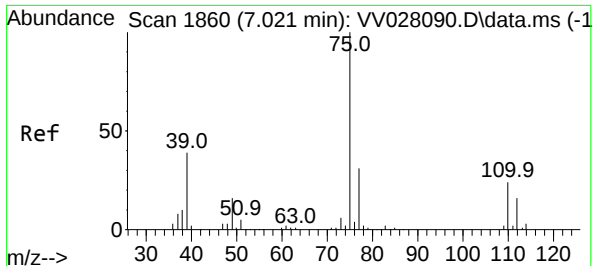
Ion Ratio Lower Upper

83 100

85 66.0 43.8 81.4

127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.991 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

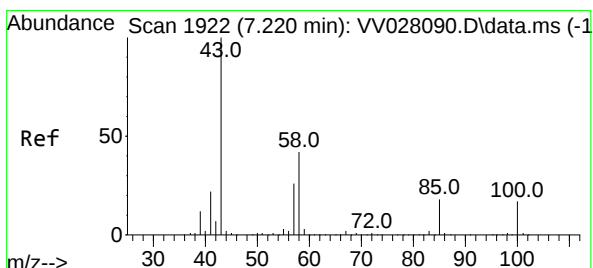
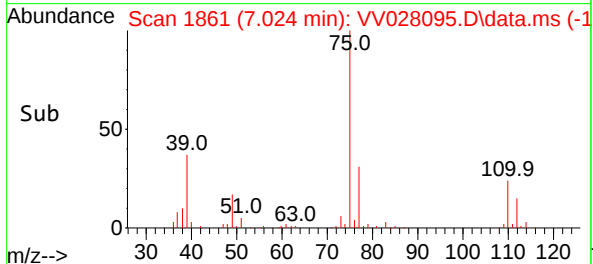
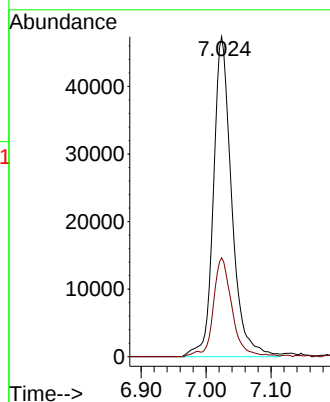
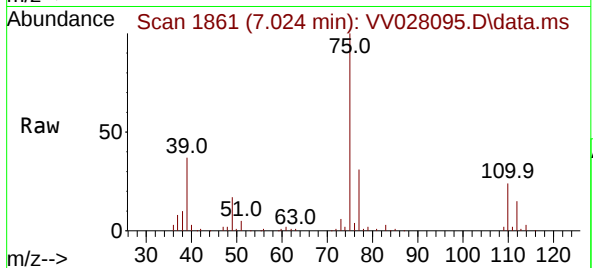
EXZ32MS

Tgt Ion: 75 Resp: 92697

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 51.432 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

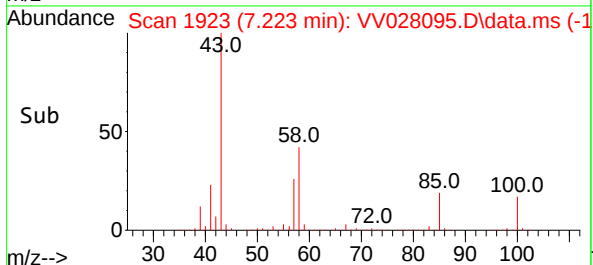
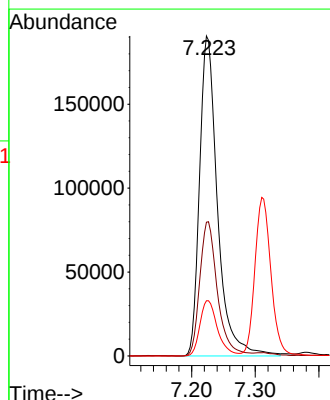
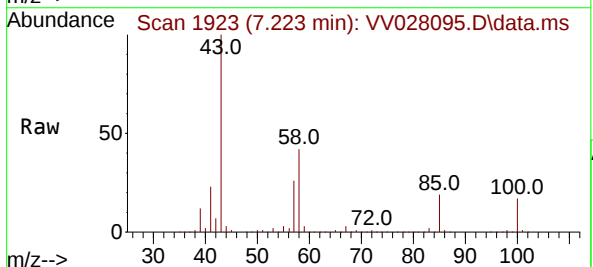
Tgt Ion: 43 Resp: 373470

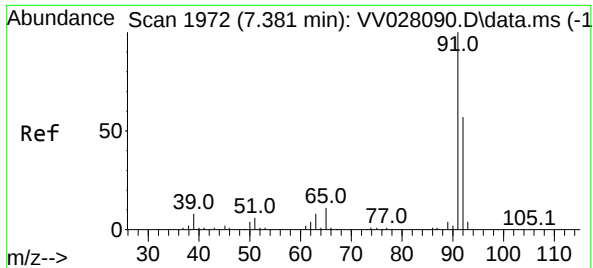
Ion Ratio Lower Upper

43 100

58 41.5 32.2 48.4

100 17.0 12.7 19.1





#42

Toluene

Concen: 5.529 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

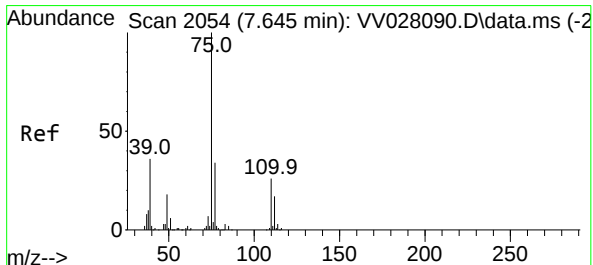
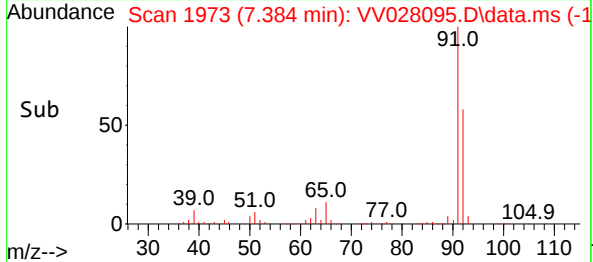
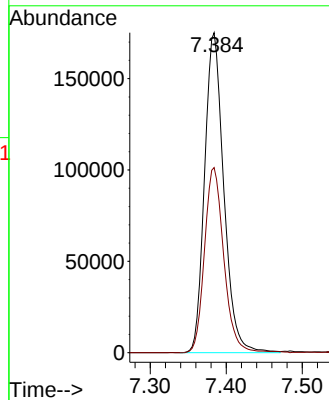
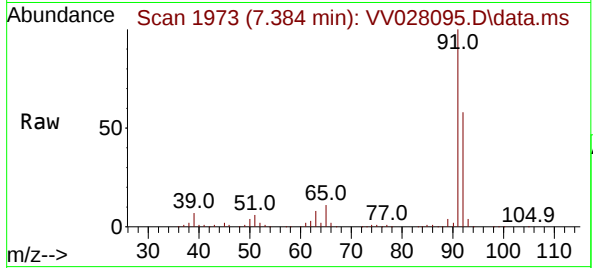
EXZ32MS

Tgt Ion: 91 Resp: 307618

Ion Ratio Lower Upper

91 100

92 57.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.075 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028095.D

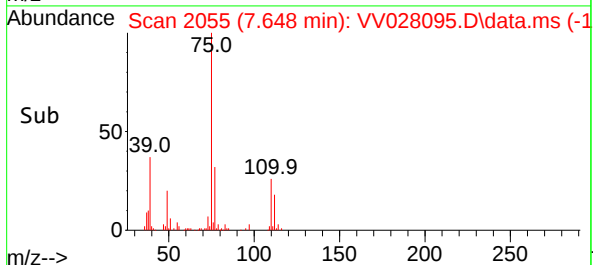
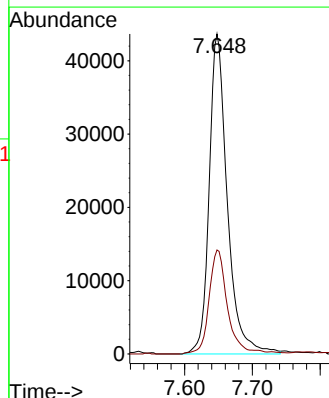
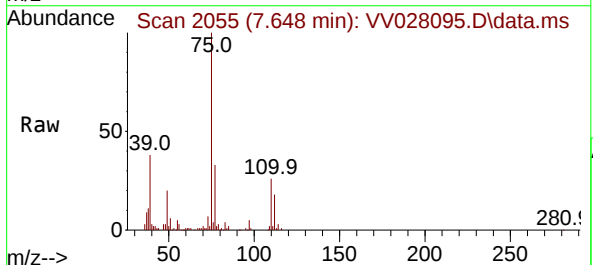
Acq: 23 Sep 2022 11:48

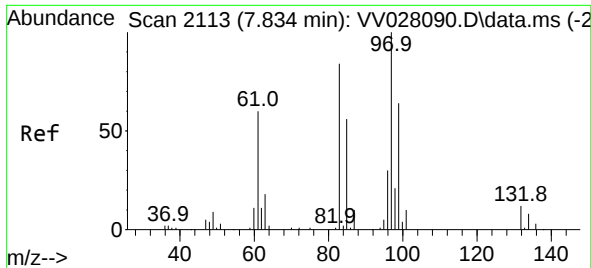
Tgt Ion: 75 Resp: 81079

Ion Ratio Lower Upper

75 100

77 32.5 23.9 44.3

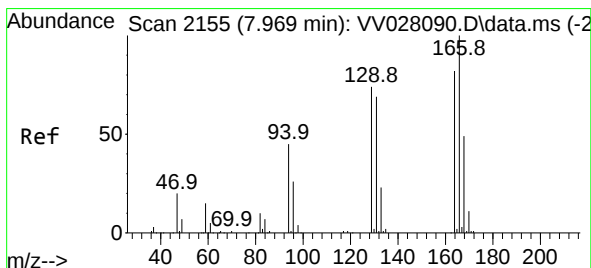
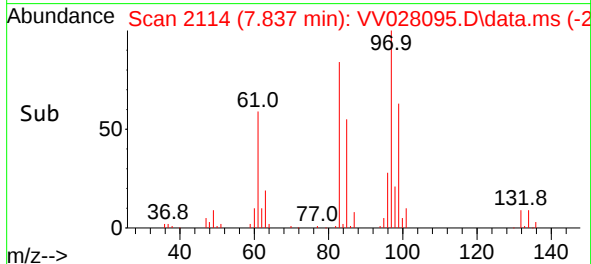
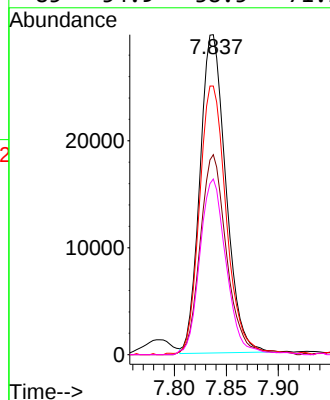
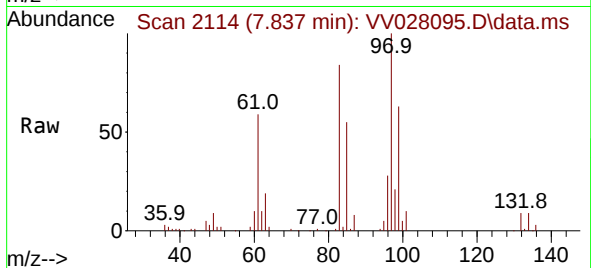




#45
1,1,2-Trichloroethane
Concen: 5.159 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

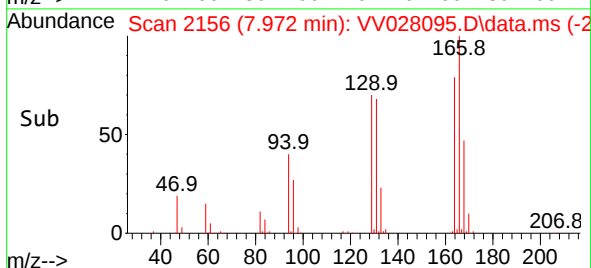
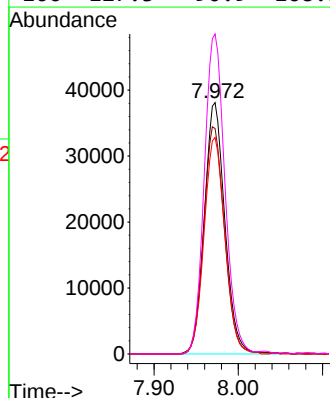
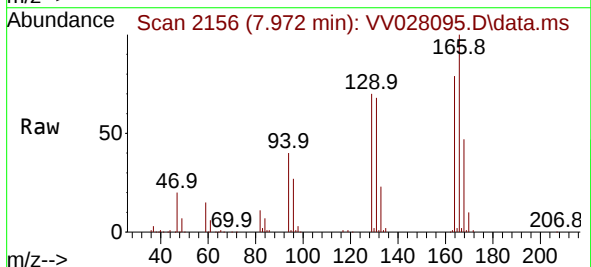
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

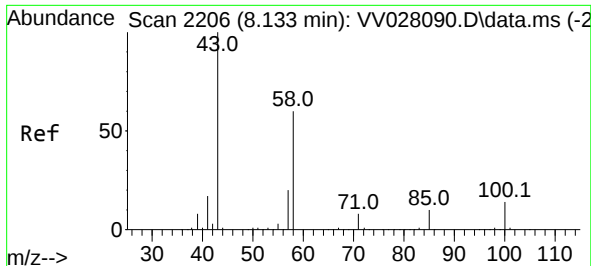
Tgt Ion: 97	Resp: 51706
Ion Ratio	Lower Upper
97 100	
99 62.5	43.2 80.2
83 84.0	59.1 109.9
85 54.9	38.5 71.5



#47
Tetrachloroethene
Concen: 6.116 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt	Ion:164	Resp:	64821
Ion	Ratio	Lower	Upper
164	100		
129	89.7	66.7	123.9
131	86.1	61.7	114.5
166	127.3	90.9	168.9

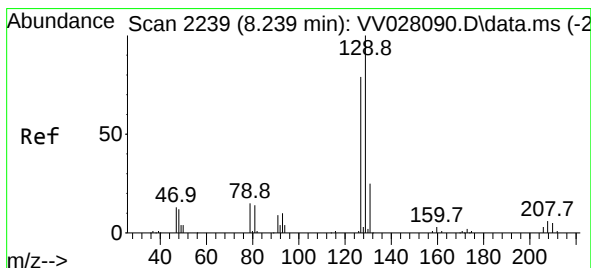
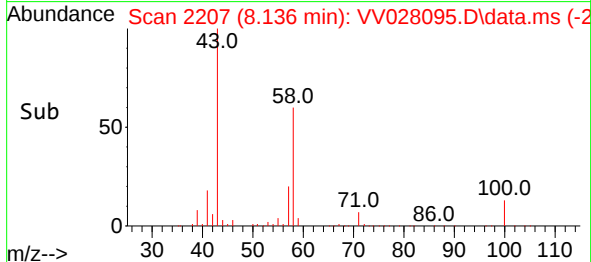
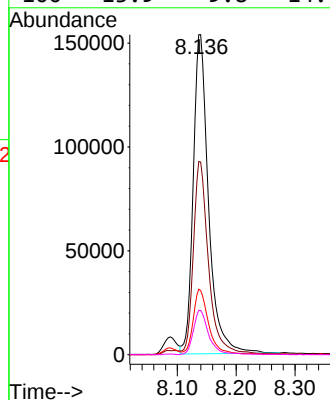
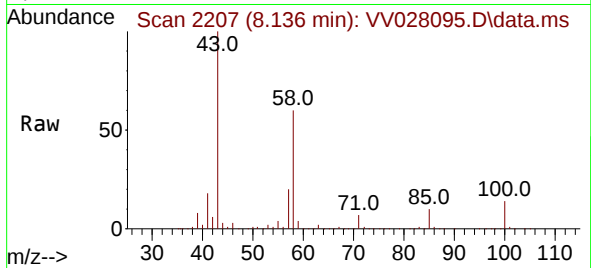




#48
2-Hexanone
Concen: 50.581 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

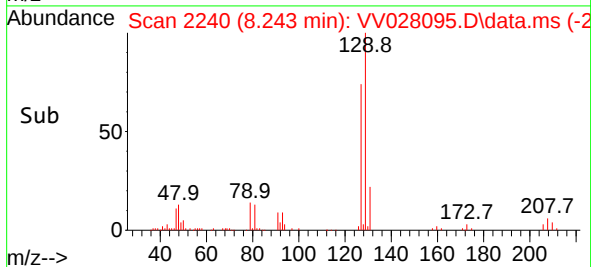
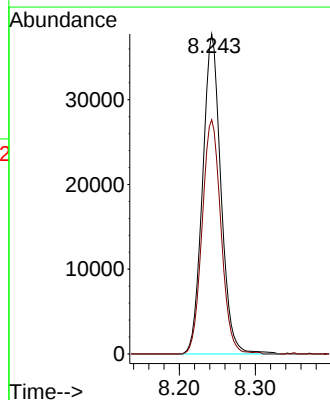
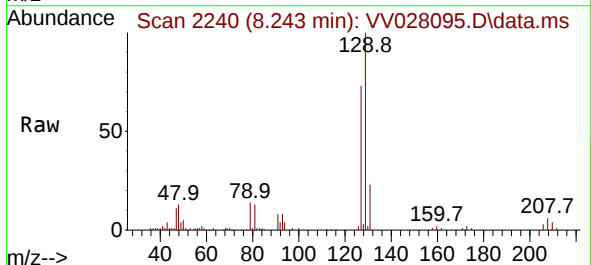
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

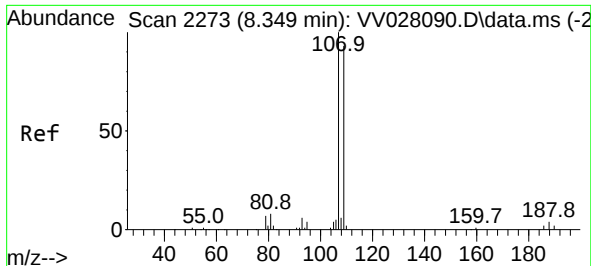
Tgt Ion: 43 Resp: 278827
Ion Ratio Lower Upper
43 100
58 58.9 45.7 68.5
57 19.7 15.5 23.3
100 13.9 9.8 14.6



#49
Dibromochloromethane
Concen: 5.246 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion: 129 Resp: 63220
Ion Ratio Lower Upper
129 100
127 73.2 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.004 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MS

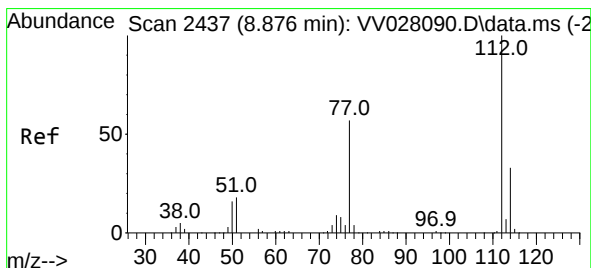
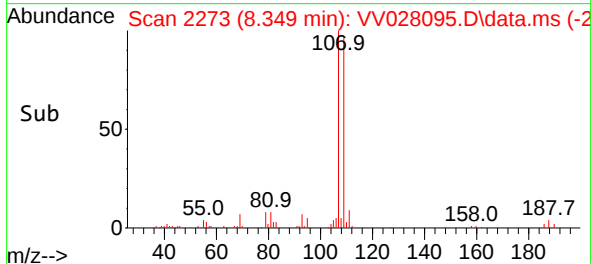
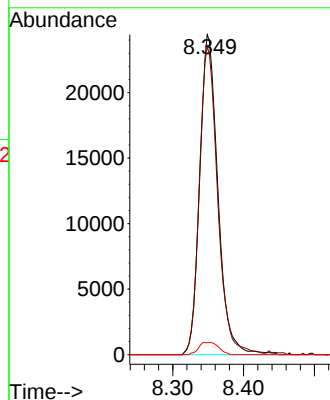
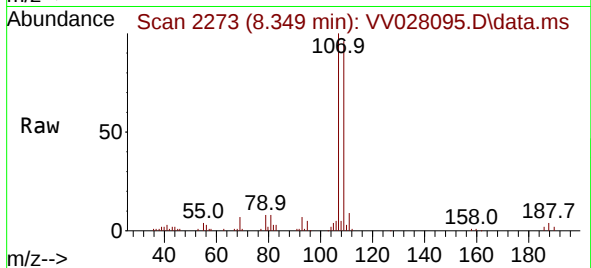
Tgt Ion:107 Resp: 43590

Ion Ratio Lower Upper

107 100

109 96.4 65.9 122.5

188 3.7 3.4 5.0



#51

Chlorobenzene

Concen: 5.048 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

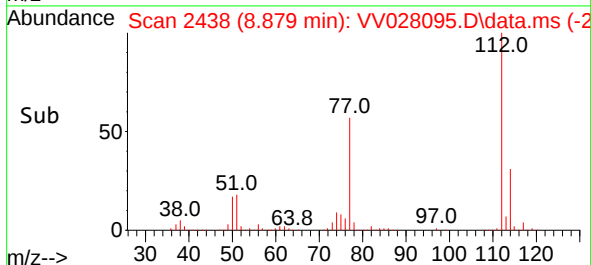
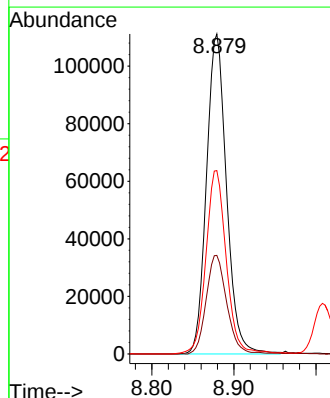
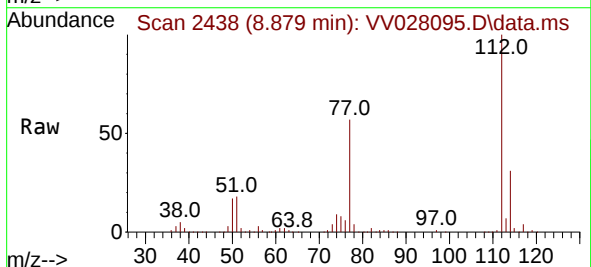
Tgt Ion:112 Resp: 188398

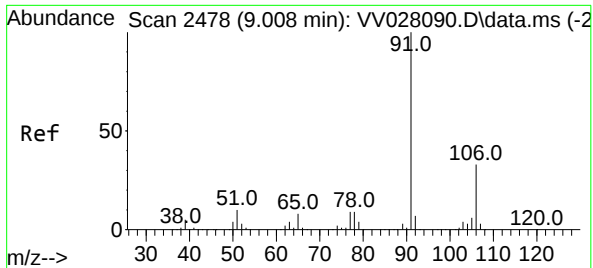
Ion Ratio Lower Upper

112 100

114 30.8 22.5 41.7

77 57.3 46.1 69.1

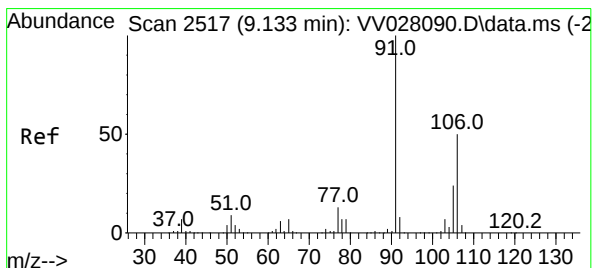
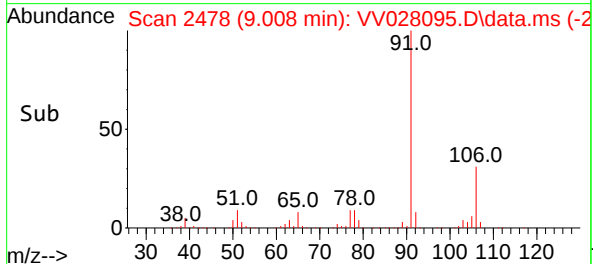
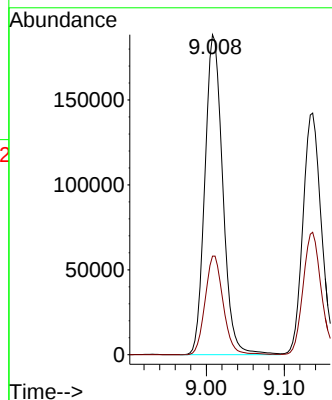
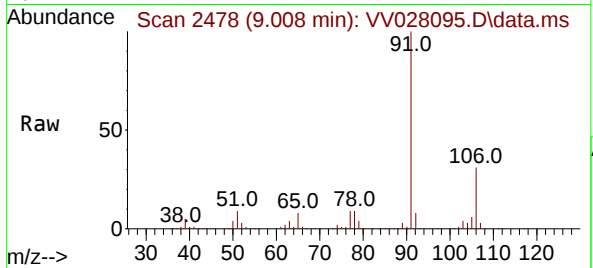




#52
Ethylbenzene
Concen: 5.110 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

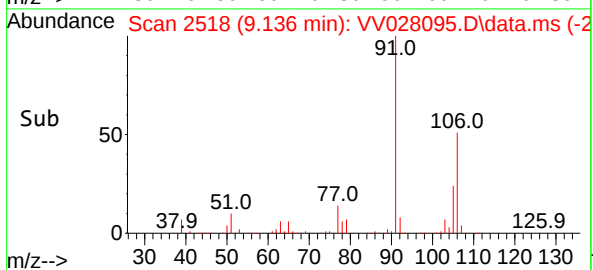
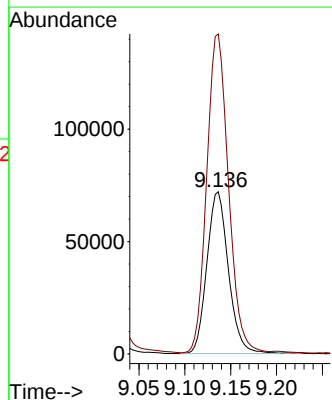
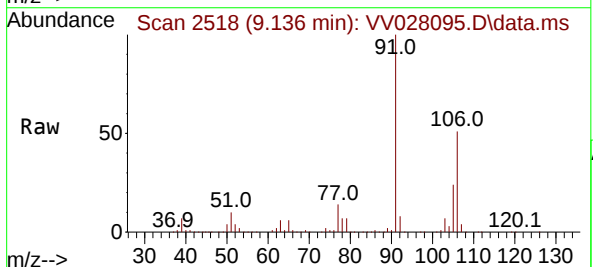
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

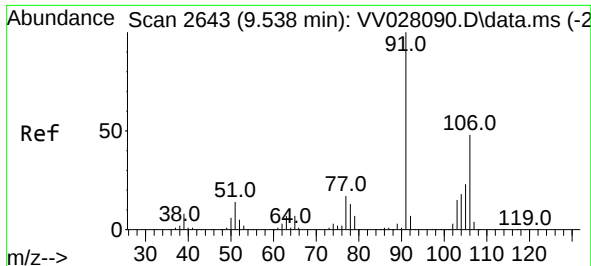
Tgt Ion: 91 Resp: 300785
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9



#53
m,p-Xylene
Concen: 5.213 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion: 106 Resp: 117596
Ion Ratio Lower Upper
106 100
91 197.3 141.9 263.5

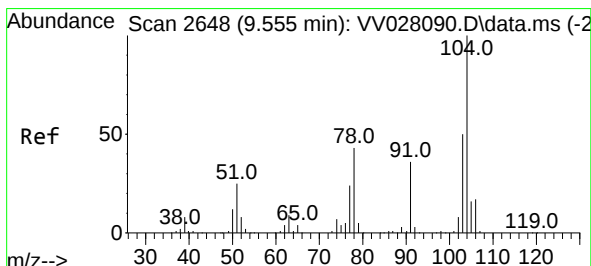
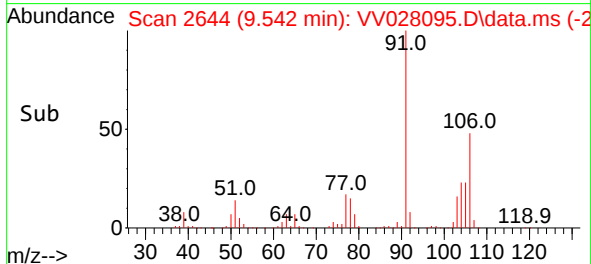
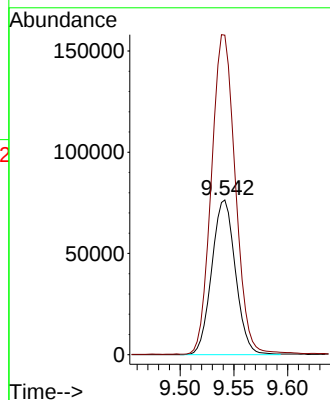
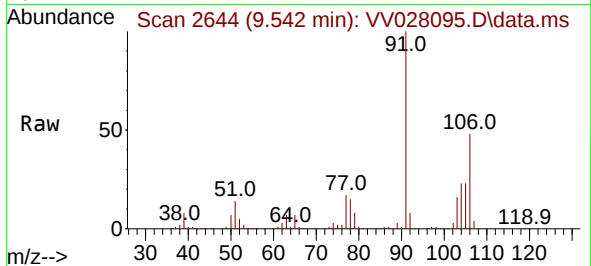




#54
o-Xylene
Concen: 5.260 ug/L
RT: 9.542 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

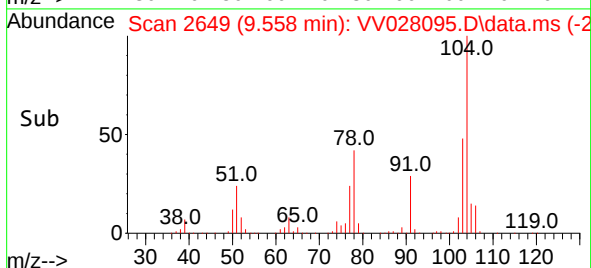
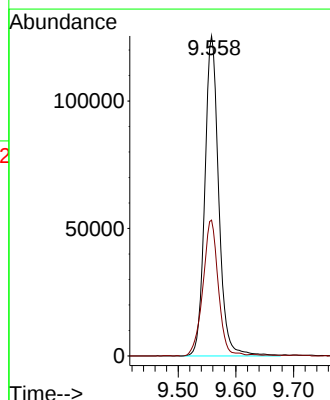
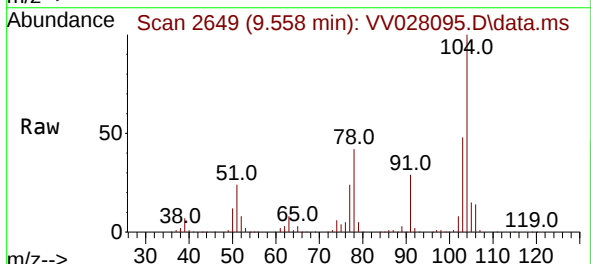
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

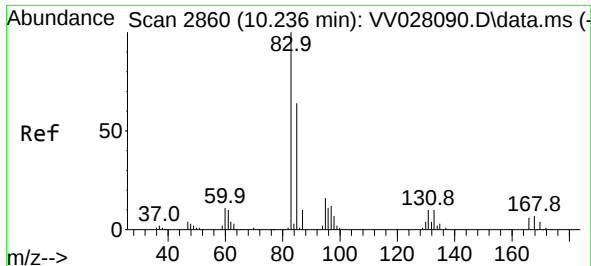
Tgt Ion:106 Resp: 117178
Ion Ratio Lower Upper
106 100
91 206.5 148.1 275.0



#55
Styrene
Concen: 5.446 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion:104 Resp: 210231
Ion Ratio Lower Upper
104 100
78 42.5 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.345 ug/L

RT: 10.239 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MS

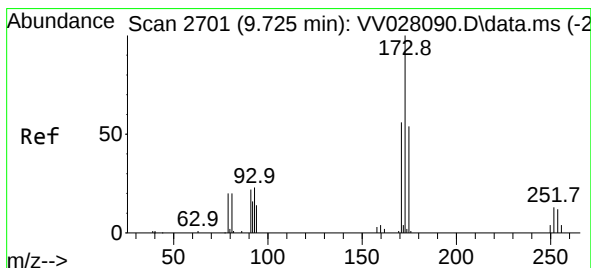
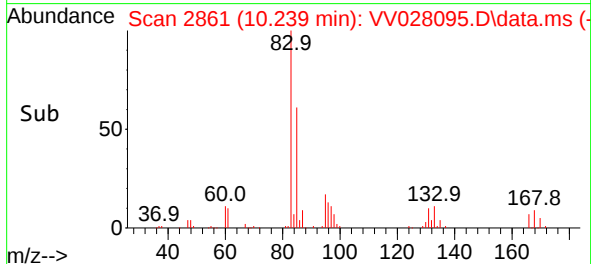
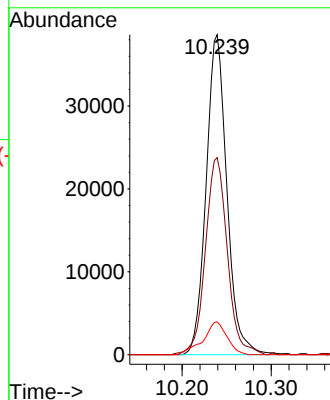
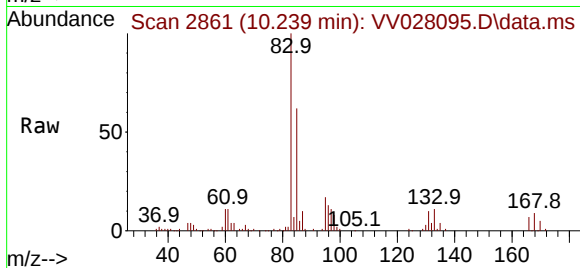
Tgt Ion: 83 Resp: 62428

Ion Ratio Lower Upper

83 100

85 61.6 45.2 84.0

131 10.2 7.8 11.8



#59

Bromoform

Concen: 5.002 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.003 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

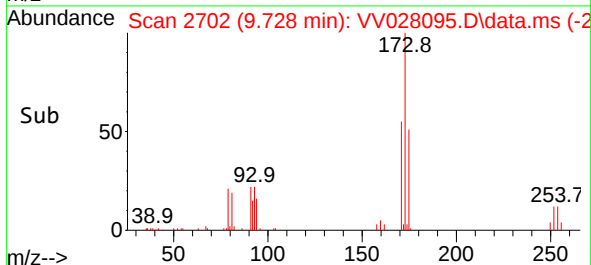
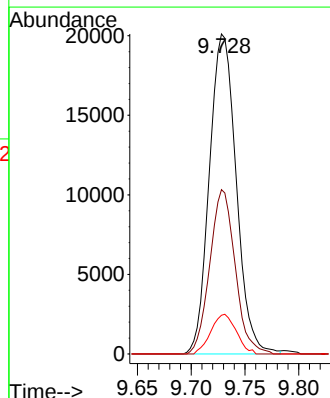
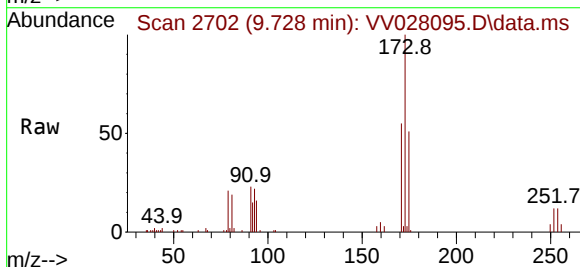
Tgt Ion:173 Resp: 34913

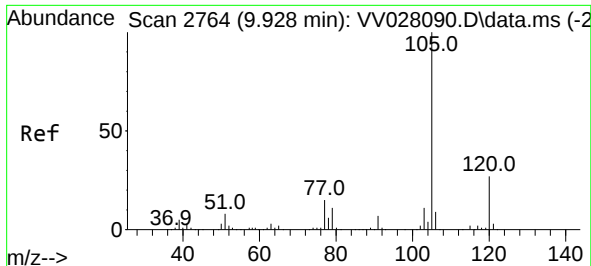
Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.4

254 11.7 8.7 13.1

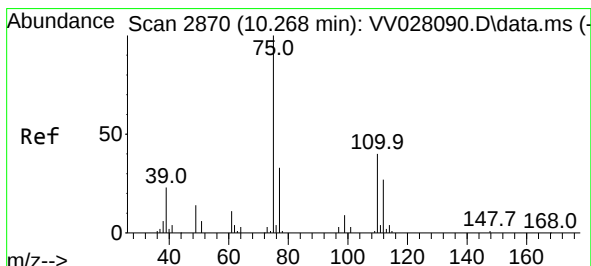
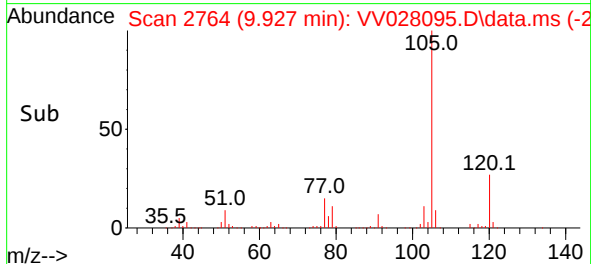
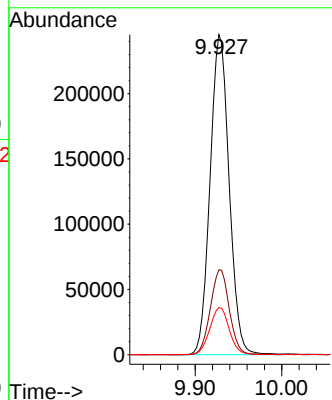
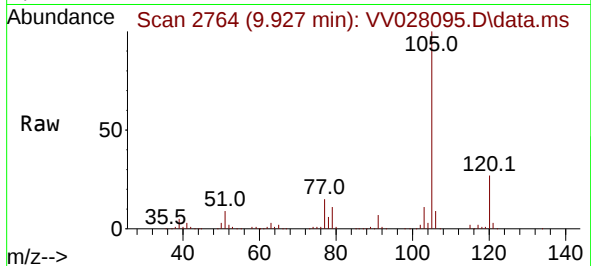




#60
Isopropylbenzene
Concen: 5.806 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

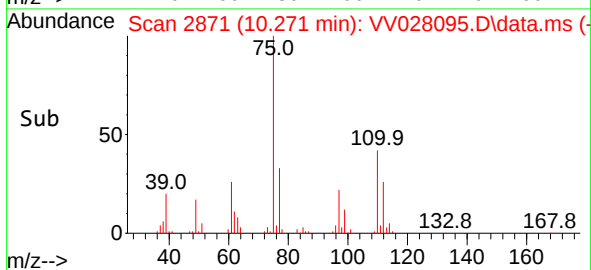
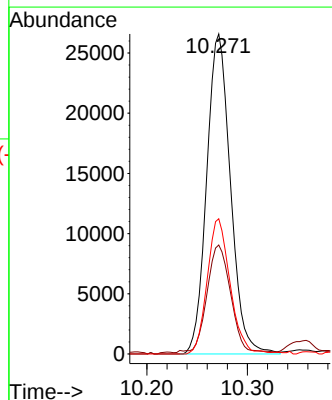
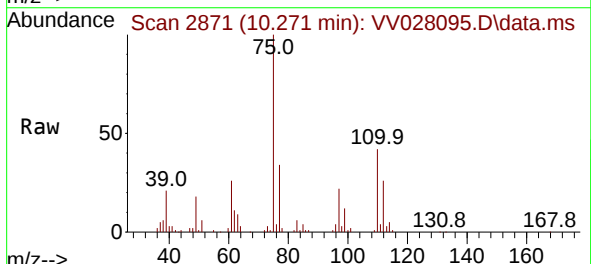
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

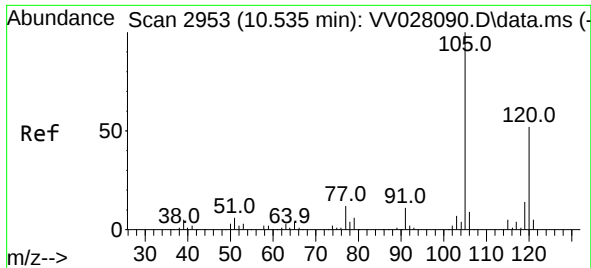
Tgt Ion:105 Resp: 374654
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.743 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion: 75 Resp: 43736
Ion Ratio Lower Upper
75 100
77 33.3 26.7 40.1
110 40.6 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.704 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

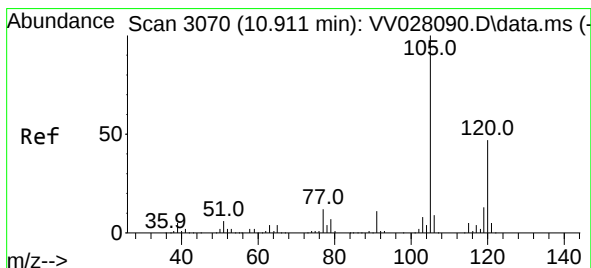
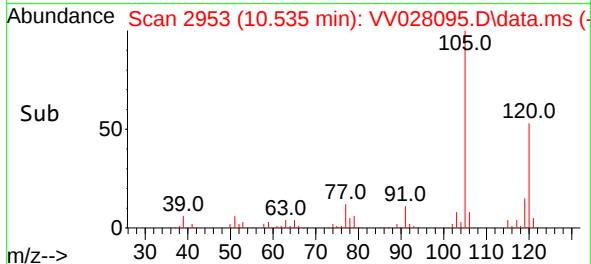
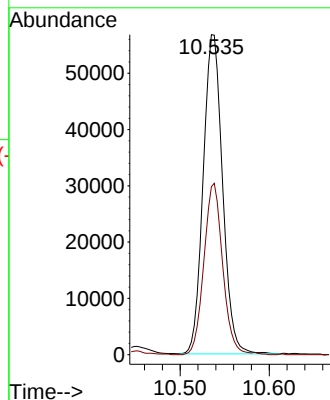
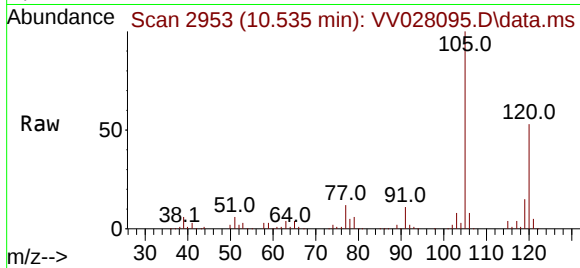
EXZ32MS

Tgt Ion:105 Resp: 85510

Ion Ratio Lower Upper

105 100

120 52.2 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.087 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028095.D

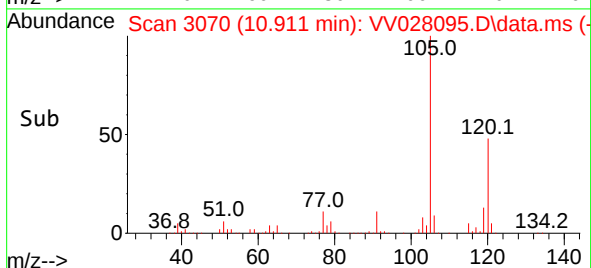
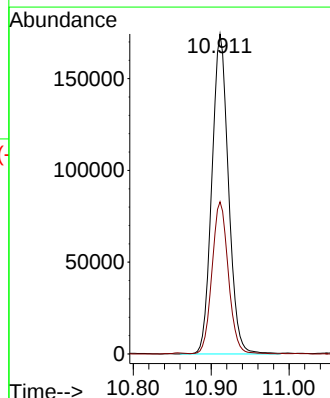
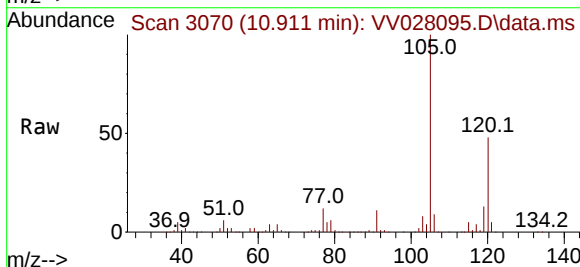
Acq: 23 Sep 2022 11:48

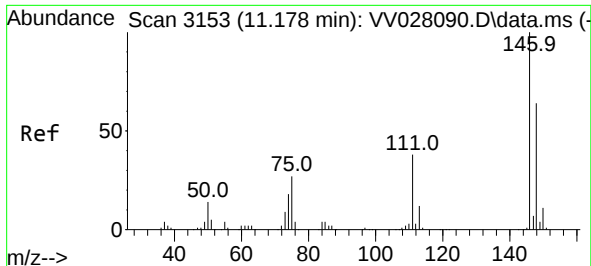
Tgt Ion:105 Resp: 258491

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8

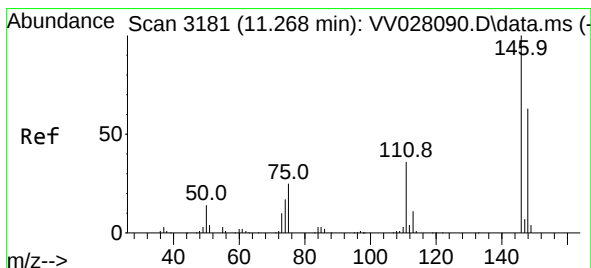
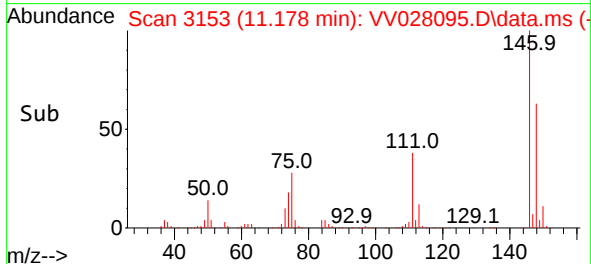
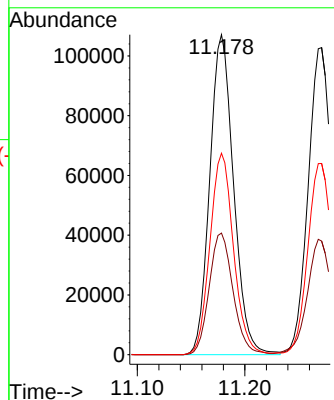
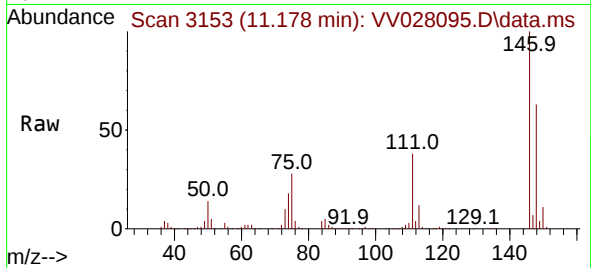




#64
1,3-Dichlorobenzene
Concen: 5.131 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

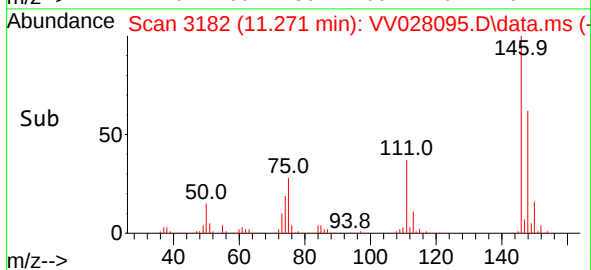
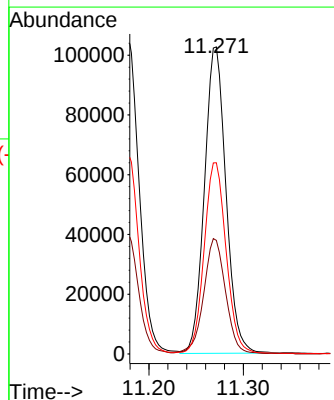
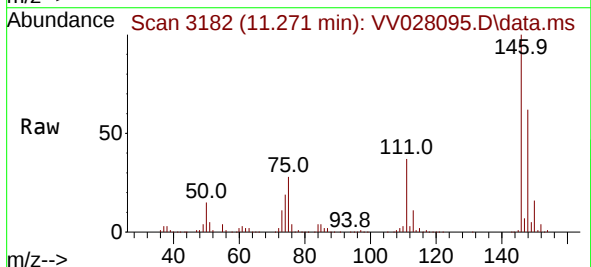
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

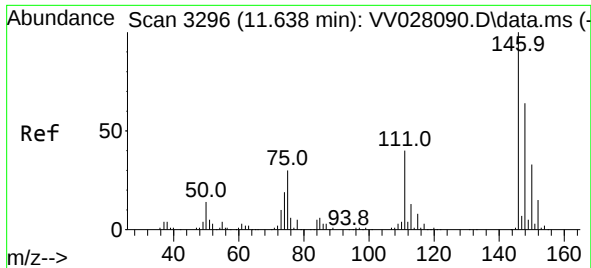
Tgt Ion:146 Resp: 164768
Ion Ratio Lower Upper
146 100
111 38.0 27.1 50.3
148 62.9 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.050 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion:146 Resp: 162251
Ion Ratio Lower Upper
146 100
111 37.0 26.2 48.8
148 62.2 45.8 85.2

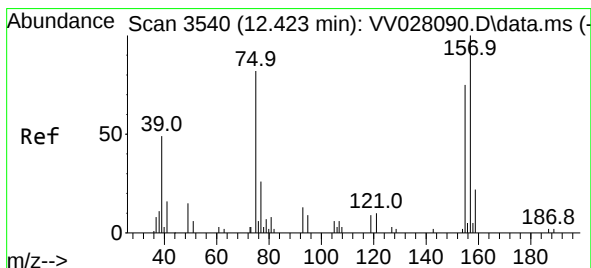
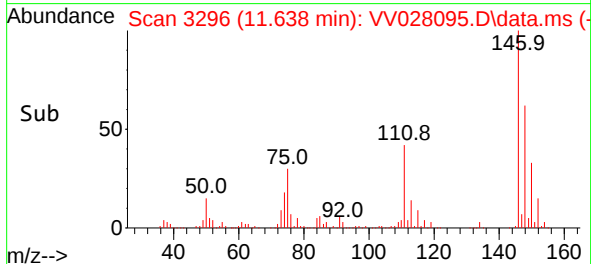
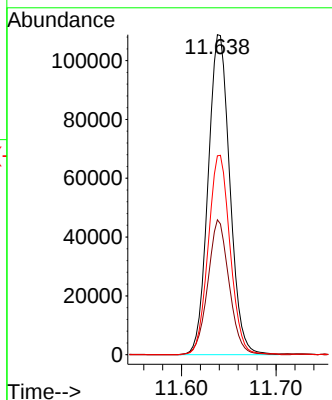
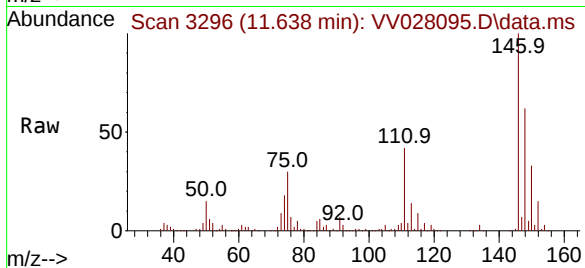




#67
1,2-Dichlorobenzene
Concen: 5.723 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

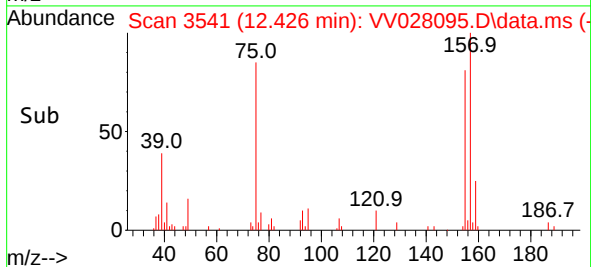
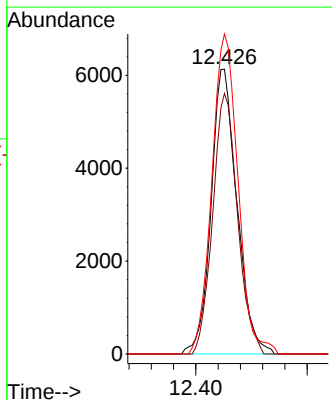
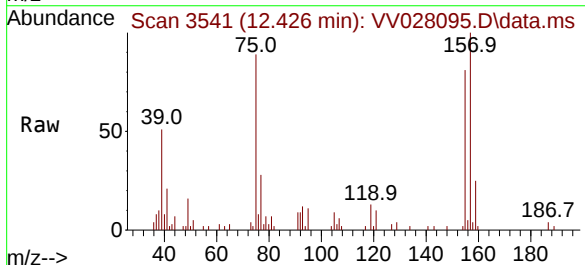
Instrument :
MSVOA_V
ClientSampleId :
EXZ32MS

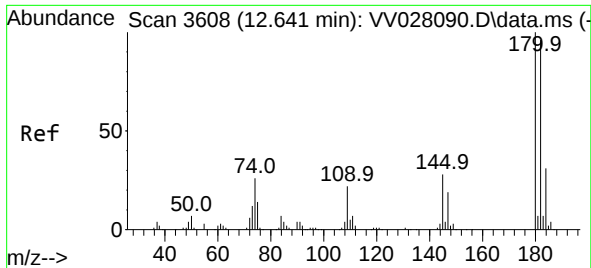
Tgt Ion:146 Resp: 173614
Ion Ratio Lower Upper
146 100
111 42.1 32.6 49.0
148 62.2 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.895 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV028095.D
Acq: 23 Sep 2022 11:48

Tgt Ion: 75 Resp: 9894
Ion Ratio Lower Upper
75 100
155 91.5 73.6 110.4
157 112.4 90.7 136.1

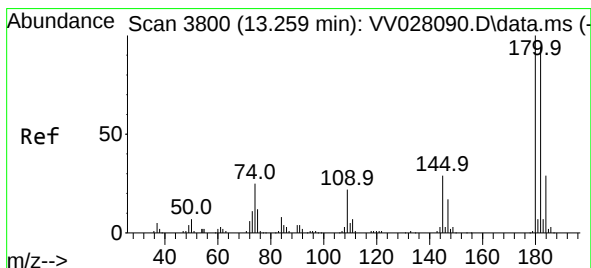
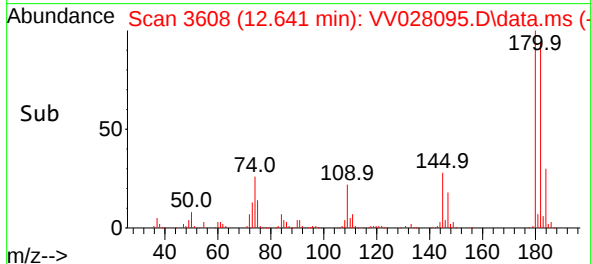
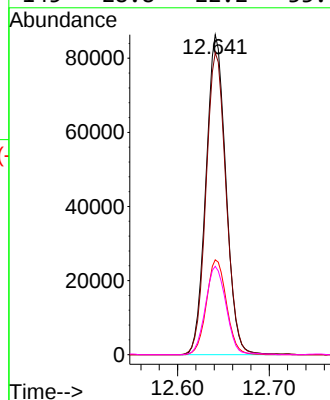
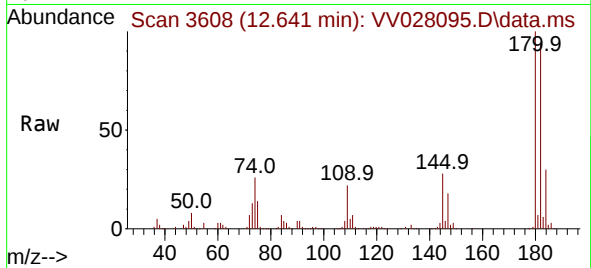




#69
 1,3,5-Trichlorobenzene
 Concen: 5.125 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV028095.D
 Acq: 23 Sep 2022 11:48

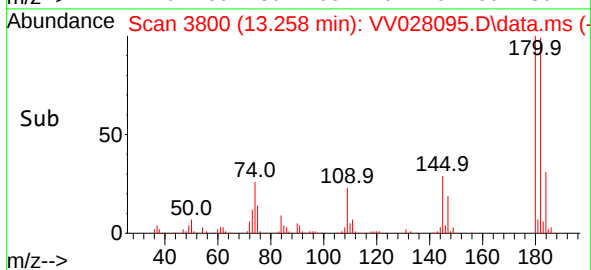
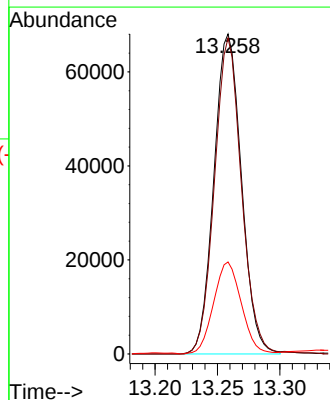
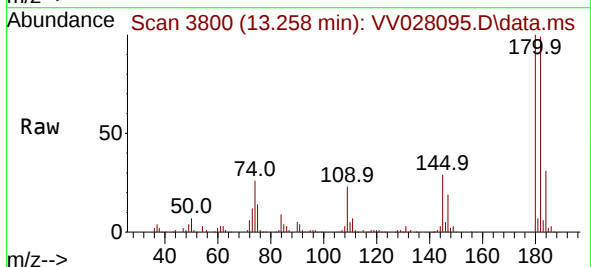
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32MS

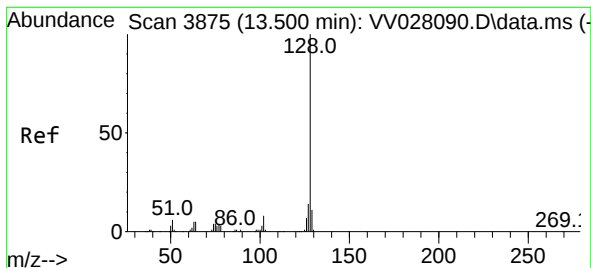
Tgt Ion:180	Resp:	130259
Ion Ratio	Lower	Upper
180	100	
182	95.4	75.5 113.3
184	29.9	23.7 35.5
145	28.8	22.2 33.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.146 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV028095.D
 Acq: 23 Sep 2022 11:48

Tgt Ion:180	Resp:	104592
Ion Ratio	Lower	Upper
180	100	
182	97.0	76.3 114.5
145	29.0	22.9 34.3





#71

Naphthalene

Concen: 4.896 ug/L

RT: 13.500 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Instrument :

MSVOA_V

ClientSampleId :

EXZ32MS

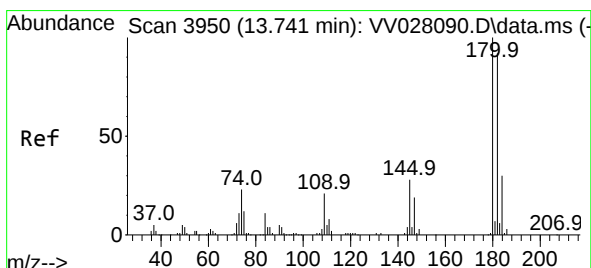
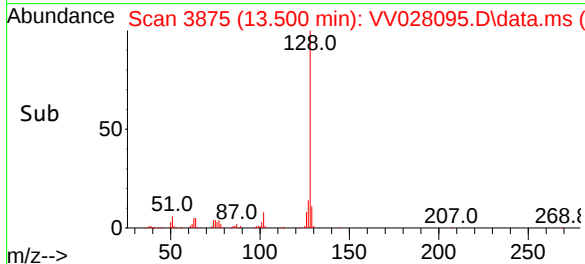
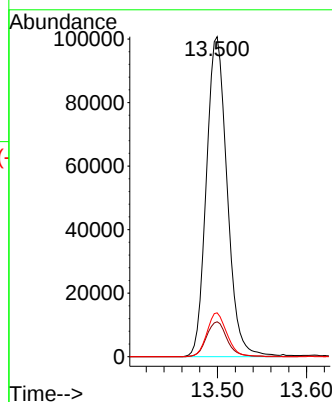
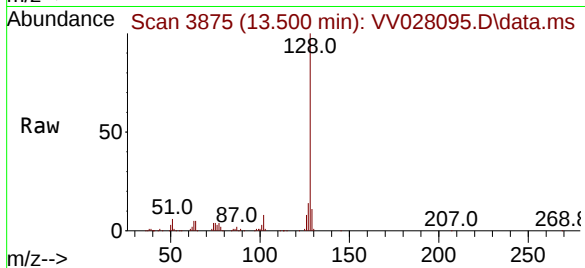
Tgt Ion:128 Resp: 162979

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.2

127 13.2 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.124 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV028095.D

Acq: 23 Sep 2022 11:48

Tgt Ion:180 Resp: 94219

Ion Ratio Lower Upper

180 100

182 95.3 77.4 116.0

145 31.4 24.6 36.8

