

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028215.D
 Acq On : 30 Sep 2022 02:59
 Operator : SY/MD
 Sample : N4865-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MSD

Quant Time: Sep 30 06:23:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	169001	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66445	3.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.561	69	57911	4.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.101	63	115938	3.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.902	46	109885	37.149	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.300%
24) Chloroform-d	4.339	84	116542	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.027	65	49314	3.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
32) Benzene-d6	5.043	84	219554	3.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.066	67	62734	3.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.310	98	235454	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.622	79	22338	3.609	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.085	63	99786	38.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48879	4.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	80717	4.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	52884	4.190	ug/L	95
3) Chloromethane	1.237	50	46381	2.775	ug/L	96
5) Vinyl chloride	1.304	62	56679	4.325	ug/L	88
6) Bromomethane	1.516	94	22564	2.644	ug/L	92
8) Chloroethane	1.581	64	52066	5.925	ug/L	85
9) Trichlorofluoromethane	1.748	101	96785	4.651	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	56529	4.714	ug/L	97
12) 1,1-Dichloroethene	2.111	96	50030	4.284	ug/L	84
13) Acetone	2.191	43	81071	35.583	ug/L	97
14) Carbon disulfide	2.285	76	86857	3.875	ug/L	99
15) Methyl Acetate	2.439	43	13412	3.032	ug/L #	84
16) Methylene chloride	2.500	84	65637	5.034	ug/L	86
17) Methyl tert-butyl Ether	2.764	73	107693	4.286	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	45179	4.419	ug/L	96
19) 1,1-Dichloroethane	3.182	63	90121	4.041	ug/L	98
21) 2-Butanone	3.976	43	101667	36.043	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	53515	3.989	ug/L	96
23) Bromochloromethane	4.243	128	25480	4.743	ug/L #	73
25) Chloroform	4.368	83	103429	4.322	ug/L	97

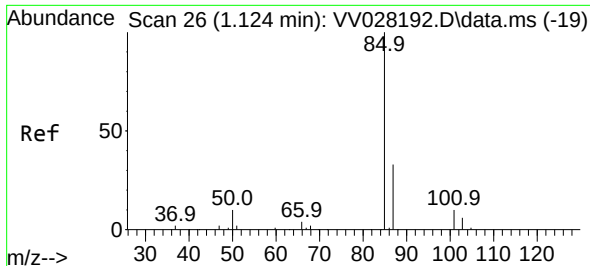
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	55304	4.334	ug/L #	93
29) 1,1,1-Trichloroethane	4.600	97	93517	4.540	ug/L	97
30) Cyclohexane	4.670	56	54632	3.667	ug/L	85
31) Carbon tetrachloride	4.822	117	75844	4.474	ug/L	98
33) Benzene	5.092	78	196206	4.214	ug/L	100
34) Trichloroethene	5.908	95	49823	4.299	ug/L	94
35) Methylcyclohexane	6.127	83	63278	3.982	ug/L	92
37) 1,2-Dichloropropane	6.169	63	48540	3.719	ug/L #	97
38) Bromodichloromethane	6.506	83	68210	4.233	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	60998	3.763	ug/L	95
40) 4-Methyl-2-pentanone	7.223	43	255968	40.388	ug/L #	91
42) Toluene	7.384	91	248660	5.121	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	55451	3.977	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	41974	4.798	ug/L	99
47) Tetrachloroethene	7.973	164	44152	4.773	ug/L	96
48) 2-Hexanone	8.137	43	196853	40.915	ug/L #	95
49) Dibromochloromethane	8.239	129	48430	4.604	ug/L	97
50) 1,2-Dibromoethane	8.349	107	39537	5.200	ug/L	96
51) Chlorobenzene	8.879	112	150869	4.632	ug/L	98
52) Ethylbenzene	9.008	91	229455	4.466	ug/L	100
53) m,p-Xylene	9.137	106	102412	5.202	ug/L	98
54) o-Xylene	9.538	106	94699	4.871	ug/L	100
55) Styrene	9.558	104	158563	4.707	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	48048	4.714	ug/L	99
59) Bromoform	9.728	173	24370	4.089	ug/L	100
60) Isopropylbenzene	9.928	105	266710	4.841	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	32892	4.178	ug/L	94
62) 1,3,5-Trimethylbenzene	10.535	105	69612	4.486	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	197283	4.548	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128475	4.686	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	130939	4.774	ug/L	95
67) 1,2-Dichlorobenzene	11.638	146	125089	4.830	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	7176	4.159	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	106942	4.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	91094	5.249	ug/L	99
71) Naphthalene	13.496	128	139059	4.893	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	83596	5.326	ug/L	98

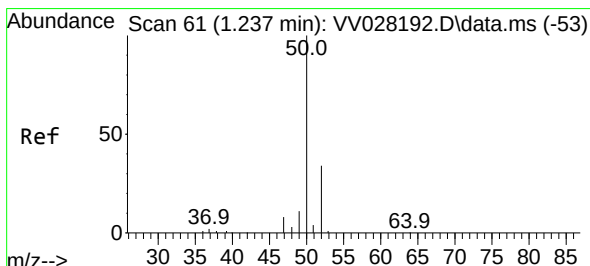
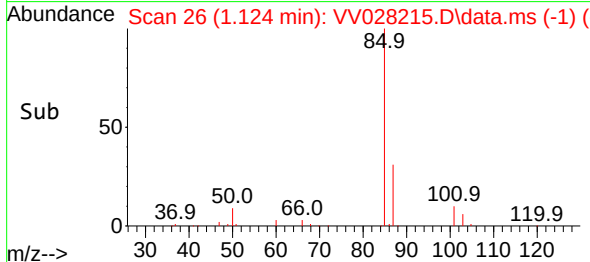
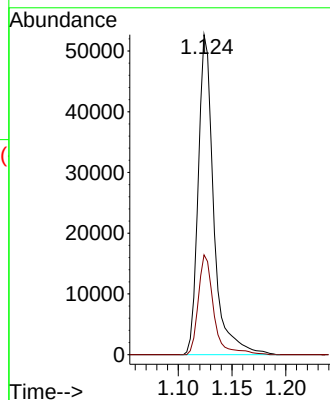
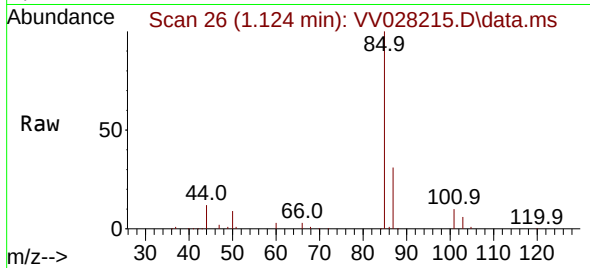
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#2
 Dichlorodifluoromethane
 Concen: 4.190 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028215.D
 Acq: 30 Sep 2022 02:59

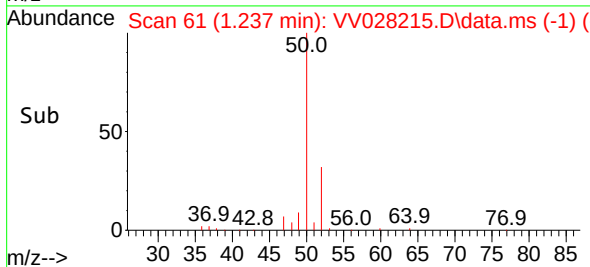
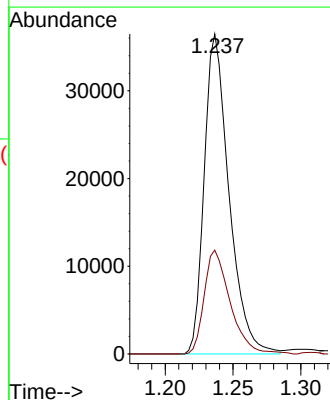
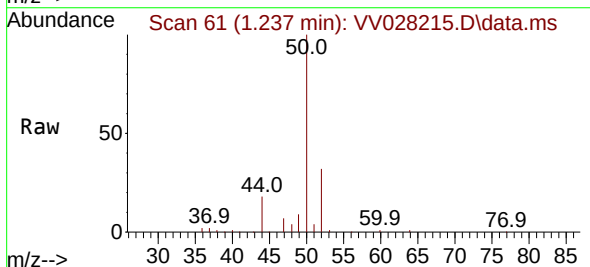
Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MSD

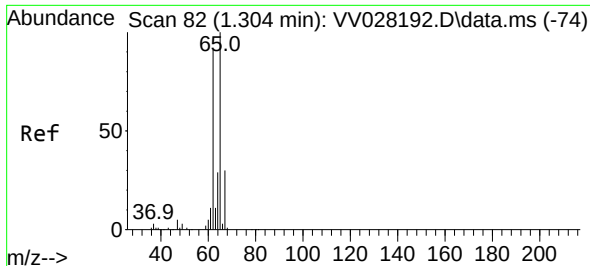
Tgt Ion: 85 Resp: 52884
 Ion Ratio Lower Upper
 85 100
 87 31.0 22.8 34.2



#3
 Chloromethane
 Concen: 2.775 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028215.D
 Acq: 30 Sep 2022 02:59

Tgt Ion: 50 Resp: 46381
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.4 45.2

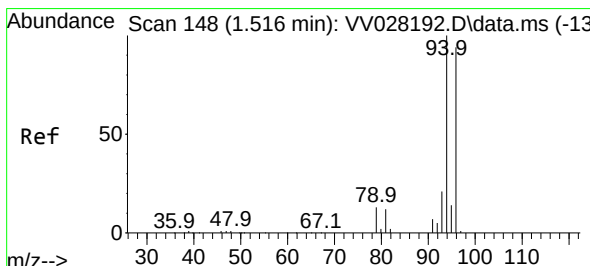
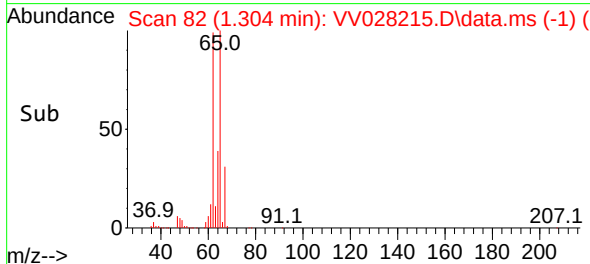
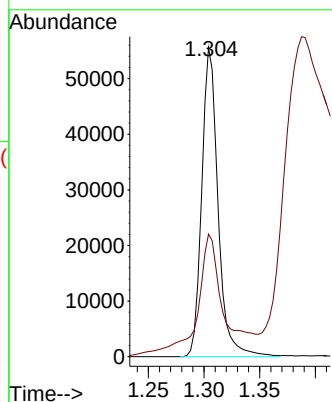
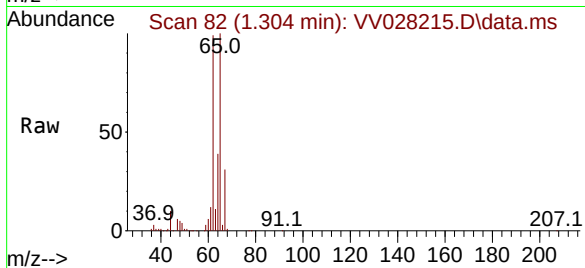




#5
 Vinyl chloride
 Concen: 4.325 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028215.D
 Acq: 30 Sep 2022 02:59

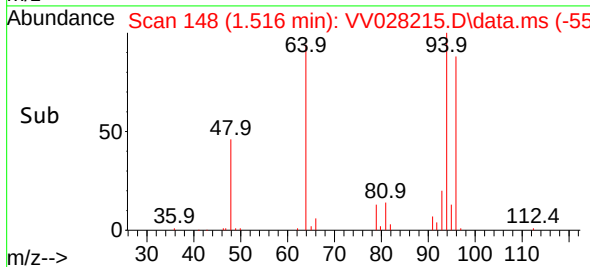
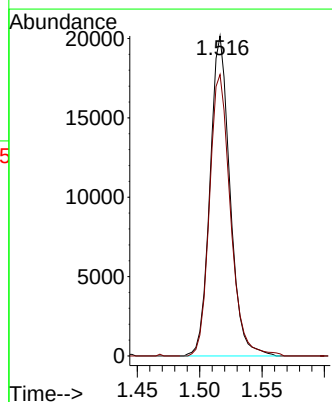
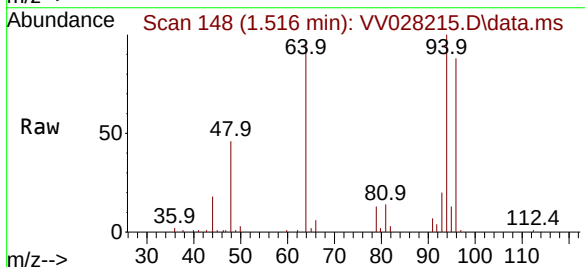
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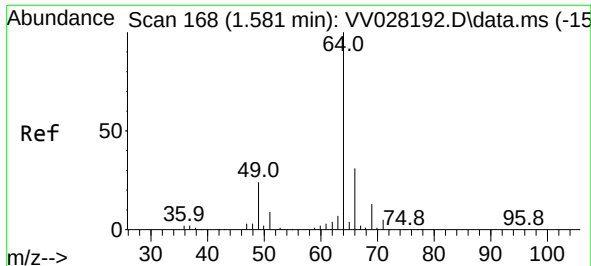
Tgt Ion: 62 Resp: 56679
 Ion Ratio Lower Upper
 62 100
 64 39.7 23.0 42.8



#6
 Bromomethane
 Concen: 2.644 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028215.D
 Acq: 30 Sep 2022 02:59

Tgt Ion: 94 Resp: 22564
 Ion Ratio Lower Upper
 94 100
 96 88.0 66.7 123.9

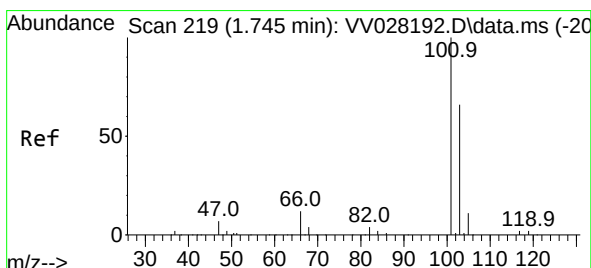
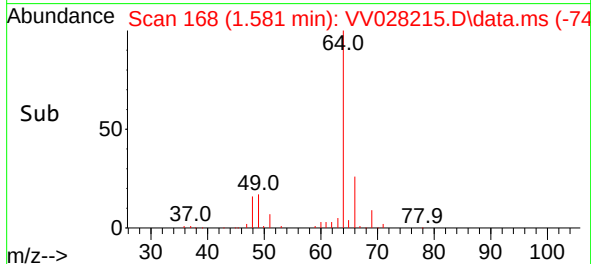
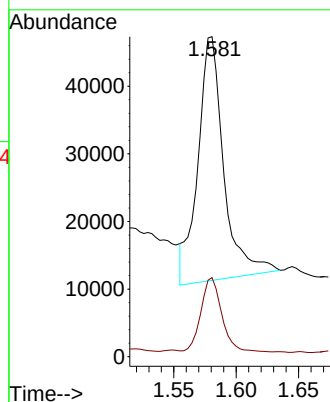
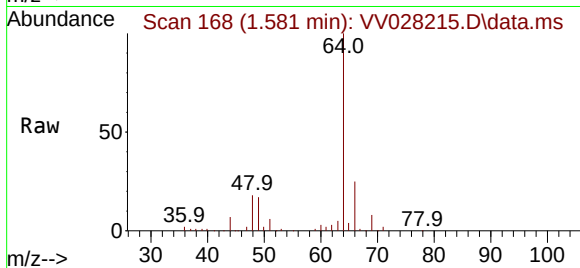




#8
Chloroethane
Concen: 5.925 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

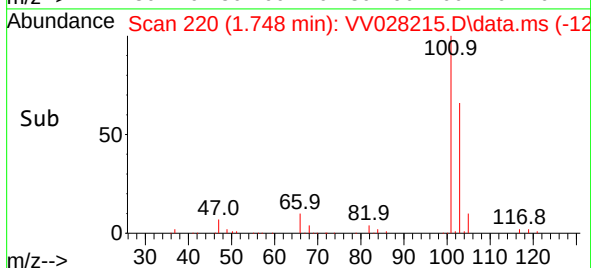
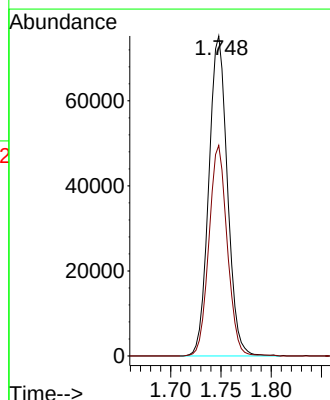
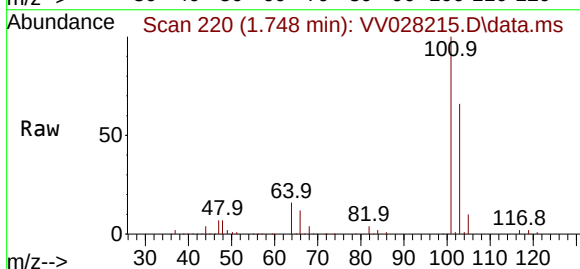
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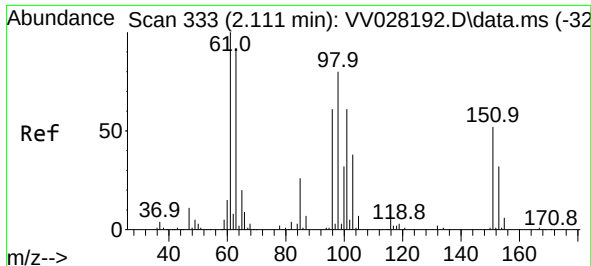
Tgt Ion: 64 Resp: 52066
Ion Ratio Lower Upper
64 100
66 24.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.651 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion:101 Resp: 96785
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0





#10

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

Concen: 4.714 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

EW842MSD

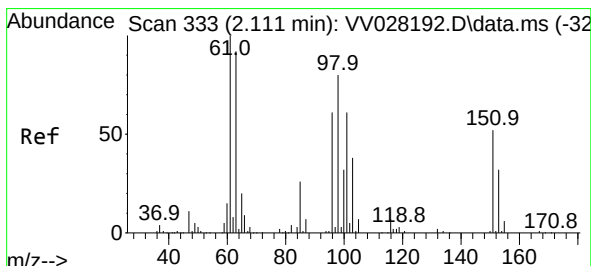
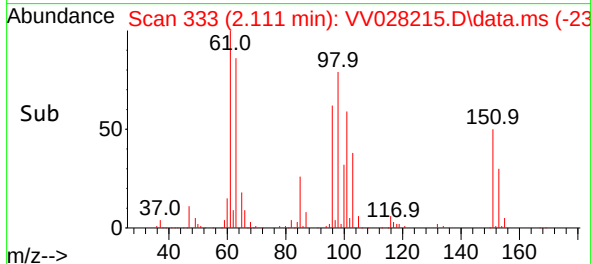
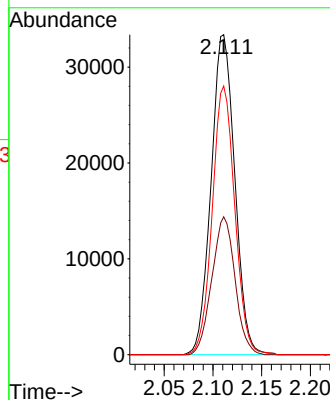
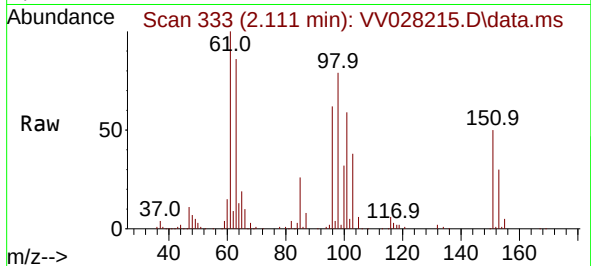
Tgt Ion:101 Resp: 56529

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

151 80.0 61.1 91.7



#12

1,1-Dichloroethene

Concen: 4.284 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

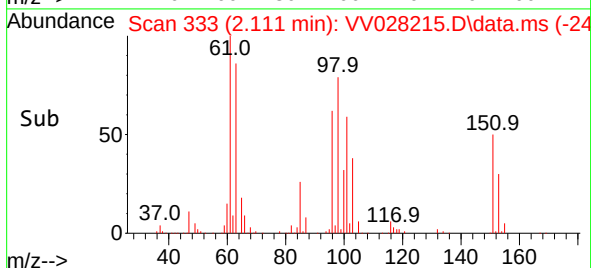
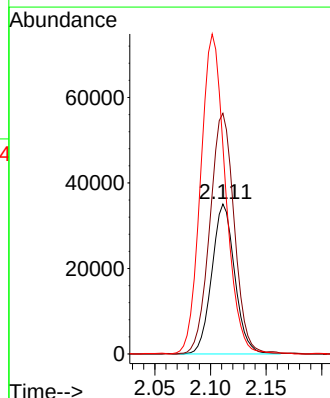
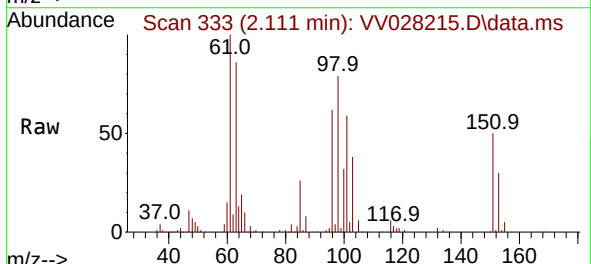
Tgt Ion: 96 Resp: 50030

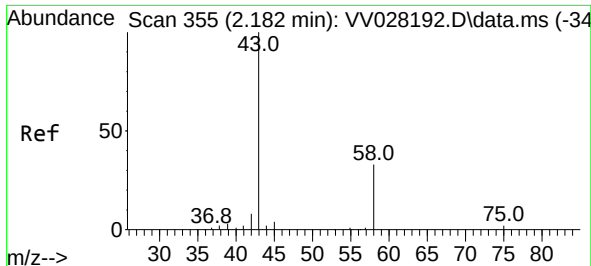
Ion Ratio Lower Upper

96 100

61 160.6 128.3 238.3

63 138.8 112.7 209.3





#13

Acetone

Concen: 35.583 ug/L

RT: 2.191 min Scan# 3

Delta R.T. 0.003 min

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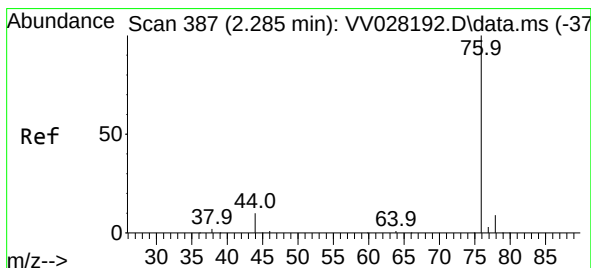
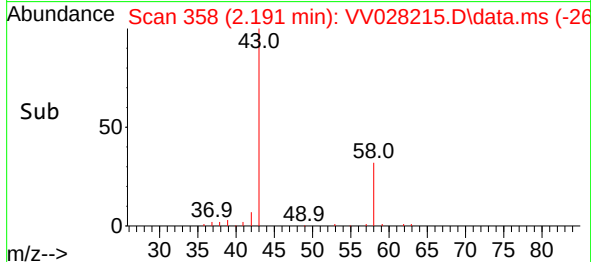
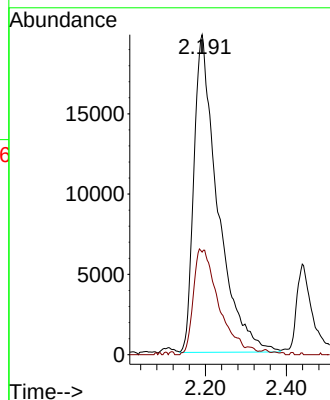
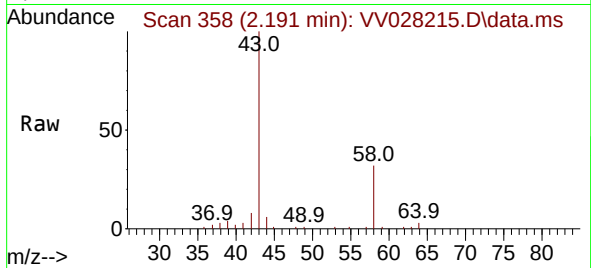
EW842MSD

Tgt Ion: 43 Resp: 81071

Ion Ratio Lower Upper

43 100

58 34.7 0.0 65.6



#14

Carbon disulfide

Concen: 3.875 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028215.D

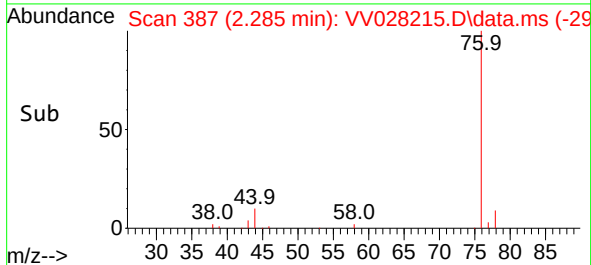
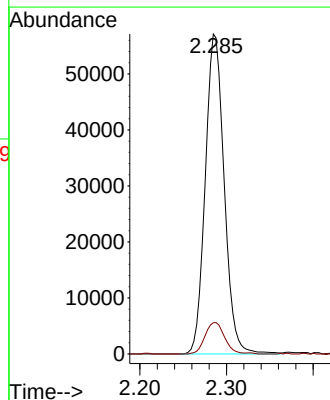
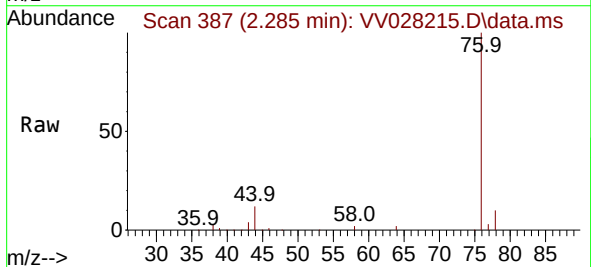
Acq: 30 Sep 2022 02:59

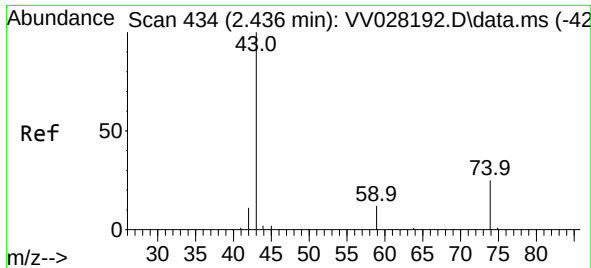
Tgt Ion: 76 Resp: 86857

Ion Ratio Lower Upper

76 100

78 9.7 7.6 11.4





#15

Methyl Acetate

Concen: 3.032 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

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MSVOA_V

ClientSampleId :

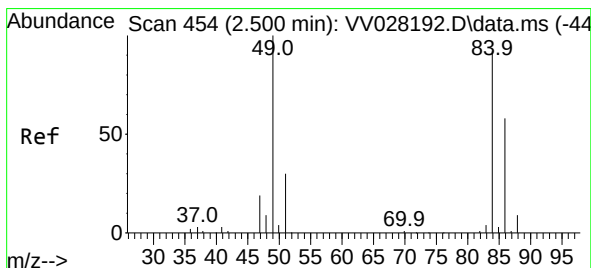
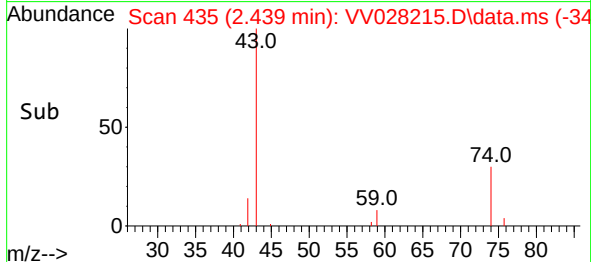
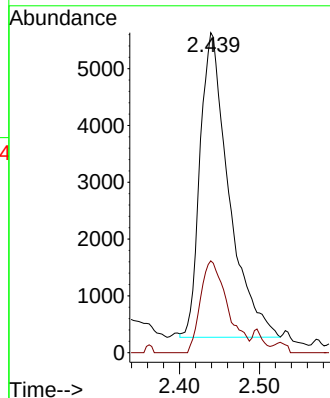
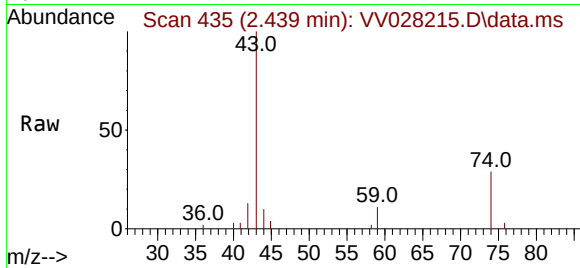
EW842MSD

Tgt Ion: 43 Resp: 13412

Ion Ratio Lower Upper

43 100

74 28.4 16.9 25.3#



#16

Methylene chloride

Concen: 5.034 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

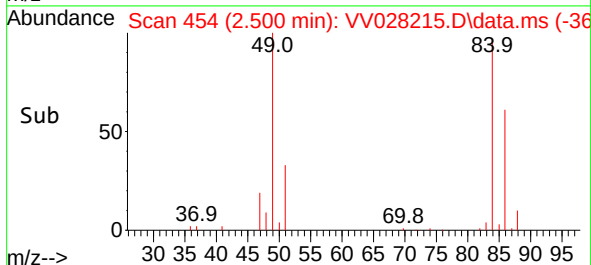
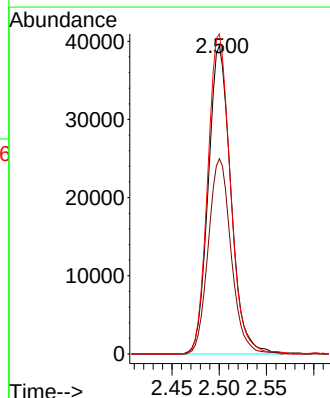
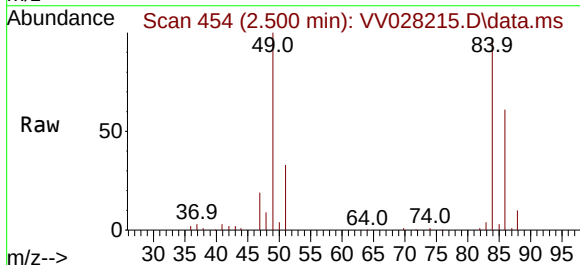
Tgt Ion: 84 Resp: 65637

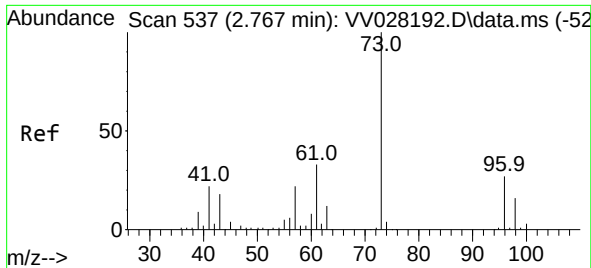
Ion Ratio Lower Upper

84 100

86 63.3 46.8 86.8

49 103.8 87.5 162.5

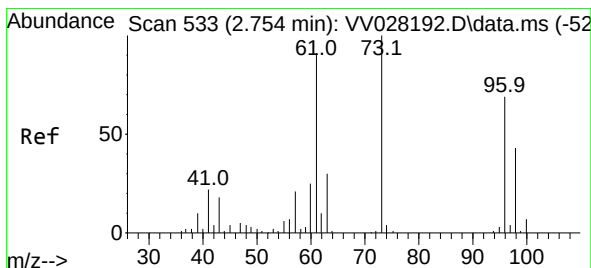
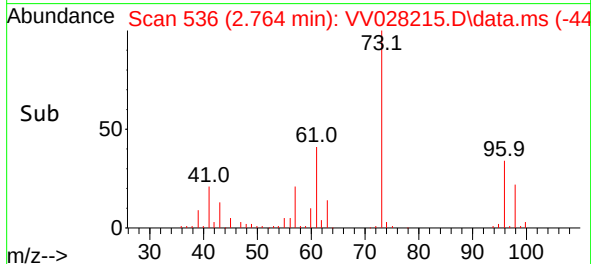
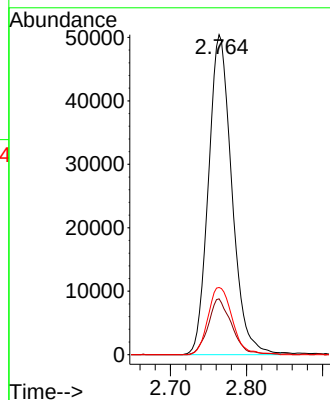
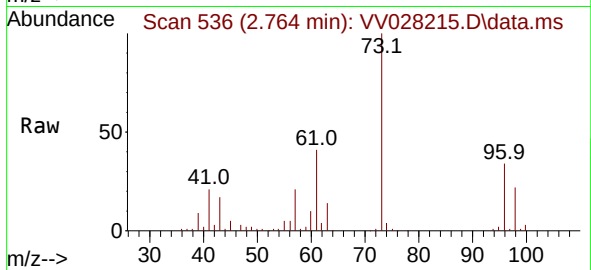




#17
Methyl tert-butyl Ether
Concen: 4.286 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

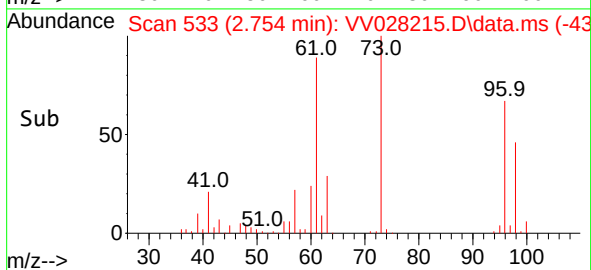
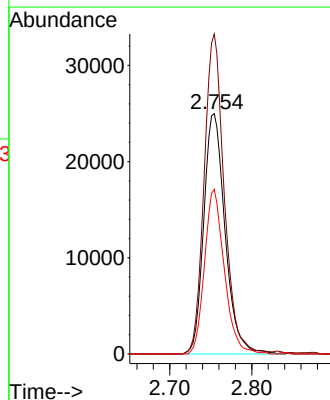
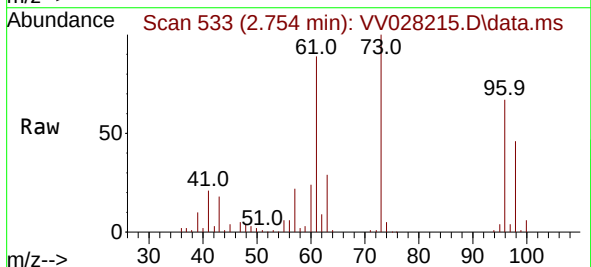
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

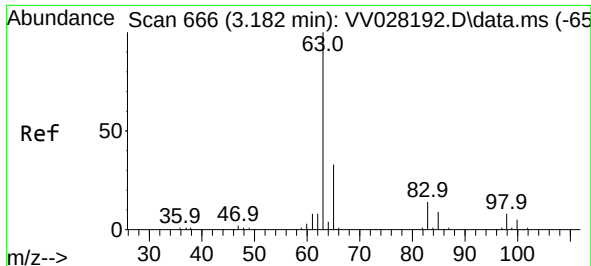
Tgt Ion: 73 Resp: 107693
Ion Ratio Lower Upper
73 100
43 17.6 15.7 23.5
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.419 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion: 96 Resp: 45179
Ion Ratio Lower Upper
96 100
61 133.1 96.2 178.6
98 68.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.041 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

EW842MSD

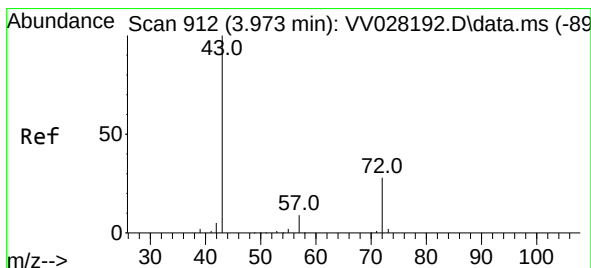
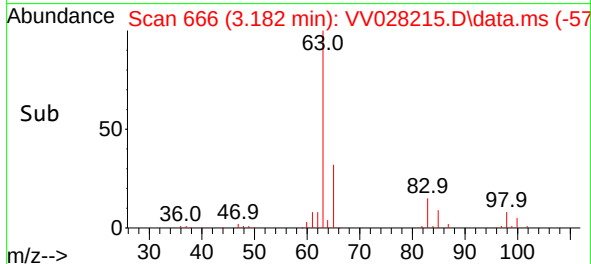
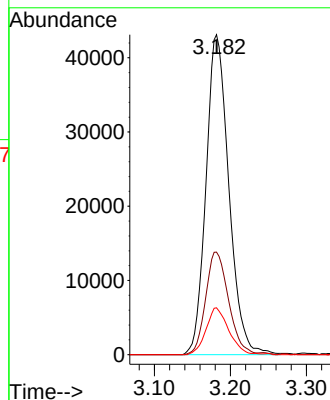
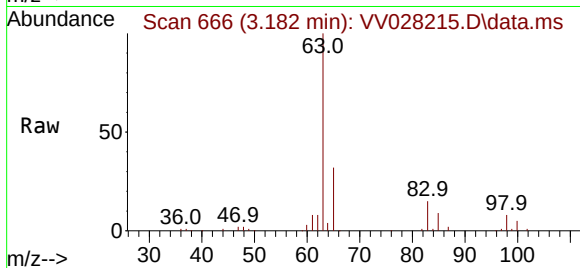
Tgt Ion: 63 Resp: 90121

Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.8

83 14.7 9.2 17.2



#21

2-Butanone

Concen: 36.043 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.000 min

Lab File: VV028215.D

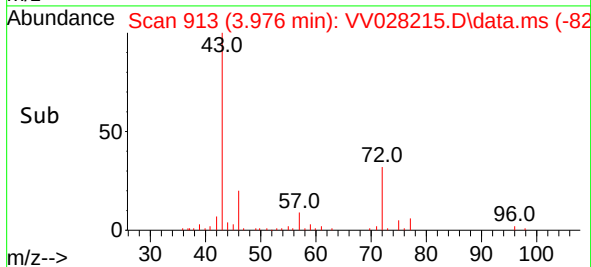
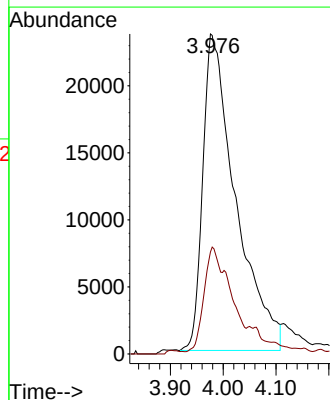
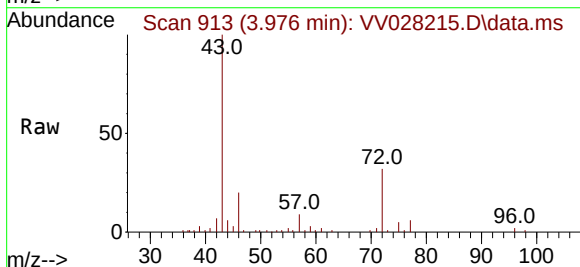
Acq: 30 Sep 2022 02:59

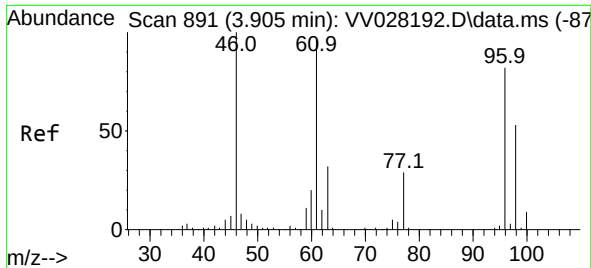
Tgt Ion: 43 Resp: 101667

Ion Ratio Lower Upper

43 100

72 26.3 12.7 38.1

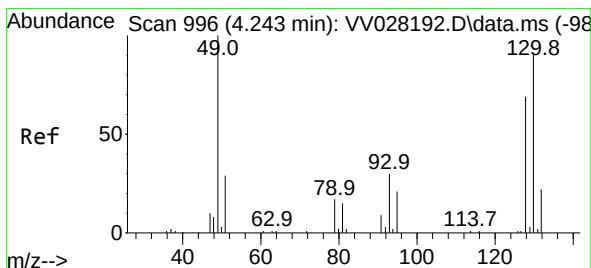
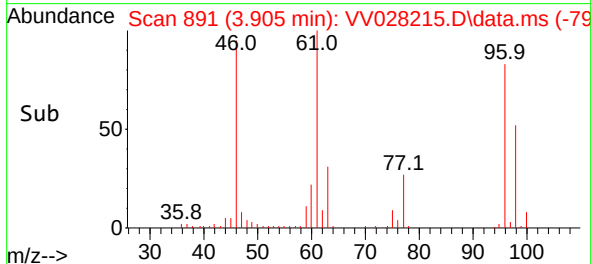
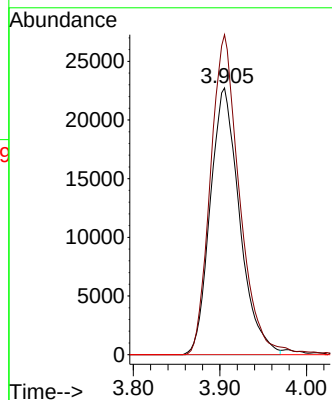
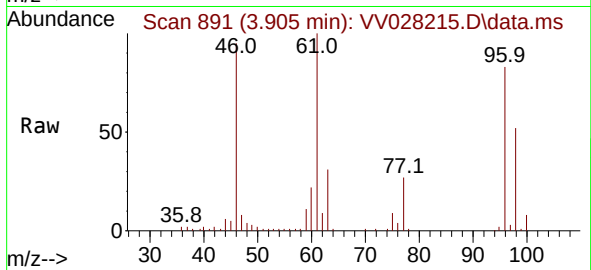




#22
 cis-1,2-Dichloroethene
 Concen: 3.989 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028215.D
 Acq: 30 Sep 2022 02:59

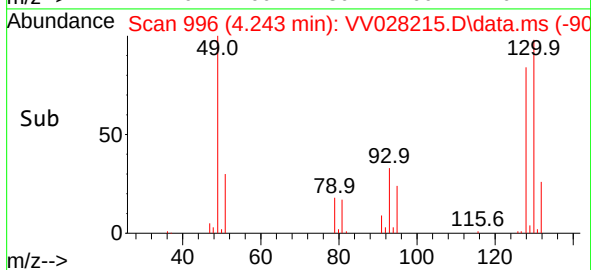
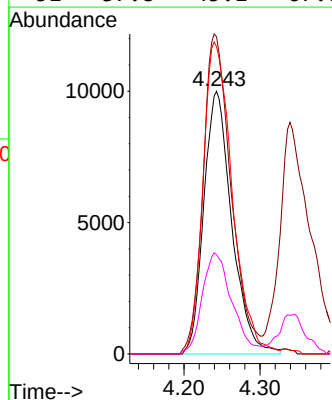
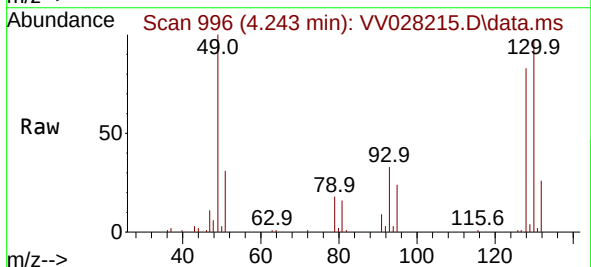
Instrument :
 MSVOA_V
 ClientSampleId :
 EW842MSD

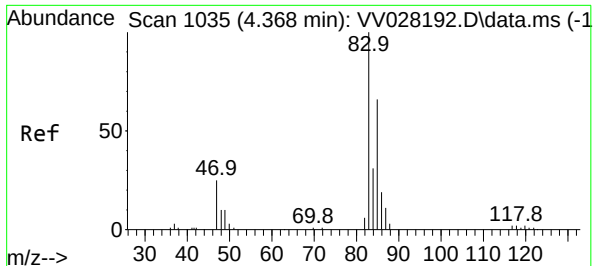
Tgt Ion: 96 Resp: 53515
 Ion Ratio Lower Upper
 96 100
 61 120.0 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.743 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028215.D
 Acq: 30 Sep 2022 02:59

Tgt Ion: 128 Resp: 25480
 Ion Ratio Lower Upper
 128 100
 49 120.8 119.9 222.7
 130 117.0 94.6 175.8
 51 37.8 45.1 67.7#





#25

Chloroform

Concen: 4.322 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

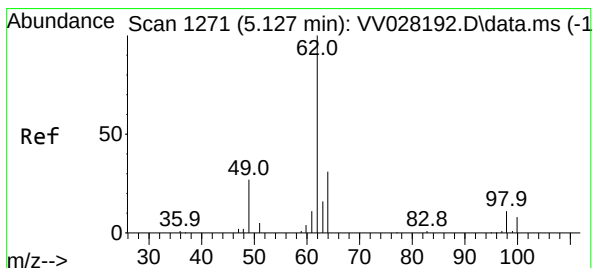
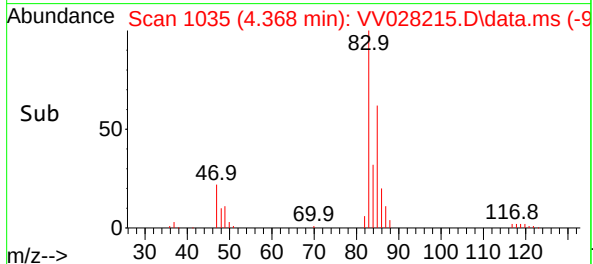
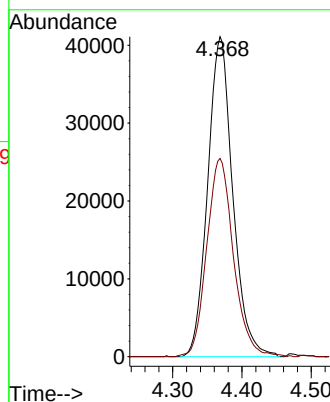
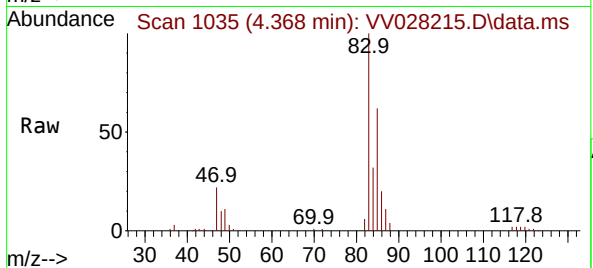
EW842MSD

Tgt Ion: 83 Resp: 103429

Ion Ratio Lower Upper

83 100

85 61.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.334 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028215.D

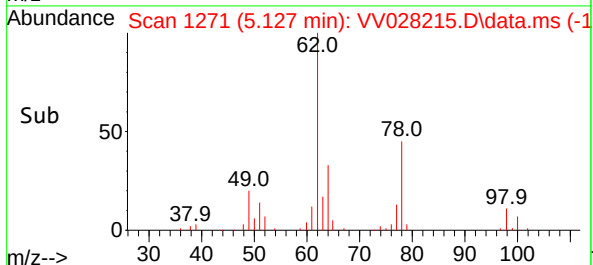
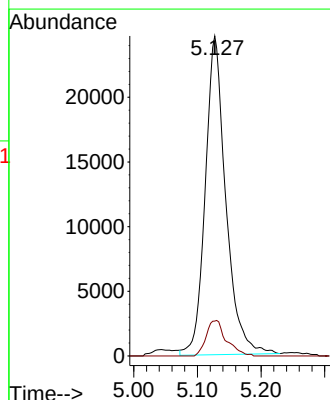
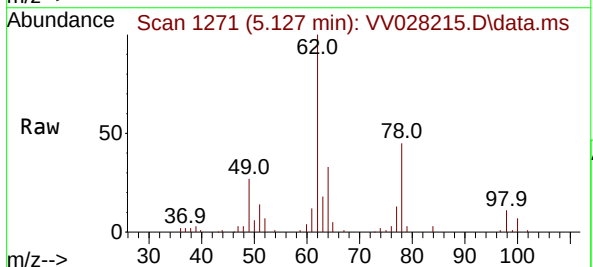
Acq: 30 Sep 2022 02:59

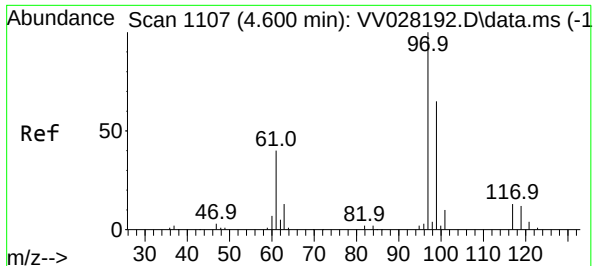
Tgt Ion: 62 Resp: 55304

Ion Ratio Lower Upper

62 100

98 10.9 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.540 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

EW842MSD

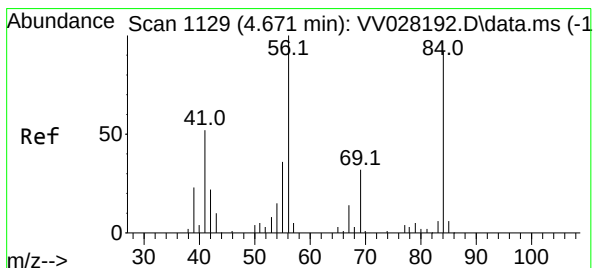
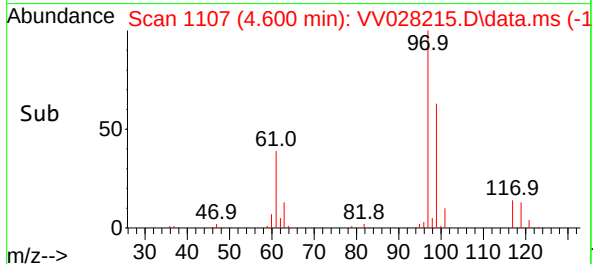
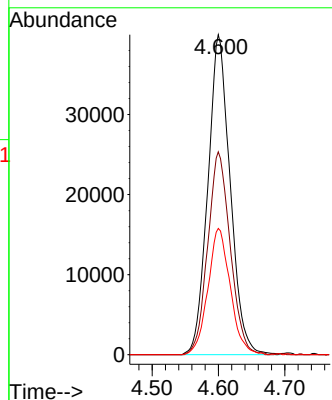
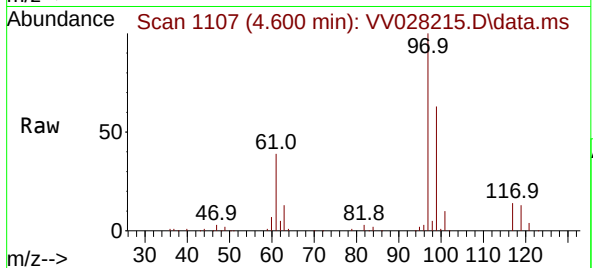
Tgt Ion: 97 Resp: 93517

Ion Ratio Lower Upper

97 100

99 63.9 51.9 77.9

61 39.5 34.8 52.2



#30

Cyclohexane

Concen: 3.667 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

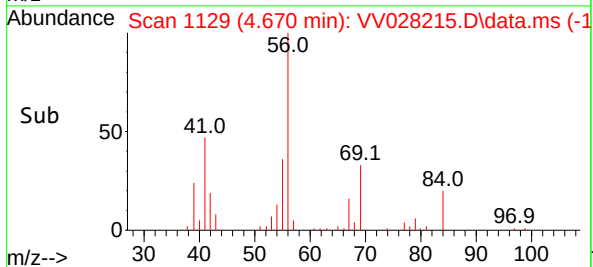
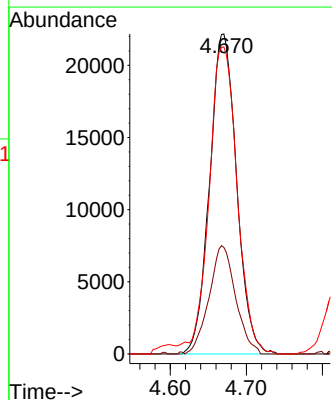
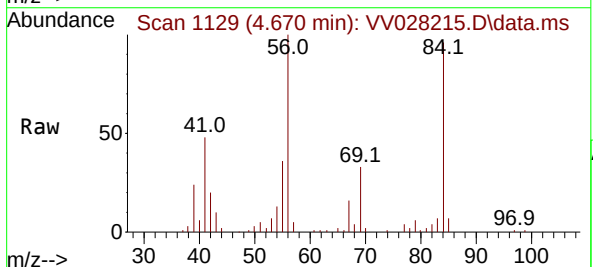
Tgt Ion: 56 Resp: 54632

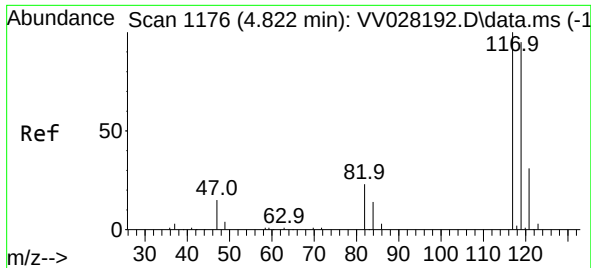
Ion Ratio Lower Upper

56 100

69 33.3 23.7 35.5

84 100.1 67.3 100.9

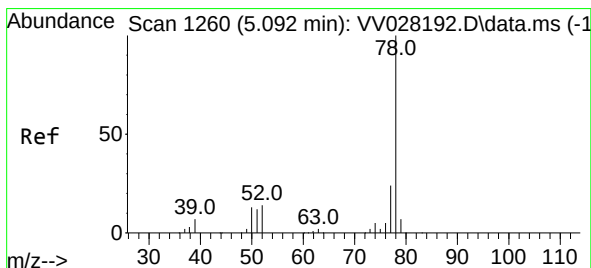
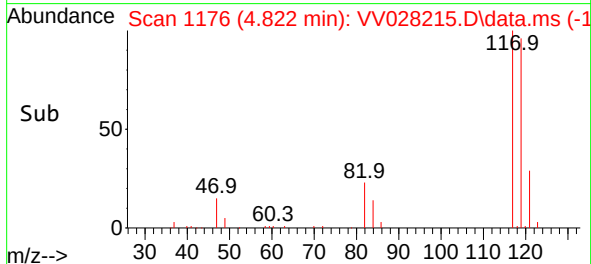
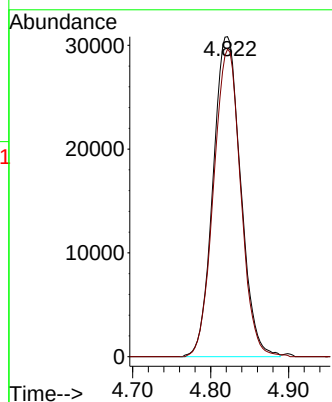
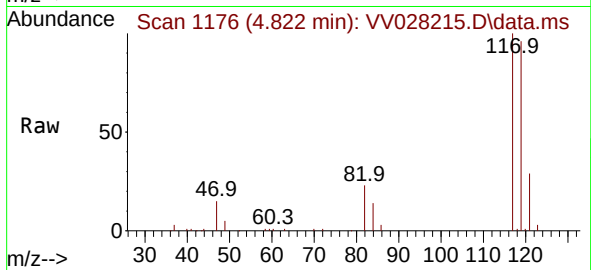




#31
Carbon tetrachloride
Concen: 4.474 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

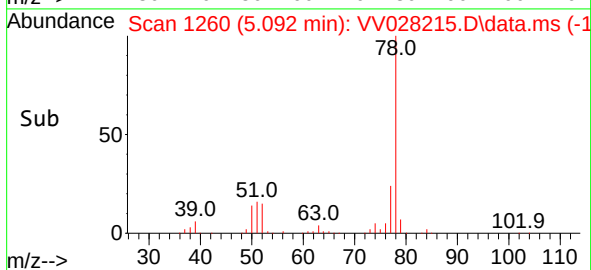
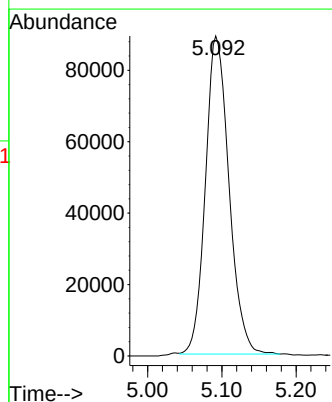
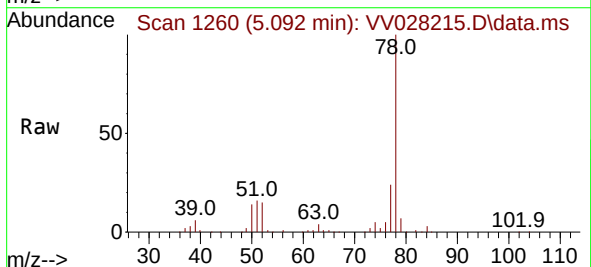
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

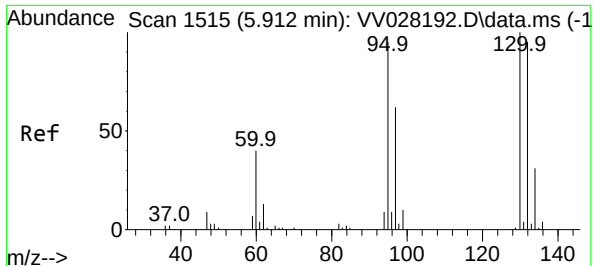
Tgt Ion:117 Resp: 75844
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3



#33
Benzene
Concen: 4.214 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion: 78 Resp: 196206



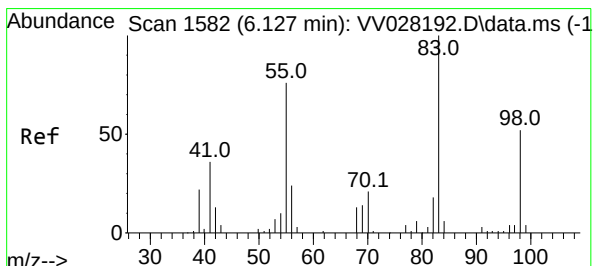
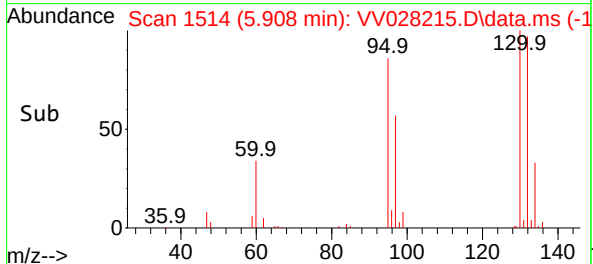
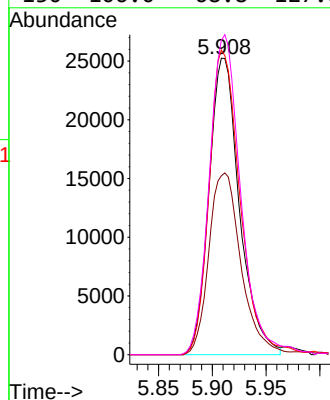
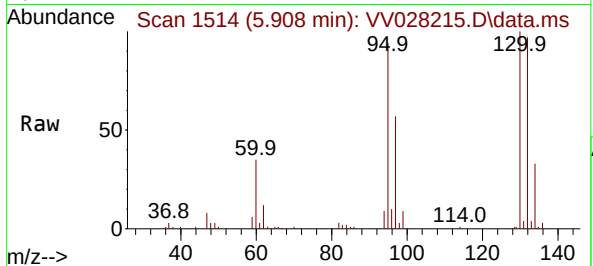


#34
Trichloroethene
Concen: 4.299 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

Tgt Ion: 95 Resp: 49823

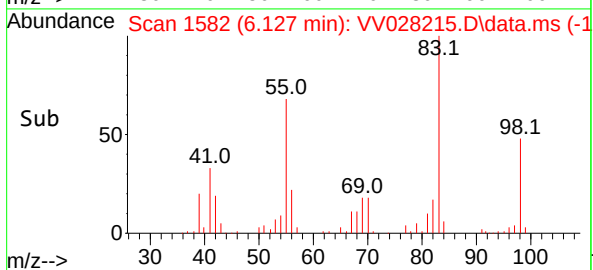
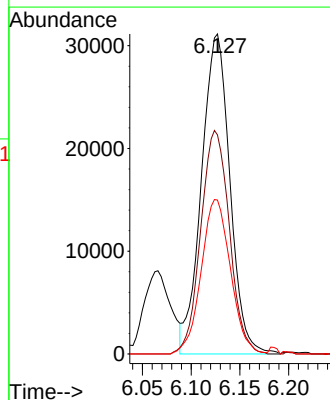
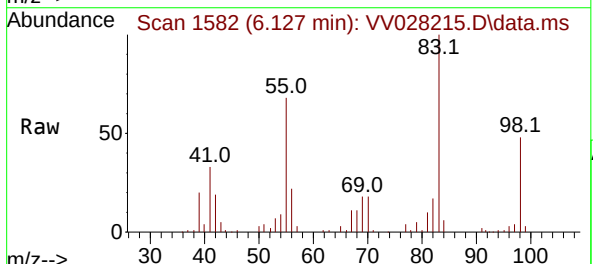
Ion	Ratio	Lower	Upper
95	100		
97	60.3	44.2	82.0
132	102.8	67.8	126.0
130	106.0	68.8	127.8

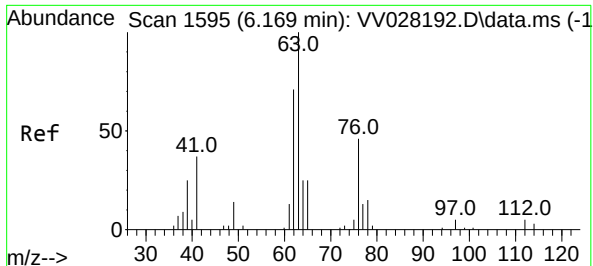


#35
Methylcyclohexane
Concen: 3.982 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion: 83 Resp: 63278

Ion	Ratio	Lower	Upper
83	100		
55	70.3	64.7	97.1
98	49.6	39.5	59.3





#37

1,2-Dichloropropane

Concen: 3.719 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

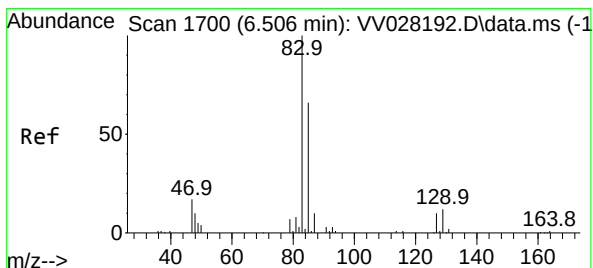
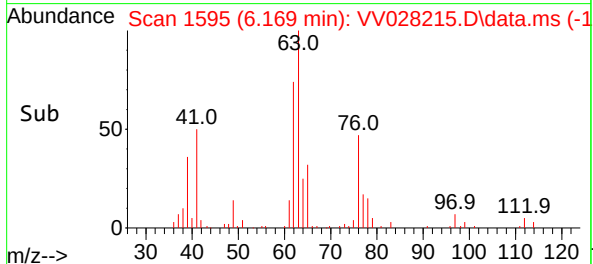
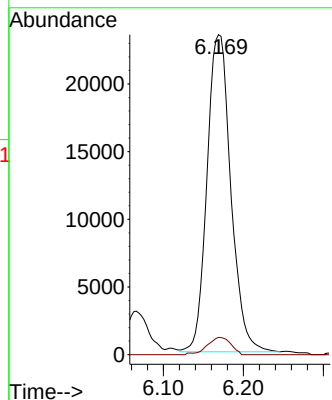
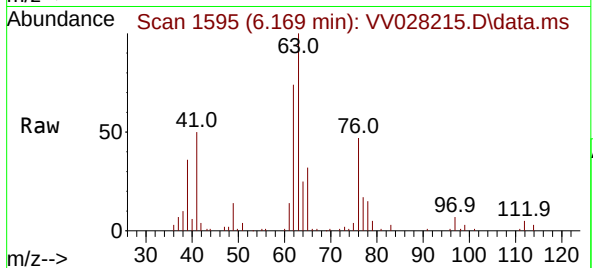
EW842MSD

Tgt Ion: 63 Resp: 48540

Ion Ratio Lower Upper

63 100

112 5.4 3.5 5.3#



#38

Bromodichloromethane

Concen: 4.233 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

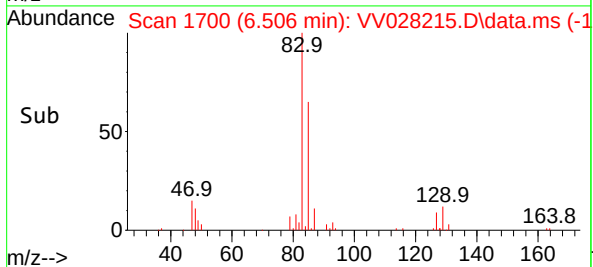
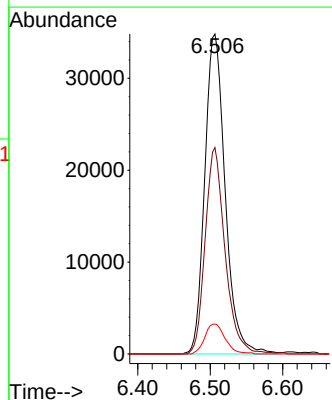
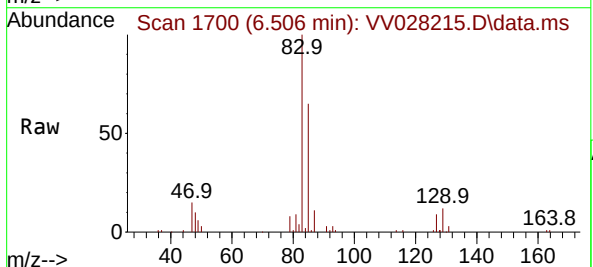
Tgt Ion: 83 Resp: 68210

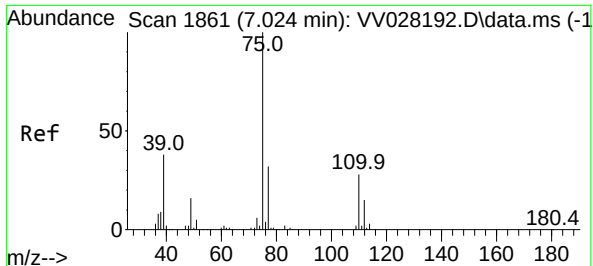
Ion Ratio Lower Upper

83 100

85 64.5 43.8 81.4

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 3.763 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

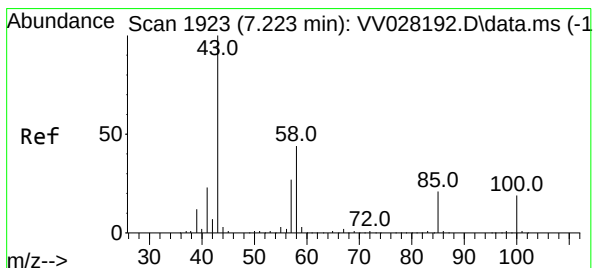
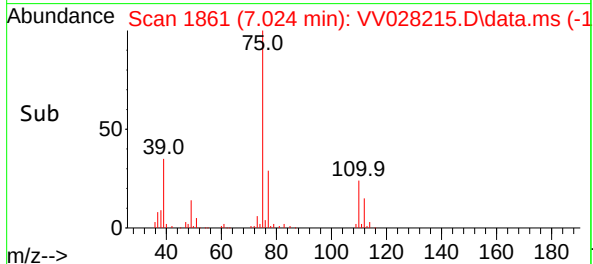
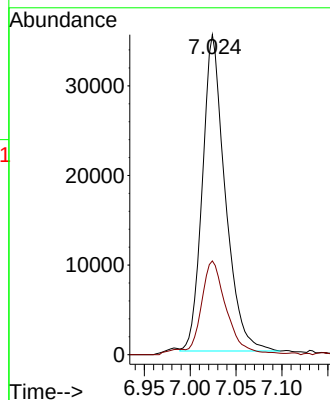
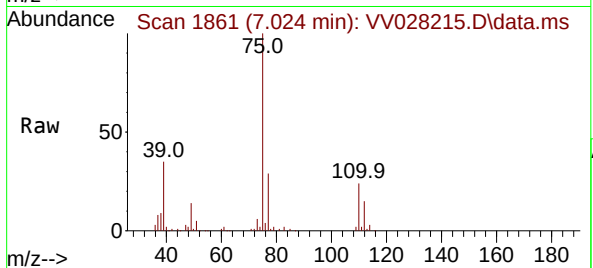
EW842MSD

Tgt Ion: 75 Resp: 60998

Ion Ratio Lower Upper

75 100

77 29.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 40.388 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

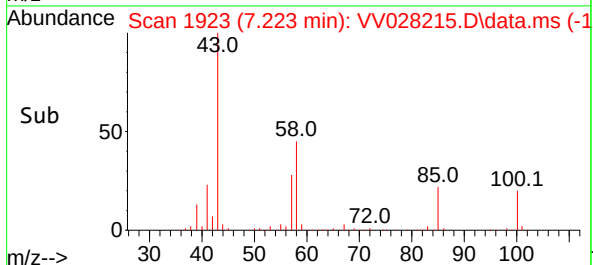
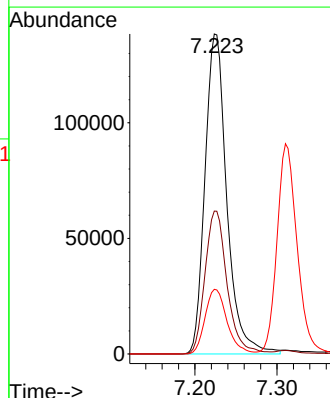
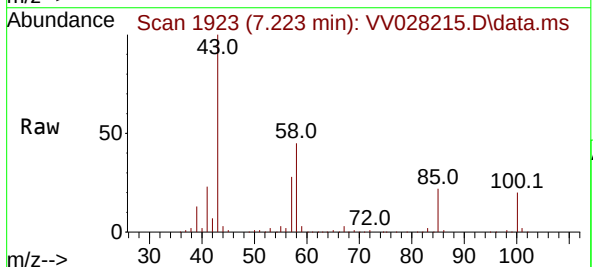
Tgt Ion: 43 Resp: 255968

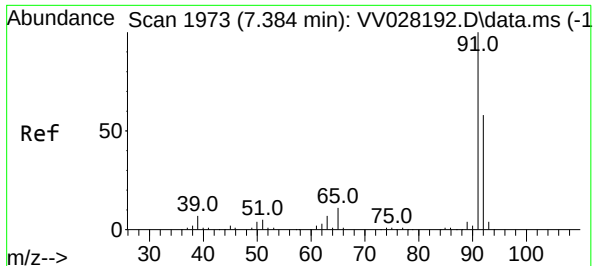
Ion Ratio Lower Upper

43 100

58 45.3 32.2 48.4

100 20.4 12.7 19.1





#42

Toluene

Concen: 5.121 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

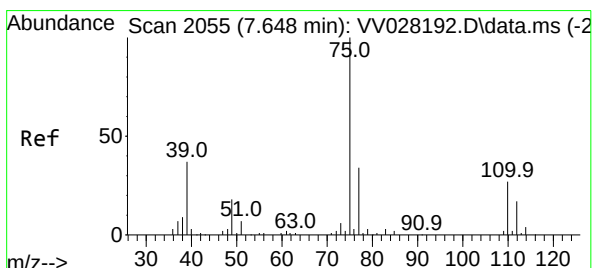
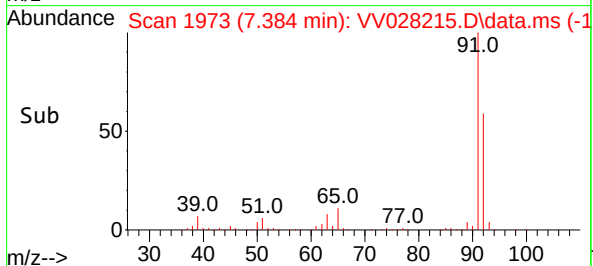
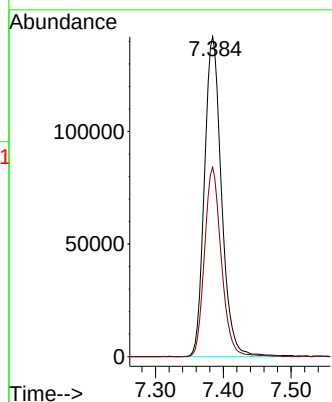
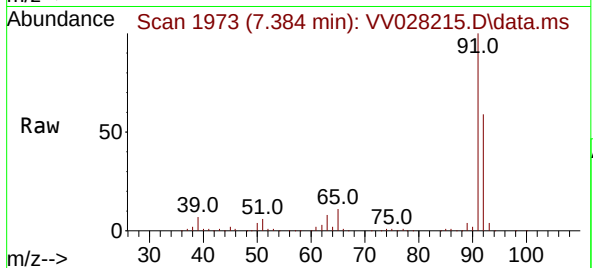
EW842MSD

Tgt Ion: 91 Resp: 248660

Ion Ratio Lower Upper

91 100

92 59.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 3.977 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028215.D

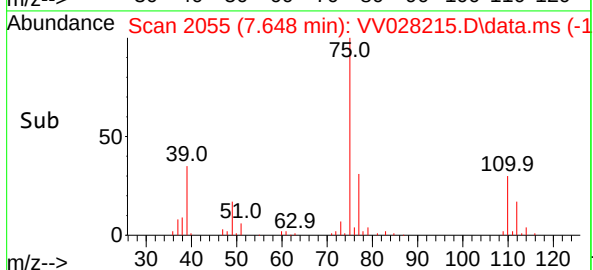
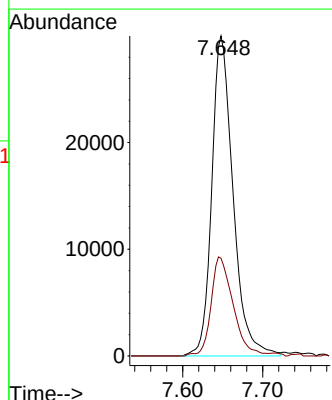
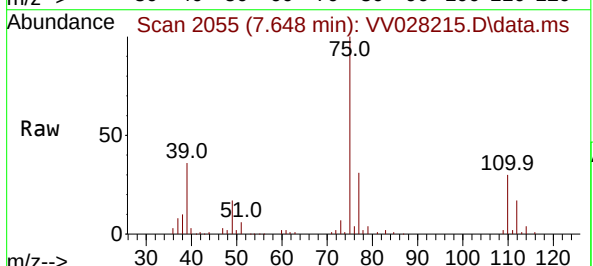
Acq: 30 Sep 2022 02:59

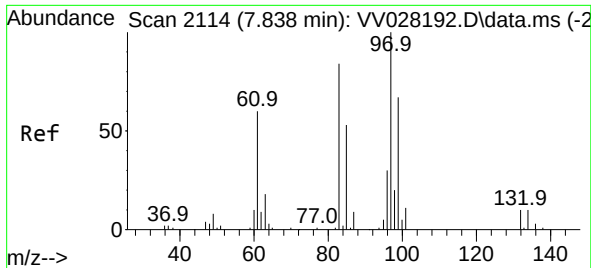
Tgt Ion: 75 Resp: 55451

Ion Ratio Lower Upper

75 100

77 30.5 23.9 44.3

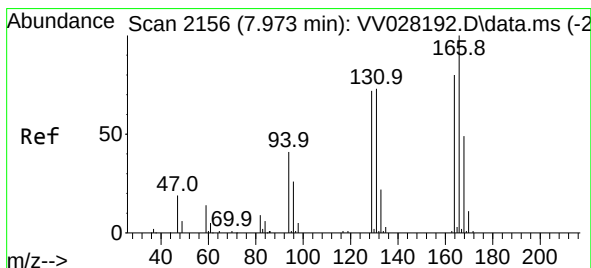
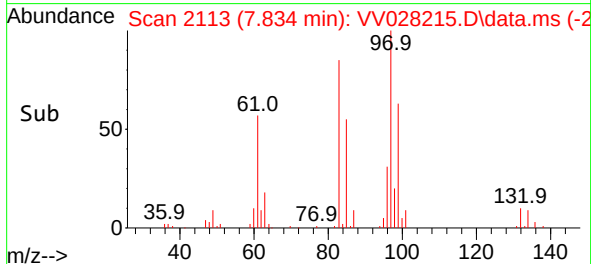
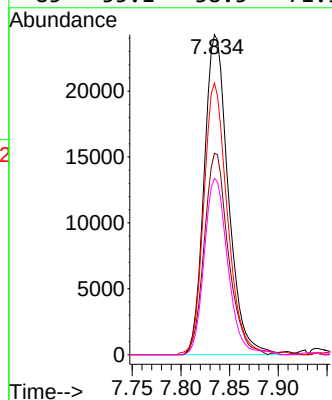
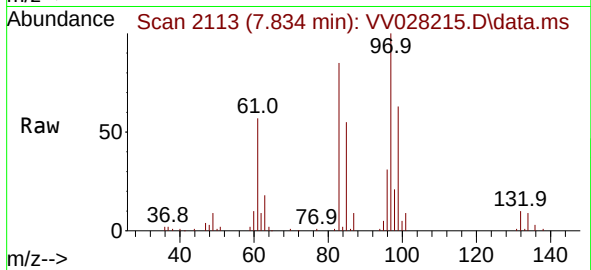




#45
1,1,2-Trichloroethane
Concen: 4.798 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

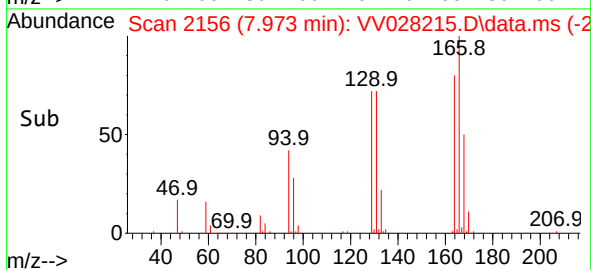
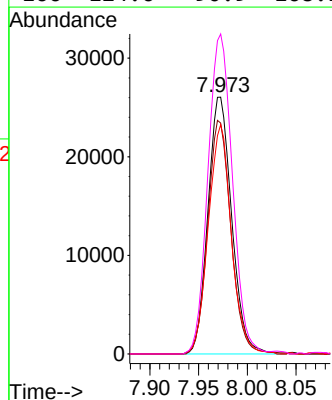
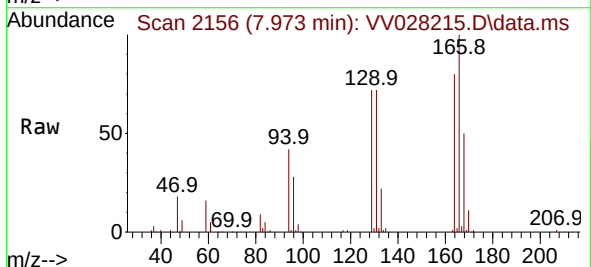
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

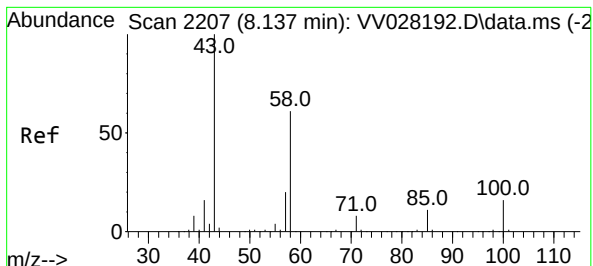
Tgt Ion: 97	Resp: 41974
Ion Ratio	Lower Upper
97 100	
99 63.0	43.2 80.2
83 84.9	59.1 109.9
85 55.1	38.5 71.5



#47
Tetrachloroethene
Concen: 4.773 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt	Ion:164	Resp:	44152
Ion	Ratio	Lower	Upper
164	100		
129	90.0	66.7	123.9
131	89.3	61.7	114.5
166	124.6	90.9	168.9





#48

2-Hexanone

Concen: 40.915 ug/L

RT: 8.137 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

EW842MSD

Tgt Ion: 43 Resp: 196853

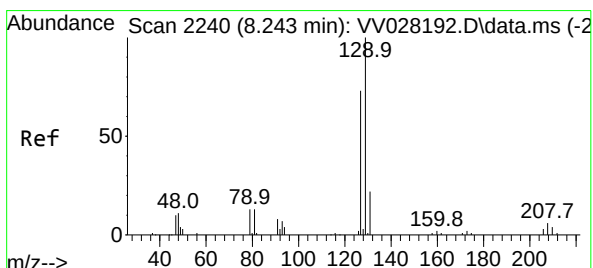
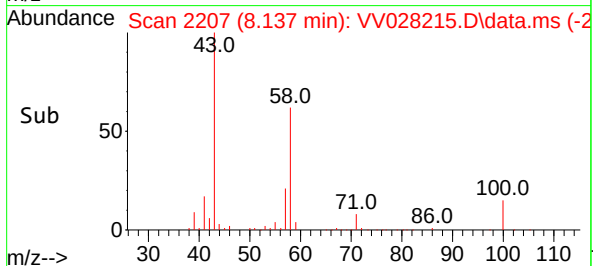
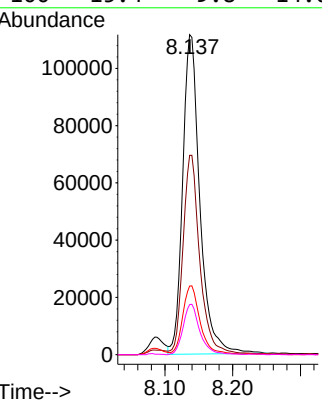
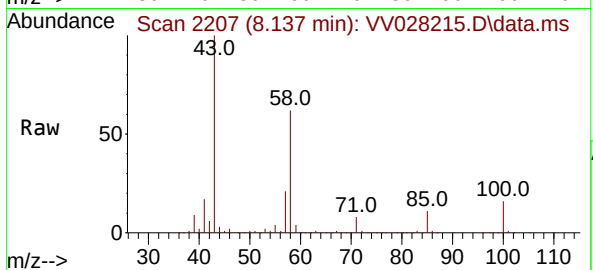
Ion Ratio Lower Upper

43 100

58 60.4 45.7 68.5

57 21.4 15.5 23.3

100 15.4 9.8 14.6#



#49

Dibromochloromethane

Concen: 4.604 ug/L

RT: 8.239 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VV028215.D

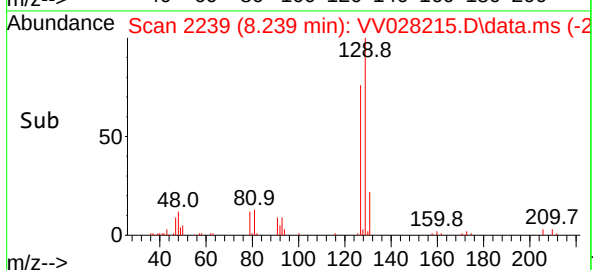
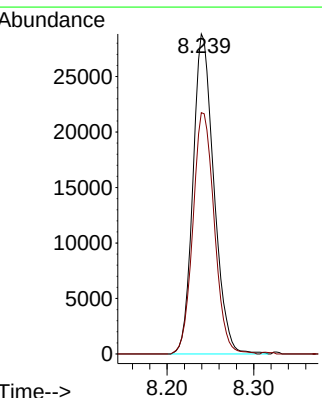
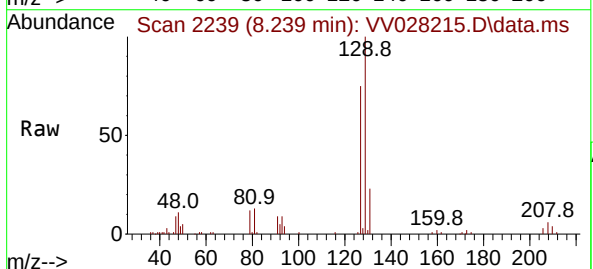
Acq: 30 Sep 2022 02:59

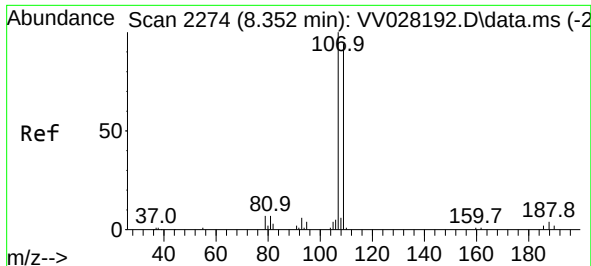
Tgt Ion:129 Resp: 48430

Ion Ratio Lower Upper

129 100

127 75.4 54.3 100.9

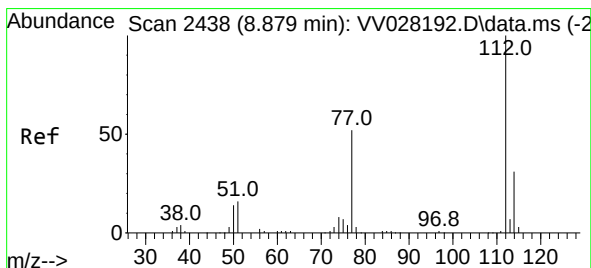
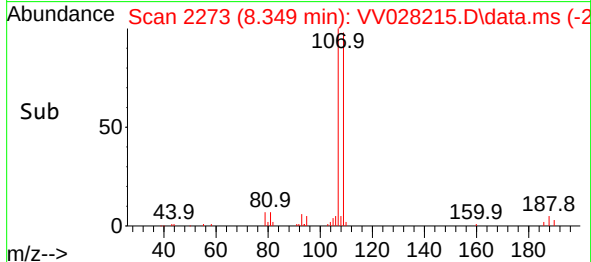
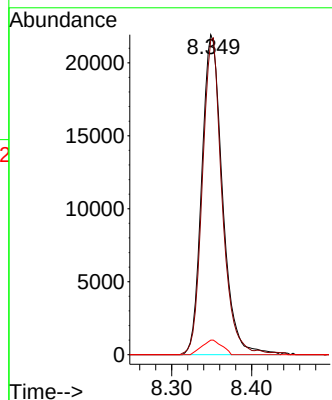
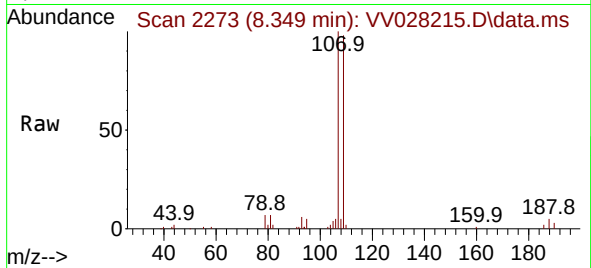




#50
1,2-Dibromoethane
Concen: 5.200 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

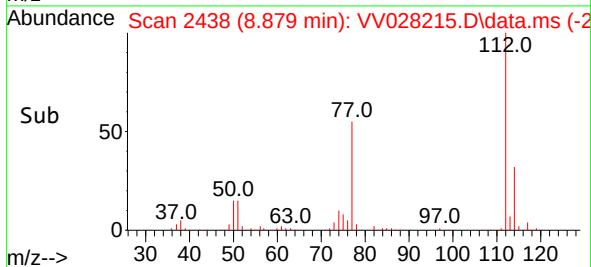
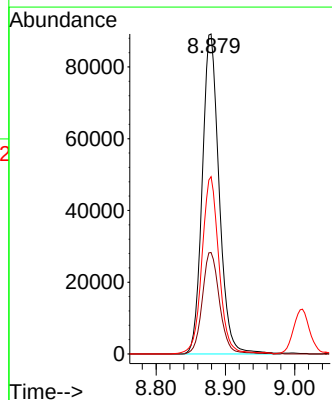
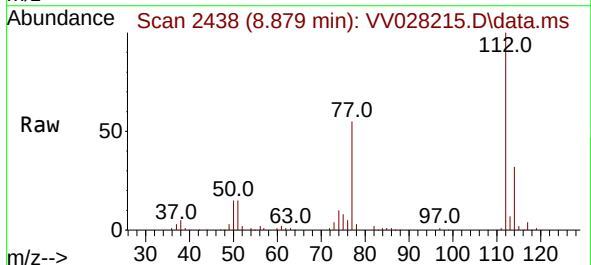
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

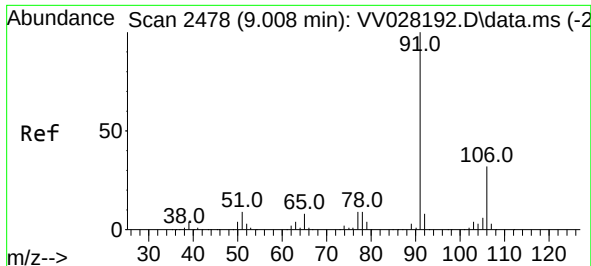
Tgt Ion:107 Resp: 39537
Ion Ratio Lower Upper
107 100
109 98.3 65.9 122.5
188 4.6 3.4 5.0



#51
Chlorobenzene
Concen: 4.632 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion:112 Resp: 150869
Ion Ratio Lower Upper
112 100
114 31.7 22.5 41.7
77 55.4 46.1 69.1

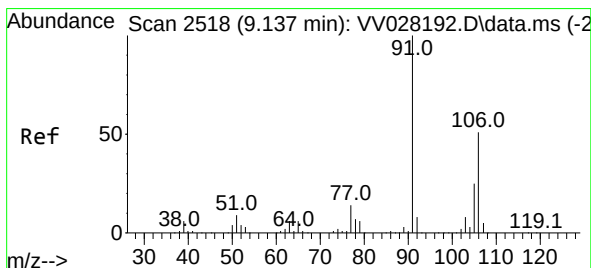
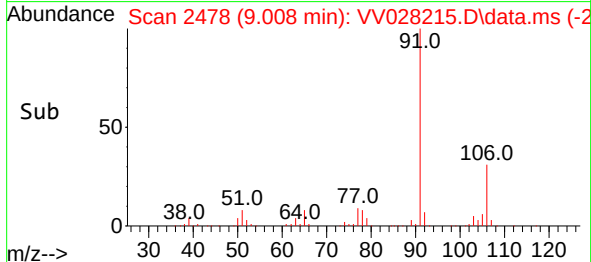
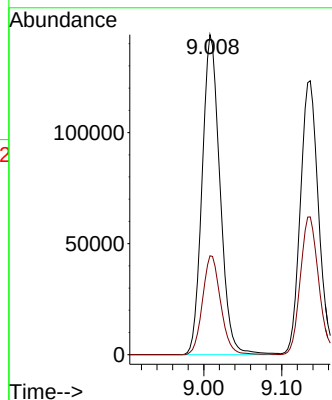
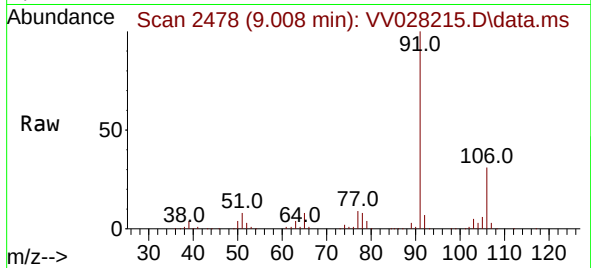




#52
Ethylbenzene
Concen: 4.466 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

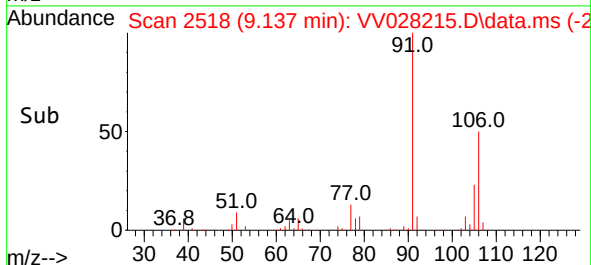
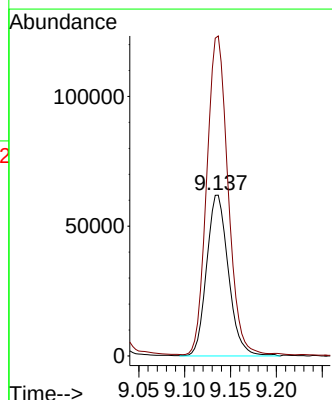
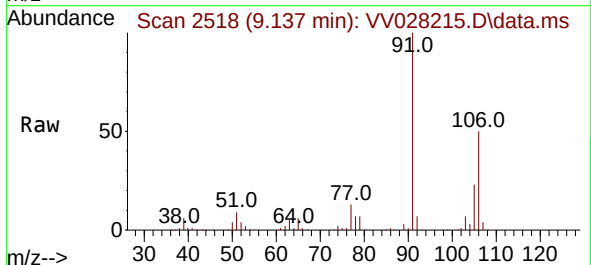
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

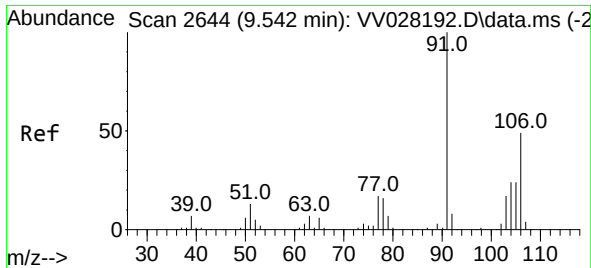
Tgt Ion: 91 Resp: 229455
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 5.202 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion: 106 Resp: 102412
Ion Ratio Lower Upper
106 100
91 198.9 141.9 263.5

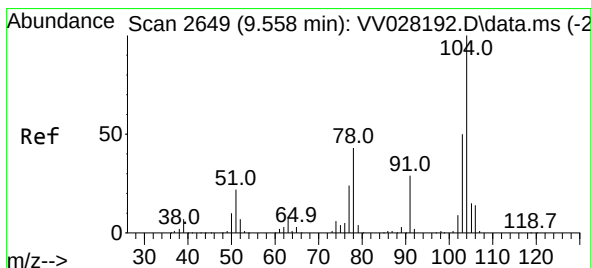
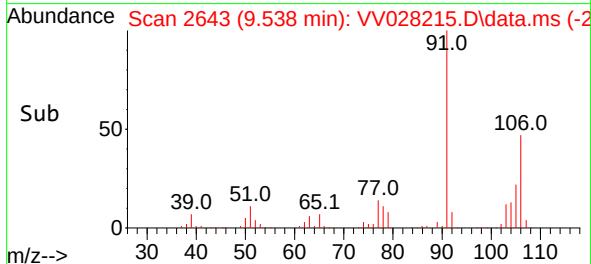
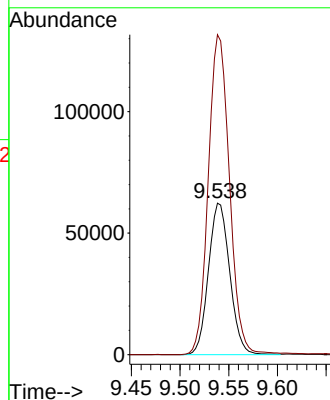
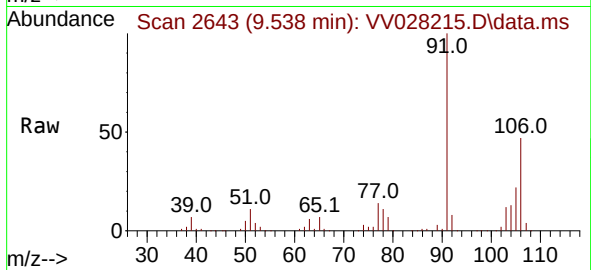




#54
o-Xylene
Concen: 4.871 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

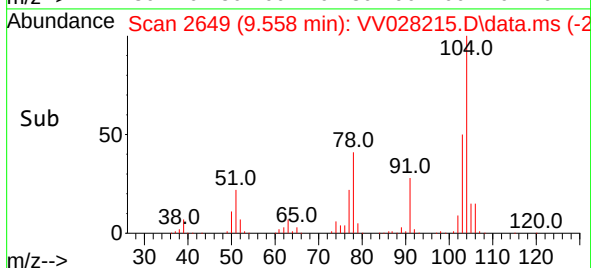
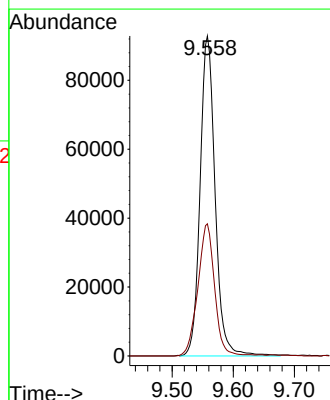
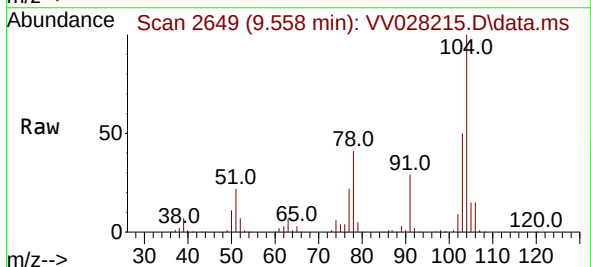
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

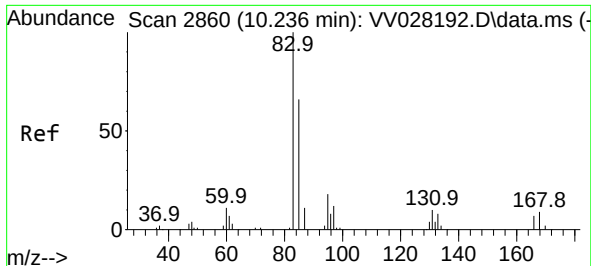
Tgt Ion:106 Resp: 94699
Ion Ratio Lower Upper
106 100
91 211.2 148.1 275.0



#55
Styrene
Concen: 4.707 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion:104 Resp: 158563
Ion Ratio Lower Upper
104 100
78 41.3 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.714 ug/L

RT: 10.236 min Scan# 2860

Delta R.T. 0.000 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

EW842MSD

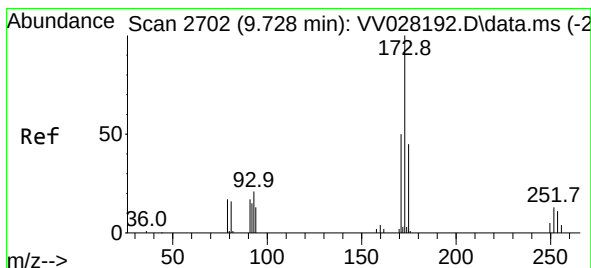
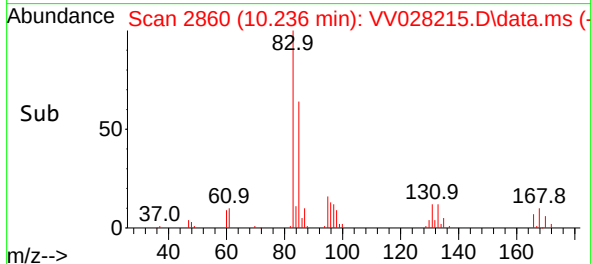
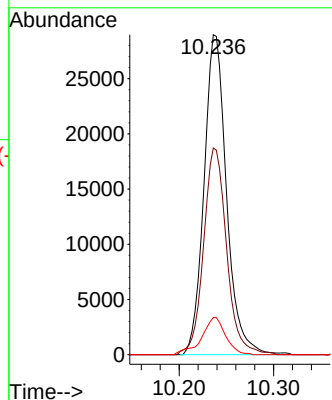
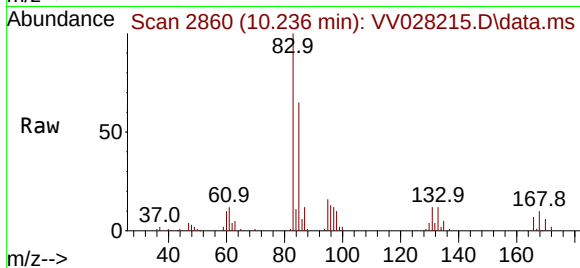
Tgt Ion: 83 Resp: 48048

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

131 11.6 7.8 11.8



#59

Bromoform

Concen: 4.089 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

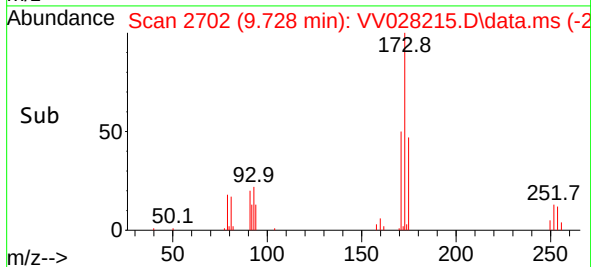
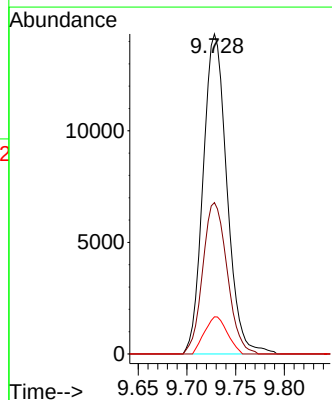
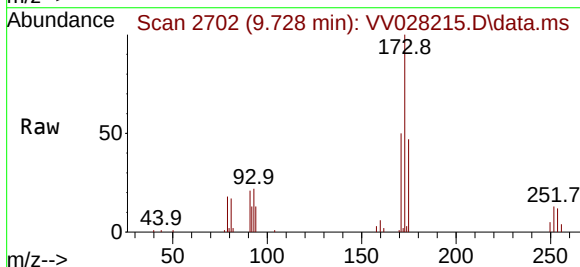
Tgt Ion: 173 Resp: 24370

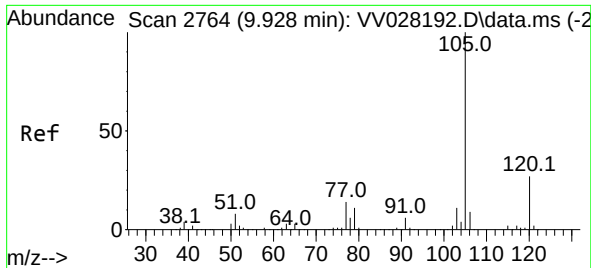
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.4

254 11.1 8.7 13.1

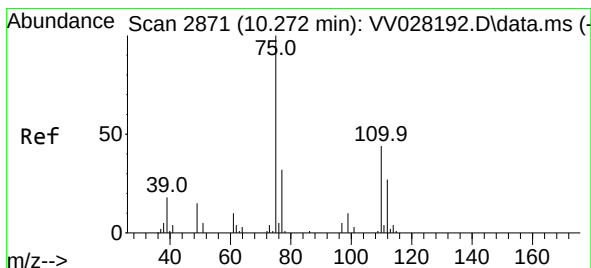
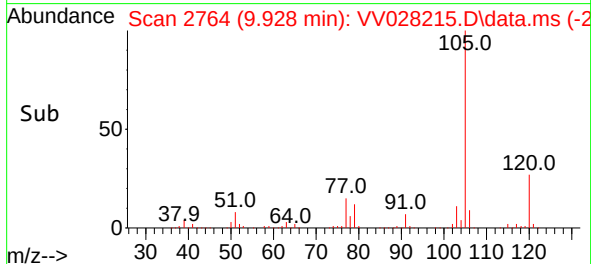
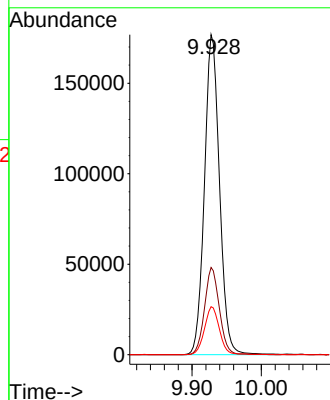
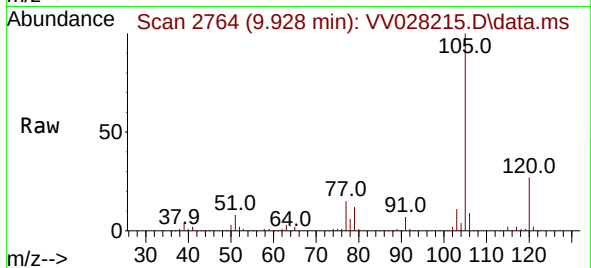




#60
Isopropylbenzene
Concen: 4.841 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

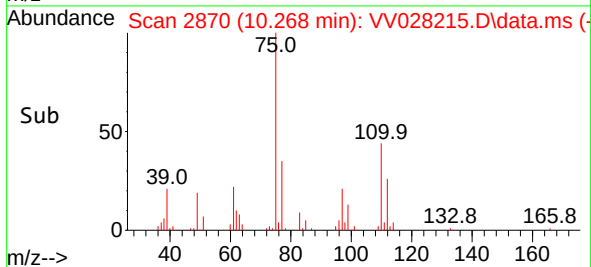
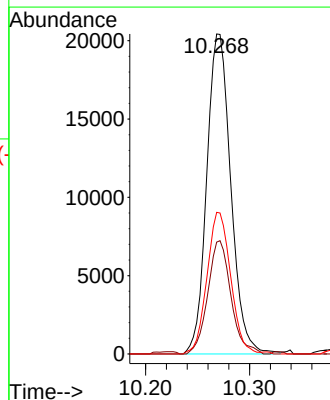
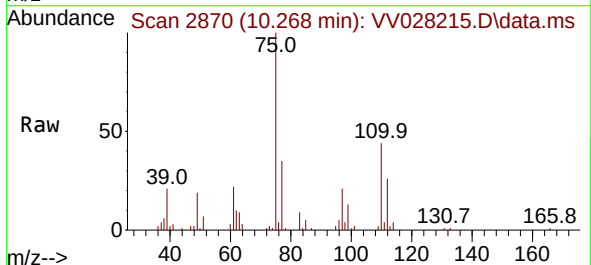
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

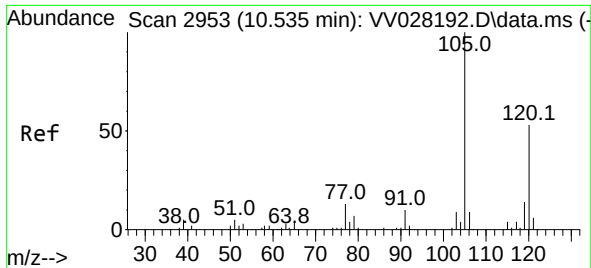
Tgt Ion:105 Resp: 266710
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.178 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion: 75 Resp: 32892
Ion Ratio Lower Upper
75 100
77 34.1 26.7 40.1
110 43.5 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.486 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

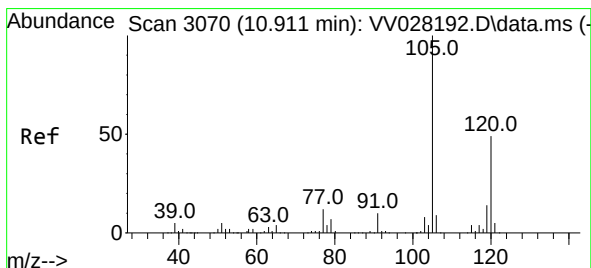
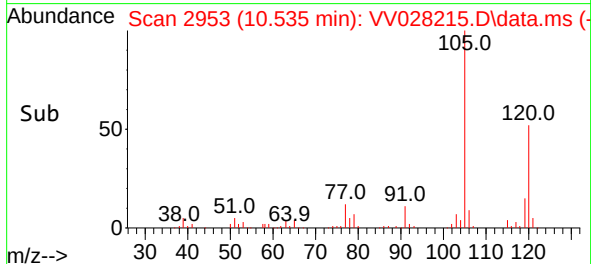
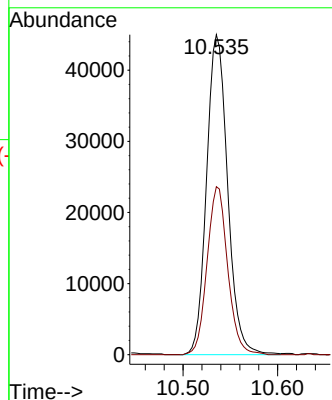
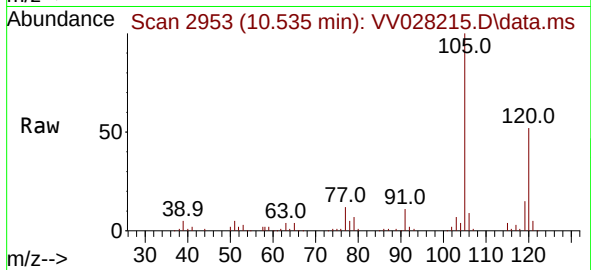
EW842MSD

Tgt Ion:105 Resp: 69612

Ion Ratio Lower Upper

105 100

120 51.3 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.548 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028215.D

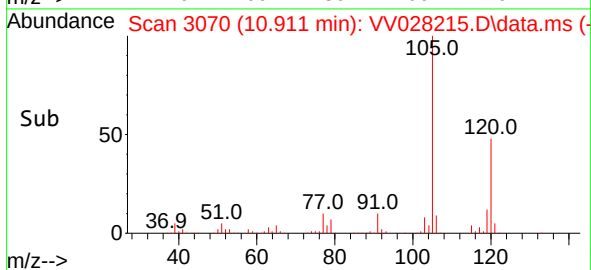
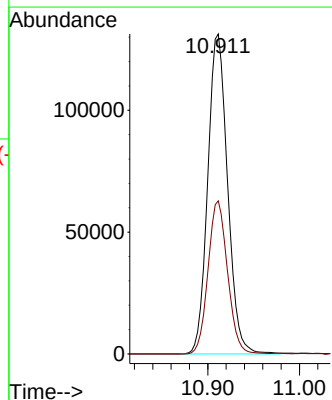
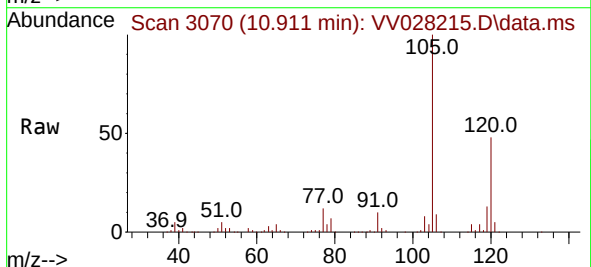
Acq: 30 Sep 2022 02:59

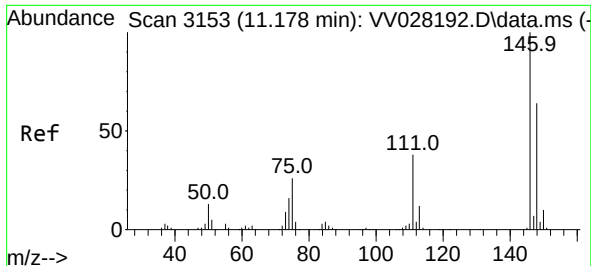
Tgt Ion:105 Resp: 197283

Ion Ratio Lower Upper

105 100

120 47.1 37.8 56.8

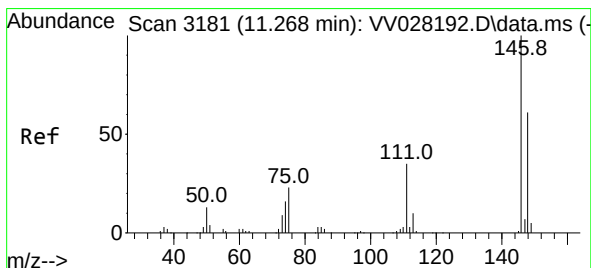
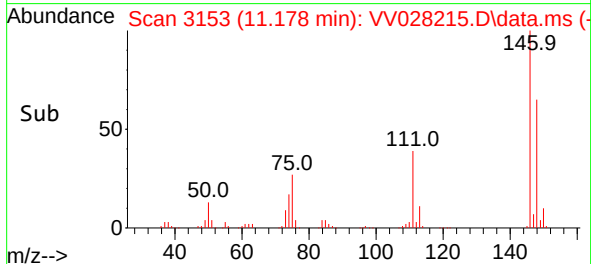
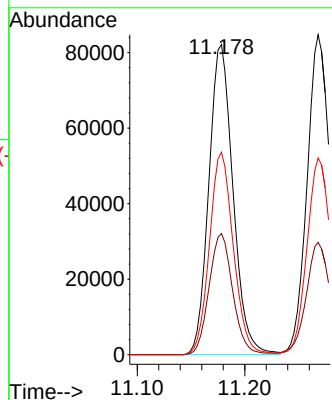
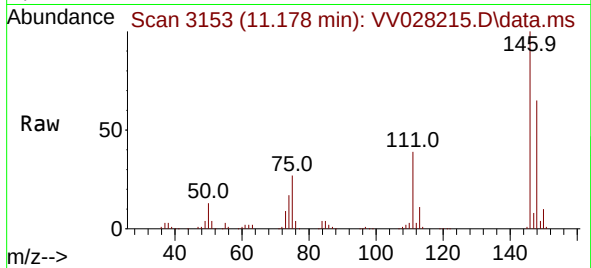




#64
1,3-Dichlorobenzene
Concen: 4.686 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

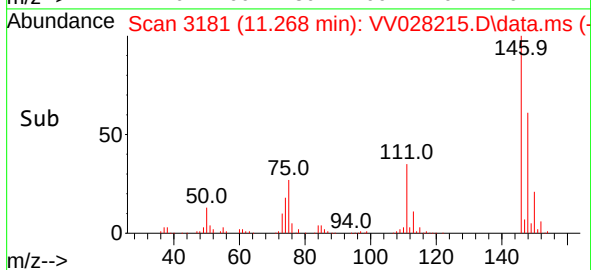
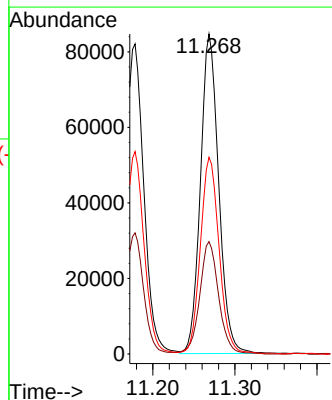
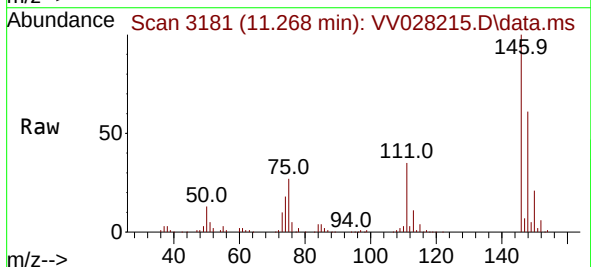
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

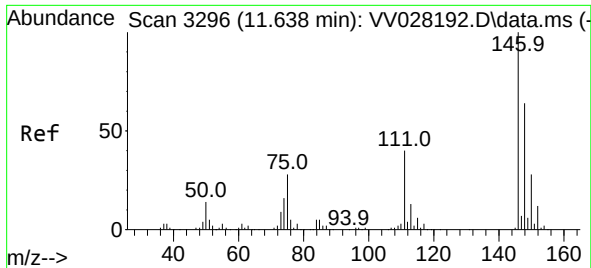
Tgt Ion:146 Resp: 128475
Ion Ratio Lower Upper
146 100
111 39.0 27.1 50.3
148 65.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 4.774 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion:146 Resp: 130939
Ion Ratio Lower Upper
146 100
111 35.1 26.2 48.8
148 61.5 45.8 85.2

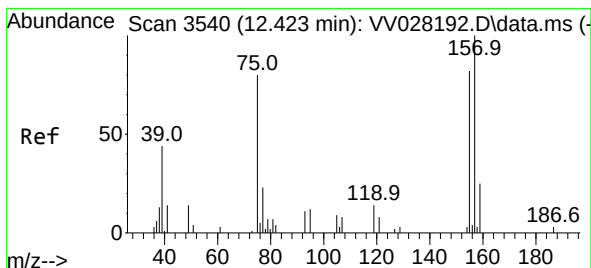
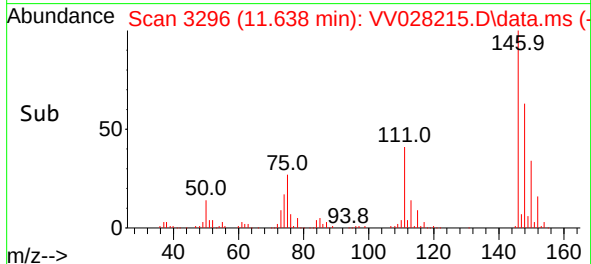
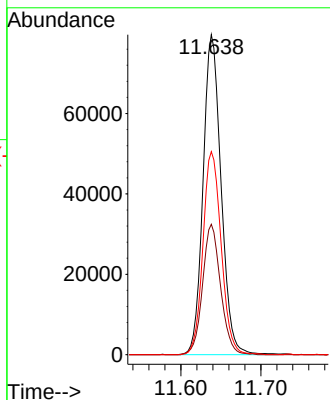
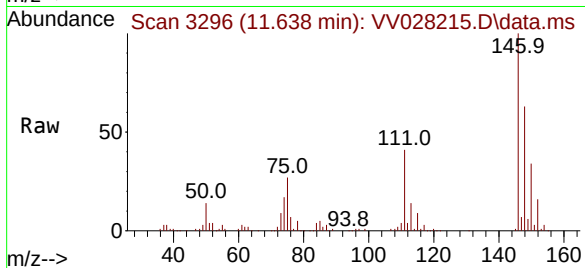




#67
1,2-Dichlorobenzene
Concen: 4.830 ug/L
RT: 11.638 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

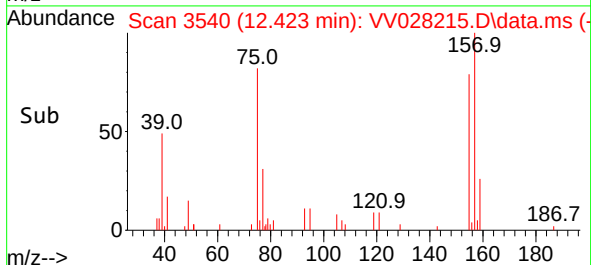
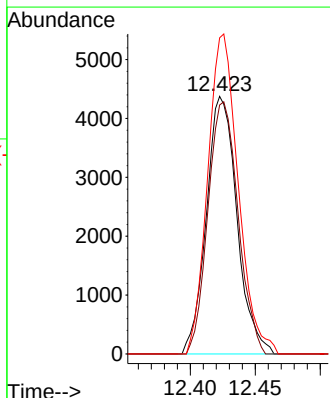
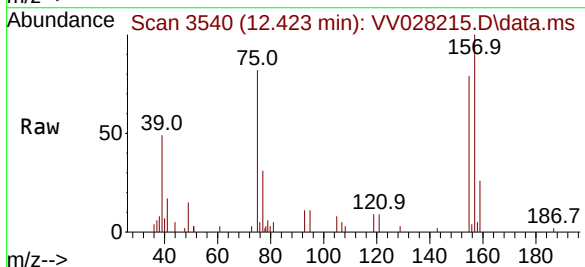
Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

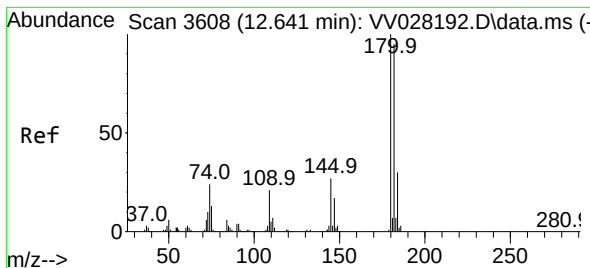
Tgt Ion:146 Resp: 125089
Ion Ratio Lower Upper
146 100
111 40.7 32.6 49.0
148 63.5 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.159 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion: 75 Resp: 7176
Ion Ratio Lower Upper
75 100
155 96.6 73.6 110.4
157 122.7 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 4.928 ug/L

RT: 12.641 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV028215.D

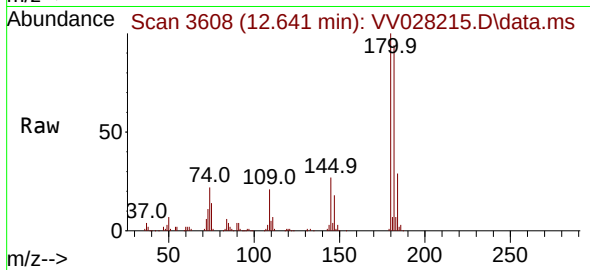
Acq: 30 Sep 2022 02:59

Instrument :

MSVOA_V

ClientSampleId :

EW842MSD



Tgt Ion:180 Resp: 106942

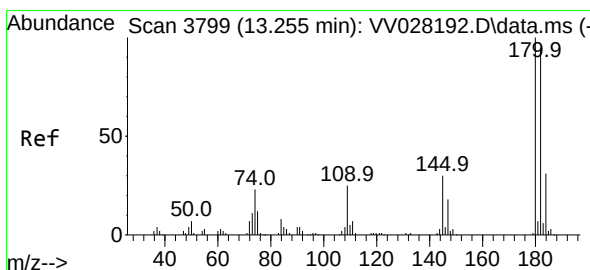
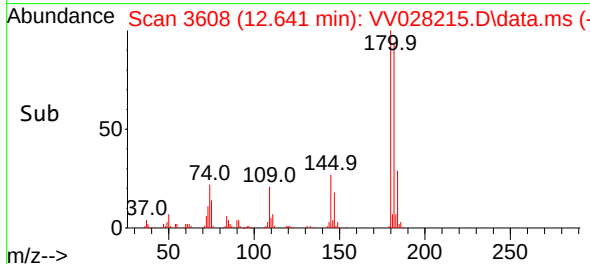
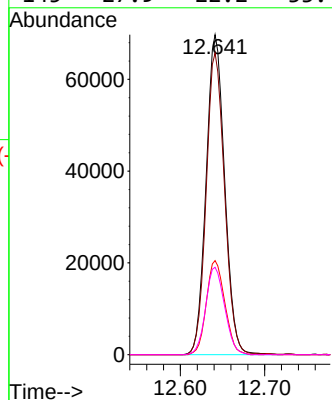
Ion Ratio Lower Upper

180 100

182 93.1 75.5 113.3

184 29.3 23.7 35.5

145 27.9 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 5.249 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.003 min

Lab File: VV028215.D

Acq: 30 Sep 2022 02:59

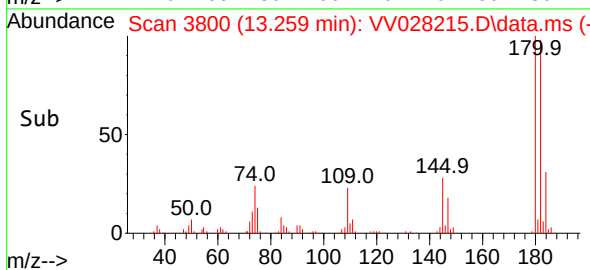
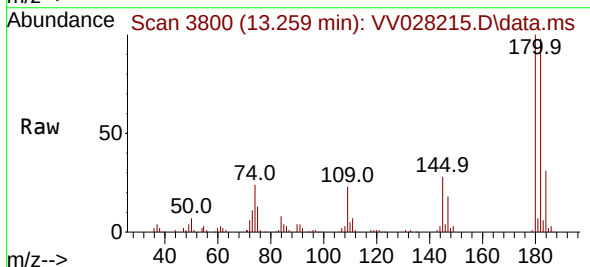
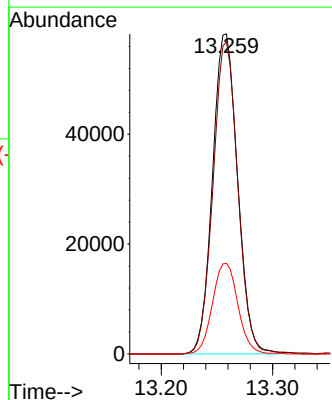
Tgt Ion:180 Resp: 91094

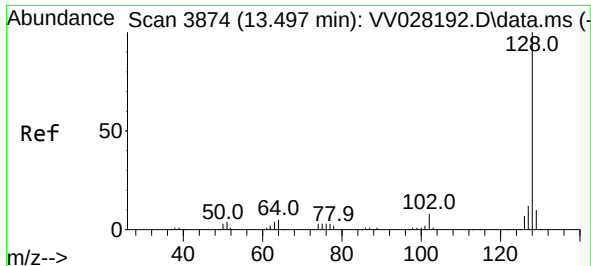
Ion Ratio Lower Upper

180 100

182 96.4 76.3 114.5

145 28.8 22.9 34.3

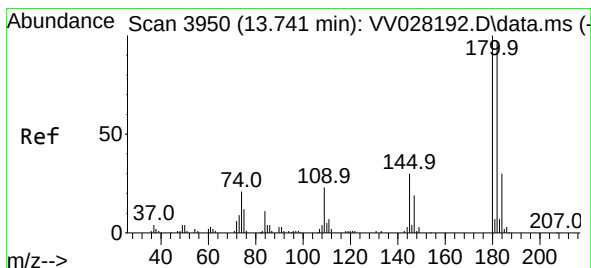
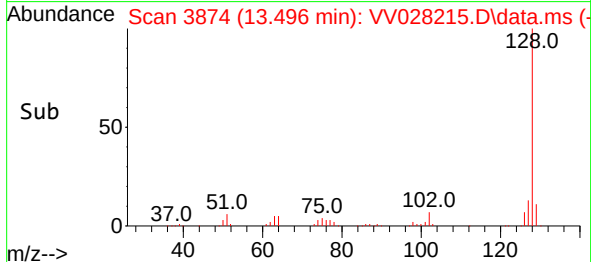
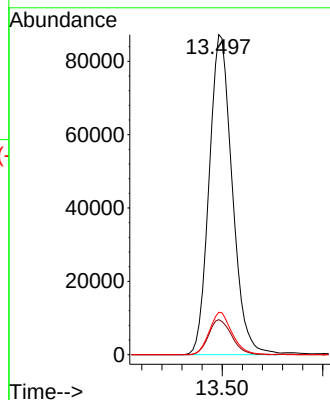
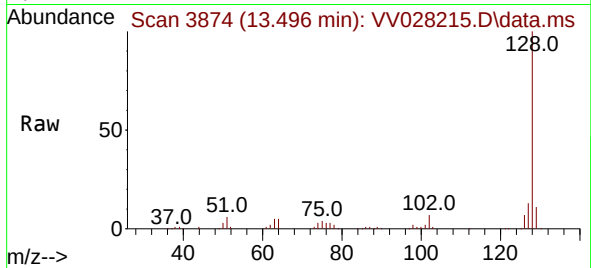




#71
Naphthalene
Concen: 4.893 ug/L
RT: 13.496 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Instrument :
MSVOA_V
ClientSampleId :
EW842MSD

Tgt Ion:128 Resp: 139059
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.2
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.326 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028215.D
Acq: 30 Sep 2022 02:59

Tgt Ion:180 Resp: 83596
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.0
145 30.2 24.6 36.8

