

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023367.D
 Acq On : 02 Jun 2022 10:23
 Operator : SY/VA
 Sample : VSTD2.507
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5407

Quant Time: Jun 02 21:25:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:25:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	401080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	367318	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	181656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	15227	2.567	ug/L	0.00
7) Chloroethane-d5	2.891	69	7939	1.931	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	23931	2.625	ug/L	0.00
21) 2-Butanone-d5	7.013	46	206	0.169	ug/L	-0.07
24) Chloroform-d	7.653	84	27633	2.616	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	14753	2.667	ug/L	0.00
32) Benzene-d6	8.275	84	50224	2.545	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	14960	2.649	ug/L	0.00
41) Toluene-d8	10.323	98	44964	2.389	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5726	2.272	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	4054	4.469	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	12204	2.451	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	15813	2.463	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	2793	1.697	ug/L	95
3) Chloromethane	2.215	50	13305	2.686	ug/L	93
5) Vinyl chloride	2.361	62	19517	2.531	ug/L	95
6) Bromomethane	2.776	94	7884	2.095	ug/L	89
8) Chloroethane	2.873	64	118	0.033	ug/L	89
9) Trichlorofluoromethane	3.257	101	9603	2.637	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	13677	2.592	ug/L #	89
12) 1,1-Dichloroethene	4.037	96	11153	2.426	ug/L #	78
13) Acetone	4.117	43	2349	2.639	ug/L	81
14) Carbon disulfide	4.385	76	39297	2.559	ug/L #	95
15) Methyl Acetate	4.440	43	203	0.103	ug/L	90
16) Methylene chloride	4.915	84	18614	3.240	ug/L	84
17) trans-1,2-Dichloroethene	5.427	96	13160	2.454	ug/L	85
18) Methyl tert-butyl Ether	5.415	73	7993	1.012	ug/L #	88
19) 1,1-Dichloroethane	6.226	63	23604	2.599	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	14020	2.490	ug/L	97
22) 2-Butanone	7.177	43	6826	5.135	ug/L	78
23) Bromochloromethane	7.512	128	6594	2.475	ug/L	98
25) Chloroform	7.683	83	25466	2.561	ug/L	96
27) 1,2-Dichloroethane	8.403	62	16422	2.566	ug/L	96
29) Cyclohexane	7.890	56	131	0.017	ug/L #	1
30) 1,1,1-Trichloroethane	7.872	97	22079	2.597	ug/L	99
31) Carbon tetrachloride	8.067	117	20500	2.564	ug/L	96
33) Benzene	8.323	78	53712	2.553	ug/L	100
34) Trichloroethene	9.091	95	14575	2.558	ug/L	89
35) Methylcyclohexane	9.341	83	21713	2.300	ug/L	91
37) 1,2-Dichloropropane	9.372	63	12570	2.536	ug/L #	91
38) Bromodichloromethane	9.646	83	17915	2.553	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	17542	2.253	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	12851	4.574	ug/L	99
42) Toluene	10.390	91	54907	2.349	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	16014	2.299	ug/L	93

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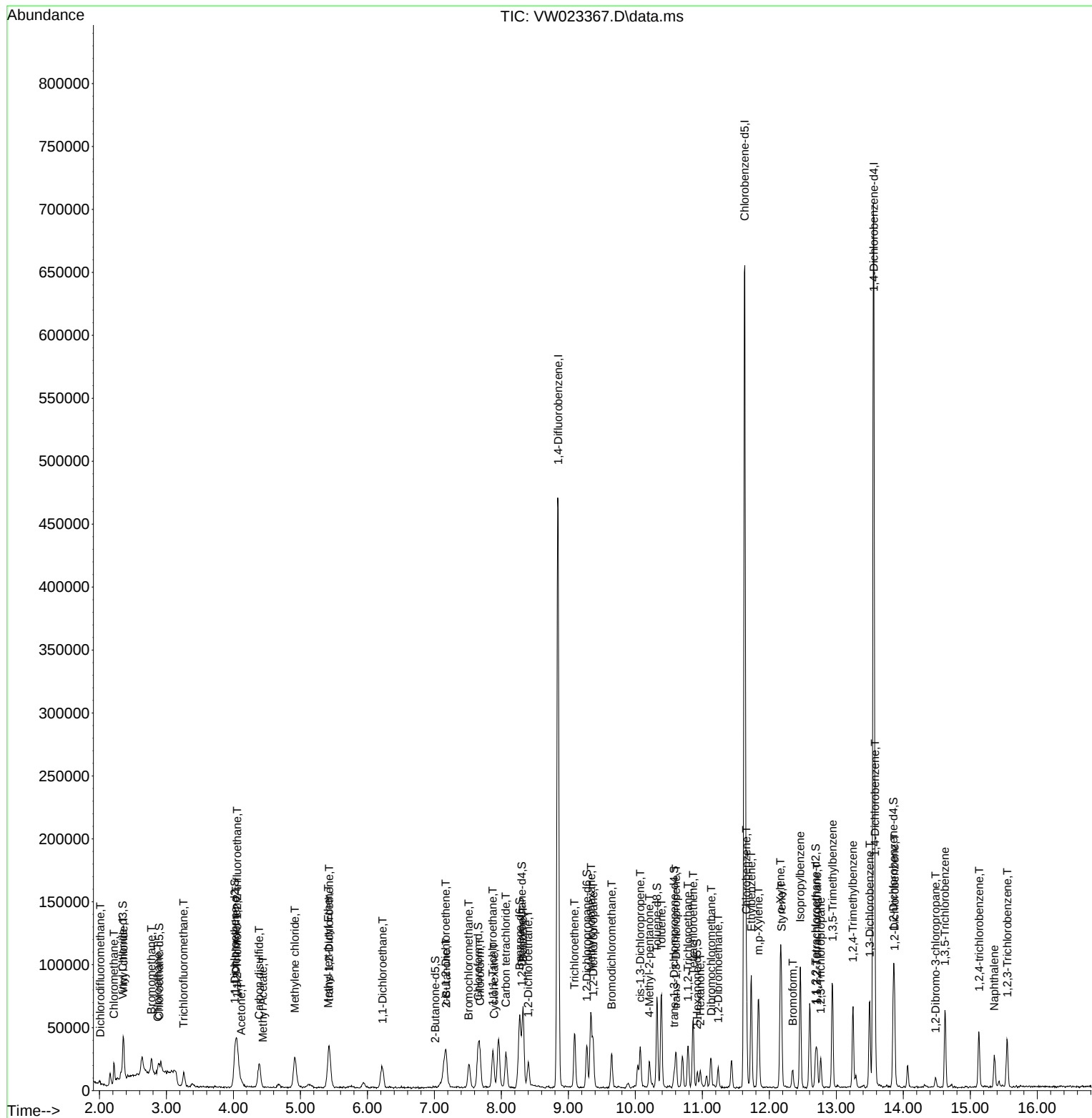
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	10404	2.563	ug/L	97
46) Tetrachloroethene	10.866	164	10825	2.372	ug/L	90
48) 2-Hexanone	10.969	43	8096	4.312	ug/L	95
49) Dibromochloromethane	11.134	129	11953	2.400	ug/L	99
50) 1,2-Dibromoethane	11.237	107	9677	2.446	ug/L #	94
51) Chlorobenzene	11.658	112	38024	2.464	ug/L	95
52) Ethylbenzene	11.731	91	59657	2.324	ug/L	96
53) m,p-Xylene	11.841	106	22455	2.209	ug/L	97
54) o-Xylene	12.164	106	20928	2.152	ug/L	98
55) Styrene	12.182	104	35087	2.117	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	11650	2.430	ug/L	99
59) Bromoform	12.353	173	6204	2.326	ug/L #	99
60) Isopropylbenzene	12.463	105	57266	2.299	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8651	2.649	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	44823	2.196	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	34397	2.170	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	27517	2.429	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	28686	2.478	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	24866	2.429	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	2038	2.802	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.621	180	17434	2.331	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	12483	2.100	ug/L	97
71) Naphthalene	15.359	128	20824	1.861	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	11521	2.240	ug/L	97

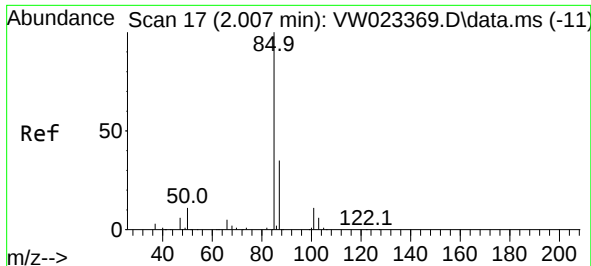
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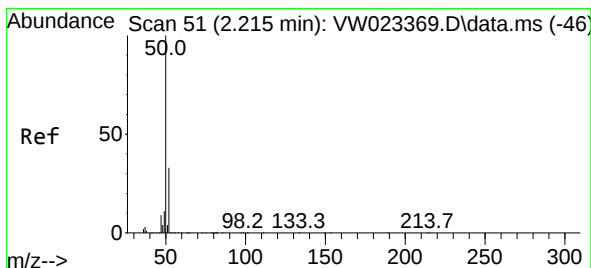
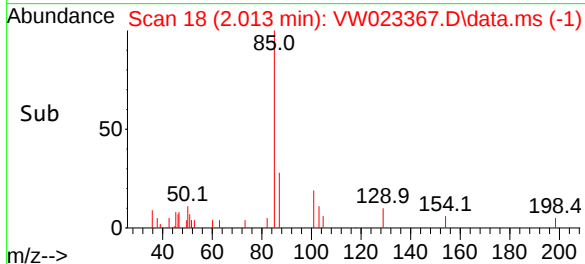
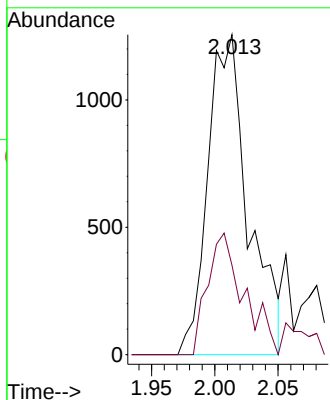
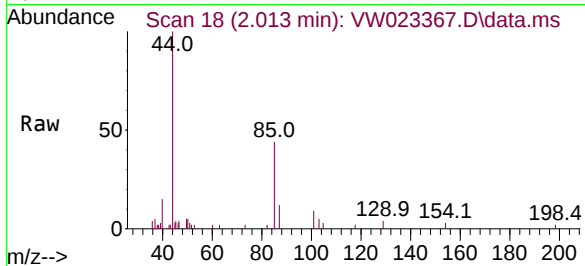




#2
Dichlorodifluoromethane
Concen: 1.697 ug/L
RT: 2.013 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

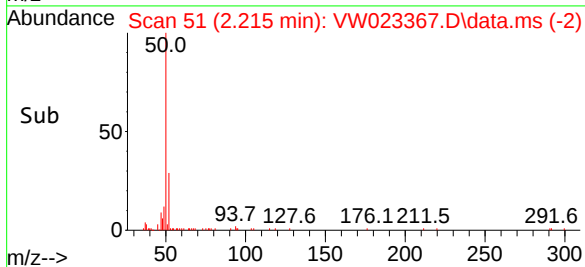
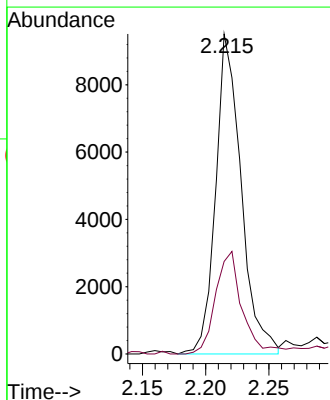
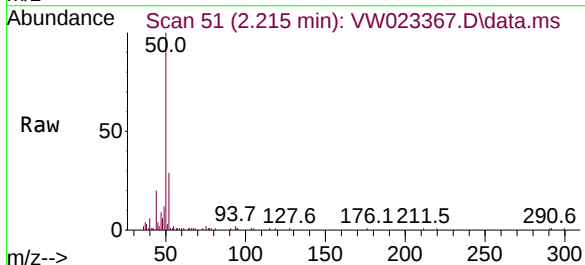
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MSVOA_W
ClientSampleId :
VSTD2.5407

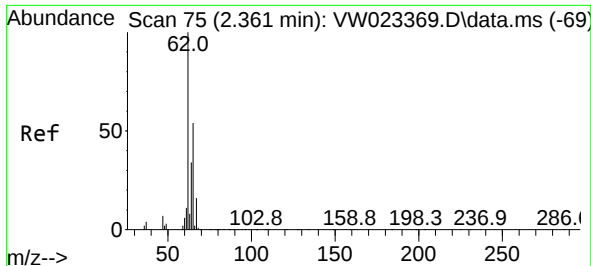
Tgt Ion: 85 Resp: 2793
Ion Ratio Lower Upper
85 100
87 30.3 26.3 39.5



#3
Chloromethane
Concen: 2.686 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 50 Resp: 13305
Ion Ratio Lower Upper
50 100
52 28.9 22.8 42.4

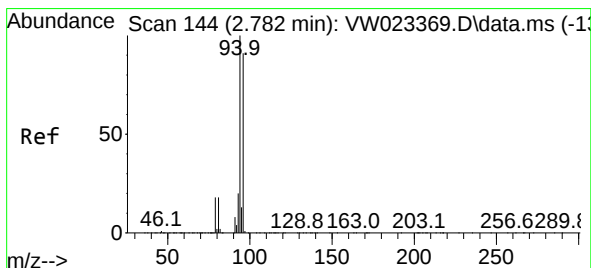
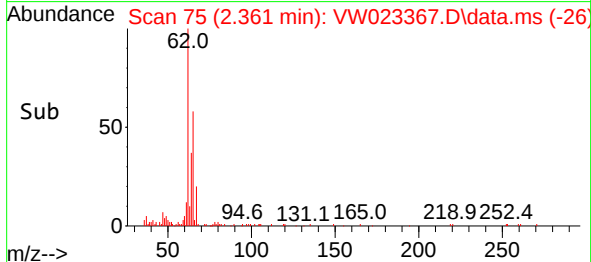
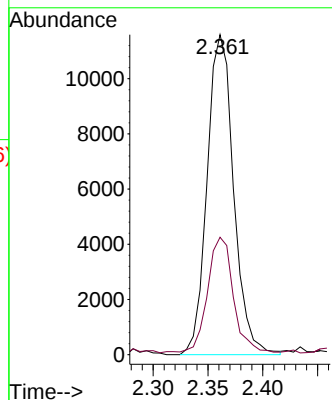
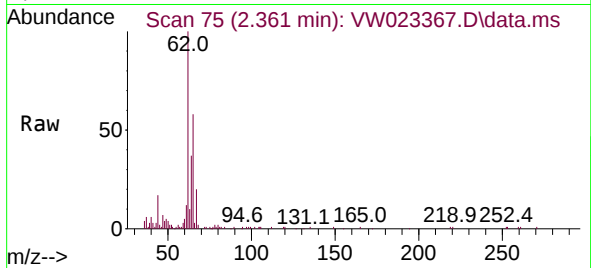




#5
 Vinyl chloride
 Concen: 2.531 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023367.D
 Acq: 02 Jun 2022 10:23

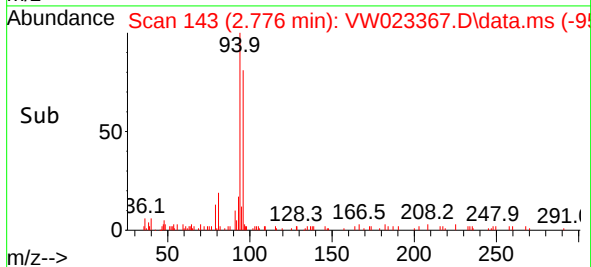
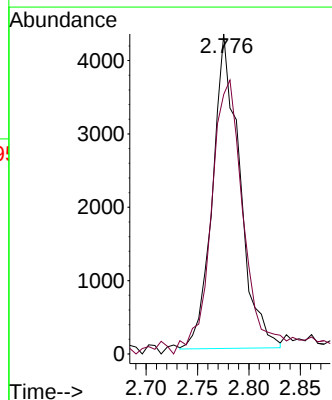
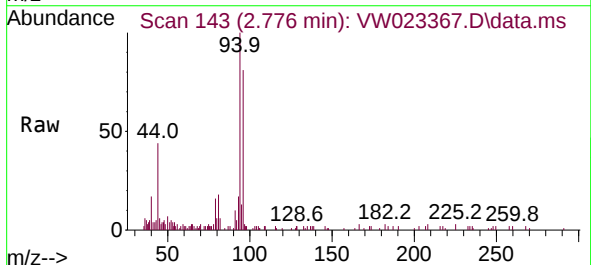
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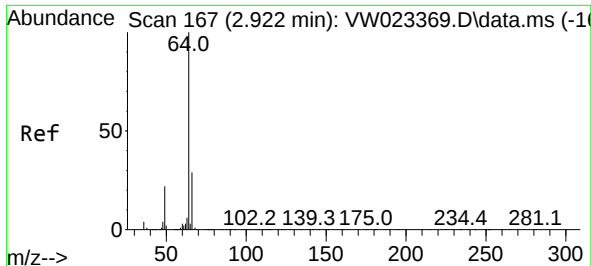
Tgt Ion: 62 Resp: 19517
 Ion Ratio Lower Upper
 62 100
 64 36.7 23.9 44.3



#6
 Bromomethane
 Concen: 2.095 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023367.D
 Acq: 02 Jun 2022 10:23

Tgt Ion: 94 Resp: 7884
 Ion Ratio Lower Upper
 94 100
 96 81.1 63.8 118.4

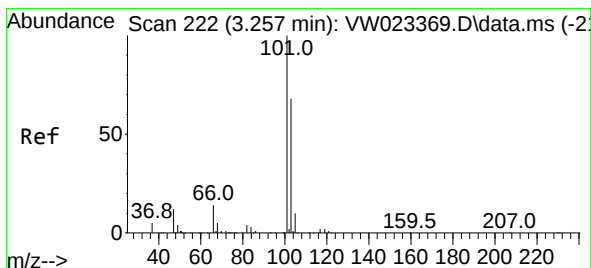
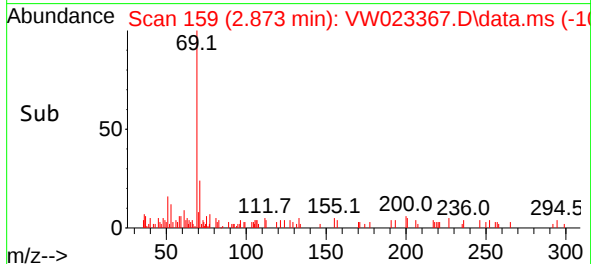
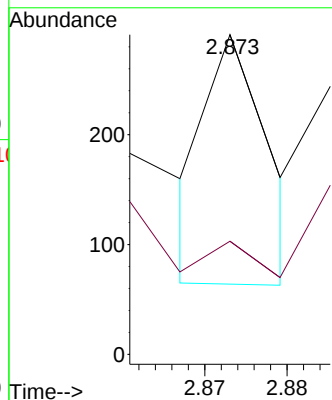
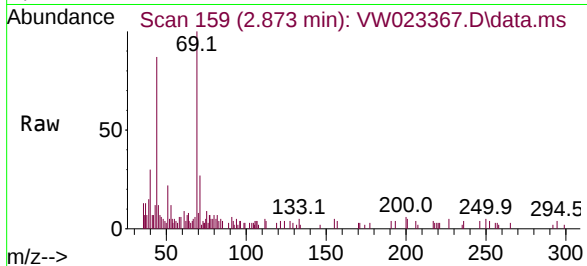




#8
Chloroethane
Concen: 0.033 ug/L
RT: 2.873 min Scan# 118
Delta R.T. -0.049 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

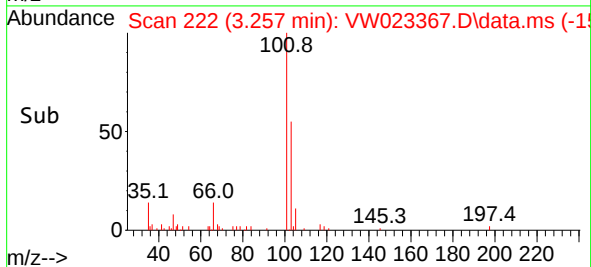
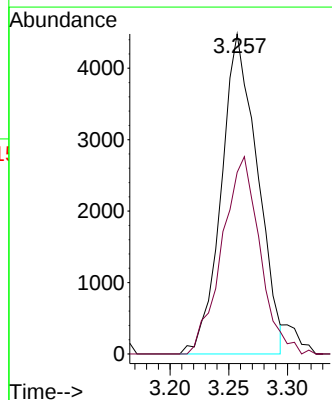
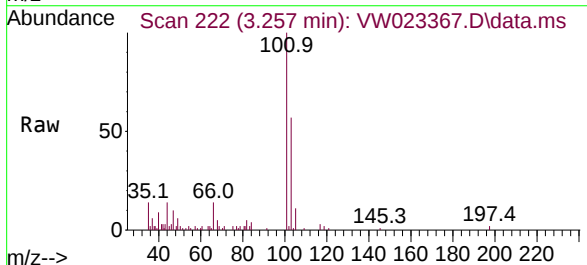
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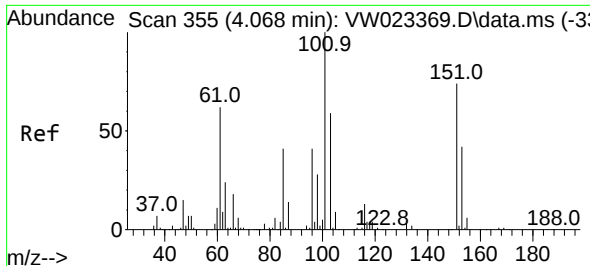
Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 35.4 20.6 38.4



#9
Trichlorofluoromethane
Concen: 2.637 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 101 Resp: 9603
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

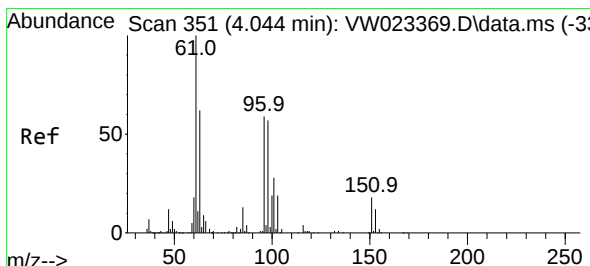
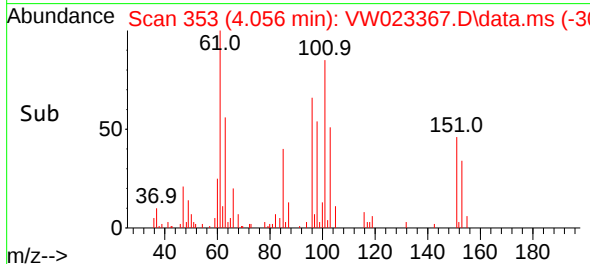
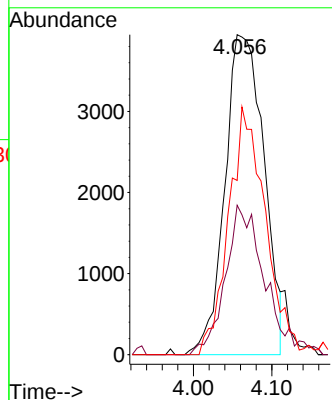
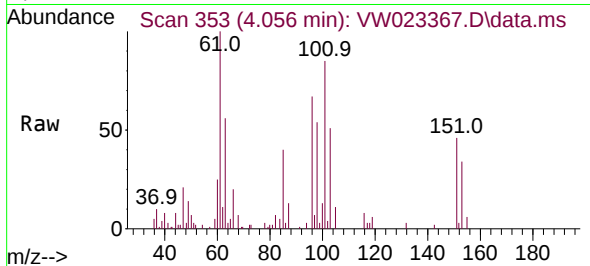




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.592 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW023367.D
 Acq: 02 Jun 2022 10:23

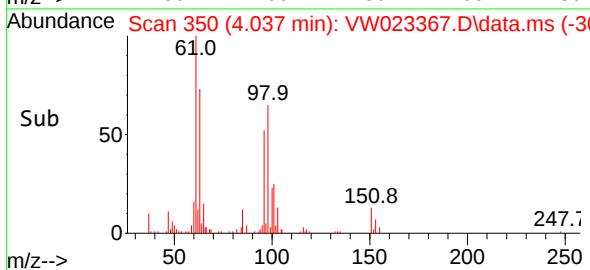
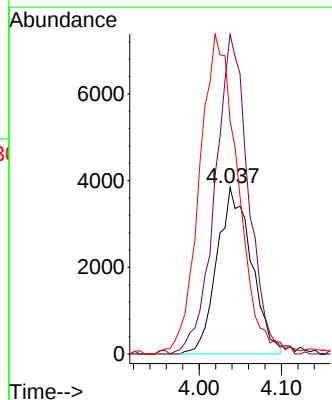
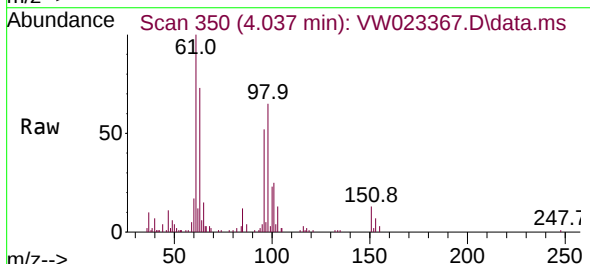
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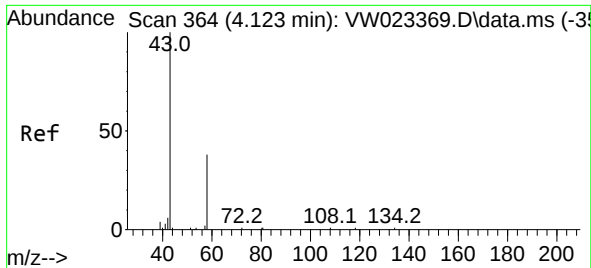
Tgt Ion:101 Resp: 13677
 Ion Ratio Lower Upper
 101 100
 85 26.3 35.4 53.0#
 151 72.6 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 2.426 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023367.D
 Acq: 02 Jun 2022 10:23

Tgt Ion: 96 Resp: 11153
 Ion Ratio Lower Upper
 96 100
 61 191.9 119.4 221.8
 63 139.9 74.7 138.7#





#13

Acetone

Concen: 2.639 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

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ClientSampleId :

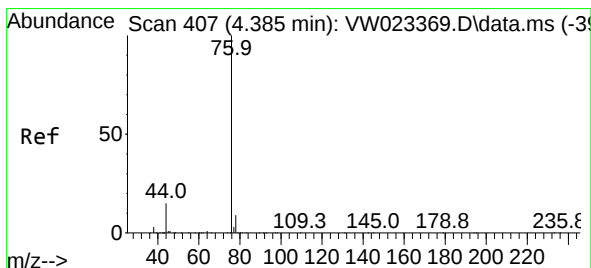
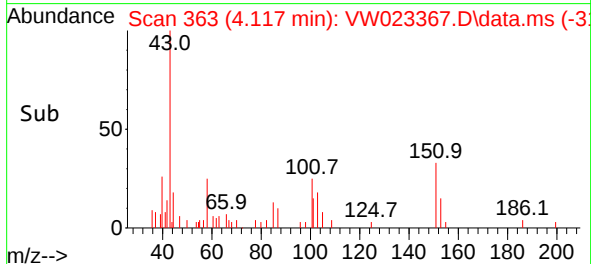
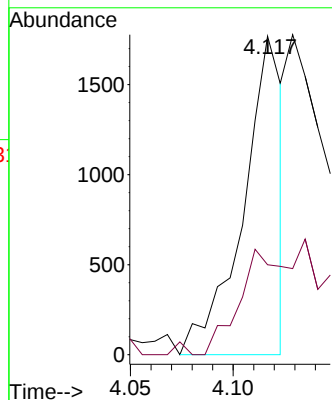
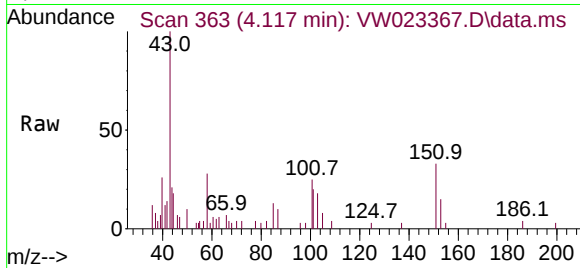
VSTD2.5407

Tgt Ion: 43 Resp: 2349

Ion Ratio Lower Upper

43 100

58 42.0 0.0 63.0



#14

Carbon disulfide

Concen: 2.559 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023367.D

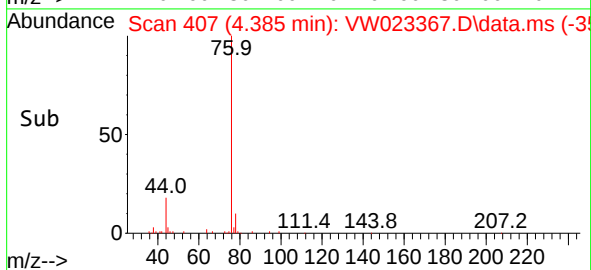
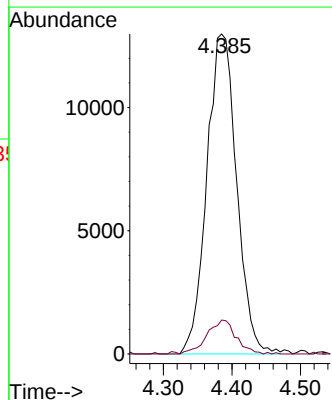
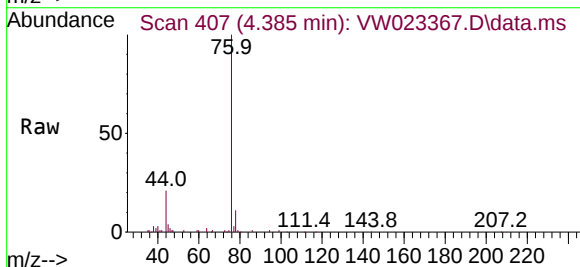
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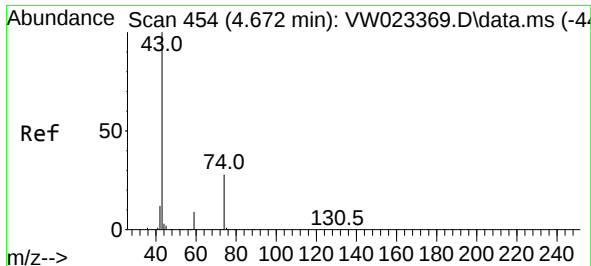
Tgt Ion: 76 Resp: 39297

Ion Ratio Lower Upper

76 100

78 10.6 7.0 10.6#

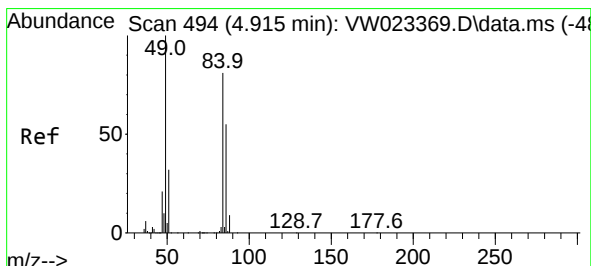
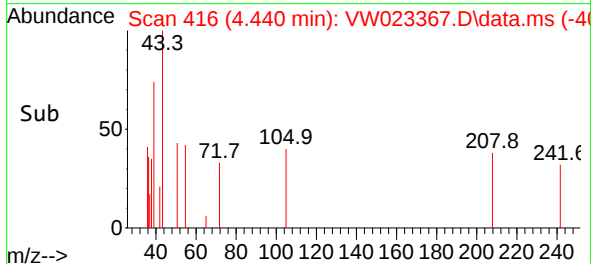
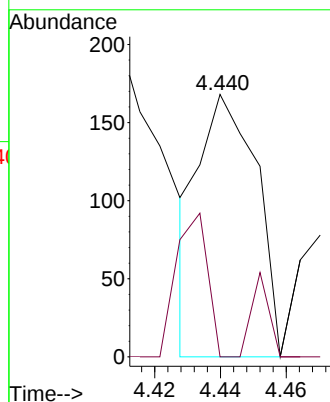
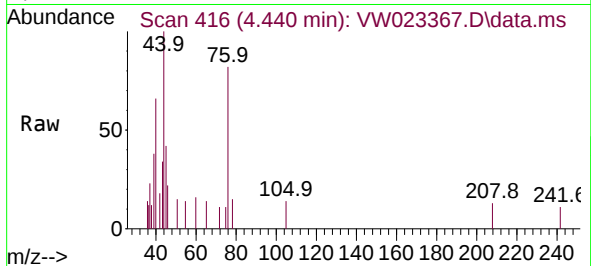




#15
Methyl Acetate
Concen: 0.103 ug/L
RT: 4.440 min Scan# 416
Delta R.T. -0.232 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

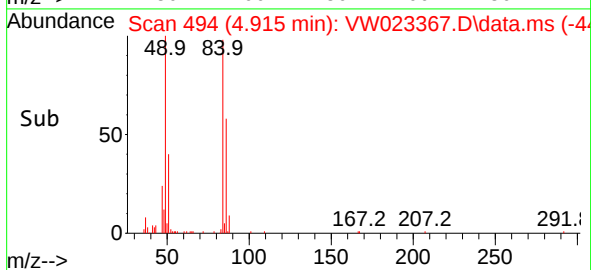
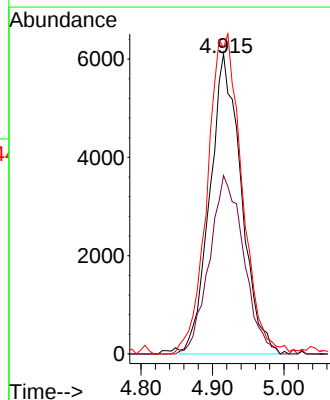
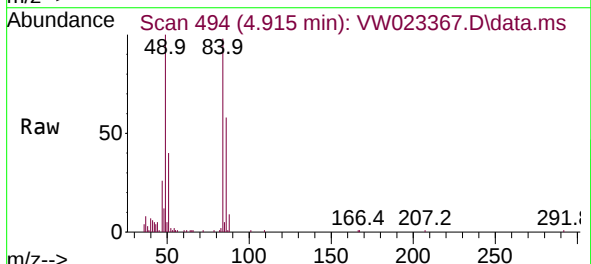
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

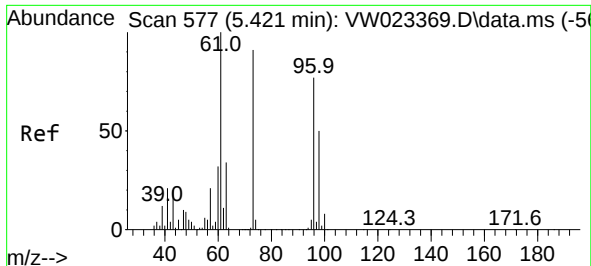
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
74 30.0 20.2 30.2



#16
Methylene chloride
Concen: 3.240 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 84 Resp: 18614
Ion Ratio Lower Upper
84 100
86 59.5 47.3 87.9
49 102.2 86.8 161.2

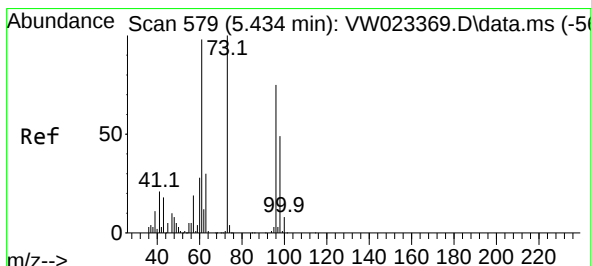
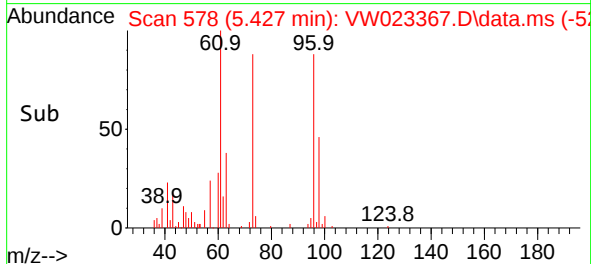
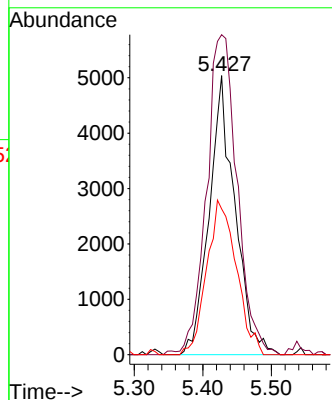
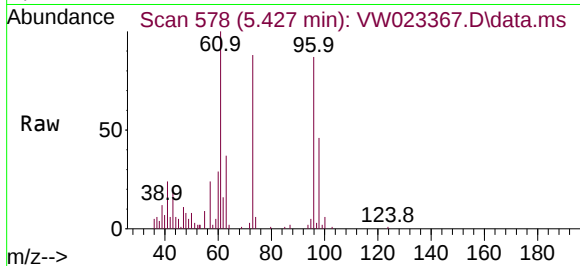




#17
trans-1,2-Dichloroethene
Concen: 2.454 ug/L
RT: 5.427 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

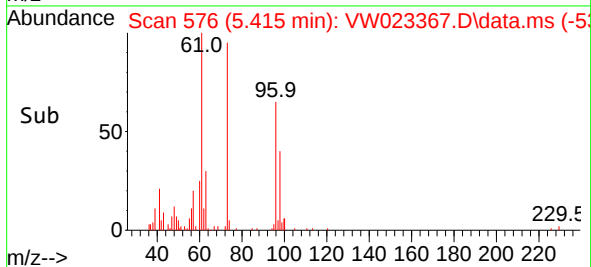
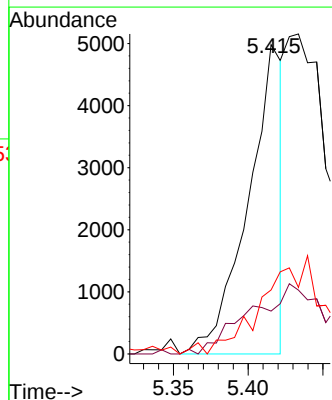
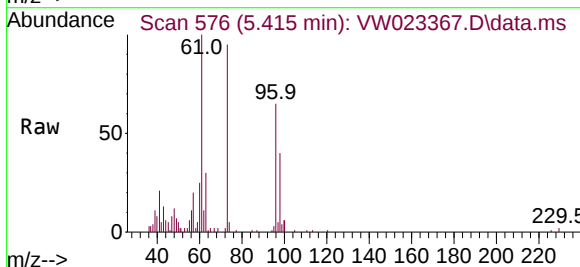
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

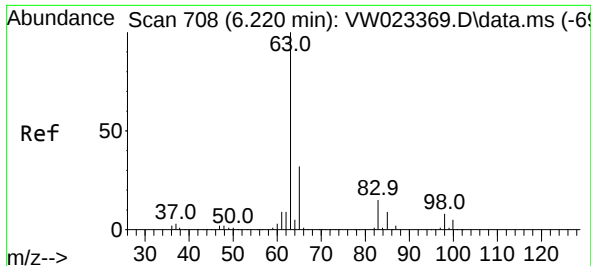
Tgt Ion: 96 Resp: 13160
Ion Ratio Lower Upper
96 100
61 114.7 91.6 170.0
98 52.2 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 1.012 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.018 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 73 Resp: 7993
Ion Ratio Lower Upper
73 100
43 21.1 16.6 25.0
57 31.9 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 2.599 ug/L

RT: 6.226 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

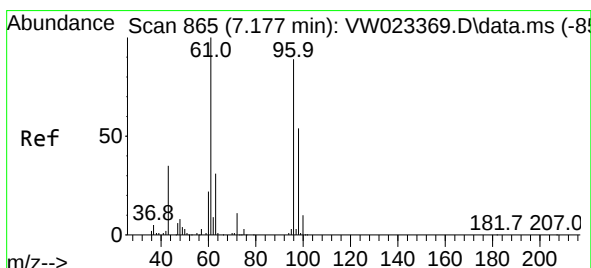
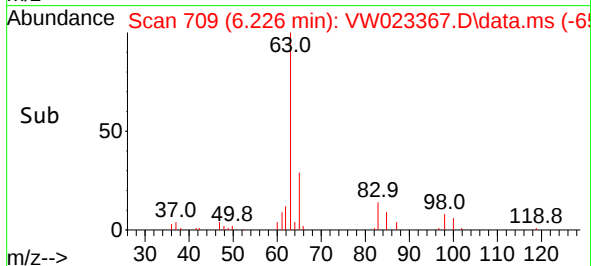
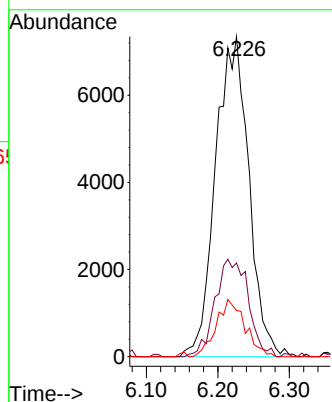
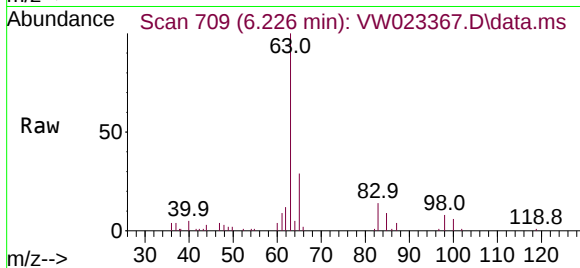
Tgt Ion: 63 Resp: 23604

Ion Ratio Lower Upper

63 100

65 29.3 22.7 42.1

83 14.5 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 2.490 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

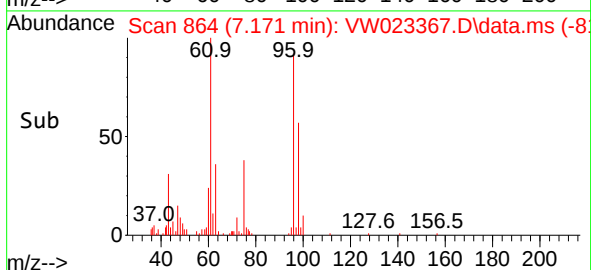
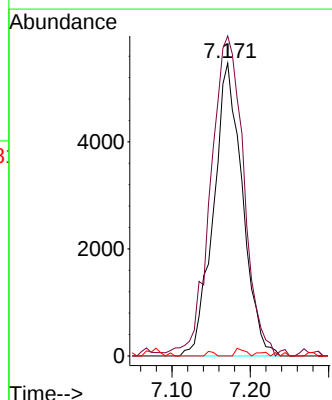
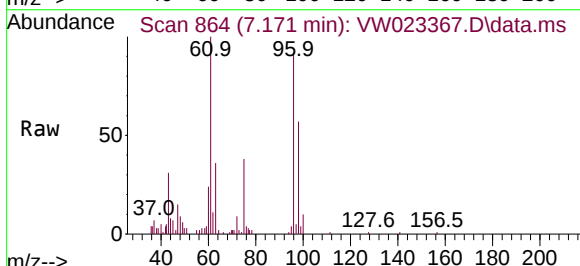
Tgt Ion: 96 Resp: 14020

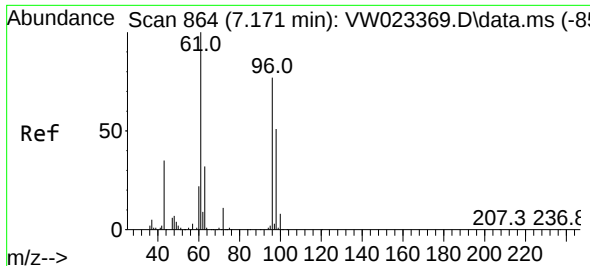
Ion Ratio Lower Upper

96 100

61 109.3 78.6 146.0

68 0.0 0.0 0.0

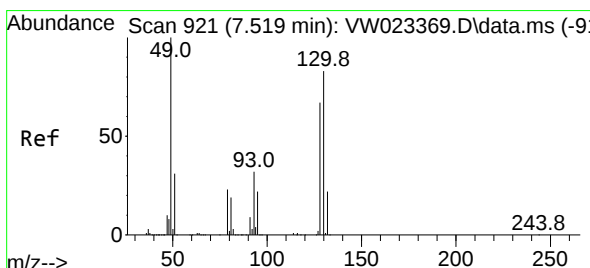
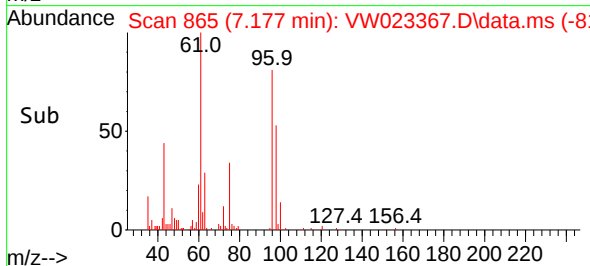
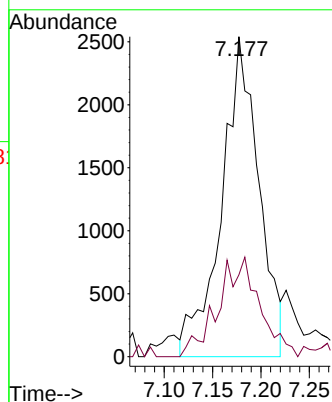
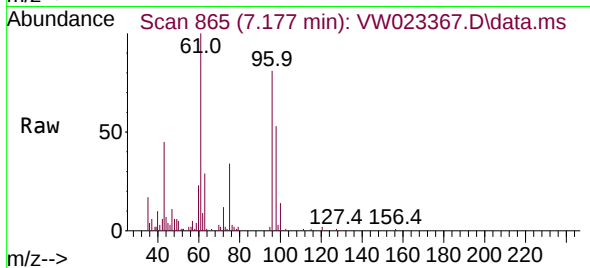




#22
2-Butanone
Concen: 5.135 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

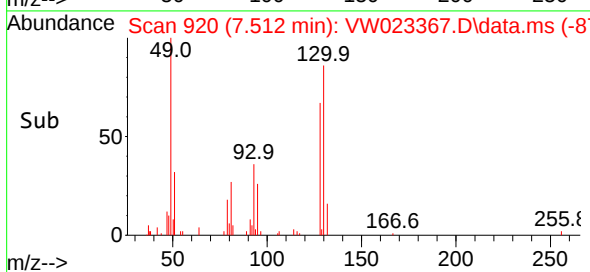
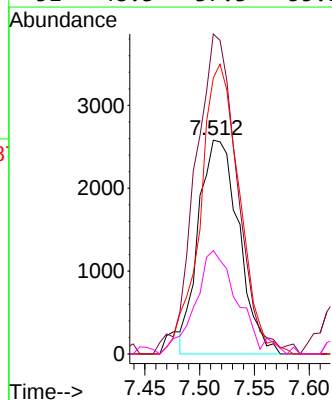
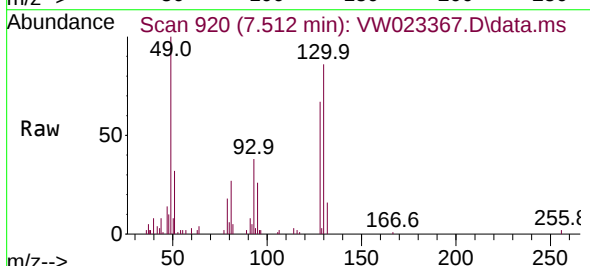
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

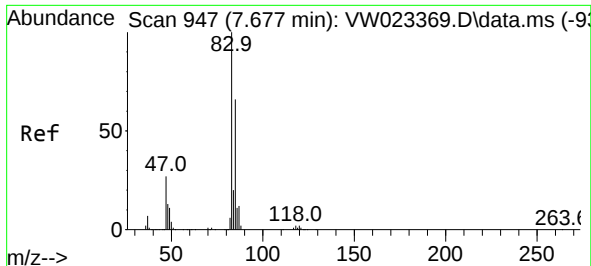
Tgt Ion: 43 Resp: 6826
Ion Ratio Lower Upper
43 100
72 19.2 15.7 47.0



#23
Bromochloromethane
Concen: 2.475 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 128 Resp: 6594
Ion Ratio Lower Upper
128 100
49 149.7 105.1 195.3
130 129.2 86.9 161.5
51 48.3 37.3 55.9

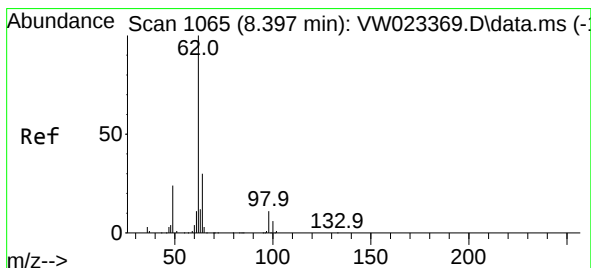
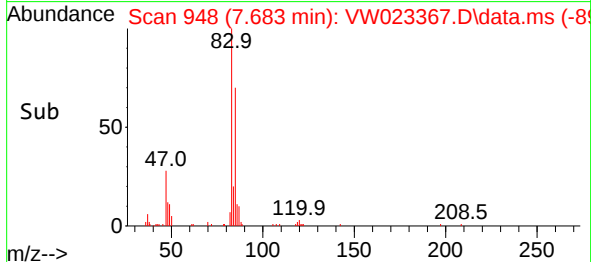
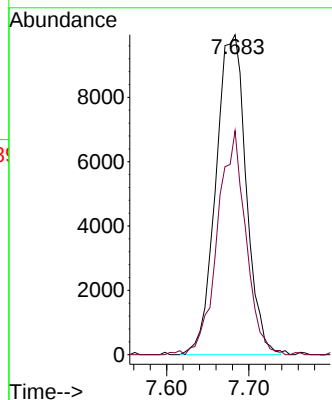
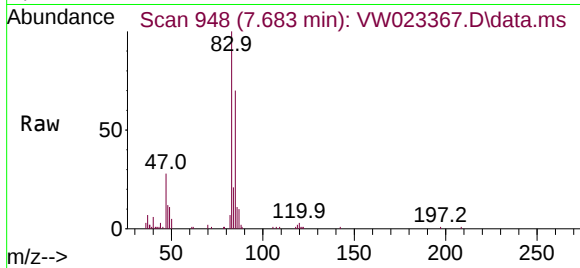




#25
Chloroform
Concen: 2.561 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

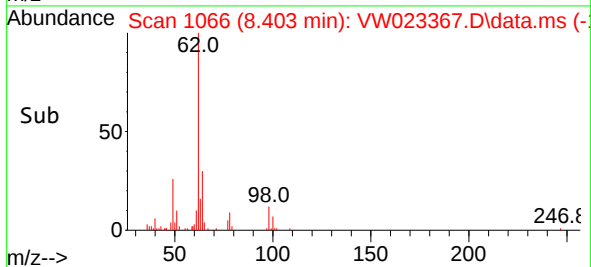
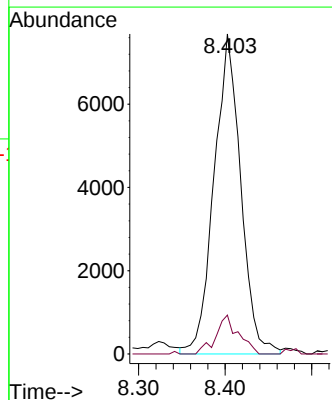
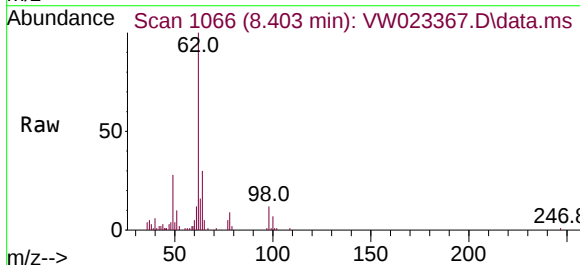
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

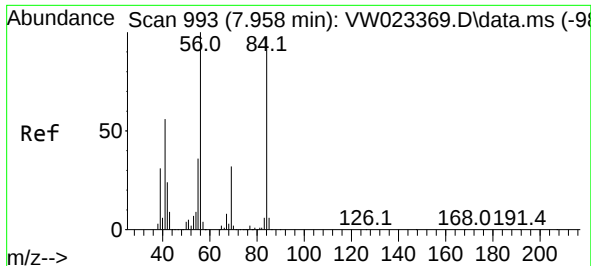
Tgt Ion: 83 Resp: 25466
Ion Ratio Lower Upper
83 100
85 70.0 46.7 86.7



#27
1,2-Dichloroethane
Concen: 2.566 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 62 Resp: 16422
Ion Ratio Lower Upper
62 100
98 12.2 8.5 12.7





#29

Cyclohexane

Concen: 0.017 ug/L

RT: 7.890 min Scan# 993

Delta R.T. -0.067 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

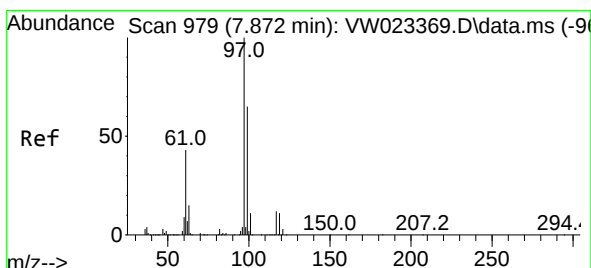
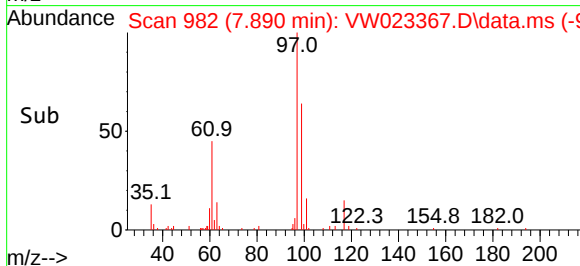
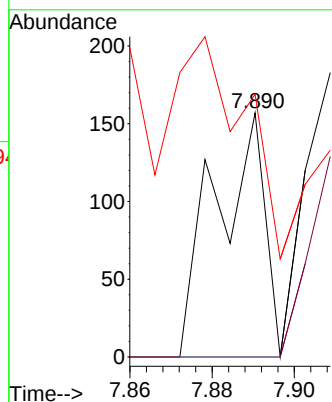
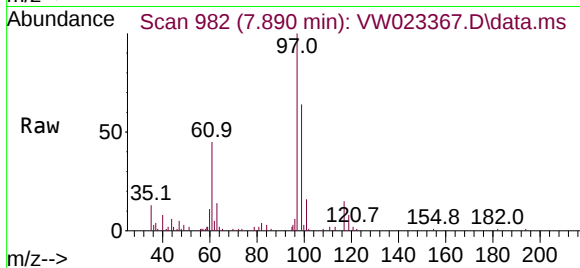
Tgt Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

69 76.3 25.2 37.8#

84 213.7 78.3 117.5#



#30

1,1,1-Trichloroethane

Concen: 2.597 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

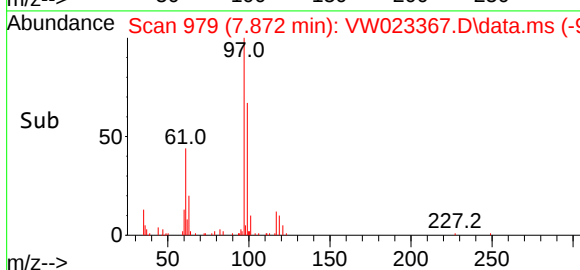
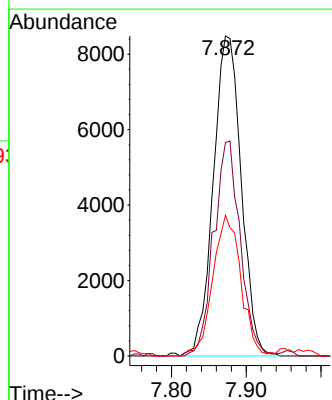
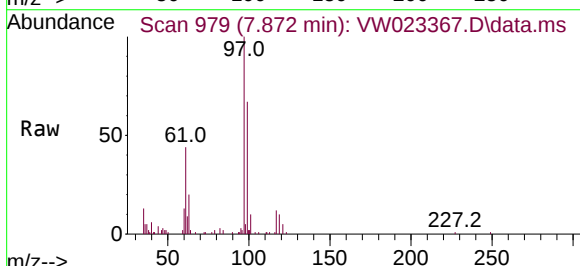
Tgt Ion: 97 Resp: 22079

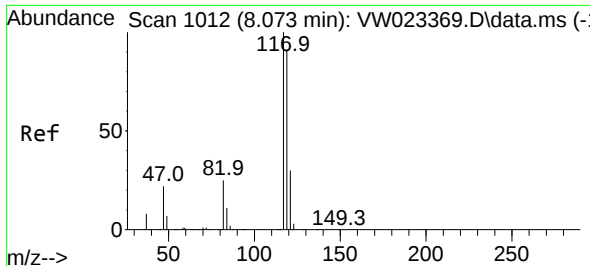
Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.2

61 44.0 34.7 52.1

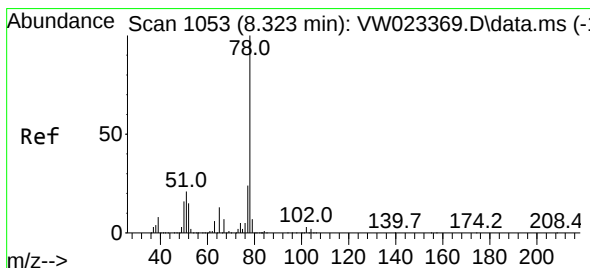
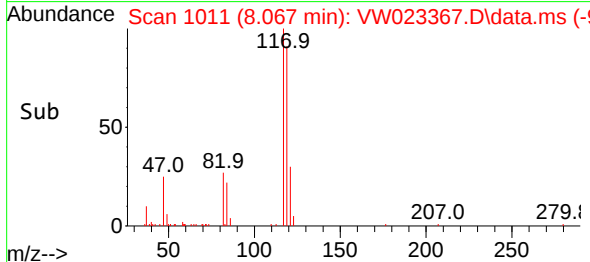
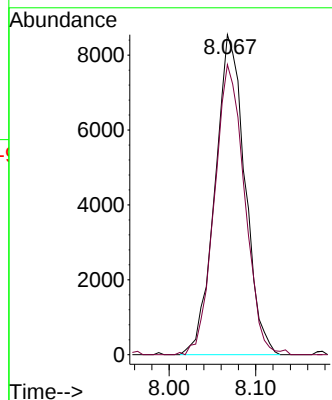
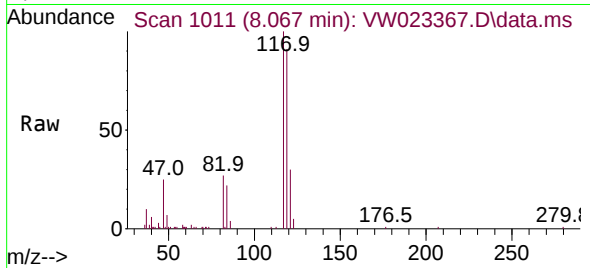




#31
Carbon tetrachloride
Concen: 2.564 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

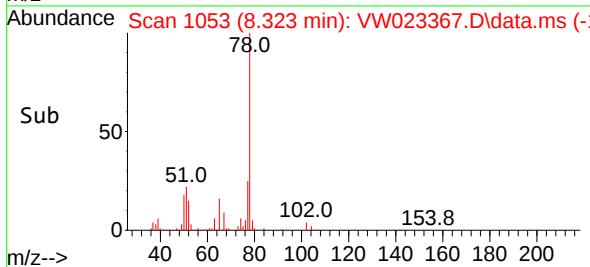
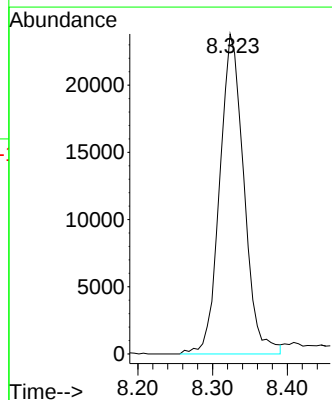
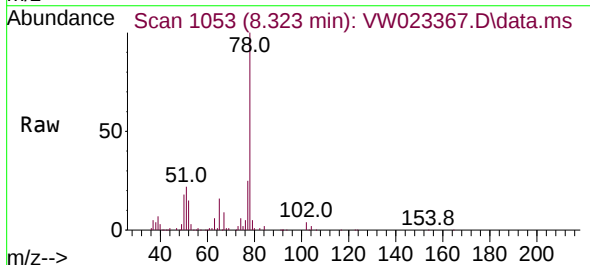
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

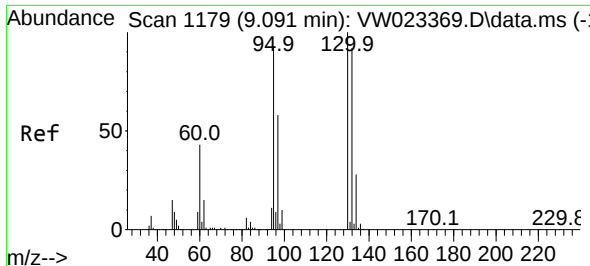
Tgt Ion:117 Resp: 20500
Ion Ratio Lower Upper
117 100
119 91.0 75.6 113.4



#33
Benzene
Concen: 2.553 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 78 Resp: 53712

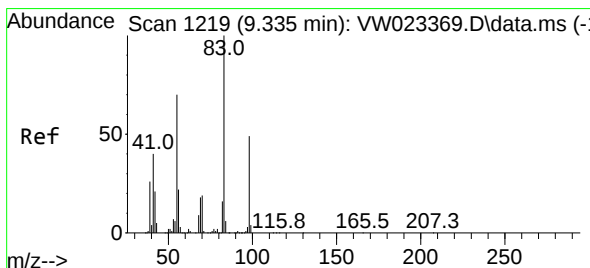
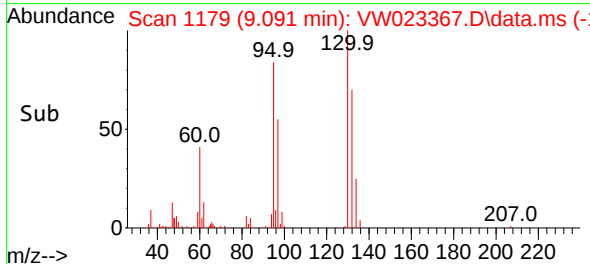
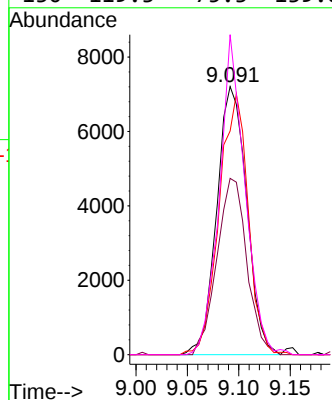
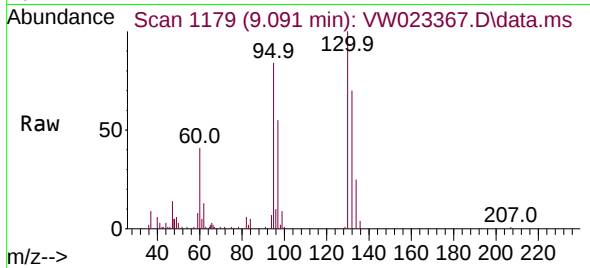




#34
Trichloroethene
Concen: 2.558 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

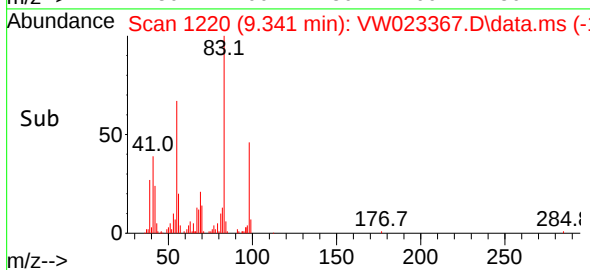
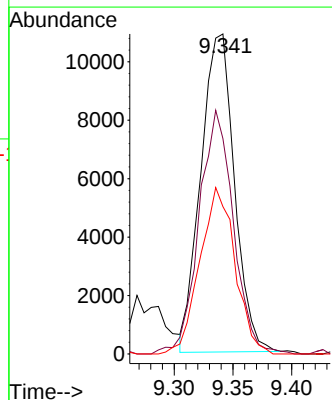
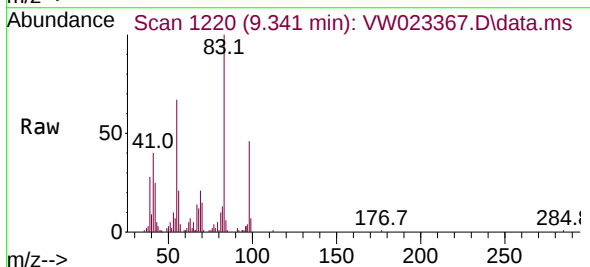
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

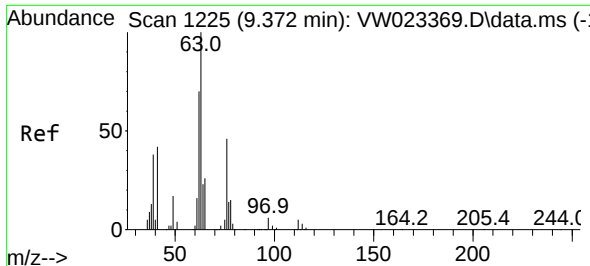
Tgt Ion:	95	Resp:	14575
Ion	Ratio	Lower	Upper
95	100		
97	65.7	43.8	81.3
132	83.4	68.9	127.9
130	119.3	75.3	139.8



#35
Methylcyclohexane
Concen: 2.300 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion:	83	Resp:	21713
Ion	Ratio	Lower	Upper
83	100		
55	78.3	56.5	84.7
98	54.8	39.7	59.5





#37

1,2-Dichloropropane

Concen: 2.536 ug/L

RT: 9.372 min Scan# 112

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

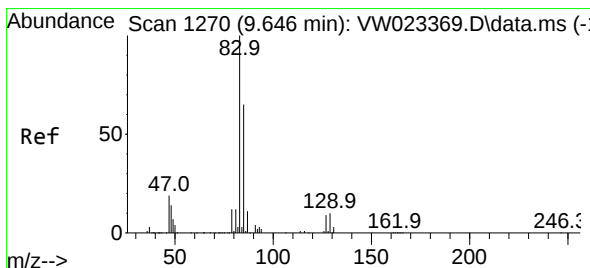
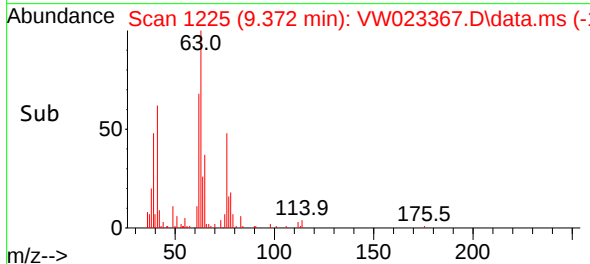
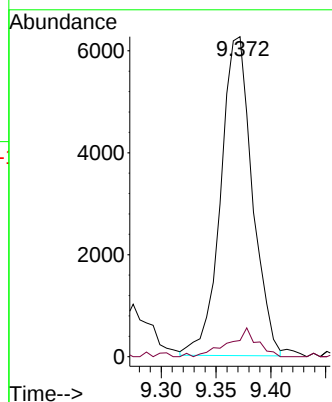
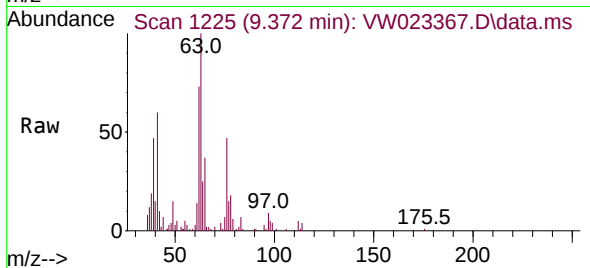
VSTD2.5407

Tgt Ion: 63 Resp: 12570

Ion Ratio Lower Upper

63 100

112 7.9 4.0 6.0#



#38

Bromodichloromethane

Concen: 2.553 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

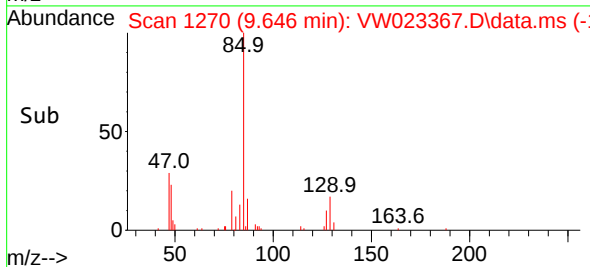
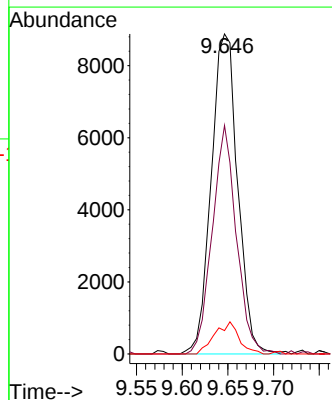
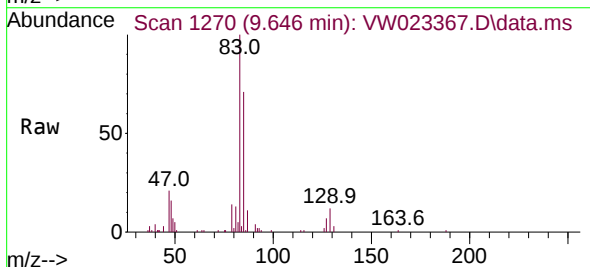
Tgt Ion: 83 Resp: 17915

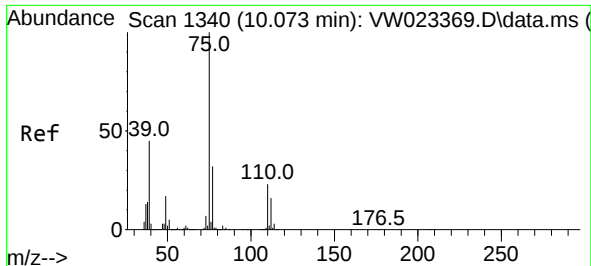
Ion Ratio Lower Upper

83 100

85 71.4 45.8 85.0

127 7.3 7.4 11.0#

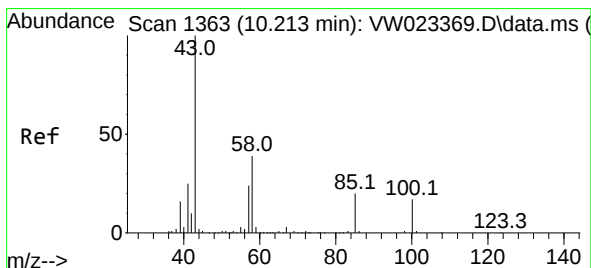
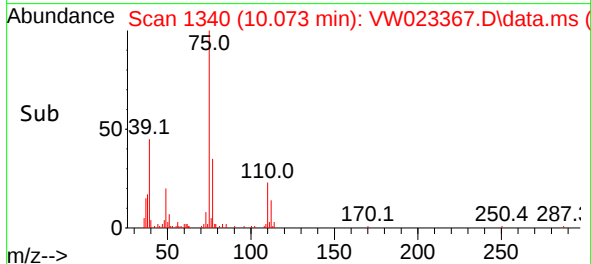
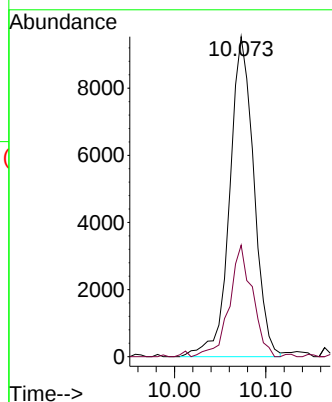
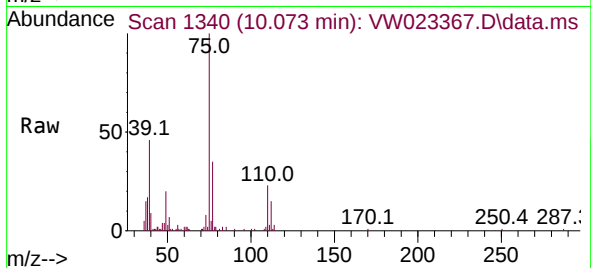




#39
 cis-1,3-Dichloropropene
 Concen: 2.253 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW023367.D
 Acq: 02 Jun 2022 10:23

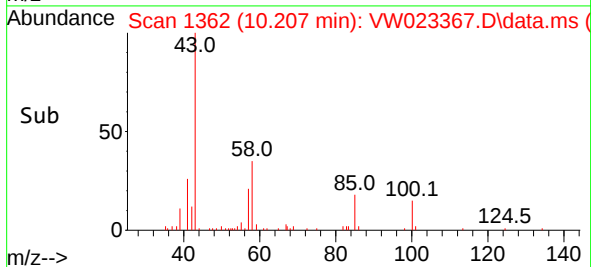
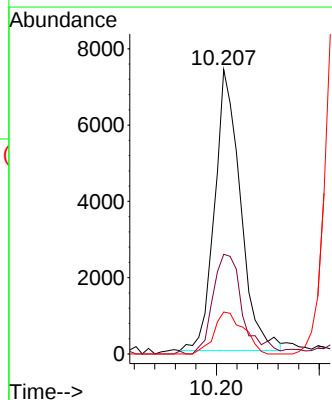
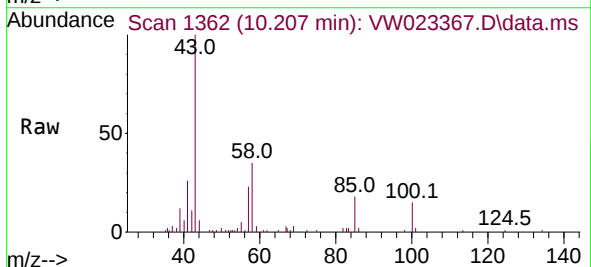
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5407

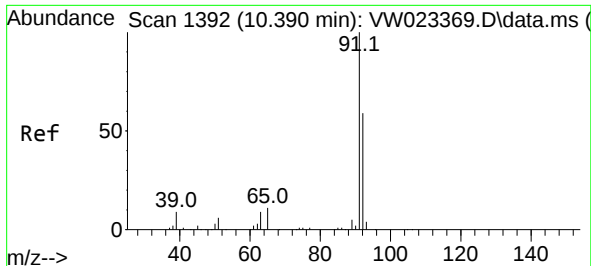
Tgt Ion: 75 Resp: 17542
 Ion Ratio Lower Upper
 75 100
 77 34.9 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 4.574 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW023367.D
 Acq: 02 Jun 2022 10:23

Tgt Ion: 43 Resp: 12851
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.5 47.3
 100 17.1 13.7 20.5

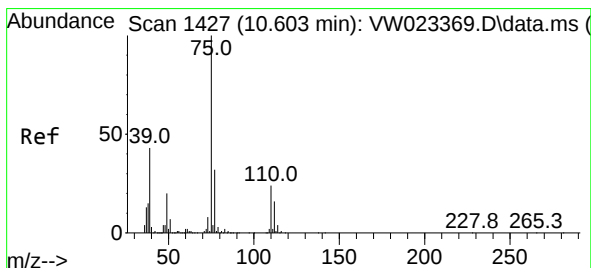
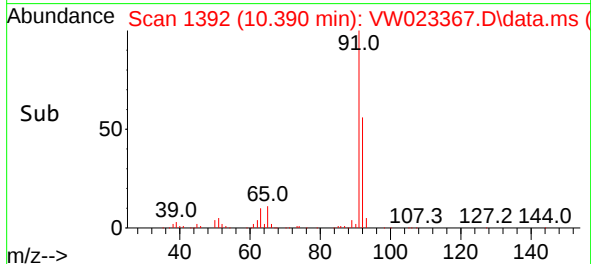
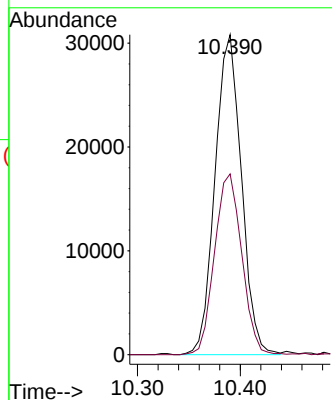
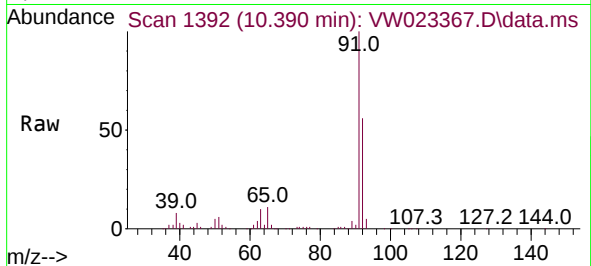




#42
Toluene
Concen: 2.349 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

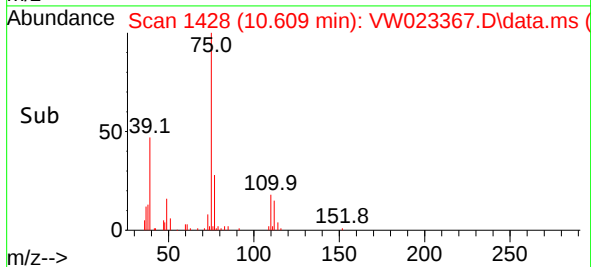
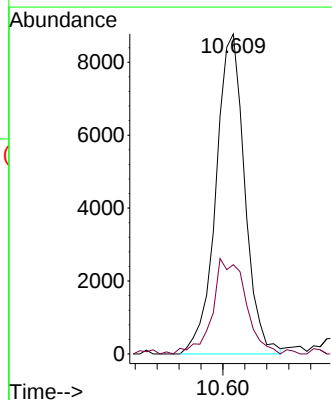
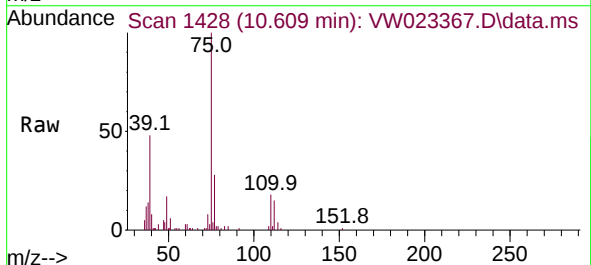
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

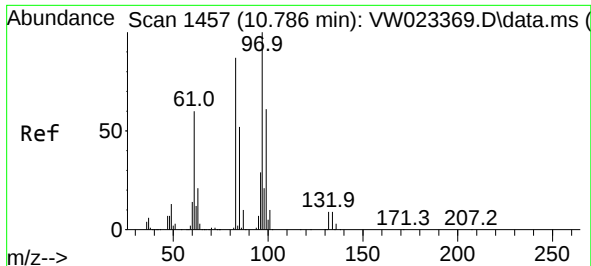
Tgt Ion: 91 Resp: 54907
Ion Ratio Lower Upper
91 100
92 56.5 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 2.299 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 75 Resp: 16014
Ion Ratio Lower Upper
75 100
77 27.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 2.563 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

Tgt Ion: 97 Resp: 10404

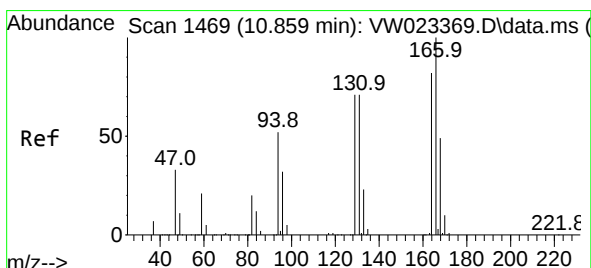
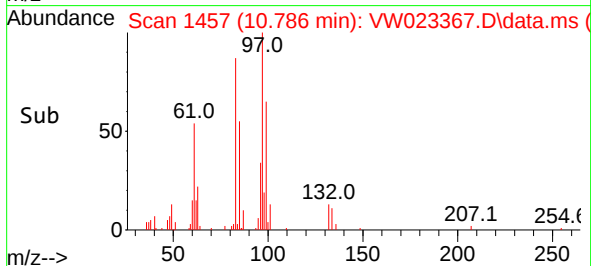
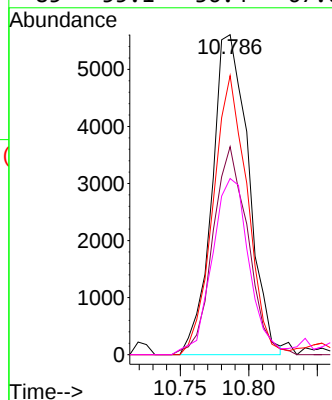
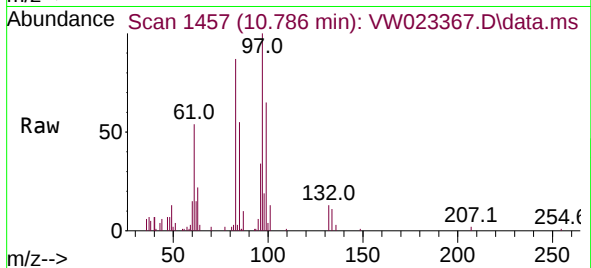
Ion Ratio Lower Upper

97 100

99 65.0 42.6 79.0

83 87.2 61.2 113.8

85 55.1 36.4 67.6



#46

Tetrachloroethene

Concen: 2.372 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Tgt Ion:164 Resp: 10825

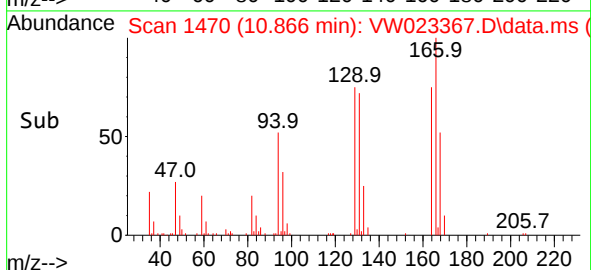
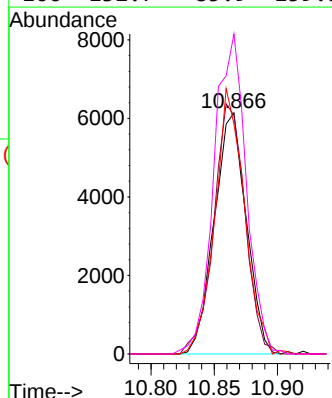
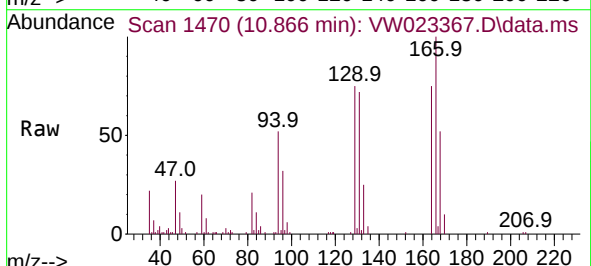
Ion Ratio Lower Upper

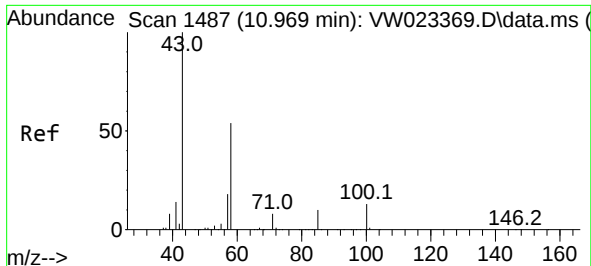
164 100

129 99.0 61.4 114.0

131 95.3 61.0 113.4

166 132.7 85.9 159.5

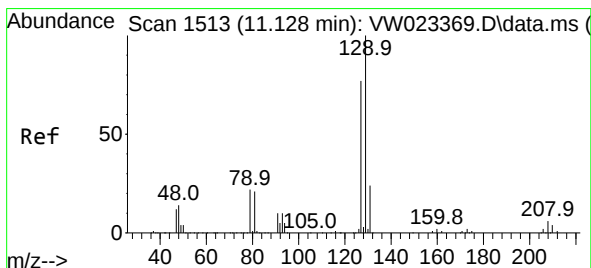
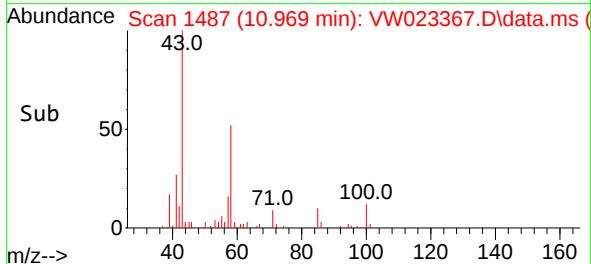
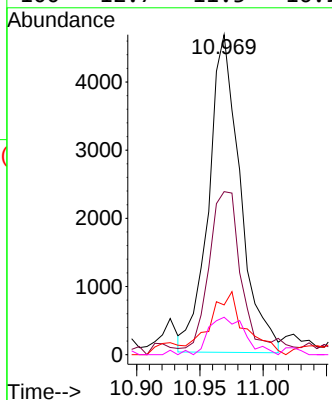
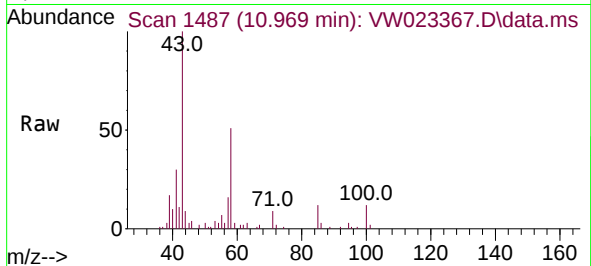




#48
2-Hexanone
Concen: 4.312 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

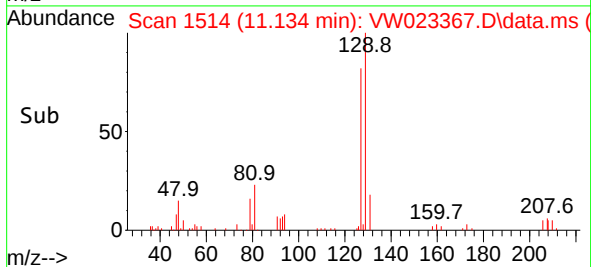
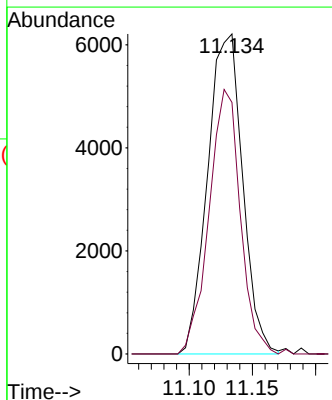
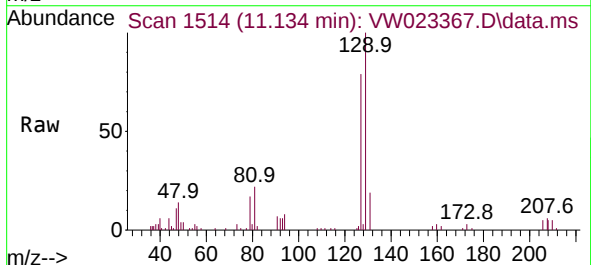
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

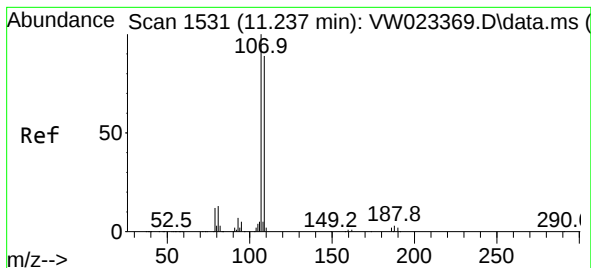
Tgt Ion: 43	Resp:	8096	
Ion	Ratio	Lower	Upper
43	100		
58	51.1	44.4	66.6
57	21.8	15.6	23.4
100	12.7	11.3	16.9



#49
Dibromochloromethane
Concen: 2.400 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion:129	Resp:	11953	
Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.2	100.6





#50

1,2-Dibromoethane

Concen: 2.446 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

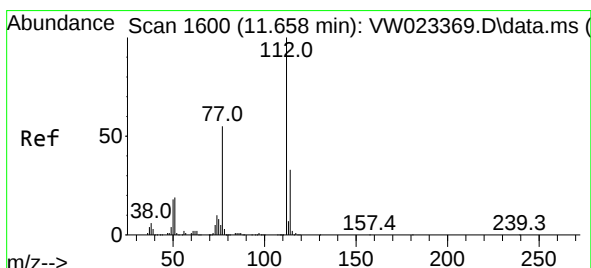
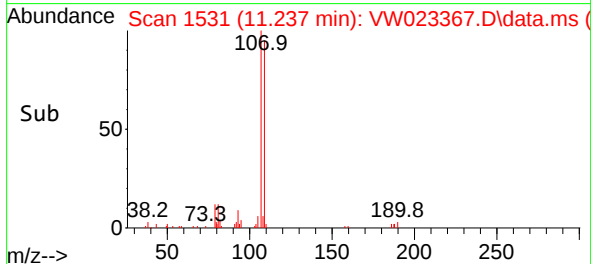
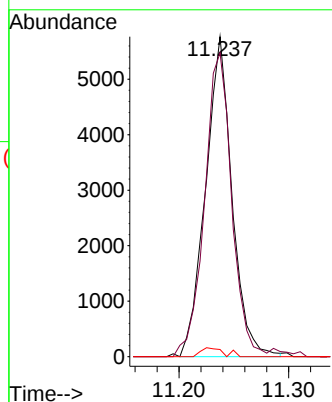
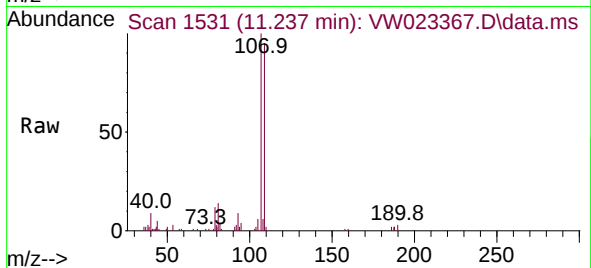
Tgt Ion:107 Resp: 9677

Ion Ratio Lower Upper

107 100

109 95.0 62.4 116.0

188 2.2 2.6 4.0#



#51

Chlorobenzene

Concen: 2.464 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

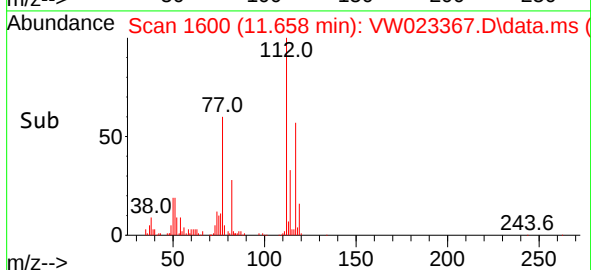
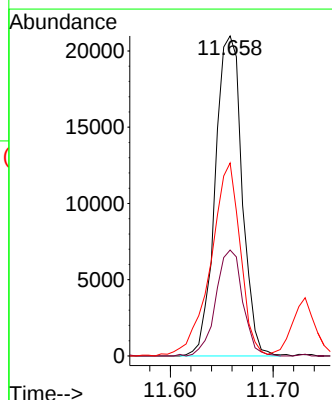
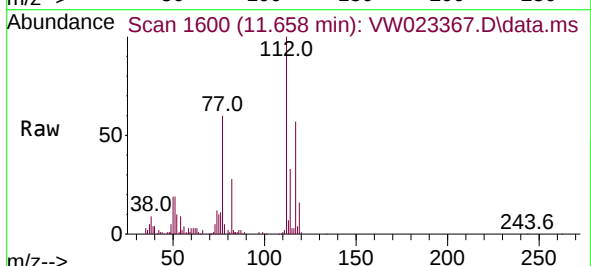
Tgt Ion:112 Resp: 38024

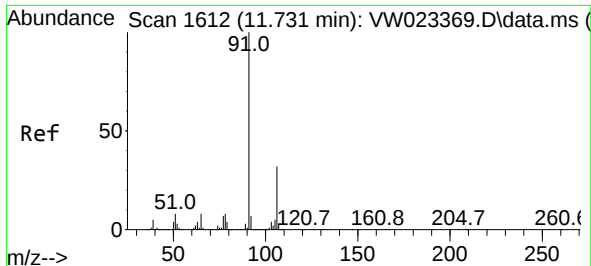
Ion Ratio Lower Upper

112 100

114 33.1 23.2 43.2

77 60.3 43.8 65.6

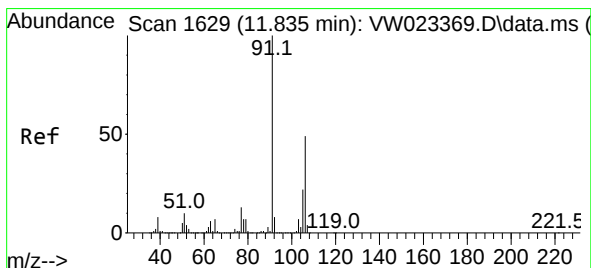
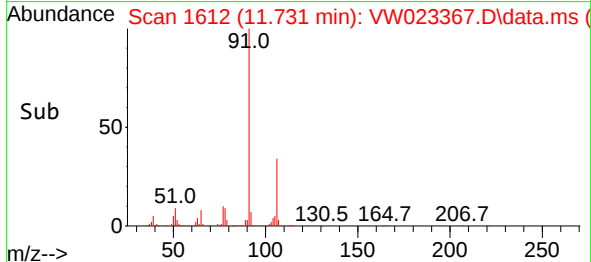
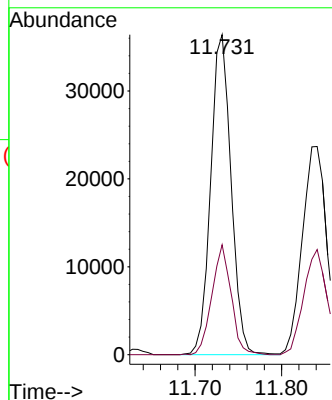
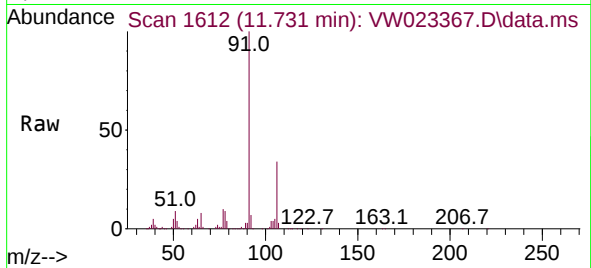




#52
Ethylbenzene
Concen: 2.324 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

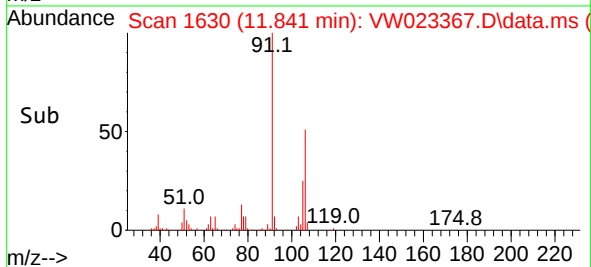
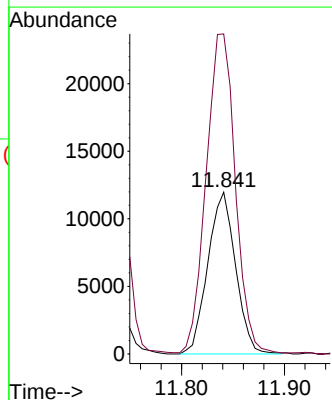
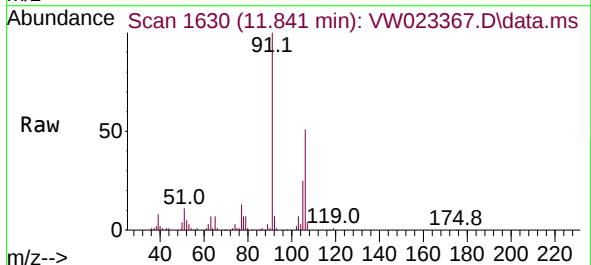
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

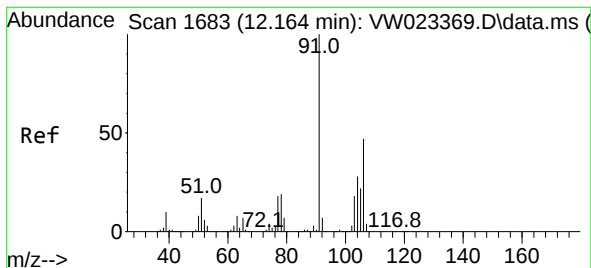
Tgt Ion: 91 Resp: 59657
Ion Ratio Lower Upper
91 100
106 34.4 22.4 41.6



#53
m,p-Xylene
Concen: 2.209 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion: 106 Resp: 22455
Ion Ratio Lower Upper
106 100
91 197.9 141.7 263.1





#54

o-Xylene

Concen: 2.152 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

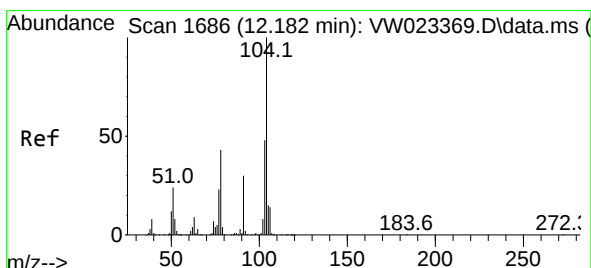
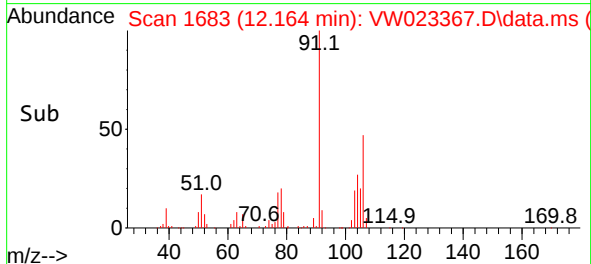
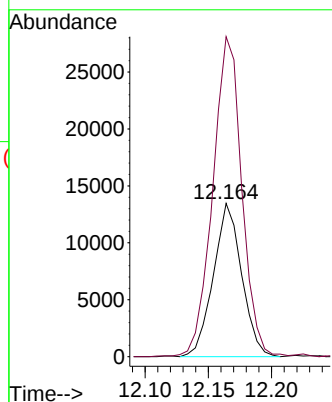
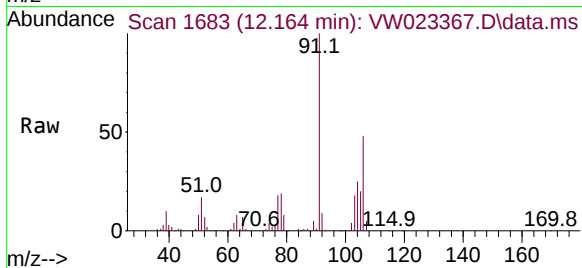
VSTD2.5407

Tgt Ion:106 Resp: 20928

Ion Ratio Lower Upper

106 100

91 208.8 148.0 274.8



#55

Styrene

Concen: 2.117 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW023367.D

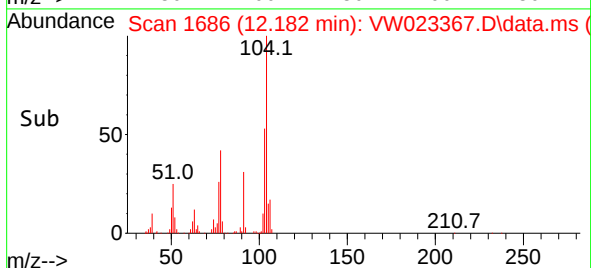
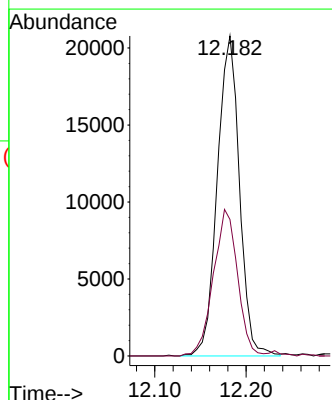
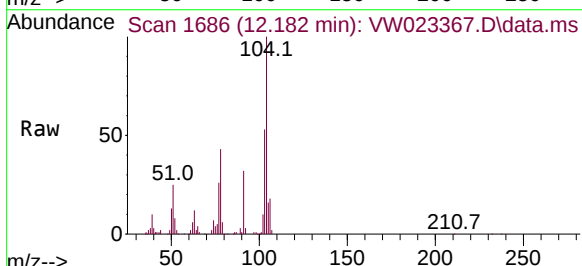
Acq: 02 Jun 2022 10:23

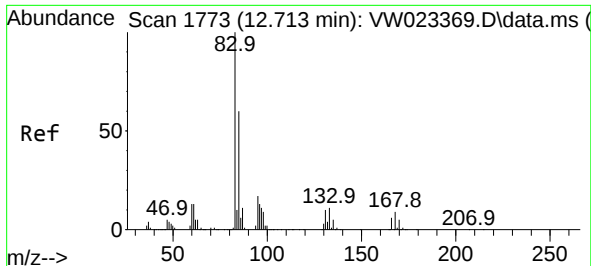
Tgt Ion:104 Resp: 35087

Ion Ratio Lower Upper

104 100

78 42.6 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 2.430 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

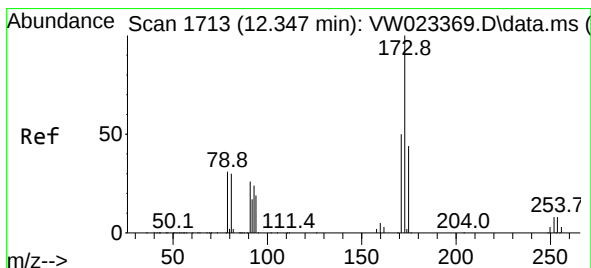
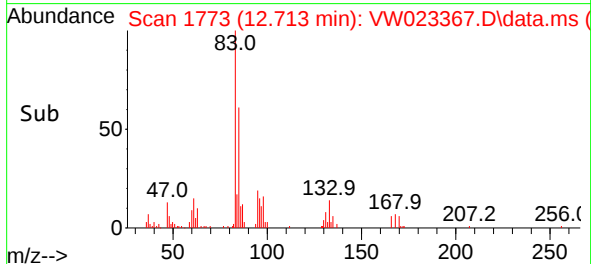
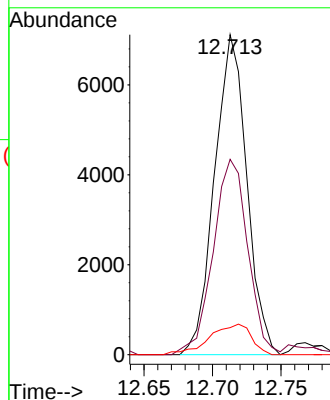
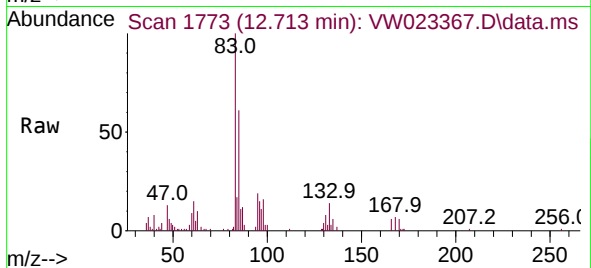
Tgt Ion: 83 Resp: 11650

Ion Ratio Lower Upper

83 100

85 61.1 42.4 78.8

131 8.5 7.8 11.6



#59

Bromoform

Concen: 2.326 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

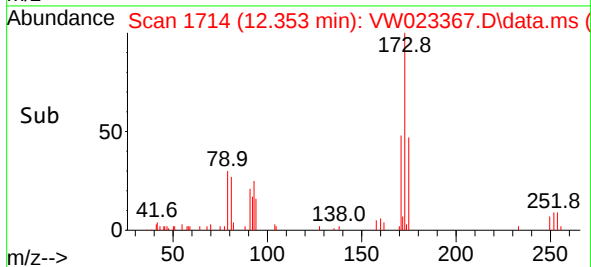
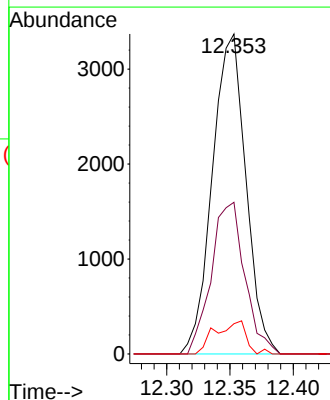
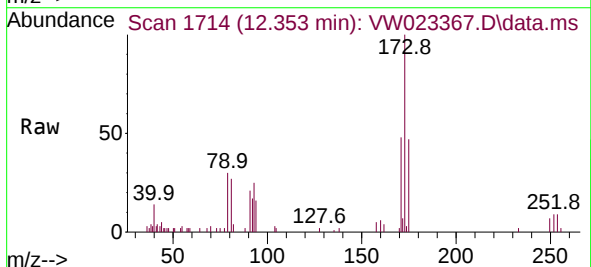
Tgt Ion:173 Resp: 6204

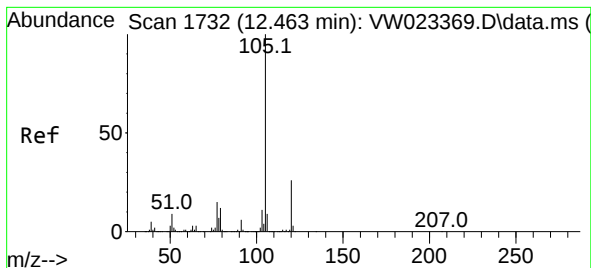
Ion Ratio Lower Upper

173 100

175 47.4 37.9 56.9

254 5.9 7.1 10.7#





#60

Isopropylbenzene

Concen: 2.299 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

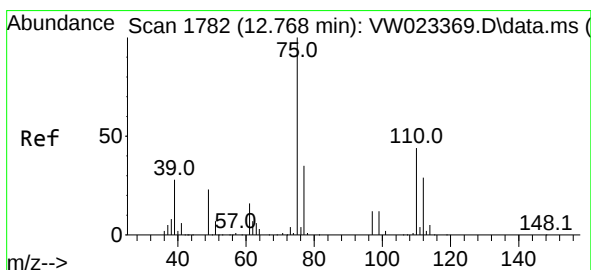
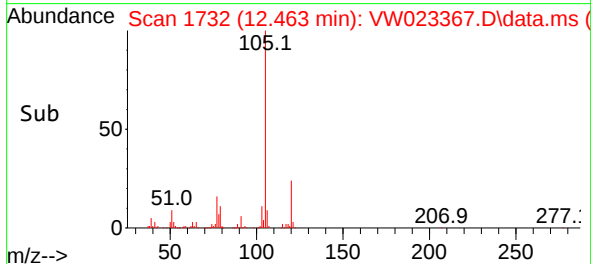
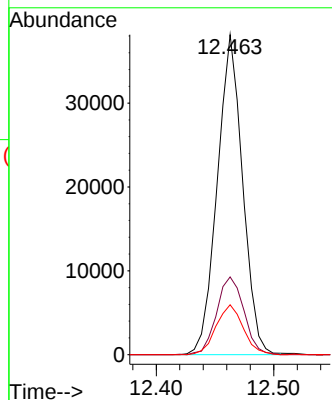
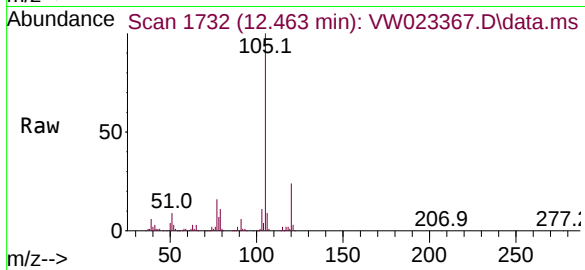
Tgt Ion:105 Resp: 57266

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.0

77 16.6 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 2.649 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

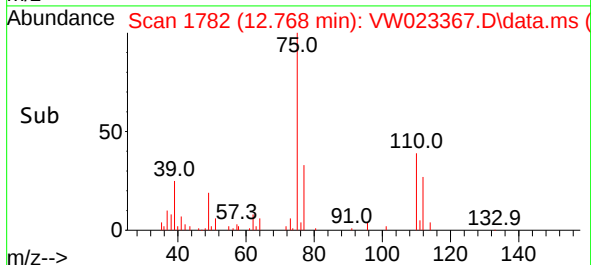
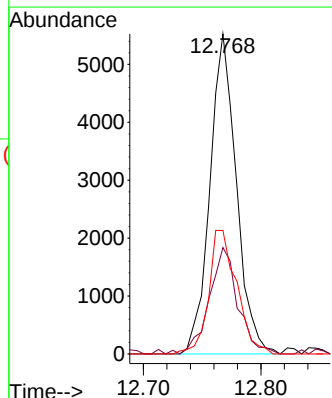
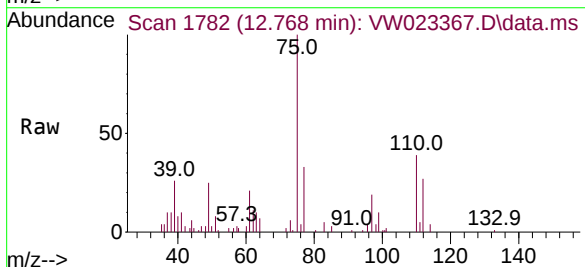
Tgt Ion: 75 Resp: 8651

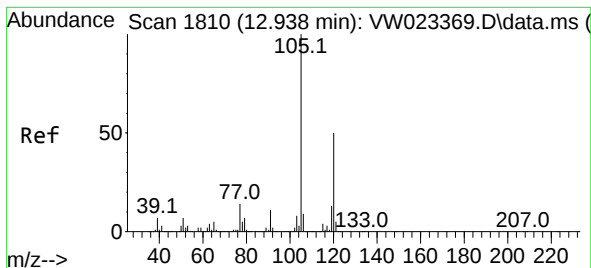
Ion Ratio Lower Upper

75 100

77 35.6 26.2 39.2

110 41.0 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 2.196 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

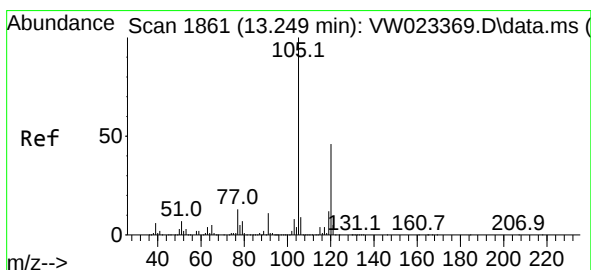
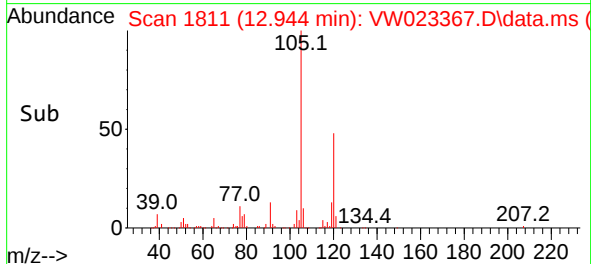
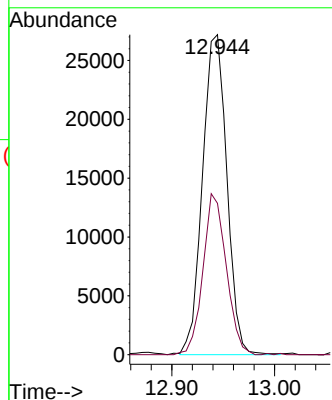
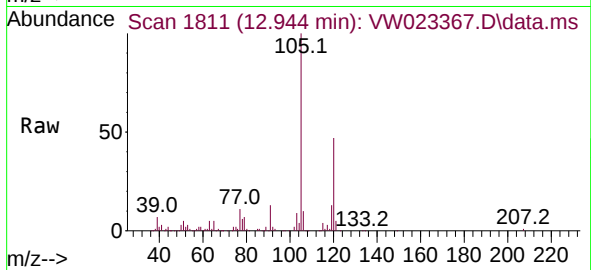
VSTD2.5407

Tgt Ion:105 Resp: 44823

Ion Ratio Lower Upper

105 100

120 48.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 2.170 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023367.D

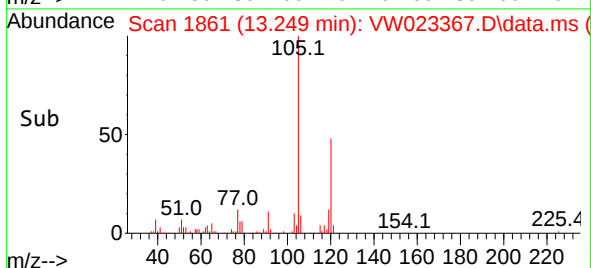
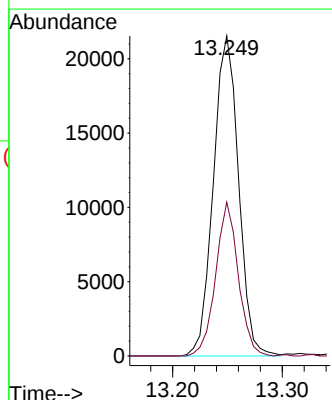
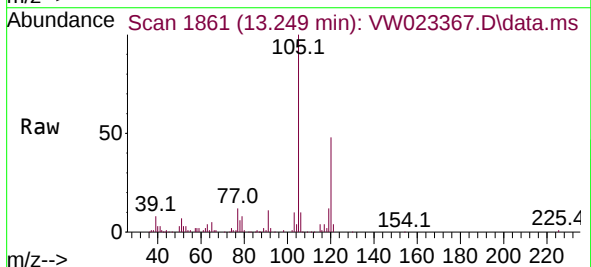
Acq: 02 Jun 2022 10:23

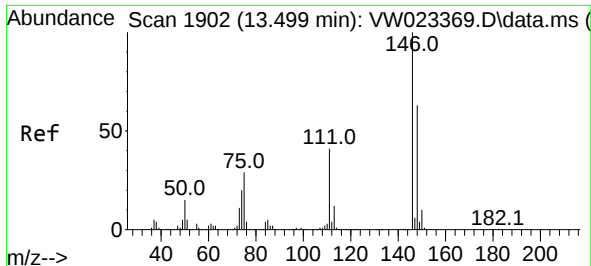
Tgt Ion:105 Resp: 34397

Ion Ratio Lower Upper

105 100

120 43.2 37.2 55.8

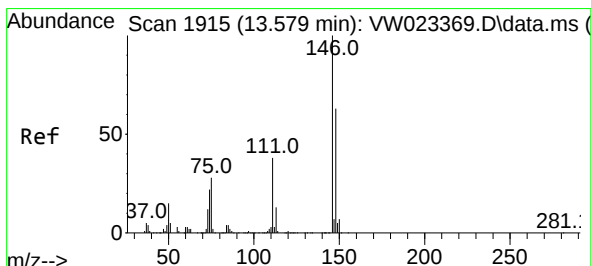
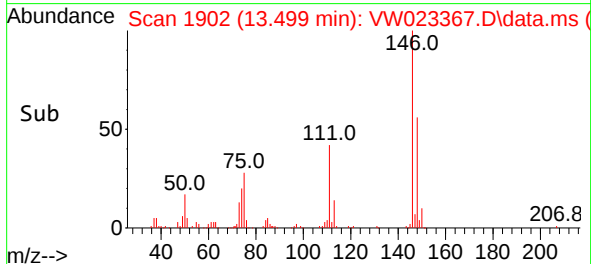
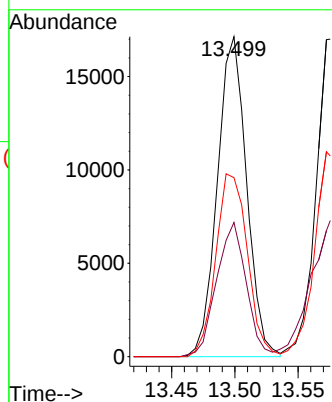
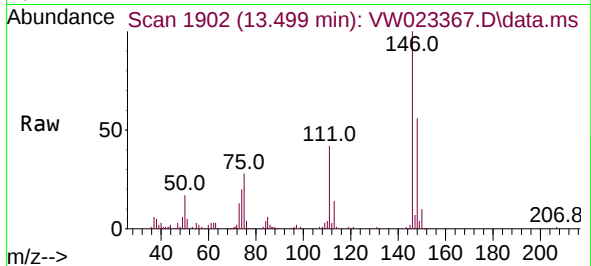




#64
1,3-Dichlorobenzene
Concen: 2.429 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

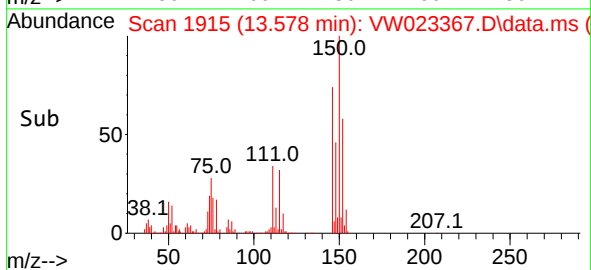
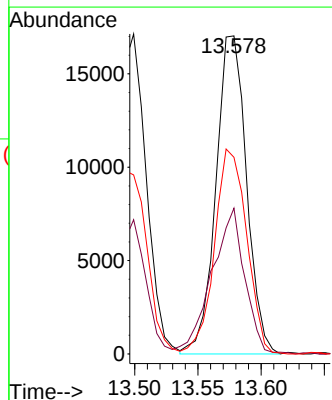
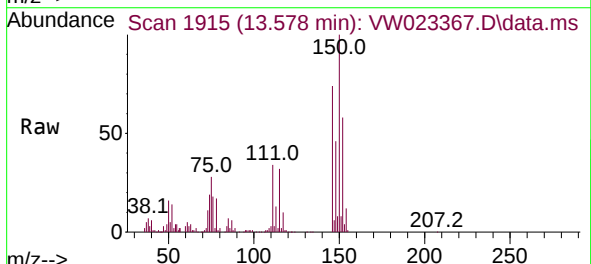
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

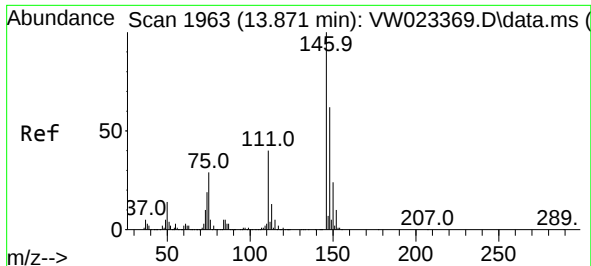
Tgt Ion:146 Resp: 27517
Ion Ratio Lower Upper
146 100
111 41.9 28.7 53.3
148 56.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.478 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion:146 Resp: 28686
Ion Ratio Lower Upper
146 100
111 45.8 26.9 49.9
148 61.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 2.429 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

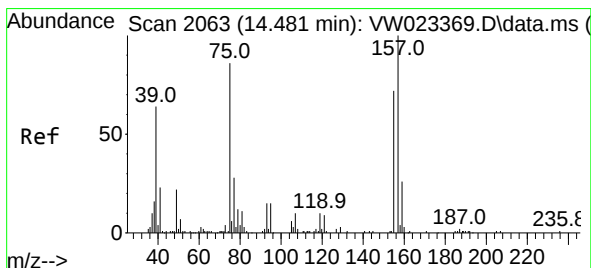
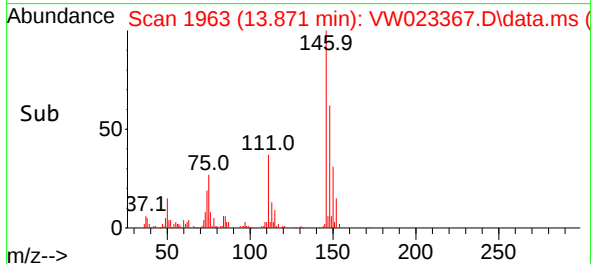
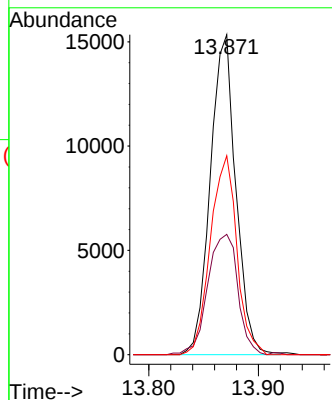
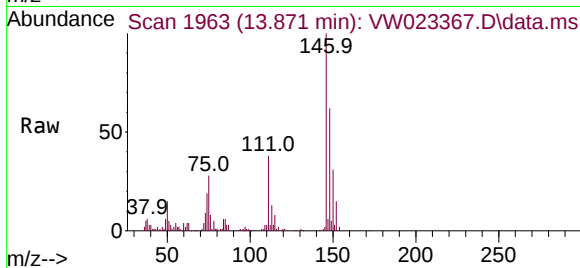
Tgt Ion:146 Resp: 24866

Ion Ratio Lower Upper

146 100

111 37.6 31.7 47.5

148 62.2 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.802 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

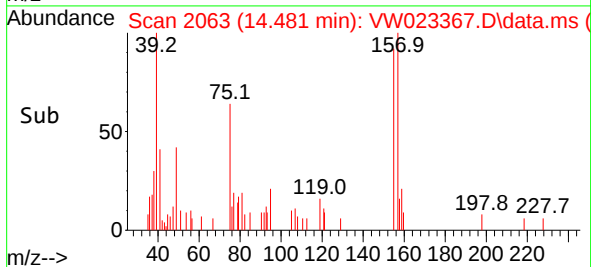
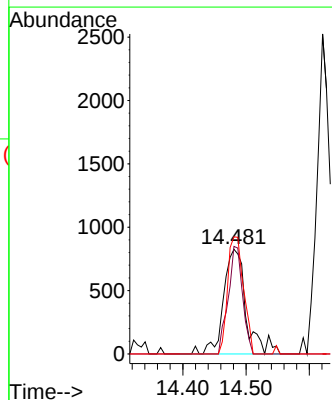
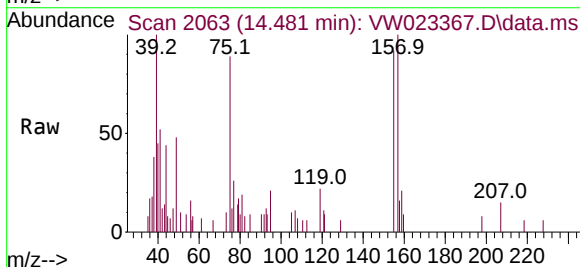
Tgt Ion: 75 Resp: 2038

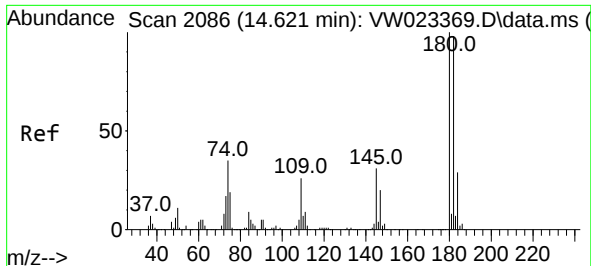
Ion Ratio Lower Upper

75 100

155 102.7 66.7 100.1#

157 129.7 92.6 139.0





#69

1,3,5-Trichlorobenzene

Concen: 2.331 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5407

Tgt Ion:180 Resp: 17434

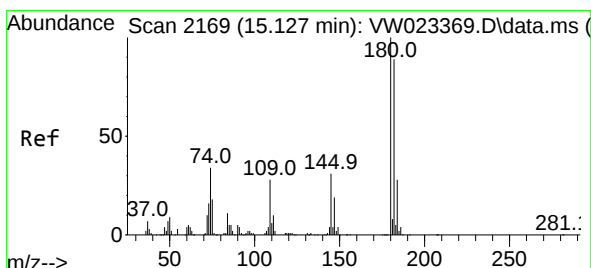
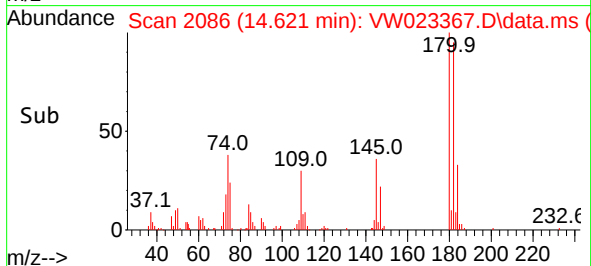
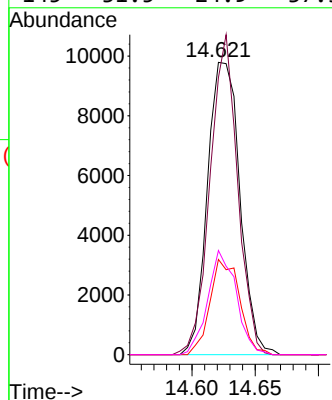
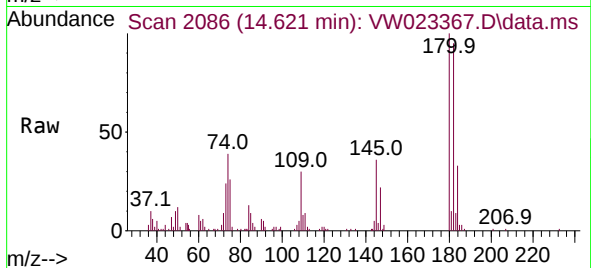
Ion Ratio Lower Upper

180 100

182 92.9 76.6 115.0

184 29.9 23.4 35.2

145 31.5 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 2.100 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW023367.D

Acq: 02 Jun 2022 10:23

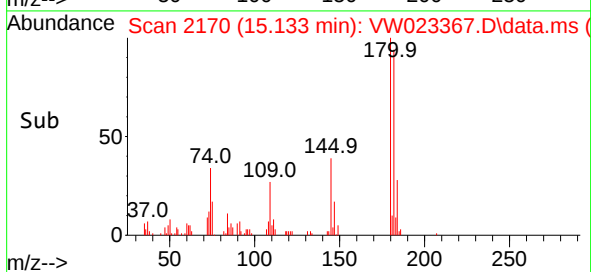
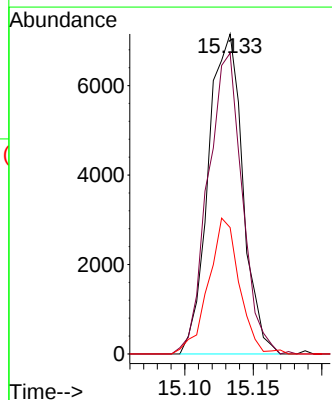
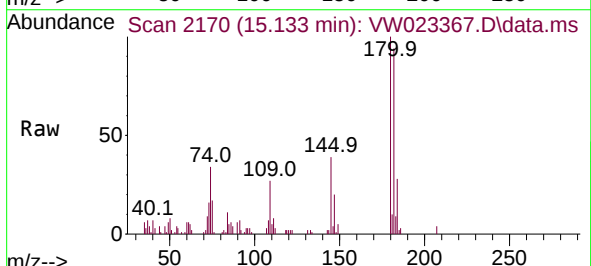
Tgt Ion:180 Resp: 12483

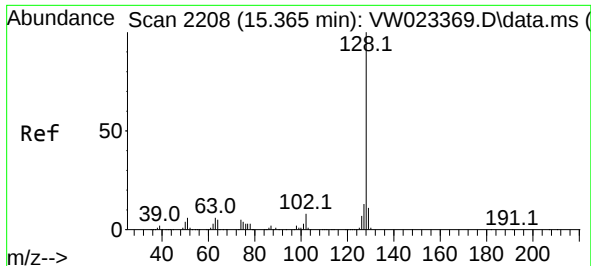
Ion Ratio Lower Upper

180 100

182 93.5 75.0 112.6

145 37.8 25.7 38.5

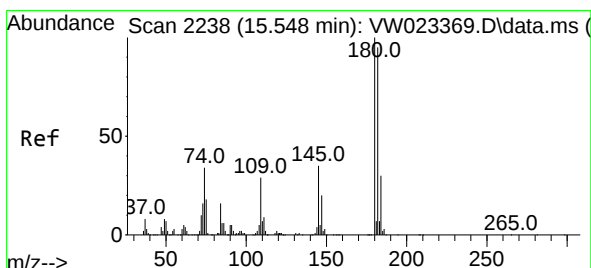
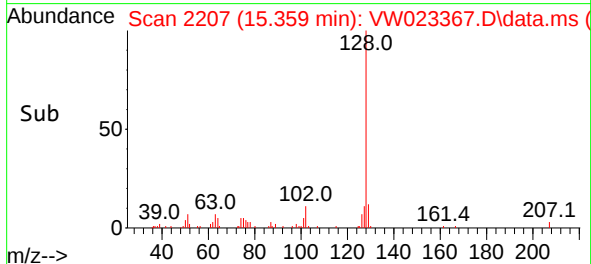
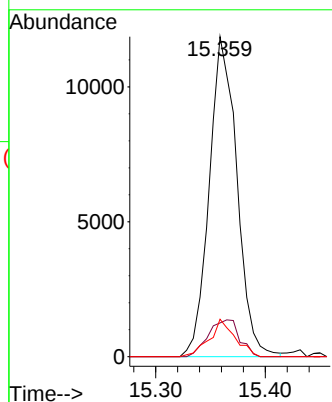
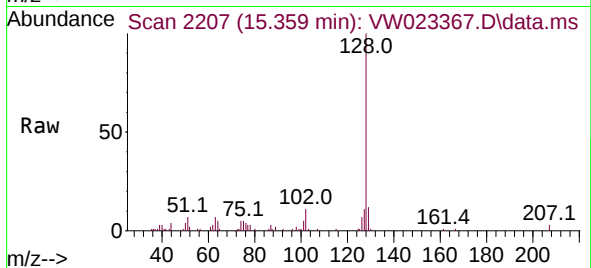




#71
Naphthalene
Concen: 1.861 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5407

Tgt Ion:128 Resp: 20824
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.240 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023367.D
Acq: 02 Jun 2022 10:23

Tgt Ion:180 Resp: 11521
Ion Ratio Lower Upper
180 100
182 92.0 74.6 112.0
145 30.8 28.0 42.0

