

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024147.D
 Acq On : 03 Aug 2022 10:01
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025403

Quant Time: Aug 04 00:45:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 04 00:42:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	353047	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	343072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	133614	22.347	ug/L	0.00
7) Chloroethane-d5	2.873	69	93660	24.542	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	170704	22.767	ug/L	0.00
21) 2-Butanone-d5	7.080	46	65190	51.498	ug/L	0.00
24) Chloroform-d	7.647	84	236932	23.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	129108	23.887	ug/L	0.00
32) Benzene-d6	8.268	84	429812	23.657	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	129029	24.050	ug/L	0.00
41) Toluene-d8	10.323	98	408526	24.024	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	61601	24.610	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	58584	57.282	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	144403	26.685	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	175624	25.581	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	68774	23.945	ug/L	100
3) Chloromethane	2.209	50	142360	25.272	ug/L	100
5) Vinyl chloride	2.349	62	217280	25.322	ug/L	100
6) Bromomethane	2.763	94	125699	24.873	ug/L	100
8) Chloroethane	2.910	64	96565	26.243	ug/L	100
9) Trichlorofluoromethane	3.245	101	117287	23.991	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	137046	24.838	ug/L	100
12) 1,1-Dichloroethene	4.025	96	117210	25.160	ug/L	100
13) Acetone	4.123	43	48129	48.627	ug/L	100
14) Carbon disulfide	4.379	76	375711	24.900	ug/L	100
15) Methyl Acetate	4.665	43	57090	26.502	ug/L	100
16) Methylene chloride	4.909	84	142149	20.523	ug/L	100
17) trans-1,2-Dichloroethene	5.415	96	131727	25.130	ug/L	100
18) Methyl tert-butyl Ether	5.421	73	194182	27.183	ug/L	100
19) 1,1-Dichloroethane	6.208	63	222226	25.068	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	143016	25.818	ug/L	100
22) 2-Butanone	7.171	43	83135	52.510	ug/L	100
23) Bromochloromethane	7.506	128	70610	25.322	ug/L	100
25) Chloroform	7.671	83	252748	25.600	ug/L	100
27) 1,2-Dichloroethane	8.397	62	168988	25.955	ug/L	100
29) Cyclohexane	7.951	56	199158	27.402	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	210805	25.125	ug/L	100
31) Carbon tetrachloride	8.061	117	201064	25.571	ug/L	100
33) Benzene	8.323	78	529923	24.870	ug/L	100
34) Trichloroethene	9.092	95	141468	24.804	ug/L	100
35) Methylcyclohexane	9.335	83	238312	26.449	ug/L	100
37) 1,2-Dichloropropane	9.366	63	130768	25.792	ug/L	100
38) Bromodichloromethane	9.640	83	185837	25.649	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	205575	26.807	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	178686	56.267	ug/L	100
42) Toluene	10.384	91	600593	26.396	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	187823	26.769	ug/L	100

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 Response via : Initial Calibration

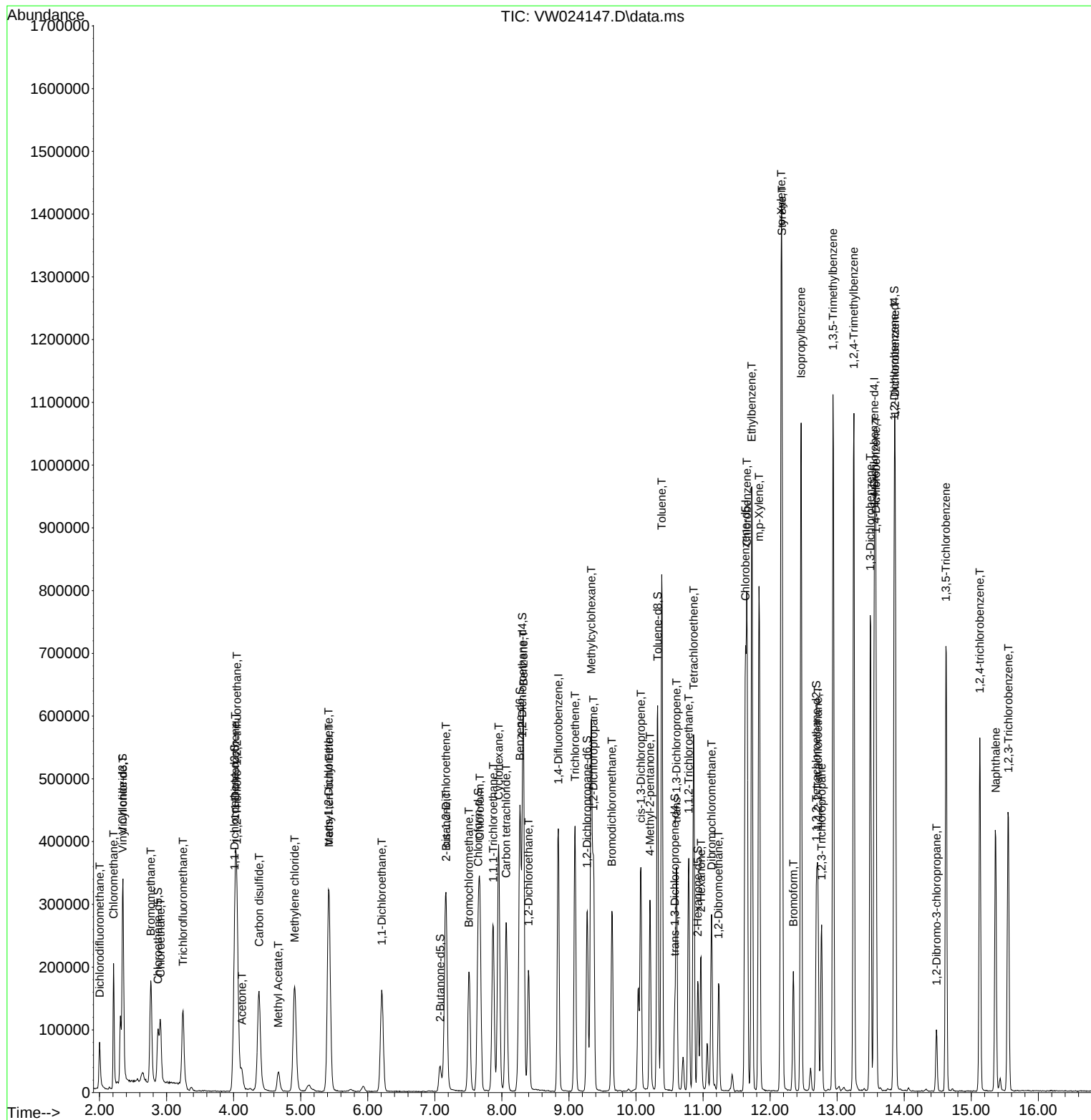
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	112443	25.946	ug/L	100
46) Tetrachloroethene	10.860	164	119977	24.965	ug/L	100
48) 2-Hexanone	10.969	43	127683	58.324	ug/L	100
49) Dibromochloromethane	11.128	129	137451	26.018	ug/L	100
50) 1,2-Dibromoethane	11.231	107	108873	25.608	ug/L	100
51) Chlorobenzene	11.652	112	398102	25.301	ug/L	100
52) Ethylbenzene	11.725	91	668475	26.811	ug/L	100
53) m,p-Xylene	11.835	106	261928	27.361	ug/L	100
54) o-Xylene	12.164	106	247363	27.023	ug/L	100
55) Styrene	12.176	104	438427	27.591	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	144257	27.354	ug/L	100
59) Bromoform	12.347	173	81652	26.892	ug/L	100
60) Isopropylbenzene	12.463	105	674436	27.438	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	102924	26.514	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	575378	28.587	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	559223	28.167	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	314724	25.367	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	327176	25.419	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	298557	26.383	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	23437	27.209	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	211909	25.709	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	170668	26.864	ug/L	100
71) Naphthalene	15.365	128	354662	28.967	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	153720	26.320	ug/L	100

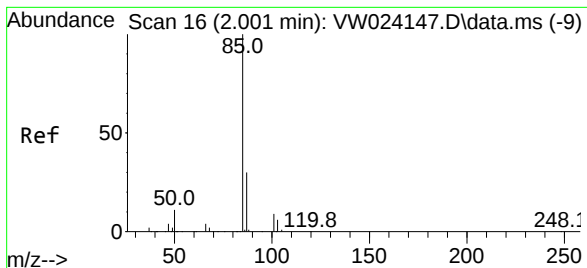
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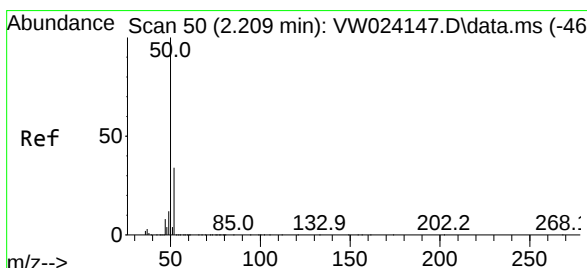
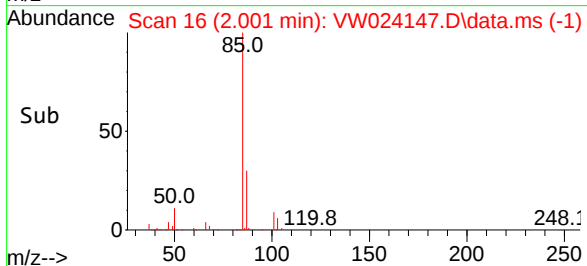
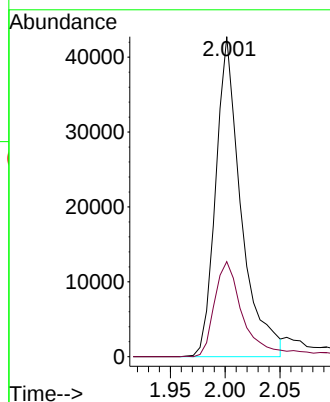
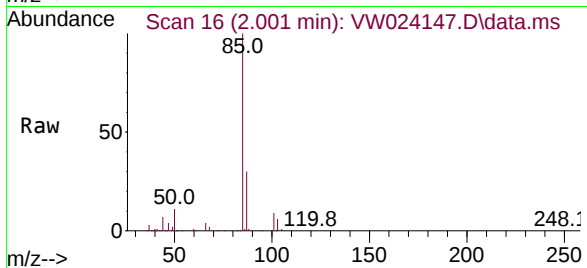




#2
Dichlorodifluoromethane
Concen: 23.945 ug/L
RT: 2.001 min Scan# 16
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

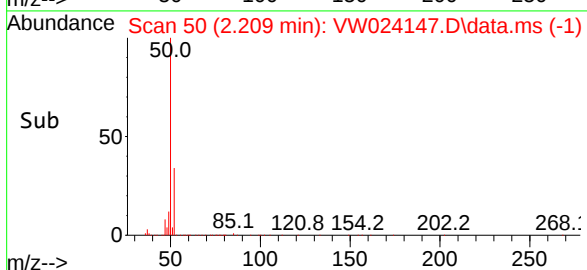
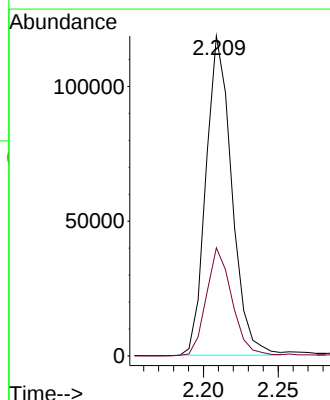
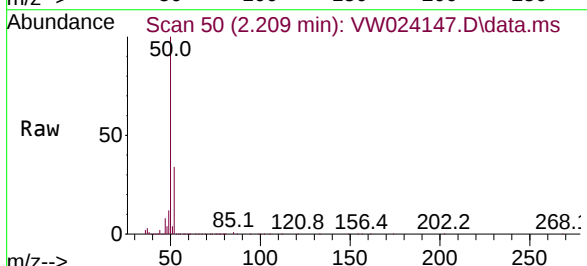
Instrument :
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ClientSampleId :
VSTD025403

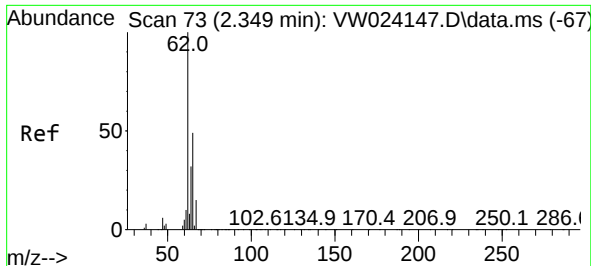
Tgt Ion: 85 Resp: 68774
Ion Ratio Lower Upper
85 100
87 34.1 27.3 40.9



#3
Chloromethane
Concen: 25.272 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 50 Resp: 142360
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9

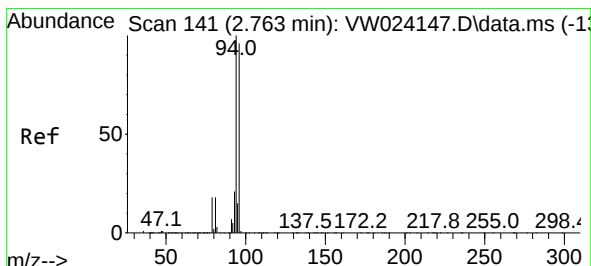
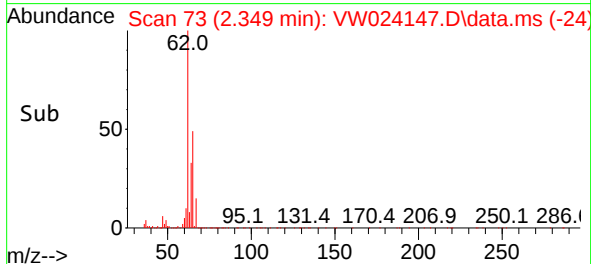
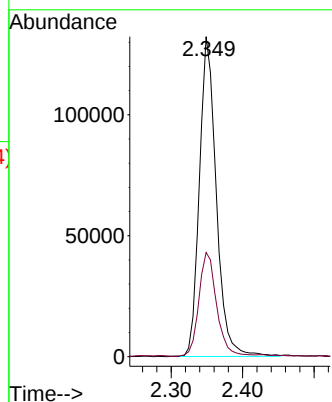
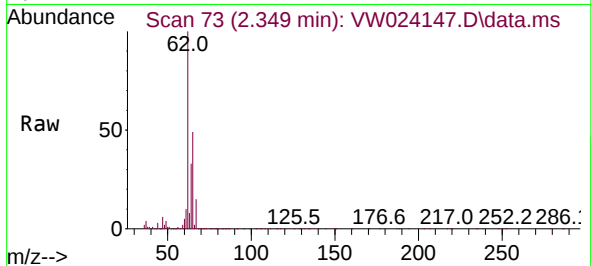




#5
 Vinyl chloride
 Concen: 25.322 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024147.D
 Acq: 03 Aug 2022 10:01

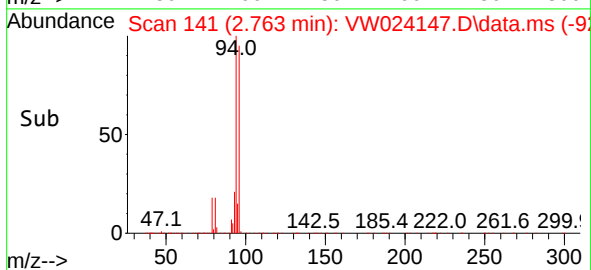
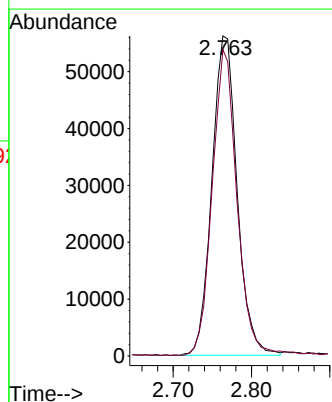
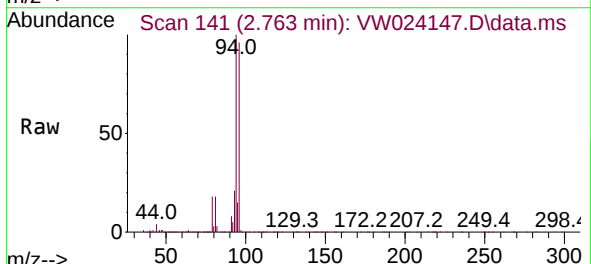
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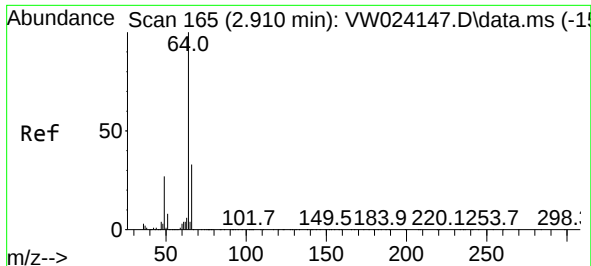
Tgt Ion: 62 Resp: 217280
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 24.873 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024147.D
 Acq: 03 Aug 2022 10:01

Tgt Ion: 94 Resp: 125699
 Ion Ratio Lower Upper
 94 100
 96 95.7 67.0 124.4

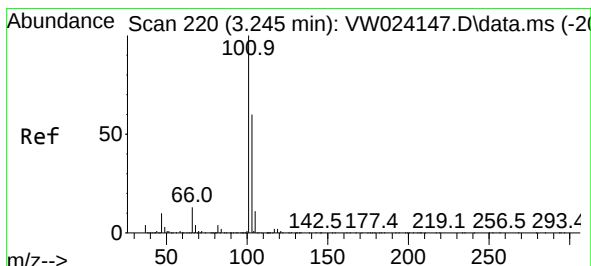
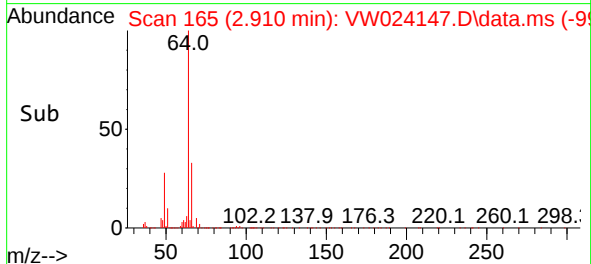
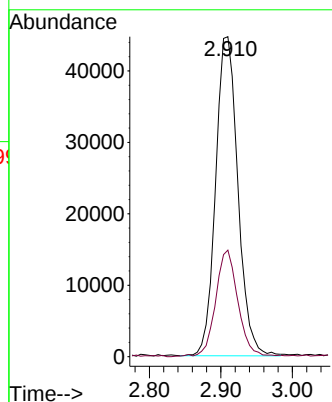
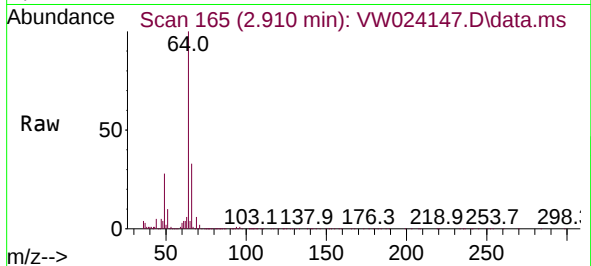




#8
Chloroethane
Concen: 26.243 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

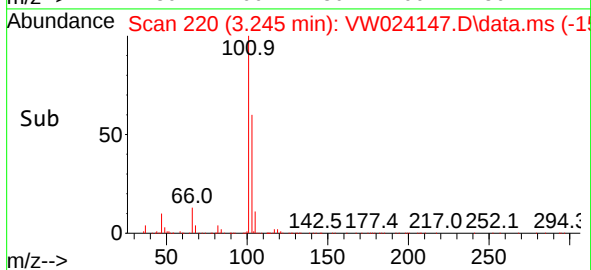
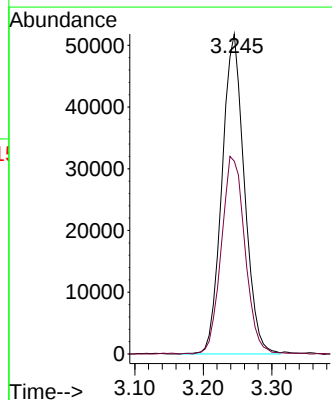
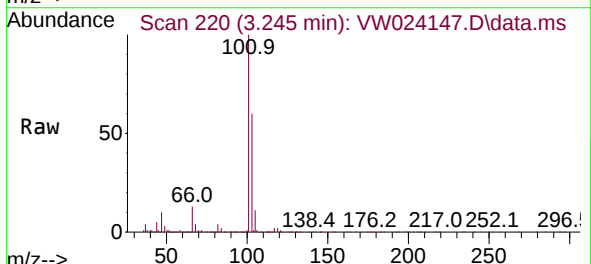
Instrument :
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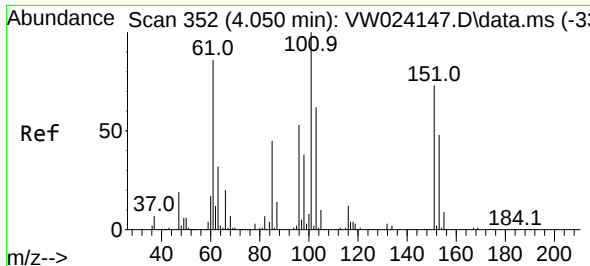
Tgt Ion: 64 Resp: 96565
Ion Ratio Lower Upper
64 100
66 33.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 23.991 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 101 Resp: 117287
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

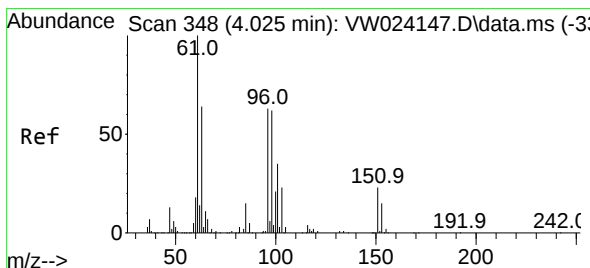
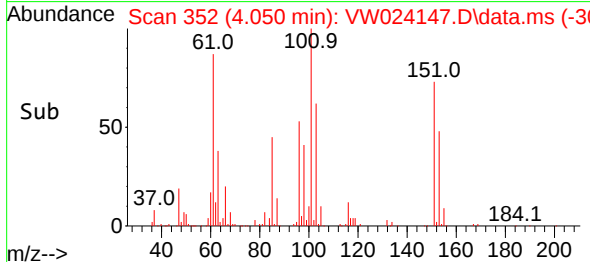
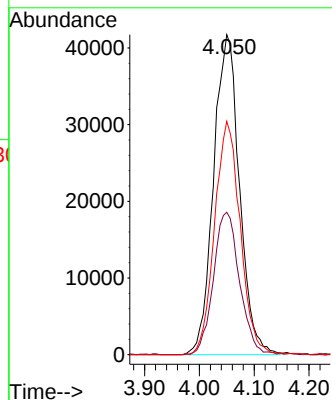
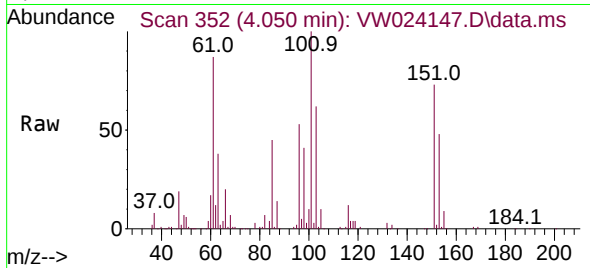




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.838 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024147.D
 Acq: 03 Aug 2022 10:01

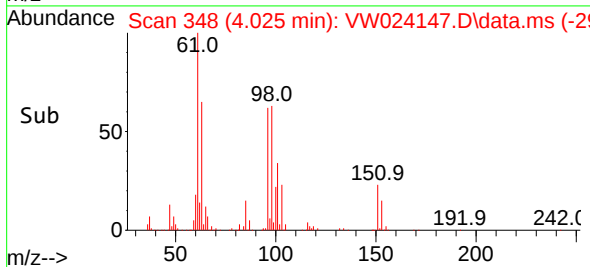
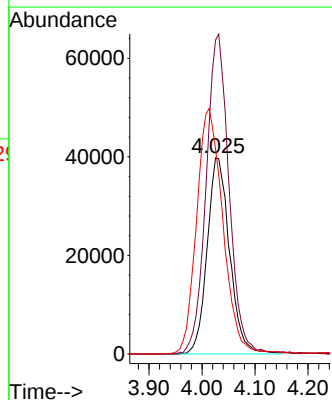
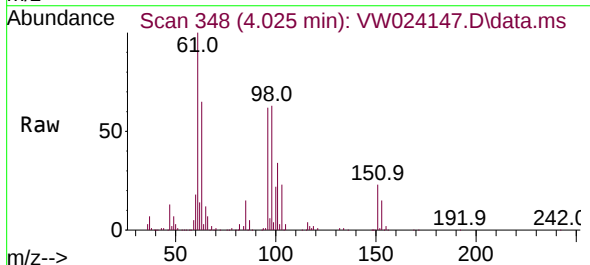
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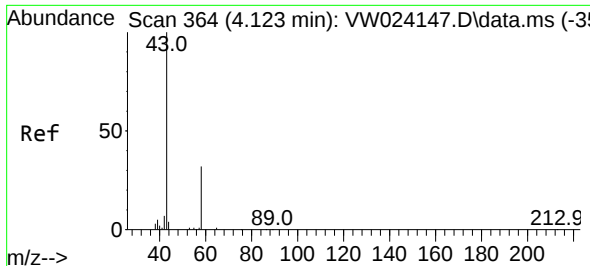
Tgt Ion: 101 Resp: 137046
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 72.0 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 25.160 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. 0.000 min
 Lab File: VW024147.D
 Acq: 03 Aug 2022 10:01

Tgt Ion: 96 Resp: 117210
 Ion Ratio Lower Upper
 96 100
 61 160.0 112.0 208.0
 63 104.4 73.1 135.7

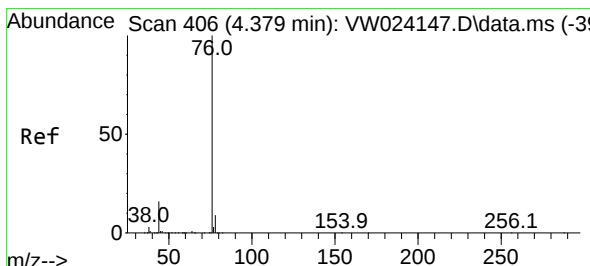
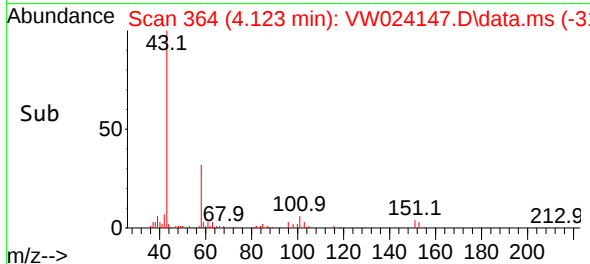
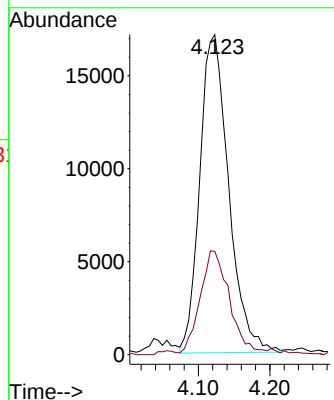
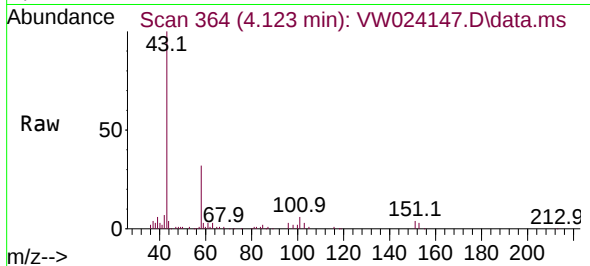




#13
Acetone
Concen: 48.627 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

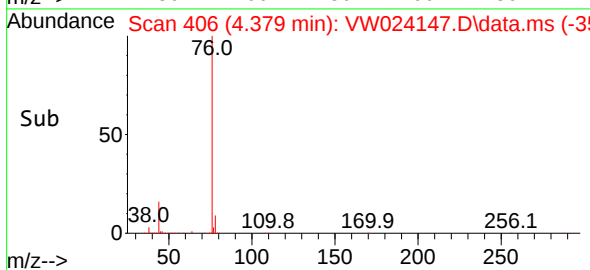
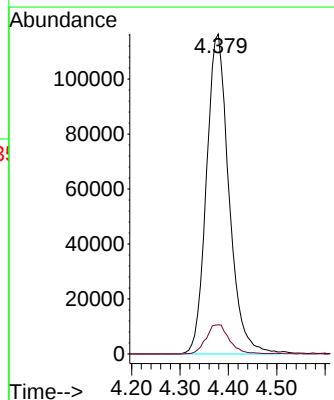
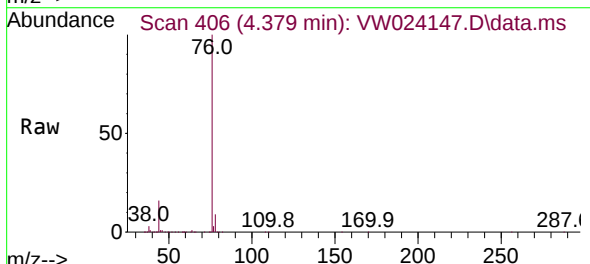
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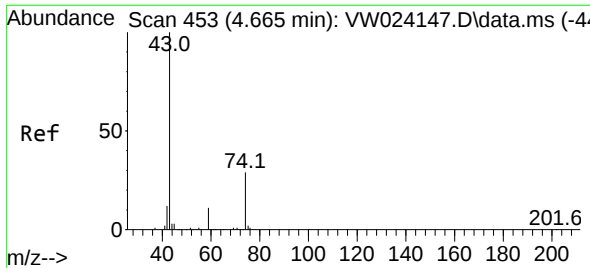
Tgt Ion: 43 Resp: 48129
Ion Ratio Lower Upper
43 100
58 33.0 0.0 66.0



#14
Carbon disulfide
Concen: 24.900 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 76 Resp: 375711
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

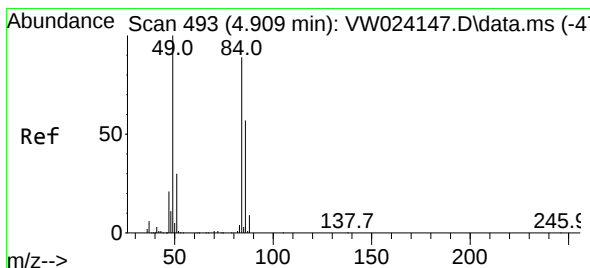
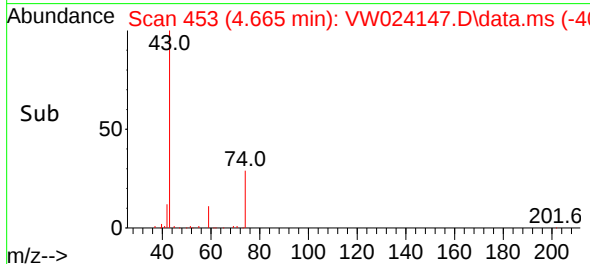
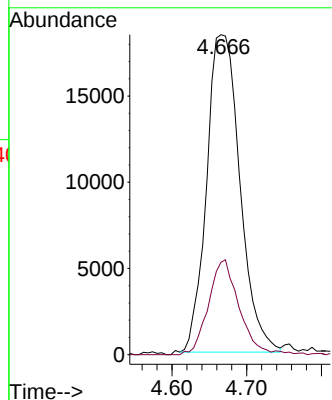
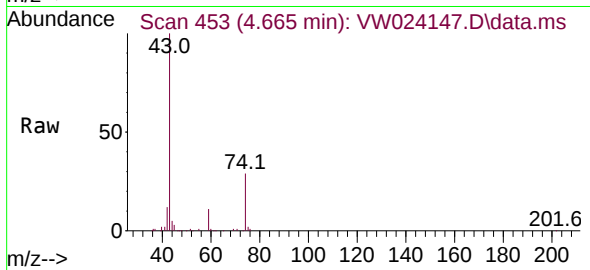




#15
Methyl Acetate
Concen: 26.502 ug/L
RT: 4.665 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

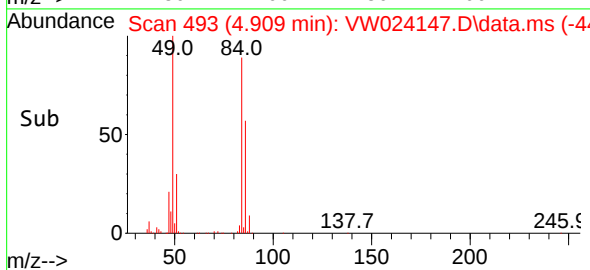
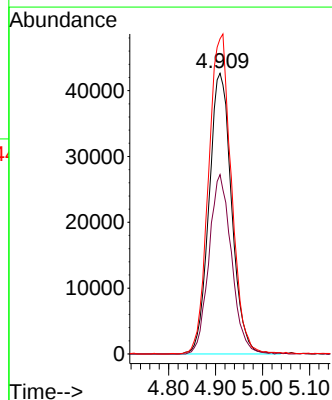
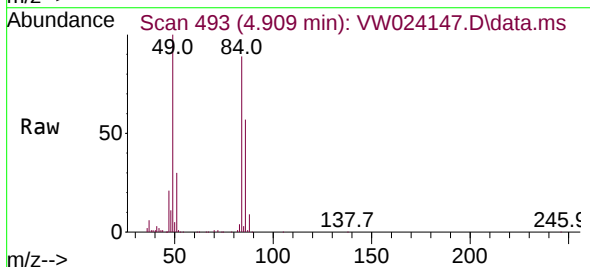
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

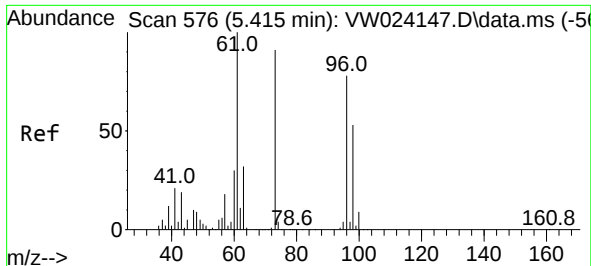
Tgt Ion: 43 Resp: 57090
Ion Ratio Lower Upper
43 100
74 27.0 21.6 32.4



#16
Methylene chloride
Concen: 20.523 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 84 Resp: 142149
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 112.3 78.6 146.0

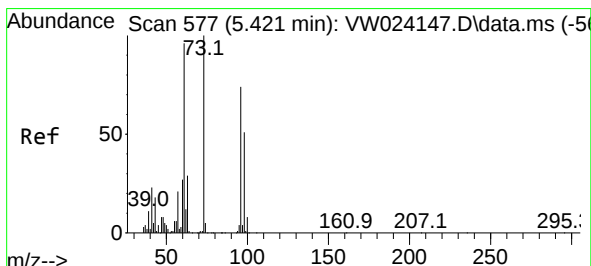
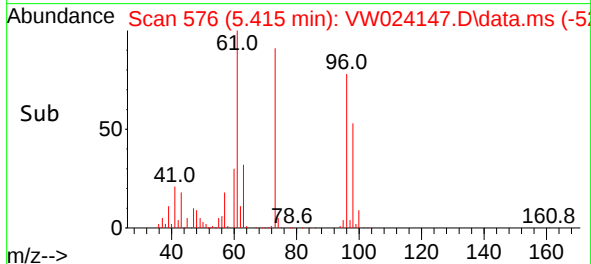
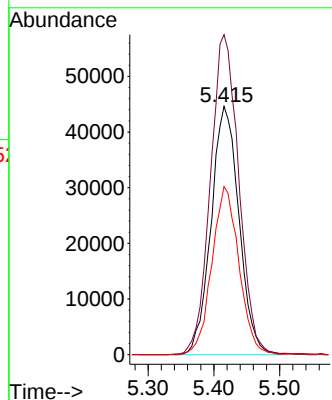
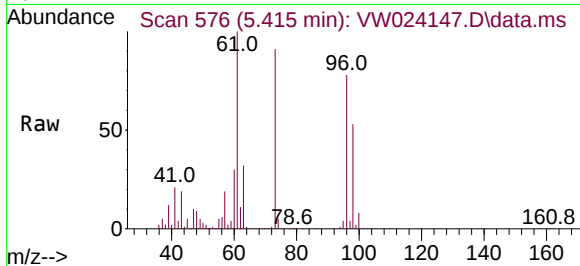




#17
trans-1,2-Dichloroethene
Concen: 25.130 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

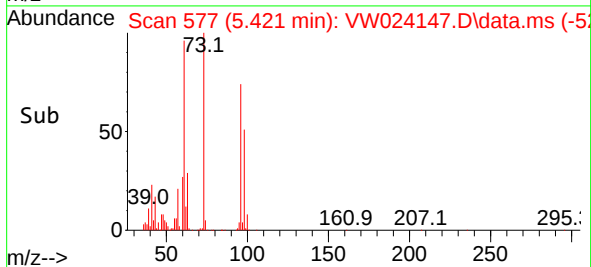
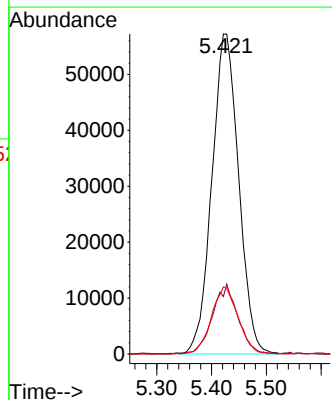
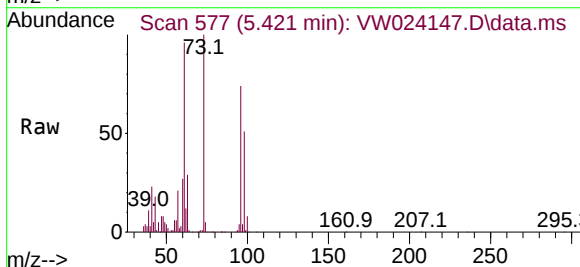
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

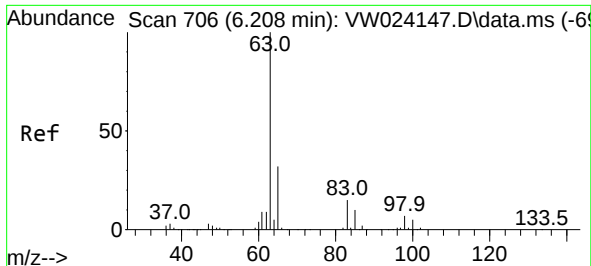
Tgt Ion: 96 Resp: 131727
Ion Ratio Lower Upper
96 100
61 128.9 90.2 167.6
98 67.7 47.4 88.0



#18
Methyl tert-butyl Ether
Concen: 27.183 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 73 Resp: 194182
Ion Ratio Lower Upper
73 100
43 20.8 16.6 25.0
57 20.8 16.6 25.0





#19

1,1-Dichloroethane

Concen: 25.068 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025403

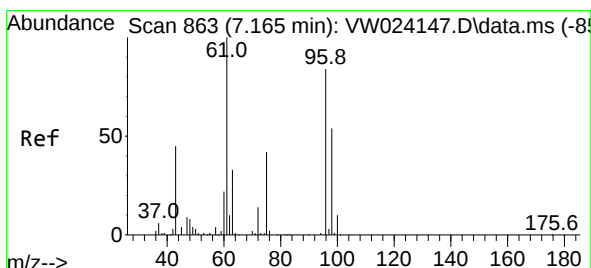
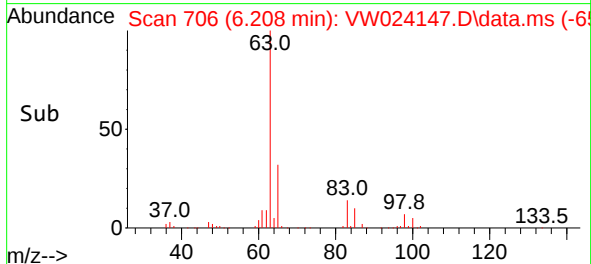
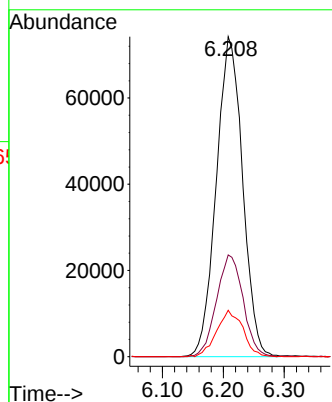
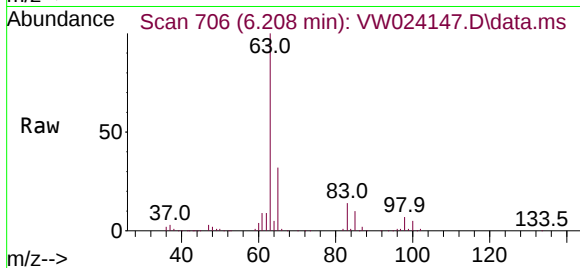
Tgt Ion: 63 Resp: 222226

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 14.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 25.818 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

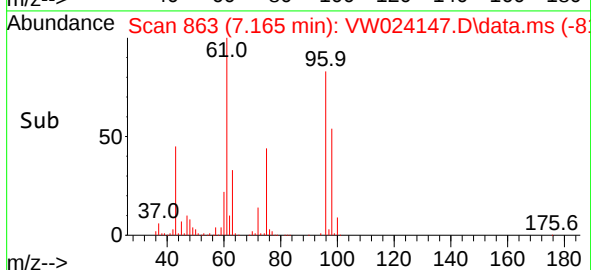
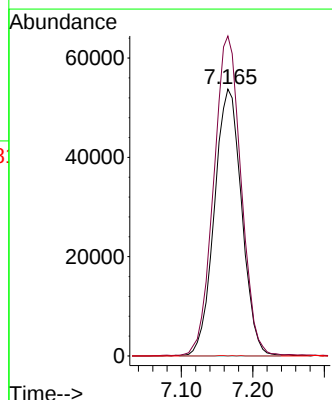
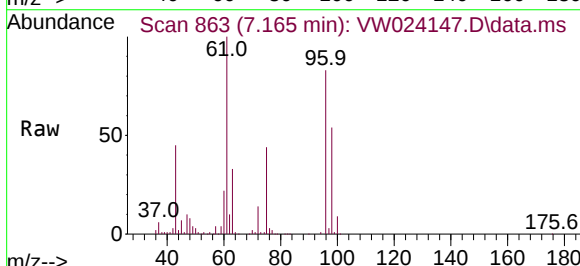
Tgt Ion: 96 Resp: 143016

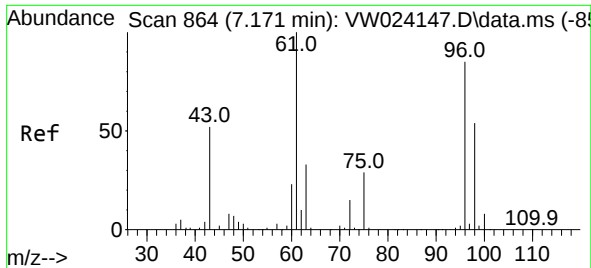
Ion Ratio Lower Upper

96 100

61 119.9 83.9 155.9

68 0.0 0.0 0.0

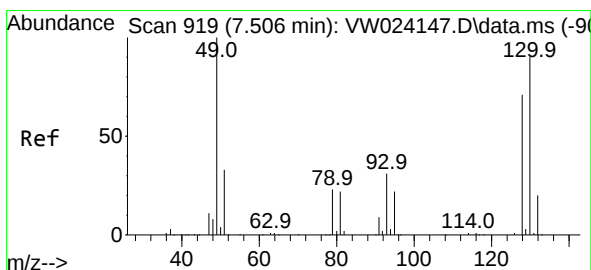
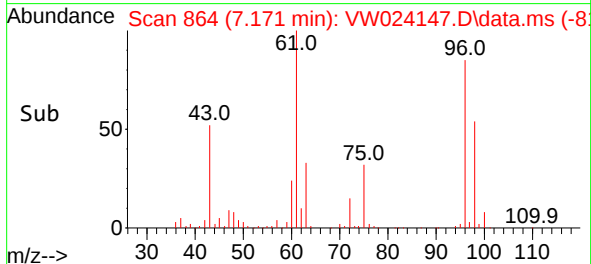
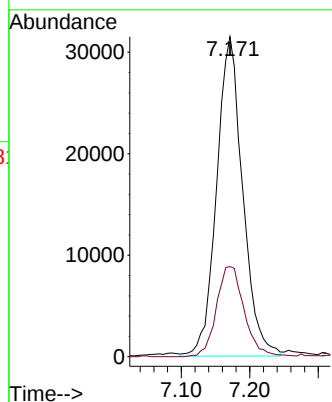
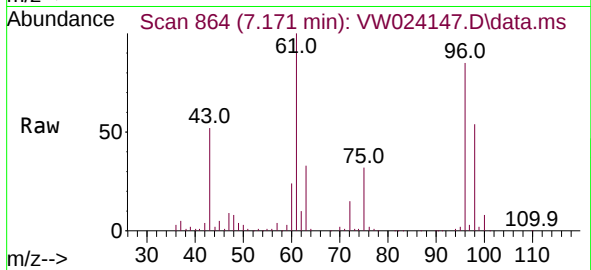




#22
2-Butanone
Concen: 52.510 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

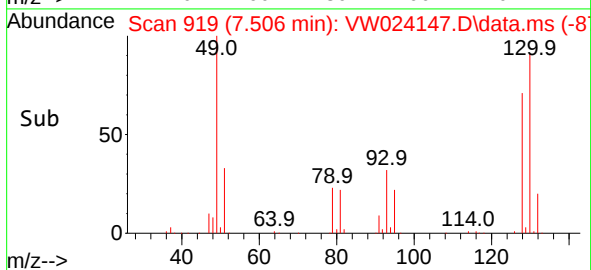
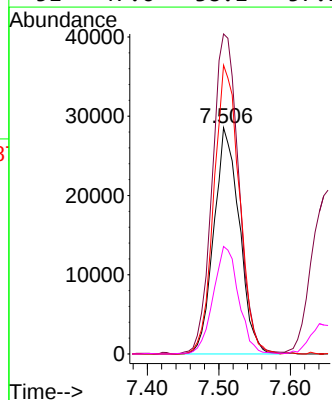
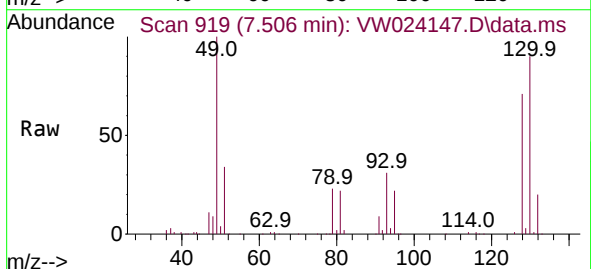
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

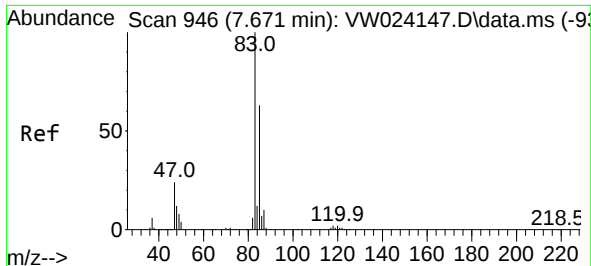
Tgt Ion: 43 Resp: 83135
Ion Ratio Lower Upper
43 100
72 29.3 14.6 43.8



#23
Bromochloromethane
Concen: 25.322 ug/L
RT: 7.506 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 128 Resp: 70610
Ion Ratio Lower Upper
128 100
49 141.5 99.0 184.0
130 127.7 89.4 166.0
51 47.6 38.1 57.1





#25

Chloroform

Concen: 25.600 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

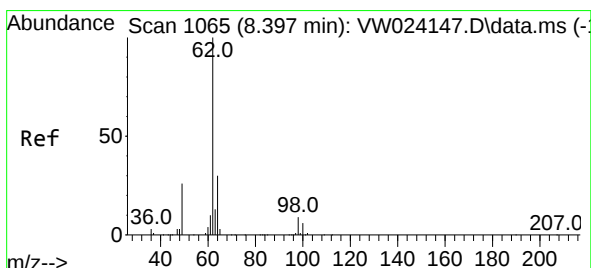
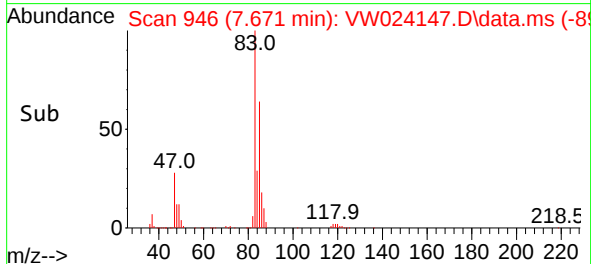
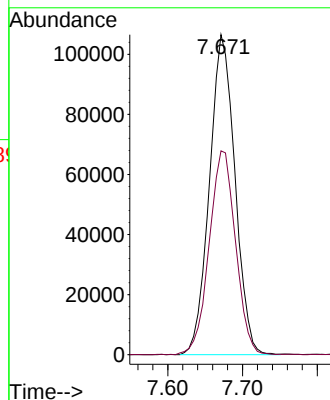
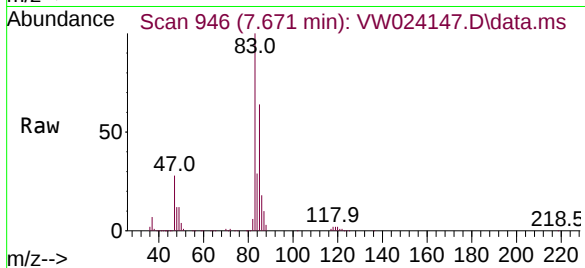
VSTD025403

Tgt Ion: 83 Resp: 252748

Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8



#27

1,2-Dichloroethane

Concen: 25.955 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024147.D

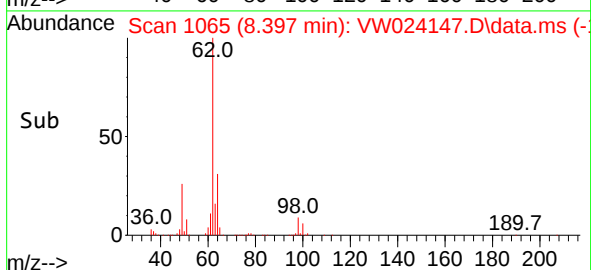
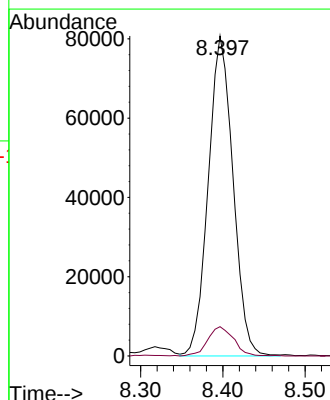
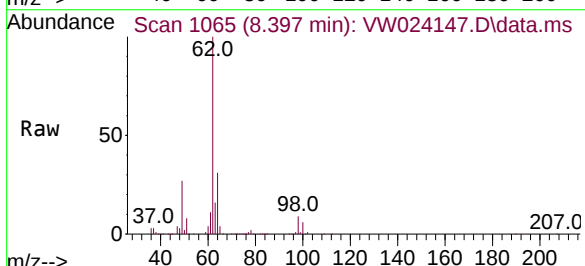
Acq: 03 Aug 2022 10:01

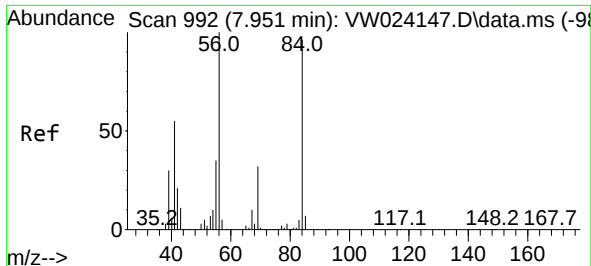
Tgt Ion: 62 Resp: 168988

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 27.402 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025403

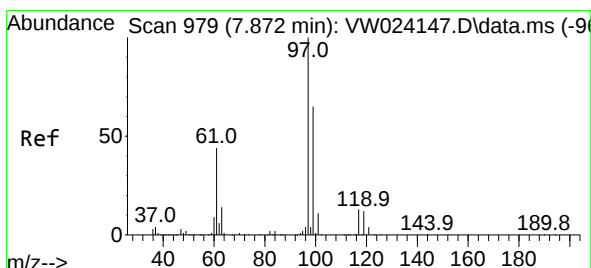
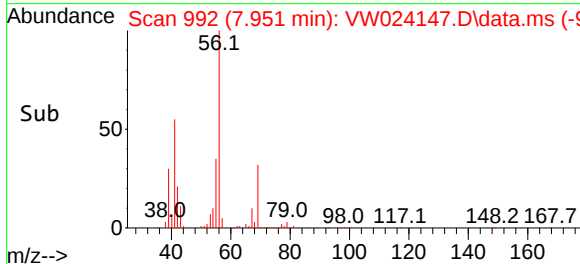
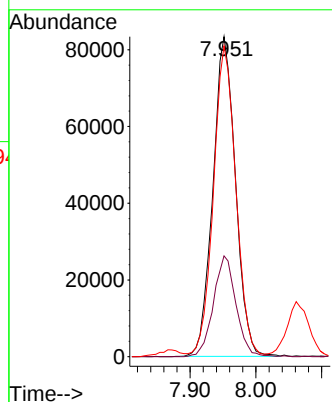
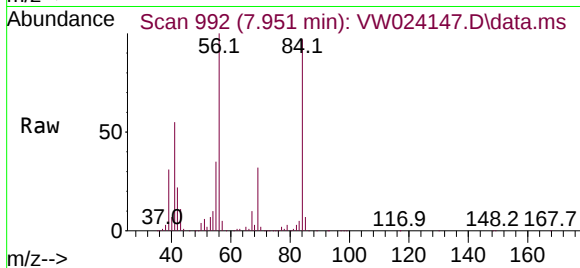
Tgt Ion: 56 Resp: 199158

Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 96.8 77.4 116.2



#30

1,1,1-Trichloroethane

Concen: 25.125 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

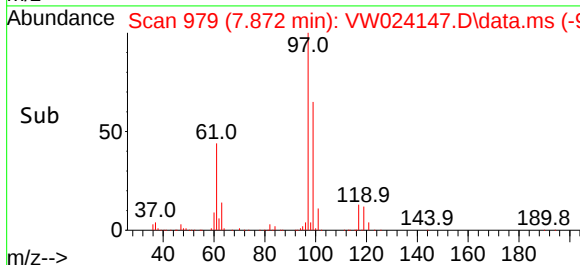
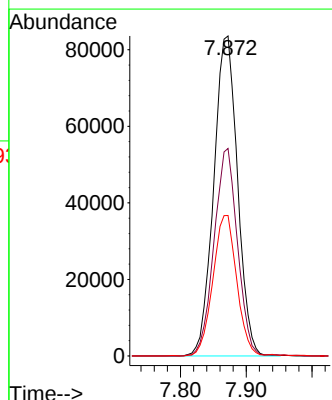
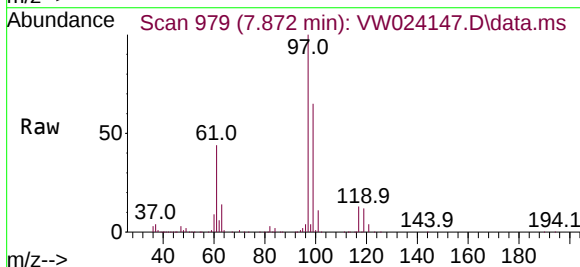
Tgt Ion: 97 Resp: 210805

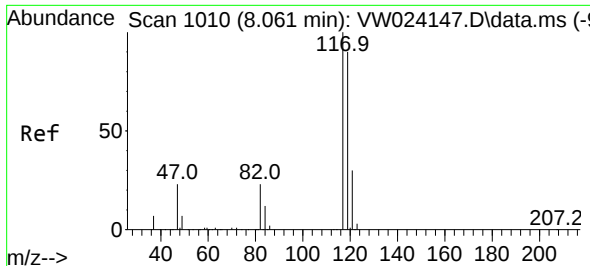
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 43.8 35.0 52.6

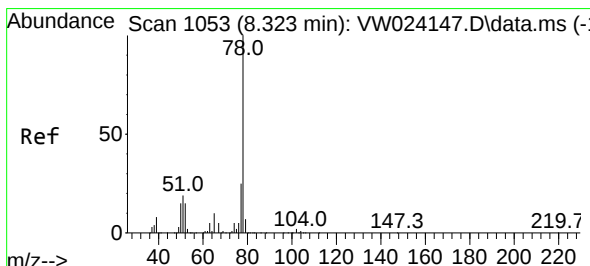
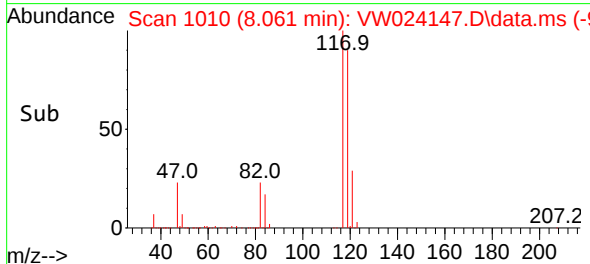
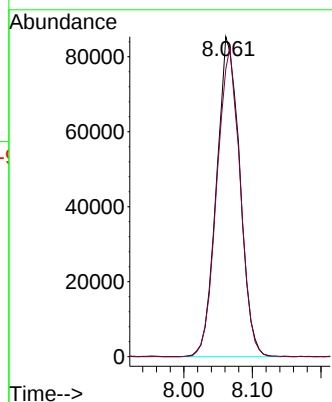
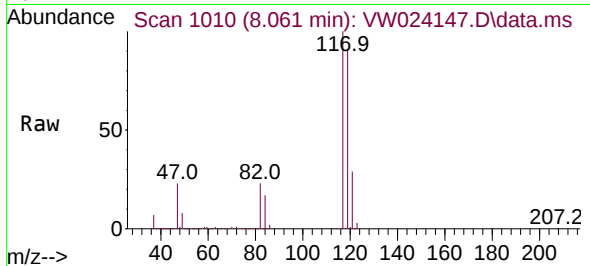




#31
Carbon tetrachloride
Concen: 25.571 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

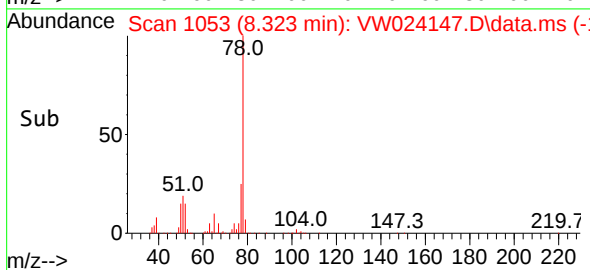
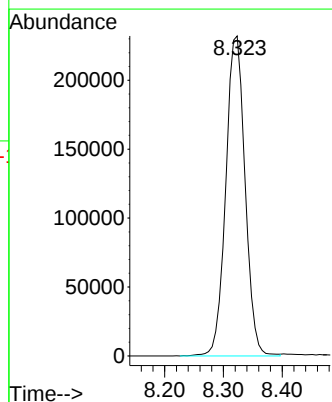
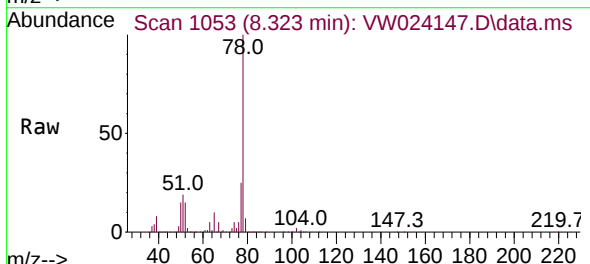
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

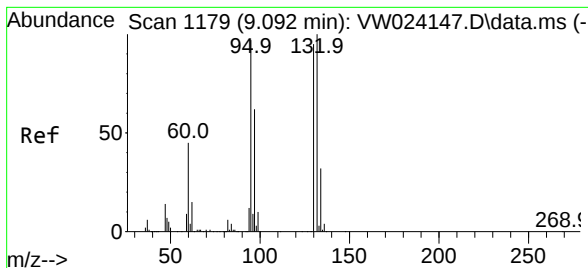
Tgt Ion:117 Resp: 201064
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9



#33
Benzene
Concen: 24.870 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 78 Resp: 529923





#34

Trichloroethene

Concen: 24.804 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025403

Tgt Ion: 95 Resp: 141468

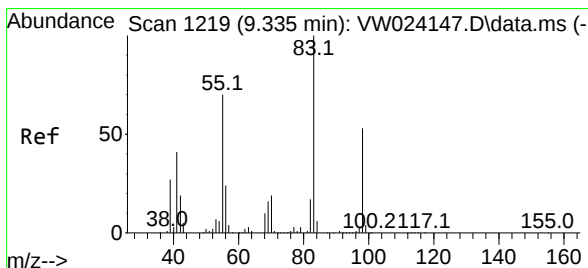
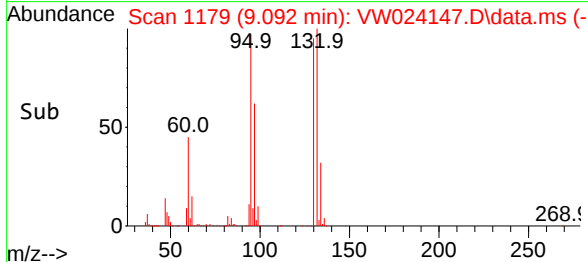
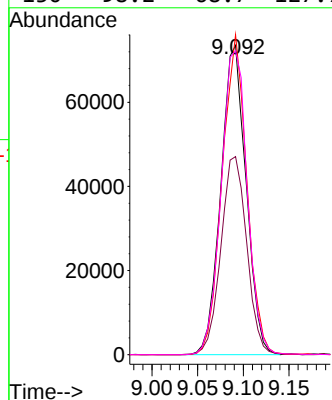
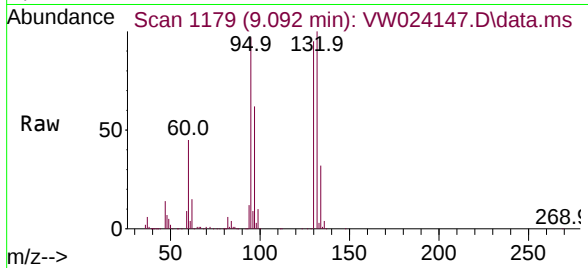
Ion Ratio Lower Upper

95 100

97 64.1 44.9 83.3

132 103.5 72.4 134.5

130 98.2 68.7 127.7



#35

Methylcyclohexane

Concen: 26.449 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

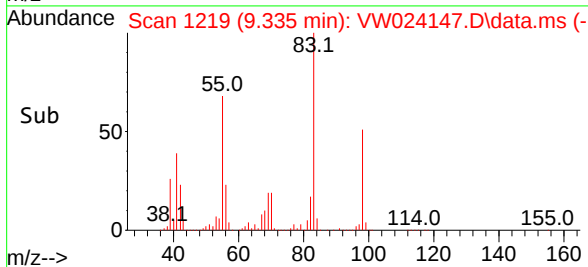
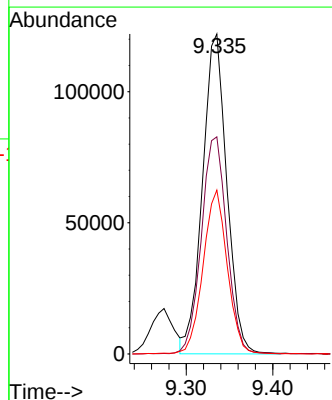
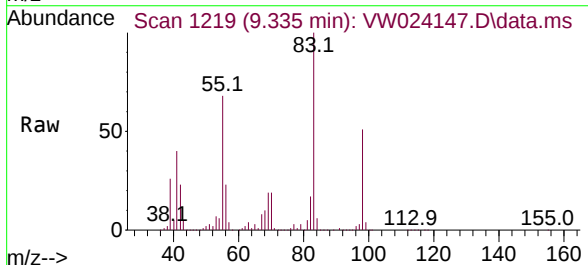
Tgt Ion: 83 Resp: 238312

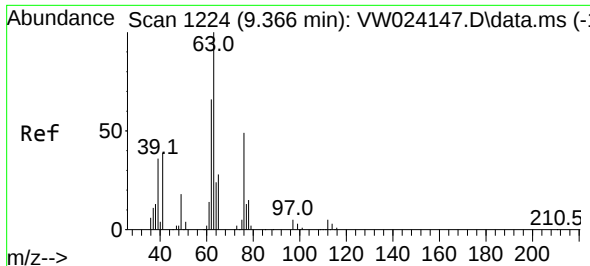
Ion Ratio Lower Upper

83 100

55 71.0 56.7 85.1

98 51.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 25.792 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

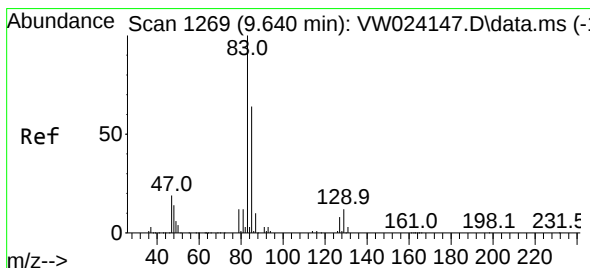
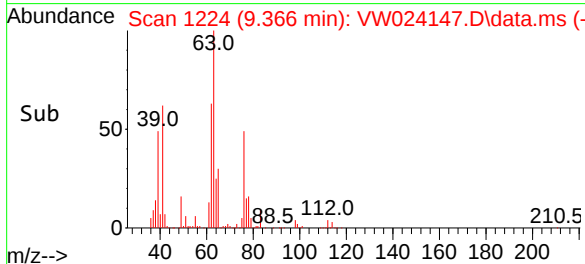
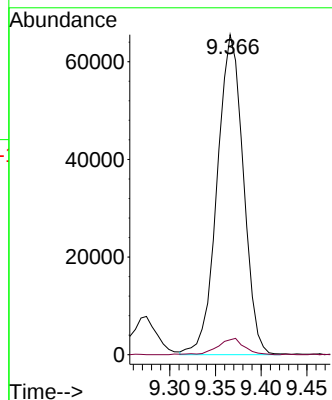
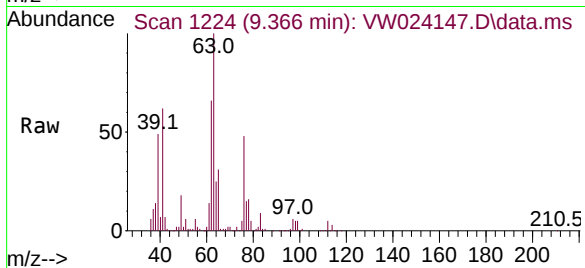
VSTD025403

Tgt Ion: 63 Resp: 130768

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 25.649 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

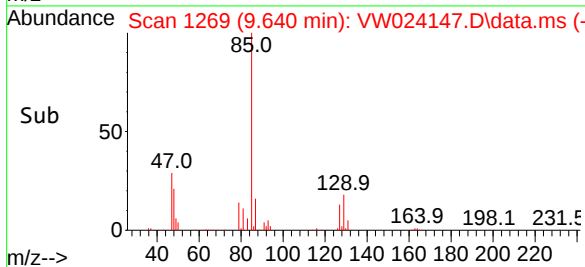
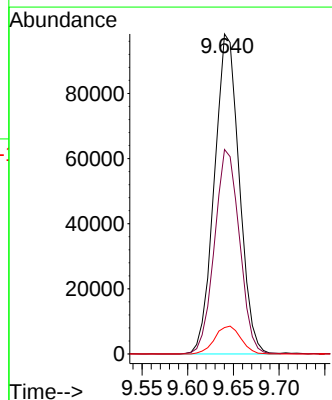
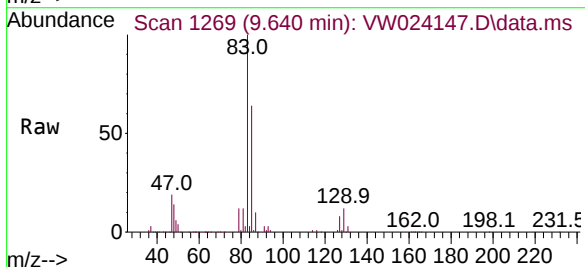
Tgt Ion: 83 Resp: 185837

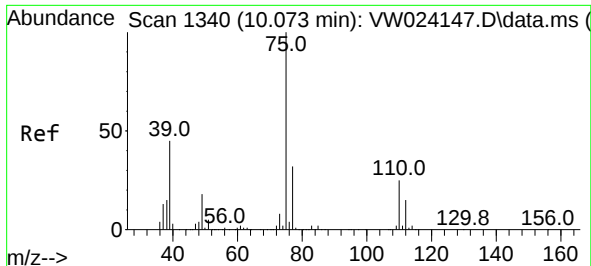
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 26.807 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

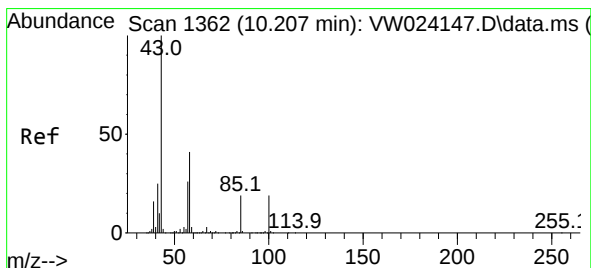
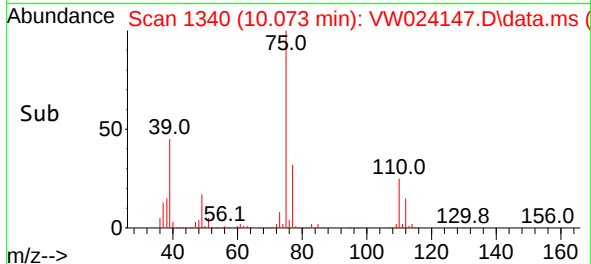
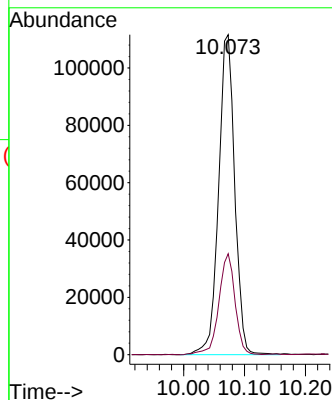
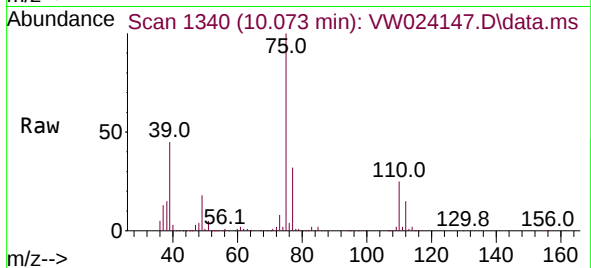
VSTD025403

Tgt Ion: 75 Resp: 205575

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.267 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

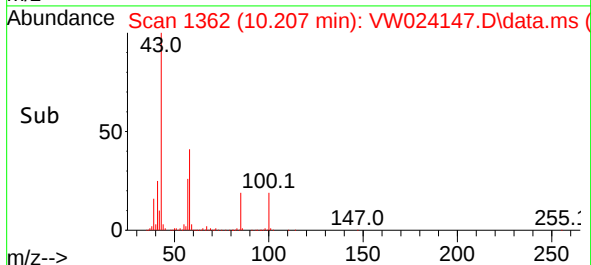
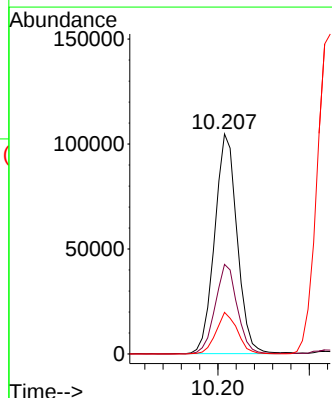
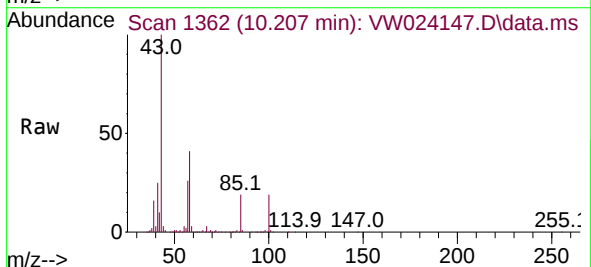
Tgt Ion: 43 Resp: 178686

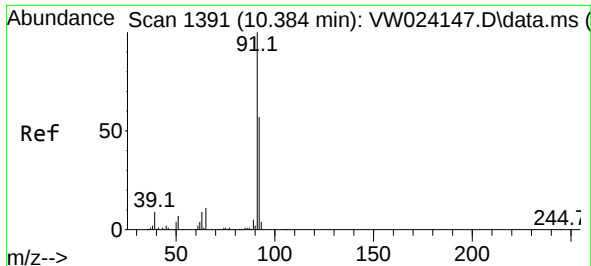
Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9

100 18.0 14.4 21.6

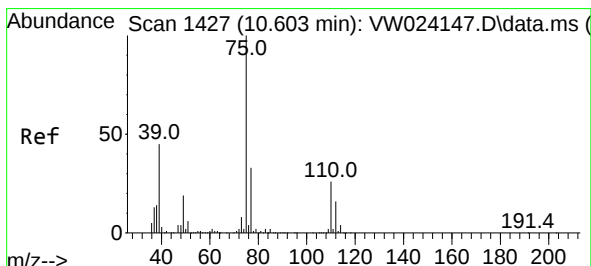
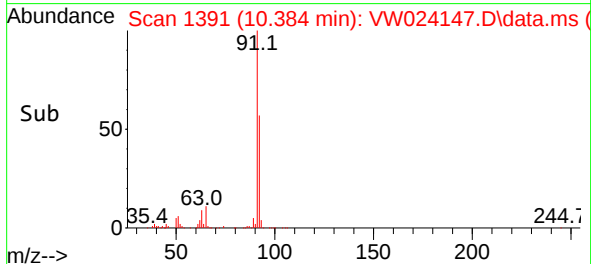
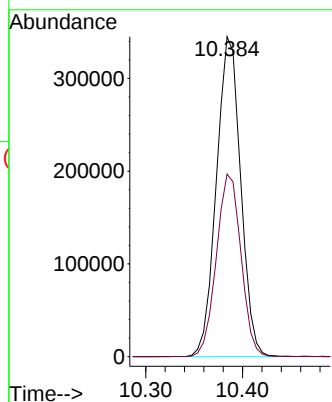
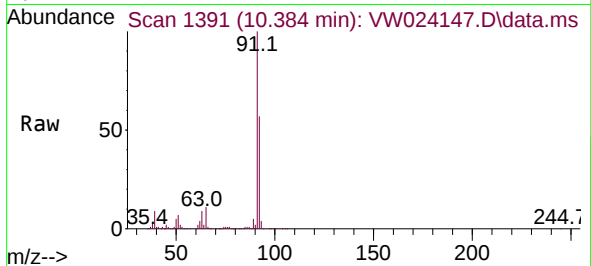




#42
Toluene
Concen: 26.396 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

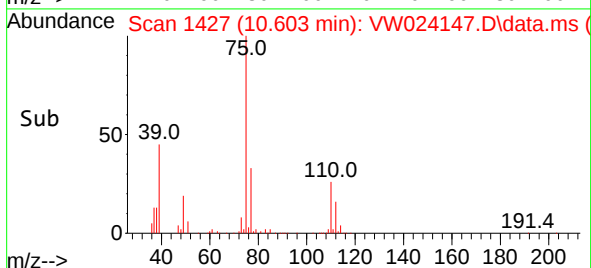
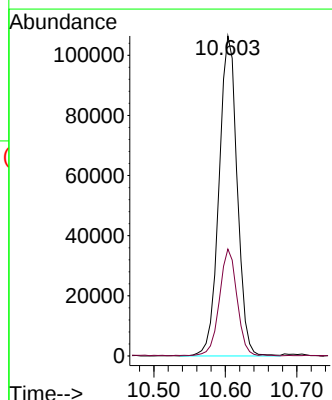
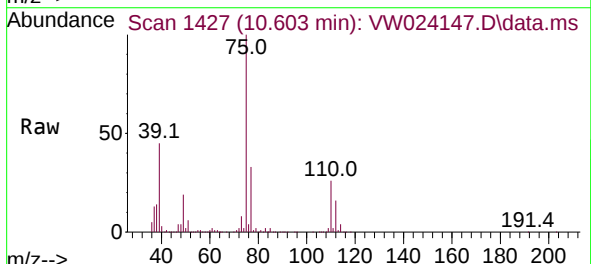
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

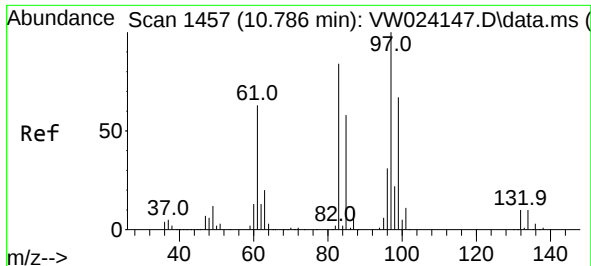
Tgt Ion: 91 Resp: 600593
Ion Ratio Lower Upper
91 100
92 57.0 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 26.769 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 75 Resp: 187823
Ion Ratio Lower Upper
75 100
77 33.4 23.4 43.4

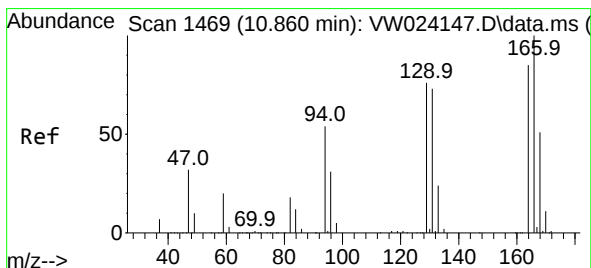
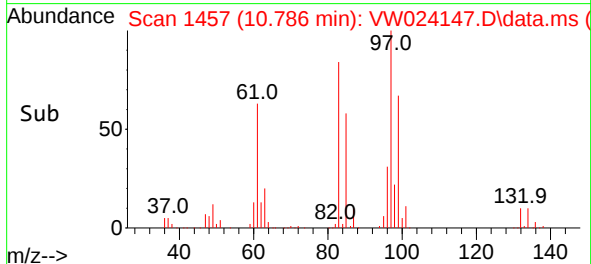
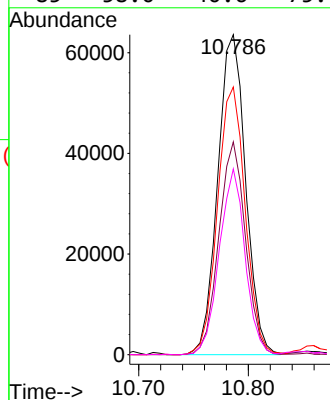
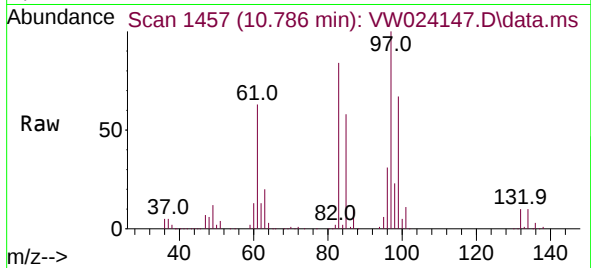




#45
1,1,2-Trichloroethane
Concen: 25.946 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

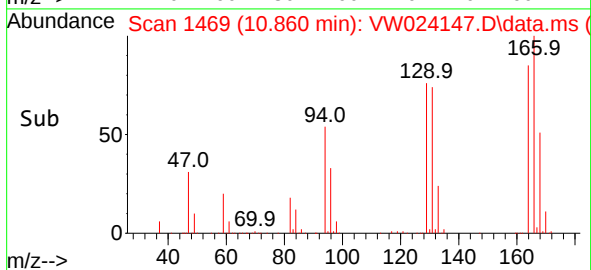
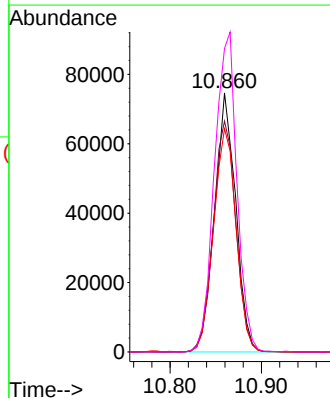
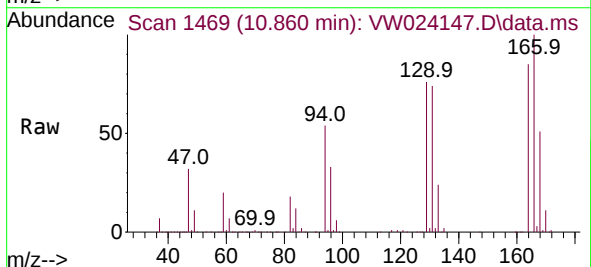
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

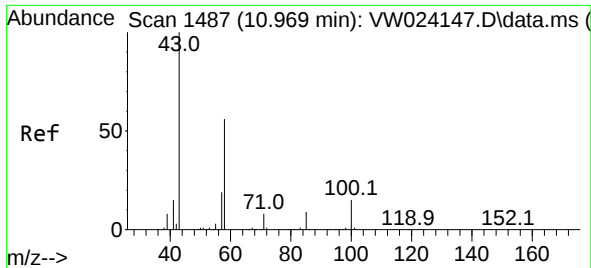
Tgt Ion:	97	Resp:	112443
Ion	Ratio	Lower	Upper
97	100		
99	66.5	46.5	86.5
83	83.7	58.6	108.8
85	58.0	40.6	75.4



#46
Tetrachloroethene
Concen: 24.965 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion:	164	Resp:	119977
Ion	Ratio	Lower	Upper
164	100		
129	89.1	62.4	115.8
131	86.1	60.3	111.9
166	117.2	82.0	152.4

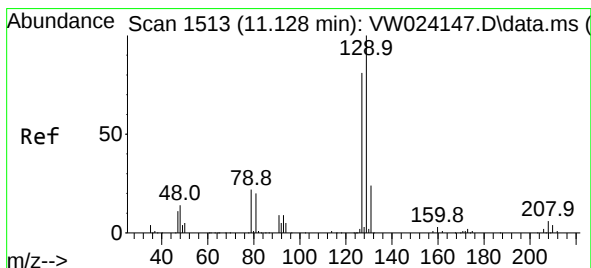
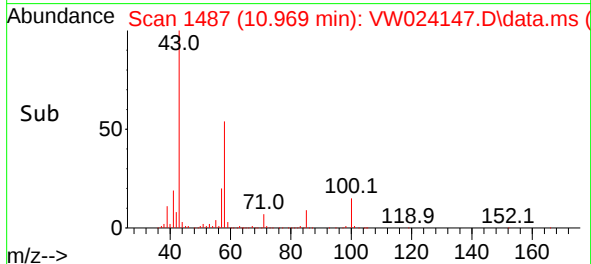
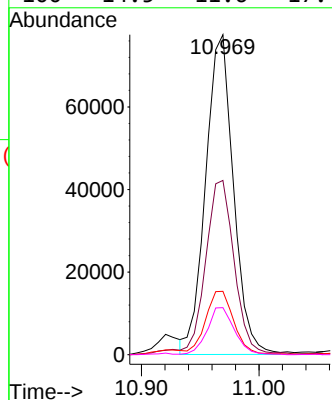
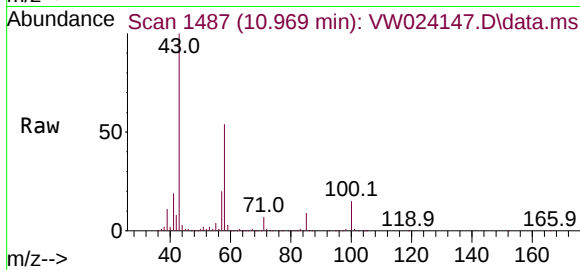




#48
2-Hexanone
Concen: 58.324 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

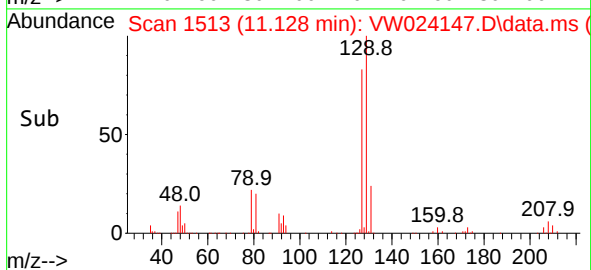
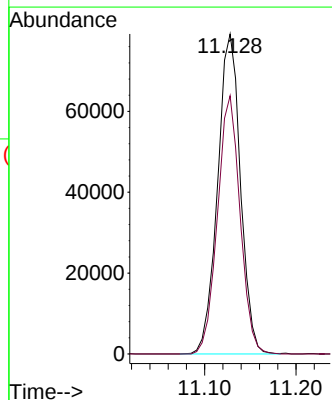
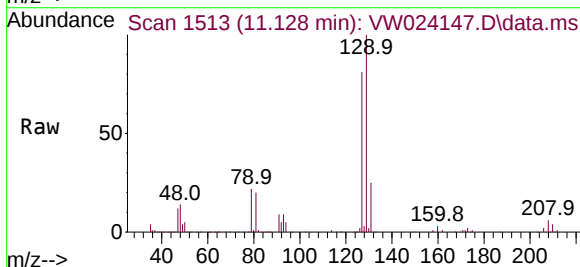
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

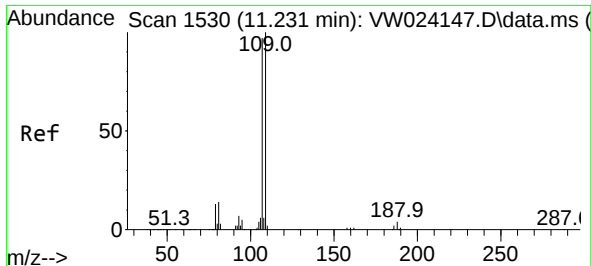
Tgt Ion: 43 Resp: 127683
Ion Ratio Lower Upper
43 100
58 55.8 44.7 67.1
57 20.2 16.2 24.2
100 14.5 11.6 17.4



#49
Dibromochloromethane
Concen: 26.018 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 129 Resp: 137451
Ion Ratio Lower Upper
129 100
127 80.7 56.5 104.9





#50

1,2-Dibromoethane

Concen: 25.608 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025403

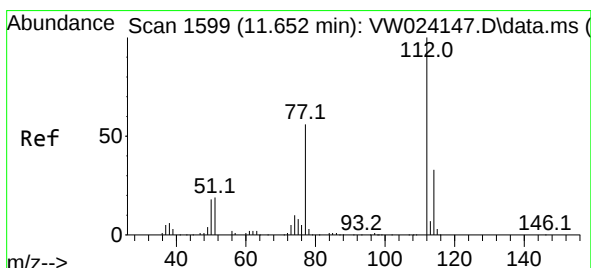
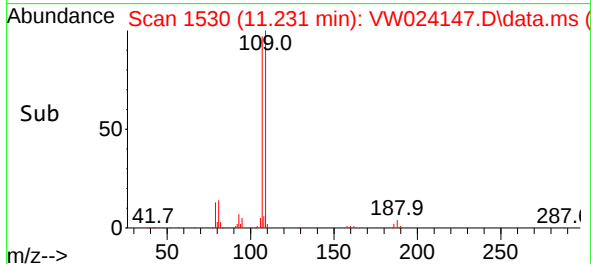
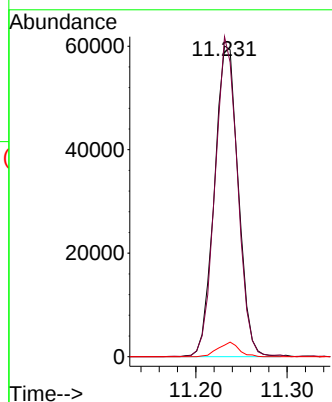
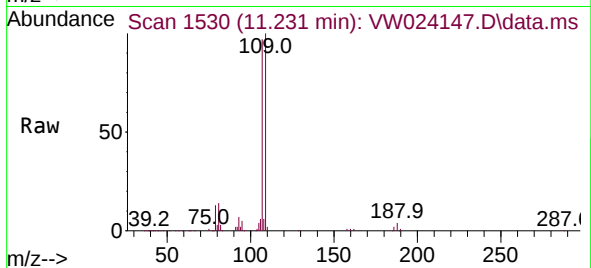
Tgt Ion:107 Resp: 108873

Ion Ratio Lower Upper

107 100

109 103.0 72.1 133.9

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 25.301 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

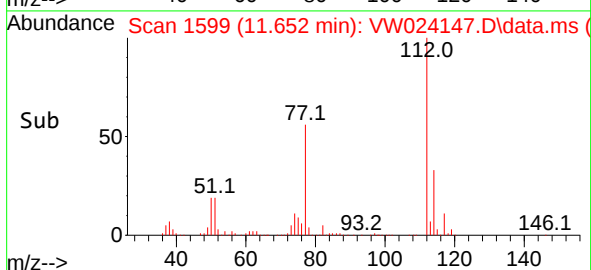
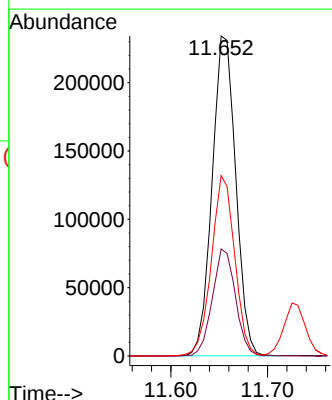
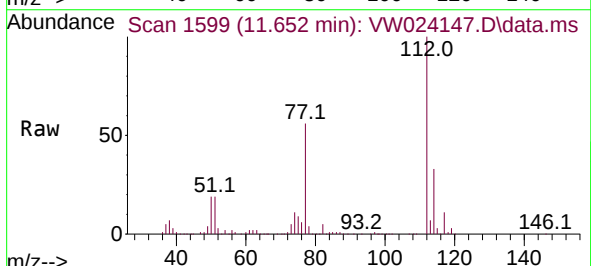
Tgt Ion:112 Resp: 398102

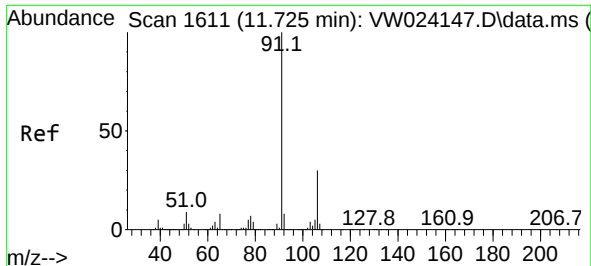
Ion Ratio Lower Upper

112 100

114 33.4 23.4 43.4

77 56.3 45.0 67.6

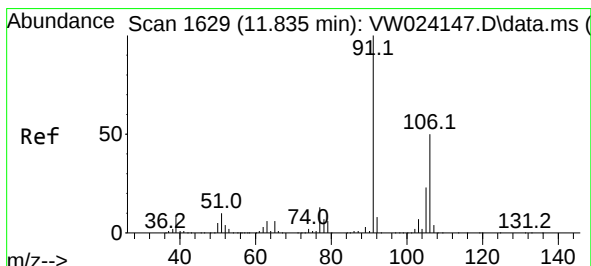
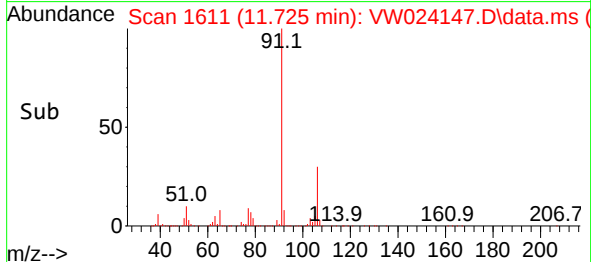
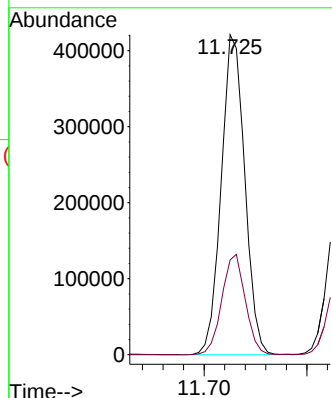
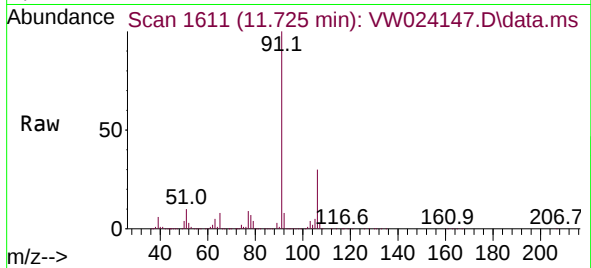




#52
Ethylbenzene
Concen: 26.811 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

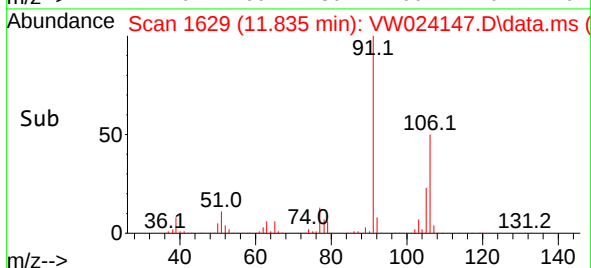
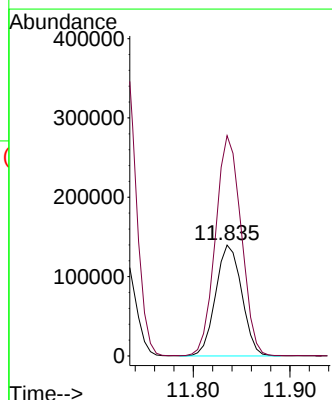
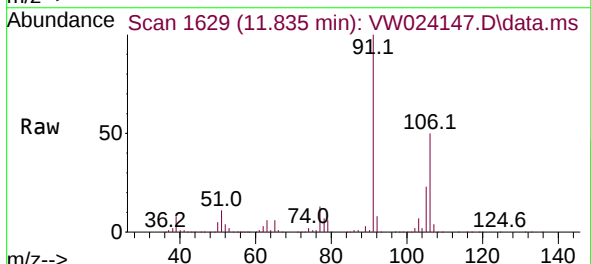
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

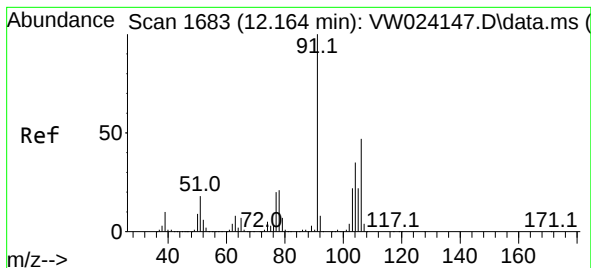
Tgt Ion: 91 Resp: 668475
Ion Ratio Lower Upper
91 100
106 29.6 20.7 38.5



#53
m,p-Xylene
Concen: 27.361 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion: 106 Resp: 261928
Ion Ratio Lower Upper
106 100
91 198.6 139.0 258.2

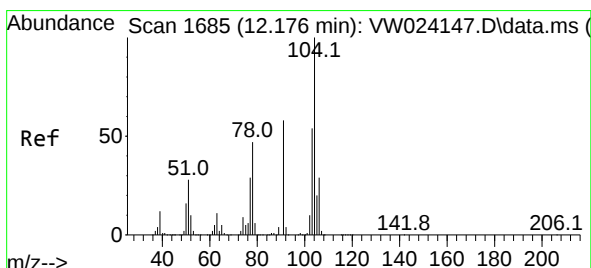
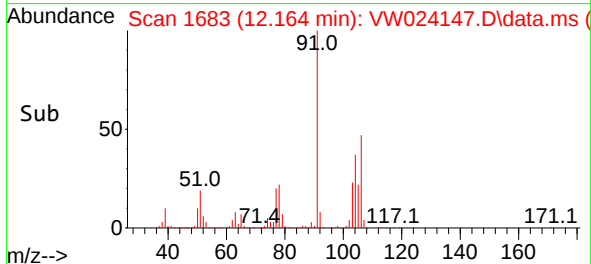
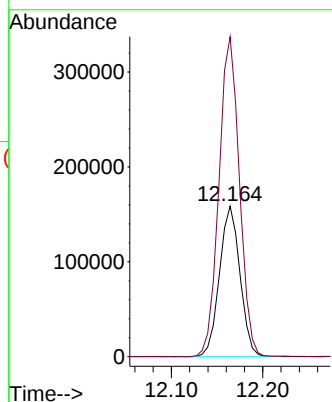
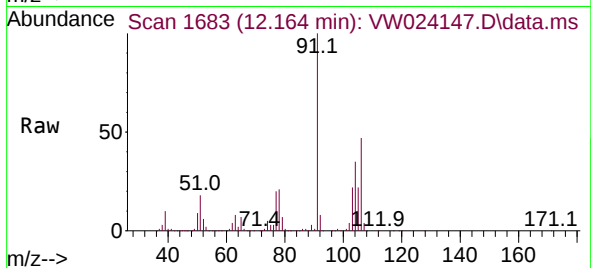




#54
o-Xylene
Concen: 27.023 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

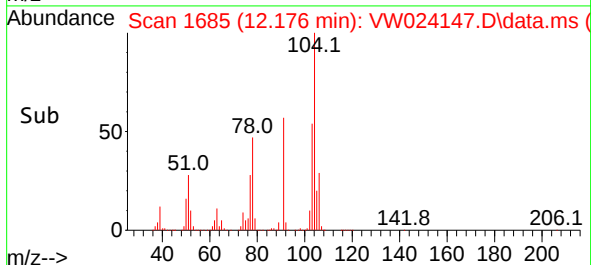
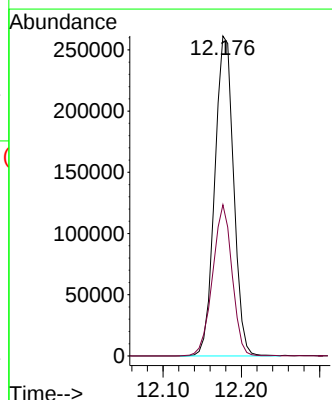
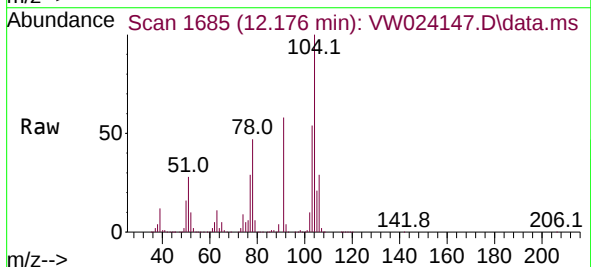
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

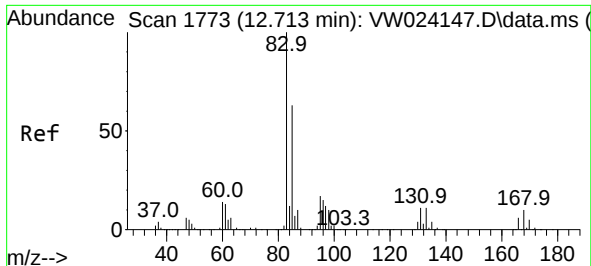
Tgt Ion:106 Resp: 247363
Ion Ratio Lower Upper
106 100
91 212.5 148.7 276.3



#55
Styrene
Concen: 27.591 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion:104 Resp: 438427
Ion Ratio Lower Upper
104 100
78 47.3 33.1 61.5





#57

1,1,2-Tetrachloroethane

Concen: 27.354 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025403

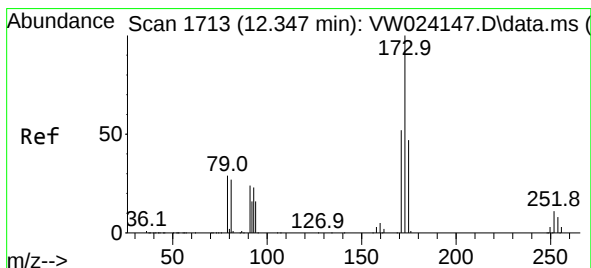
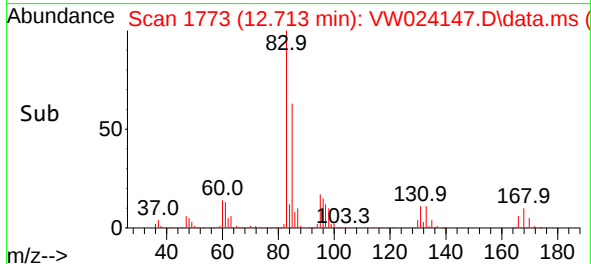
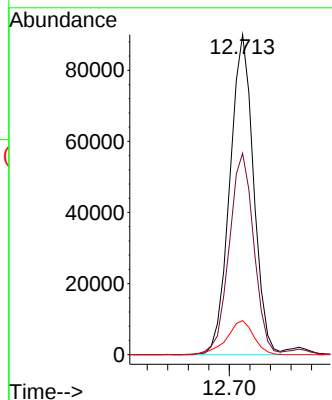
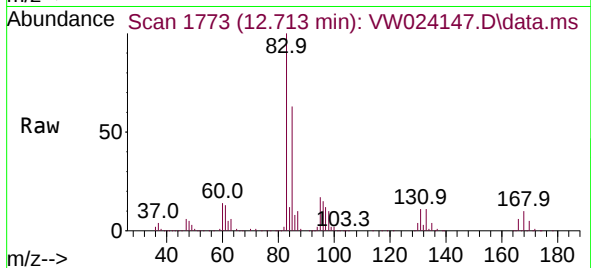
Tgt Ion: 83 Resp: 144257

Ion Ratio Lower Upper

83 100

85 62.9 44.0 81.8

131 10.7 8.6 12.8



#59

Bromoform

Concen: 26.892 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

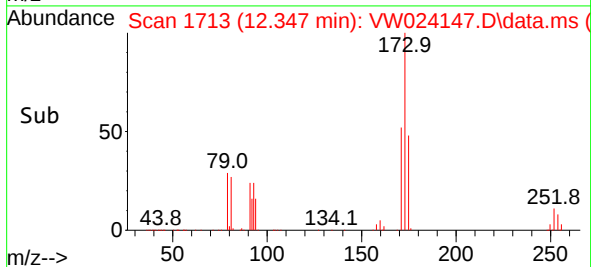
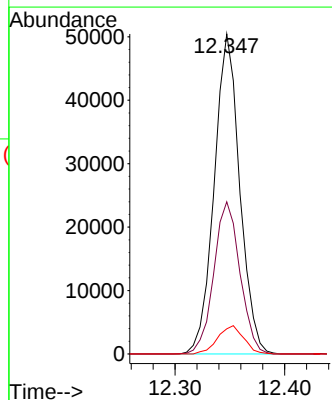
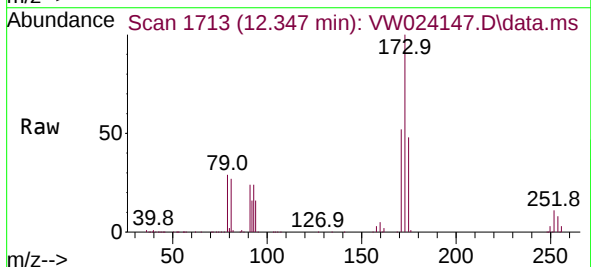
Tgt Ion:173 Resp: 81652

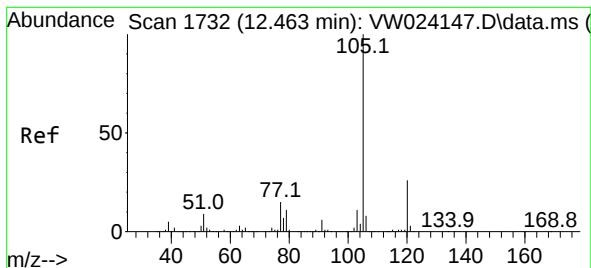
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 9.0 7.2 10.8





#60

Isopropylbenzene

Concen: 27.438 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025403

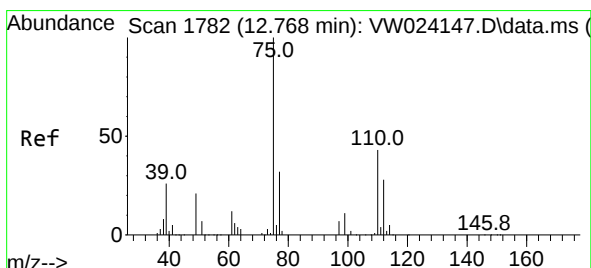
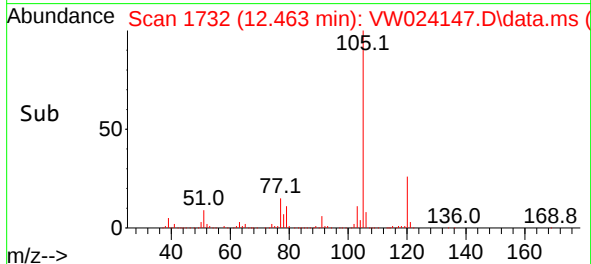
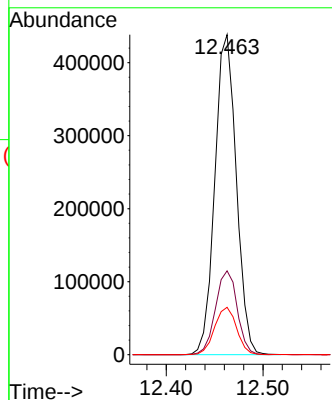
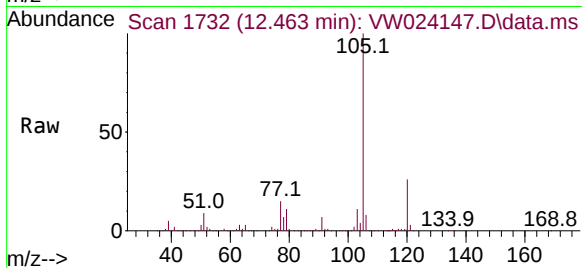
Tgt Ion:105 Resp: 674436

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.3 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 26.514 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

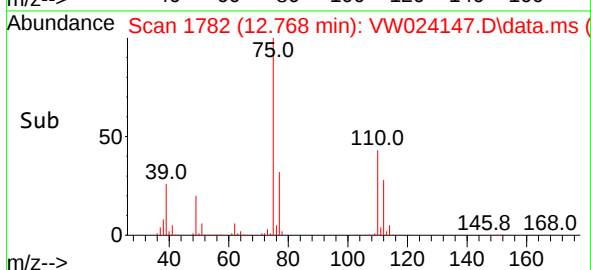
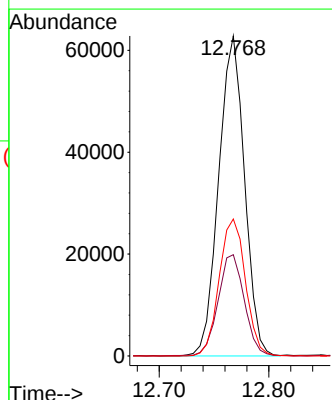
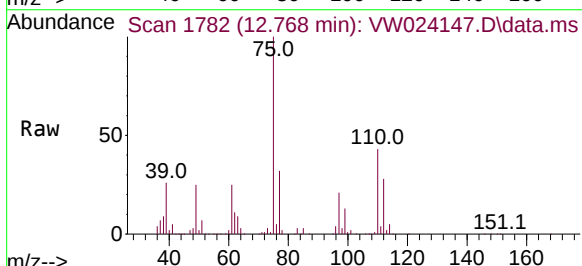
Tgt Ion: 75 Resp: 102924

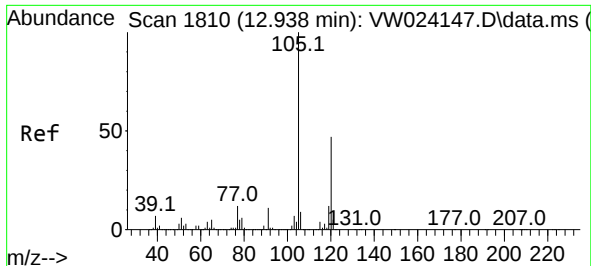
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 43.4 34.7 52.1

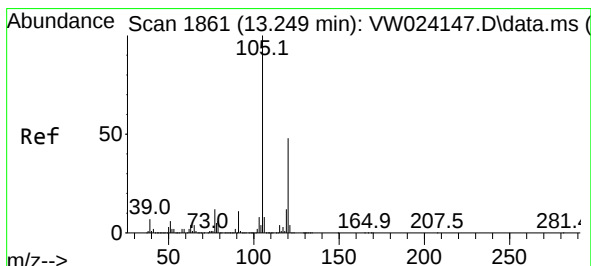
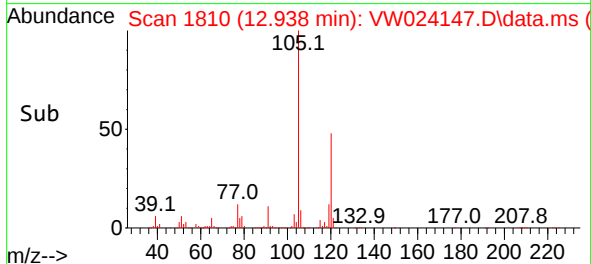
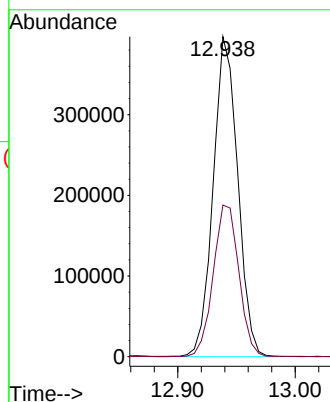
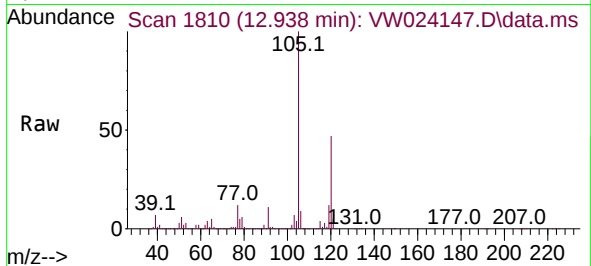




#62
1,3,5-Trimethylbenzene
Concen: 28.587 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

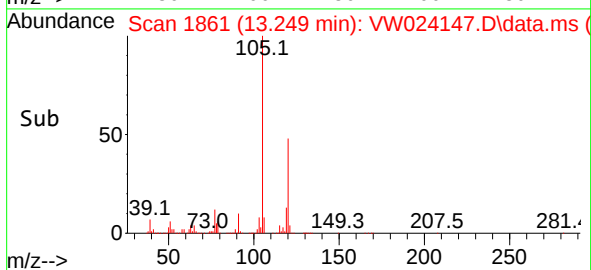
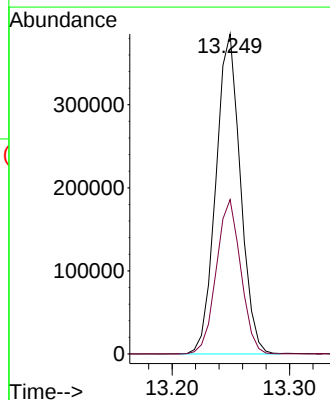
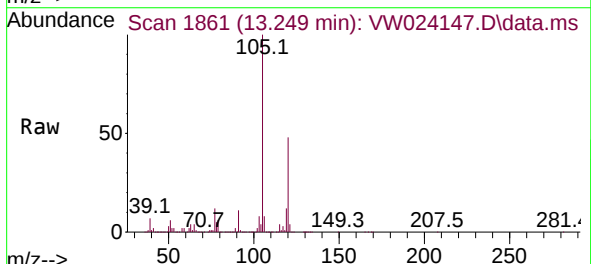
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

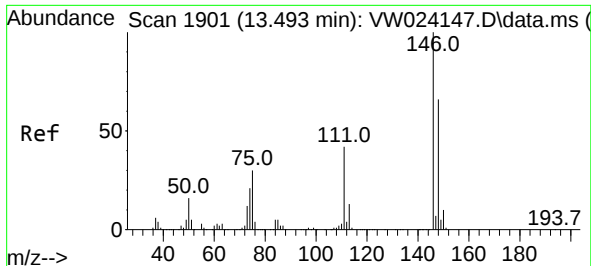
Tgt Ion:105 Resp: 575378
Ion Ratio Lower Upper
105 100
120 49.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 28.167 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion:105 Resp: 559223
Ion Ratio Lower Upper
105 100
120 48.1 38.5 57.7

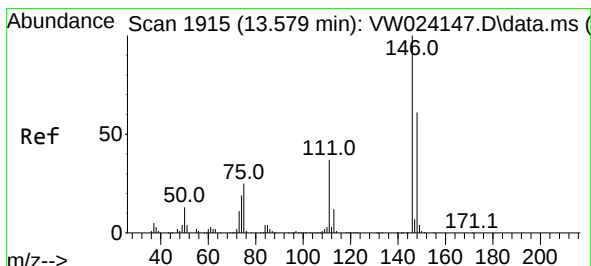
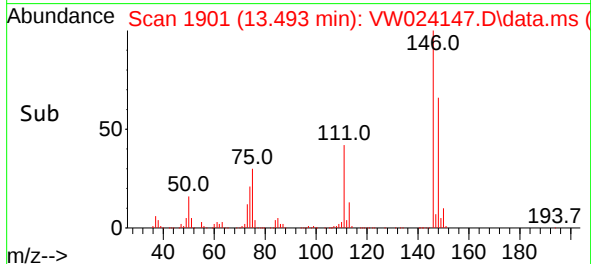
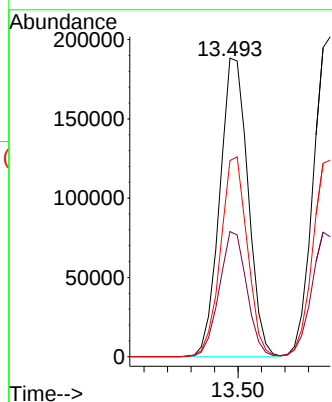
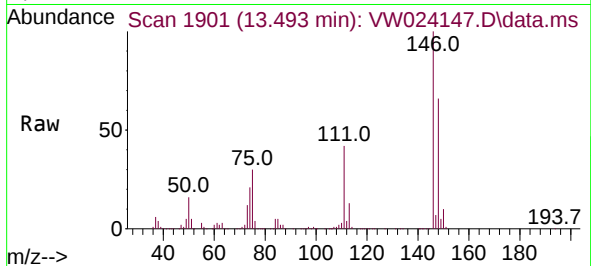




#64
1,3-Dichlorobenzene
Concen: 25.367 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

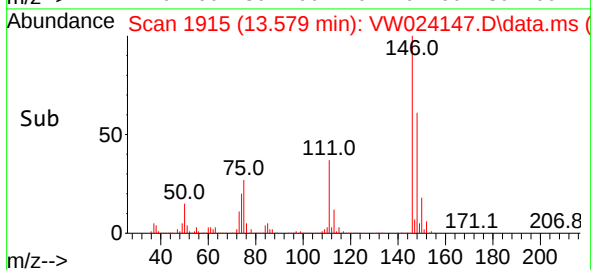
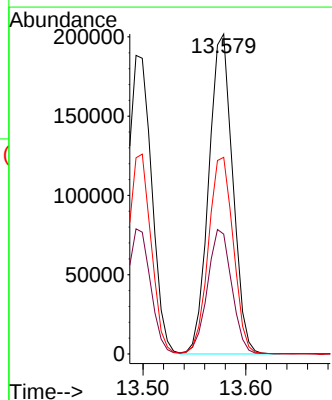
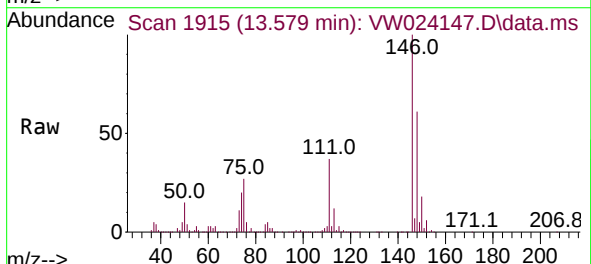
Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

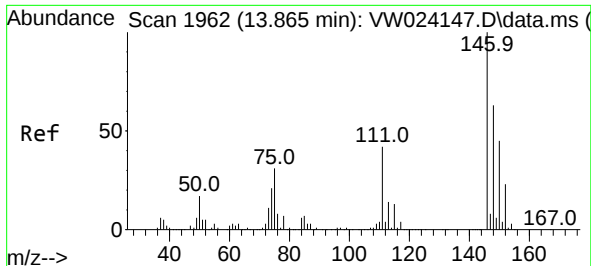
Tgt Ion:146 Resp: 314724
Ion Ratio Lower Upper
146 100
111 41.9 29.3 54.5
148 65.7 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 25.419 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion:146 Resp: 327176
Ion Ratio Lower Upper
146 100
111 37.4 26.2 48.6
148 61.4 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 26.383 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025403

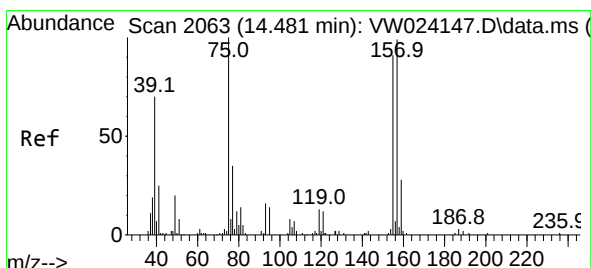
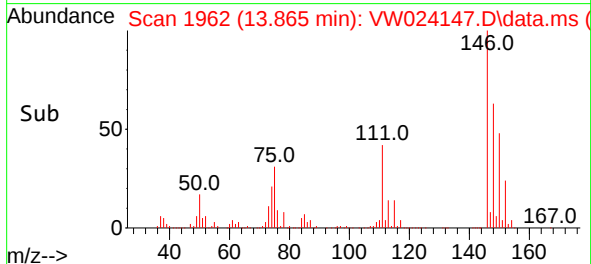
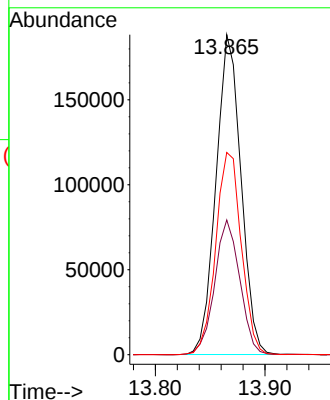
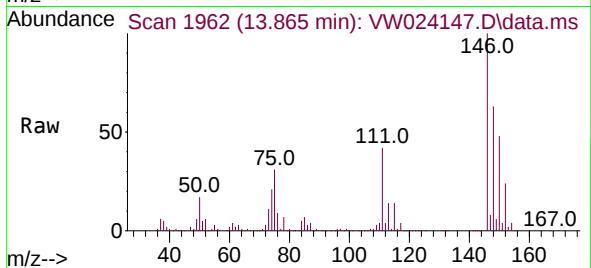
Tgt Ion:146 Resp: 298557

Ion Ratio Lower Upper

146 100

111 42.1 33.7 50.5

148 63.2 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 27.209 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024147.D

Acq: 03 Aug 2022 10:01

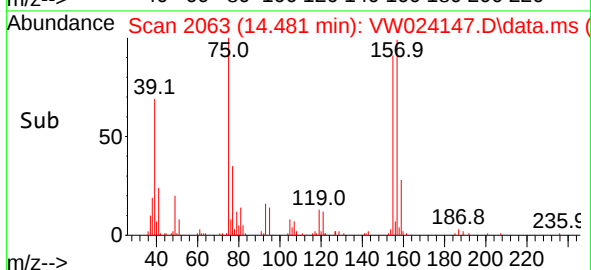
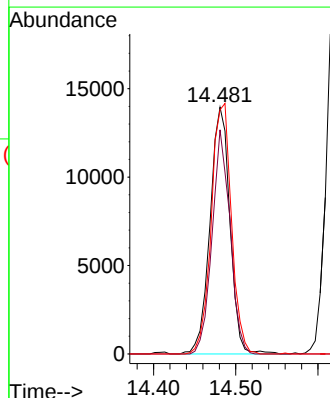
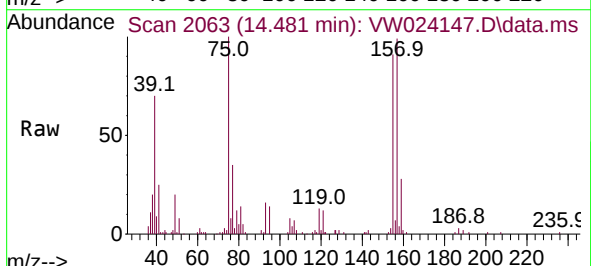
Tgt Ion: 75 Resp: 23437

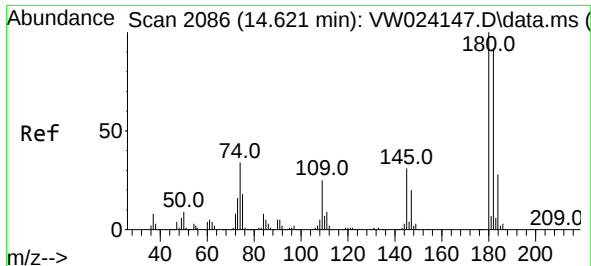
Ion Ratio Lower Upper

75 100

155 90.8 72.6 109.0

157 98.9 79.1 118.7



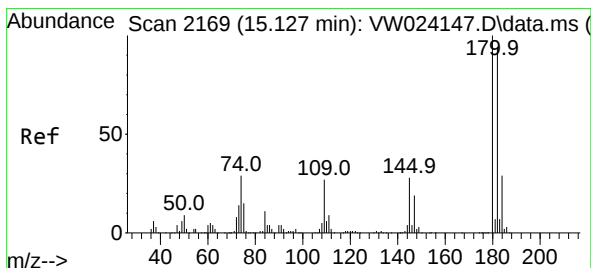
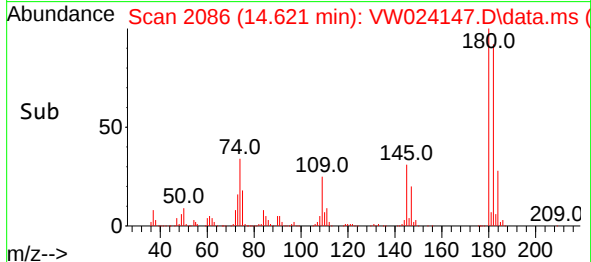
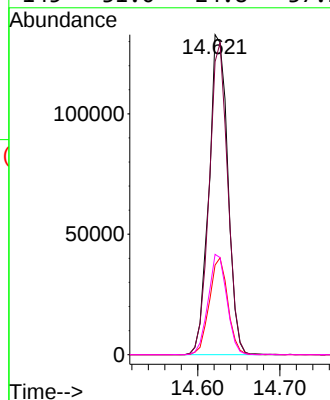
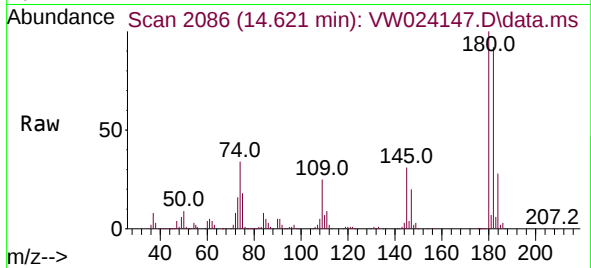


#69
1,3,5-Trichlorobenzene
Concen: 25.709 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

Tgt Ion:180 Resp: 211909

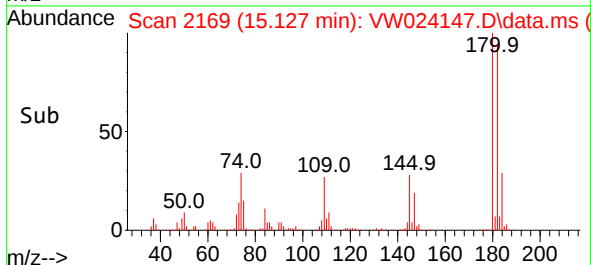
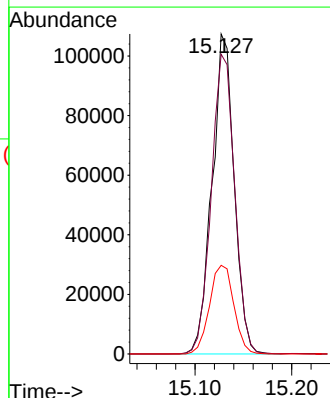
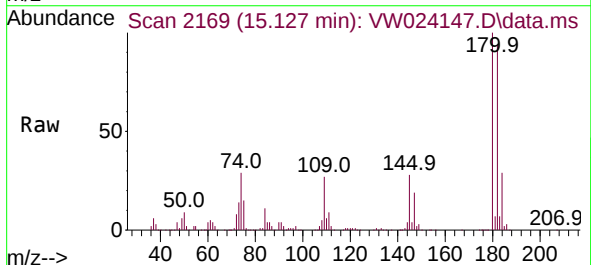
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
184	29.6	23.7	35.5
145	31.0	24.8	37.2

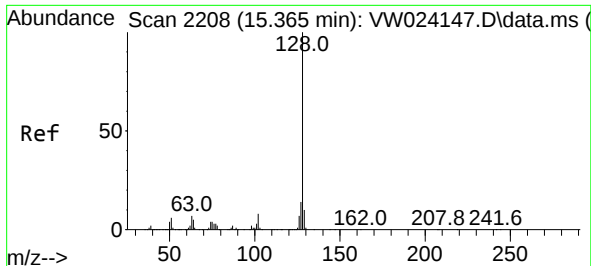


#70
1,2,4-trichlorobenzene
Concen: 26.864 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion:180 Resp: 170668

Ion	Ratio	Lower	Upper
180	100		
182	98.8	79.0	118.6
145	30.4	24.3	36.5

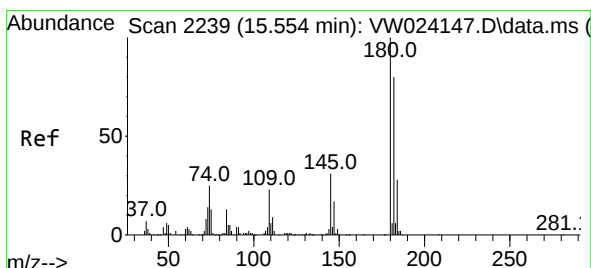
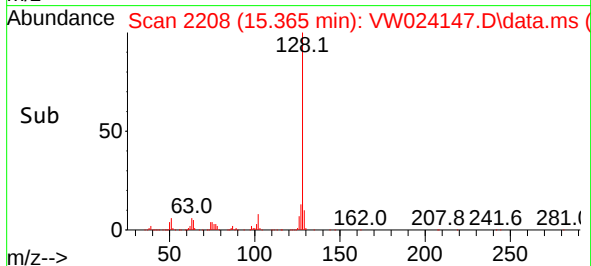
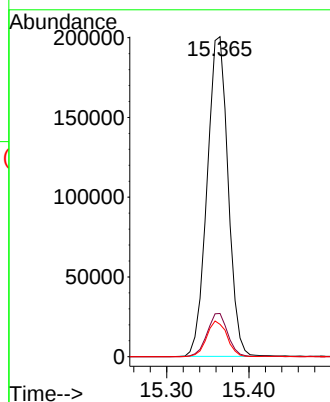
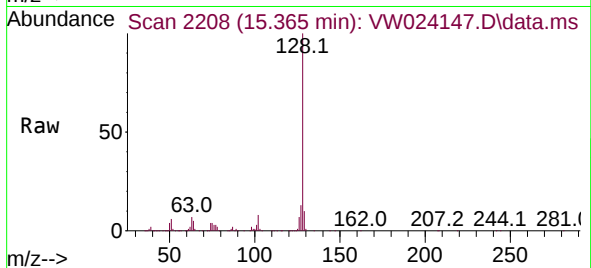




#71
Naphthalene
Concen: 28.967 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025403

Tgt Ion:128 Resp: 354662
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.320 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW024147.D
Acq: 03 Aug 2022 10:01

Tgt Ion:180 Resp: 153720
Ion Ratio Lower Upper
180 100
182 91.8 73.4 110.2
145 33.3 26.6 40.0

