

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024526.D
 Acq On : 02 Sep 2022 11:12
 Operator : SY/VA
 Sample : VSTD10029
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100429

Quant Time: Sep 02 23:34:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:31:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	409096	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	406899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	770091	94.316	ug/L	0.00
7) Chloroethane-d5	2.867	69	592812	97.515	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	931216	96.839	ug/L	0.00
21) 2-Butanone-d5	7.074	46	245333	188.029	ug/L	0.00
24) Chloroform-d	7.641	84	1010075	92.723	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	515658	87.653	ug/L	0.00
32) Benzene-d6	8.269	84	1983399	93.443	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	559652	90.111	ug/L	0.00
41) Toluene-d8	10.323	98	1930992	95.528	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	262931	97.045	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	214908	202.011	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	493021	87.319	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	655190	93.697	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.995	85	155489	139.202	ug/L	98
3) Chloromethane	2.209	50	520175	91.318	ug/L	100
5) Vinyl chloride	2.349	62	857168	85.095	ug/L	96
6) Bromomethane	2.745	94	584611	85.244	ug/L	96
8) Chloroethane	2.904	64	486875	91.055	ug/L	95
9) Trichlorofluoromethane	3.233	101	340664	89.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	529944	92.646	ug/L	97
12) 1,1-Dichloroethene	4.032	96	480925	95.374	ug/L	85
13) Acetone	4.117	43	167840	167.498	ug/L	96
14) Carbon disulfide	4.373	76	1273279	91.678	ug/L	98
15) Methyl Acetate	4.666	43	214499	94.154	ug/L	98
16) Methylene chloride	4.909	84	497049	85.830	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	531891	94.926	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	958647	98.766	ug/L	99
19) 1,1-Dichloroethane	6.208	63	939791	92.616	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	594966	97.544	ug/L	95
22) 2-Butanone	7.165	43	302013	185.577	ug/L	99
23) Bromochloromethane	7.506	128	264724	93.547	ug/L	96
25) Chloroform	7.671	83	1035717	92.968	ug/L	99
27) 1,2-Dichloroethane	8.397	62	655508	89.578	ug/L	96
29) Cyclohexane	7.952	56	826603	97.841	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	859956	93.433	ug/L	97
31) Carbon tetrachloride	8.061	117	796674	95.462	ug/L	97
33) Benzene	8.317	78	2176365	89.946	ug/L	100
34) Trichloroethene	9.085	95	585705	91.194	ug/L	96
35) Methylcyclohexane	9.335	83	970691	95.507	ug/L	98
37) 1,2-Dichloropropane	9.366	63	532207	91.279	ug/L	100
38) Bromodichloromethane	9.640	83	775107	94.045	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	894133	101.858	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	708855	195.489	ug/L	100
42) Toluene	10.384	91	2504767	95.066	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	806501	102.424	ug/L	99

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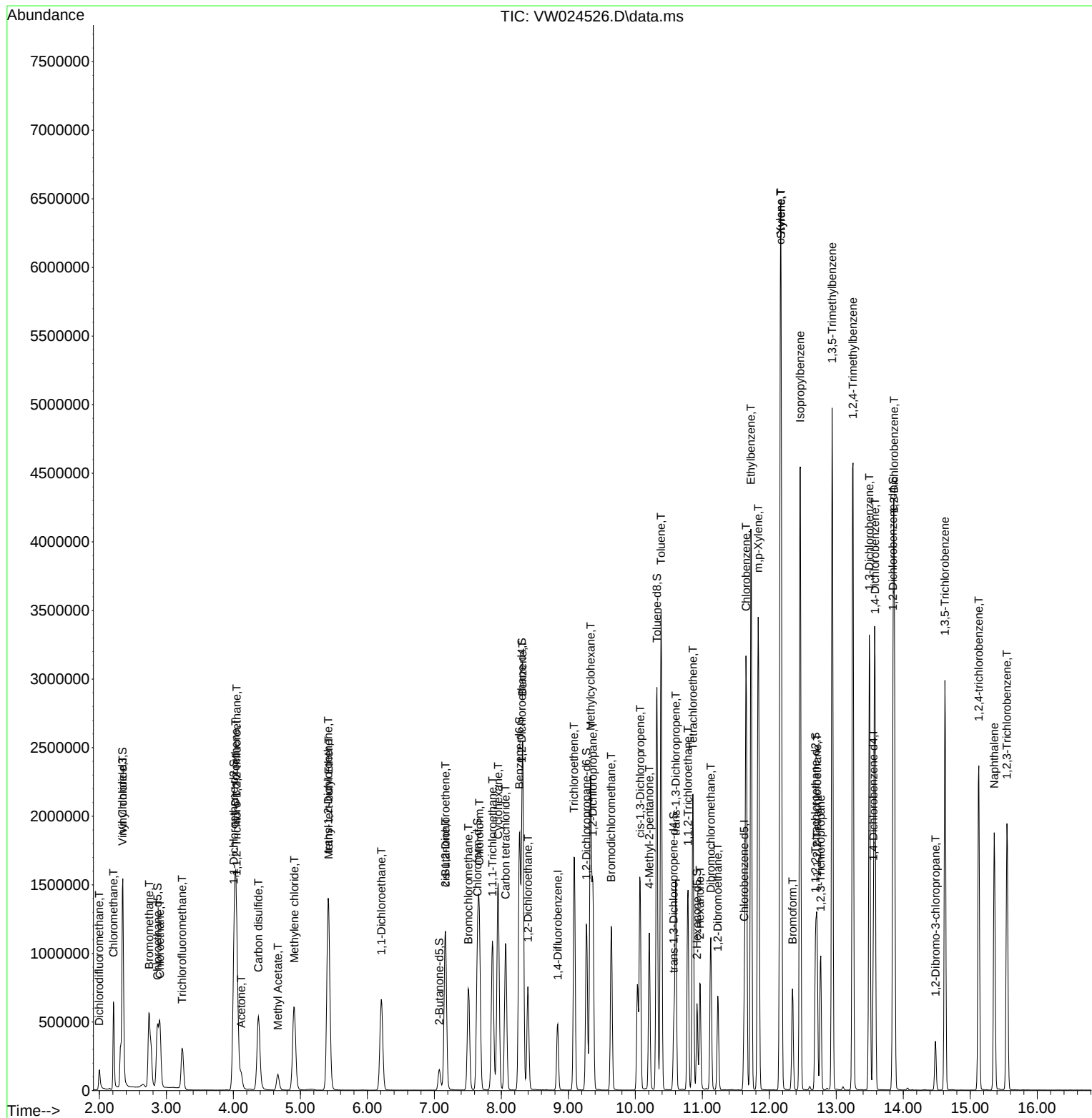
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	448087	92.046	ug/L	98
46) Tetrachloroethene	10.860	164	455075	96.957	ug/L	91
48) 2-Hexanone	10.963	43	480296	203.280	ug/L	99
49) Dibromochloromethane	11.128	129	570580	99.752	ug/L	99
50) 1,2-Dibromoethane	11.231	107	433331	93.991	ug/L	99
51) Chlorobenzene	11.652	112	1666669	93.212	ug/L	98
52) Ethylbenzene	11.725	91	2858743	96.925	ug/L	100
53) m,p-Xylene	11.835	106	1138596	98.715	ug/L	97
54) o-Xylene	12.164	106	1110156	100.543	ug/L	99
55) Styrene	12.176	104	1958232	102.099	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	543351	90.192	ug/L	100
59) Bromoform	12.347	173	325601	104.919	ug/L	100
60) Isopropylbenzene	12.463	105	3030084	100.274	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	384911	89.200	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	2589413	103.878	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2551830	104.598	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	1292611	96.032	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	1264660	91.710	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	1165165	93.763	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	85365	87.401	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	856021	98.924	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	690099	104.292	ug/L	95
71) Naphthalene	15.359	128	1573297	112.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	630870	105.714	ug/L	97

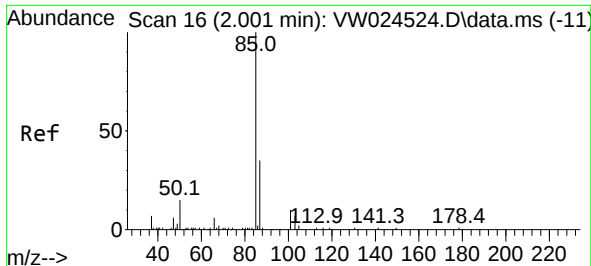
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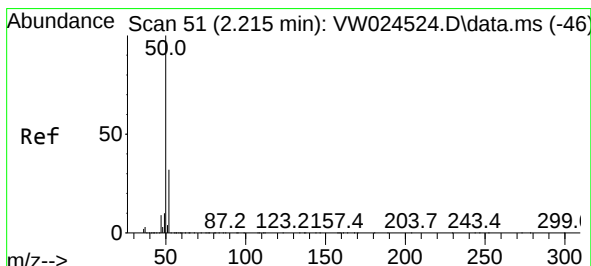
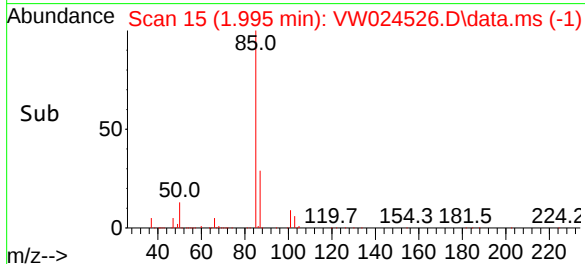
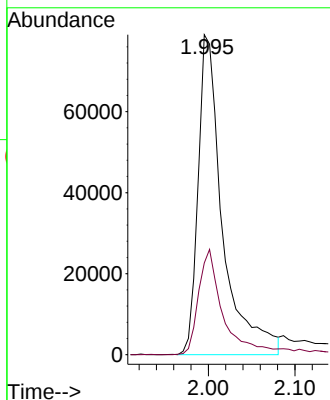
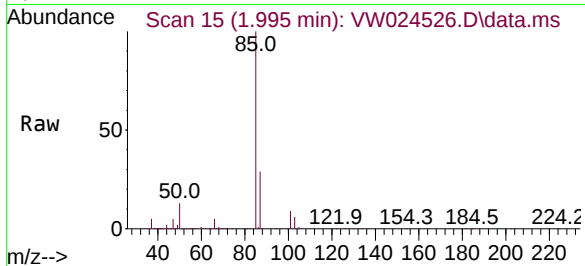




#2
 Dichlorodifluoromethane
 Concen: 139.202 ug/L
 RT: 1.995 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW024526.D
 Acq: 02 Sep 2022 11:12

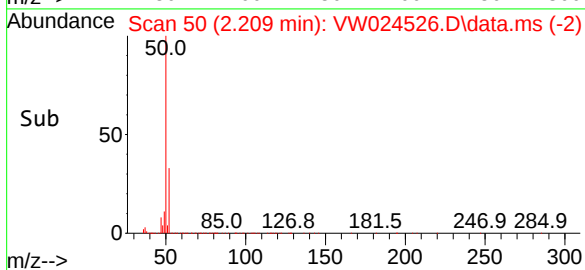
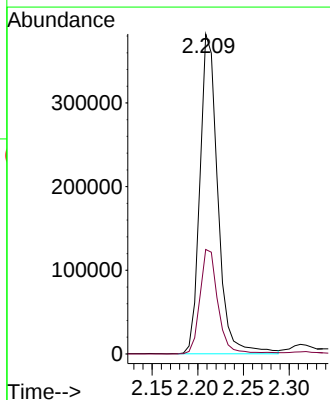
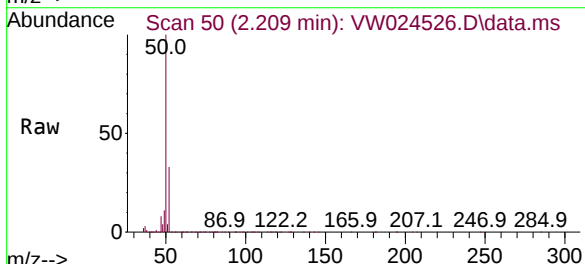
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 ClientSampleId :
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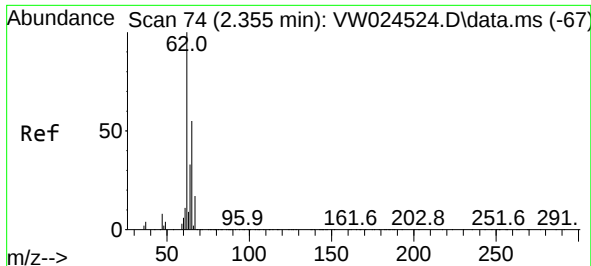
Tgt Ion: 85 Resp: 155489
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.6



#3
 Chloromethane
 Concen: 91.318 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW024526.D
 Acq: 02 Sep 2022 11:12

Tgt Ion: 50 Resp: 520175
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1

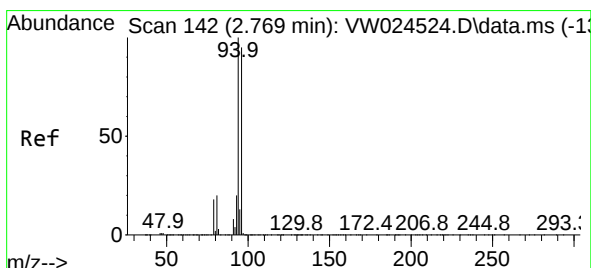
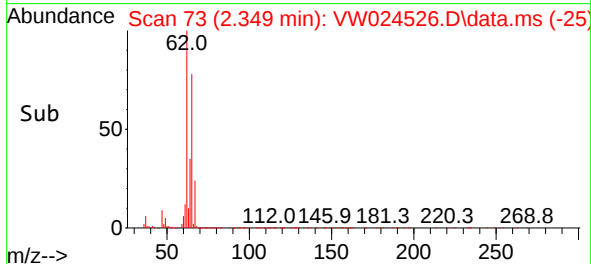
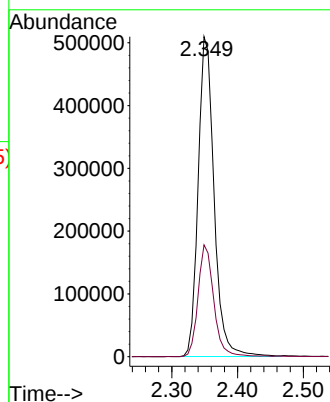
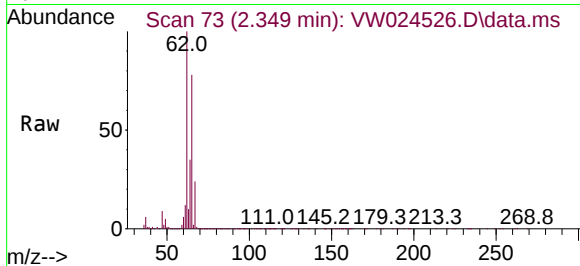




#5
 Vinyl chloride
 Concen: 85.095 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024526.D
 Acq: 02 Sep 2022 11:12

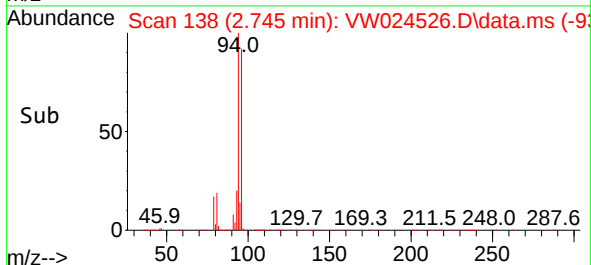
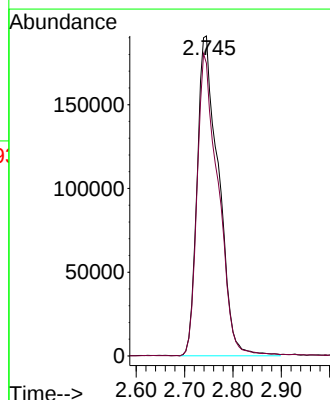
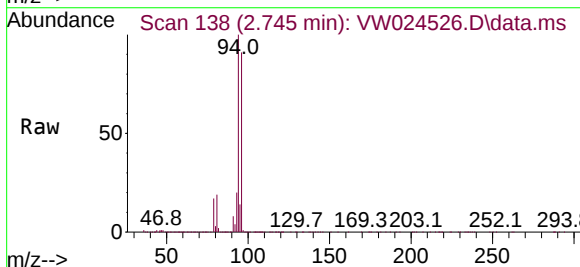
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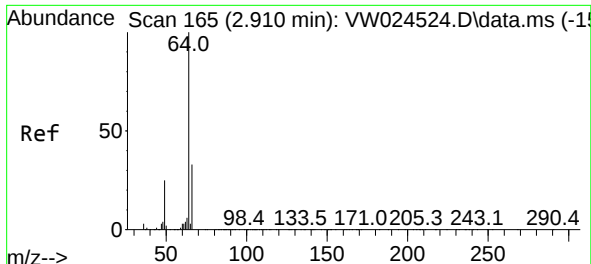
Tgt Ion: 62 Resp: 857168
 Ion Ratio Lower Upper
 62 100
 64 35.0 22.9 42.5



#6
 Bromomethane
 Concen: 85.244 ug/L
 RT: 2.745 min Scan# 138
 Delta R.T. -0.024 min
 Lab File: VW024526.D
 Acq: 02 Sep 2022 11:12

Tgt Ion: 94 Resp: 584611
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.8 124.2

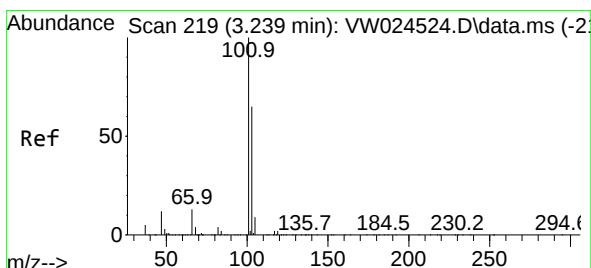
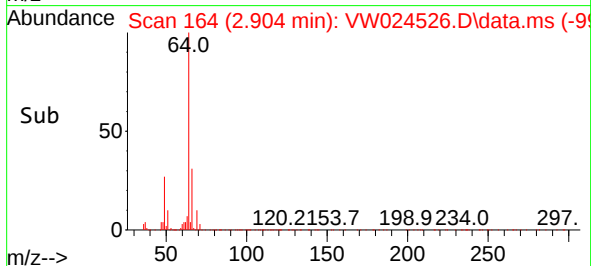
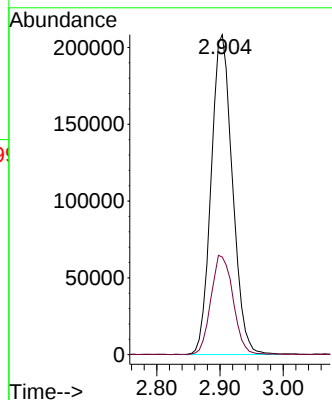
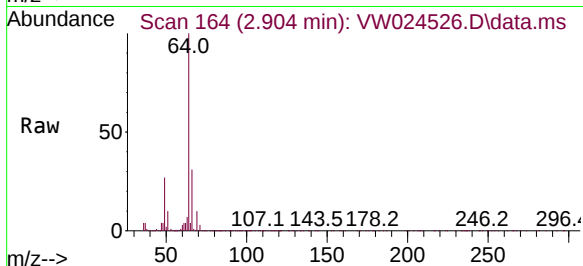




#8
Chloroethane
Concen: 91.055 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024526.D
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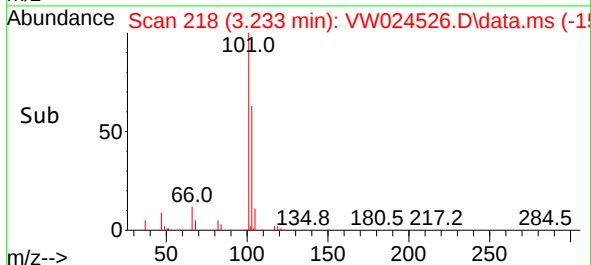
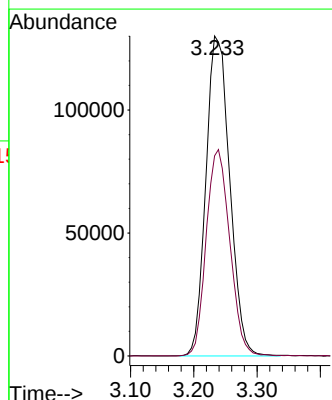
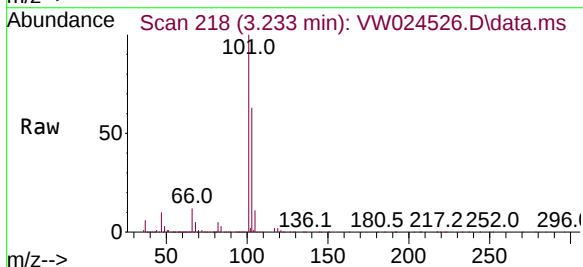
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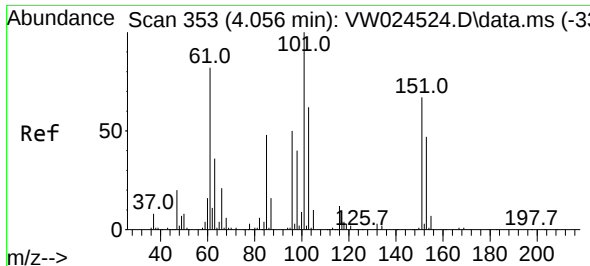
Tgt Ion: 64 Resp: 486875
Ion Ratio Lower Upper
64 100
66 30.5 23.2 43.0



#9
Trichlorofluoromethane
Concen: 89.296 ug/L
RT: 3.233 min Scan# 218
Delta R.T. -0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 101 Resp: 340664
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.6

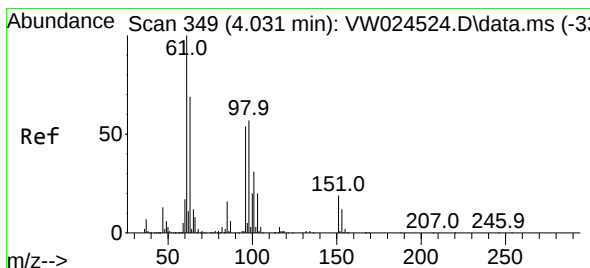
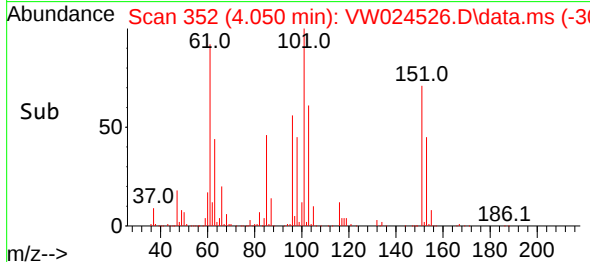
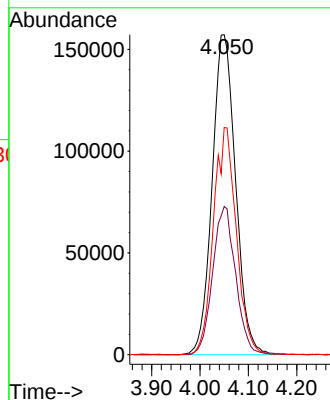
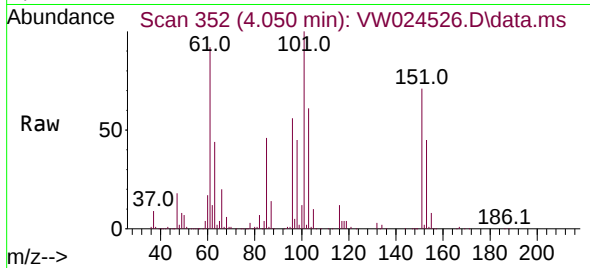




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 92.646 ug/L
 RT: 4.050 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW024526.D
 Acq: 02 Sep 2022 11:12

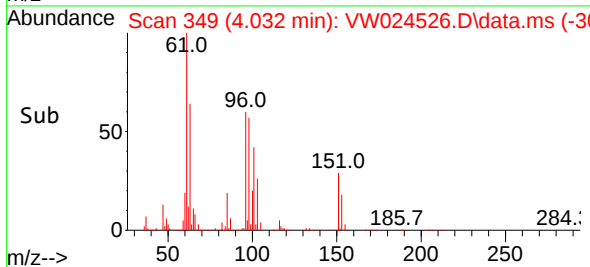
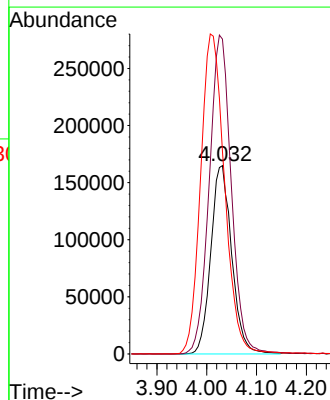
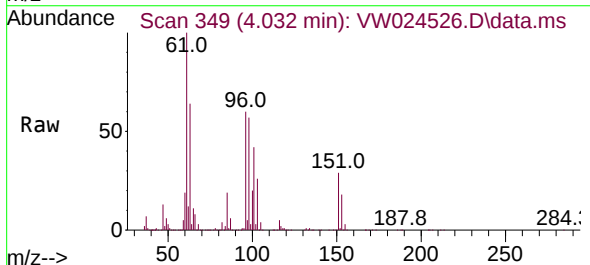
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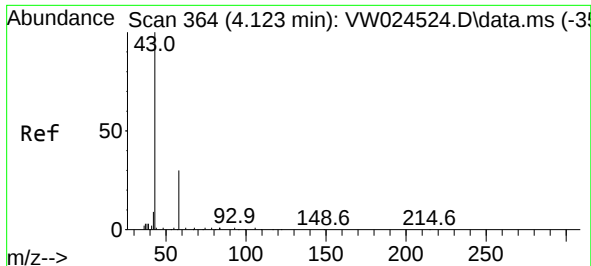
Tgt Ion:101 Resp: 529944
 Ion Ratio Lower Upper
 101 100
 85 45.2 37.1 55.7
 151 69.2 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 95.374 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024526.D
 Acq: 02 Sep 2022 11:12

Tgt Ion: 96 Resp: 480925
 Ion Ratio Lower Upper
 96 100
 61 167.3 129.1 239.8
 63 107.6 90.2 167.4

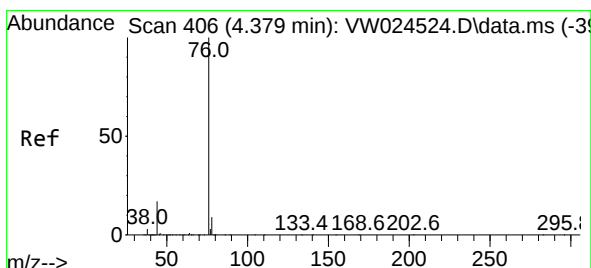
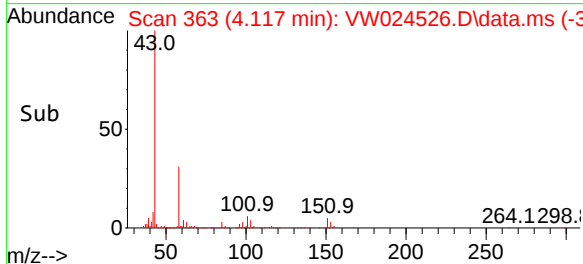
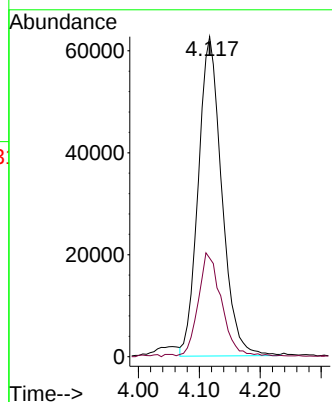
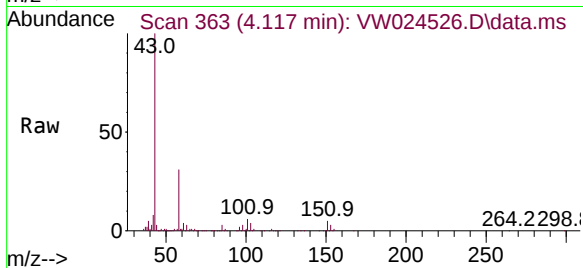




#13
Acetone
Concen: 167.498 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024526.D
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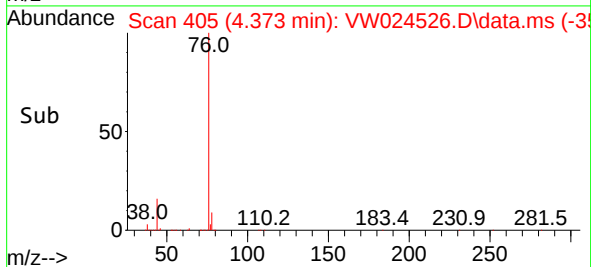
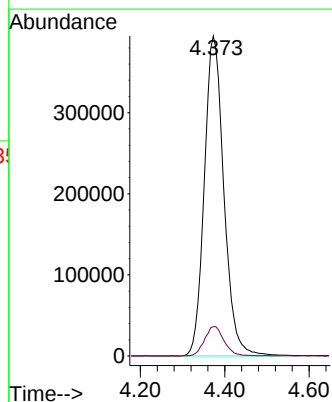
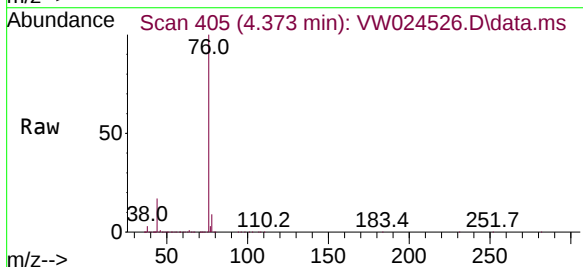
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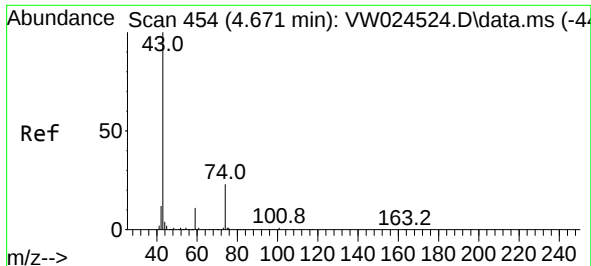
Tgt Ion: 43 Resp: 167840
Ion Ratio Lower Upper
43 100
58 31.9 0.0 59.8



#14
Carbon disulfide
Concen: 91.678 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 76 Resp: 1273279
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

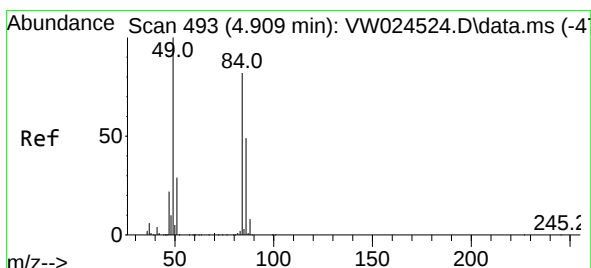
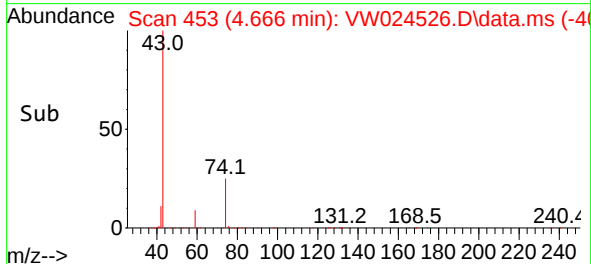
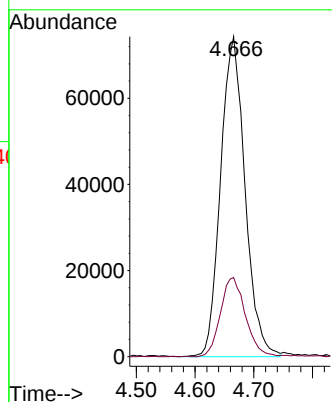
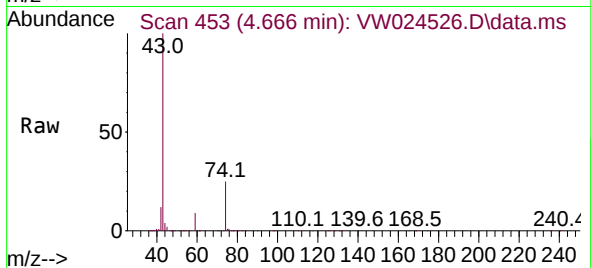




#15
Methyl Acetate
Concen: 94.154 ug/L
RT: 4.666 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

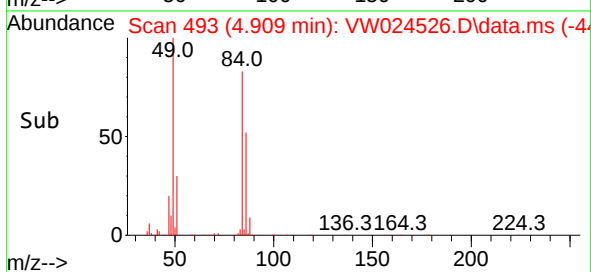
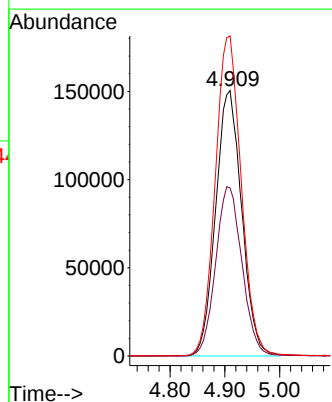
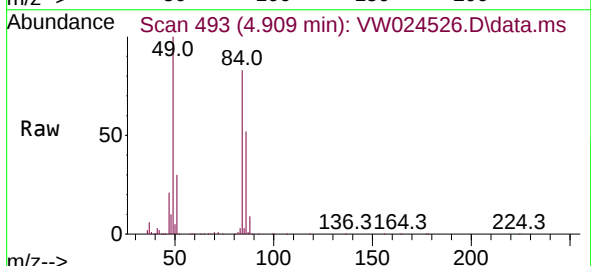
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

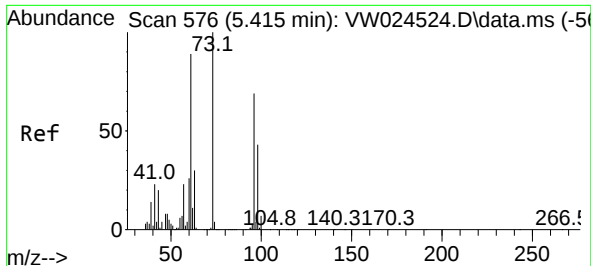
Tgt Ion: 43 Resp: 214499
Ion Ratio Lower Upper
43 100
74 25.2 19.5 29.3



#16
Methylene chloride
Concen: 85.830 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 84 Resp: 497049
Ion Ratio Lower Upper
84 100
86 63.3 42.1 78.1
49 120.5 85.5 158.9

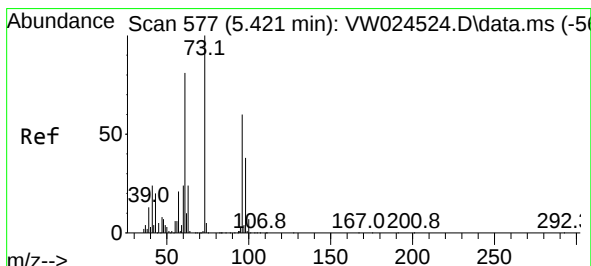
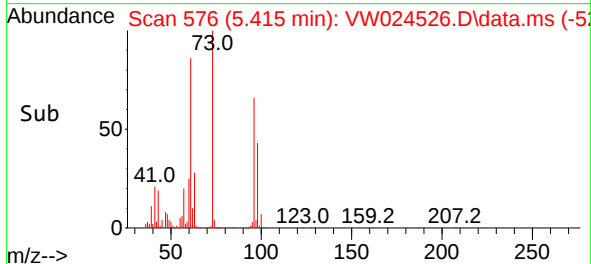
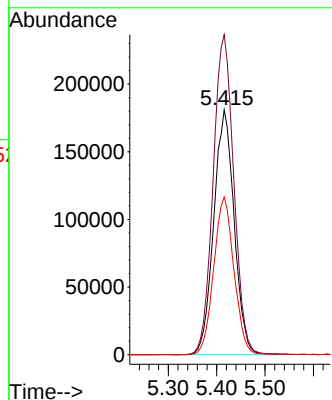
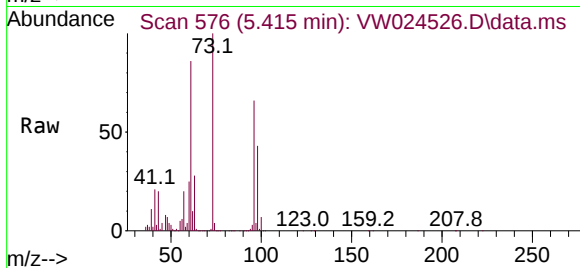




#17
trans-1,2-Dichloroethene
Concen: 94.926 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

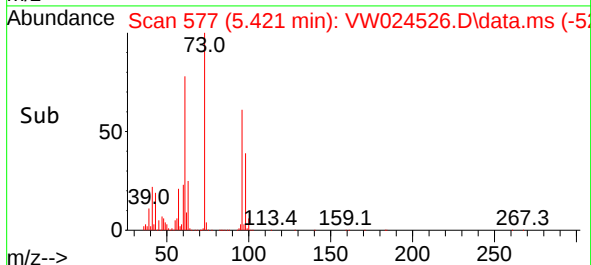
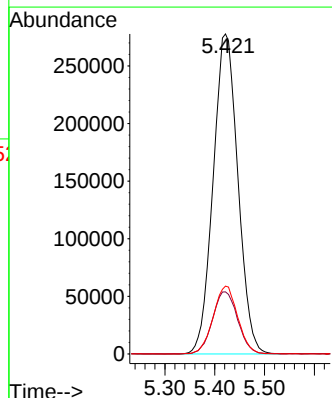
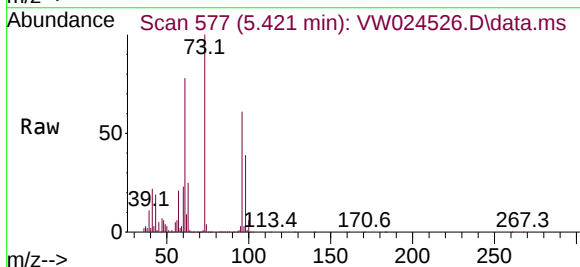
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

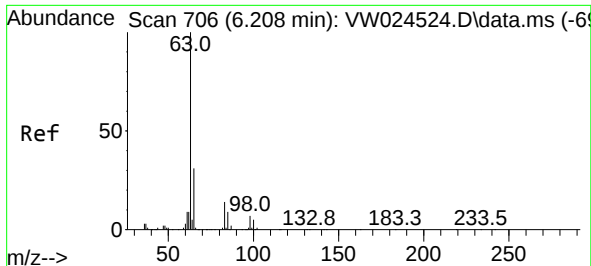
Tgt Ion: 96 Resp: 531891
Ion Ratio Lower Upper
96 100
61 130.7 90.0 167.2
98 64.4 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 98.766 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 73 Resp: 958647
Ion Ratio Lower Upper
73 100
43 19.7 16.3 24.5
57 21.0 17.3 25.9





#19

1,1-Dichloroethane

Concen: 92.616 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

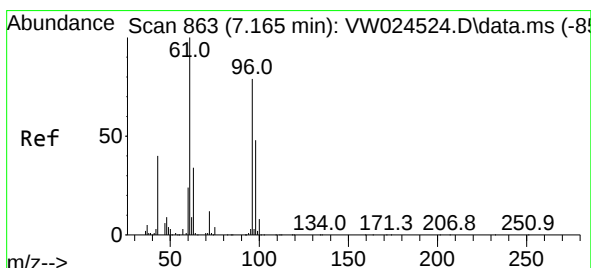
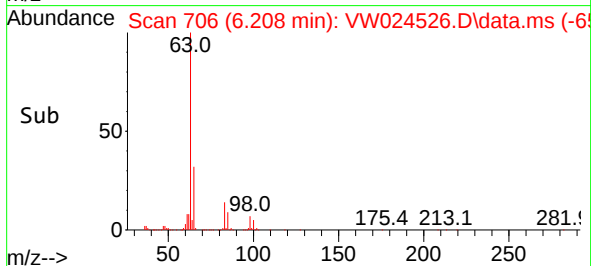
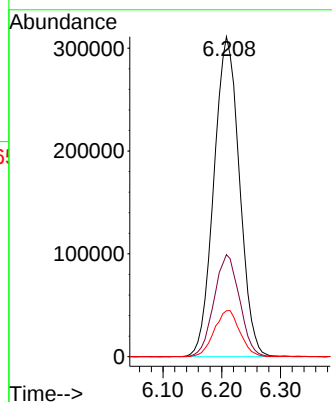
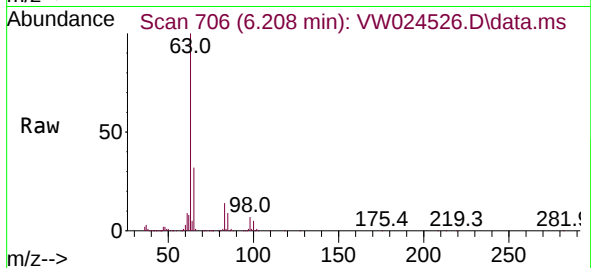
Tgt Ion: 63 Resp: 939791

Ion Ratio Lower Upper

63 100

65 31.9 21.5 39.9

83 14.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 97.544 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

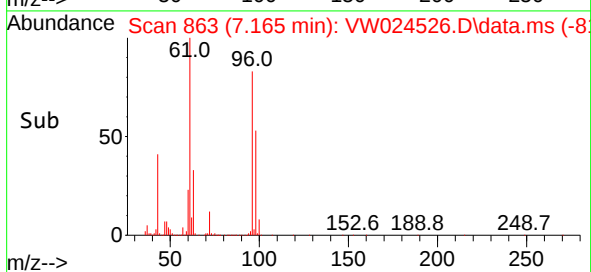
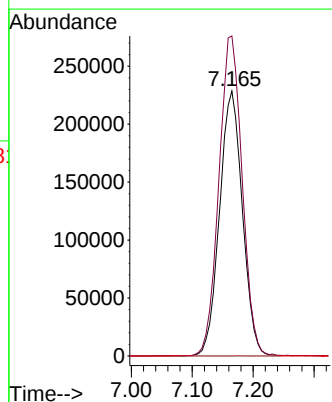
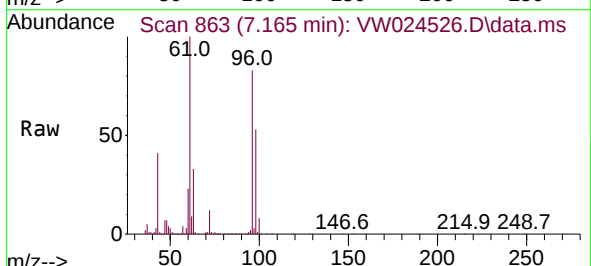
Tgt Ion: 96 Resp: 594966

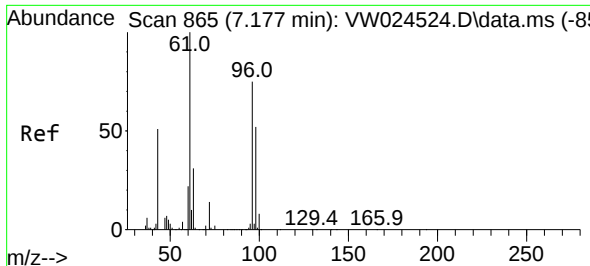
Ion Ratio Lower Upper

96 100

61 120.7 88.9 165.1

68 0.0 0.0 0.0

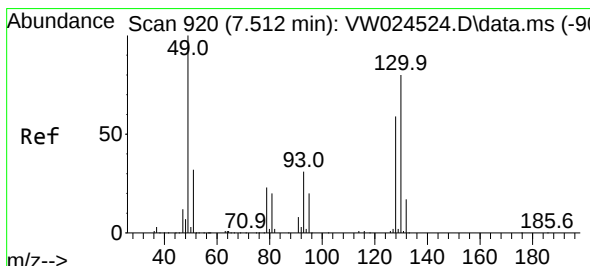
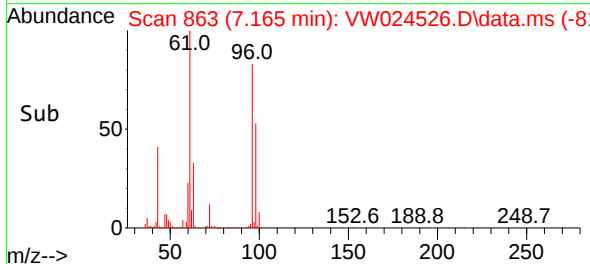
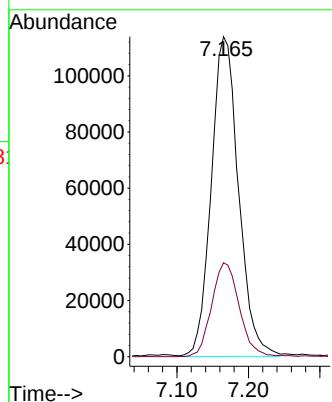
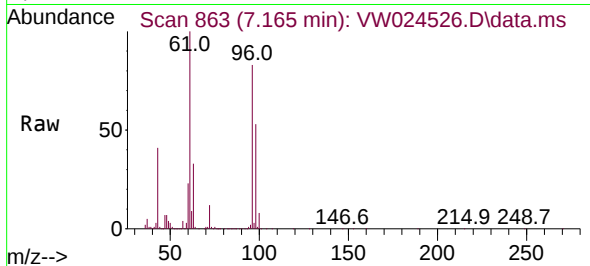




#22
2-Butanone
Concen: 185.577 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

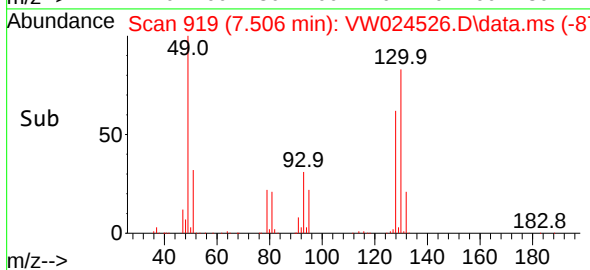
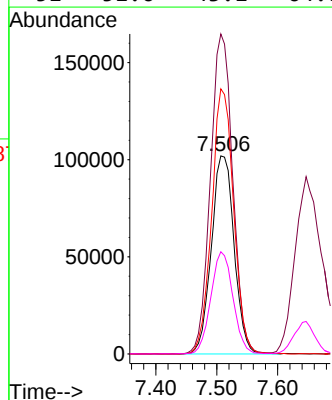
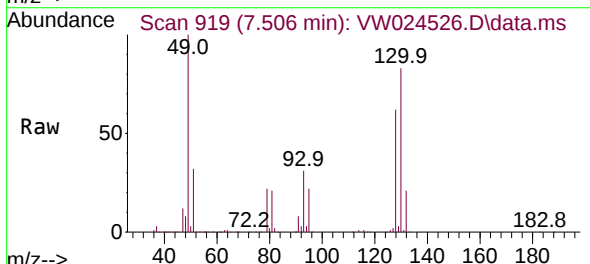
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

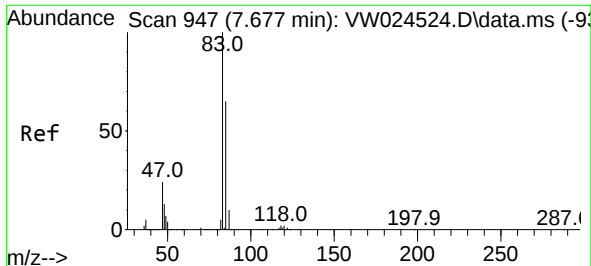
Tgt Ion: 43 Resp: 302013
Ion Ratio Lower Upper
43 100
72 29.5 14.5 43.6



#23
Bromochloromethane
Concen: 93.547 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 128 Resp: 264724
Ion Ratio Lower Upper
128 100
49 161.5 118.2 219.6
130 133.8 94.8 176.2
51 51.6 43.1 64.7

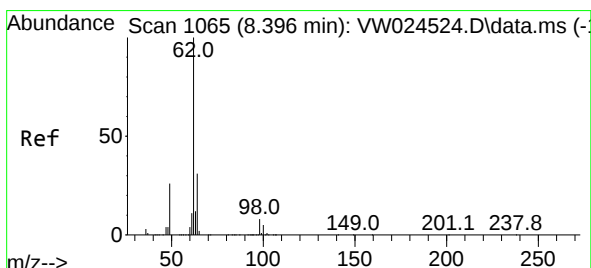
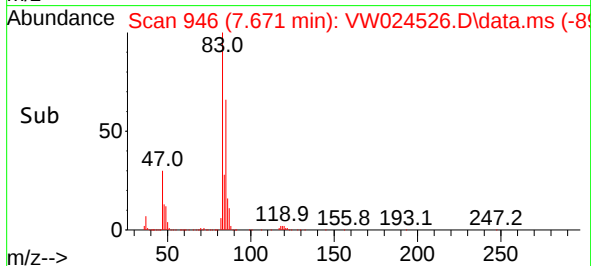
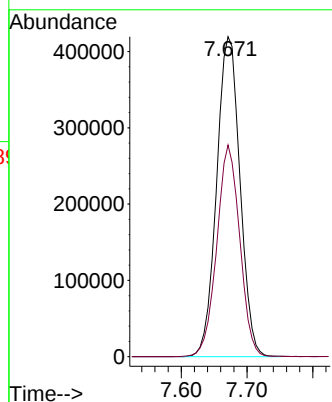
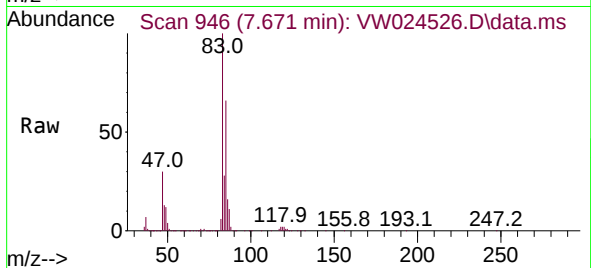




#25
Chloroform
Concen: 92.968 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

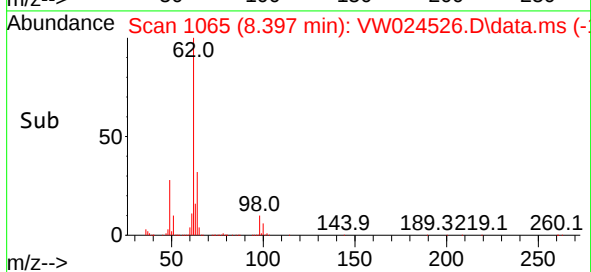
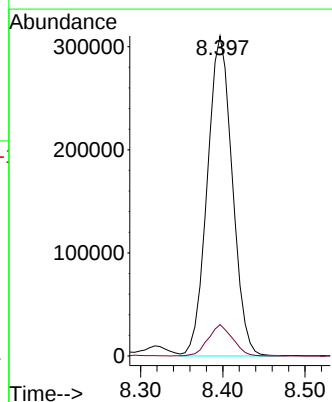
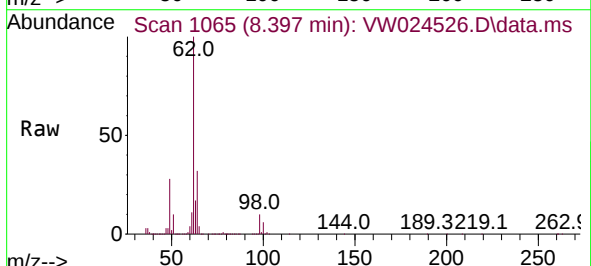
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

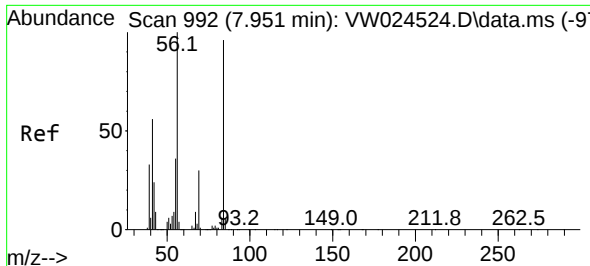
Tgt Ion: 83 Resp: 1035717
Ion Ratio Lower Upper
83 100
85 66.1 45.6 84.8



#27
1,2-Dichloroethane
Concen: 89.578 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 62 Resp: 655508
Ion Ratio Lower Upper
62 100
98 9.8 6.7 10.1

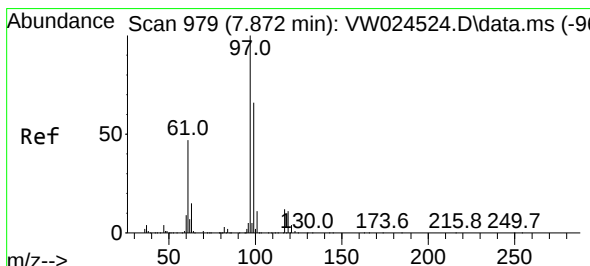
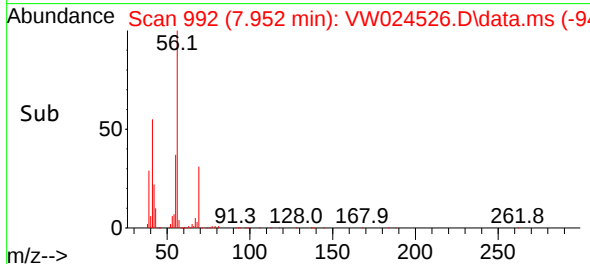
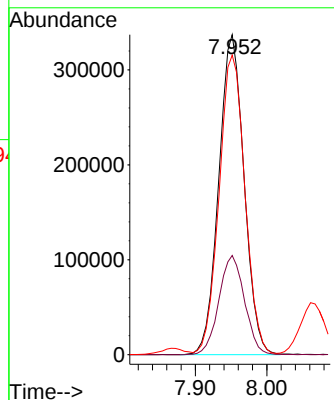
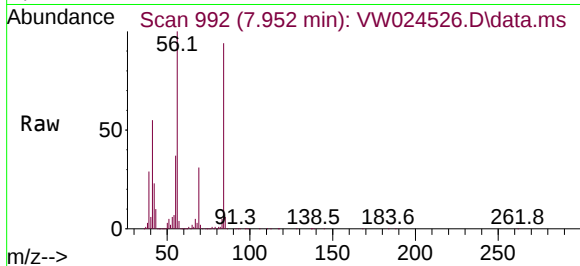




#29
Cyclohexane
Concen: 97.841 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

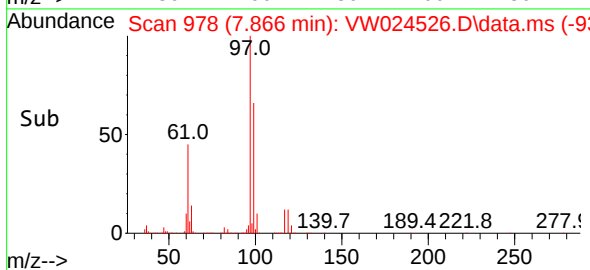
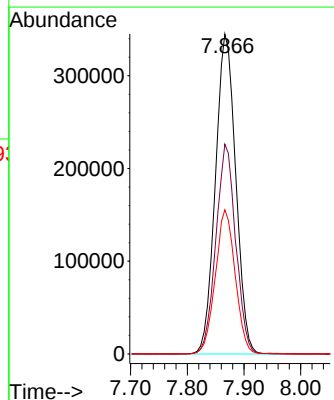
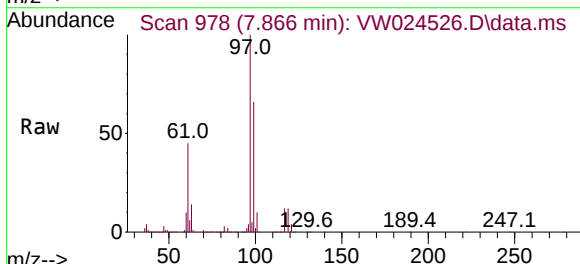
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

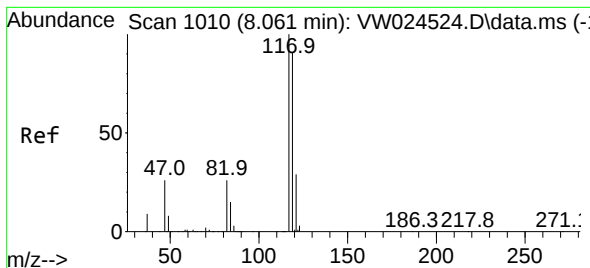
Tgt Ion: 56 Resp: 826603
Ion Ratio Lower Upper
56 100
69 31.4 24.8 37.2
84 95.4 77.3 115.9



#30
1,1,1-Trichloroethane
Concen: 93.433 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 97 Resp: 859956
Ion Ratio Lower Upper
97 100
99 64.0 52.5 78.7
61 44.0 37.9 56.9





#31

Carbon tetrachloride

Concen: 95.462 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

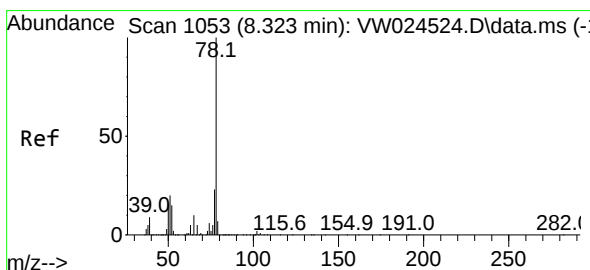
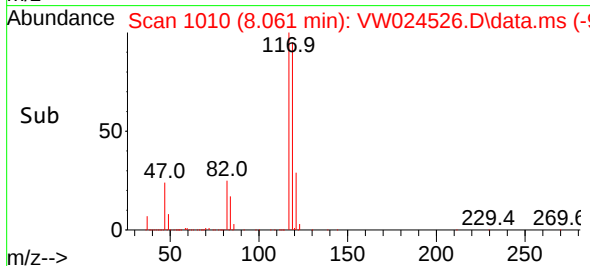
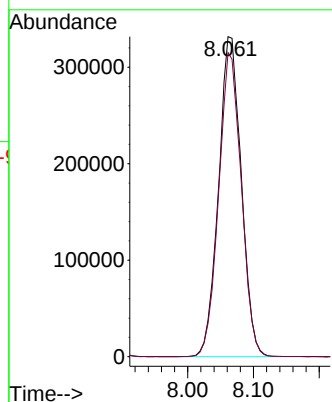
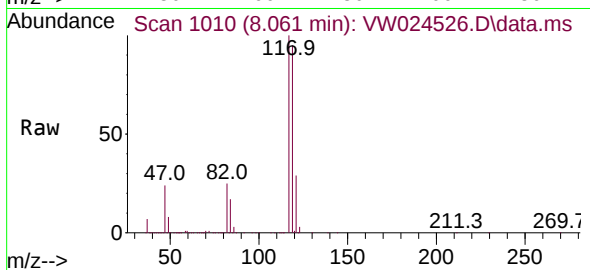
VSTD100429

Tgt Ion:117 Resp: 796674

Ion Ratio Lower Upper

117 100

119 94.3 78.1 117.1



#33

Benzene

Concen: 89.946 ug/L

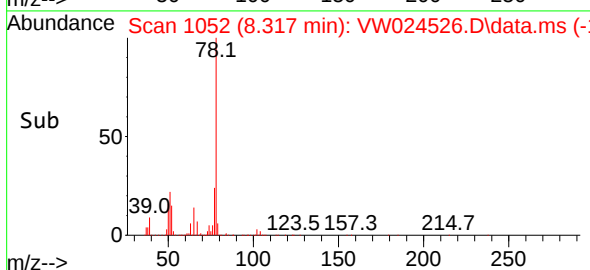
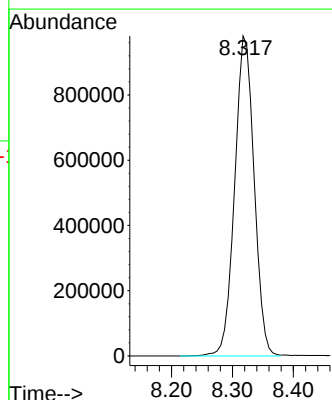
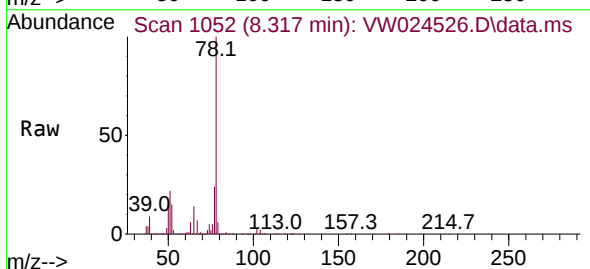
RT: 8.317 min Scan# 1052

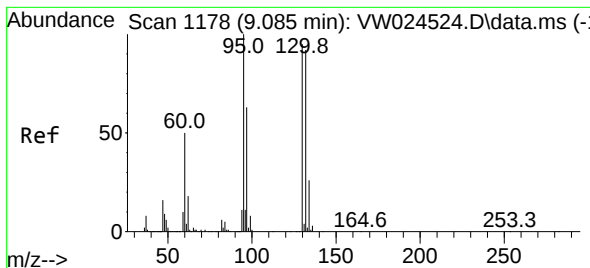
Delta R.T. -0.006 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Tgt Ion: 78 Resp: 2176365





#34

Trichloroethene

Concen: 91.194 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

Tgt Ion: 95 Resp: 585705

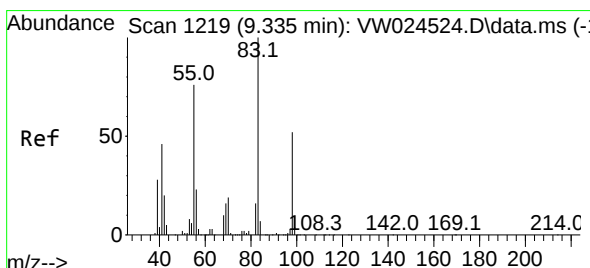
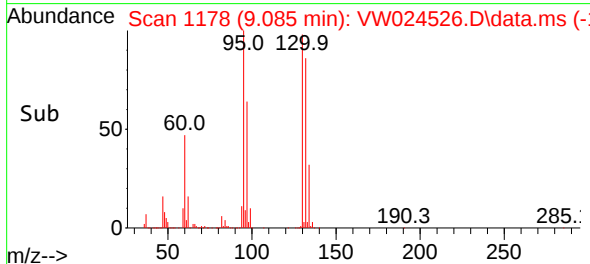
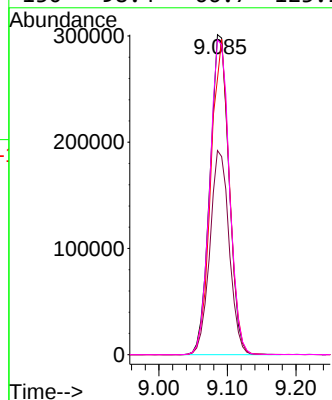
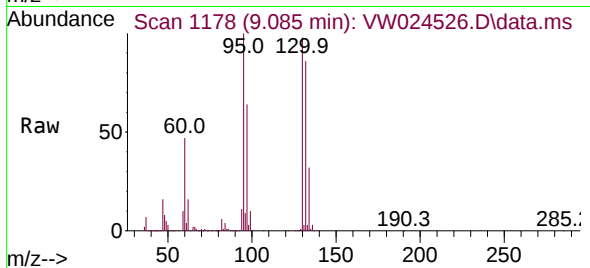
Ion Ratio Lower Upper

95 100

97 63.8 44.2 82.2

132 86.3 64.5 119.7

130 98.4 66.7 123.9



#35

Methylcyclohexane

Concen: 95.507 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

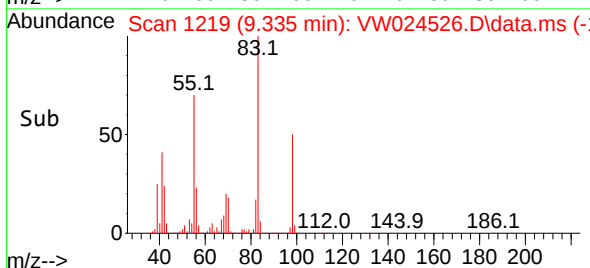
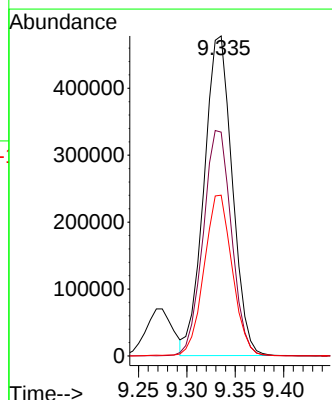
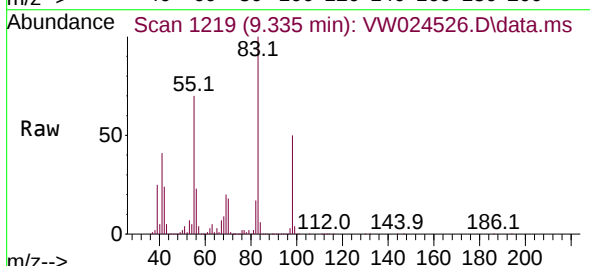
Tgt Ion: 83 Resp: 970691

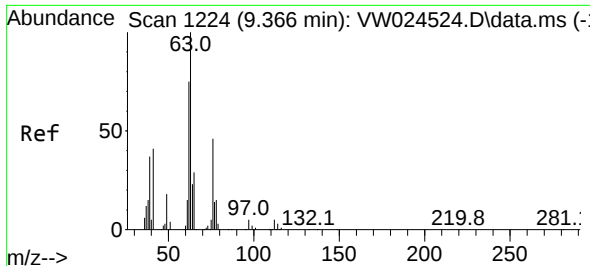
Ion Ratio Lower Upper

83 100

55 70.9 58.9 88.3

98 50.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 91.279 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

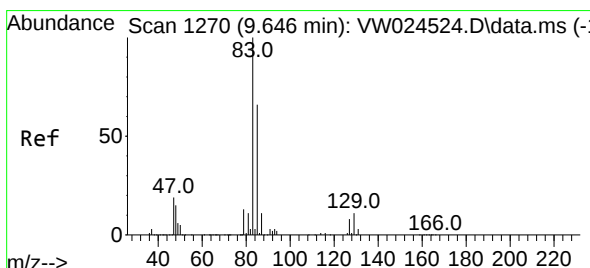
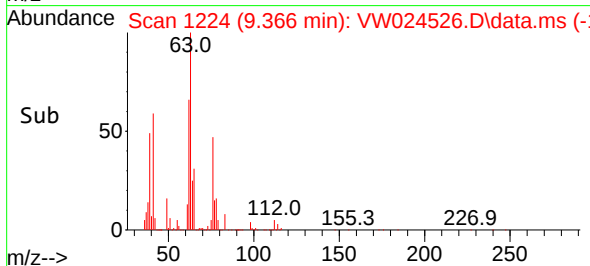
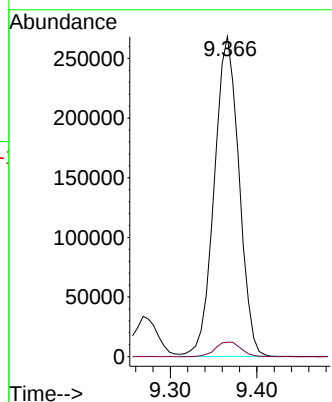
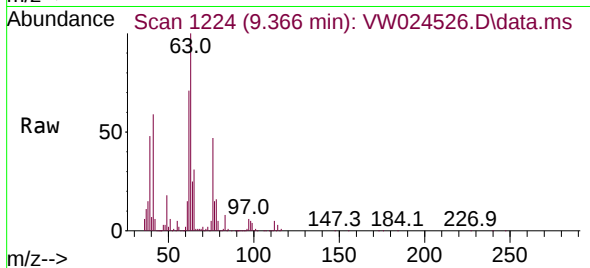
VSTD100429

Tgt Ion: 63 Resp: 532207

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 94.045 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

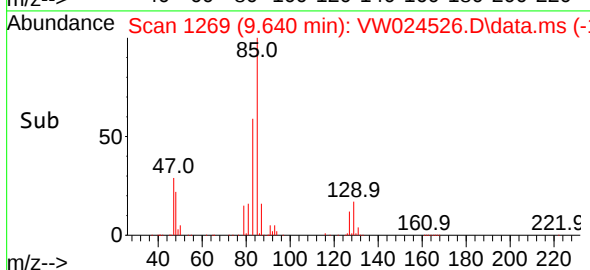
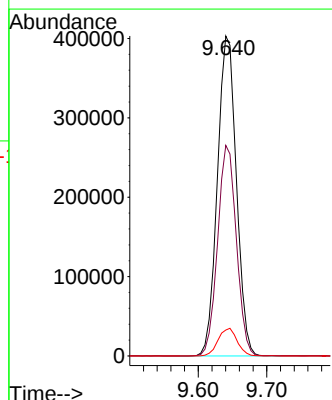
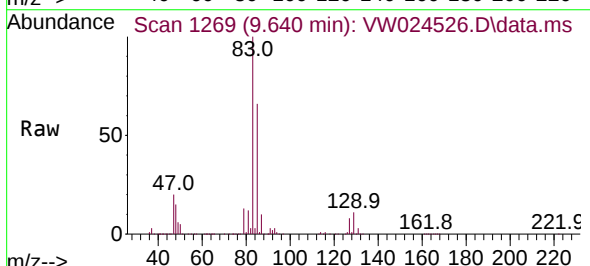
Tgt Ion: 83 Resp: 775107

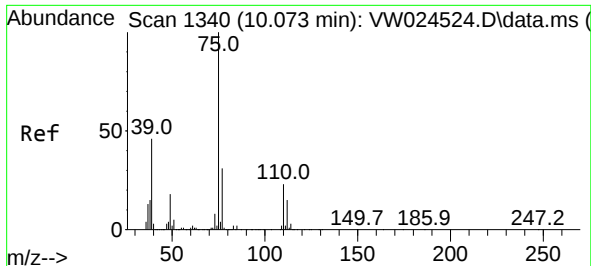
Ion Ratio Lower Upper

83 100

85 65.8 46.3 85.9

127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 101.858 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

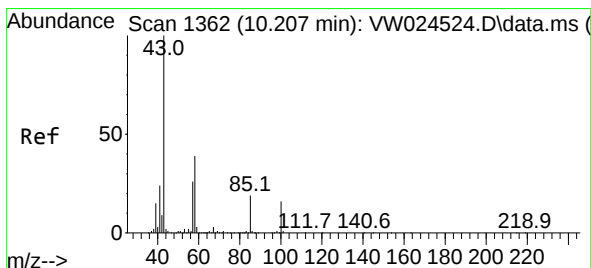
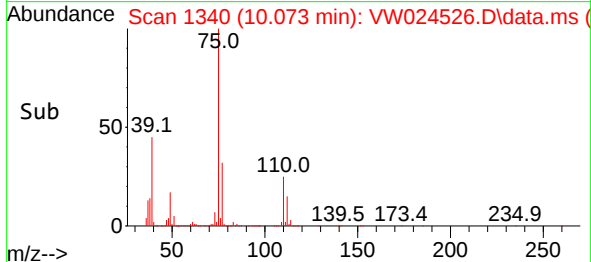
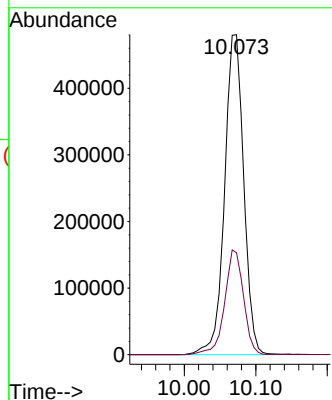
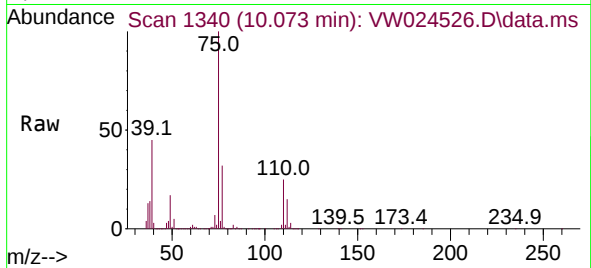
VSTD100429

Tgt Ion: 75 Resp: 894133

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 195.489 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

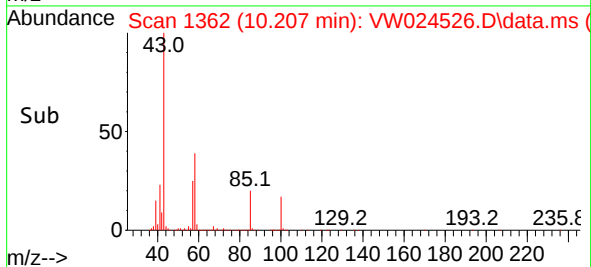
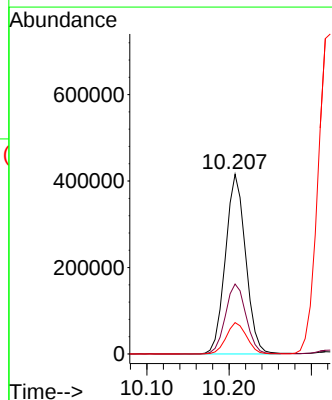
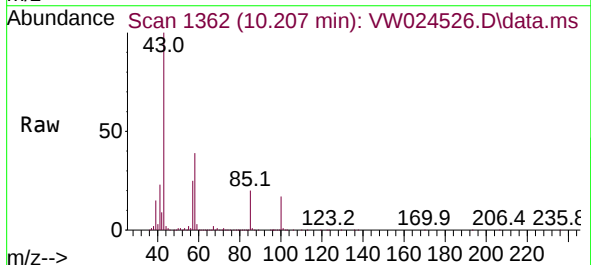
Tgt Ion: 43 Resp: 708855

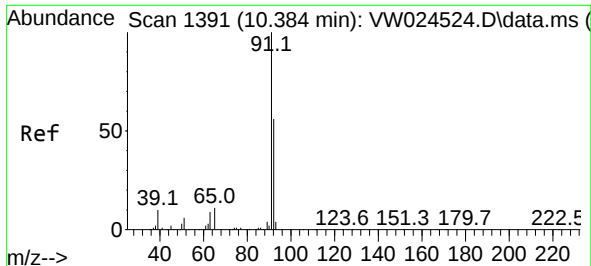
Ion Ratio Lower Upper

43 100

58 39.7 31.8 47.8

100 17.5 13.5 20.3

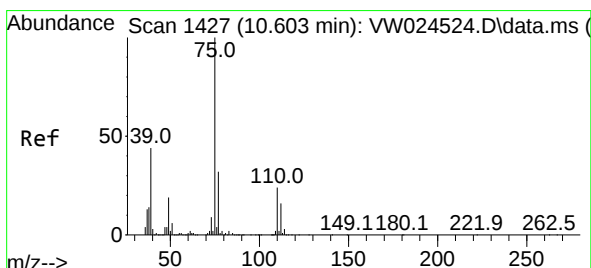
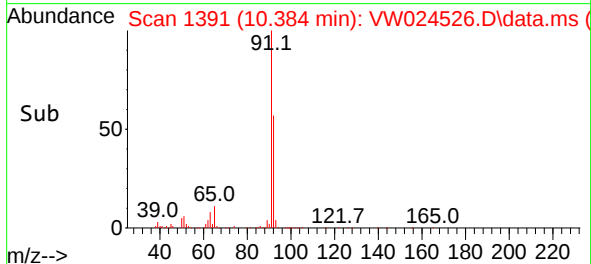
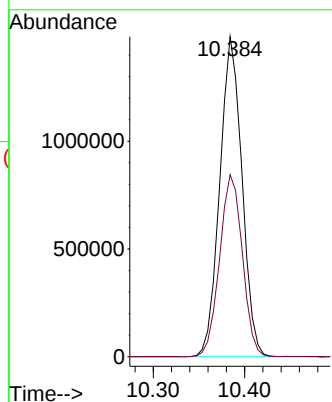
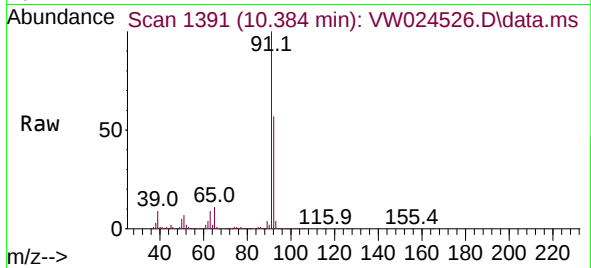




#42
Toluene
Concen: 95.066 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

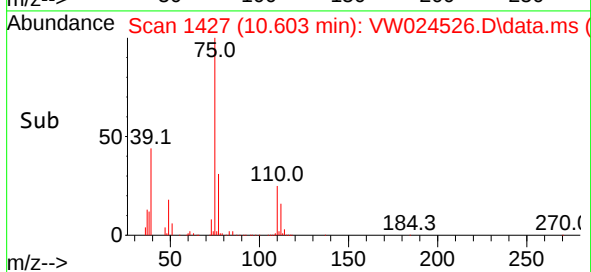
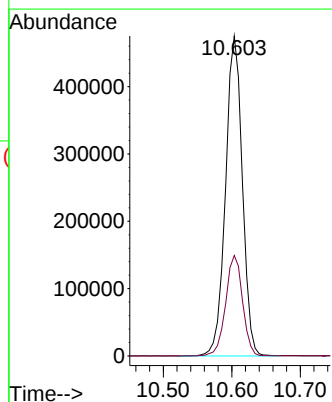
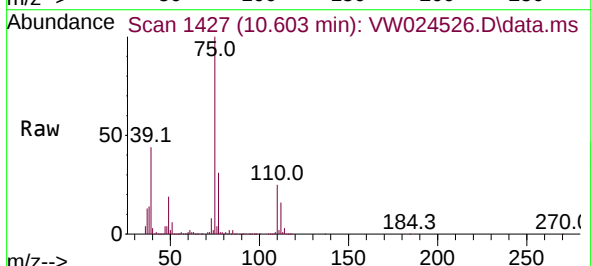
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

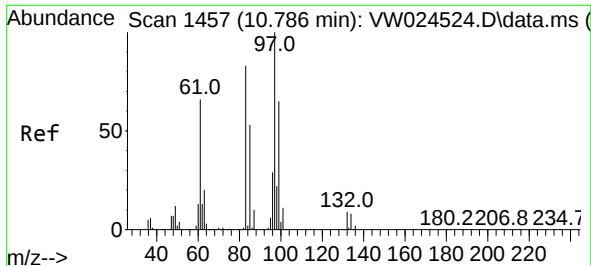
Tgt Ion: 91 Resp: 2504767
Ion Ratio Lower Upper
91 100
92 56.9 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 102.424 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 75 Resp: 806501
Ion Ratio Lower Upper
75 100
77 31.4 22.3 41.5



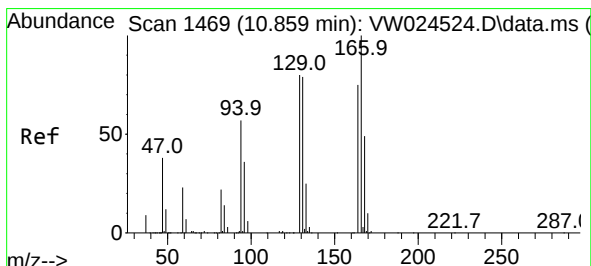
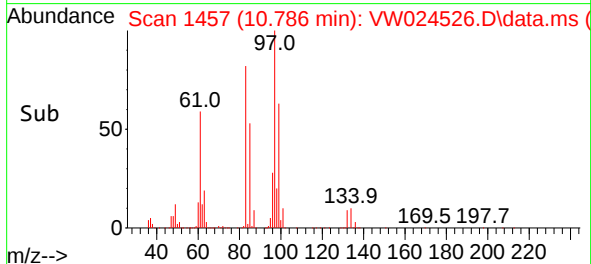
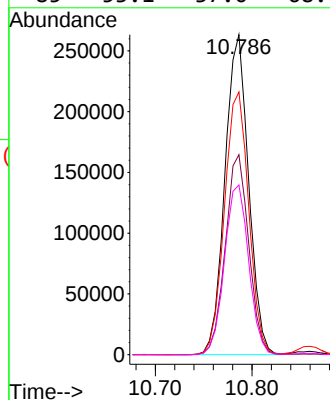
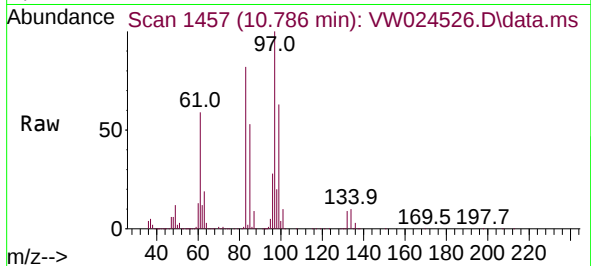


#45
1,1,2-Trichloroethane
Concen: 92.046 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

Tgt Ion: 97 Resp: 448087

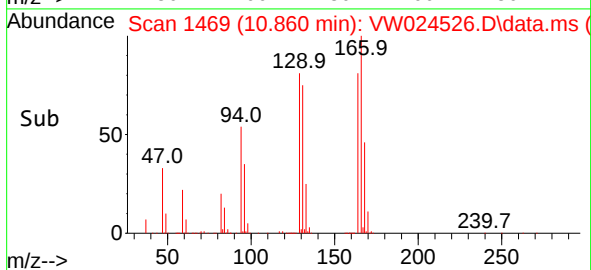
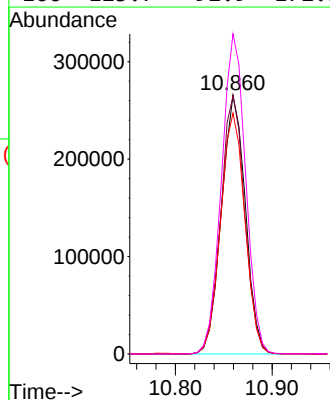
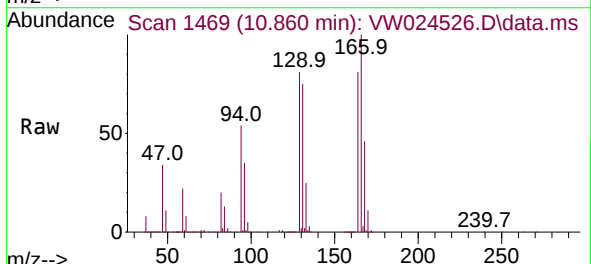
Ion	Ratio	Lower	Upper
97	100		
99	62.5	45.7	84.9
83	82.1	58.5	108.7
85	53.1	37.0	68.6

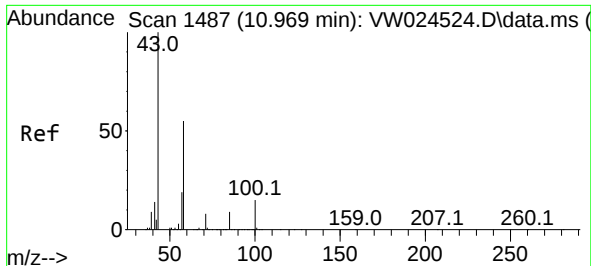


#46
Tetrachloroethene
Concen: 96.957 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 164 Resp: 455075

Ion	Ratio	Lower	Upper
164	100		
129	99.7	74.9	139.1
131	93.1	73.6	136.6
166	123.7	92.9	172.5



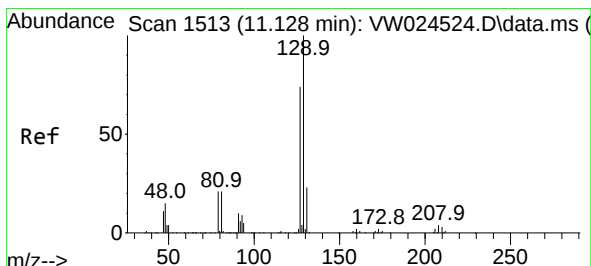
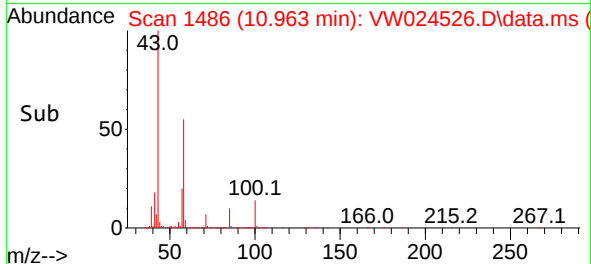
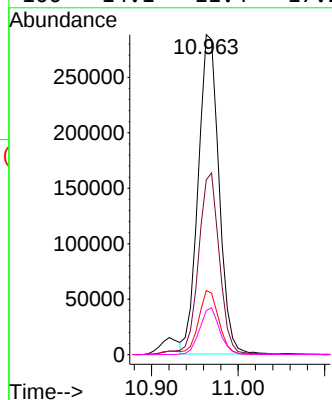
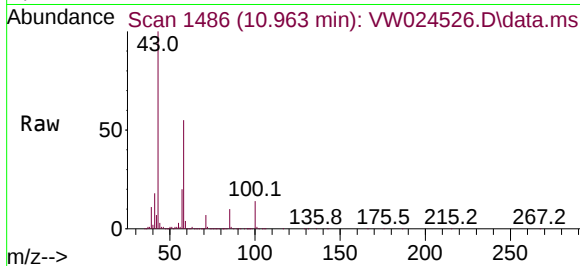


#48
2-Hexanone
Concen: 203.280 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

Tgt Ion: 43 Resp: 480296

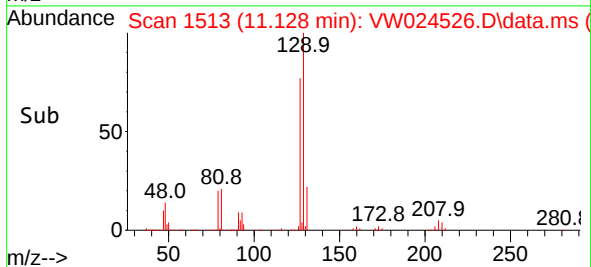
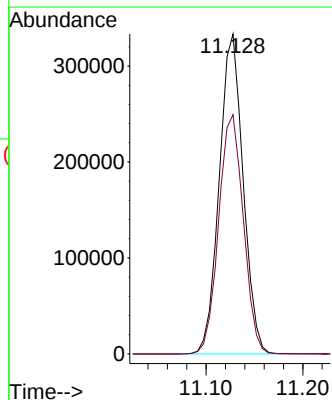
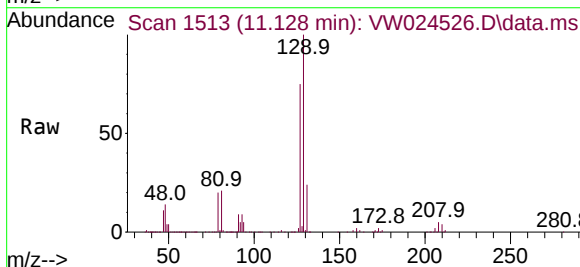
Ion	Ratio	Lower	Upper
43	100		
58	56.8	44.2	66.2
57	19.6	15.5	23.3
100	14.1	11.4	17.2

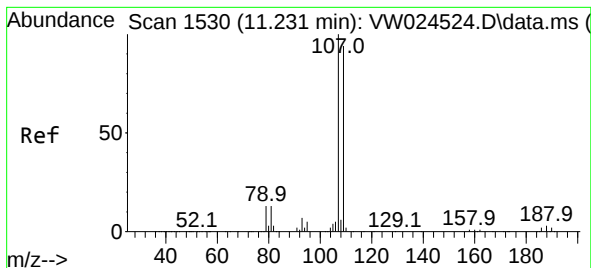


#49
Dibromochloromethane
Concen: 99.752 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 129 Resp: 570580

Ion	Ratio	Lower	Upper
129	100		
127	74.8	51.7	96.1





#50

1,2-Dibromoethane

Concen: 93.991 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

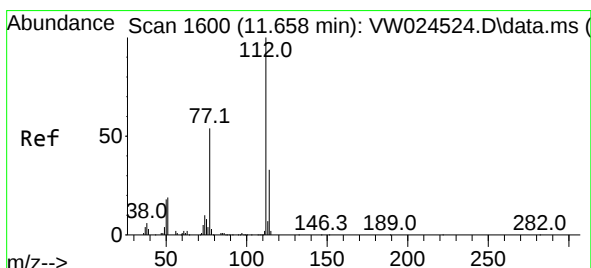
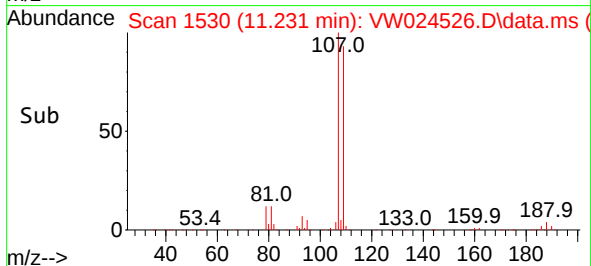
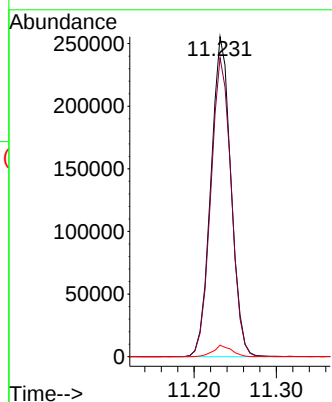
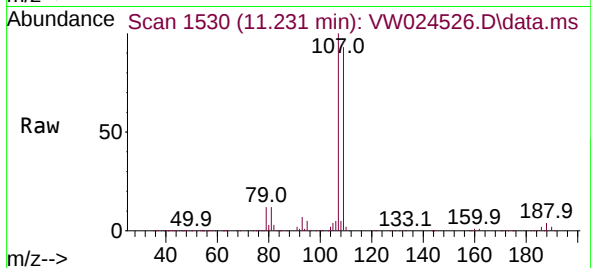
Tgt Ion:107 Resp: 433331

Ion Ratio Lower Upper

107 100

109 93.4 65.9 122.5

188 3.6 2.5 3.7



#51

Chlorobenzene

Concen: 93.212 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

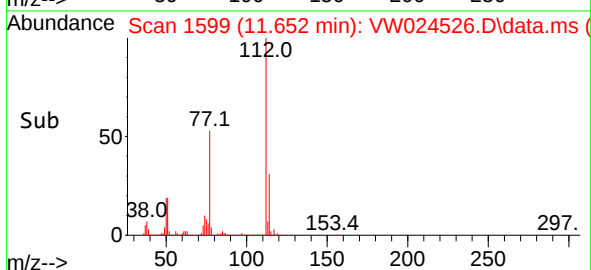
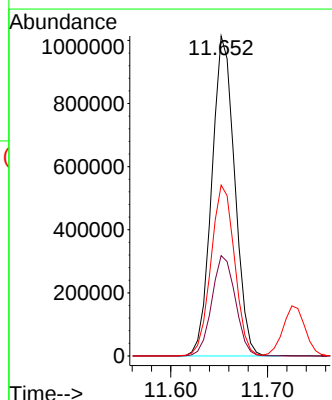
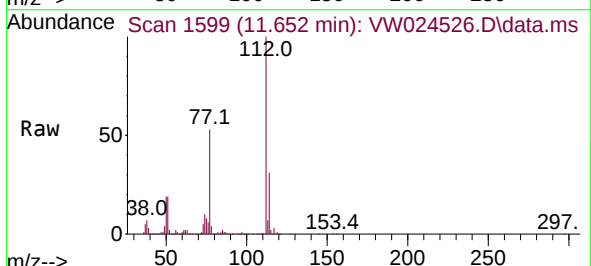
Tgt Ion:112 Resp: 1666669

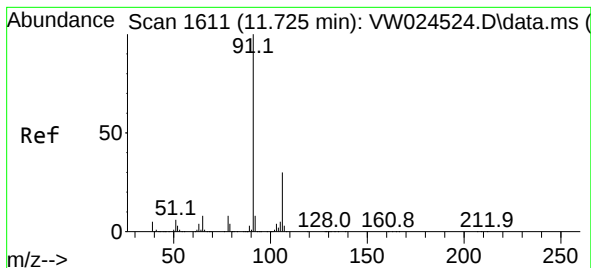
Ion Ratio Lower Upper

112 100

114 31.4 22.9 42.5

77 53.4 43.5 65.3

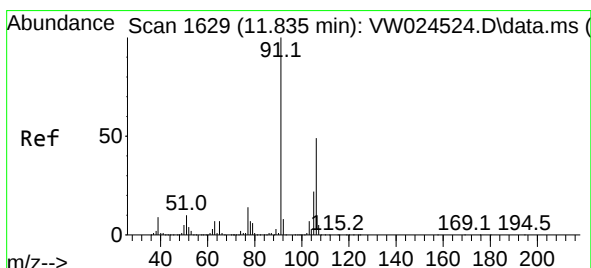
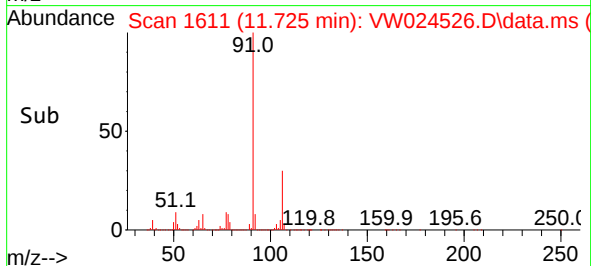
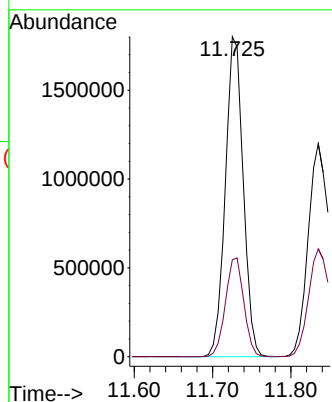
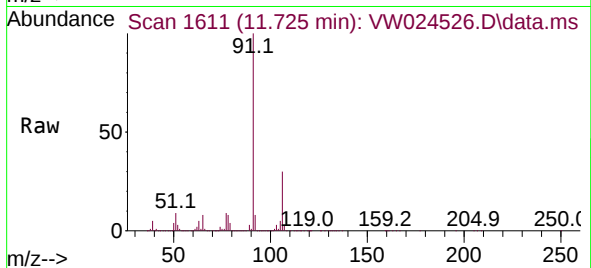




#52
Ethylbenzene
Concen: 96.925 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

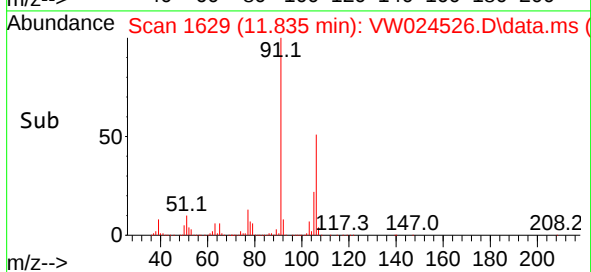
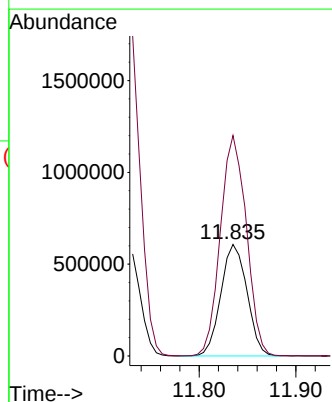
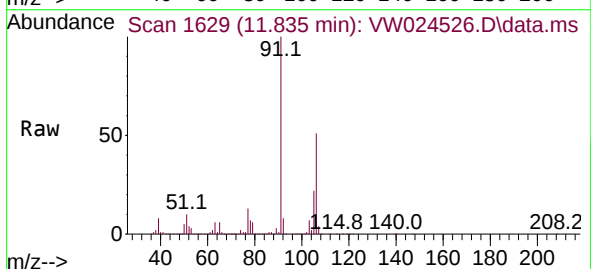
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

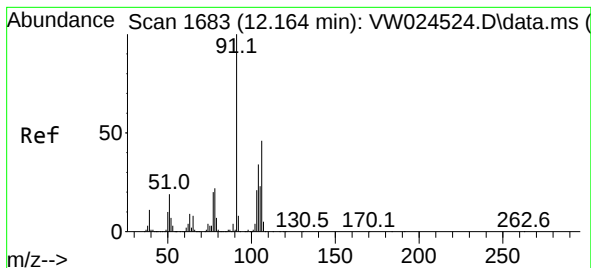
Tgt Ion: 91 Resp: 2858743
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 98.715 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion:106 Resp: 1138596
Ion Ratio Lower Upper
106 100
91 197.6 141.7 263.3

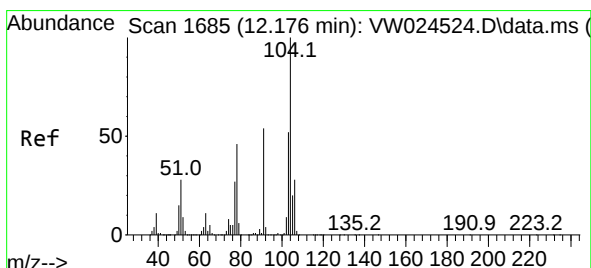
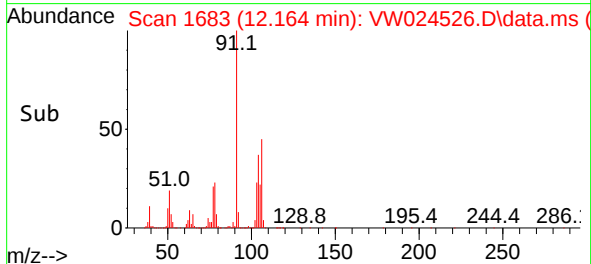
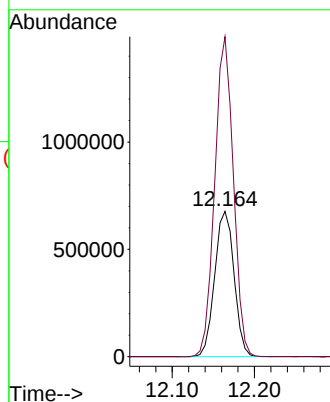
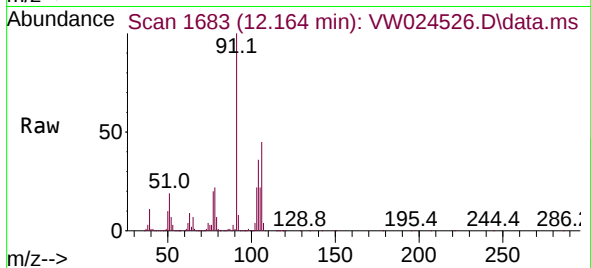




#54
o-Xylene
Concen: 100.543 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

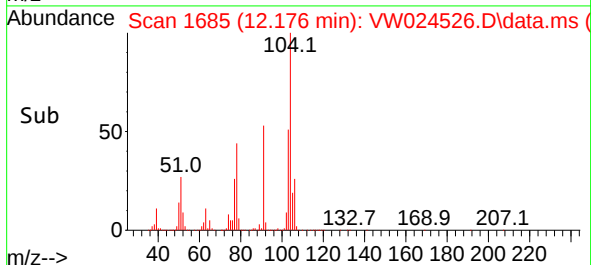
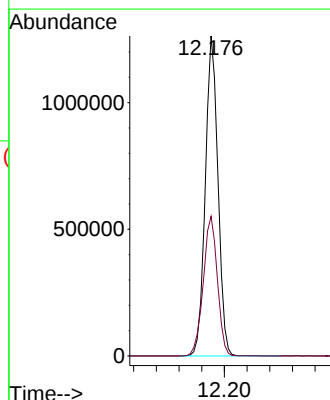
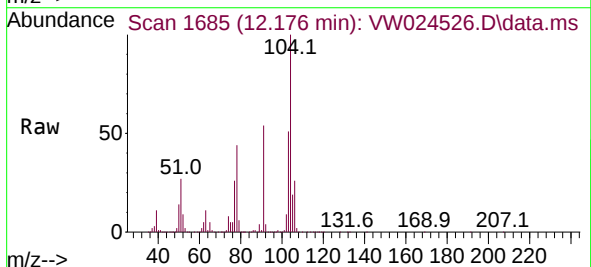
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

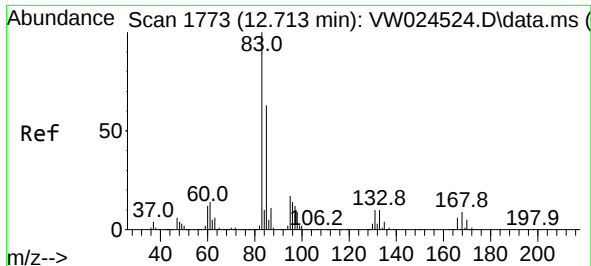
Tgt Ion:106 Resp: 1110156
Ion Ratio Lower Upper
106 100
91 220.2 153.4 284.8



#55
Styrene
Concen: 102.099 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion:104 Resp: 1958232
Ion Ratio Lower Upper
104 100
78 43.7 31.9 59.2

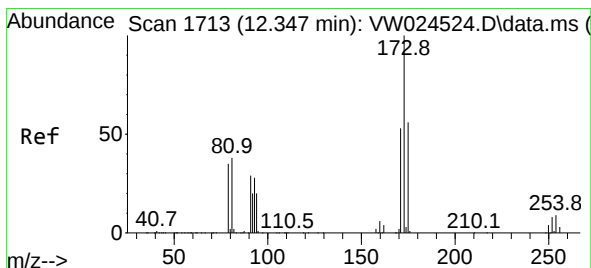
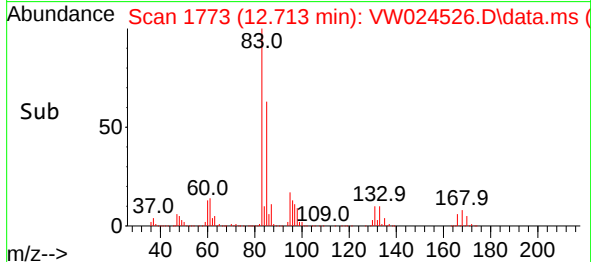
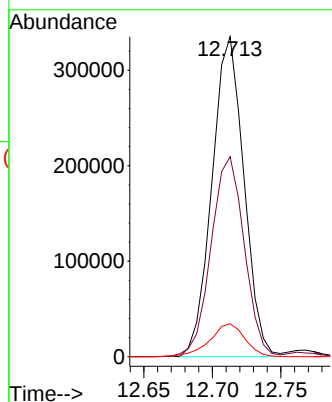
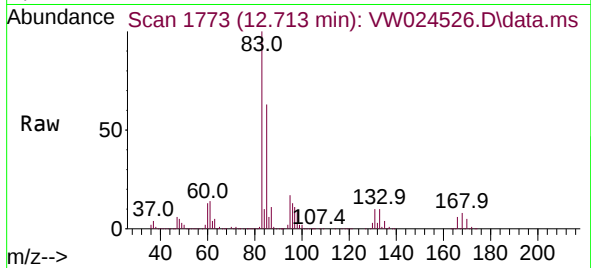




#57
1,1,2,2-Tetrachloroethane
Concen: 90.192 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

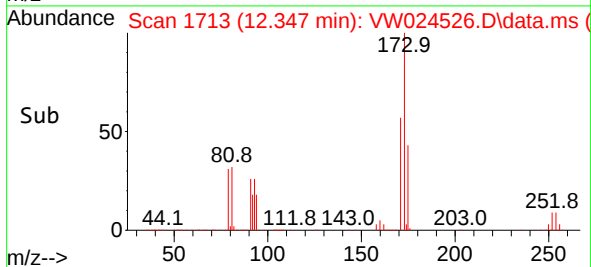
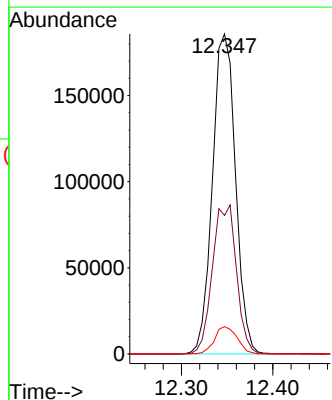
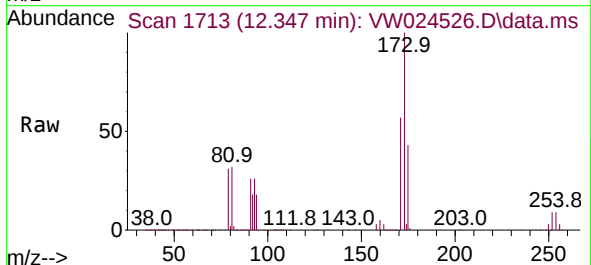
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

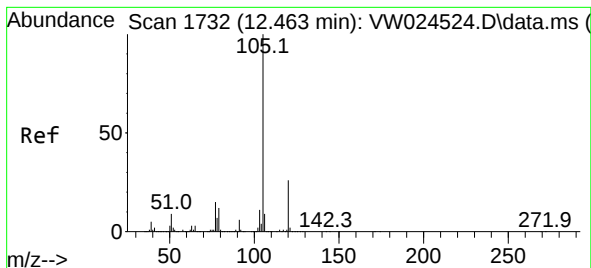
Tgt Ion: 83 Resp: 543351
Ion Ratio Lower Upper
83 100
85 62.5 43.9 81.5
131 10.3 7.9 11.9



#59
Bromoform
Concen: 104.919 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion: 173 Resp: 325601
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.6
254 8.4 6.2 9.4





#60

Isopropylbenzene

Concen: 100.274 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

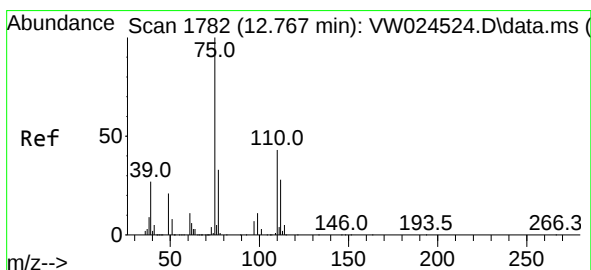
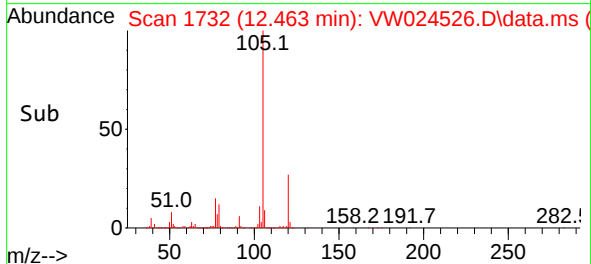
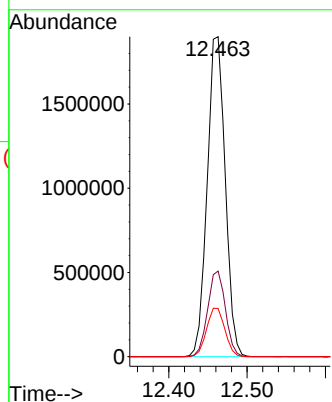
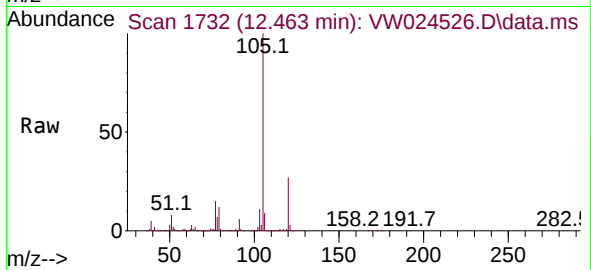
Tgt Ion:105 Resp: 3030084

Ion Ratio Lower Upper

105 100

120 26.4 21.5 32.3

77 15.4 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 89.200 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

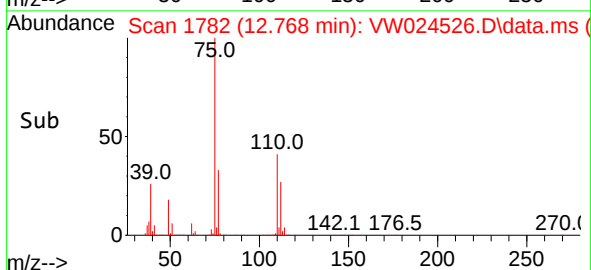
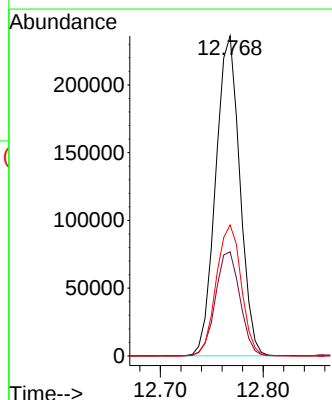
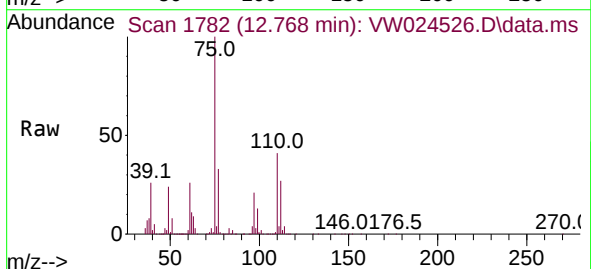
Tgt Ion: 75 Resp: 384911

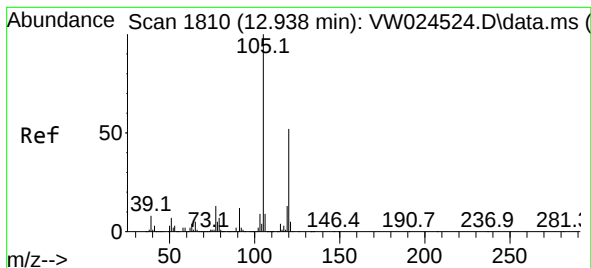
Ion Ratio Lower Upper

75 100

77 33.2 25.2 37.8

110 42.3 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 103.878 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

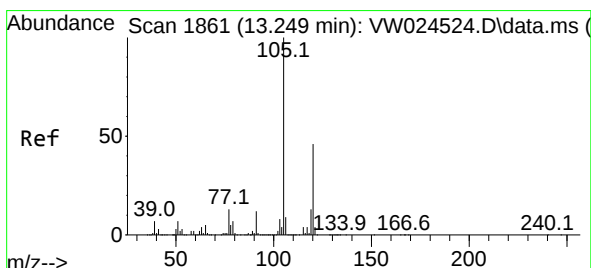
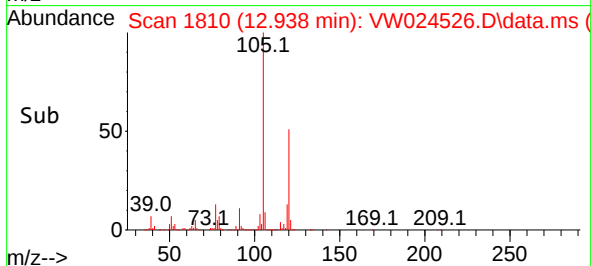
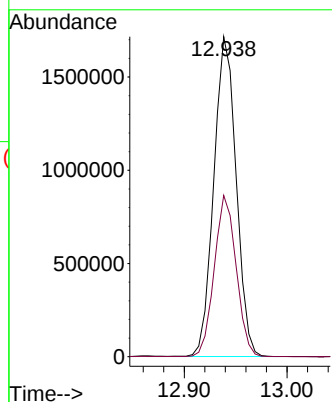
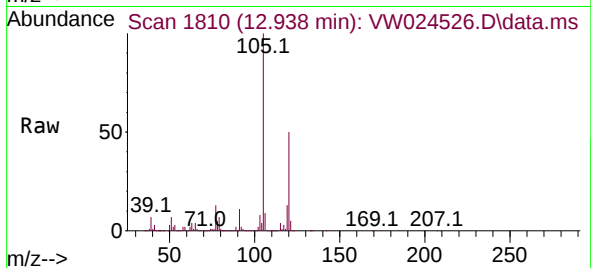
VSTD100429

Tgt Ion:105 Resp: 2589413

Ion Ratio Lower Upper

105 100

120 49.4 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 104.598 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024526.D

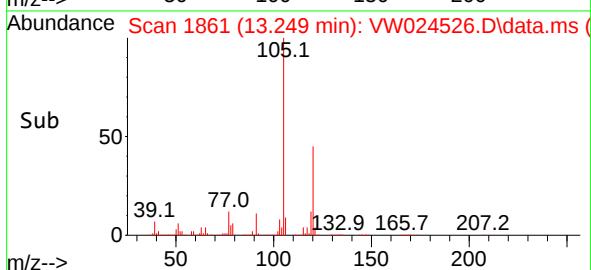
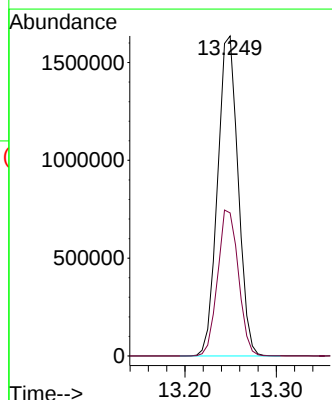
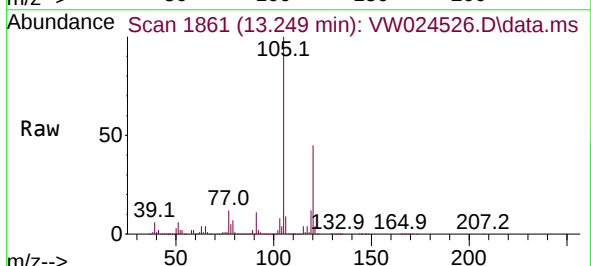
Acq: 02 Sep 2022 11:12

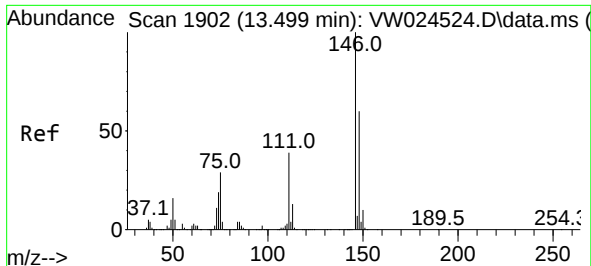
Tgt Ion:105 Resp: 2551830

Ion Ratio Lower Upper

105 100

120 46.1 37.0 55.4

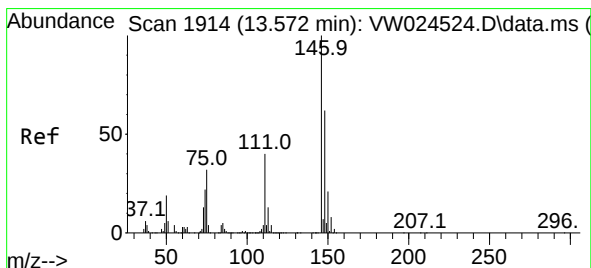
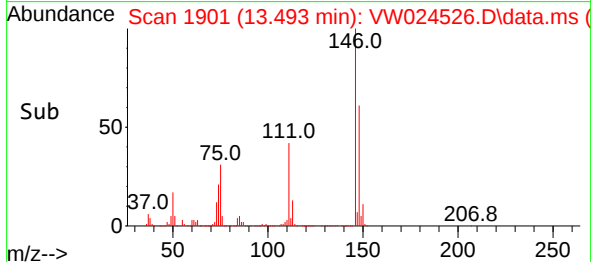
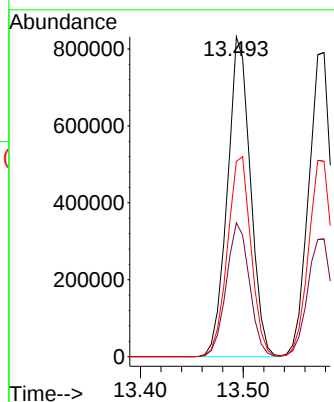
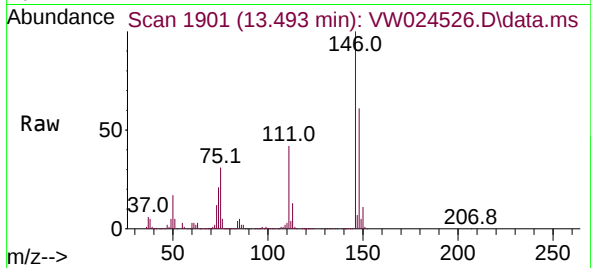




#64
1,3-Dichlorobenzene
Concen: 96.032 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

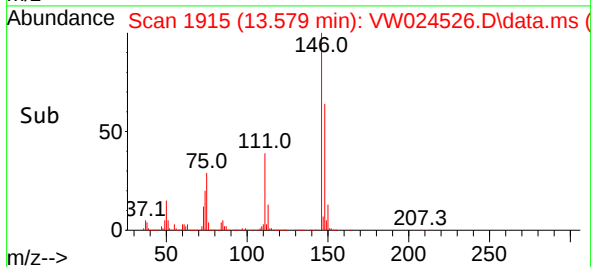
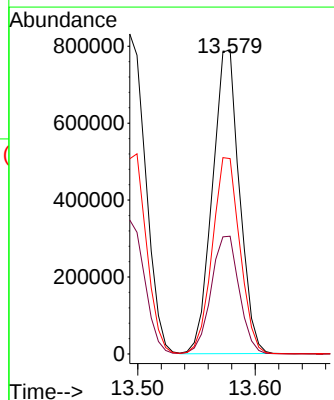
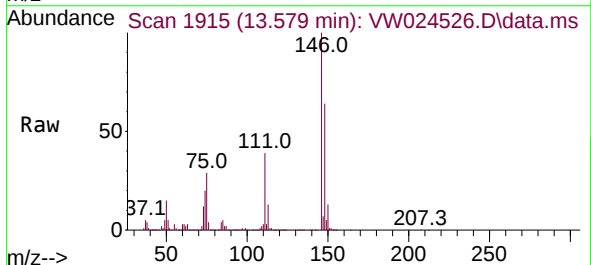
Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

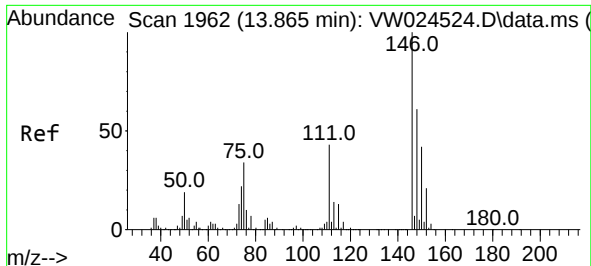
Tgt Ion:146 Resp: 1292611
Ion Ratio Lower Upper
146 100
111 41.8 27.6 51.4
148 61.0 42.3 78.5



#65
1,4-Dichlorobenzene
Concen: 91.710 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024526.D
Acq: 02 Sep 2022 11:12

Tgt Ion:146 Resp: 1264660
Ion Ratio Lower Upper
146 100
111 38.7 28.2 52.4
148 64.2 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 93.763 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

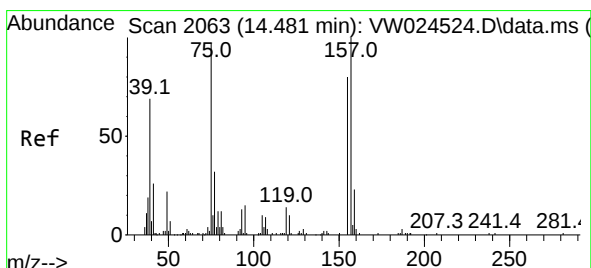
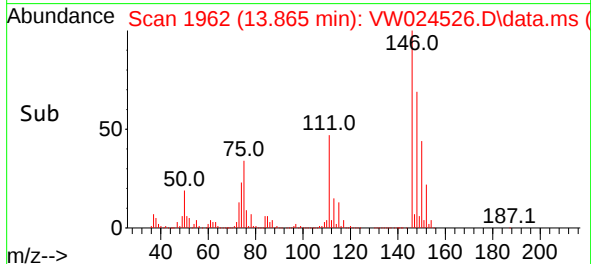
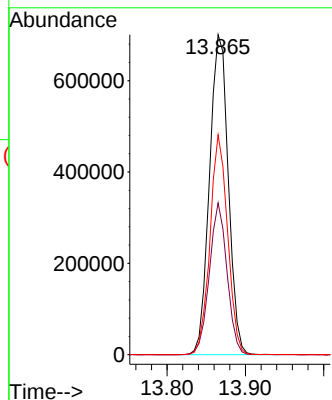
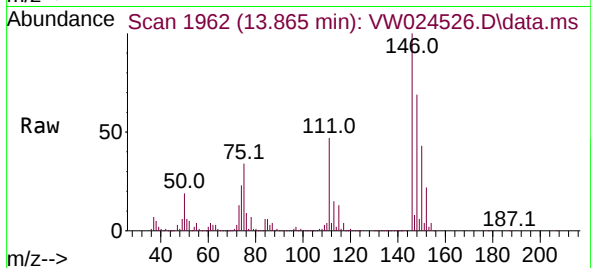
Tgt Ion:146 Resp: 1165165

Ion Ratio Lower Upper

146 100

111 47.4 34.1 51.1

148 68.7 48.9 73.3



#68

1,2-Dibromo-3-chloropropane

Concen: 87.401 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

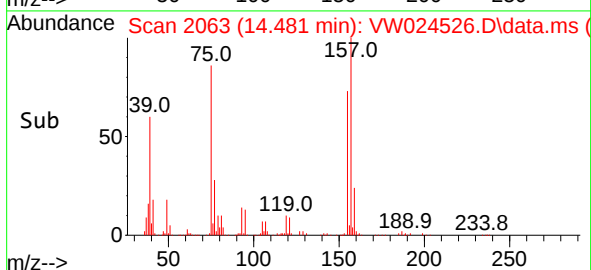
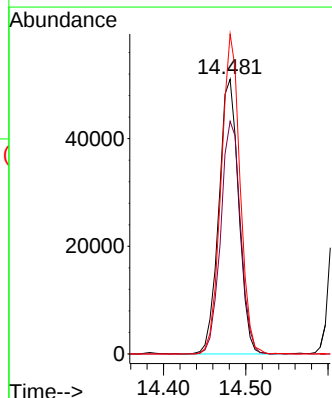
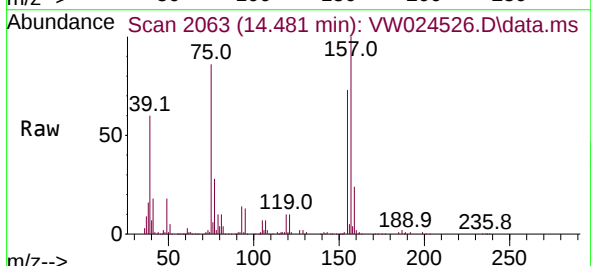
Tgt Ion: 75 Resp: 85365

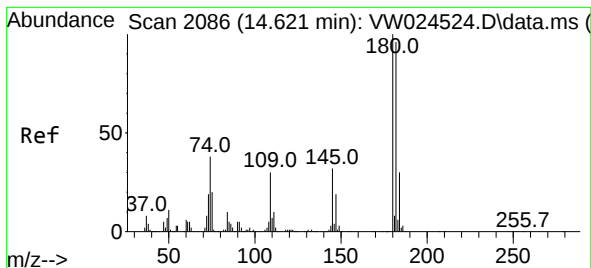
Ion Ratio Lower Upper

75 100

155 84.7 65.8 98.8

157 116.5 82.2 123.4





#69

1,3,5-Trichlorobenzene

Concen: 98.924 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

Tgt Ion:180 Resp: 856021

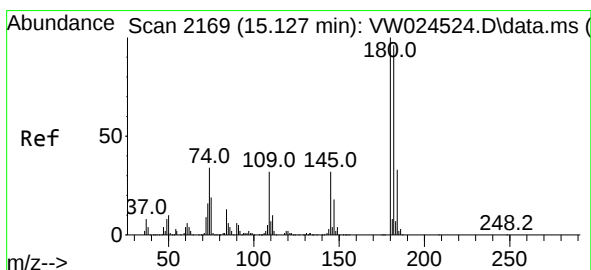
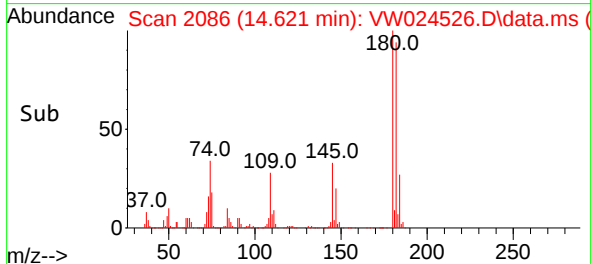
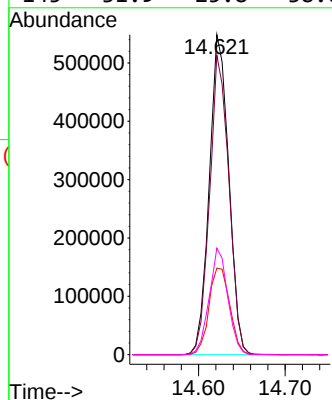
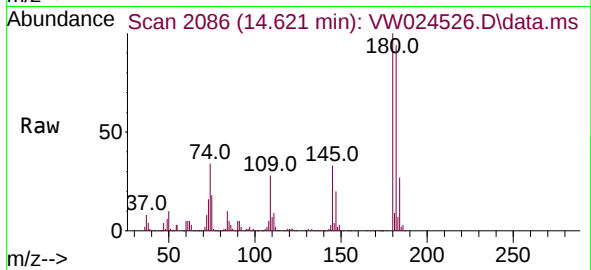
Ion Ratio Lower Upper

180 100

182 92.8 75.0 112.4

184 29.1 23.7 35.5

145 31.9 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 104.292 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

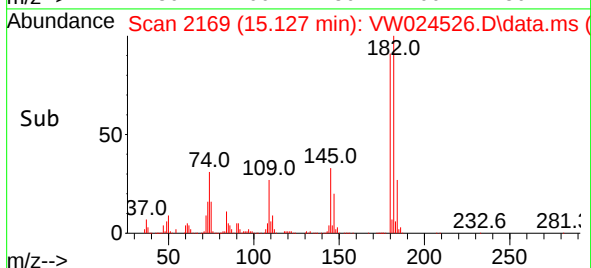
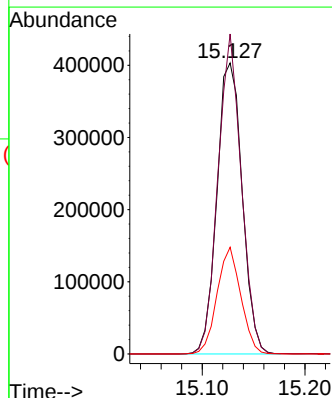
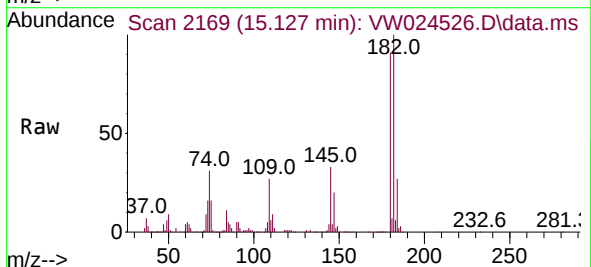
Tgt Ion:180 Resp: 690099

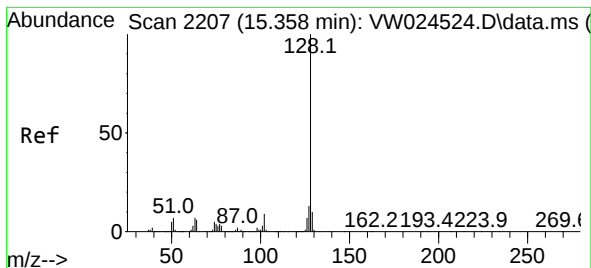
Ion Ratio Lower Upper

180 100

182 101.0 76.2 114.2

145 34.3 26.6 40.0





#71

Naphthalene

Concen: 112.464 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD100429

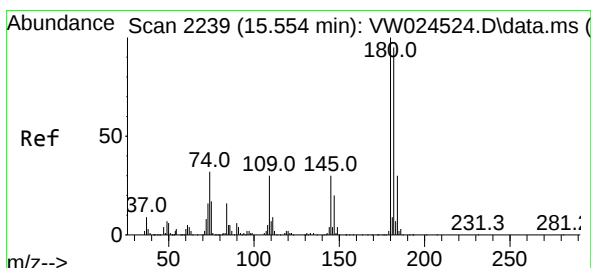
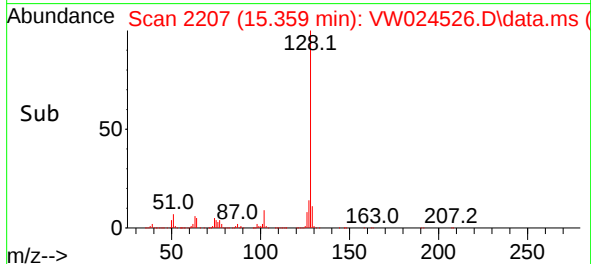
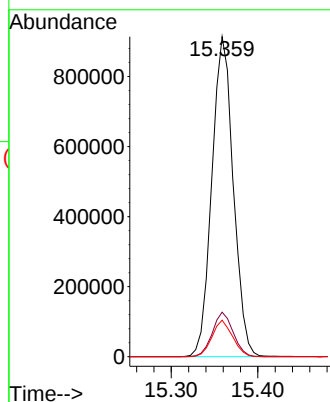
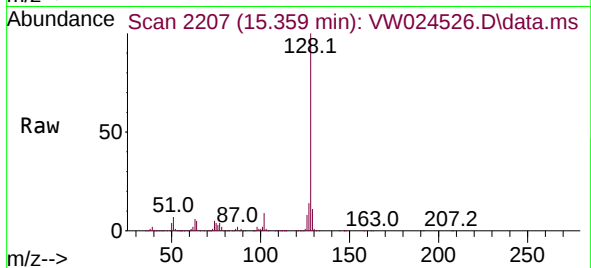
Tgt Ion:128 Resp: 1573297

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.9 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 105.714 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024526.D

Acq: 02 Sep 2022 11:12

Tgt Ion:180 Resp: 630870

Ion Ratio Lower Upper

180 100

182 94.6 78.5 117.7

145 34.7 28.3 42.5

