

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024648.D
 Acq On : 28 Sep 2022 09:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Sep 29 04:37:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 28 01:30:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	613173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	535696	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	260789	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169543	26.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.720%
7) Chloroethane-d5	2.885	69	85896	23.041	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	4.019	63	350531	23.607	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.440%
21) 2-Butanone-d5	7.079	46	102774	44.558	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.120%
24) Chloroform-d	7.646	84	380344	23.203	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	8.305	65	190927	22.452	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	8.274	84	783467	22.882	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.520%
36) 1,2-Dichloropropane-d6	9.268	67	237150	22.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	10.323	98	709802	23.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.760%
43) trans-1,3-Dichloroprop...	10.573	79	101872	21.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.480%
47) 2-Hexanone-d5	10.920	63	79249	44.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	165574	22.213	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	199492	21.739	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	95019	25.240	ug/L	93
3) Chloromethane	2.214	50	176908	24.132	ug/L	98
5) Vinyl chloride	2.361	62	234710	31.138	ug/L	99
6) Bromomethane	2.781	94	95199	27.366	ug/L	95
8) Chloroethane	2.922	64	83930	26.412	ug/L	99
9) Trichlorofluoromethane	3.257	101	81940	19.431	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	223941	27.844	ug/L #	76
12) 1,1-Dichloroethene	4.037	96	220906	27.539	ug/L	92
13) Acetone	4.123	43	111311	66.145	ug/L	96
14) Carbon disulfide	4.385	76	706266	27.891	ug/L	99
15) Methyl Acetate	4.671	43	96389	25.867	ug/L	99
16) Methylene chloride	4.915	84	257516	21.385	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	239458	26.569	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	347679	24.330	ug/L	100
19) 1,1-Dichloroethane	6.214	63	446140	26.458	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	253805	26.245	ug/L	95
22) 2-Butanone	7.171	43	148452	55.152	ug/L	100
23) Bromochloromethane	7.512	128	99678	25.361	ug/L	97
25) Chloroform	7.671	83	420674	26.309	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024648.D
 Acq On : 28 Sep 2022 09:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Sep 29 04:37:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 28 01:30:58 2022
 Response via : Initial Calibration

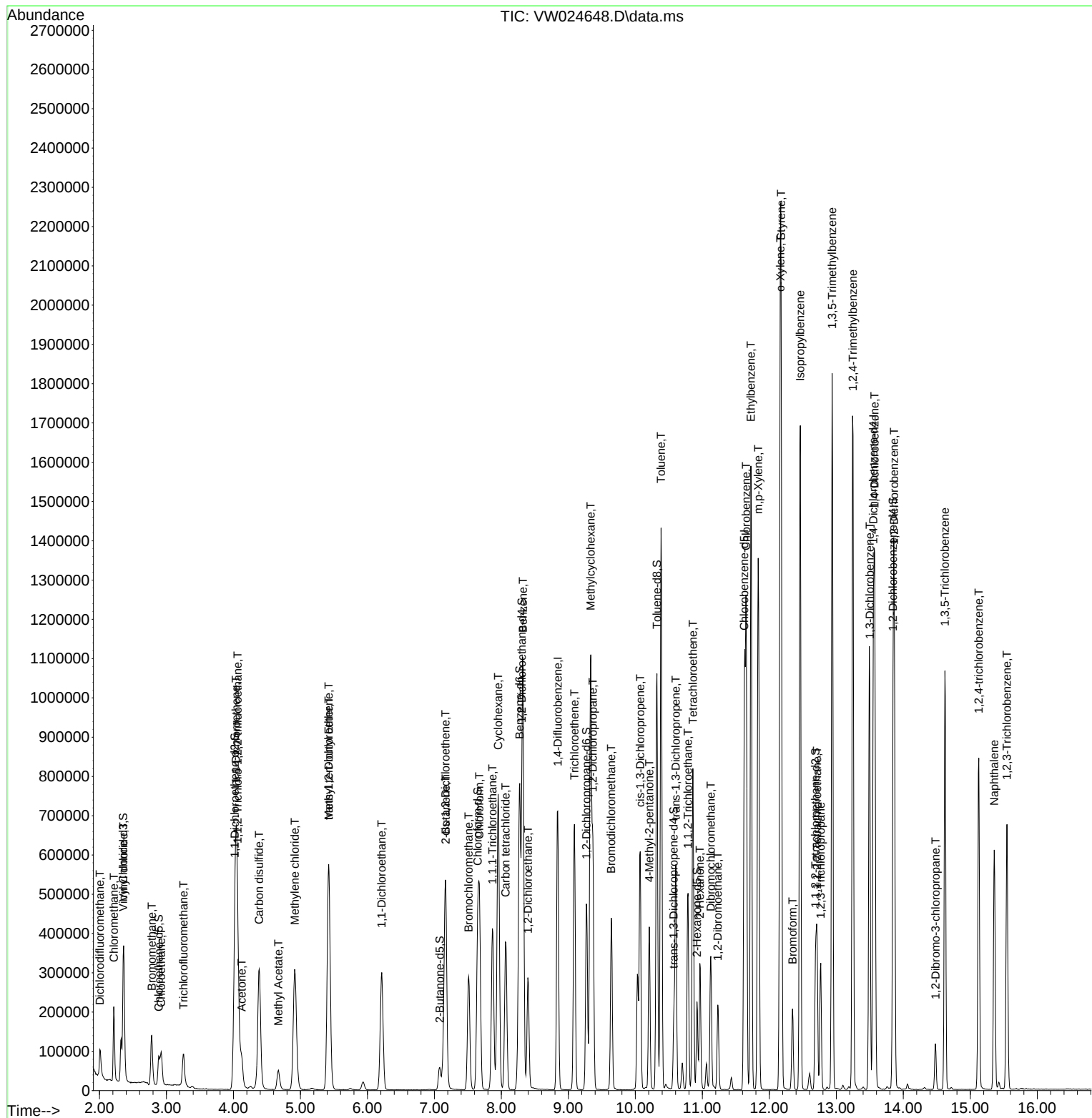
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	257385	25.582	ug/L	99
29) Cyclohexane	7.951	56	448353	26.871	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	338410	26.106	ug/L	99
31) Carbon tetrachloride	8.061	117	296540	27.014	ug/L	100
33) Benzene	8.323	78	985290	26.279	ug/L	100
34) Trichloroethene	9.091	95	251729	26.489	ug/L	99
35) Methylcyclohexane	9.335	83	468635	26.901	ug/L	99
37) 1,2-Dichloropropane	9.366	63	240682	26.002	ug/L	100
38) Bromodichloromethane	9.640	83	297804	26.155	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	378977	25.891	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	274420	50.087	ug/L	98
42) Toluene	10.384	91	1018033	26.293	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	320057	25.504	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	161719	25.578	ug/L	98
46) Tetrachloroethene	10.859	164	167234	25.900	ug/L	91
48) 2-Hexanone	10.963	43	203008	54.795	ug/L	99
49) Dibromochloromethane	11.128	129	184108	25.860	ug/L	97
50) 1,2-Dibromoethane	11.231	107	151713	25.351	ug/L	100
51) Chlorobenzene	11.652	112	619748	26.142	ug/L	98
52) Ethylbenzene	11.725	91	1128082	26.451	ug/L	99
53) m,p-Xylene	11.835	106	447808	26.889	ug/L	98
54) o-Xylene	12.164	106	414690	26.369	ug/L	96
55) Styrene	12.176	104	690724	26.053	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	187107	25.275	ug/L	99
59) Bromoform	12.347	173	94596	25.661	ug/L	98
60) Isopropylbenzene	12.463	105	1122687	26.413	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	137956	24.558	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	969699	26.249	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	965961	26.691	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	441006	25.539	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	431571	25.674	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	376876	25.057	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	31730	23.885	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	302221	26.359	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	240178	24.935	ug/L	98
71) Naphthalene	15.358	128	521097	24.847	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	208327	25.413	ug/L	97

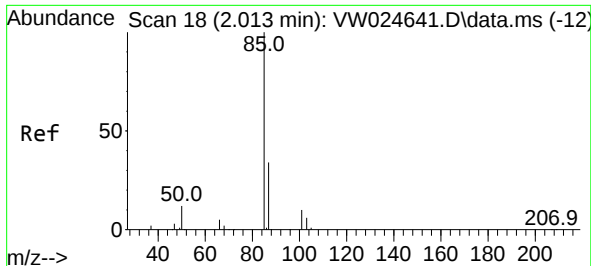
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
Data File : VW024648.D
Acq On : 28 Sep 2022 09:02
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Quant Time: Sep 29 04:37:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 28 01:30:58 2022
Response via : Initial Calibration

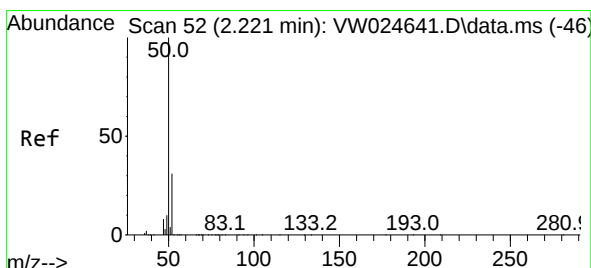
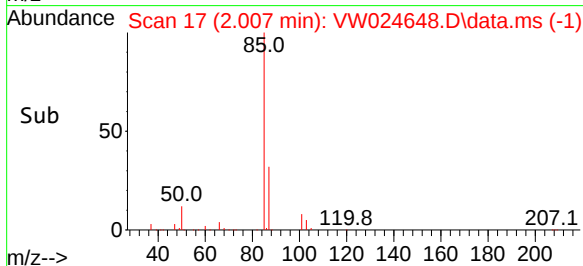
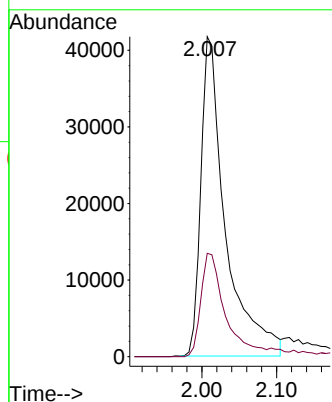
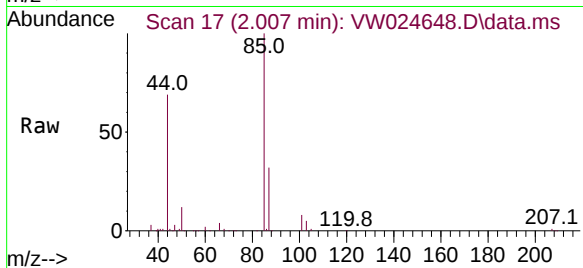




#2
Dichlorodifluoromethane
Concen: 25.240 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

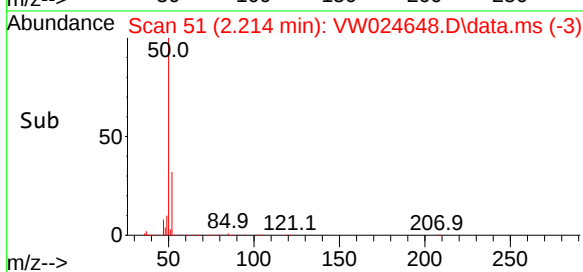
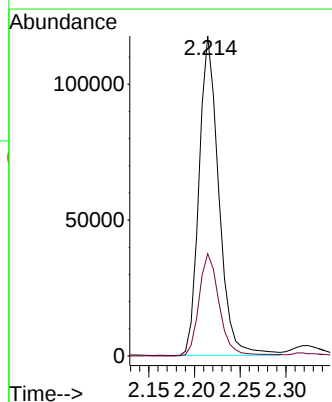
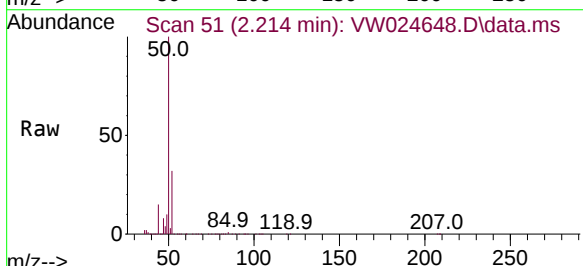
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

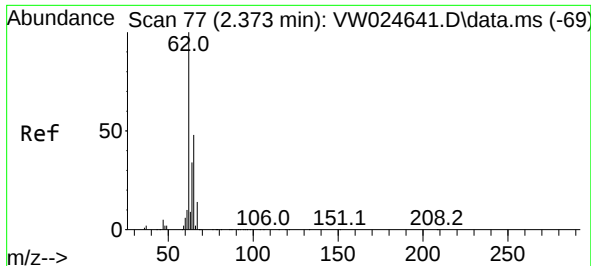
Tgt Ion: 85 Resp: 95019
Ion Ratio Lower Upper
85 100
87 32.1 28.8 43.2



#3
Chloromethane
Concen: 24.132 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 50 Resp: 176908
Ion Ratio Lower Upper
50 100
52 32.0 21.7 40.3

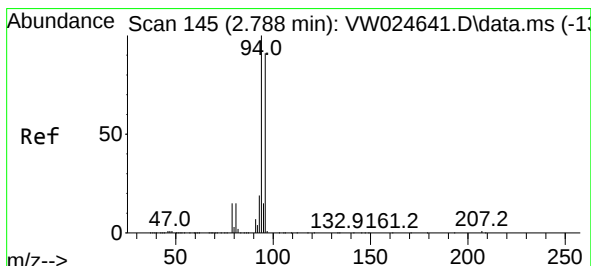
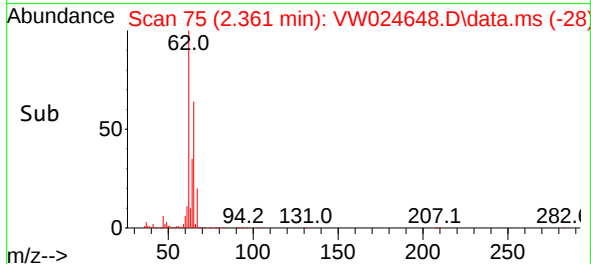
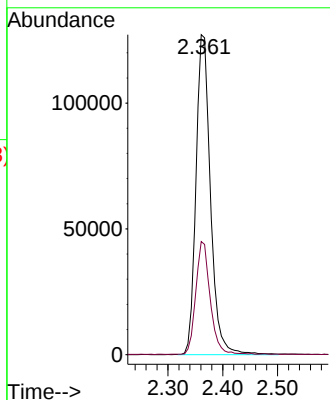
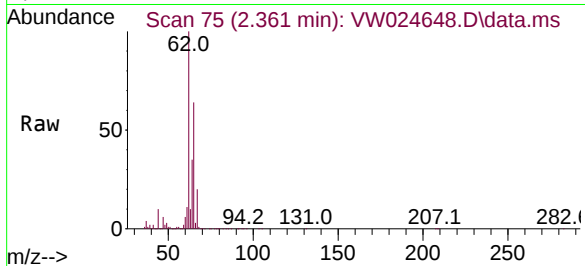




#5
 Vinyl chloride
 Concen: 31.138 ug/L
 RT: 2.361 min Scan# 77
 Delta R.T. -0.012 min
 Lab File: VW024648.D
 Acq: 28 Sep 2022 09:02

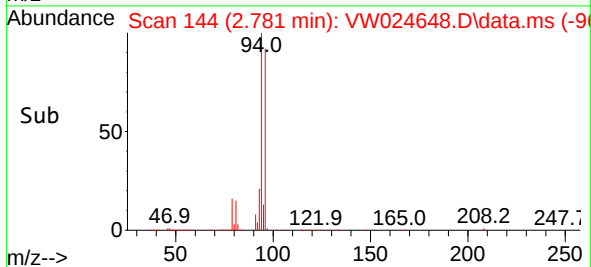
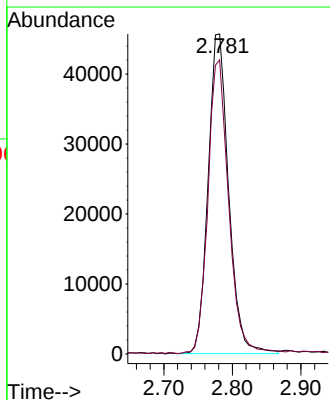
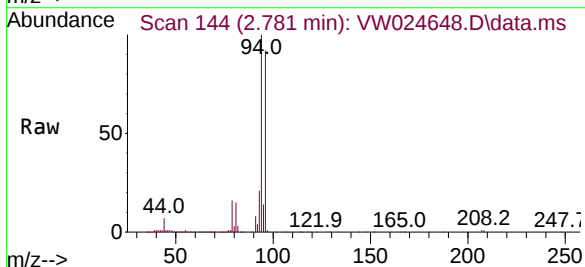
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

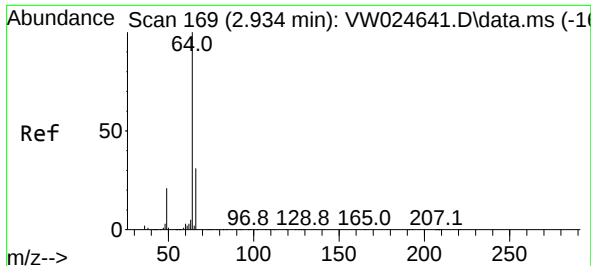
Tgt Ion: 62 Resp: 234710
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.4 45.2



#6
 Bromomethane
 Concen: 27.366 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW024648.D
 Acq: 28 Sep 2022 09:02

Tgt Ion: 94 Resp: 95199
 Ion Ratio Lower Upper
 94 100
 96 91.9 68.0 126.2

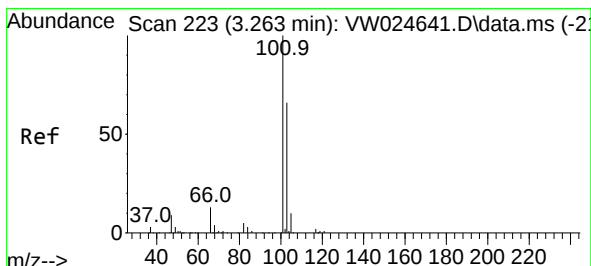
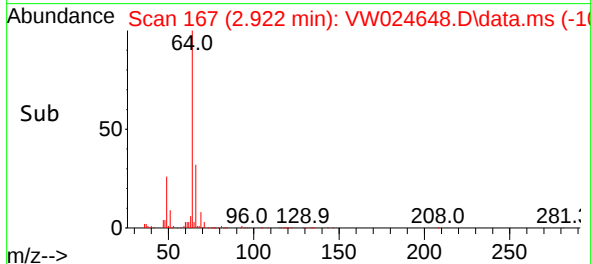
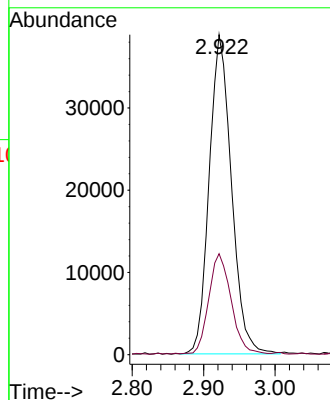
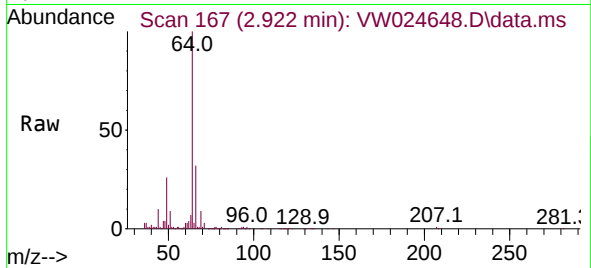




#8
Chloroethane
Concen: 26.412 ug/L
RT: 2.922 min Scan# 169
Delta R.T. -0.012 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

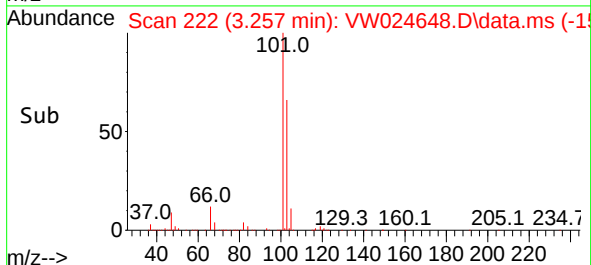
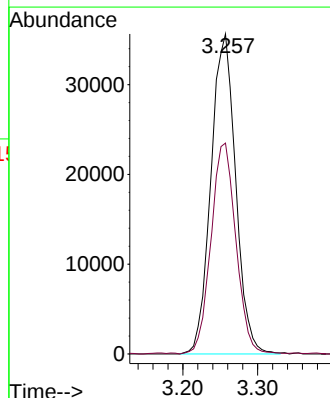
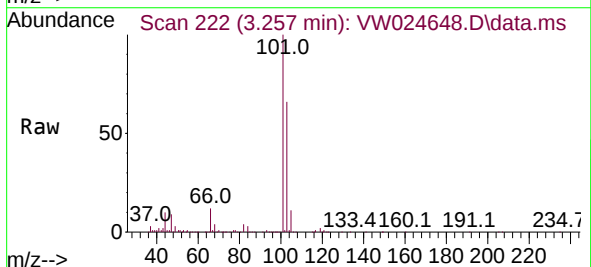
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

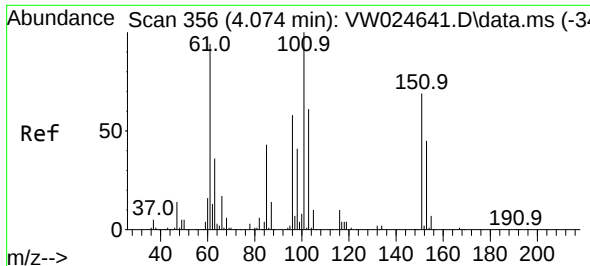
Tgt Ion: 64 Resp: 83930
Ion Ratio Lower Upper
64 100
66 31.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 19.431 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 101 Resp: 81940
Ion Ratio Lower Upper
101 100
103 66.3 53.4 80.2

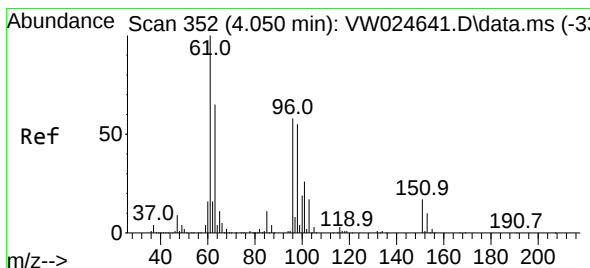
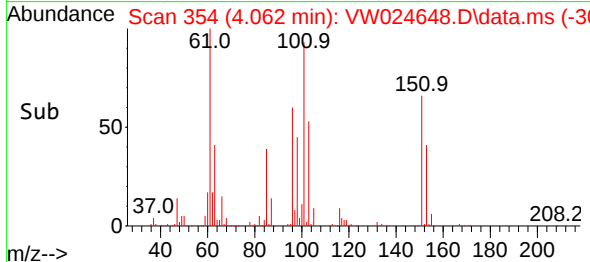
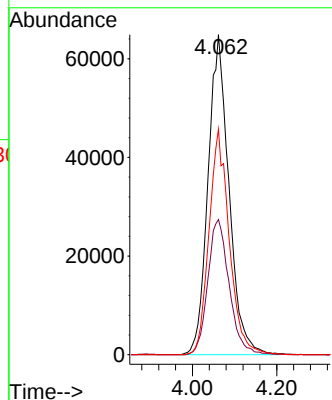
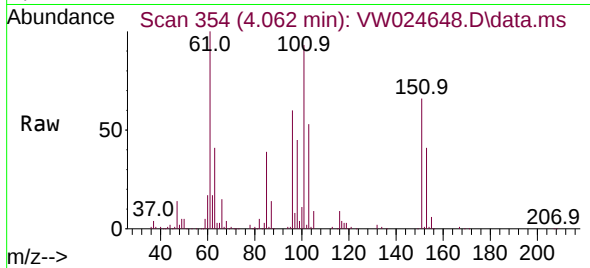




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.844 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW024648.D
 Acq: 28 Sep 2022 09:02

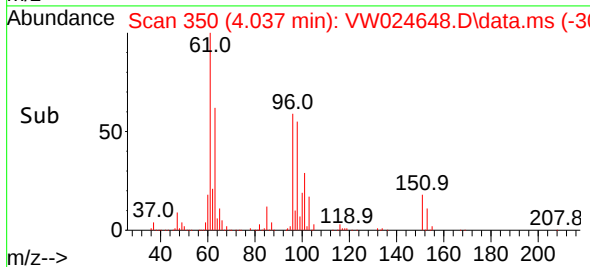
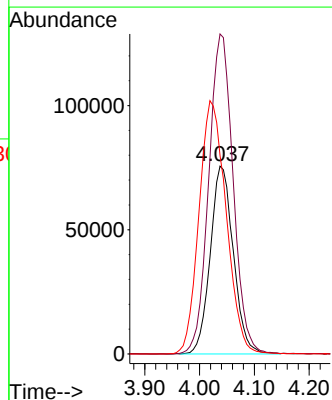
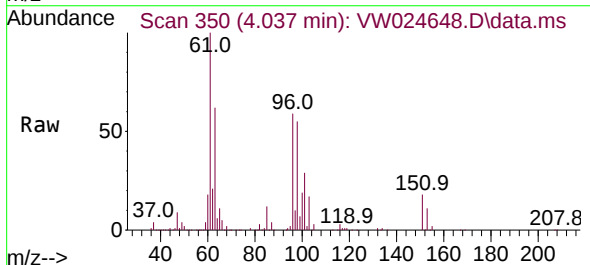
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

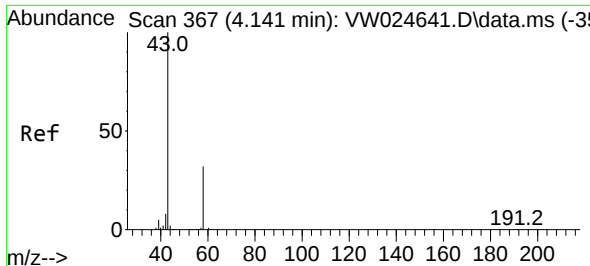
Tgt Ion:101 Resp: 223941
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.9 52.3
 151 68.1 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 27.539 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.012 min
 Lab File: VW024648.D
 Acq: 28 Sep 2022 09:02

Tgt Ion: 96 Resp: 220906
 Ion Ratio Lower Upper
 96 100
 61 170.3 124.5 231.1
 63 105.6 84.1 156.1

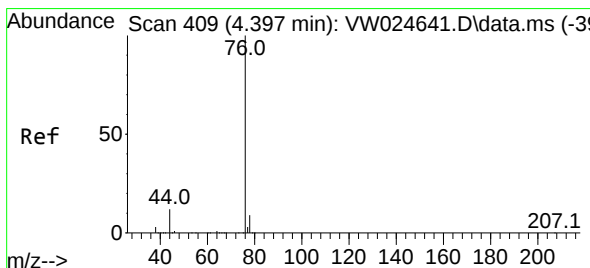
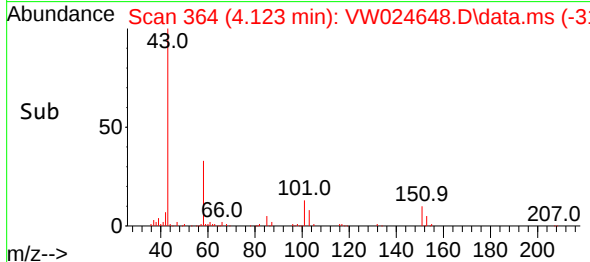
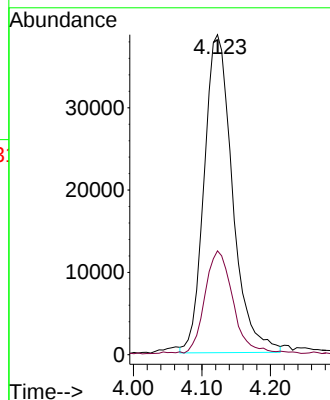
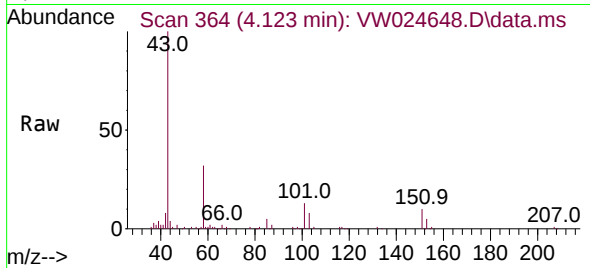




#13
Acetone
Concen: 66.145 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

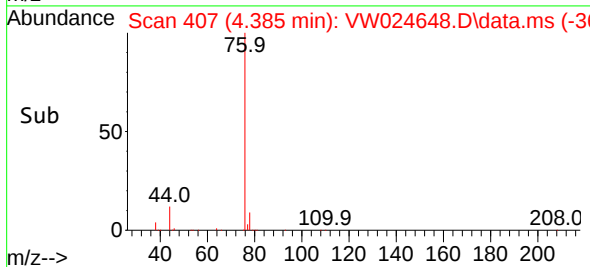
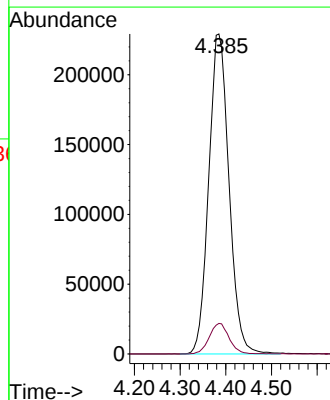
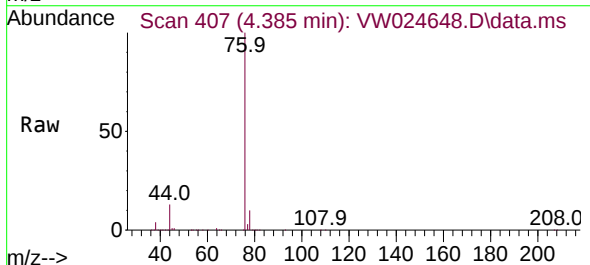
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

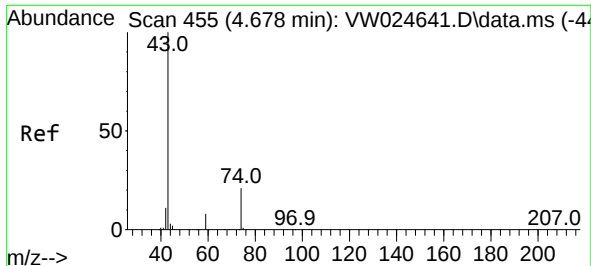
Tgt Ion: 43 Resp: 111311
Ion Ratio Lower Upper
43 100
58 31.3 0.0 67.6



#14
Carbon disulfide
Concen: 27.891 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.012 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 76 Resp: 706266
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

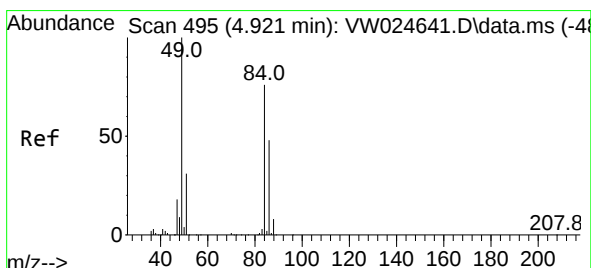
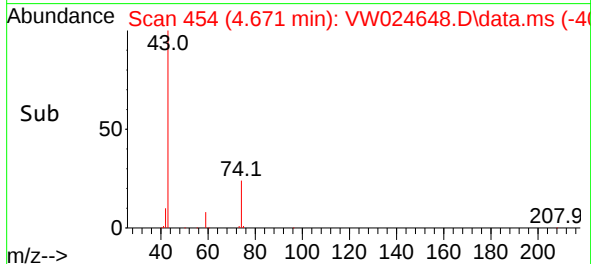
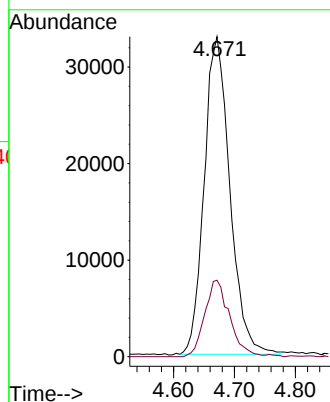
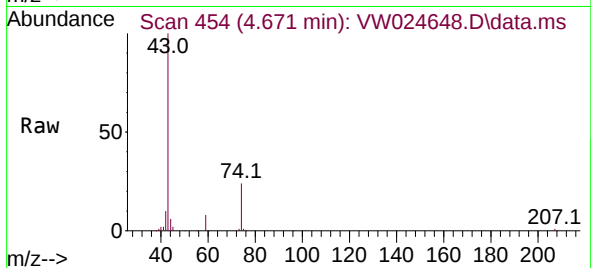




#15
Methyl Acetate
Concen: 25.867 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

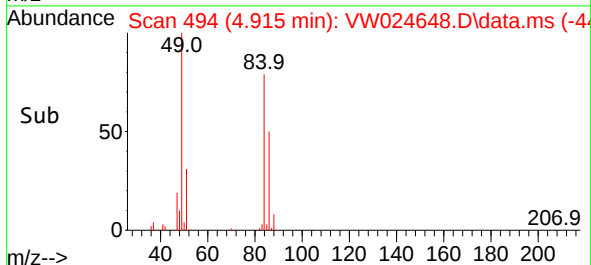
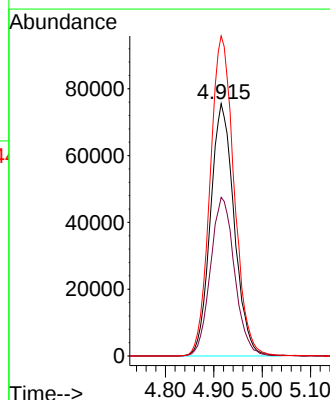
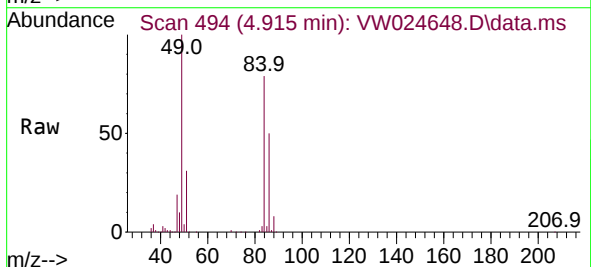
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

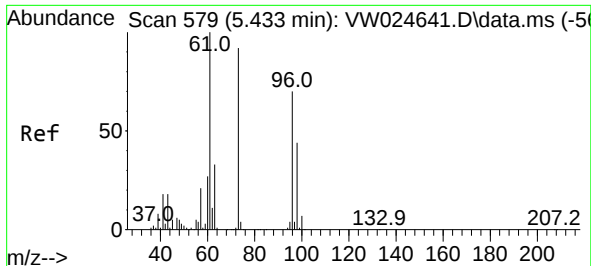
Tgt Ion: 43 Resp: 96389
Ion Ratio Lower Upper
43 100
74 23.3 18.1 27.1



#16
Methylene chloride
Concen: 21.385 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 84 Resp: 257516
Ion Ratio Lower Upper
84 100
86 62.9 44.0 81.8
49 126.8 87.4 162.2

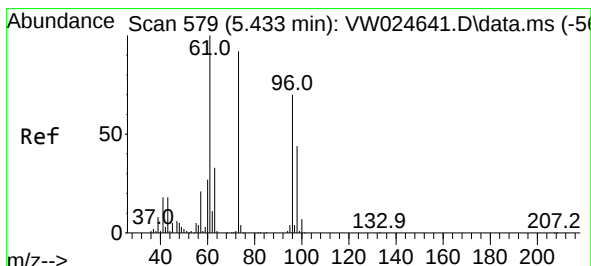
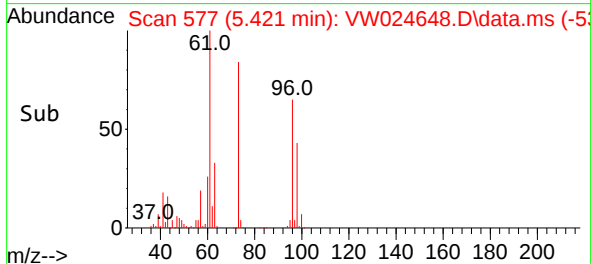
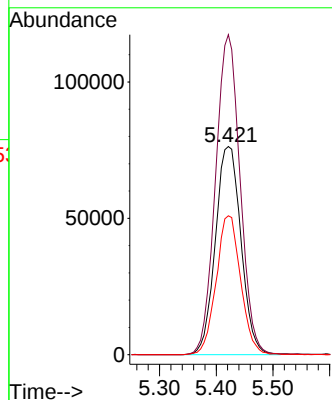
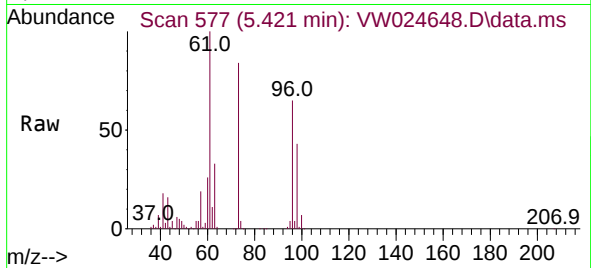




#17
trans-1,2-Dichloroethene
Concen: 26.569 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

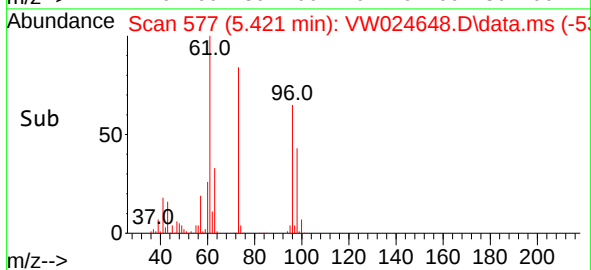
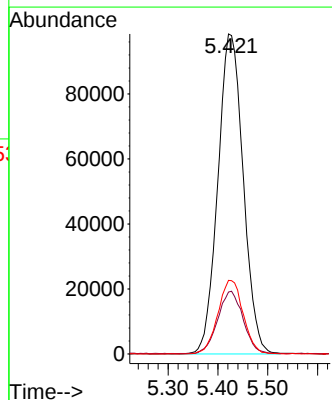
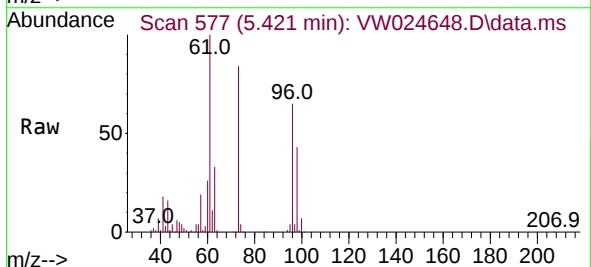
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

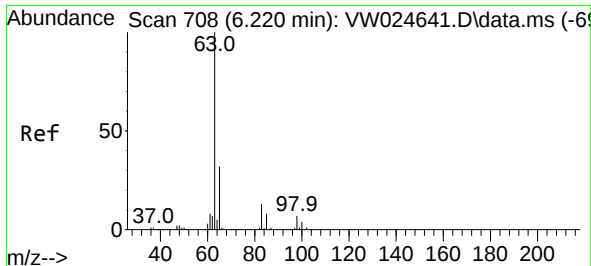
Tgt Ion: 96 Resp: 239458
Ion Ratio Lower Upper
96 100
61 153.8 106.3 197.5
98 66.7 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 24.330 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 73 Resp: 347679
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4
57 22.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 26.458 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

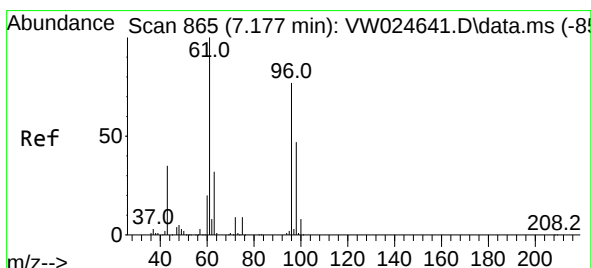
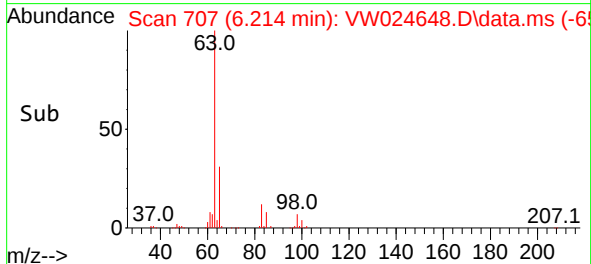
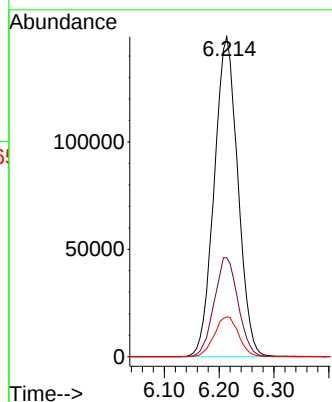
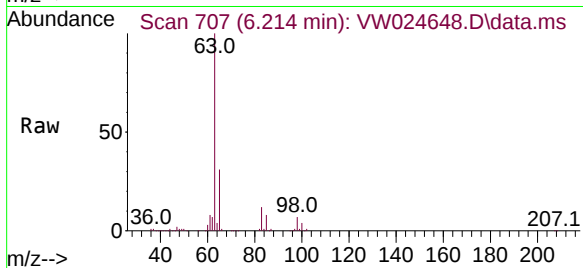
Tgt Ion: 63 Resp: 446140

Ion Ratio Lower Upper

63 100

65 30.9 23.7 43.9

83 12.5 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 26.245 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.012 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

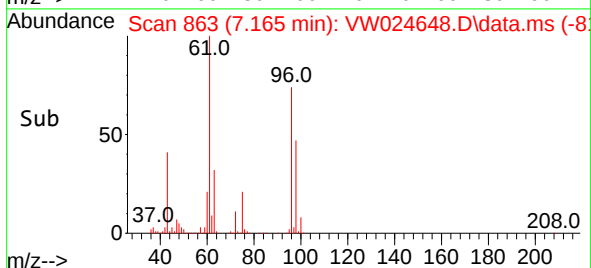
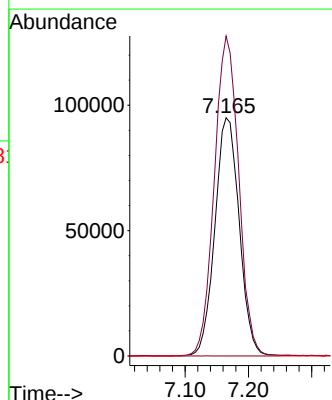
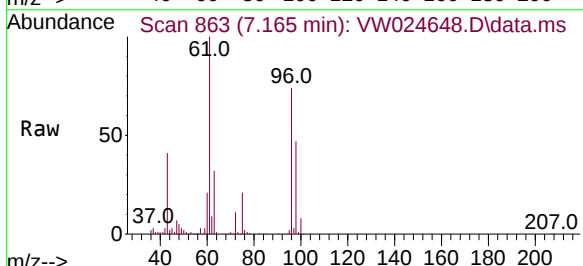
Tgt Ion: 96 Resp: 253805

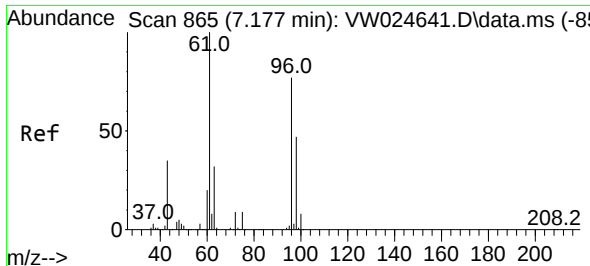
Ion Ratio Lower Upper

96 100

61 134.3 90.2 167.4

68 0.0 0.0 0.0

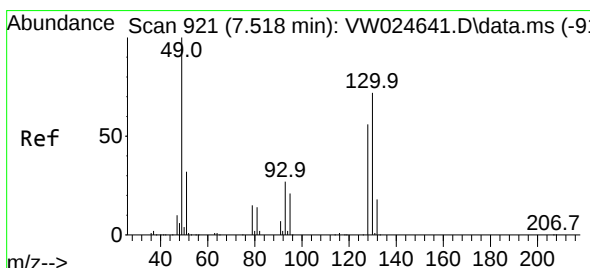
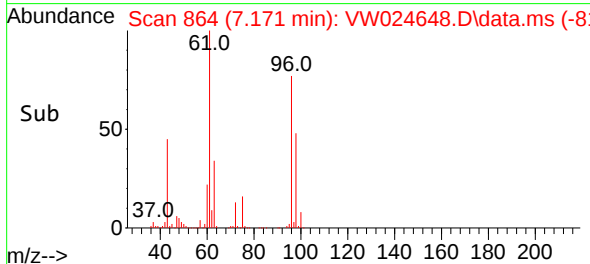
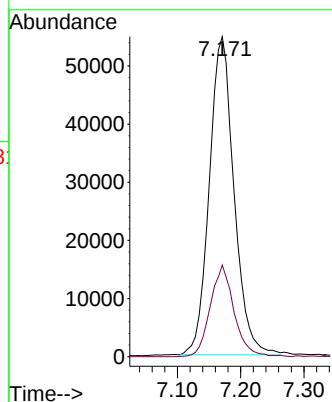
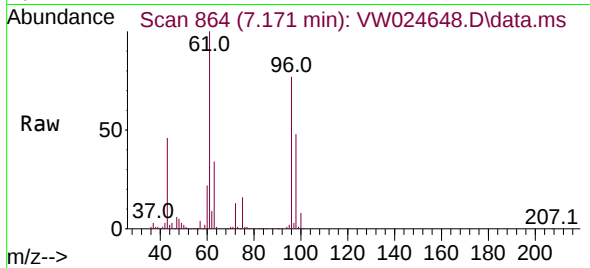




#22
2-Butanone
Concen: 55.152 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

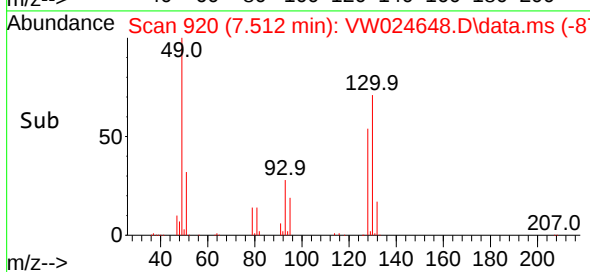
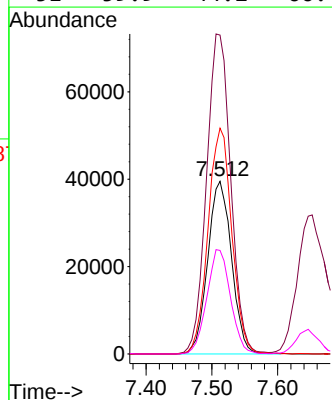
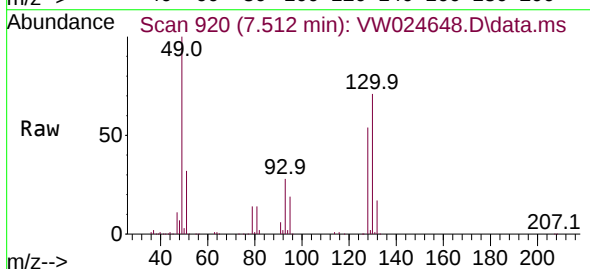
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

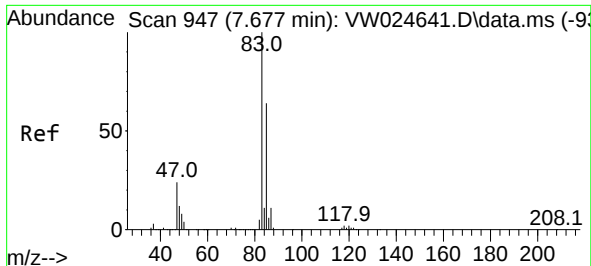
Tgt Ion: 43 Resp: 148452
Ion Ratio Lower Upper
43 100
72 27.5 13.8 41.3



#23
Bromochloromethane
Concen: 25.361 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 128 Resp: 99678
Ion Ratio Lower Upper
128 100
49 184.7 127.3 236.3
130 130.8 90.2 167.4
51 59.9 44.2 66.4





#25

Chloroform

Concen: 26.309 ug/L

RT: 7.671 min Scan# 947

Delta R.T. -0.006 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

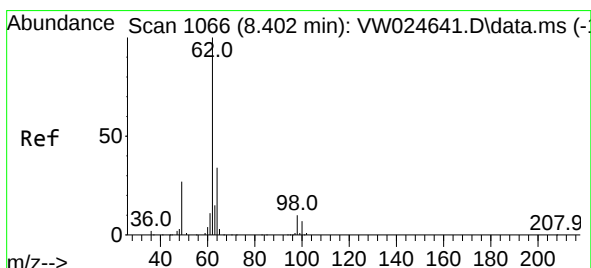
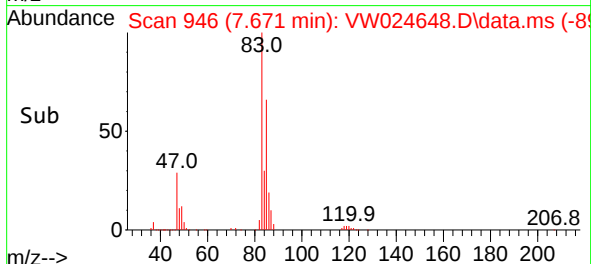
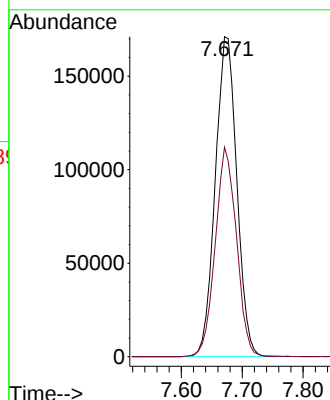
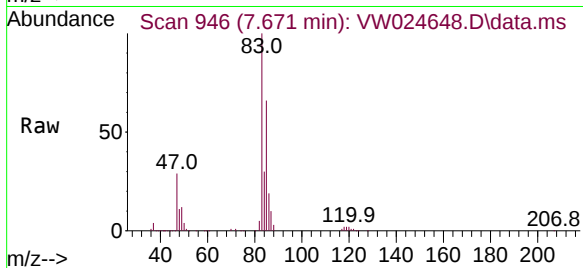
VSTD025576

Tgt Ion: 83 Resp: 420674

Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 25.582 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW024648.D

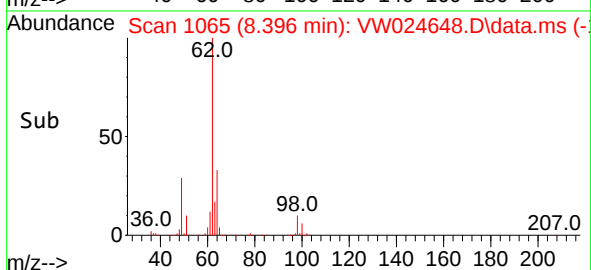
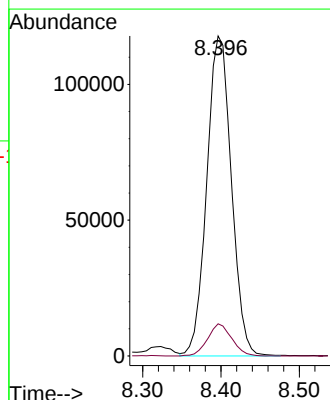
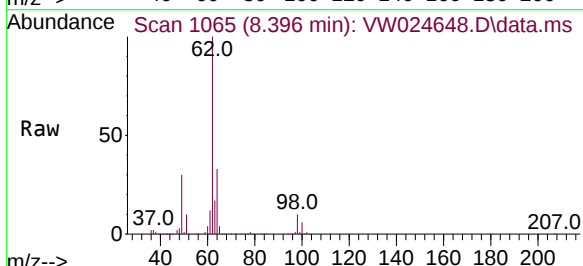
Acq: 28 Sep 2022 09:02

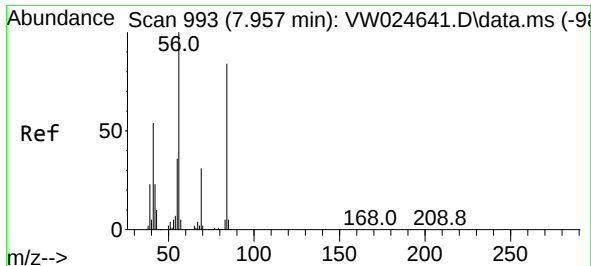
Tgt Ion: 62 Resp: 257385

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8

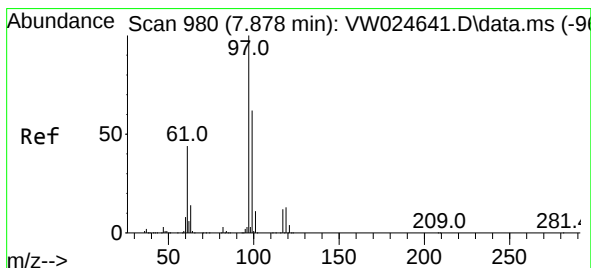
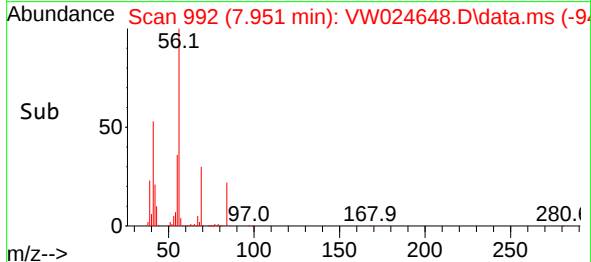
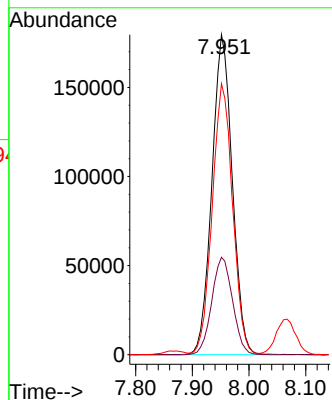
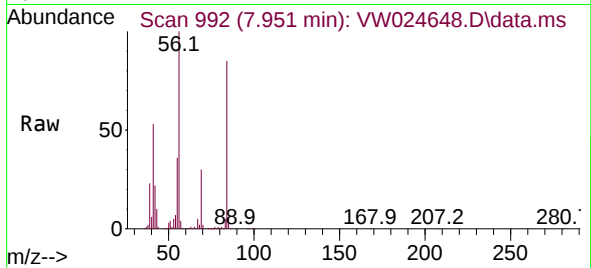




#29
Cyclohexane
Concen: 26.871 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

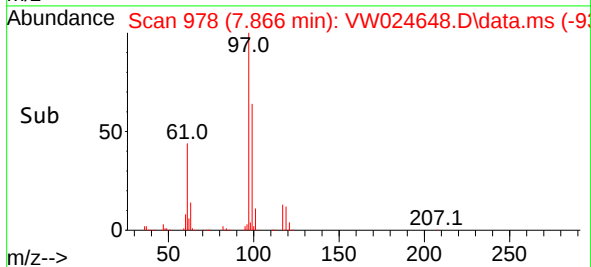
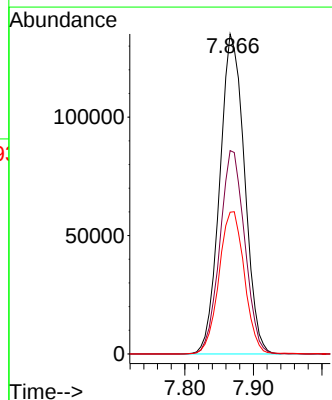
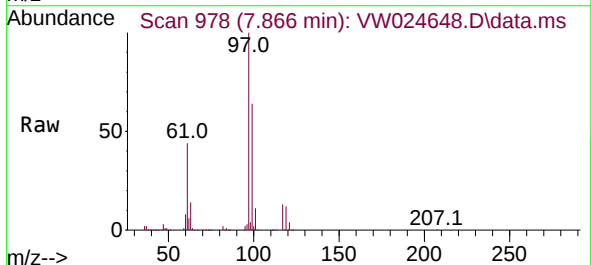
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

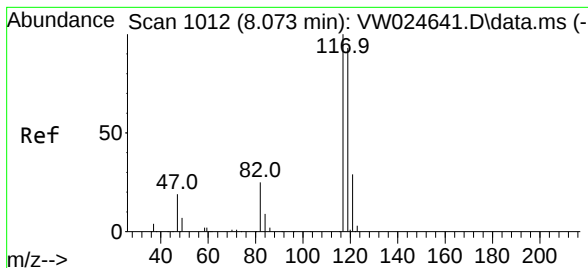
Tgt Ion: 56 Resp: 448353
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.4
84 84.8 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 26.106 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.012 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 97 Resp: 338410
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 45.7 35.8 53.6





#31

Carbon tetrachloride

Concen: 27.014 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.012 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

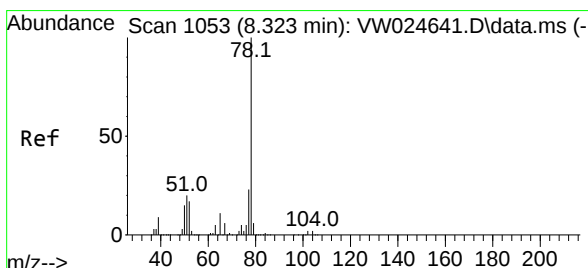
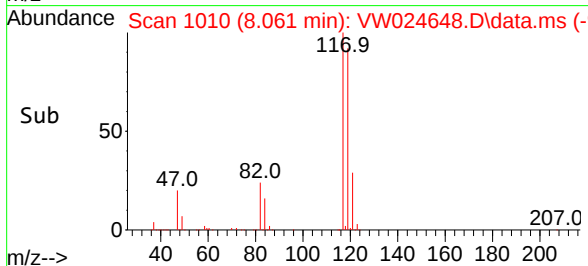
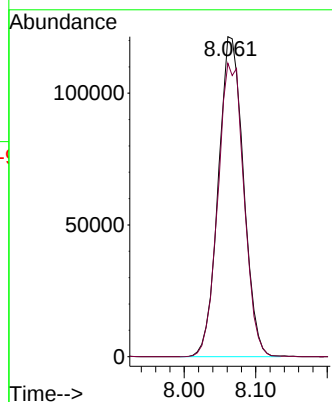
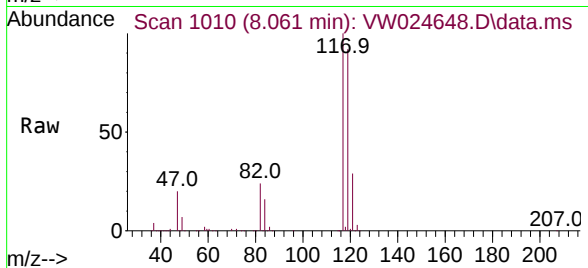
VSTD025576

Tgt Ion:117 Resp: 296540

Ion Ratio Lower Upper

117 100

119 95.1 76.2 114.2



#33

Benzene

Concen: 26.279 ug/L

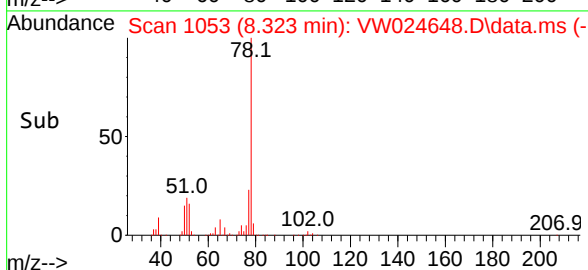
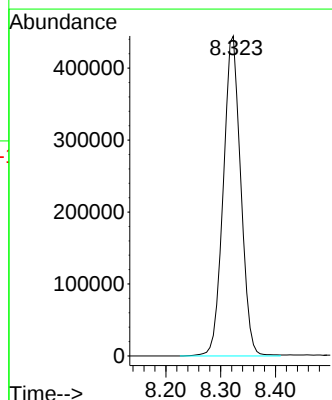
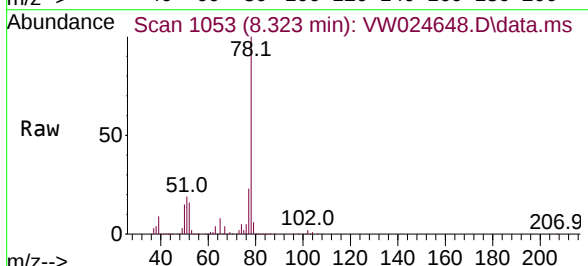
RT: 8.323 min Scan# 1053

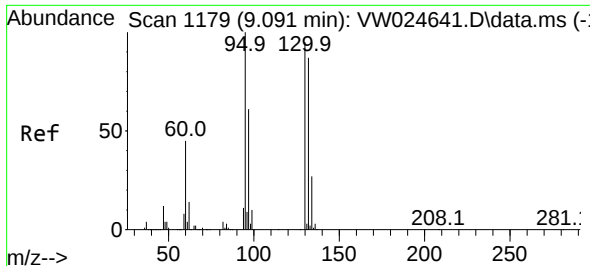
Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Tgt Ion: 78 Resp: 985290

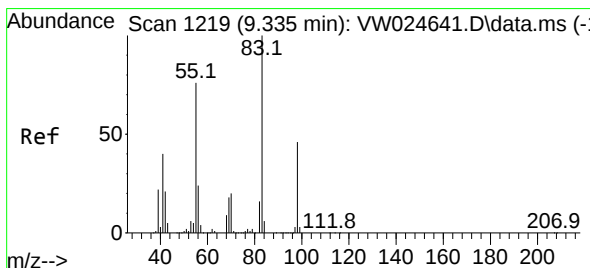
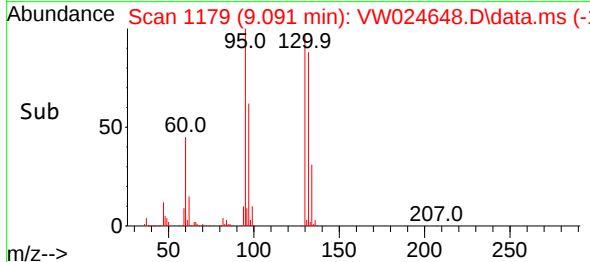
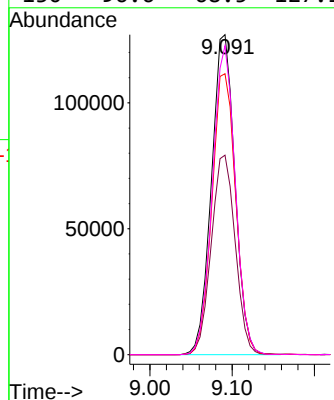
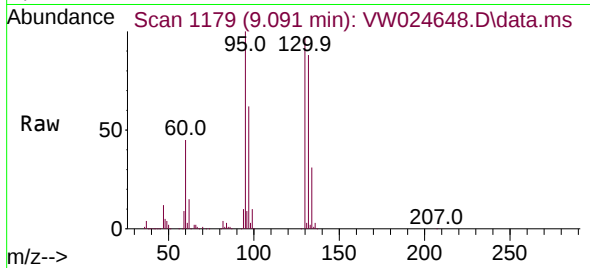




#34
Trichloroethene
Concen: 26.489 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

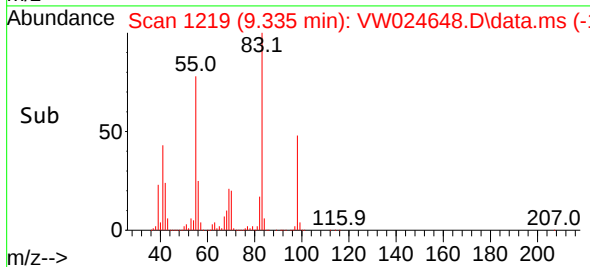
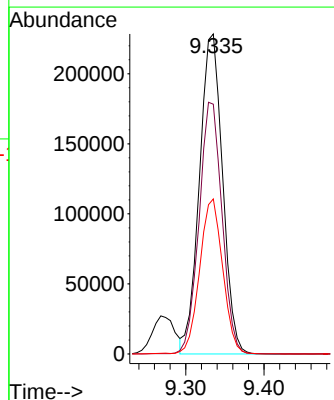
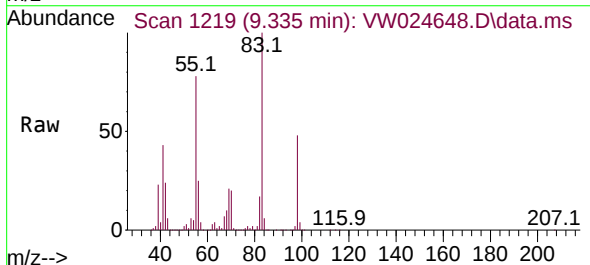
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

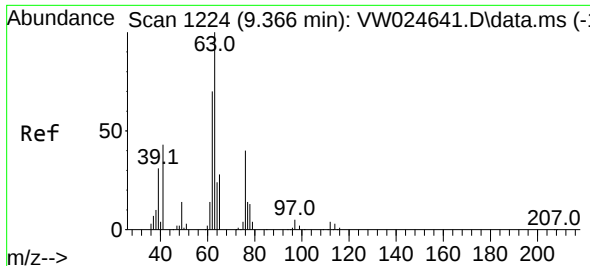
Tgt Ion: 95 Resp: 251729
Ion Ratio Lower Upper
95 100
97 62.3 43.5 80.9
132 87.8 61.2 113.8
130 96.6 68.5 127.1



#35
Methylcyclohexane
Concen: 26.901 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 83 Resp: 468635
Ion Ratio Lower Upper
83 100
55 77.9 63.1 94.7
98 48.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.002 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

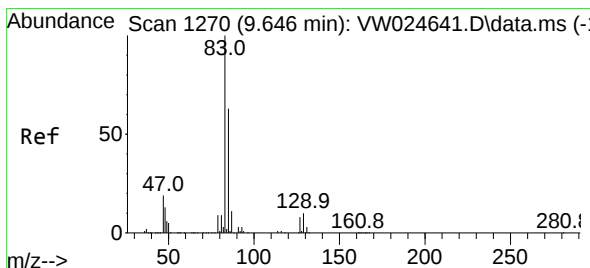
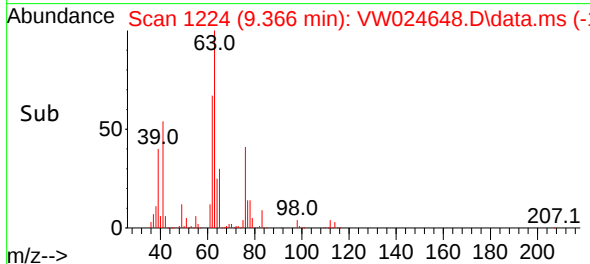
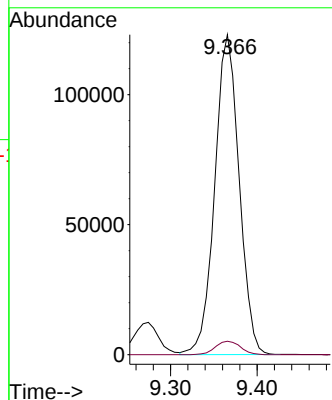
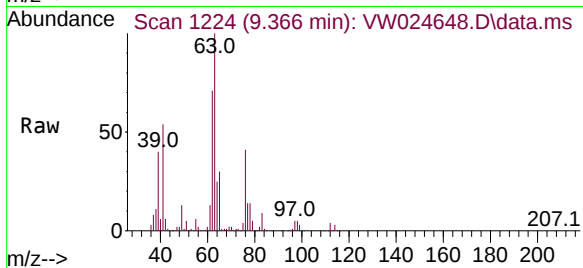
VSTD025576

Tgt Ion: 63 Resp: 240682

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 26.155 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

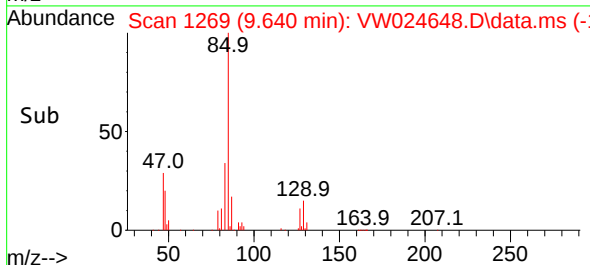
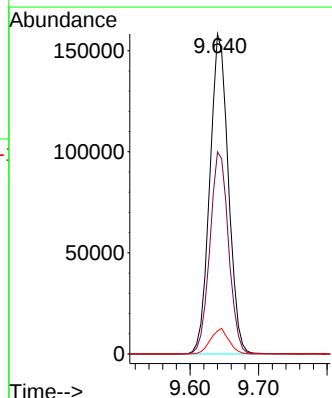
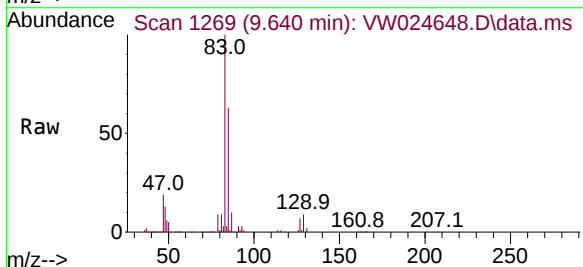
Tgt Ion: 83 Resp: 297804

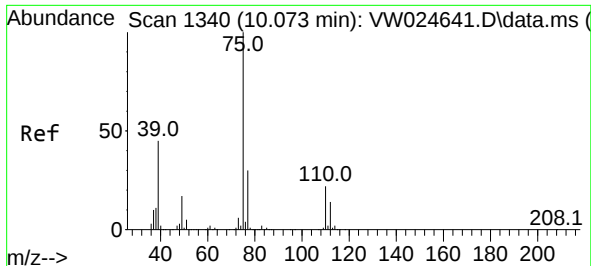
Ion Ratio Lower Upper

83 100

85 63.2 45.6 84.8

127 7.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.891 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

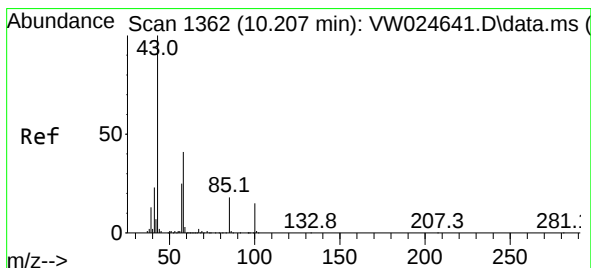
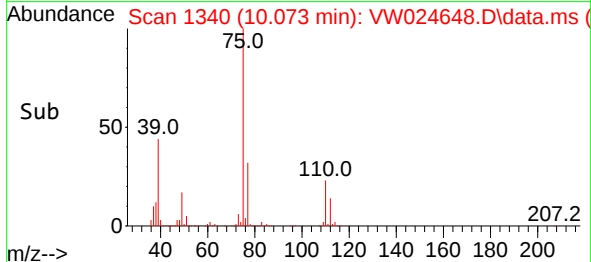
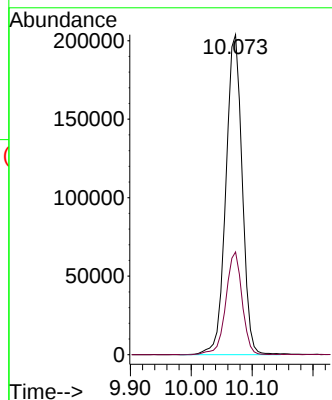
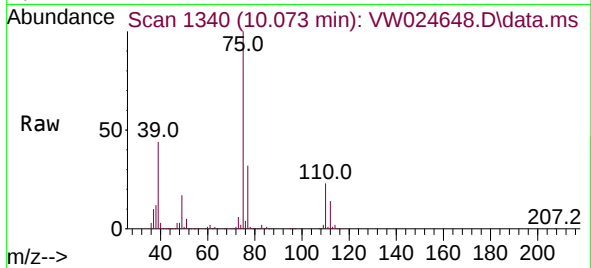
VSTD025576

Tgt Ion: 75 Resp: 378977

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.087 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

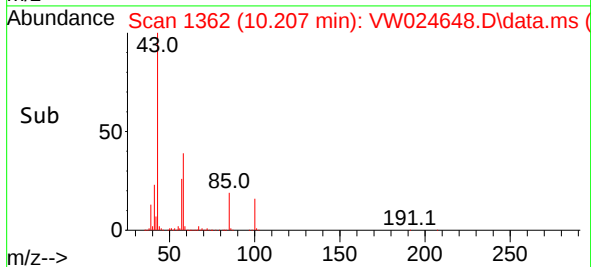
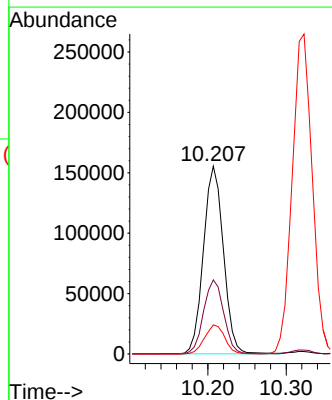
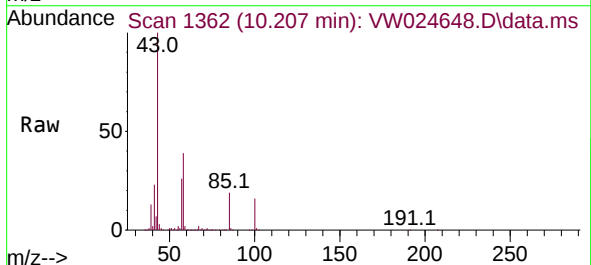
Tgt Ion: 43 Resp: 274420

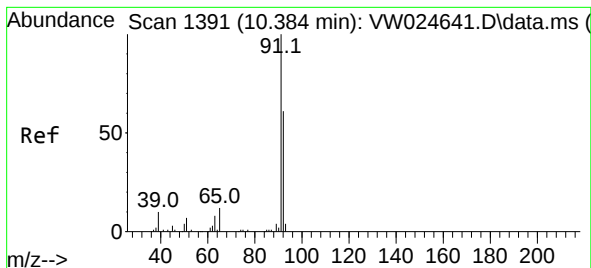
Ion Ratio Lower Upper

43 100

58 39.7 32.9 49.3

100 15.6 12.6 19.0





#42

Toluene

Concen: 26.293 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

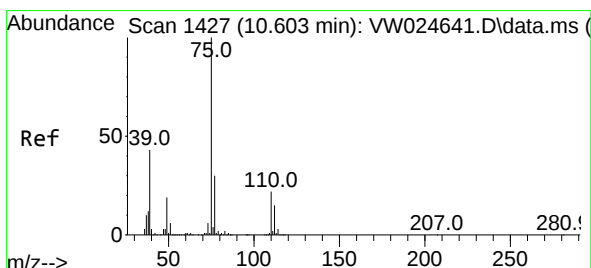
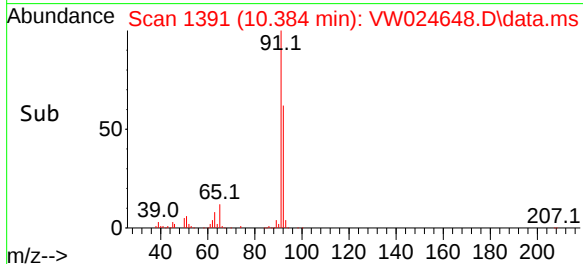
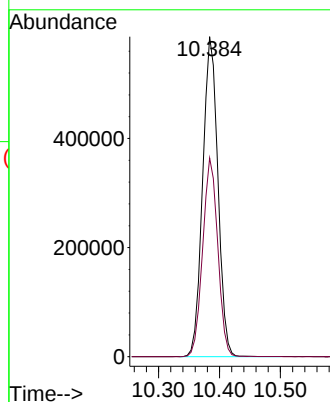
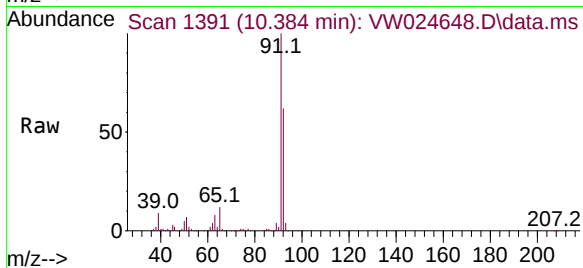
VSTD025576

Tgt Ion: 91 Resp: 1018033

Ion Ratio Lower Upper

91 100

92 62.1 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 25.504 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024648.D

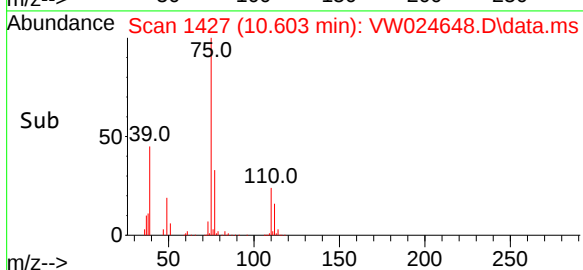
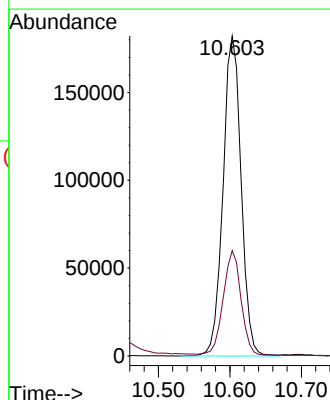
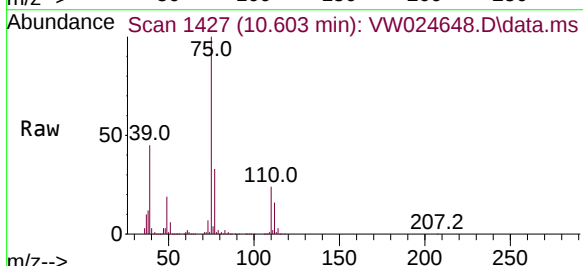
Acq: 28 Sep 2022 09:02

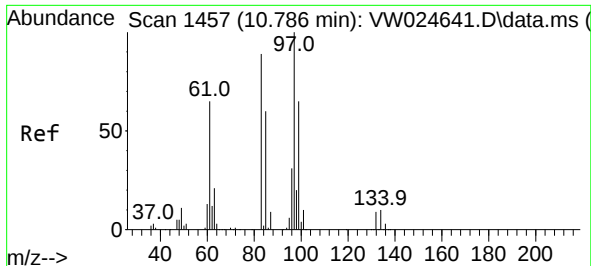
Tgt Ion: 75 Resp: 320057

Ion Ratio Lower Upper

75 100

77 32.9 21.3 39.6

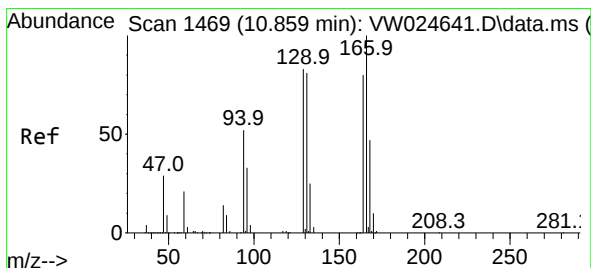
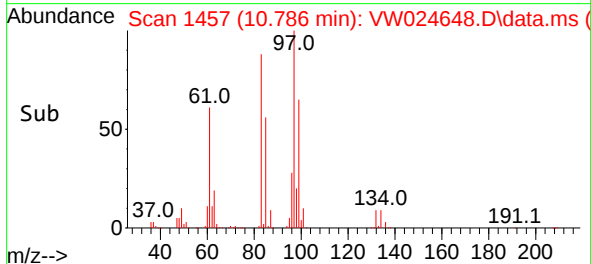
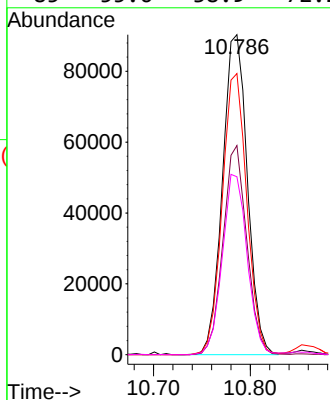
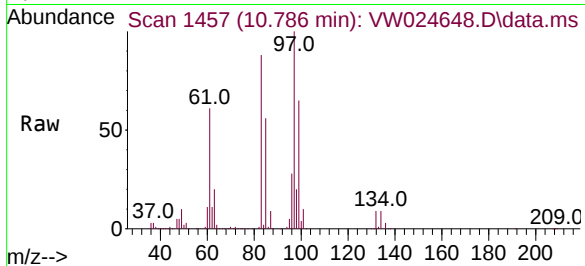




#45
1,1,2-Trichloroethane
Concen: 25.578 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

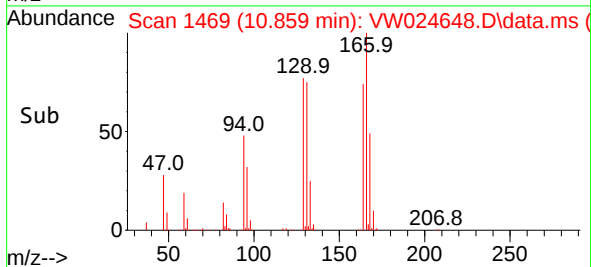
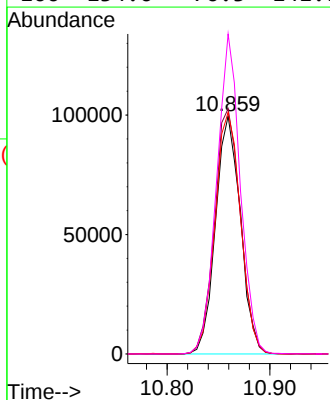
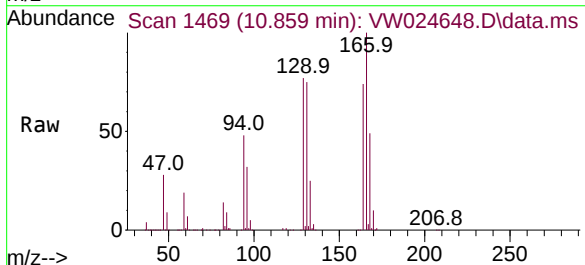
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

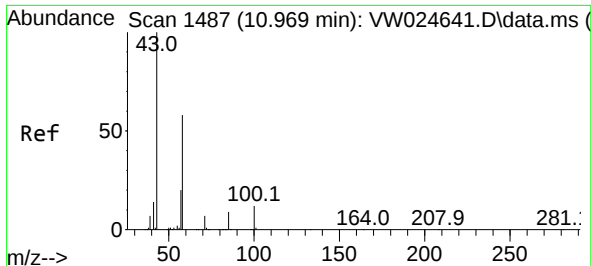
Tgt Ion: 97 Resp: 161719
Ion Ratio Lower Upper
97 100
99 65.3 43.8 81.4
83 87.8 60.1 111.5
85 55.6 38.9 72.2



#46
Tetrachloroethene
Concen: 25.900 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion:164 Resp: 167234
Ion Ratio Lower Upper
164 100
129 103.2 74.1 137.5
131 101.6 71.5 132.7
166 134.6 76.3 141.7



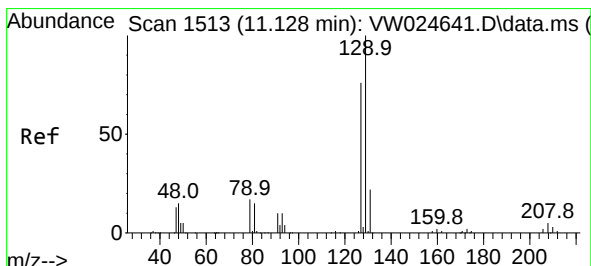
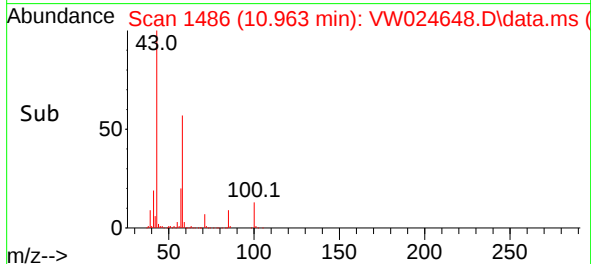
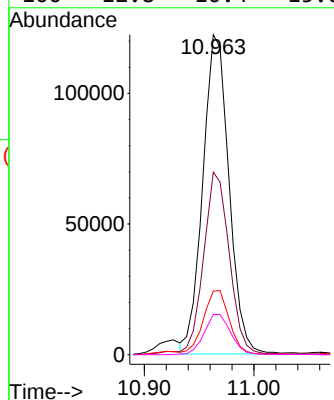
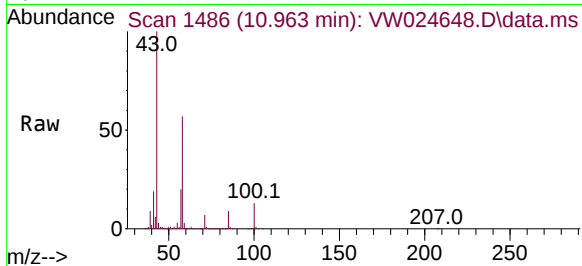


#48
2-Hexanone
Concen: 54.795 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

Tgt Ion: 43 Resp: 203008

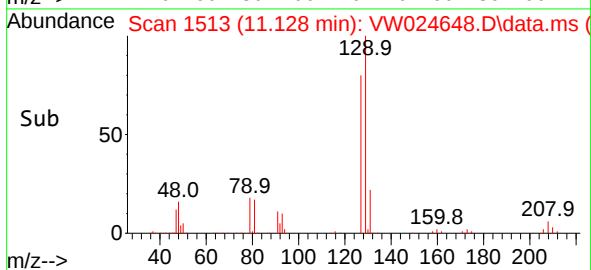
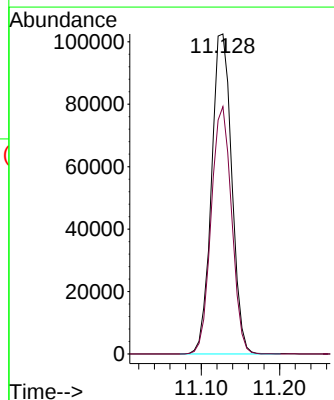
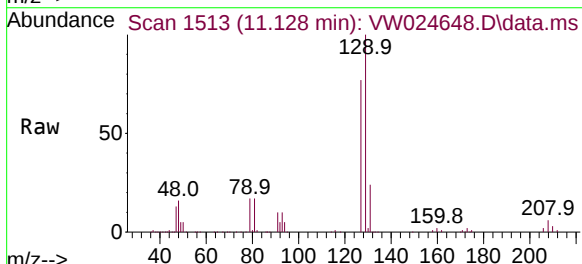
Ion	Ratio	Lower	Upper
43	100		
58	55.4	45.3	67.9
57	20.1	16.3	24.5
100	12.8	10.4	15.6

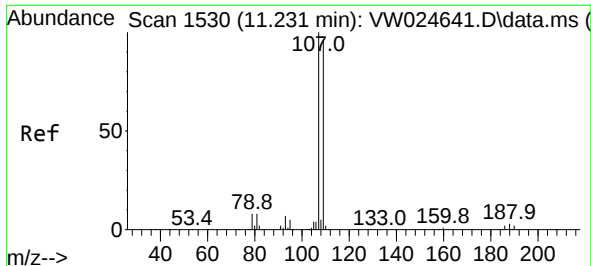


#49
Dibromochloromethane
Concen: 25.860 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion: 129 Resp: 184108

Ion	Ratio	Lower	Upper
129	100		
127	77.3	52.4	97.4

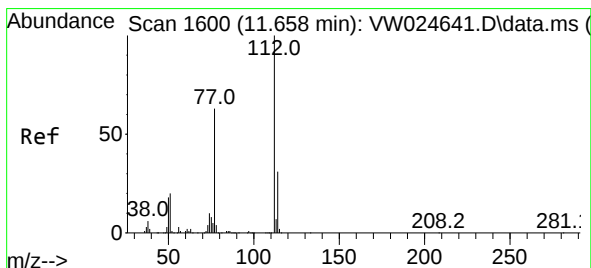
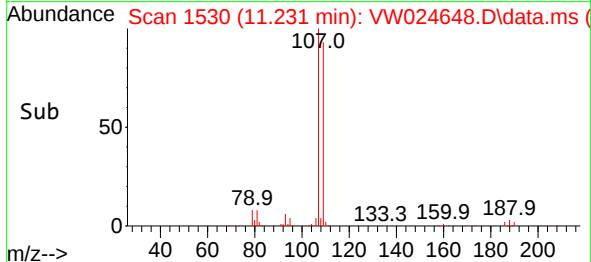
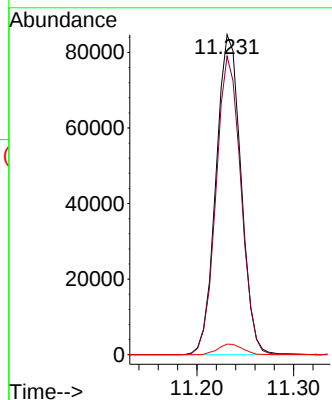
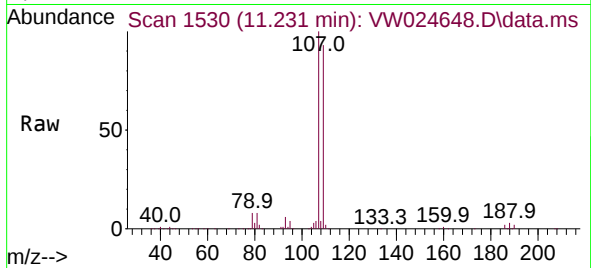




#50
1,2-Dibromoethane
Concen: 25.351 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

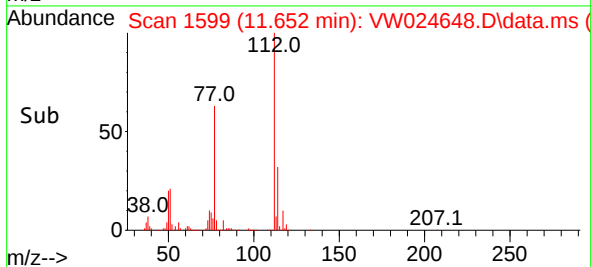
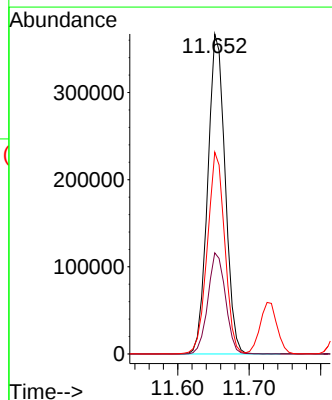
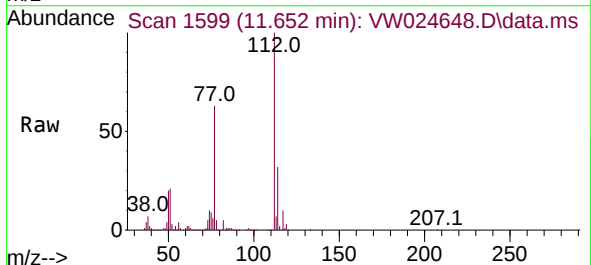
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

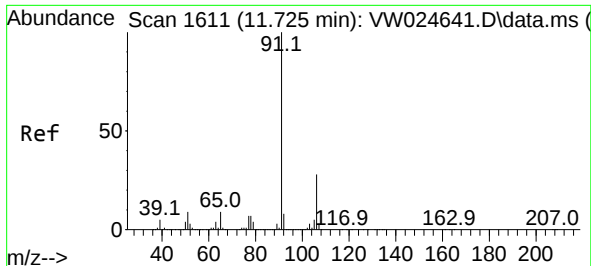
Tgt Ion:107 Resp: 151713
Ion Ratio Lower Upper
107 100
109 93.3 65.5 121.7
188 3.3 2.4 3.6



#51
Chlorobenzene
Concen: 26.142 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion:112 Resp: 619748
Ion Ratio Lower Upper
112 100
114 31.6 23.3 43.3
77 63.1 49.1 73.7

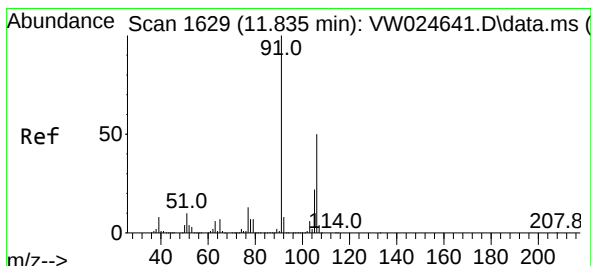
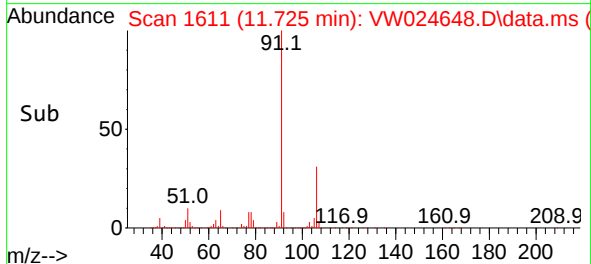
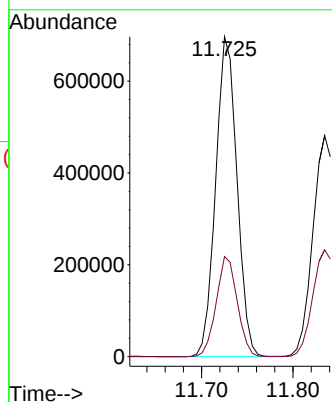
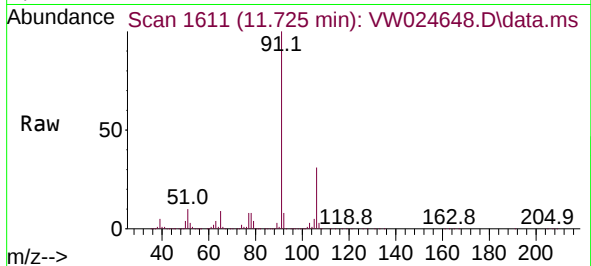




#52
Ethylbenzene
Concen: 26.451 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

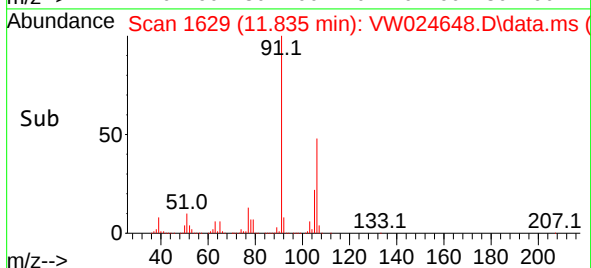
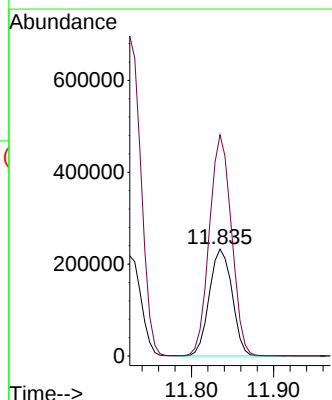
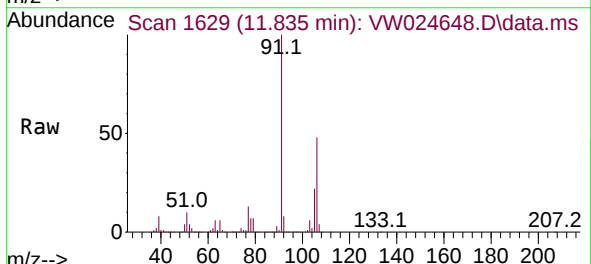
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

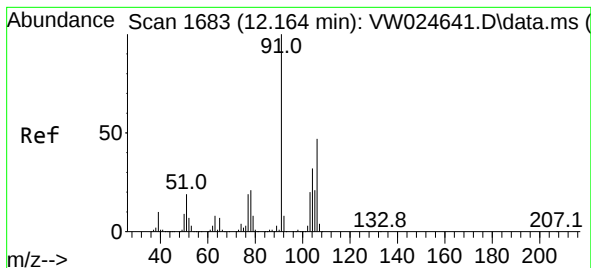
Tgt Ion: 91 Resp: 1128082
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 26.889 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion:106 Resp: 447808
Ion Ratio Lower Upper
106 100
91 206.7 146.8 272.6





#54

o-Xylene

Concen: 26.369 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

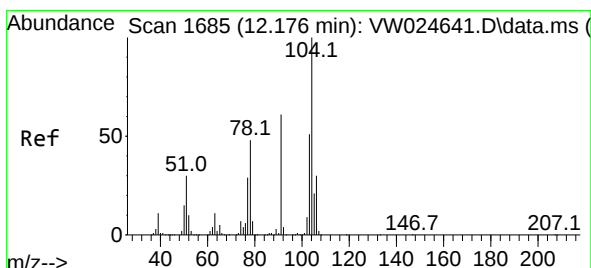
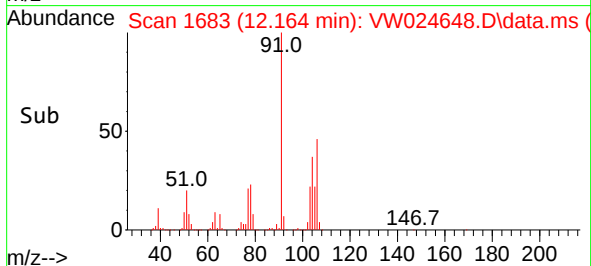
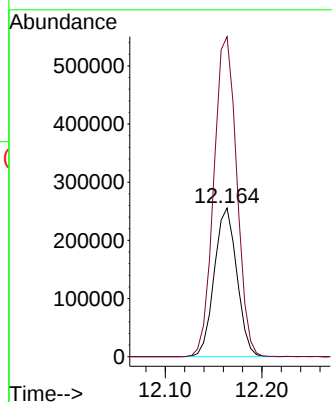
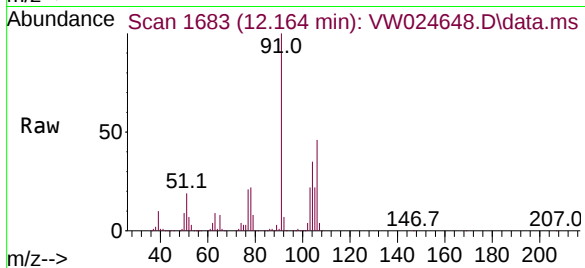
VSTD025576

Tgt Ion:106 Resp: 414690

Ion Ratio Lower Upper

106 100

91 215.3 146.3 271.7



#55

Styrene

Concen: 26.053 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024648.D

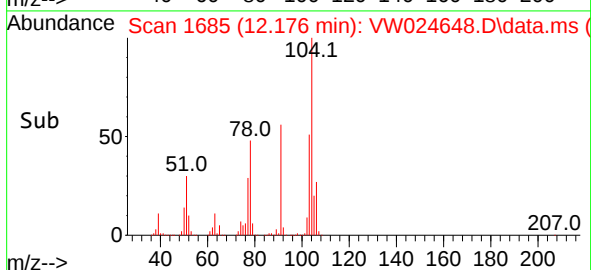
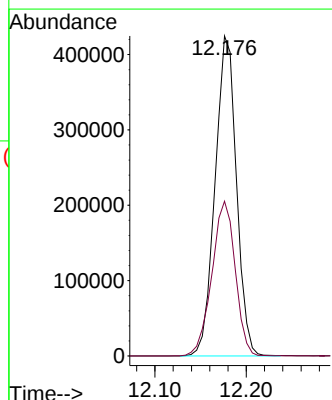
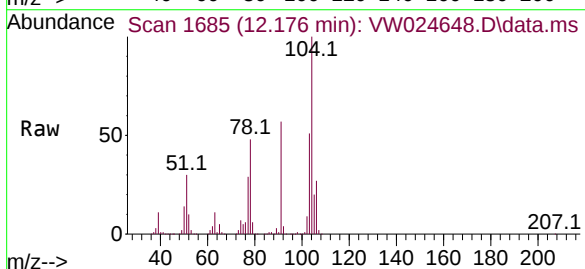
Acq: 28 Sep 2022 09:02

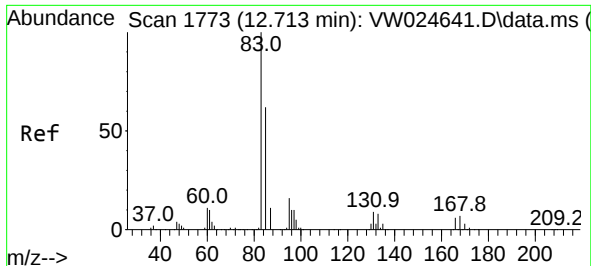
Tgt Ion:104 Resp: 690724

Ion Ratio Lower Upper

104 100

78 48.3 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.275 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

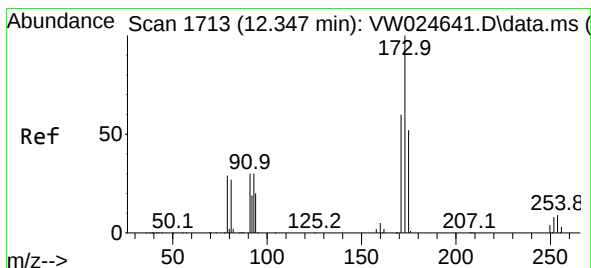
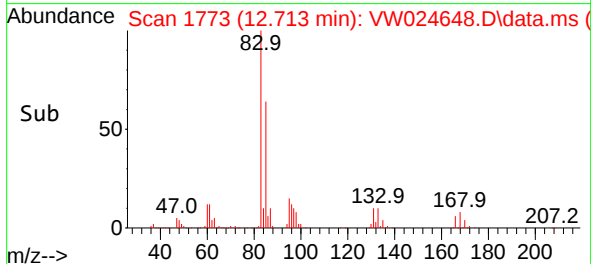
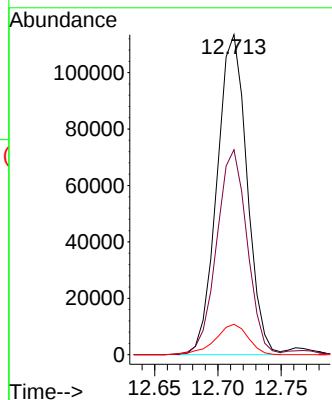
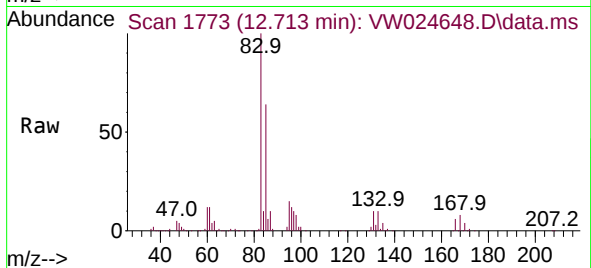
Tgt Ion: 83 Resp: 187107

Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0

131 9.5 7.3 10.9



#59

Bromoform

Concen: 25.661 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

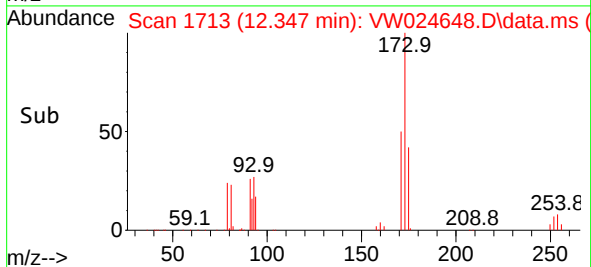
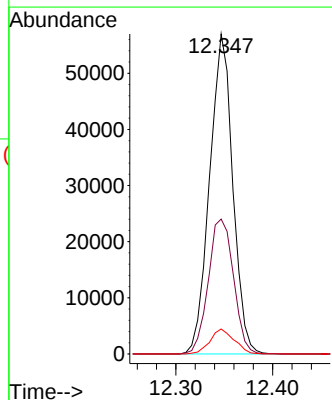
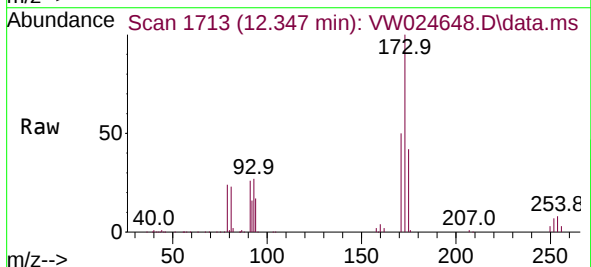
Tgt Ion:173 Resp: 94596

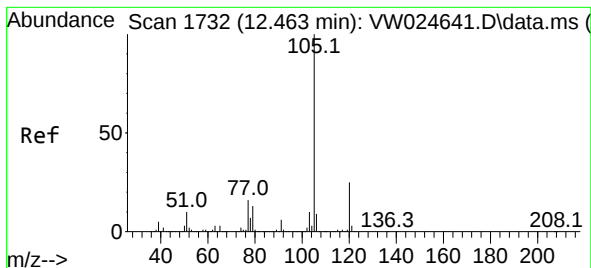
Ion Ratio Lower Upper

173 100

175 45.9 37.7 56.5

254 8.2 6.7 10.1





#60

Isopropylbenzene

Concen: 26.413 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

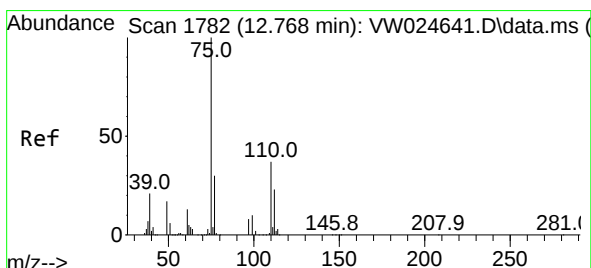
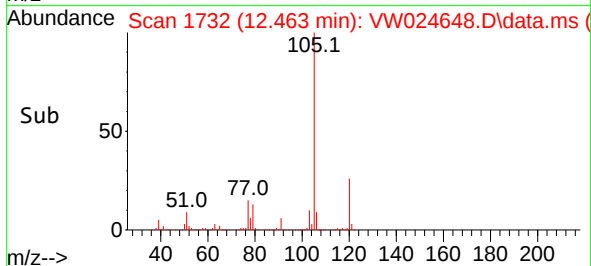
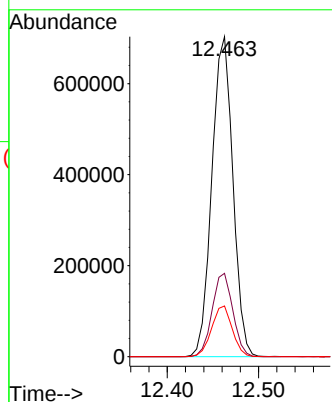
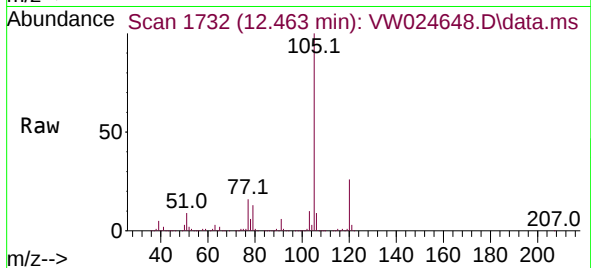
Tgt Ion:105 Resp: 1122687

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 15.6 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 24.558 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

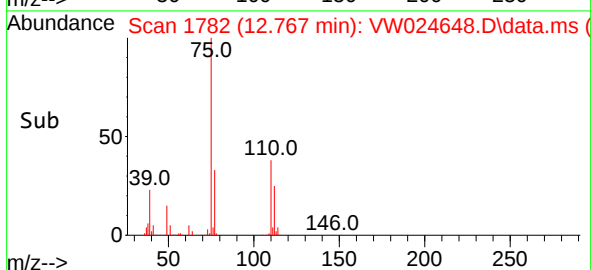
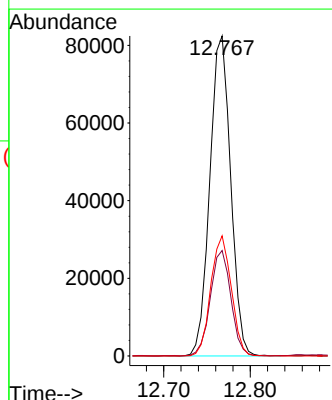
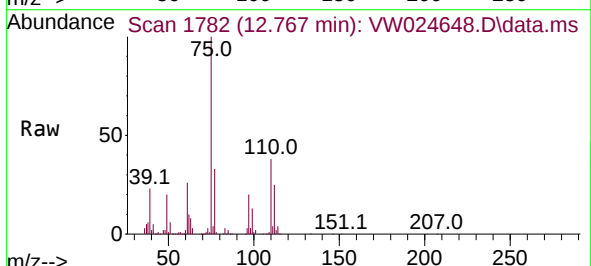
Tgt Ion: 75 Resp: 137956

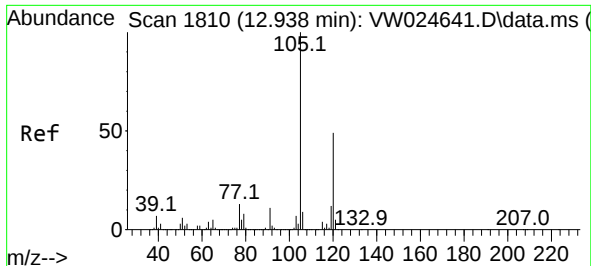
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.6

110 36.8 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 26.249 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

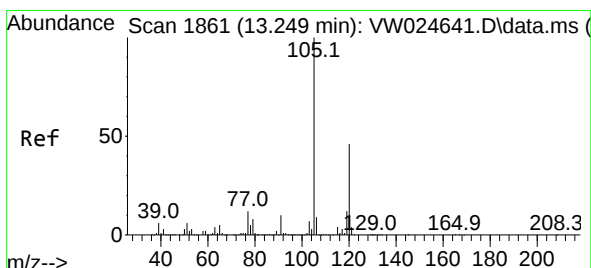
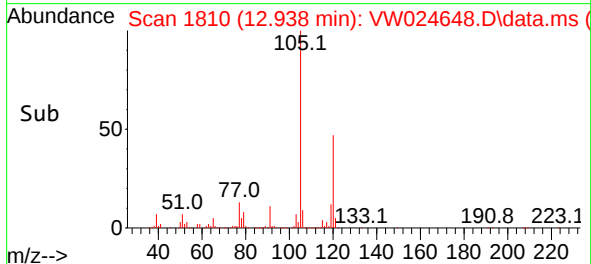
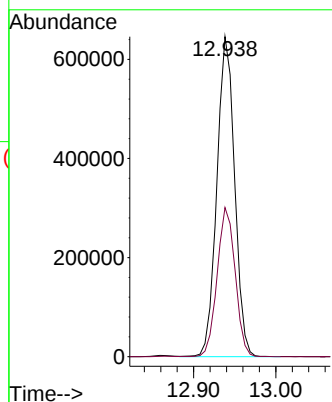
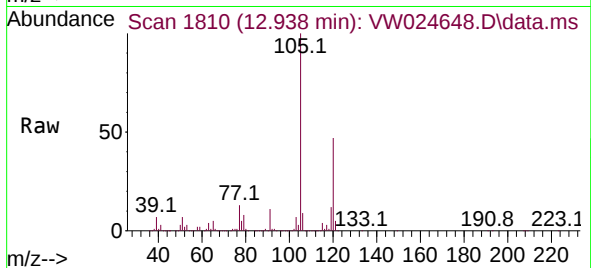
VSTD025576

Tgt Ion:105 Resp: 969699

Ion Ratio Lower Upper

105 100

120 47.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 26.691 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024648.D

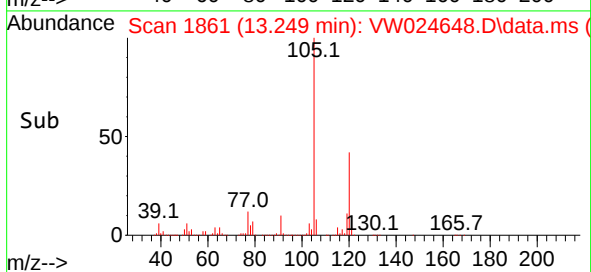
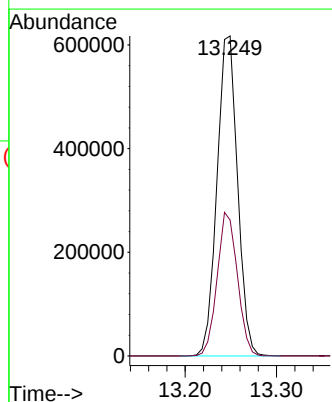
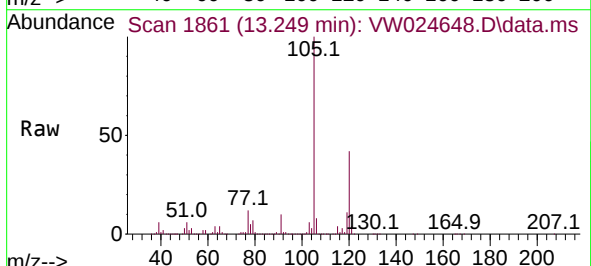
Acq: 28 Sep 2022 09:02

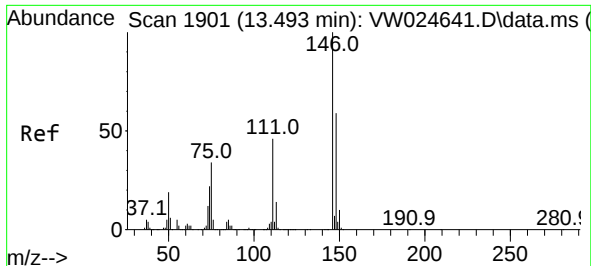
Tgt Ion:105 Resp: 965961

Ion Ratio Lower Upper

105 100

120 44.2 35.2 52.8

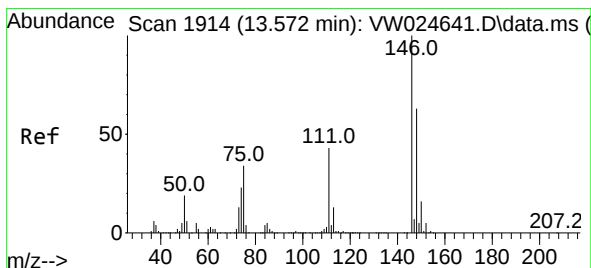
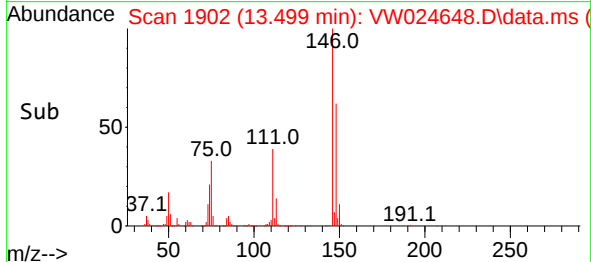
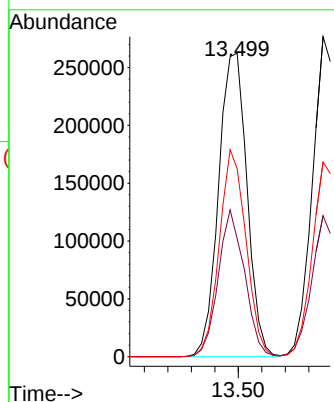
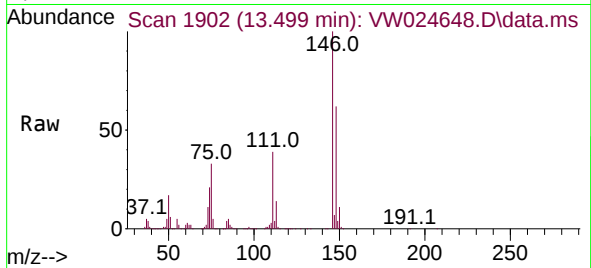




#64
1,3-Dichlorobenzene
Concen: 25.539 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

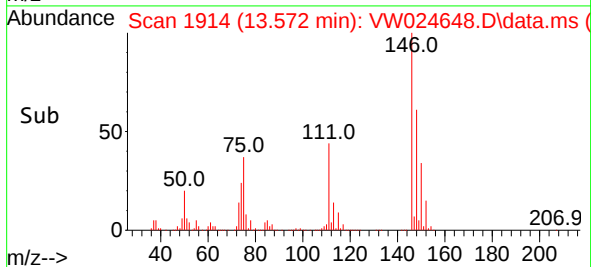
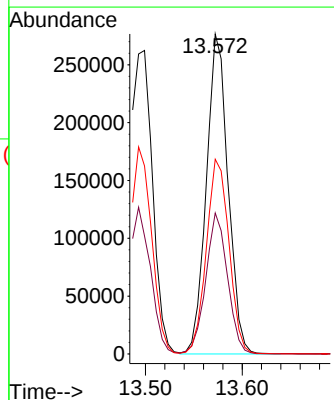
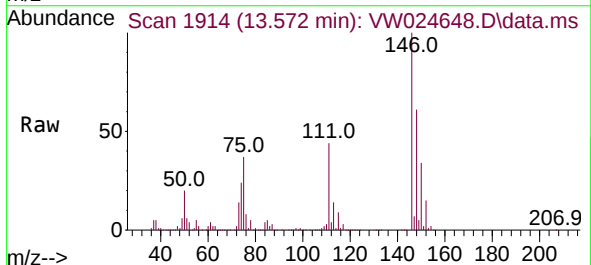
Instrument :
MSVOA_W
ClientSampleId :
VSTD025576

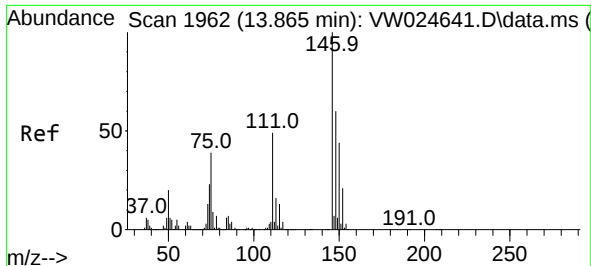
Tgt Ion:146 Resp: 441006
Ion Ratio Lower Upper
146 100
111 38.9 31.6 58.6
148 62.0 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 25.674 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024648.D
Acq: 28 Sep 2022 09:02

Tgt Ion:146 Resp: 431571
Ion Ratio Lower Upper
146 100
111 44.0 29.4 54.6
148 60.9 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 25.057 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

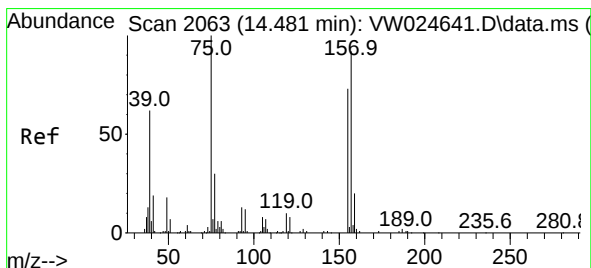
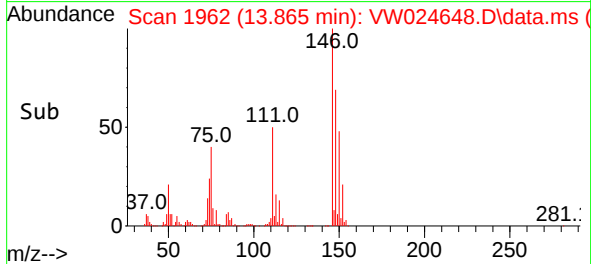
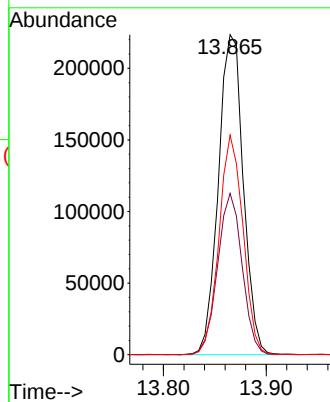
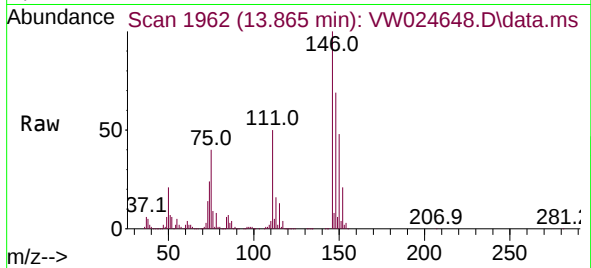
Tgt Ion:146 Resp: 376876

Ion Ratio Lower Upper

146 100

111 50.4 37.2 55.8

148 68.6 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.885 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

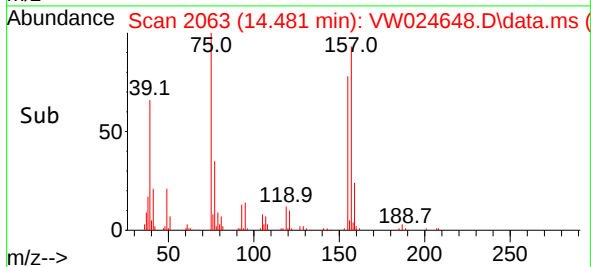
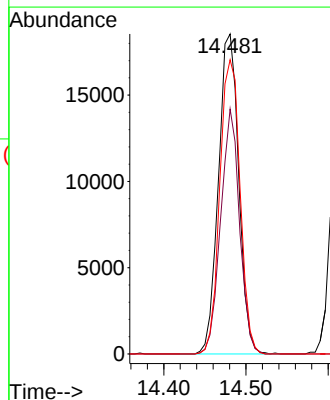
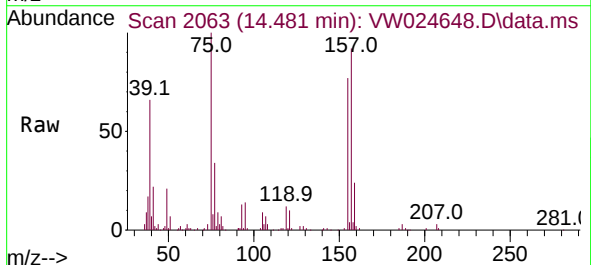
Tgt Ion: 75 Resp: 31730

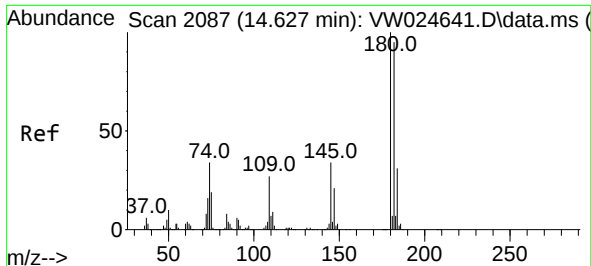
Ion Ratio Lower Upper

75 100

155 76.6 57.6 86.4

157 92.0 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 26.359 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

Tgt Ion:180 Resp: 302221

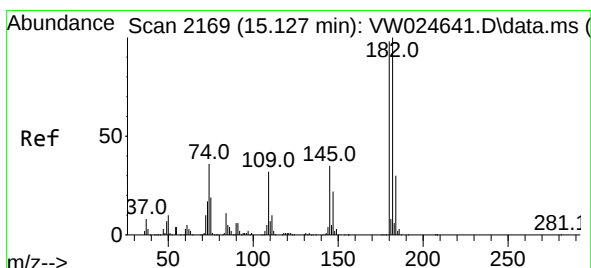
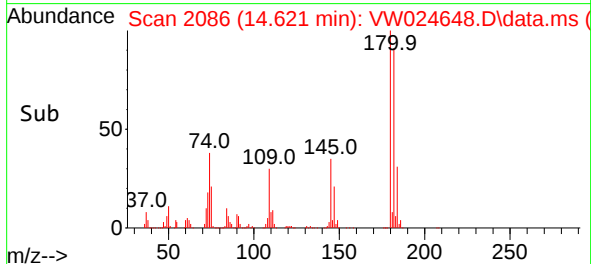
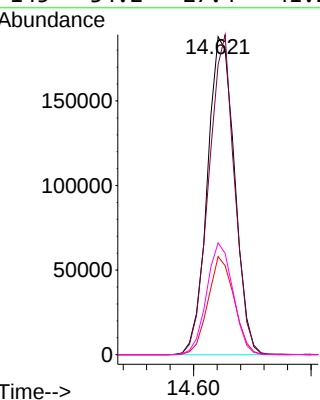
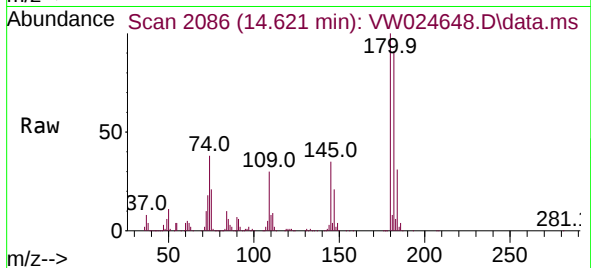
Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

184 29.6 23.3 34.9

145 34.2 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 24.935 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

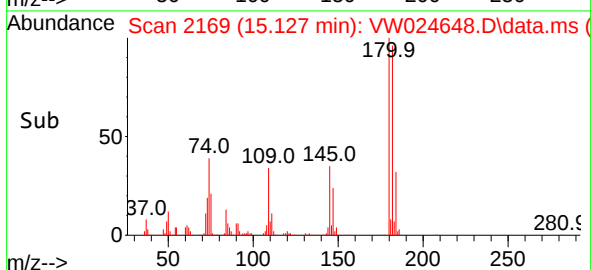
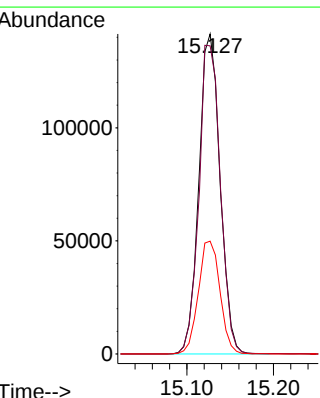
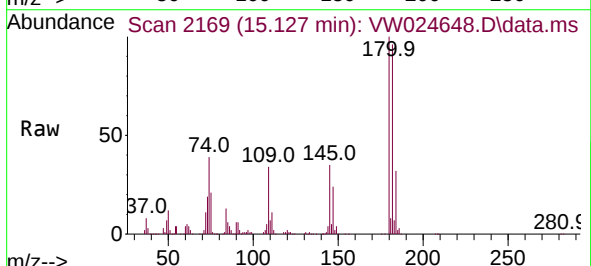
Tgt Ion:180 Resp: 240178

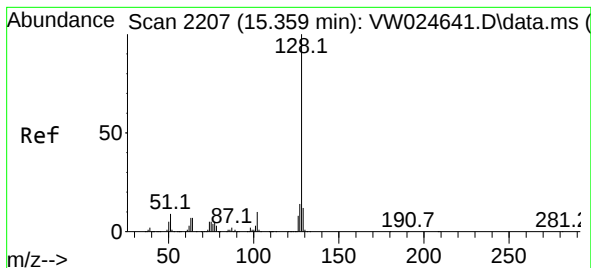
Ion Ratio Lower Upper

180 100

182 98.1 76.8 115.2

145 36.1 29.0 43.4





#71

Naphthalene

Concen: 24.847 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025576

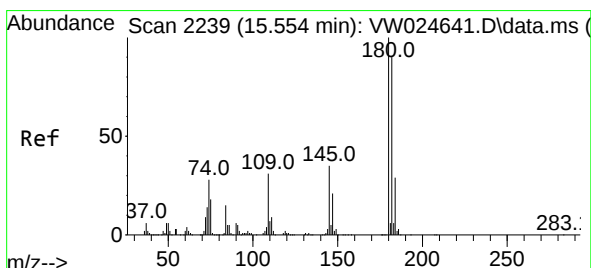
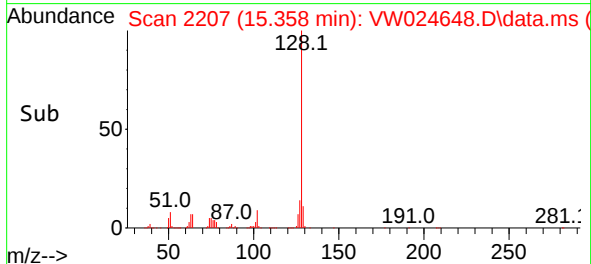
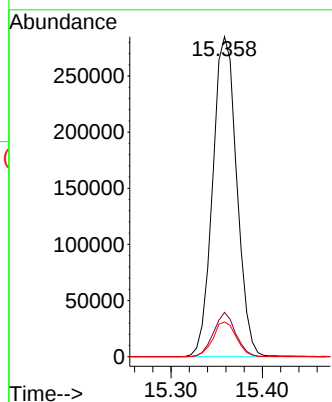
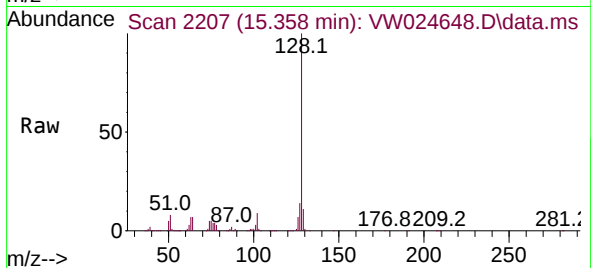
Tgt Ion:128 Resp: 521097

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.6 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.413 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024648.D

Acq: 28 Sep 2022 09:02

Tgt Ion:180 Resp: 208327

Ion Ratio Lower Upper

180 100

182 93.8 77.4 116.2

145 37.2 30.6 45.8

