

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024978.D
 Acq On : 26 Oct 2022 10:29
 Operator : SY/VA
 Sample : VSTD2.561
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5461

Quant Time: Oct 27 04:15:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316999	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	286729	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	139131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	8399	2.361	ug/L	0.00
7) Chloroethane-d5	2.891	69	4986	2.392	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	11348	1.281	ug/L	0.00
21) 2-Butanone-d5	7.080	46	2772	2.309	ug/L	0.00
24) Chloroform-d	7.659	84	23012	2.392	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13242	2.459	ug/L	0.00
32) Benzene-d6	8.275	84	45919	2.499	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	13778	2.559	ug/L	0.00
41) Toluene-d8	10.323	98	42056	2.458	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5548	2.323	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4193	4.508	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	10392	2.417	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	13751	2.572	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	1805	1.659	ug/L	92
3) Chloromethane	2.221	50	6683	2.628	ug/L	96
5) Vinyl chloride	2.367	62	8986	2.557	ug/L	94
6) Bromomethane	2.782	94	4806	2.741	ug/L	94
8) Chloroethane	2.922	64	3780	2.579	ug/L	94
9) Trichlorofluoromethane	3.263	101	7656	2.597	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	10753	2.576	ug/L #	91
12) 1,1-Dichloroethene	4.044	96	10343	2.630	ug/L	87
13) Acetone	4.123	43	2773	3.255	ug/L	82
14) Carbon disulfide	4.391	76	29601	2.577	ug/L	98
15) Methyl Acetate	4.684	43	2413	1.413	ug/L	98
16) Methylene chloride	4.922	84	22399	3.980	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	10807	2.567	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	17819	2.523	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	20541	2.635	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	12133	2.644	ug/L	99
22) 2-Butanone	7.177	43	8161	6.385	ug/L #	61
23) Bromochloromethane	7.519	128	5398	2.713	ug/L	95
25) Chloroform	7.683	83	21575	2.622	ug/L	95
27) 1,2-Dichloroethane	8.403	62	14736	2.641	ug/L	98
29) Cyclohexane	7.958	56	17375	2.566	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	19309	2.752	ug/L	97
31) Carbon tetrachloride	8.073	117	16500	2.632	ug/L	98
33) Benzene	8.323	78	47312	2.740	ug/L	100
34) Trichloroethene	9.098	95	12254	2.681	ug/L	95
35) Methylcyclohexane	9.335	83	20232	2.605	ug/L	99
37) 1,2-Dichloropropane	9.372	63	11340	2.706	ug/L	97
38) Bromodichloromethane	9.646	83	14936	2.554	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	16332	2.465	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	12631	5.136	ug/L	95
42) Toluene	10.390	91	48392	2.640	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	14532	2.467	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024978.D
 Acq On : 26 Oct 2022 10:29
 Operator : SY/VA
 Sample : VSTD2.561
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5461

Quant Time: Oct 27 04:15:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

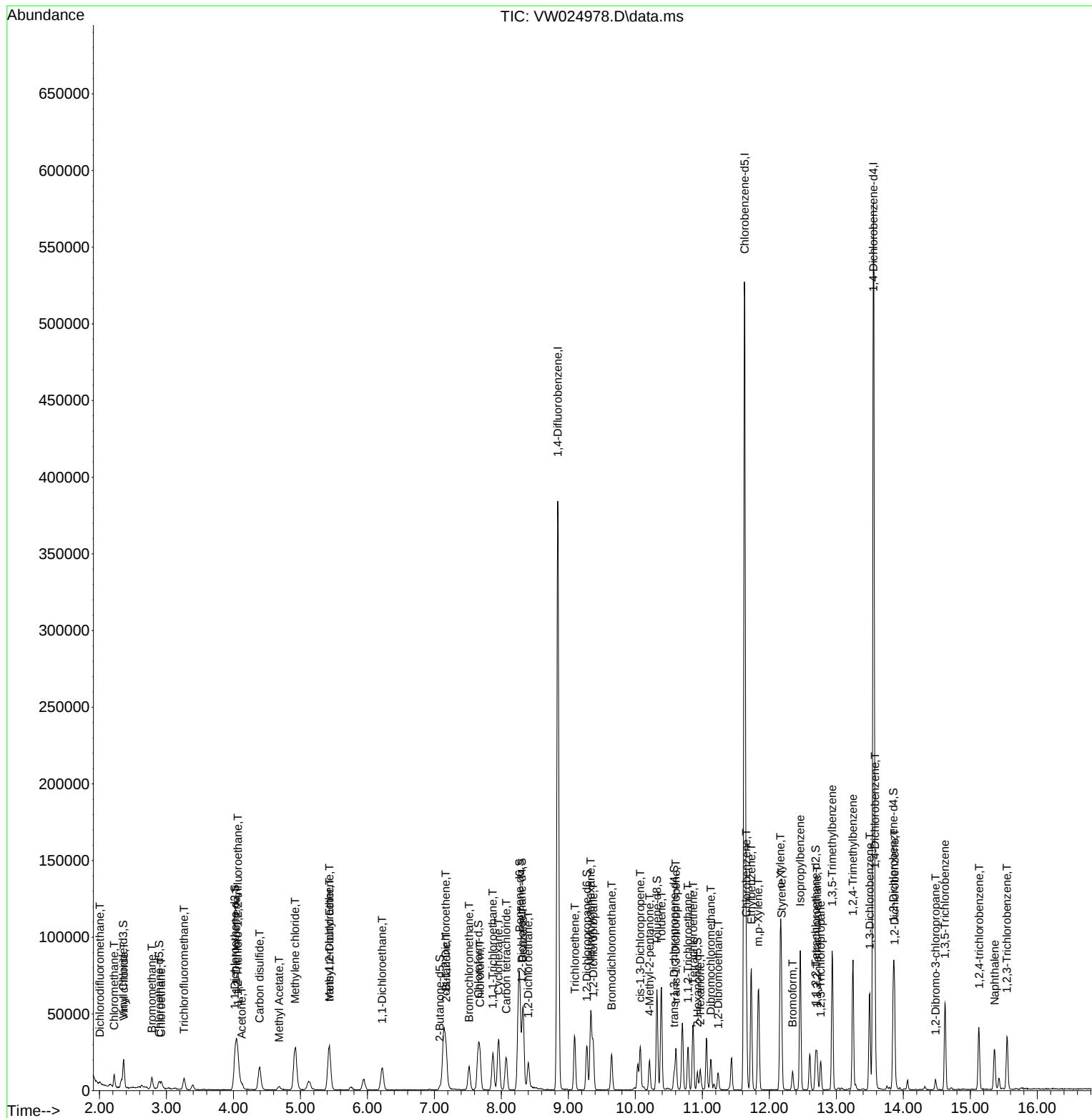
45) 1,1,2-Trichloroethane	10.786	97	8371	2.646	ug/L	94
46) Tetrachloroethene	10.866	164	9209	2.817	ug/L	91
48) 2-Hexanone	10.969	43	8610	5.062	ug/L	99
49) Dibromochloromethane	11.128	129	9946	2.579	ug/L	95
50) 1,2-Dibromoethane	11.237	107	7686	2.568	ug/L	100
51) Chlorobenzene	11.658	112	32701	2.752	ug/L	97
52) Ethylbenzene	11.731	91	56491	2.670	ug/L	97
53) m,p-Xylene	11.835	106	21862	2.669	ug/L	90
54) o-Xylene	12.164	106	20121	2.604	ug/L	92
55) Styrene	12.182	104	34068	2.538	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	9854	2.596	ug/L	94
59) Bromoform	12.347	173	5092	2.588	ug/L #	93
60) Isopropylbenzene	12.463	105	55474	2.652	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	7559	2.704	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	48347	2.663	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	45769	2.570	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	24956	2.861	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	24255	2.786	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	21598	2.753	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1600	2.477	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.621	180	15911	2.754	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	11606	2.584	ug/L	98
71) Naphthalene	15.365	128	22669	2.393	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10211	2.609	ug/L	95

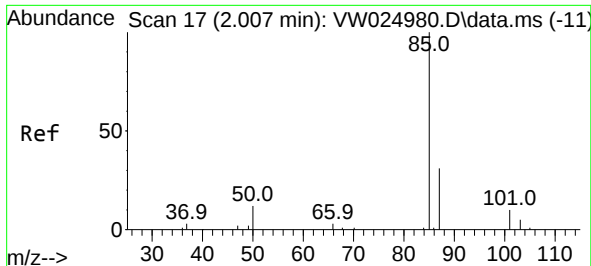
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
Data File : VW024978.D
Acq On : 26 Oct 2022 10:29
Operator : SY/VA
Sample : VSTD2.561
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

Quant Time: Oct 27 04:15:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 04:14:11 2022
Response via : Initial Calibration

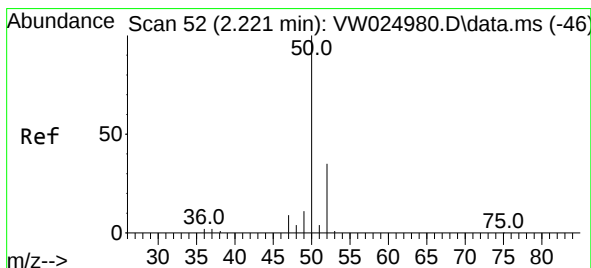
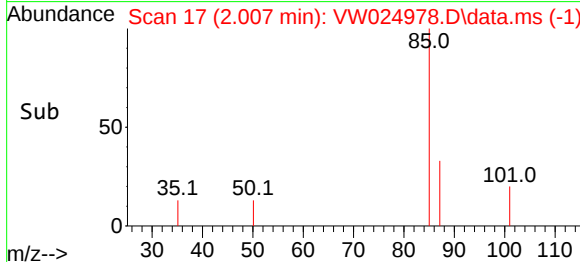
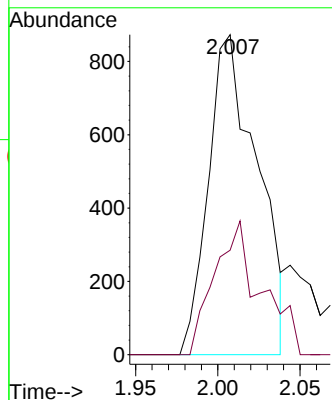
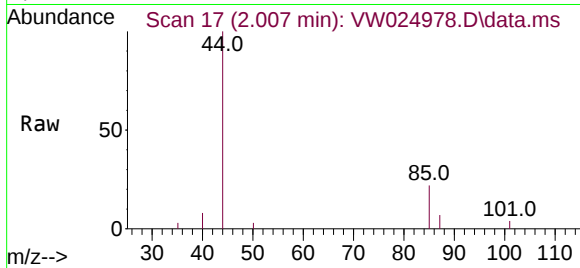




#2
 Dichlorodifluoromethane
 Concen: 1.659 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024978.D
 Acq: 26 Oct 2022 10:29

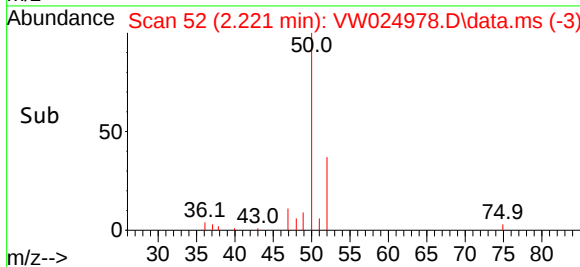
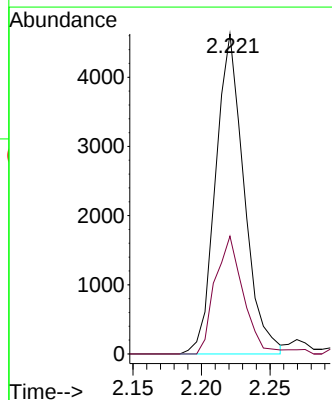
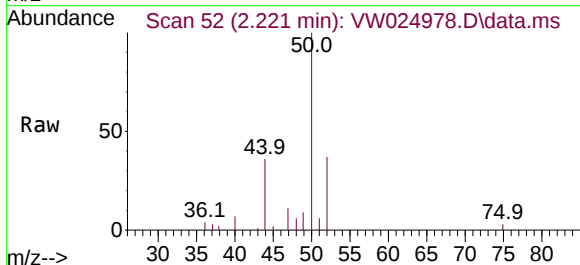
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5461

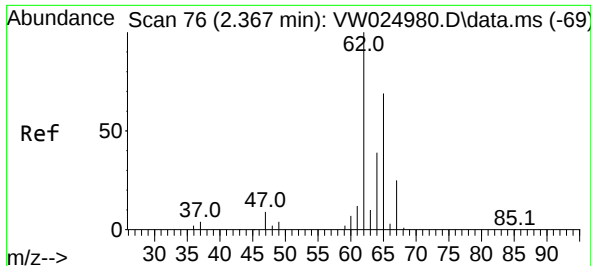
Tgt Ion: 85 Resp: 1805
 Ion Ratio Lower Upper
 85 100
 87 27.9 25.9 38.9



#3
 Chloromethane
 Concen: 2.628 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024978.D
 Acq: 26 Oct 2022 10:29

Tgt Ion: 50 Resp: 6683
 Ion Ratio Lower Upper
 50 100
 52 36.8 24.1 44.8

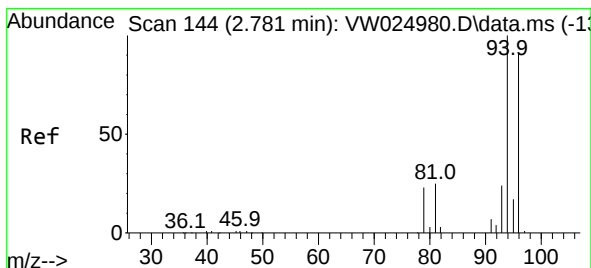
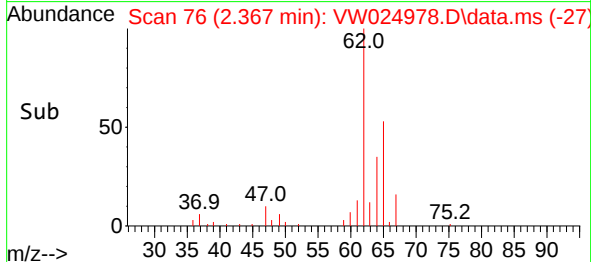
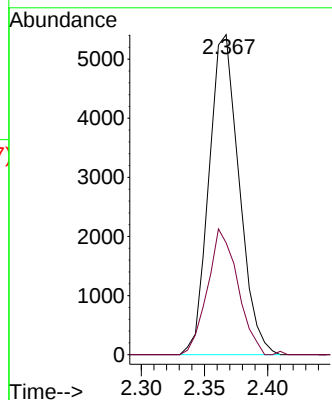
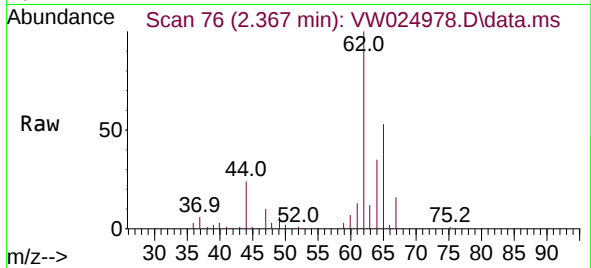




#5
 Vinyl chloride
 Concen: 2.557 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024978.D
 Acq: 26 Oct 2022 10:29

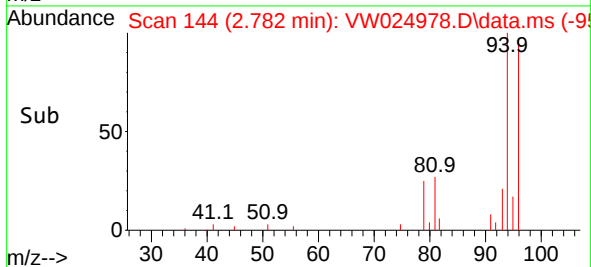
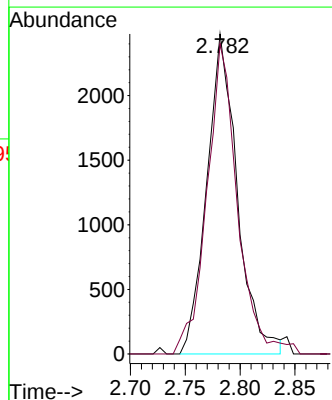
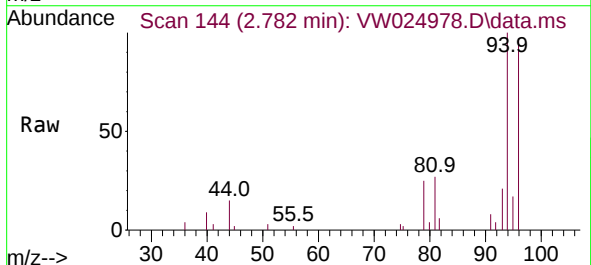
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5461

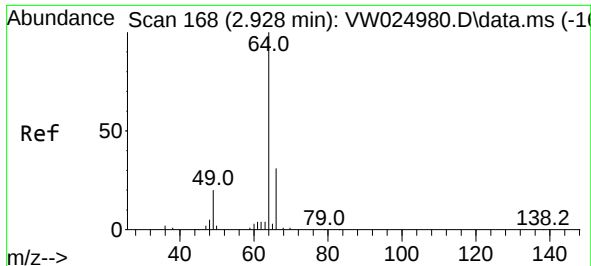
Tgt Ion: 62 Resp: 8986
 Ion Ratio Lower Upper
 62 100
 64 35.0 27.2 50.6



#6
 Bromomethane
 Concen: 2.741 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024978.D
 Acq: 26 Oct 2022 10:29

Tgt Ion: 94 Resp: 4806
 Ion Ratio Lower Upper
 94 100
 96 96.9 63.8 118.6

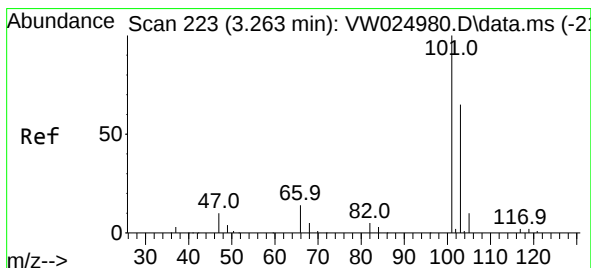
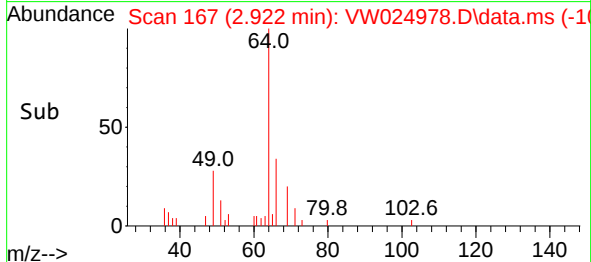
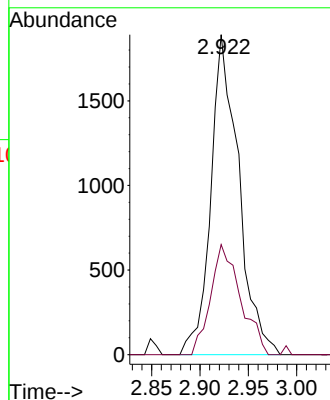
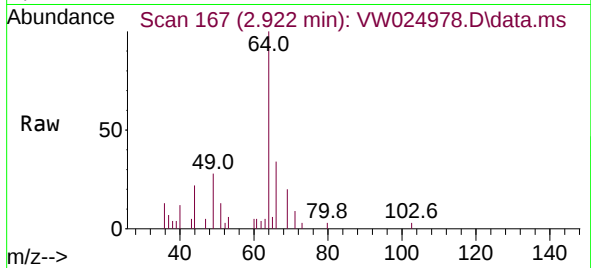




#8
Chloroethane
Concen: 2.579 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

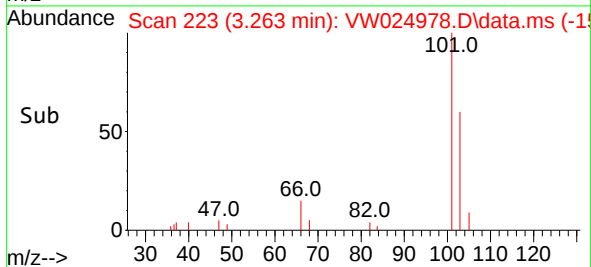
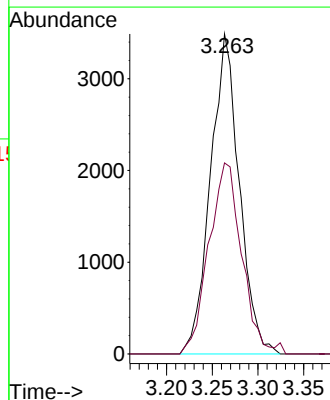
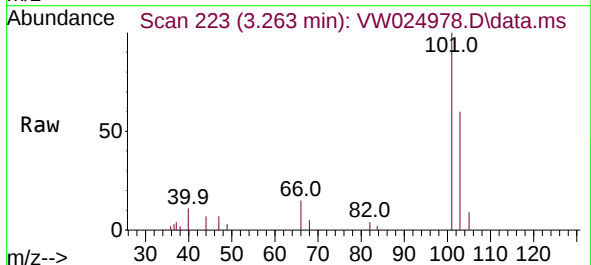
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

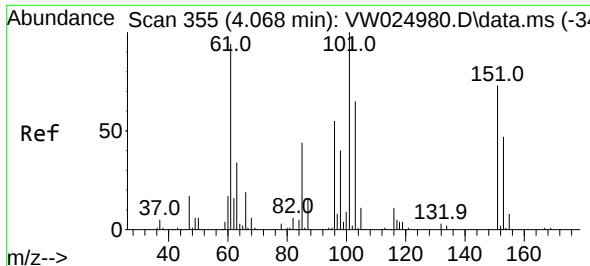
Tgt Ion: 64 Resp: 3780
Ion Ratio Lower Upper
64 100
66 34.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 2.597 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion:101 Resp: 7656
Ion Ratio Lower Upper
101 100
103 67.6 51.4 77.0

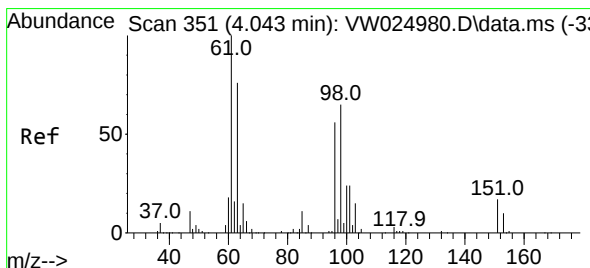
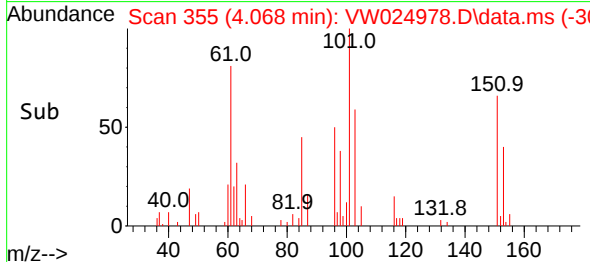
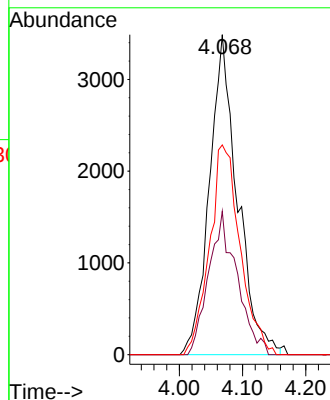
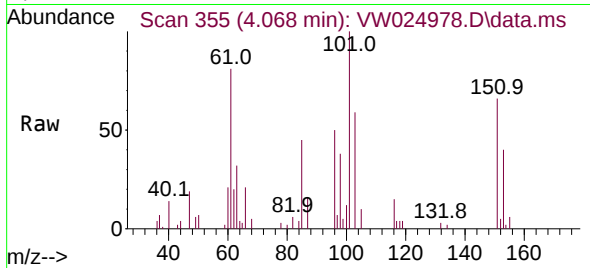




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.576 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024978.D
 Acq: 26 Oct 2022 10:29

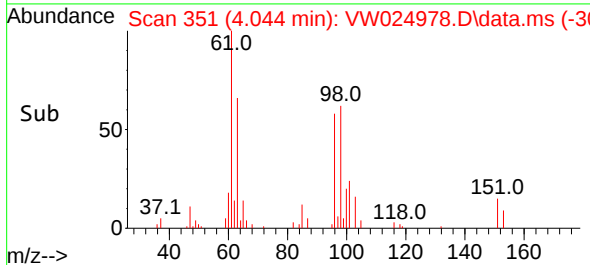
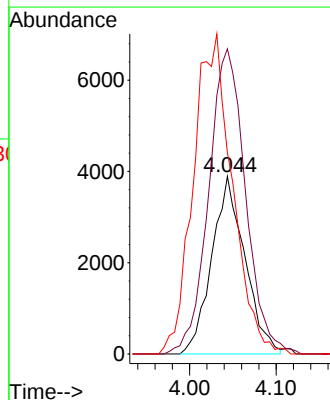
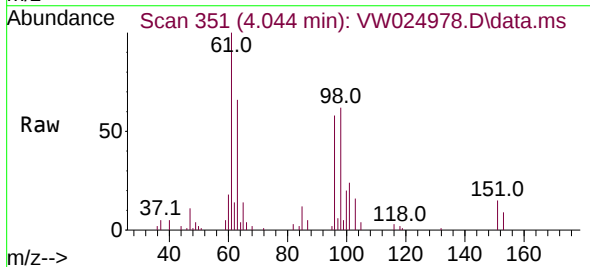
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5461

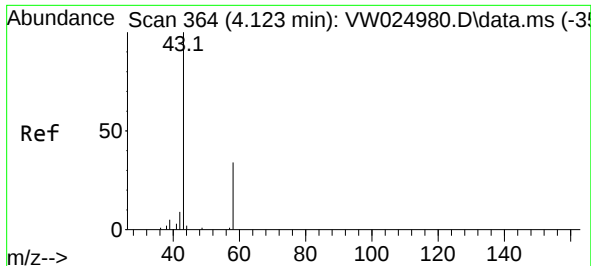
Tgt Ion:101 Resp: 10753
 Ion Ratio Lower Upper
 101 100
 85 31.6 36.5 54.7#
 151 71.3 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 2.630 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024978.D
 Acq: 26 Oct 2022 10:29

Tgt Ion: 96 Resp: 10343
 Ion Ratio Lower Upper
 96 100
 61 171.8 126.2 234.4
 63 113.3 98.3 182.7





#13

Acetone

Concen: 3.255 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

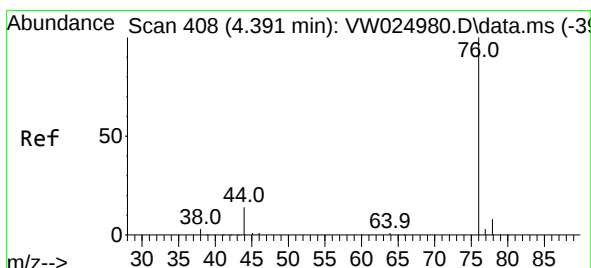
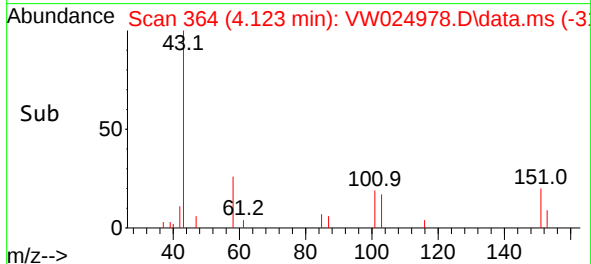
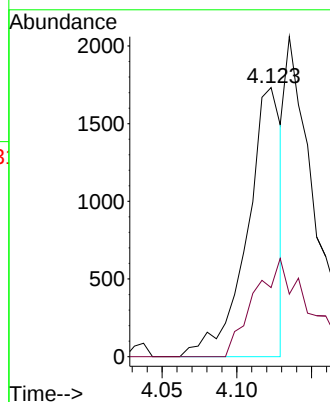
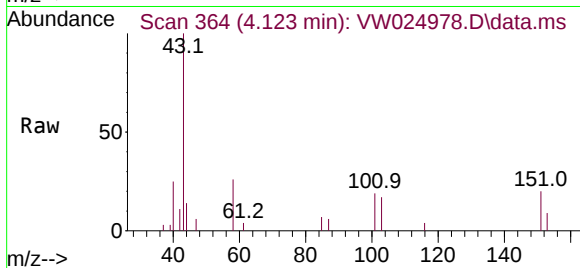
VSTD2.5461

Tgt Ion: 43 Resp: 2773

Ion Ratio Lower Upper

43 100

58 22.5 0.0 65.4



#14

Carbon disulfide

Concen: 2.577 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW024978.D

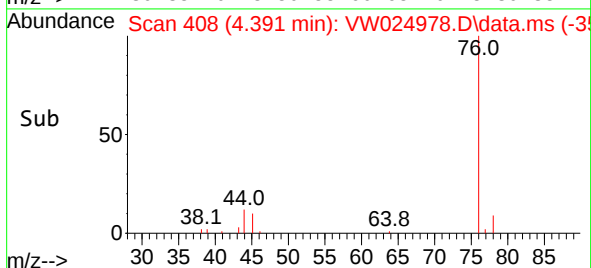
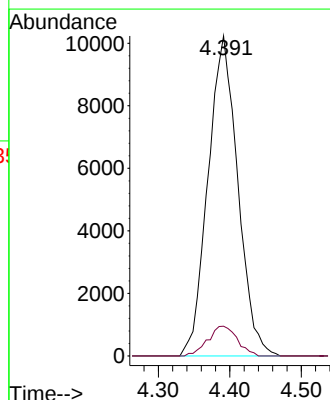
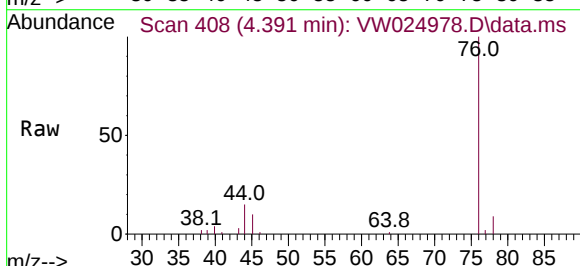
Acq: 26 Oct 2022 10:29

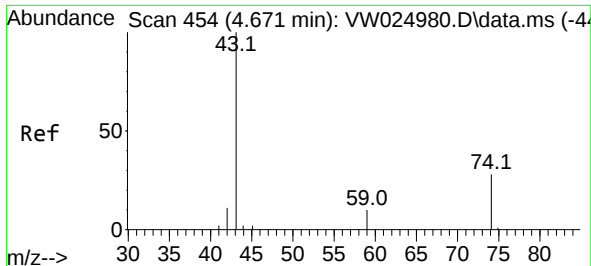
Tgt Ion: 76 Resp: 29601

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

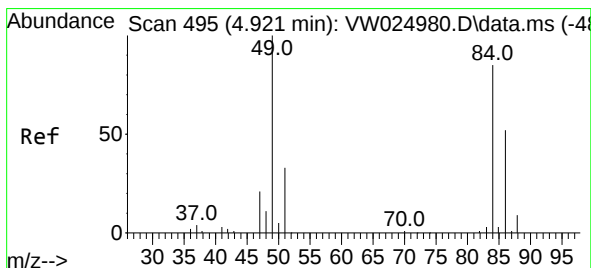
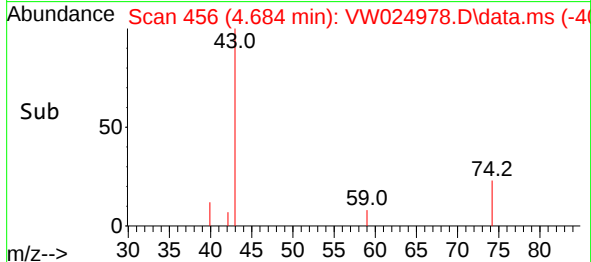
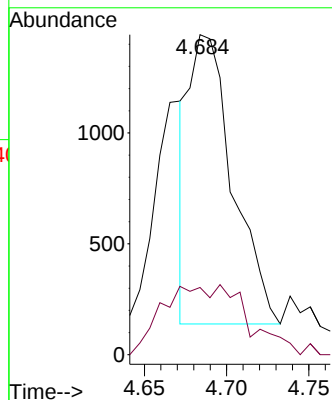
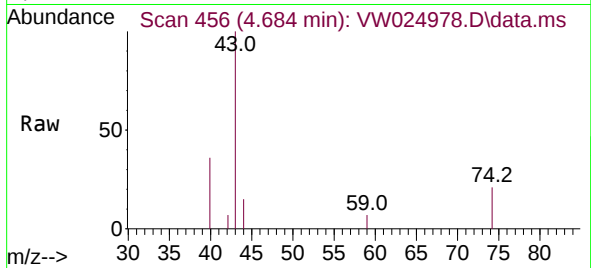




#15
Methyl Acetate
Concen: 1.413 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

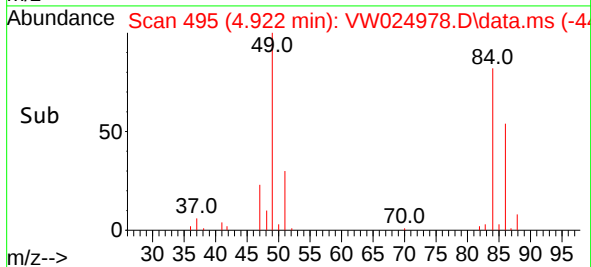
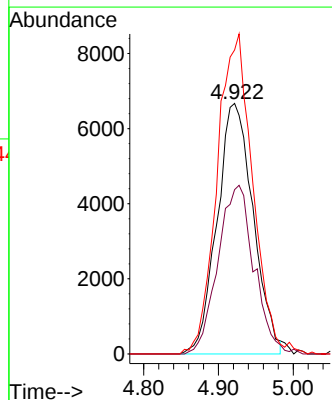
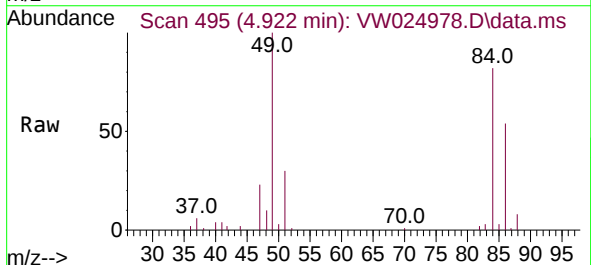
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

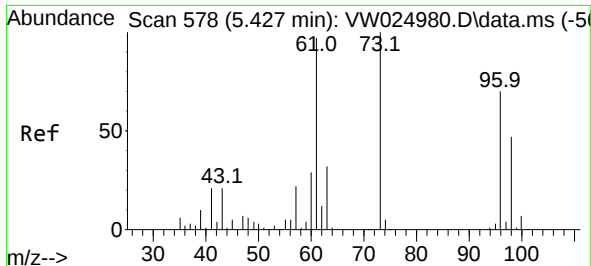
Tgt Ion: 43 Resp: 2413
Ion Ratio Lower Upper
43 100
74 26.9 20.6 30.8



#16
Methylene chloride
Concen: 3.980 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion: 84 Resp: 22399
Ion Ratio Lower Upper
84 100
86 65.6 42.6 79.0
49 121.3 81.9 152.1

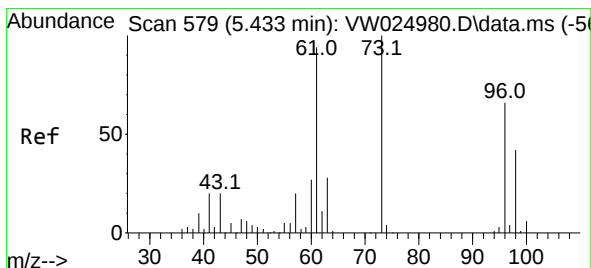
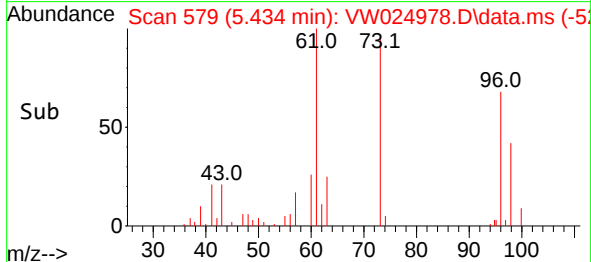
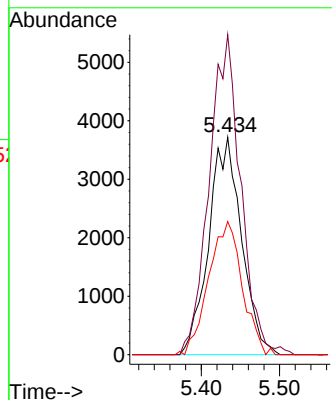
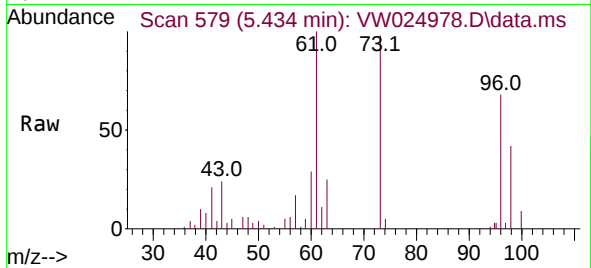




#17
trans-1,2-Dichloroethene
Concen: 2.567 ug/L
RT: 5.434 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

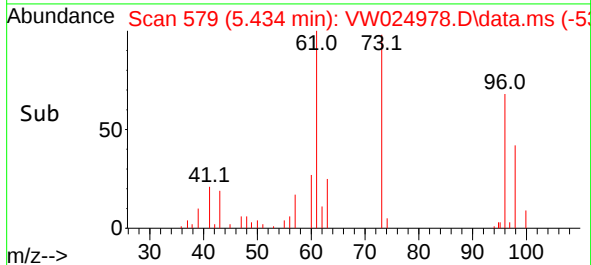
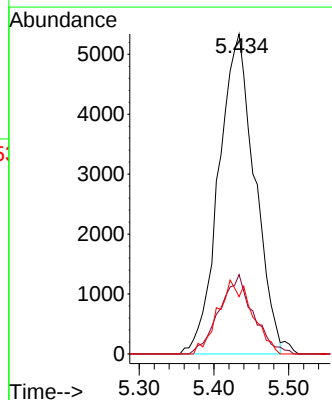
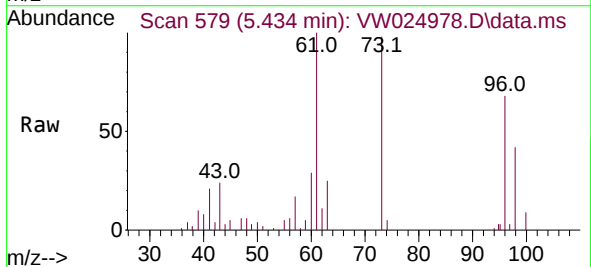
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

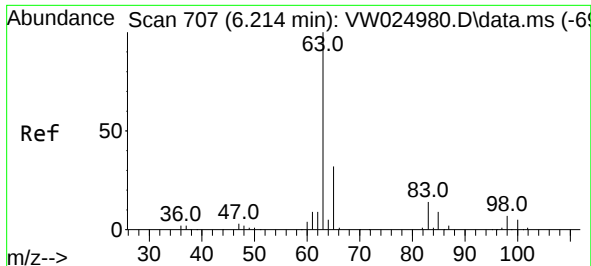
Tgt Ion: 96 Resp: 10807
Ion Ratio Lower Upper
96 100
61 147.1 97.6 181.2
98 61.2 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 2.523 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion: 73 Resp: 17819
Ion Ratio Lower Upper
73 100
43 23.4 16.6 24.8
57 13.7 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 2.635 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5461

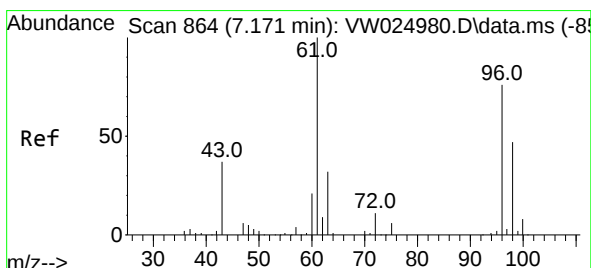
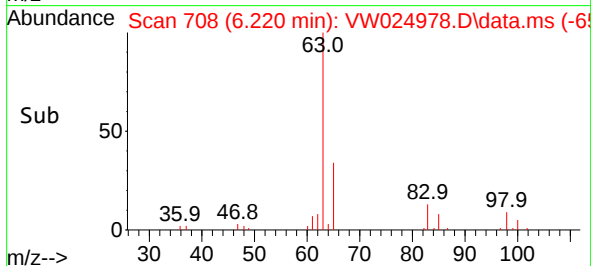
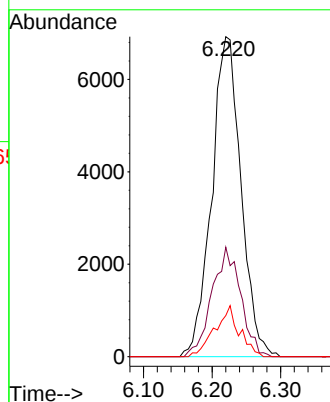
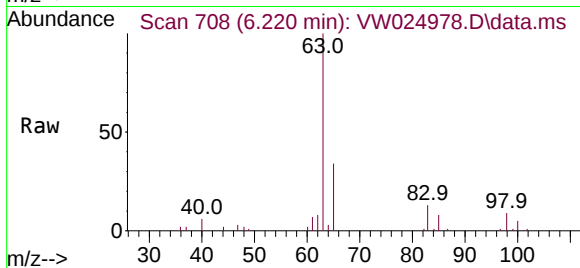
Tgt Ion: 63 Resp: 20541

Ion Ratio Lower Upper

63 100

65 34.2 22.2 41.2

83 12.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 2.644 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

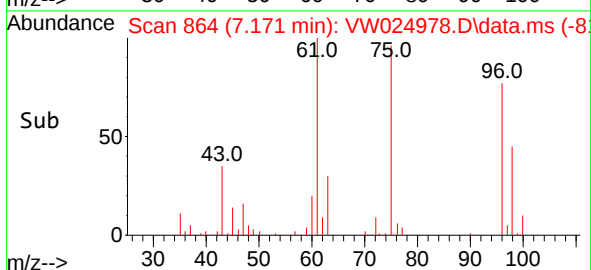
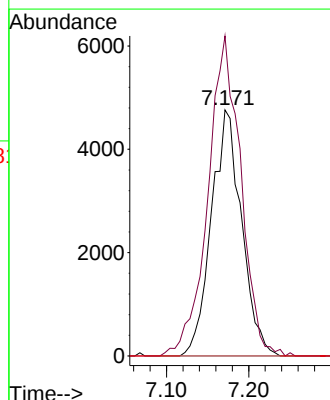
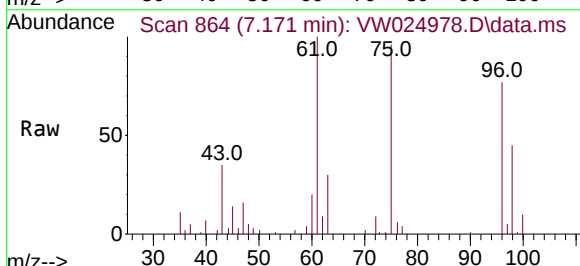
Tgt Ion: 96 Resp: 12133

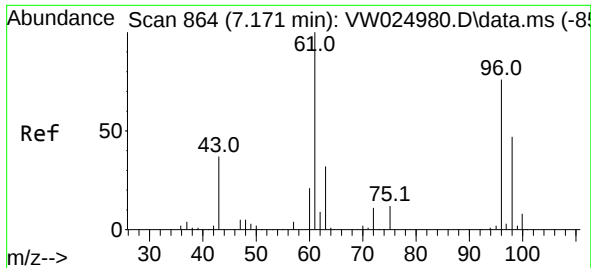
Ion Ratio Lower Upper

96 100

61 130.0 91.8 170.6

68 0.0 0.0 0.0

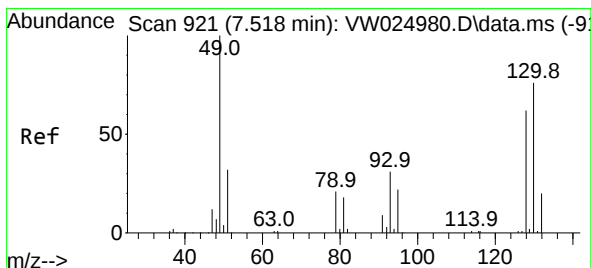
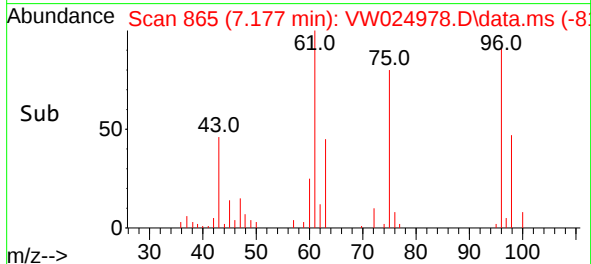
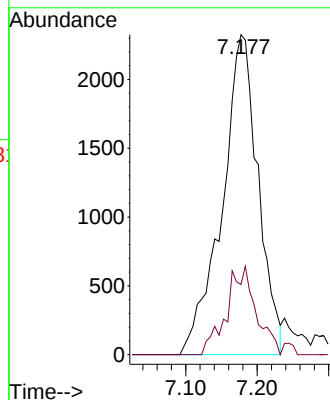
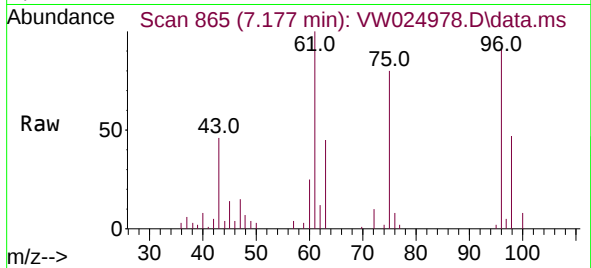




#22
2-Butanone
Concen: 6.385 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

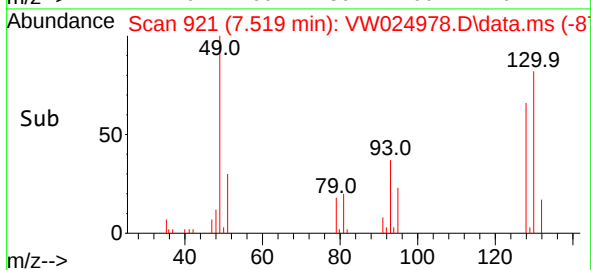
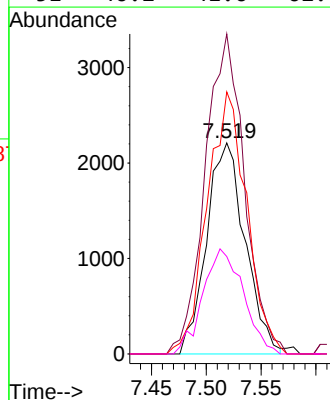
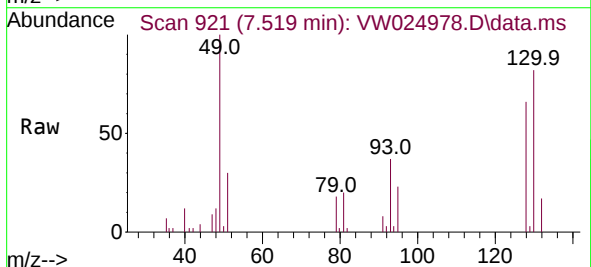
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

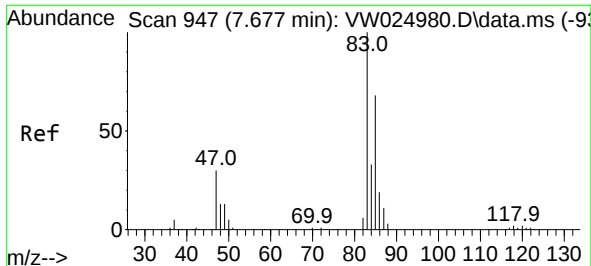
Tgt Ion: 43 Resp: 8161
Ion Ratio Lower Upper
43 100
72 8.4 14.6 44.0#



#23
Bromochloromethane
Concen: 2.713 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion: 128 Resp: 5398
Ion Ratio Lower Upper
128 100
49 151.6 112.8 209.4
130 124.2 86.2 160.2
51 46.2 41.6 62.4

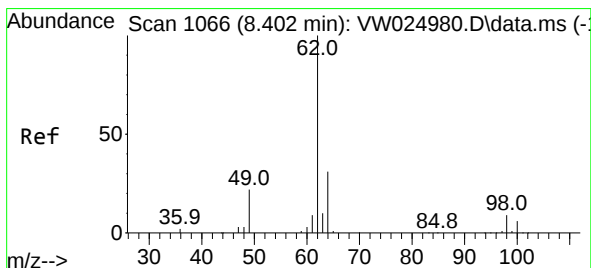
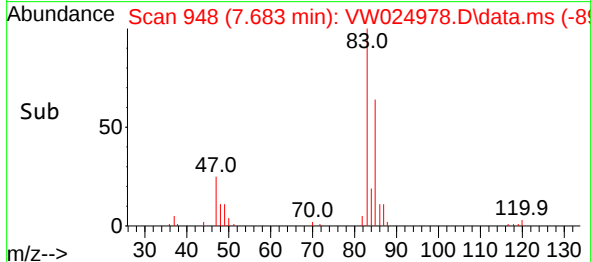
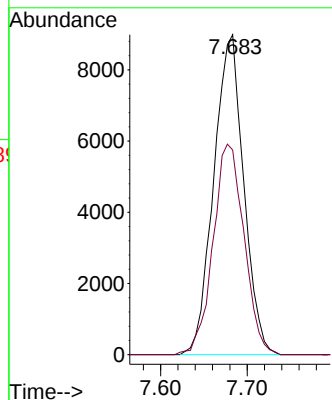
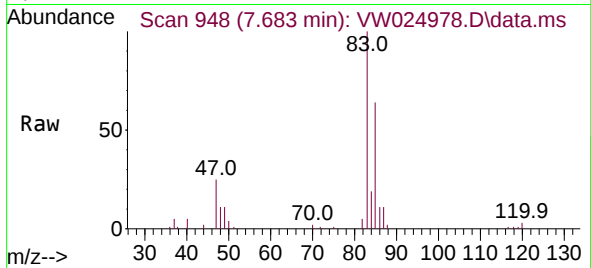




#25
Chloroform
Concen: 2.622 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

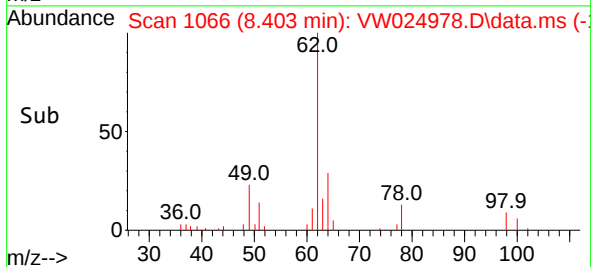
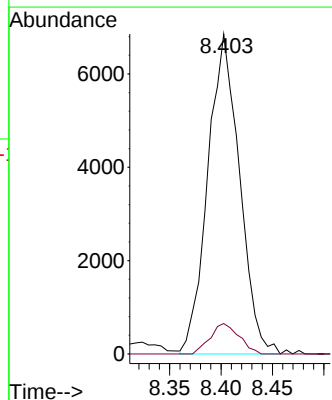
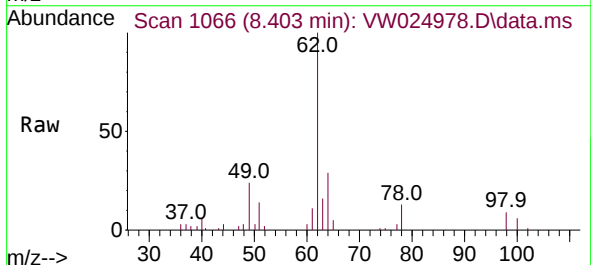
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

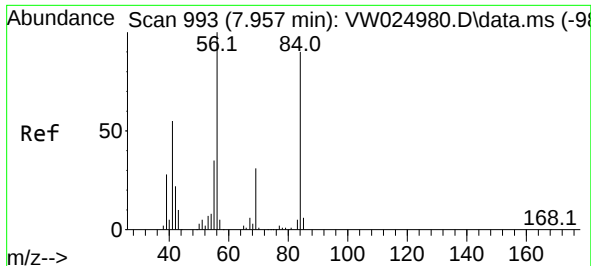
Tgt Ion: 83 Resp: 21575
Ion Ratio Lower Upper
83 100
85 64.0 47.5 88.3



#27
1,2-Dichloroethane
Concen: 2.641 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion: 62 Resp: 14736
Ion Ratio Lower Upper
62 100
98 9.5 7.0 10.4





#29

Cyclohexane

Concen: 2.566 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5461

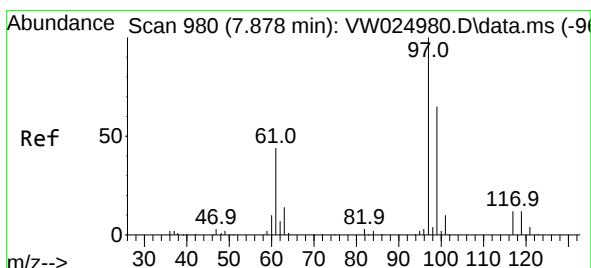
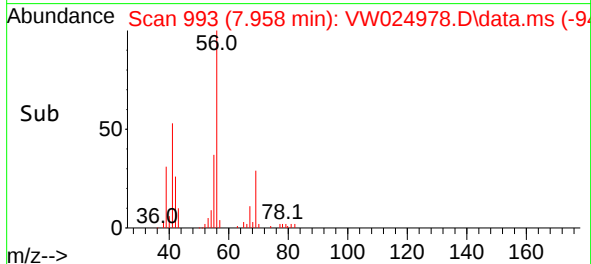
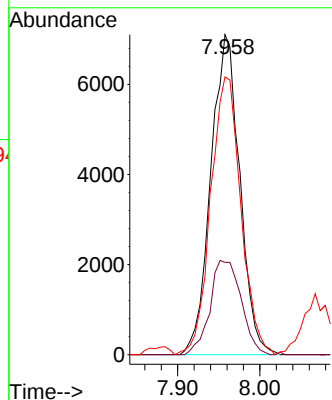
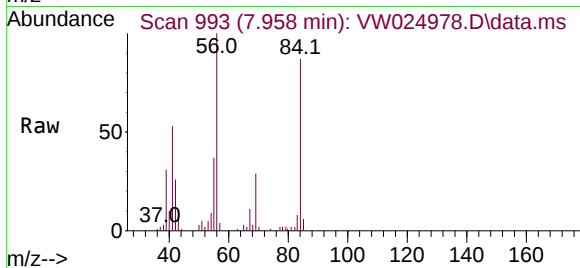
Tgt Ion: 56 Resp: 17375

Ion Ratio Lower Upper

56 100

69 31.7 25.0 37.4

84 90.4 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 2.752 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

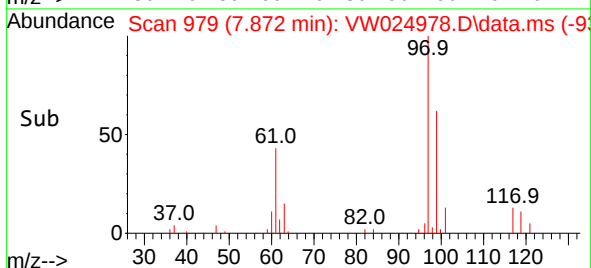
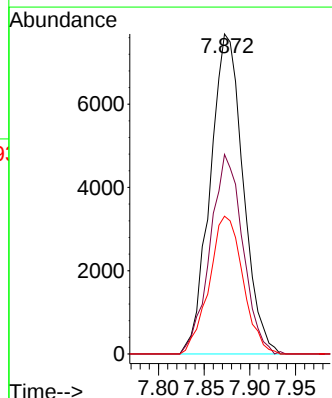
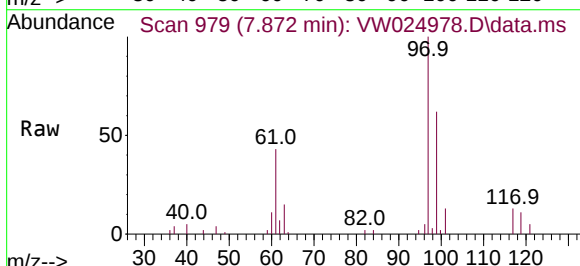
Tgt Ion: 97 Resp: 19309

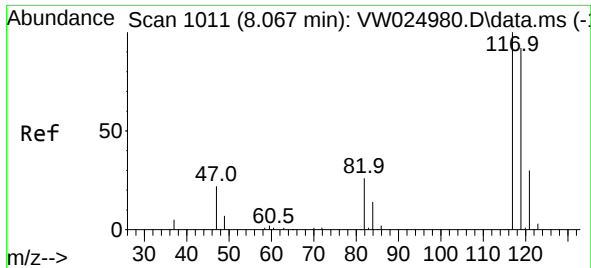
Ion Ratio Lower Upper

97 100

99 61.6 51.8 77.8

61 44.1 36.6 54.8

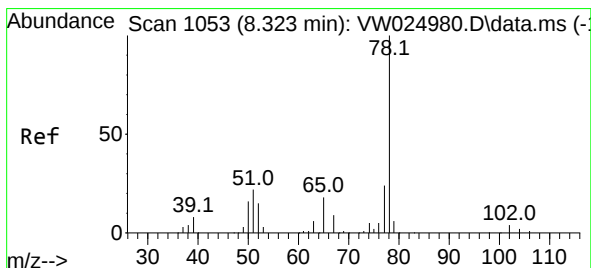
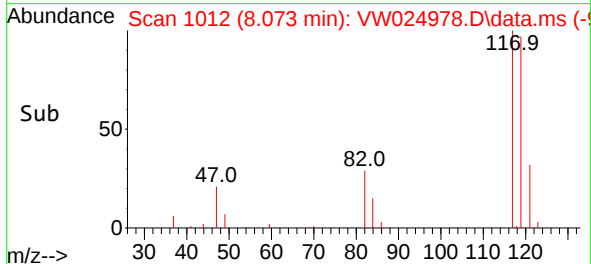
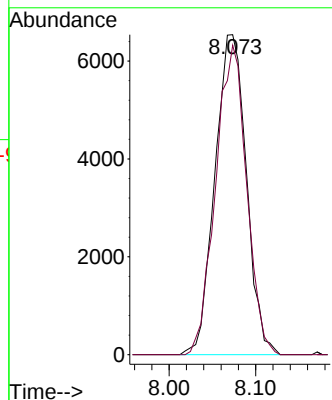
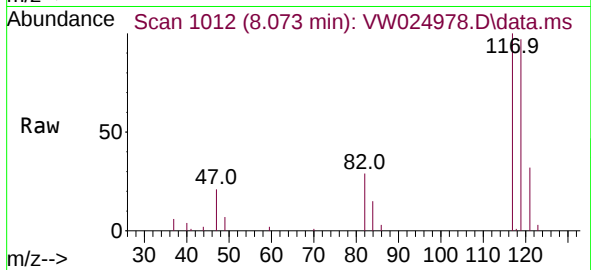




#31
Carbon tetrachloride
Concen: 2.632 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

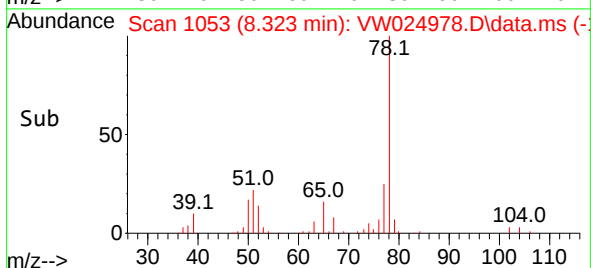
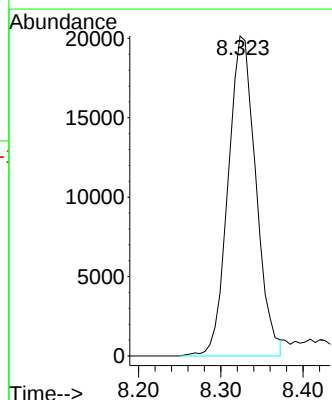
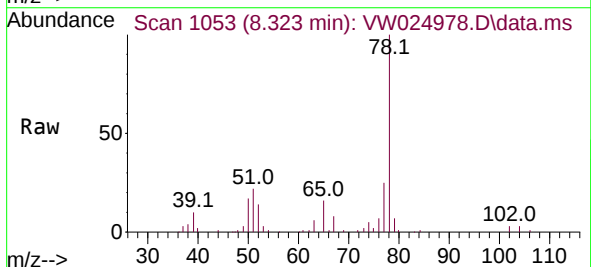
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

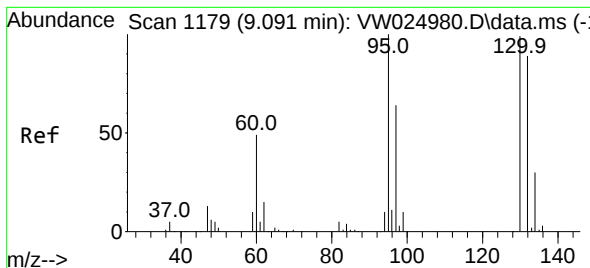
Tgt Ion:117 Resp: 16500
Ion Ratio Lower Upper
117 100
119 95.2 77.7 116.5



#33
Benzene
Concen: 2.740 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion: 78 Resp: 47312





#34

Trichloroethene

Concen: 2.681 ug/L

RT: 9.098 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5461

Tgt Ion: 95 Resp: 12254

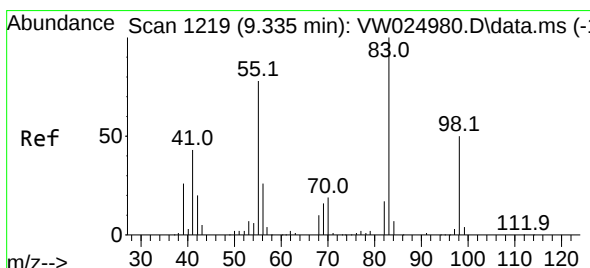
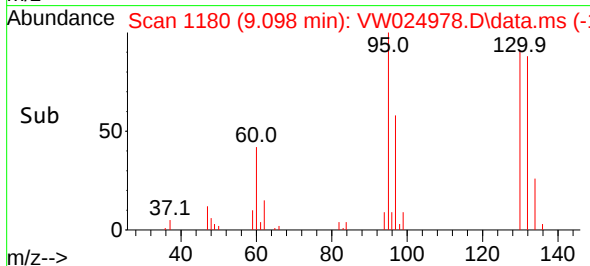
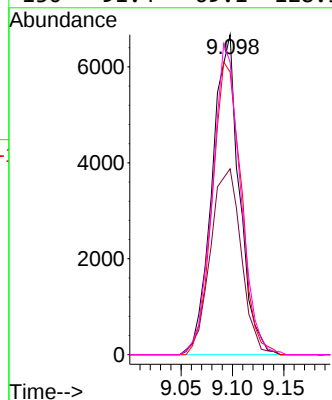
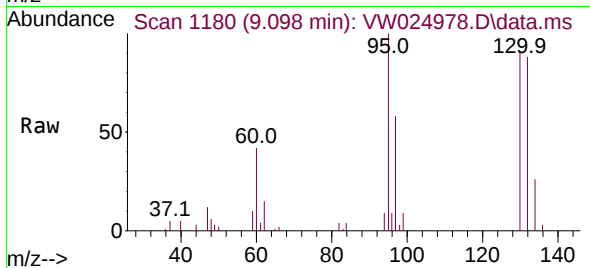
Ion Ratio Lower Upper

95 100

97 58.1 44.7 83.1

132 88.3 62.6 116.2

130 91.4 69.1 128.3



#35

Methylcyclohexane

Concen: 2.605 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

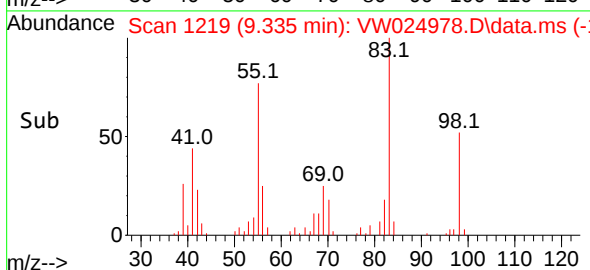
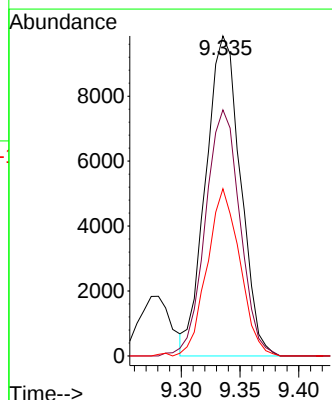
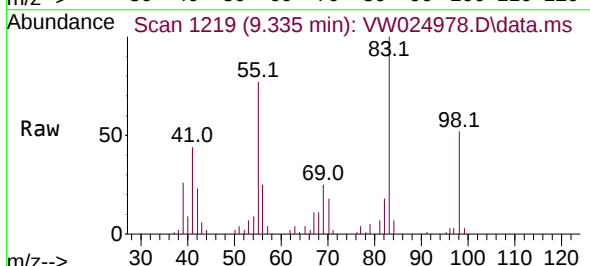
Tgt Ion: 83 Resp: 20232

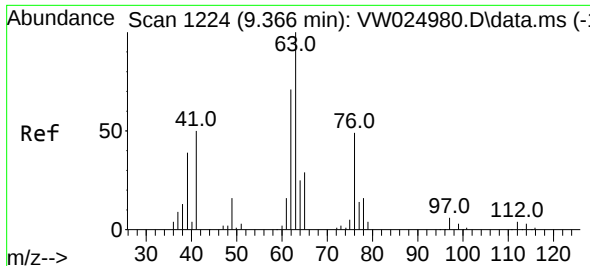
Ion Ratio Lower Upper

83 100

55 76.7 60.4 90.6

98 49.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 2.706 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

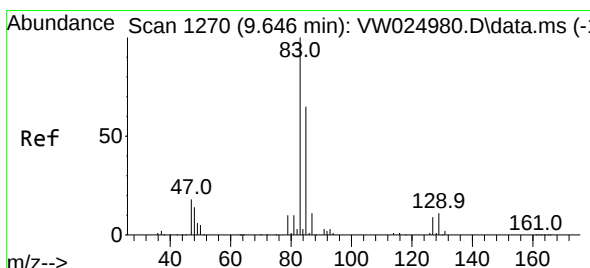
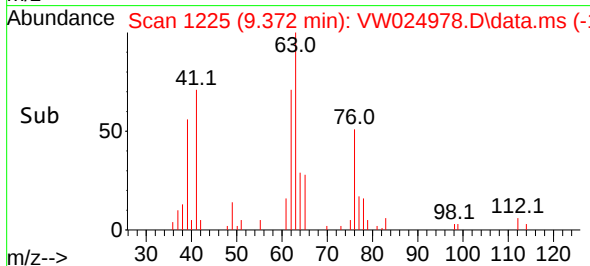
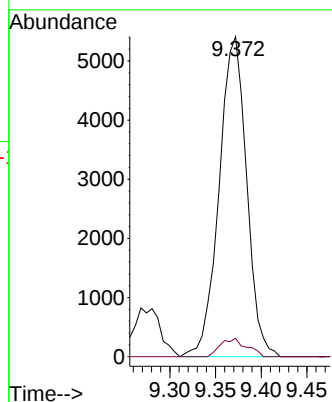
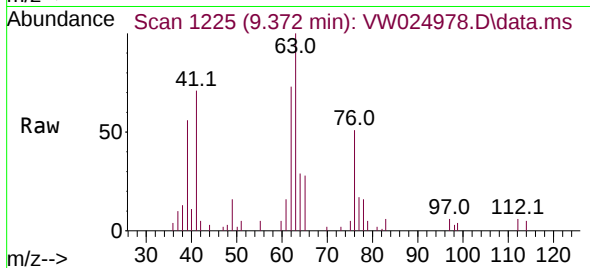
VSTD2.5461

Tgt Ion: 63 Resp: 11340

Ion Ratio Lower Upper

63 100

112 5.4 3.6 5.4



#38

Bromodichloromethane

Concen: 2.554 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

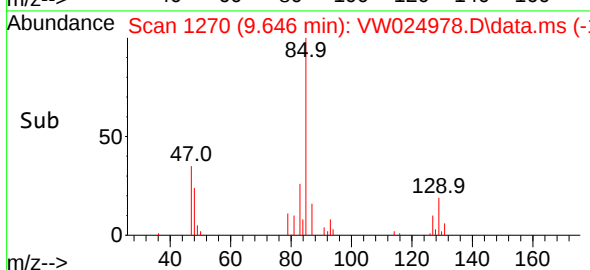
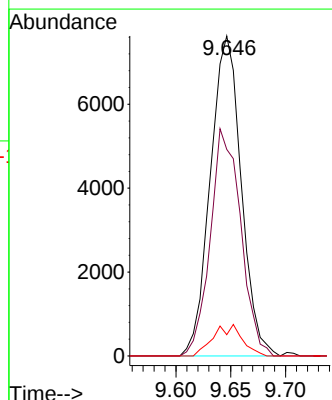
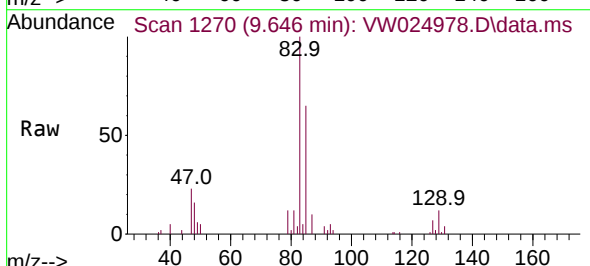
Tgt Ion: 83 Resp: 14936

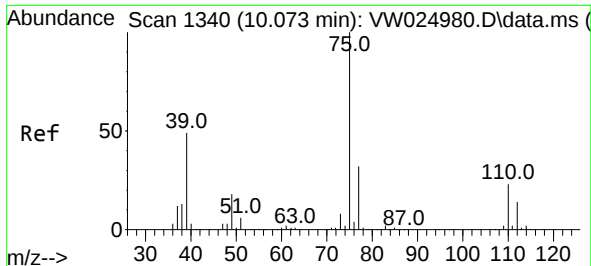
Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.0

127 6.6 6.8 10.2#





#39

cis-1,3-Dichloropropene

Concen: 2.465 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

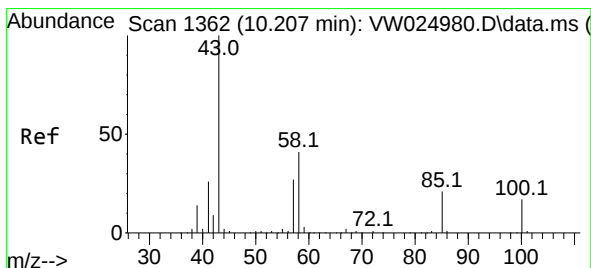
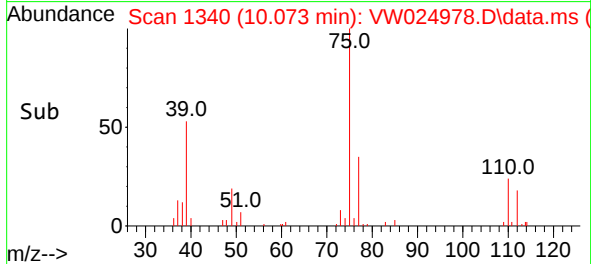
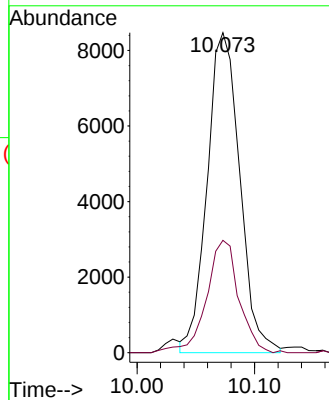
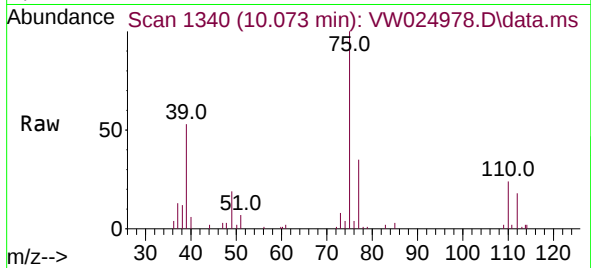
VSTD2.5461

Tgt Ion: 75 Resp: 16332

Ion Ratio Lower Upper

75 100

77 35.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 5.136 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

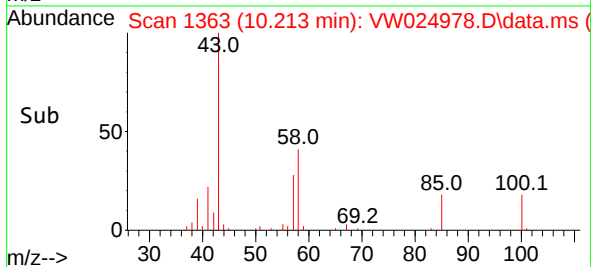
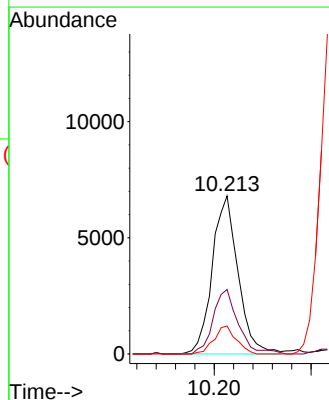
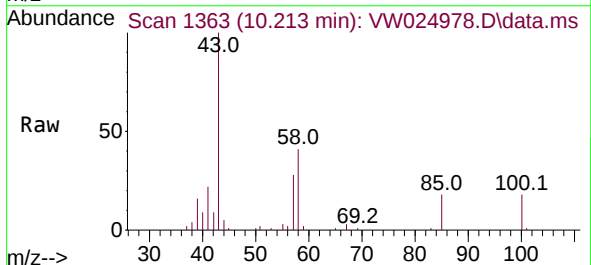
Tgt Ion: 43 Resp: 12631

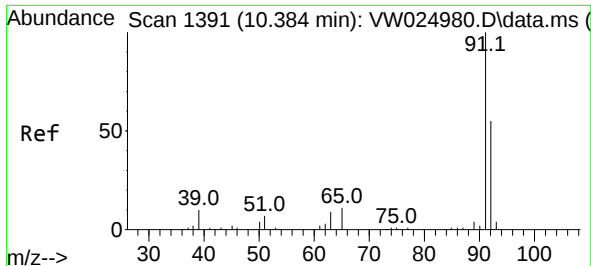
Ion Ratio Lower Upper

43 100

58 37.9 32.6 48.8

100 15.2 14.0 21.0





#42

Toluene

Concen: 2.640 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

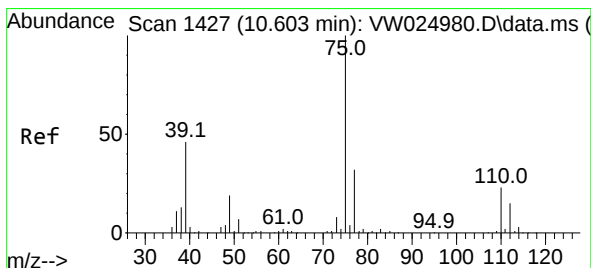
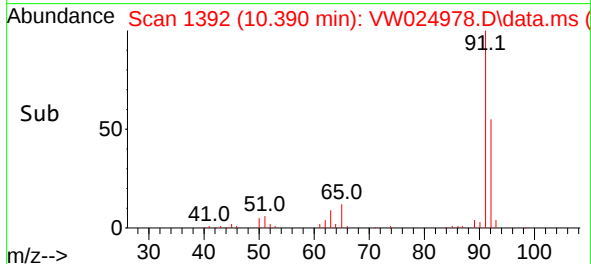
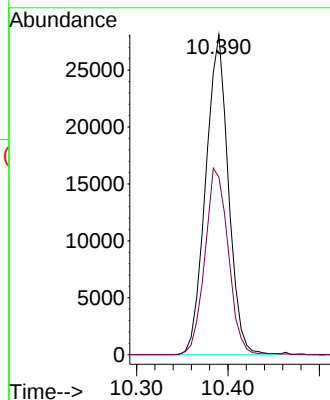
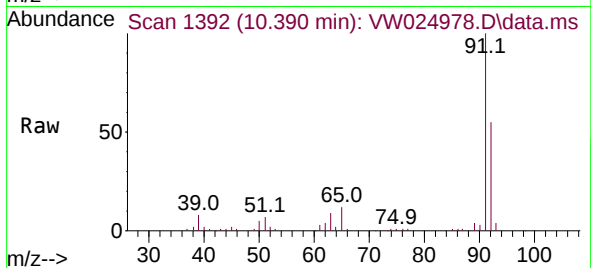
VSTD2.5461

Tgt Ion: 91 Resp: 48392

Ion Ratio Lower Upper

91 100

92 55.4 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 2.467 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024978.D

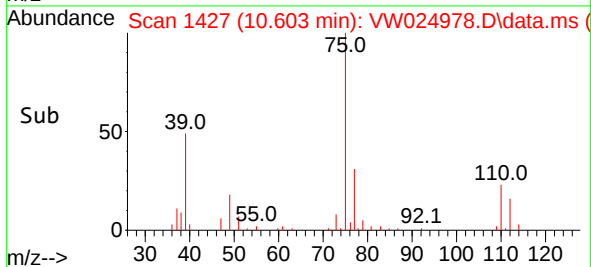
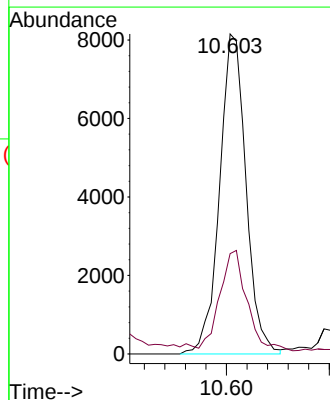
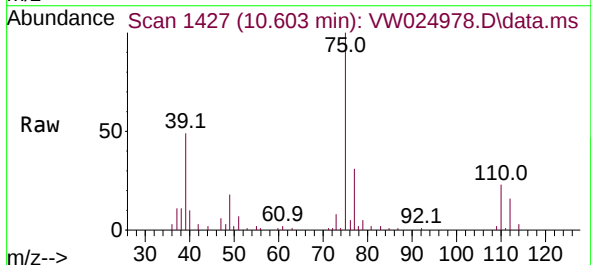
Acq: 26 Oct 2022 10:29

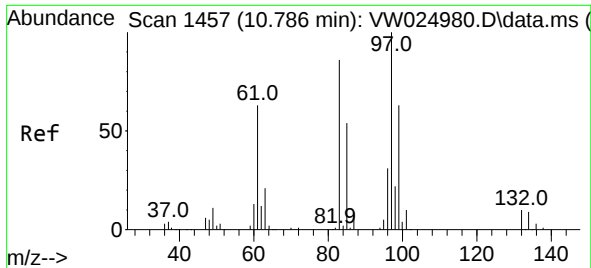
Tgt Ion: 75 Resp: 14532

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5

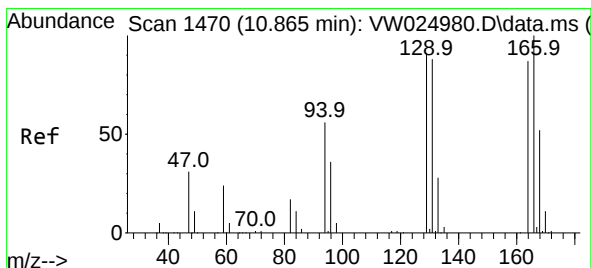
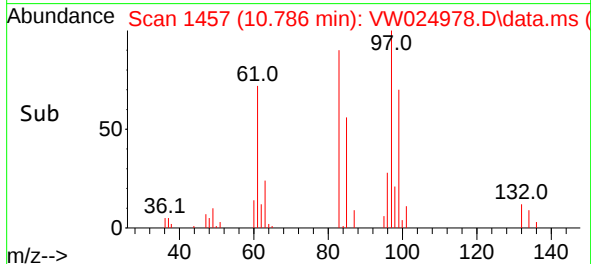
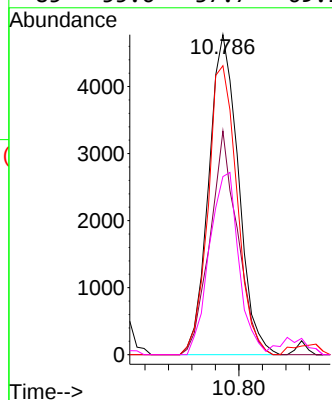
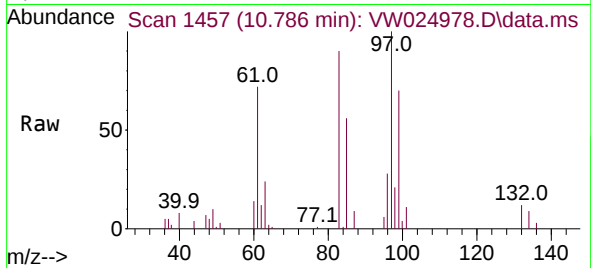




#45
1,1,2-Trichloroethane
Concen: 2.646 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

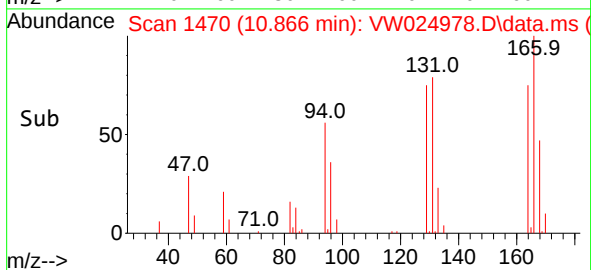
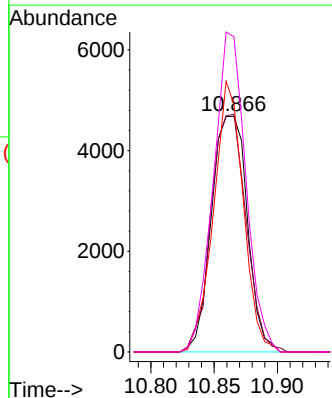
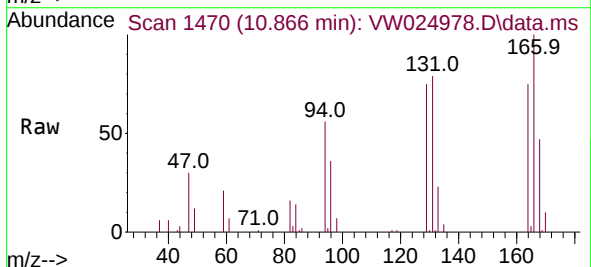
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

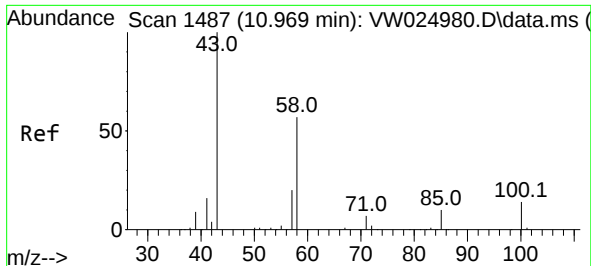
Tgt Ion:	97	Resp:	8371
Ion	Ratio	Lower	Upper
97	100		
99	69.9	44.0	81.6
83	90.3	59.9	111.3
85	55.6	37.7	69.9



#46
Tetrachloroethene
Concen: 2.817 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion:	164	Resp:	9209
Ion	Ratio	Lower	Upper
164	100		
129	100.9	72.9	135.5
131	105.0	70.1	130.3
166	133.7	80.2	148.9

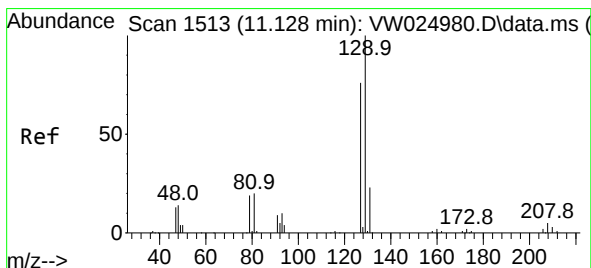
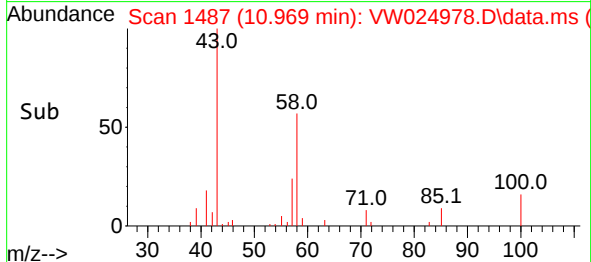
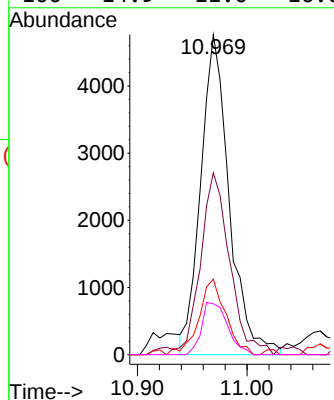
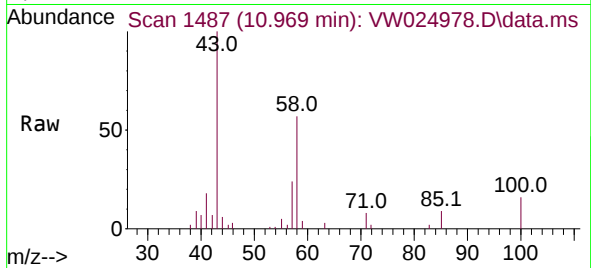




#48
2-Hexanone
Concen: 5.062 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

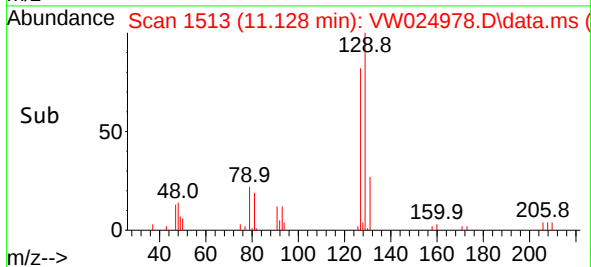
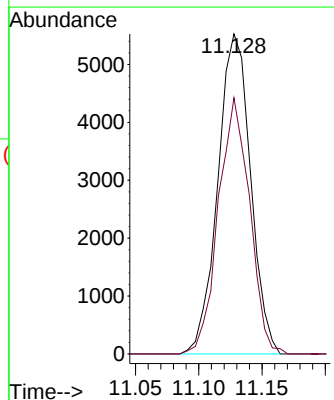
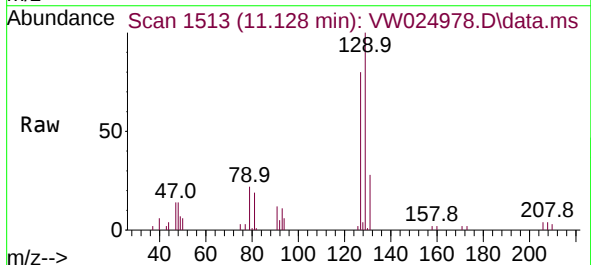
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

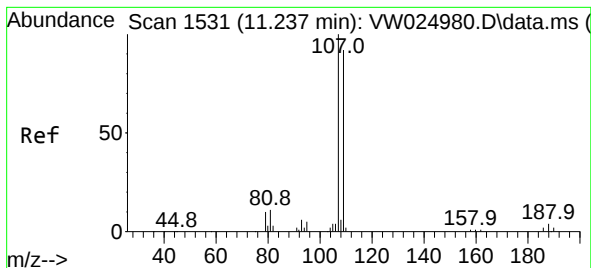
Tgt Ion:	43	Resp:	8610
Ion	Ratio	Lower	Upper
43	100		
58	57.6	46.1	69.1
57	22.3	16.2	24.2
100	14.9	11.0	16.6



#49
Dibromochloromethane
Concen: 2.579 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion:	129	Resp:	9946
Ion	Ratio	Lower	Upper
129	100		
127	80.1	53.2	98.8

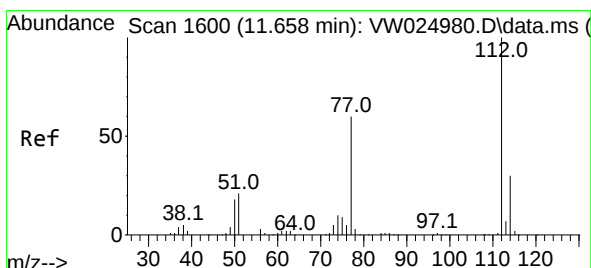
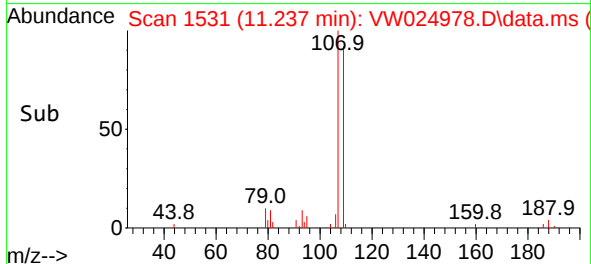
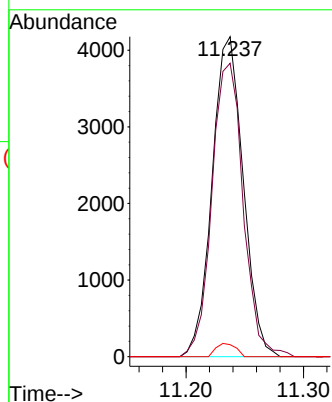
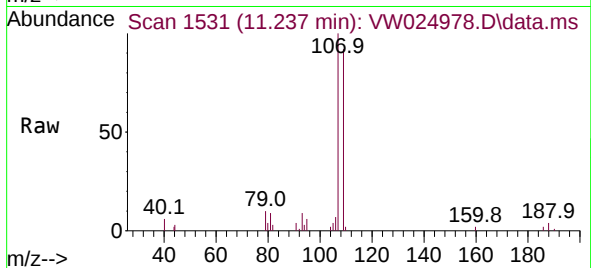




#50
1,2-Dibromoethane
Concen: 2.568 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

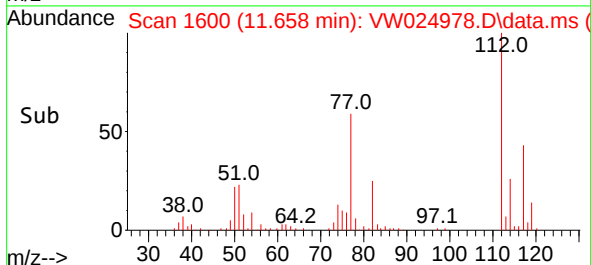
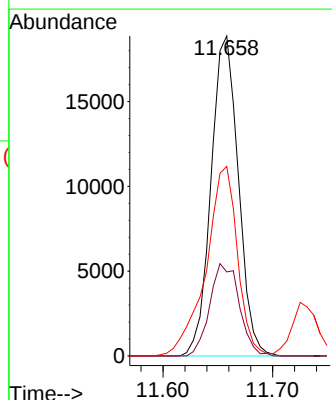
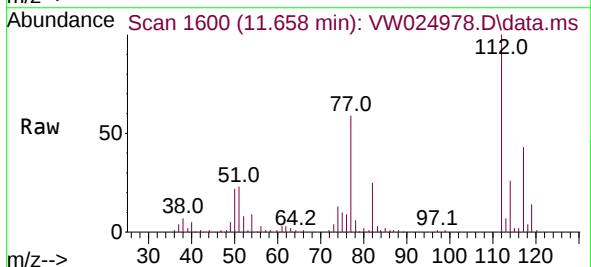
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

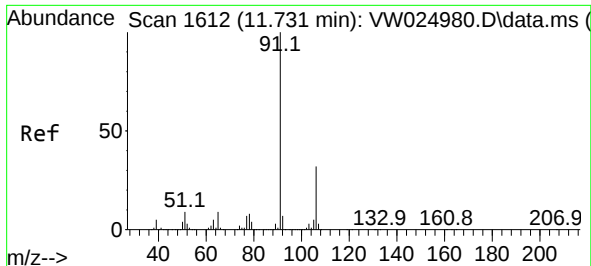
Tgt Ion:107 Resp: 7686
Ion Ratio Lower Upper
107 100
109 91.7 64.5 119.7
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 2.752 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion:112 Resp: 32701
Ion Ratio Lower Upper
112 100
114 26.2 20.8 38.6
77 59.3 48.2 72.2

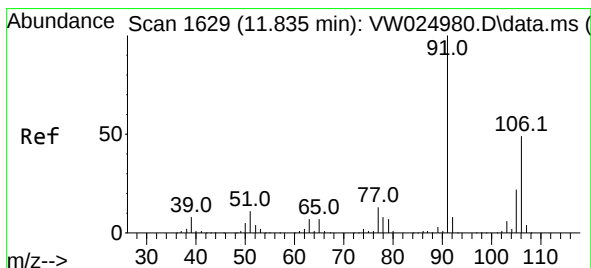
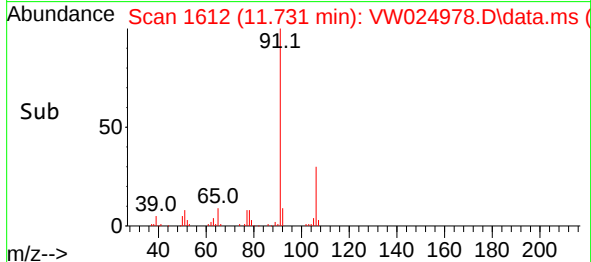
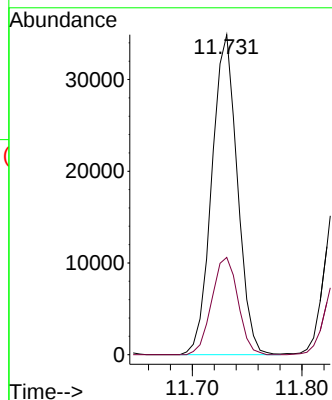
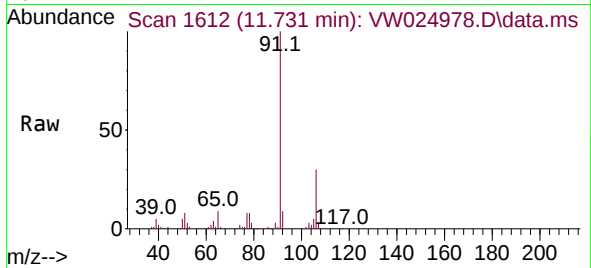




#52
Ethylbenzene
Concen: 2.670 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

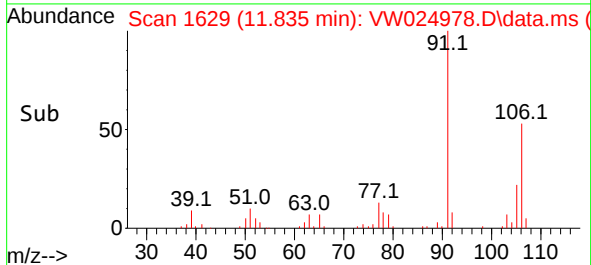
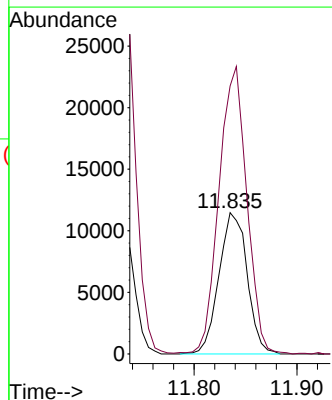
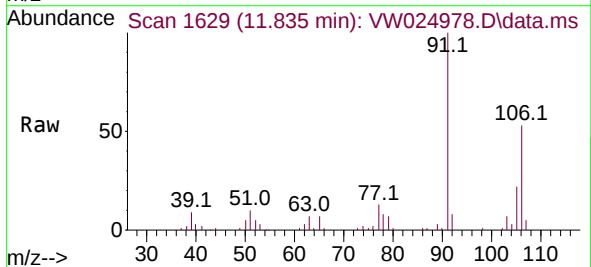
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

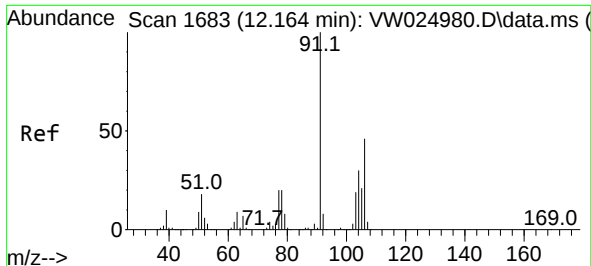
Tgt Ion: 91 Resp: 56491
Ion Ratio Lower Upper
91 100
106 30.4 22.3 41.5



#53
m,p-Xylene
Concen: 2.669 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion:106 Resp: 21862
Ion Ratio Lower Upper
106 100
91 189.8 143.9 267.2

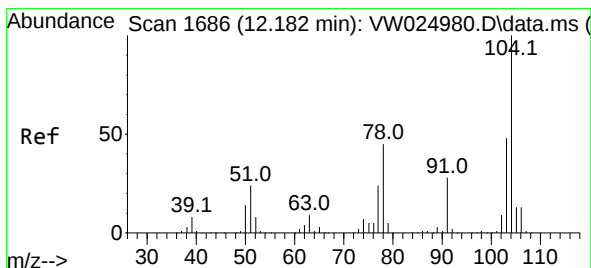
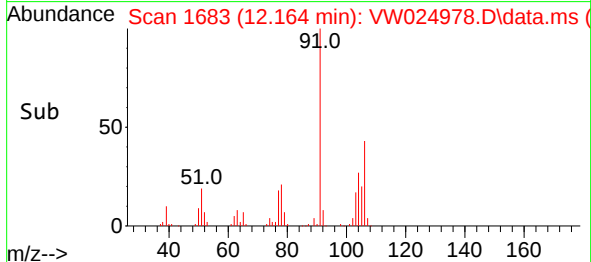
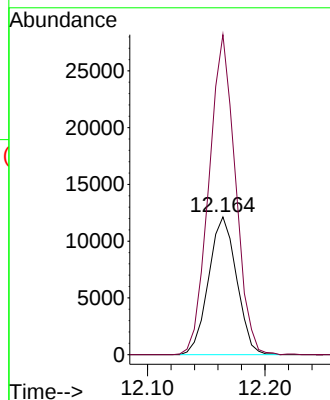
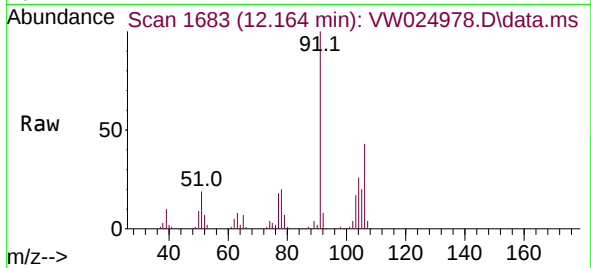




#54
o-Xylene
Concen: 2.604 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

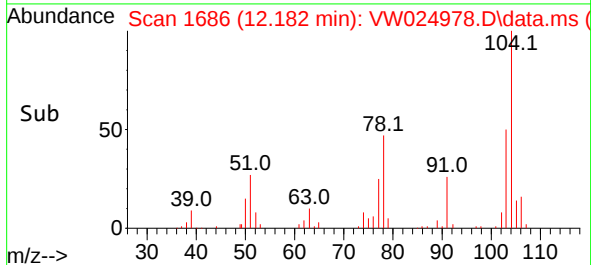
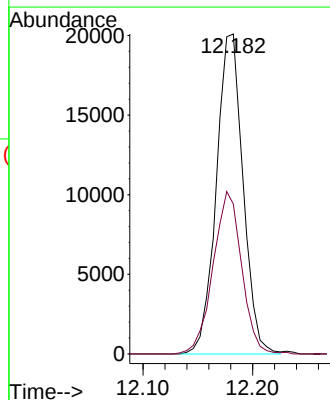
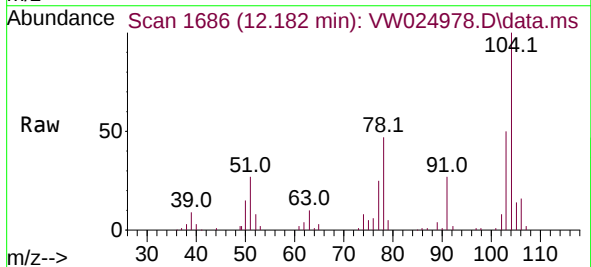
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

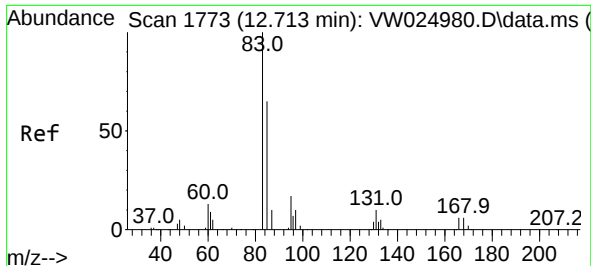
Tgt Ion:106 Resp: 20121
Ion Ratio Lower Upper
106 100
91 232.4 153.5 285.1



#55
Styrene
Concen: 2.538 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion:104 Resp: 34068
Ion Ratio Lower Upper
104 100
78 46.8 31.3 58.1





#57

1,1,2-Tetrachloroethane

Concen: 2.596 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5461

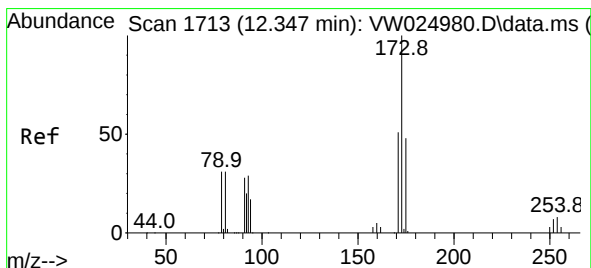
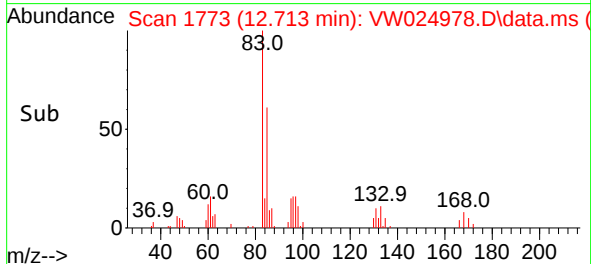
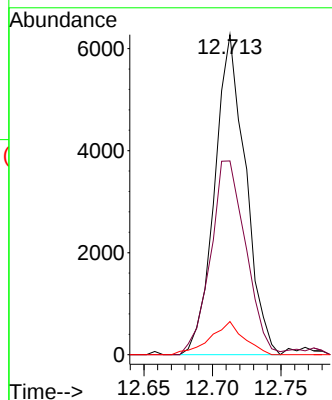
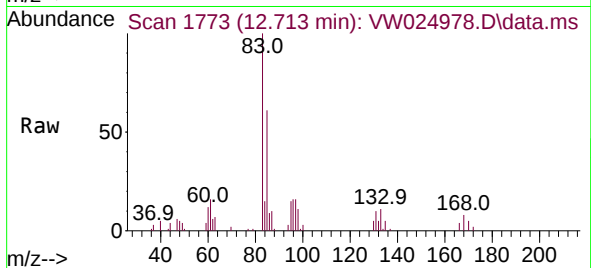
Tgt Ion: 83 Resp: 9854

Ion Ratio Lower Upper

83 100

85 60.5 46.4 86.2

131 10.4 8.2 12.4



#59

Bromoform

Concen: 2.588 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

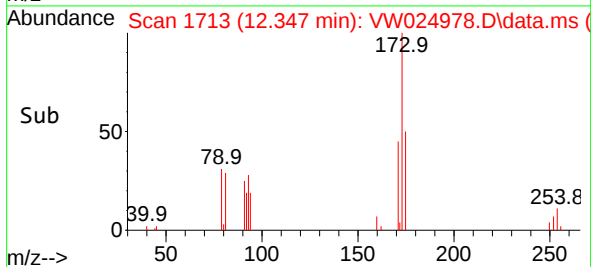
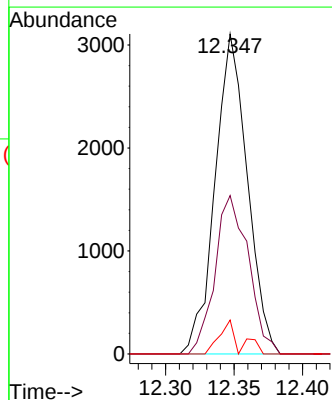
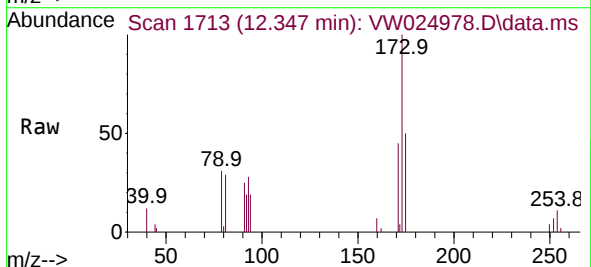
Tgt Ion: 173 Resp: 5092

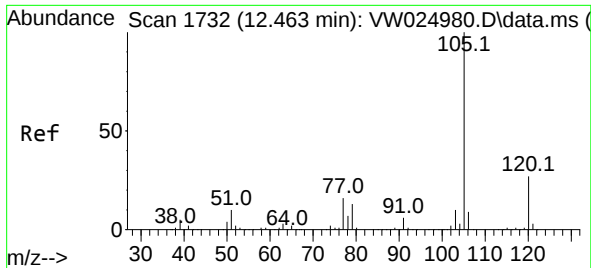
Ion Ratio Lower Upper

173 100

175 51.2 37.4 56.2

254 4.6 5.8 8.8#

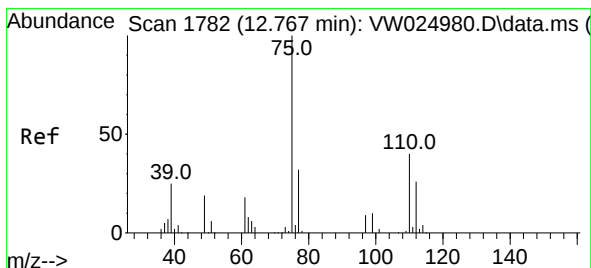
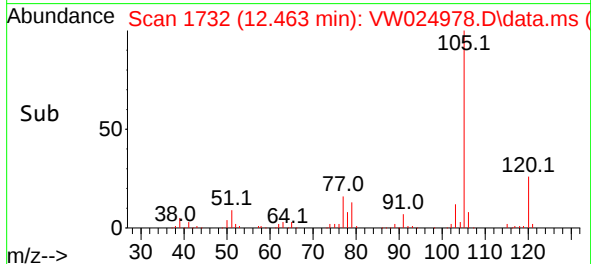
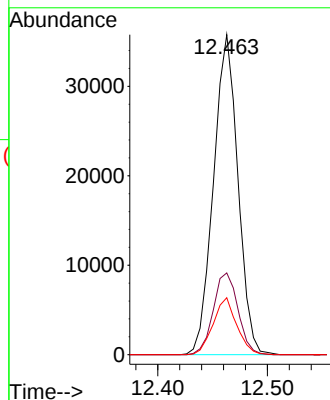
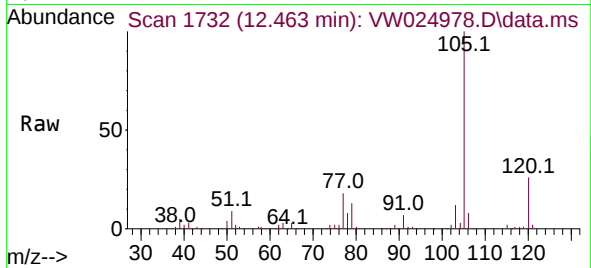




#60
Isopropylbenzene
Concen: 2.652 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

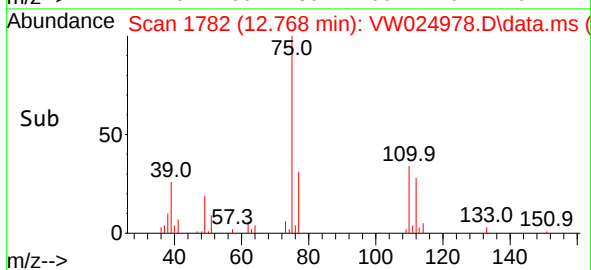
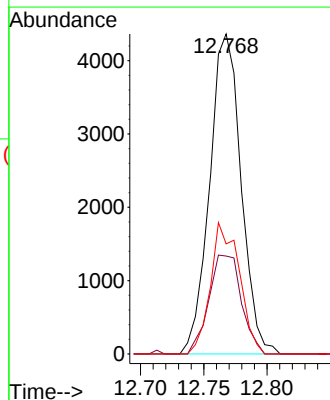
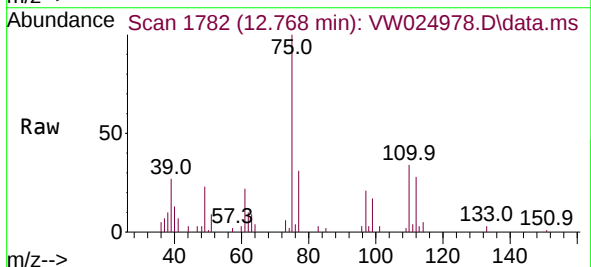
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

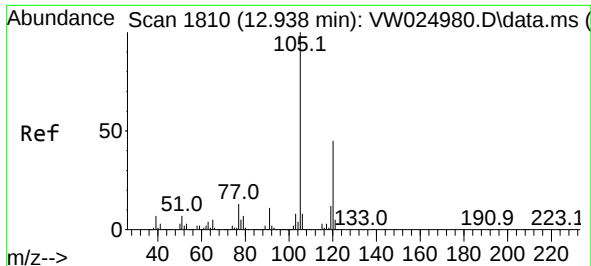
Tgt Ion:105 Resp: 55474
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 17.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 2.704 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion: 75 Resp: 7559
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 37.5 31.7 47.5

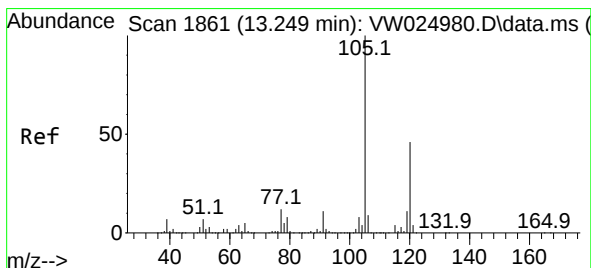
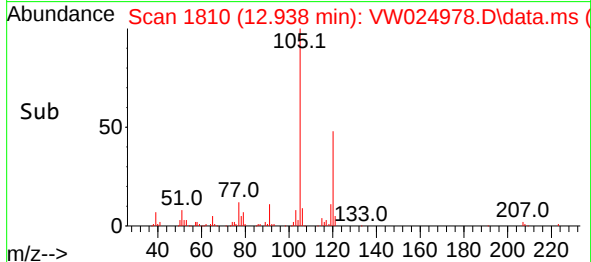
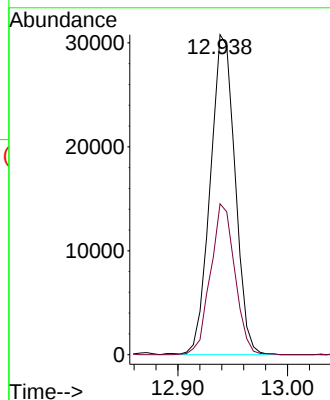
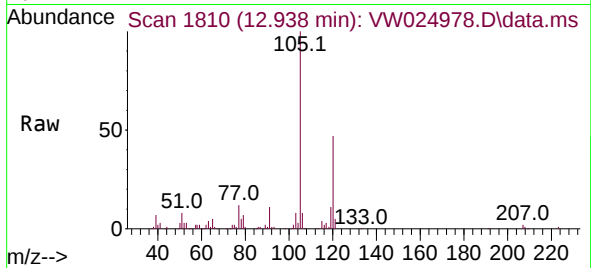




#62
1,3,5-Trimethylbenzene
Concen: 2.663 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

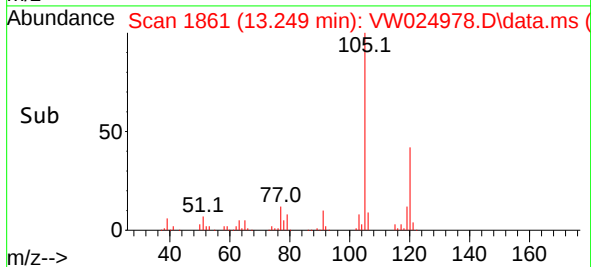
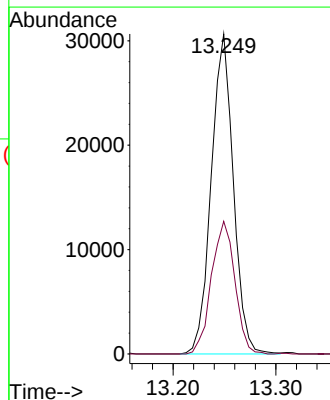
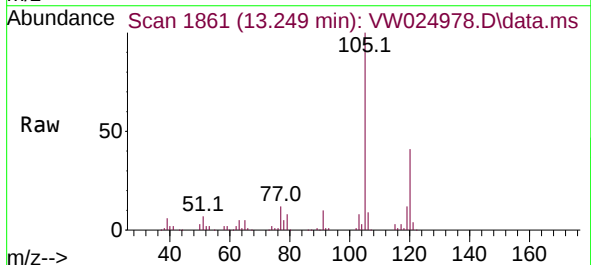
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

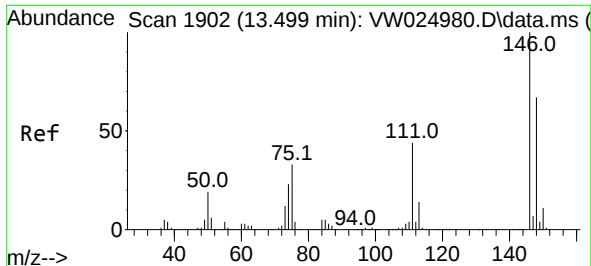
Tgt Ion:105 Resp: 48347
Ion Ratio Lower Upper
105 100
120 46.4 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 2.570 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion:105 Resp: 45769
Ion Ratio Lower Upper
105 100
120 44.0 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 2.861 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5461

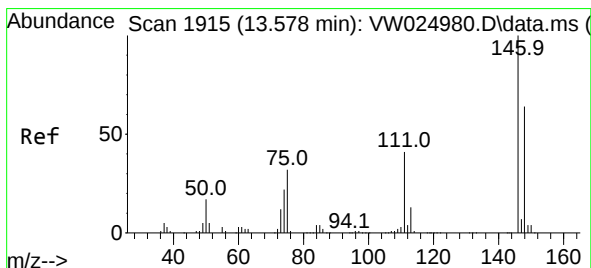
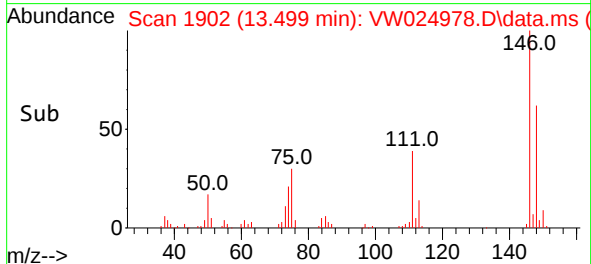
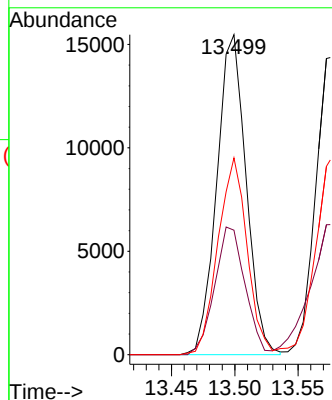
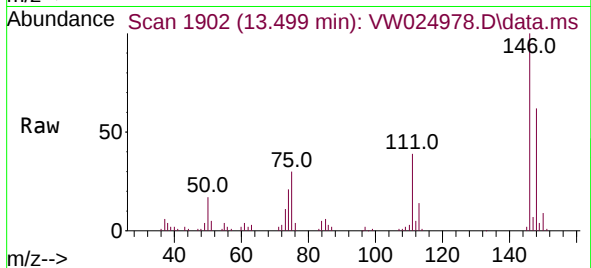
Tgt Ion:146 Resp: 24956

Ion Ratio Lower Upper

146 100

111 38.9 31.1 57.7

148 61.5 47.2 87.6



#65

1,4-Dichlorobenzene

Concen: 2.786 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

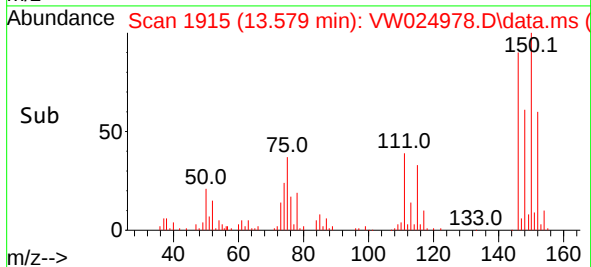
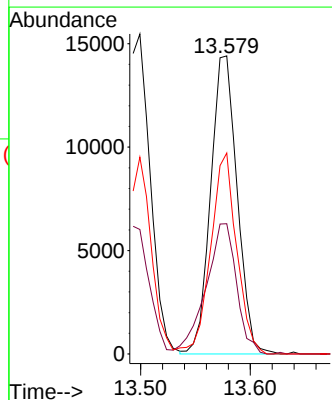
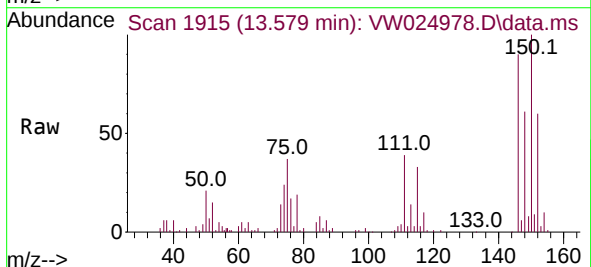
Tgt Ion:146 Resp: 24255

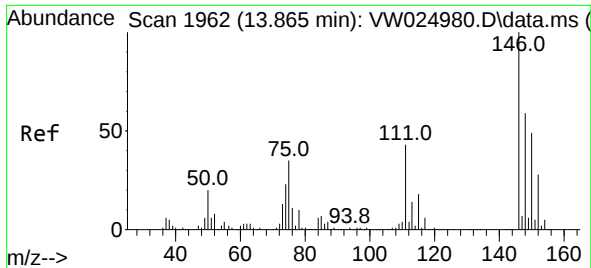
Ion Ratio Lower Upper

146 100

111 43.7 28.8 53.6

148 67.4 44.7 82.9

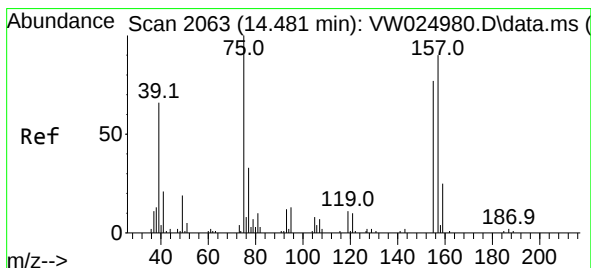
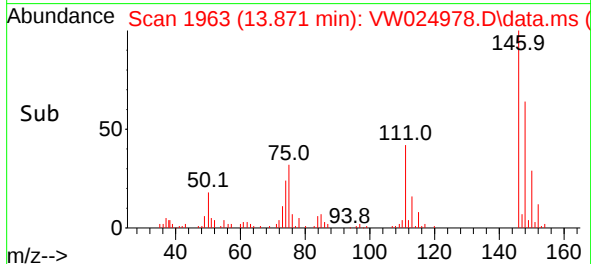
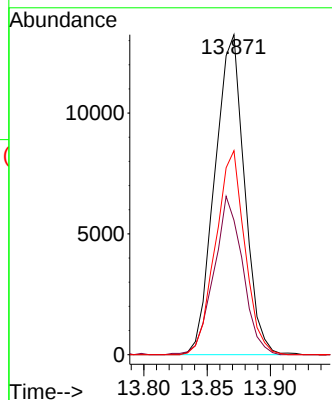
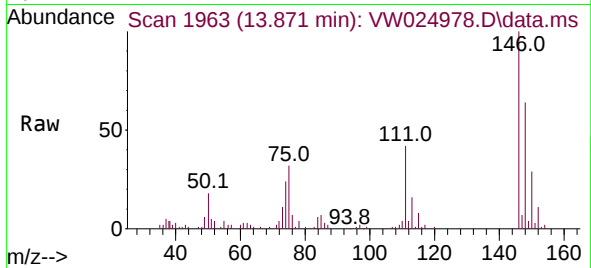




#67
1,2-Dichlorobenzene
Concen: 2.753 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

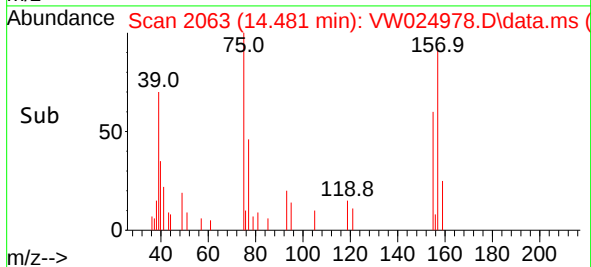
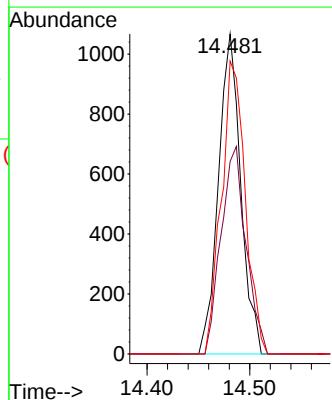
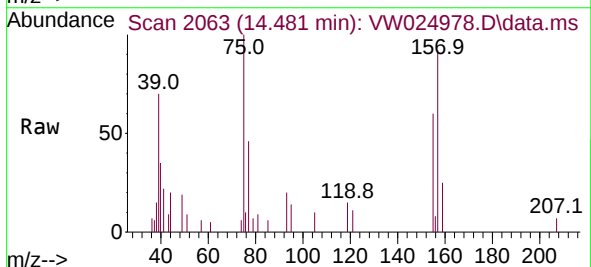
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5461

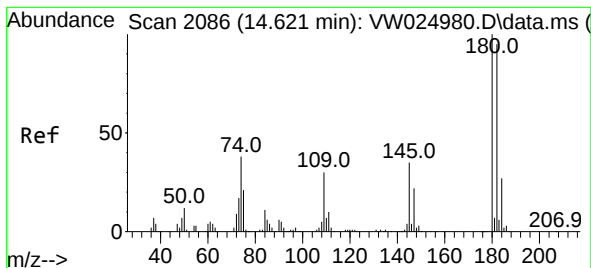
Tgt Ion:146 Resp: 21598
Ion Ratio Lower Upper
146 100
111 42.0 34.2 51.4
148 63.8 47.1 70.7



#68
1,2-Dibromo-3-chloropropane
Concen: 2.477 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024978.D
Acq: 26 Oct 2022 10:29

Tgt Ion: 75 Resp: 1600
Ion Ratio Lower Upper
75 100
155 54.6 61.2 91.8#
157 83.1 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 2.754 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024978.D

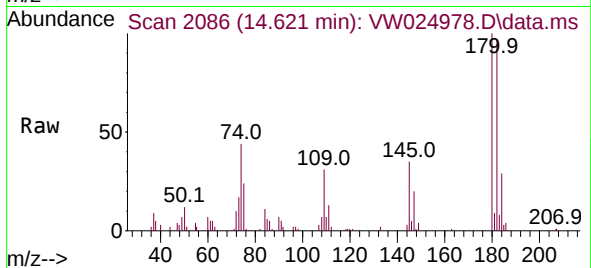
Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5461



Tgt Ion:180 Resp: 15911

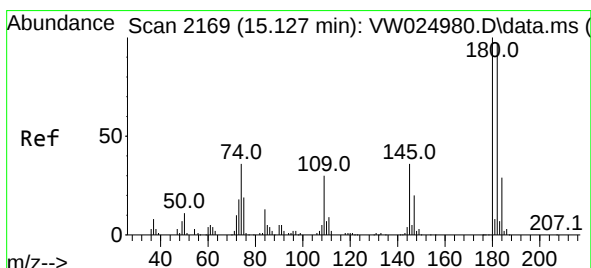
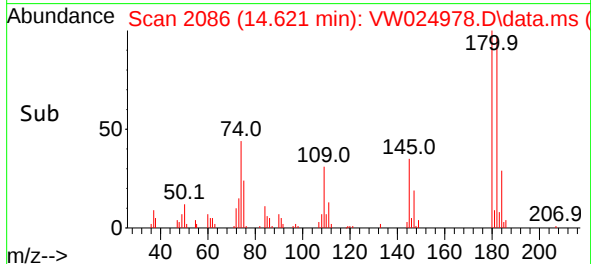
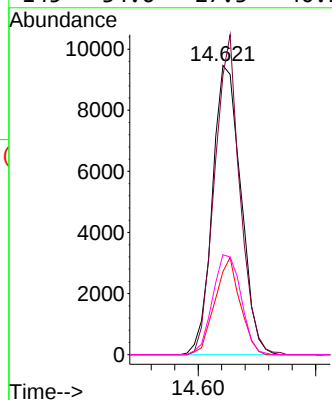
Ion Ratio Lower Upper

180 100

182 98.1 75.7 113.5

184 29.6 23.4 35.2

145 34.6 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 2.584 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

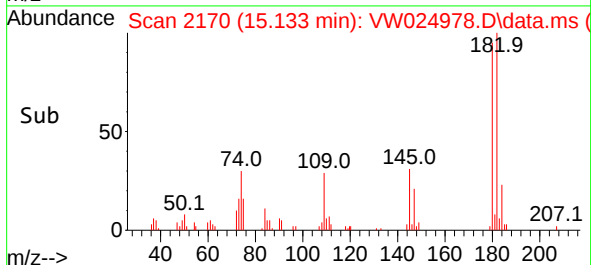
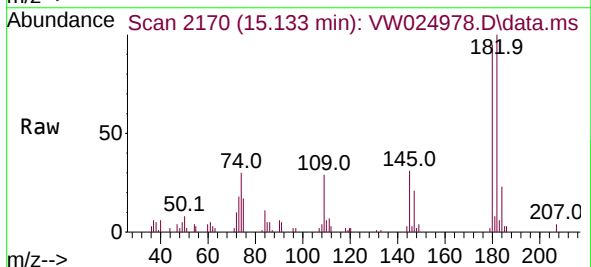
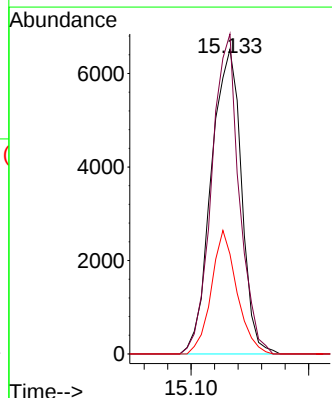
Tgt Ion:180 Resp: 11606

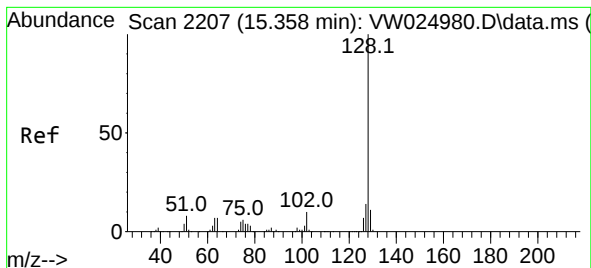
Ion Ratio Lower Upper

180 100

182 96.0 74.9 112.3

145 34.5 27.0 40.4





#71

Naphthalene

Concen: 2.393 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5461

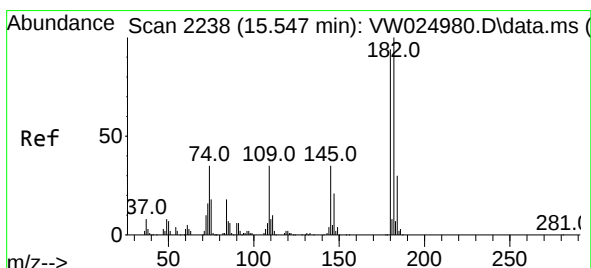
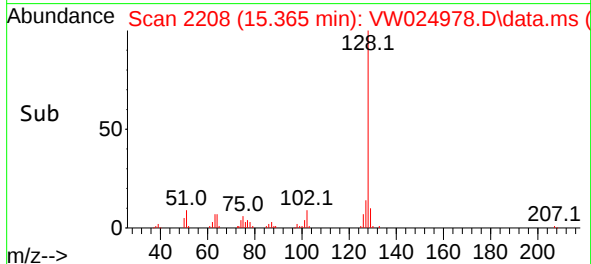
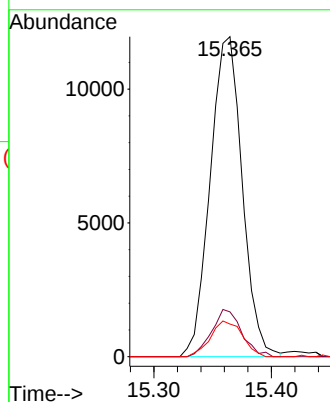
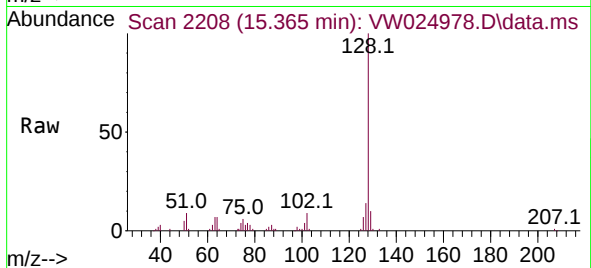
Tgt Ion:128 Resp: 22669

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.609 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024978.D

Acq: 26 Oct 2022 10:29

Tgt Ion:180 Resp: 10211

Ion Ratio Lower Upper

180 100

182 97.8 74.1 111.1

145 37.1 28.2 42.2

