

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024983.D
 Acq On : 26 Oct 2022 12:54
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV466

Quant Time: Oct 27 04:41:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:34:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	315802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	294381	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149521	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	96027	27.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.360%	
7) Chloroethane-d5	2.891	69	58248	28.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.200%	
11) 1,1-Dichloroethene-d2	4.025	63	230611	26.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.480%	
21) 2-Butanone-d5	7.080	46	66051	55.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.420%	
24) Chloroform-d	7.647	84	261528	27.288	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.160%	
26) 1,2-Dichloroethane-d4	8.305	65	145241	27.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.280%	
32) Benzene-d6	8.275	84	519566	27.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.160%	
36) 1,2-Dichloropropane-d6	9.274	67	151376	27.380	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 109.520%	
41) Toluene-d8	10.323	98	473536	26.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.840%	
43) trans-1,3-Dichloroprop...	10.579	79	66389	27.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.320%	
47) 2-Hexanone-d5	10.921	63	54173	56.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.440%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119889	27.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.640%	
66) 1,2-Dichlorobenzene-d4	13.847	152	154142	26.826	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.320%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	30019	28.499	ug/L	97
3) Chloromethane	2.221	50	62709	24.752	ug/L	97
5) Vinyl chloride	2.367	62	87159	24.899	ug/L	95
6) Bromomethane	2.782	94	42902	24.559	ug/L	98
8) Chloroethane	2.928	64	36385	24.917	ug/L	98
9) Trichlorofluoromethane	3.263	101	66735	22.726	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	100765	24.231	ug/L	99
12) 1,1-Dichloroethene	4.044	96	94214	24.050	ug/L	99
13) Acetone	4.123	43	36381	42.808	ug/L	99
14) Carbon disulfide	4.391	76	281260	24.578	ug/L	98
15) Methyl Acetate	4.666	43	21287	12.581	ug/L #	49
16) Methylene chloride	4.915	84	111277	19.846	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	103456	24.663	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	181397	25.780	ug/L	99
19) 1,1-Dichloroethane	6.220	63	191748	24.691	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	114984	25.150	ug/L	98
22) 2-Butanone	7.171	43	57500	45.158	ug/L	99
23) Bromochloromethane	7.513	128	49015	24.730	ug/L	96
25) Chloroform	7.677	83	201456	24.579	ug/L	98

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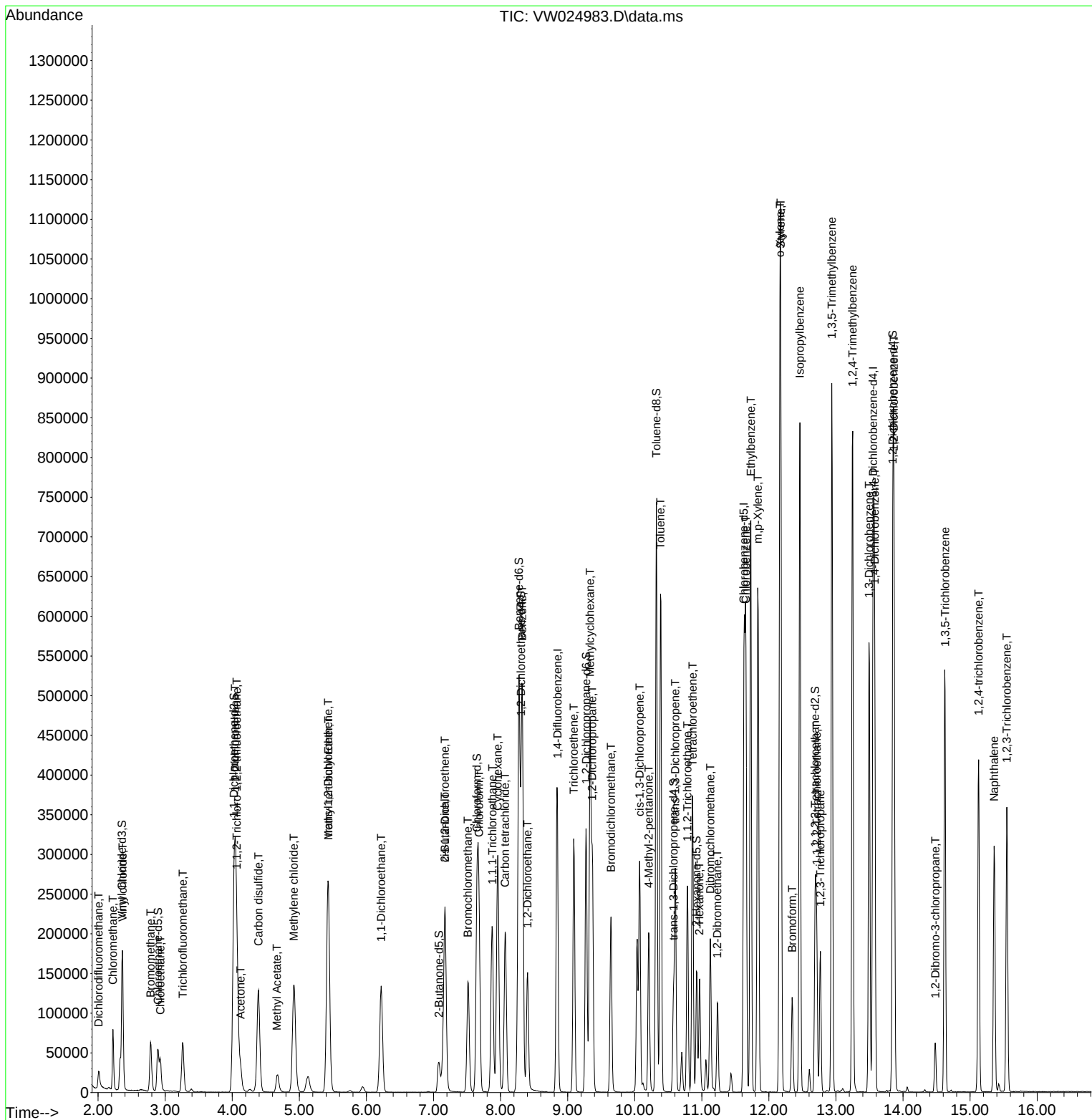
Instrument :
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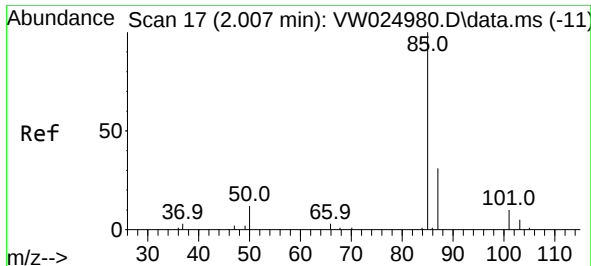
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 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:34:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	136918	24.628	ug/L	100
29) Cyclohexane	7.958	56	168459	24.235	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	172195	23.903	ug/L	98
31) Carbon tetrachloride	8.067	117	153342	23.821	ug/L	100
33) Benzene	8.323	78	433350	24.445	ug/L	100
34) Trichloroethene	9.092	95	112464	23.965	ug/L	98
35) Methylcyclohexane	9.335	83	193507	24.267	ug/L	99
37) 1,2-Dichloropropane	9.366	63	106407	24.731	ug/L	100
38) Bromodichloromethane	9.646	83	148490	24.728	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	173584	25.520	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	129039	51.107	ug/L	99
42) Toluene	10.384	91	458732	24.374	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	154155	25.493	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	80181	24.681	ug/L	97
46) Tetrachloroethene	10.866	164	80906	24.107	ug/L	90
48) 2-Hexanone	10.963	43	88115	50.462	ug/L	99
49) Dibromochloromethane	11.128	129	97712	24.675	ug/L	98
50) 1,2-Dibromoethane	11.231	107	75915	24.708	ug/L	99
51) Chlorobenzene	11.658	112	294674	24.155	ug/L	97
52) Ethylbenzene	11.731	91	523768	24.110	ug/L	97
53) m,p-Xylene	11.835	106	201883	24.007	ug/L	95
54) o-Xylene	12.164	106	193716	24.418	ug/L	100
55) Styrene	12.176	104	336630	24.430	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	97736	25.079	ug/L	97
59) Bromoform	12.347	173	51254	24.236	ug/L	98
60) Isopropylbenzene	12.463	105	528579	23.514	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	72975	24.293	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	464867	23.822	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	464518	24.275	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	223754	23.865	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	217261	23.224	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	200608	23.797	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16992	24.477	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	150102	24.171	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	121229	25.117	ug/L	99
71) Naphthalene	15.359	128	264841	26.011	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	106808	25.397	ug/L	98

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

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Response via : Initial Calibration

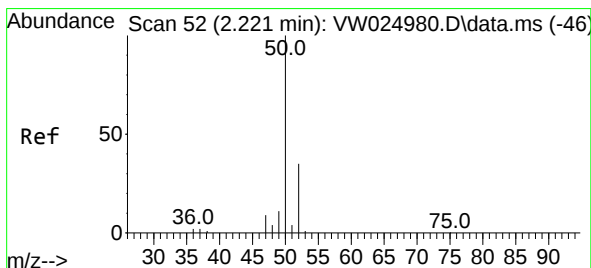
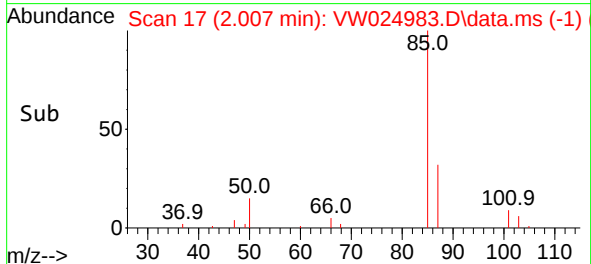
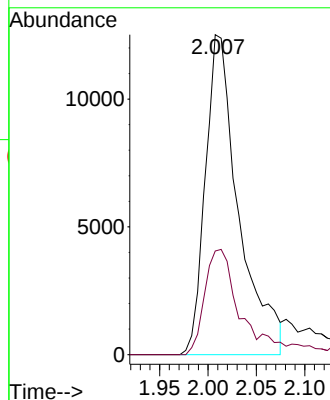
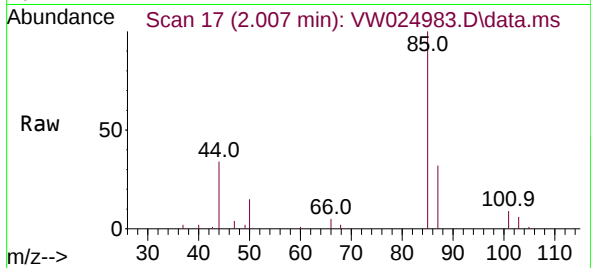




#2
 Dichlorodifluoromethane
 Concen: 28.499 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024983.D
 Acq: 26 Oct 2022 12:54

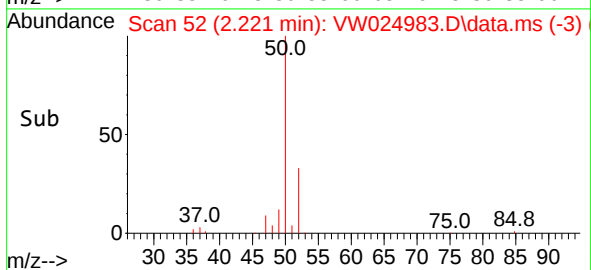
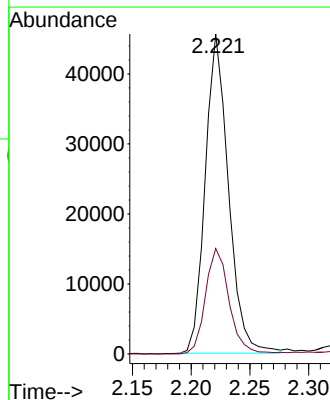
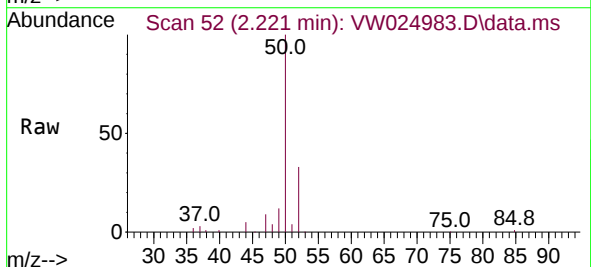
Instrument :
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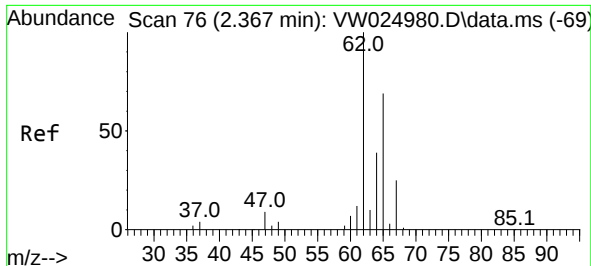
Tgt Ion: 85 Resp: 30019
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.9 38.9



#3
 Chloromethane
 Concen: 24.752 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024983.D
 Acq: 26 Oct 2022 12:54

Tgt Ion: 50 Resp: 62709
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.1 44.8

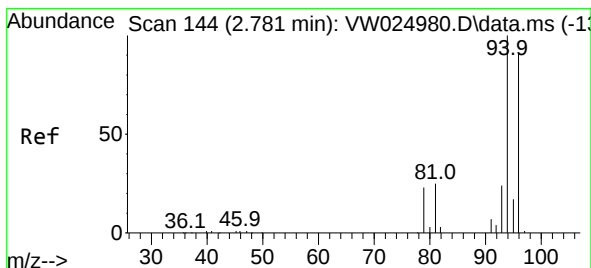
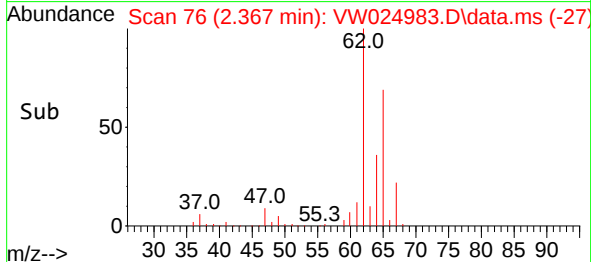
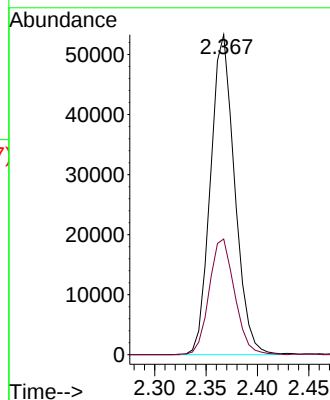
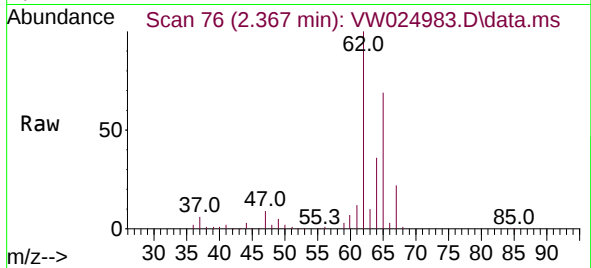




#5
 Vinyl chloride
 Concen: 24.899 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024983.D
 Acq: 26 Oct 2022 12:54

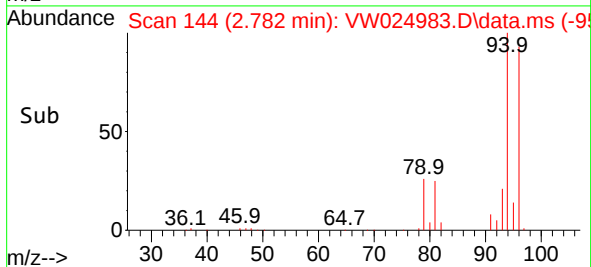
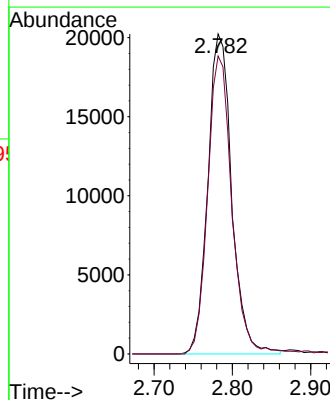
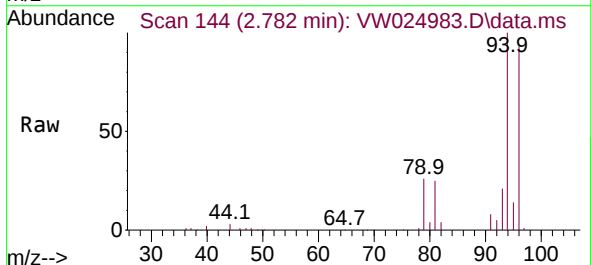
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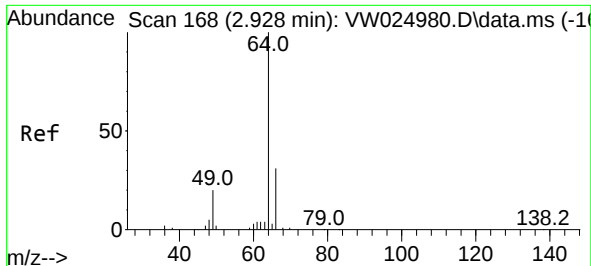
Tgt Ion: 62 Resp: 87159
 Ion Ratio Lower Upper
 62 100
 64 36.1 27.2 50.6



#6
 Bromomethane
 Concen: 24.559 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024983.D
 Acq: 26 Oct 2022 12:54

Tgt Ion: 94 Resp: 42902
 Ion Ratio Lower Upper
 94 100
 96 93.1 63.8 118.6

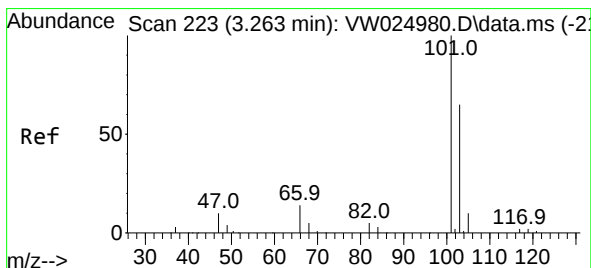
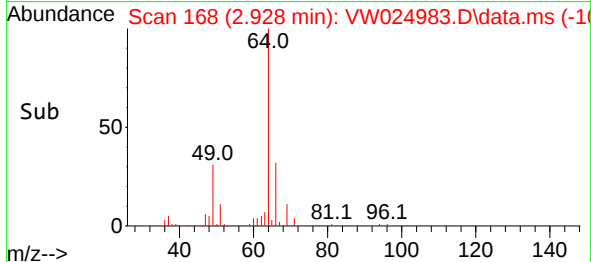
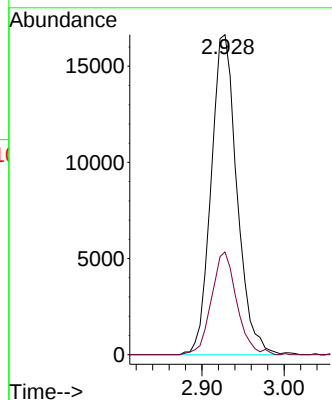
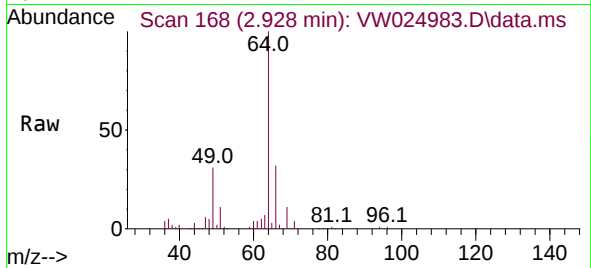




#8
Chloroethane
Concen: 24.917 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

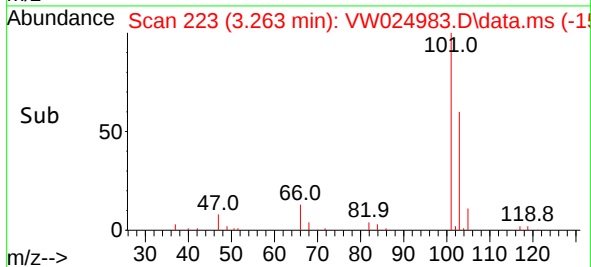
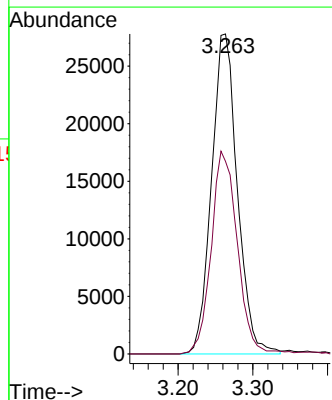
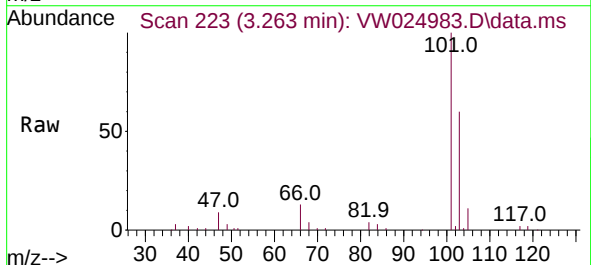
Instrument :
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ClientSampleId :
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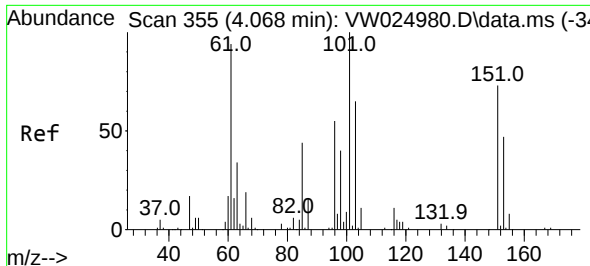
Tgt Ion: 64 Resp: 36385
Ion Ratio Lower Upper
64 100
66 32.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 22.726 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion: 101 Resp: 66735
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

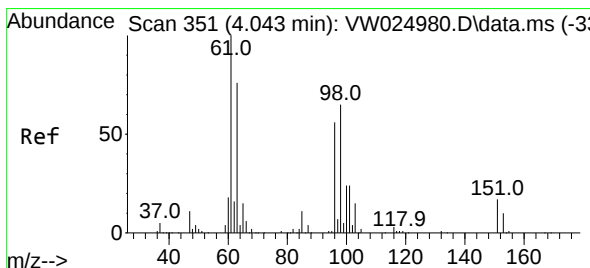
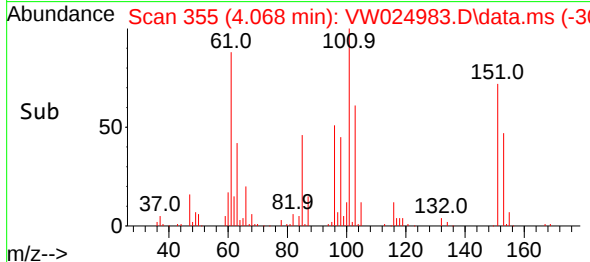
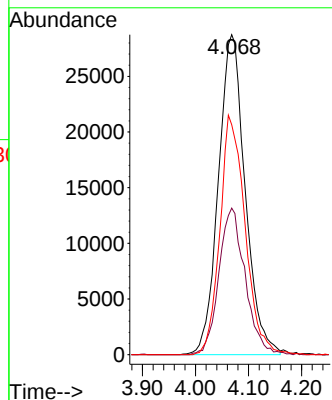
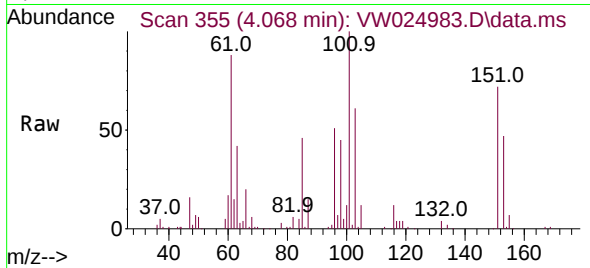




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.231 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW024983.D
 Acq: 26 Oct 2022 12:54

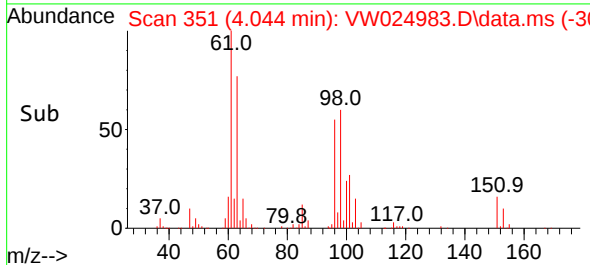
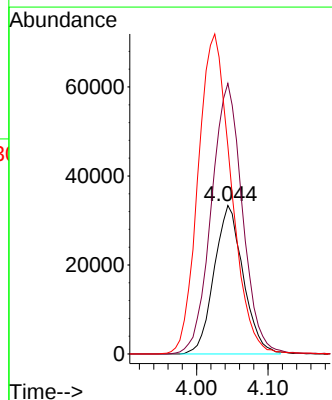
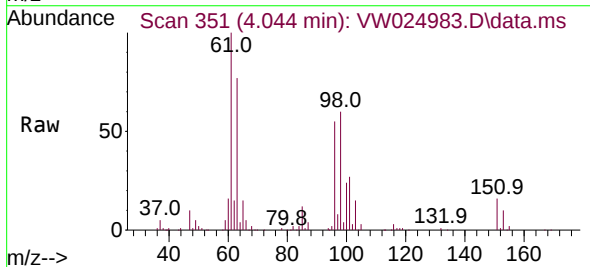
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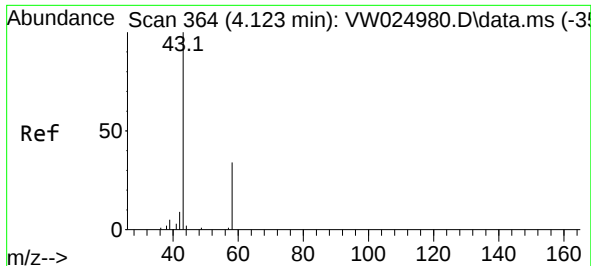
Tgt Ion:101 Resp: 100765
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.5 54.7
 151 70.6 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 24.050 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024983.D
 Acq: 26 Oct 2022 12:54

Tgt Ion: 96 Resp: 94214
 Ion Ratio Lower Upper
 96 100
 61 182.2 126.2 234.4
 63 139.9 98.3 182.7





#13

Acetone

Concen: 42.808 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

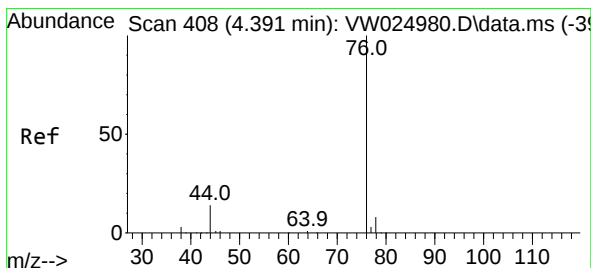
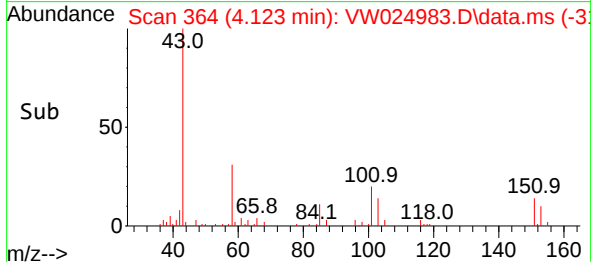
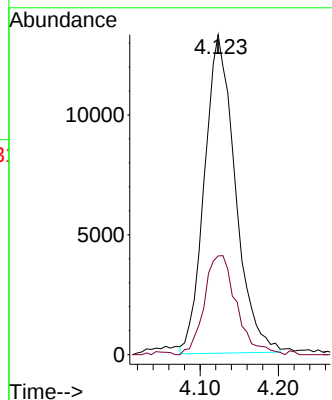
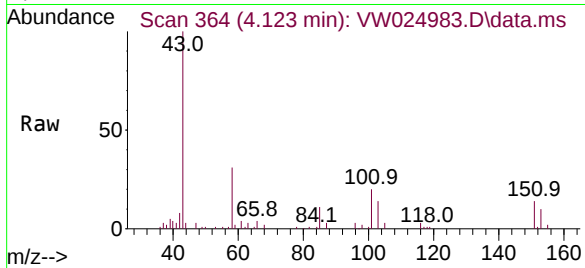
VICV466

Tgt Ion: 43 Resp: 36381

Ion Ratio Lower Upper

43 100

58 32.4 0.0 65.4



#14

Carbon disulfide

Concen: 24.578 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW024983.D

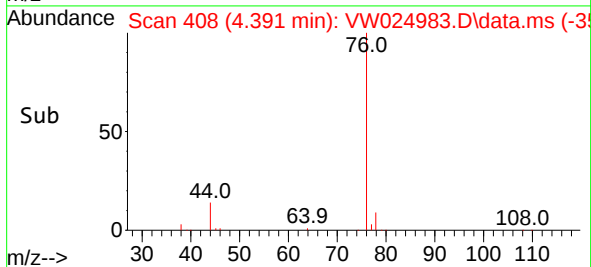
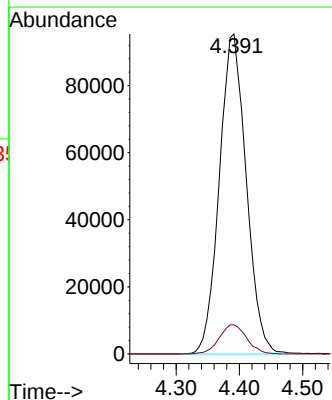
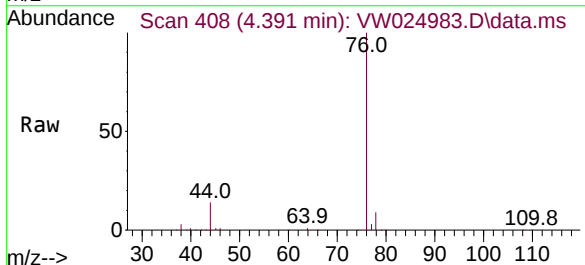
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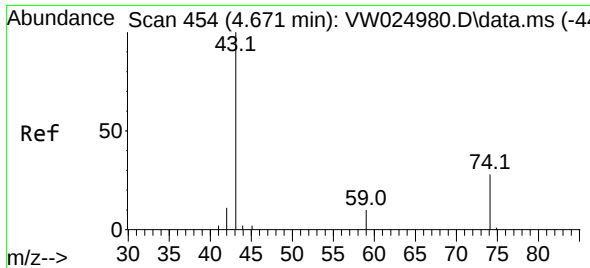
Tgt Ion: 76 Resp: 281260

Ion Ratio Lower Upper

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78 9.1 6.8 10.2

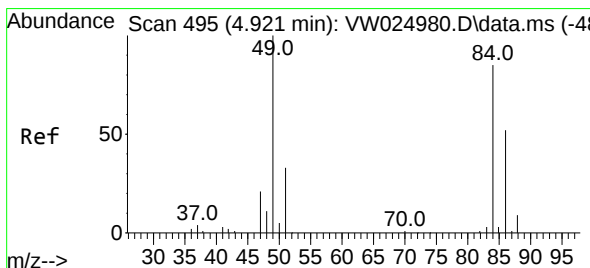
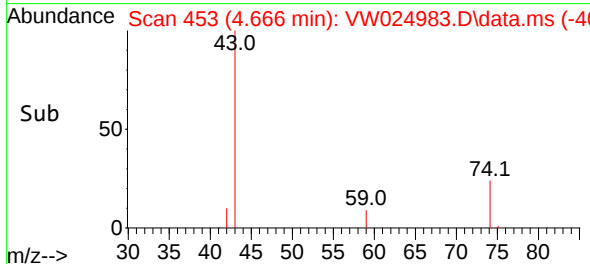
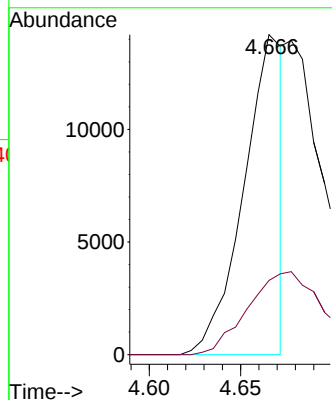
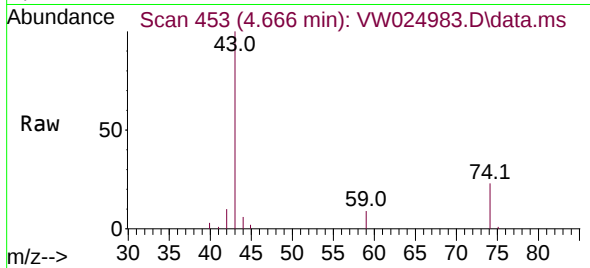




#15
Methyl Acetate
Concen: 12.581 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

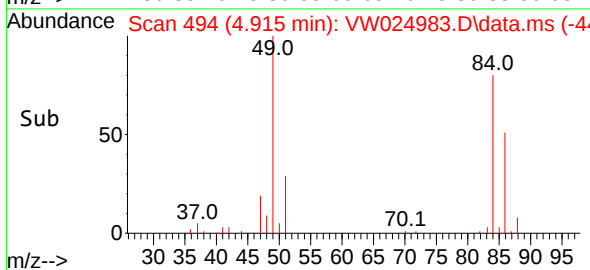
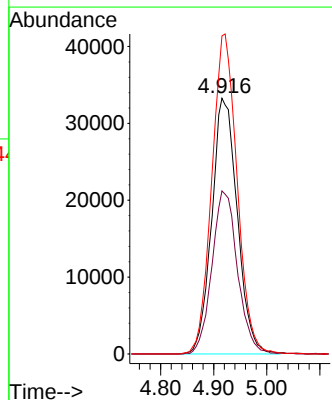
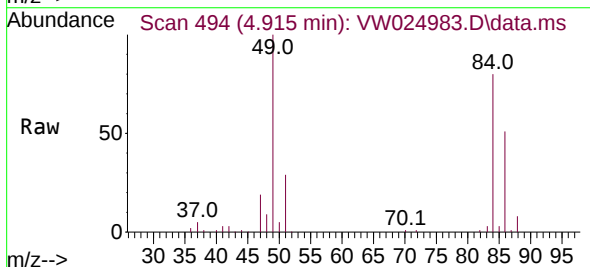
Instrument :
MSVOA_W
ClientSampleId :
VICV466

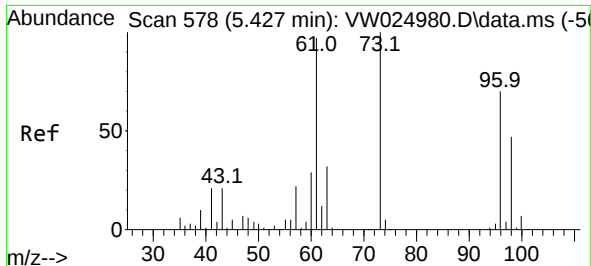
Tgt Ion: 43 Resp: 21287
Ion Ratio Lower Upper
43 100
74 51.5 20.6 30.8#



#16
Methylene chloride
Concen: 19.846 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion: 84 Resp: 111277
Ion Ratio Lower Upper
84 100
86 63.8 42.6 79.0
49 124.5 81.9 152.1

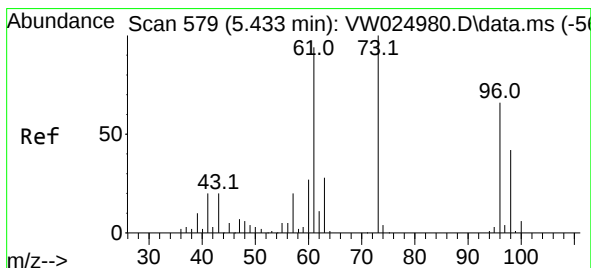
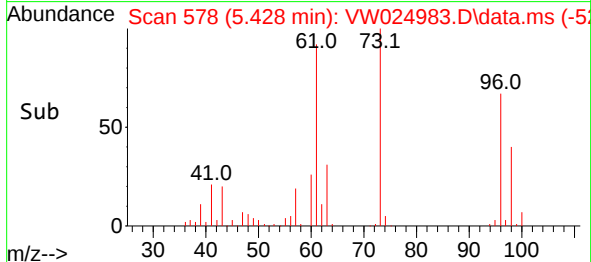
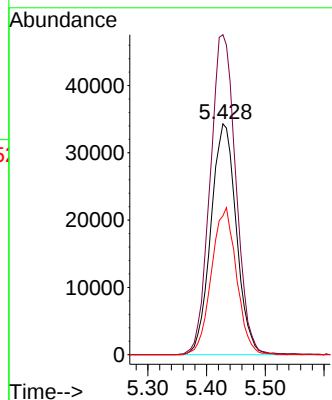
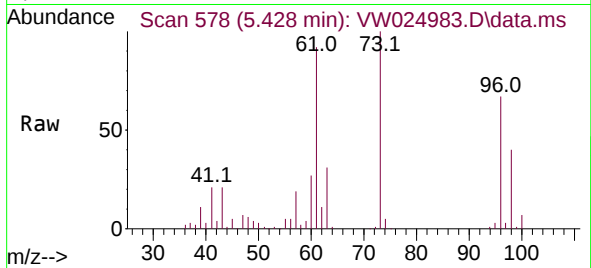




#17
trans-1,2-Dichloroethene
Concen: 24.663 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

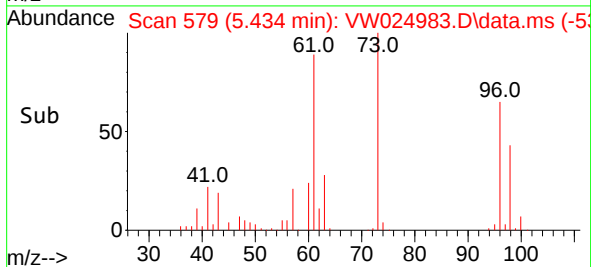
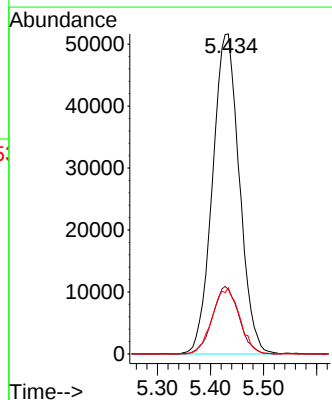
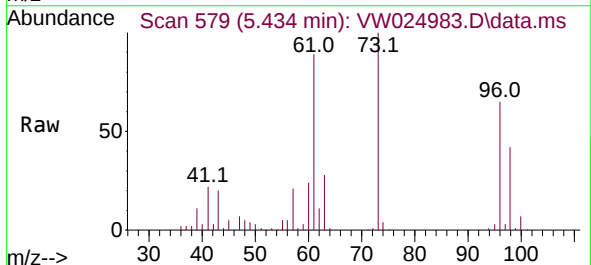
Instrument :
MSVOA_W
ClientSampleId :
VICV466

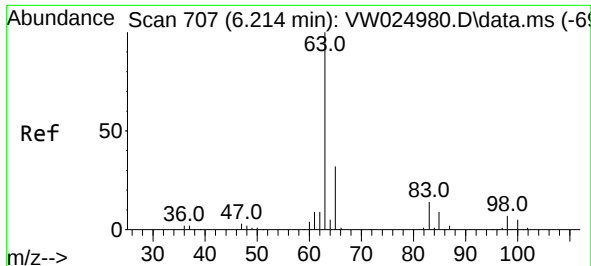
Tgt Ion: 96 Resp: 103456
Ion Ratio Lower Upper
96 100
61 138.6 97.6 181.2
98 60.2 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 25.780 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion: 73 Resp: 181397
Ion Ratio Lower Upper
73 100
43 20.8 16.6 24.8
57 21.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 24.691 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

VICV466

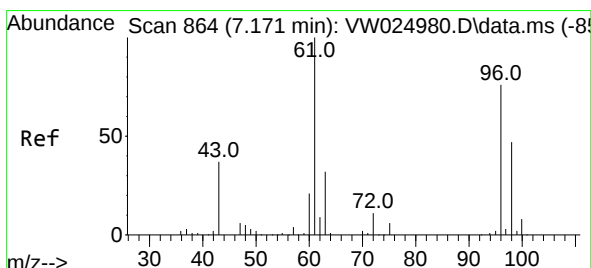
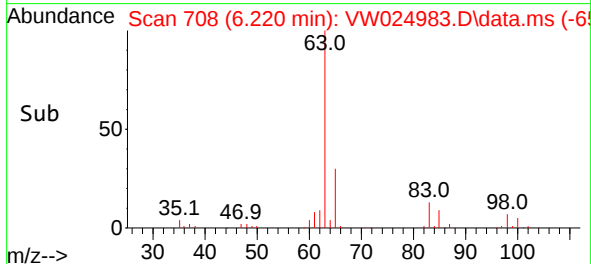
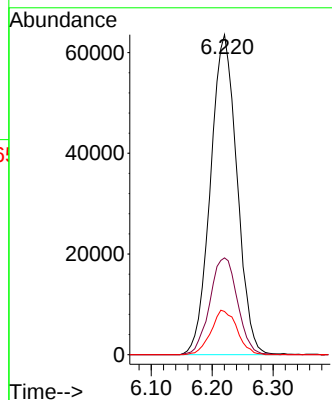
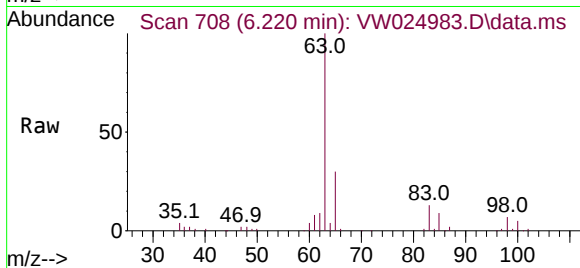
Tgt Ion: 63 Resp: 191748

Ion Ratio Lower Upper

63 100

65 30.2 22.2 41.2

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.150 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

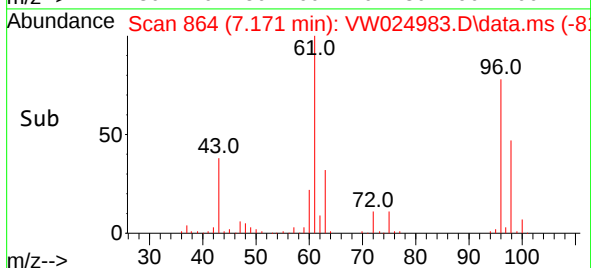
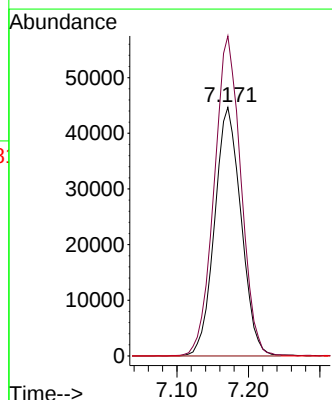
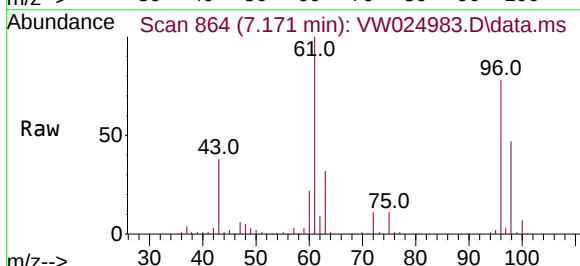
Tgt Ion: 96 Resp: 114984

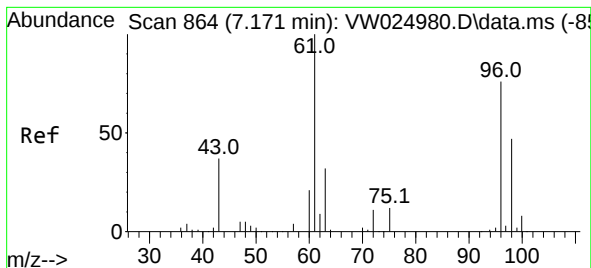
Ion Ratio Lower Upper

96 100

61 128.7 91.8 170.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 45.158 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

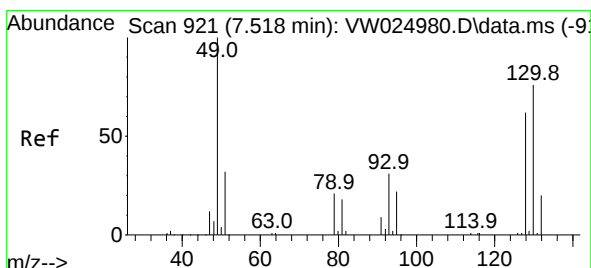
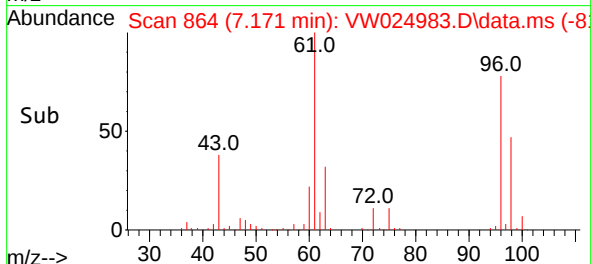
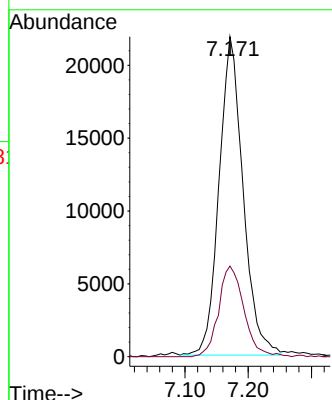
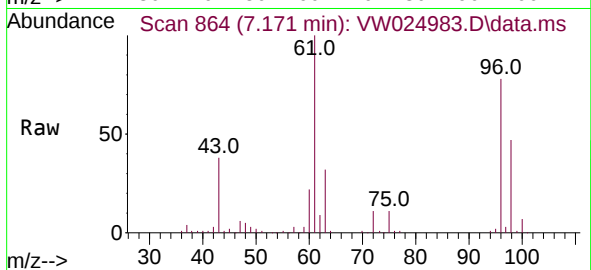
VICV466

Tgt Ion: 43 Resp: 57500

Ion Ratio Lower Upper

43 100

72 29.7 14.6 44.0



#23

Bromochloromethane

Concen: 24.730 ug/L

RT: 7.513 min Scan# 920

Delta R.T. -0.006 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Tgt Ion: 128 Resp: 49015

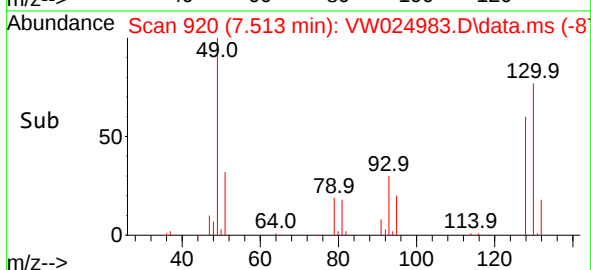
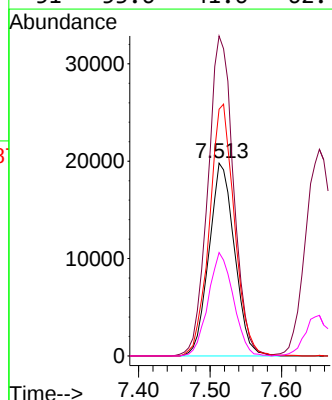
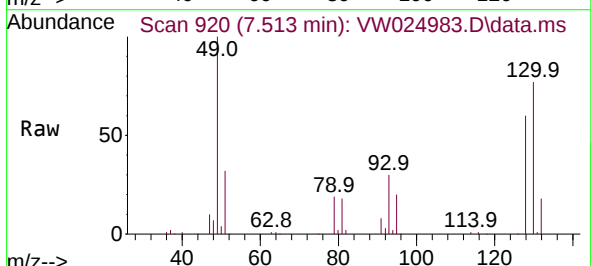
Ion Ratio Lower Upper

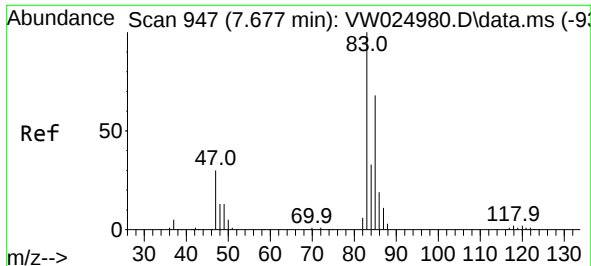
128 100

49 165.9 112.8 209.4

130 127.9 86.2 160.2

51 53.6 41.6 62.4

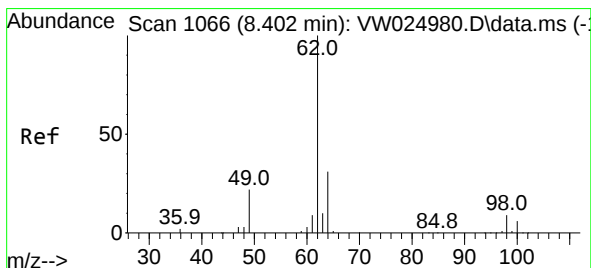
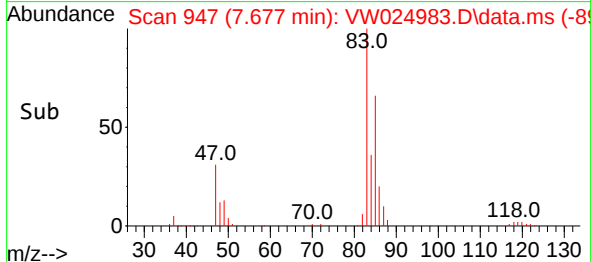
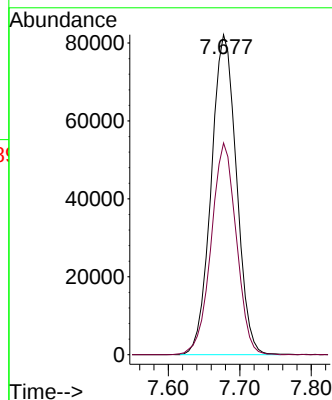
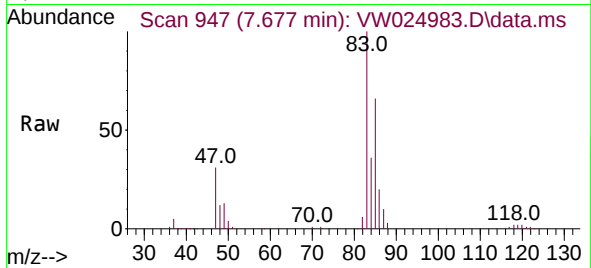




#25
Chloroform
Concen: 24.579 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

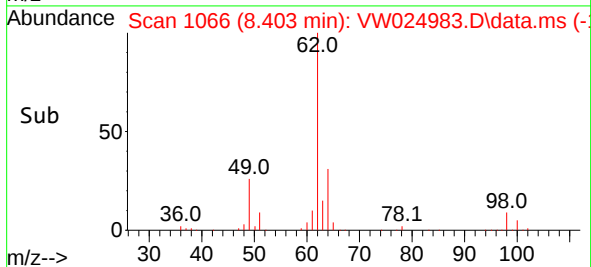
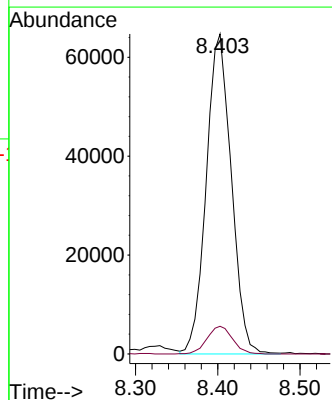
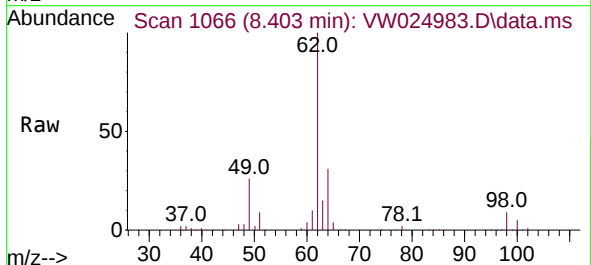
Instrument :
MSVOA_W
ClientSampleId :
VICV466

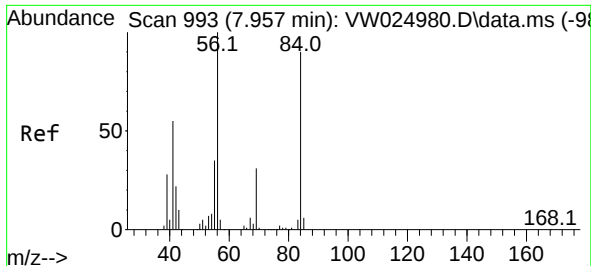
Tgt Ion: 83 Resp: 201456
Ion Ratio Lower Upper
83 100
85 66.2 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.628 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion: 62 Resp: 136918
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.4





#29

Cyclohexane

Concen: 24.235 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

VICV466

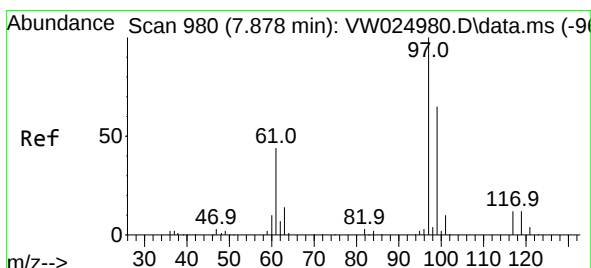
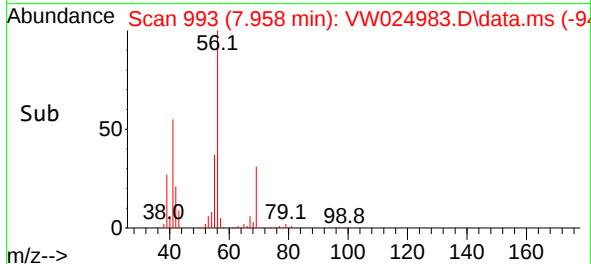
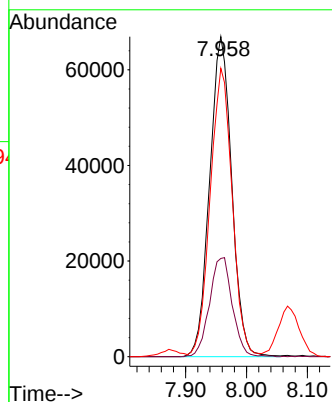
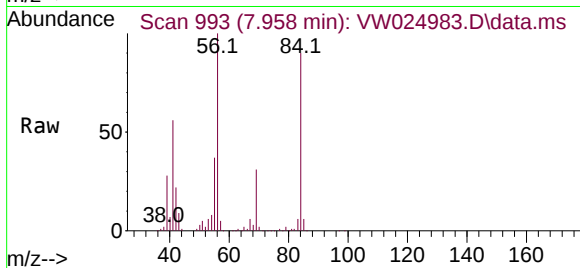
Tgt Ion: 56 Resp: 168459

Ion Ratio Lower Upper

56 100

69 31.8 25.0 37.4

84 90.0 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 23.903 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

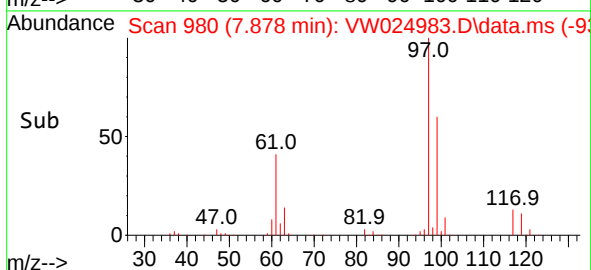
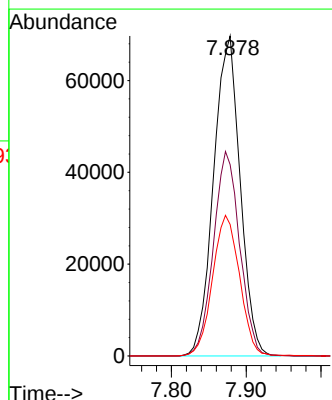
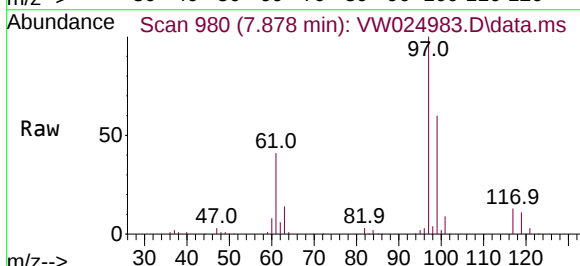
Tgt Ion: 97 Resp: 172195

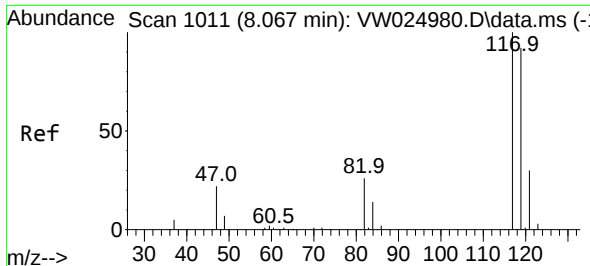
Ion Ratio Lower Upper

97 100

99 63.2 51.8 77.8

61 44.7 36.6 54.8

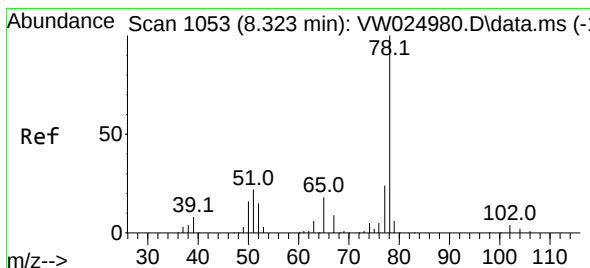
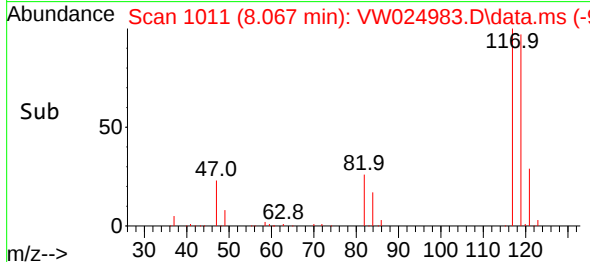
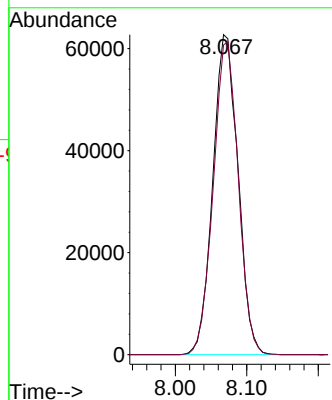
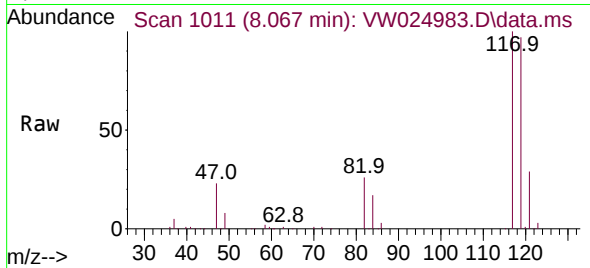




#31
Carbon tetrachloride
Concen: 23.821 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

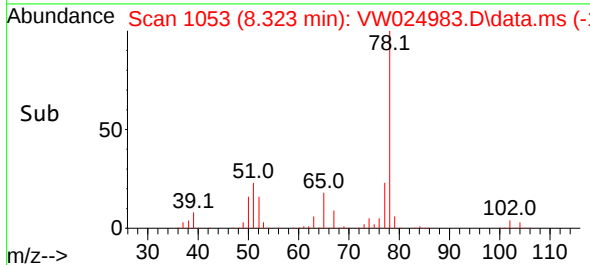
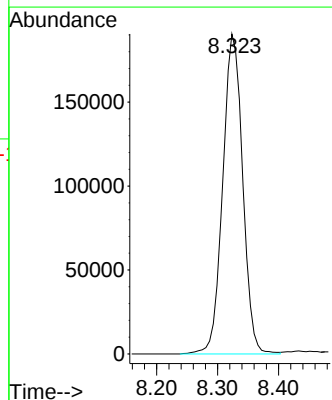
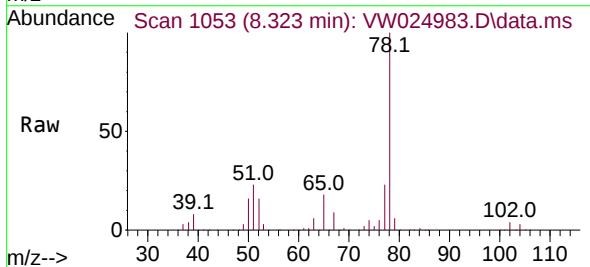
Instrument :
MSVOA_W
ClientSampleId :
VICV466

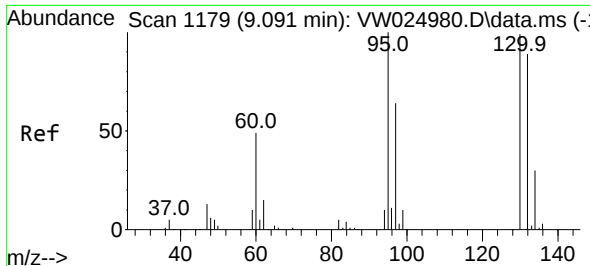
Tgt Ion:117 Resp: 153342
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 24.445 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion: 78 Resp: 433350

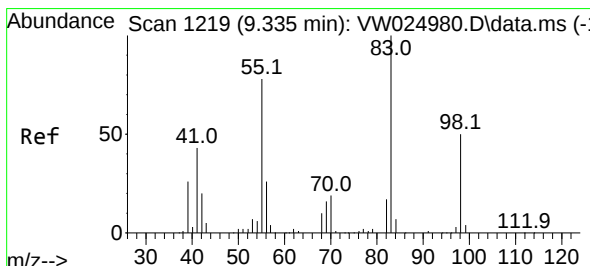
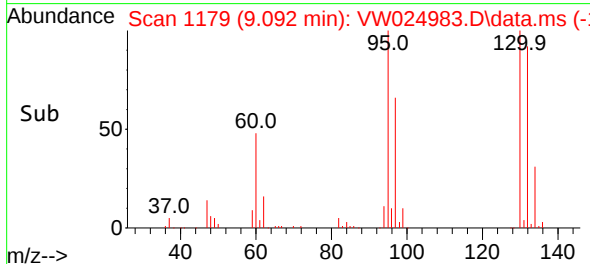
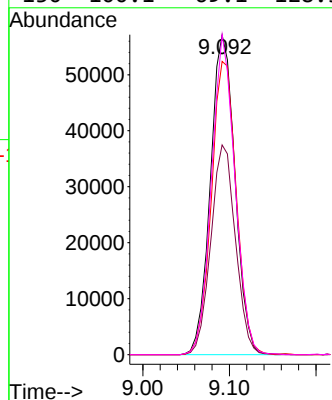
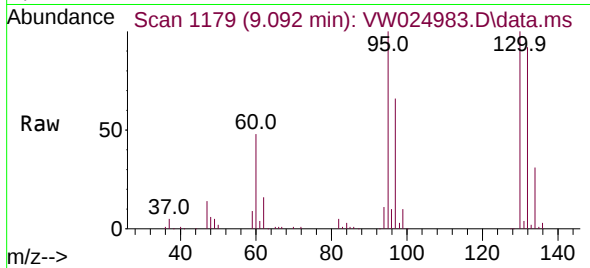




#34
Trichloroethene
Concen: 23.965 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

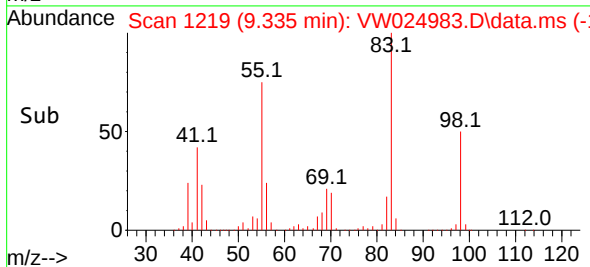
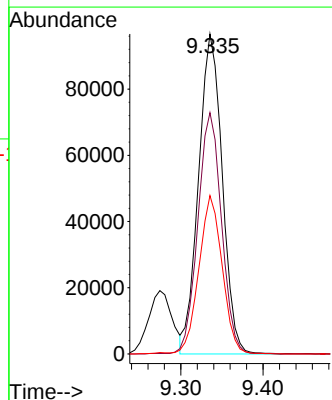
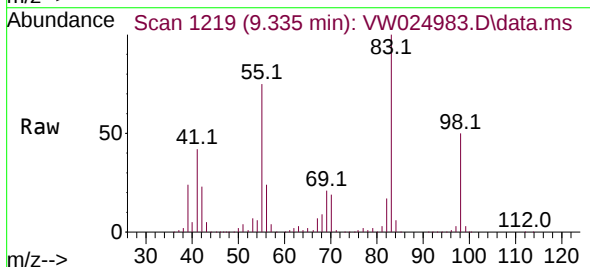
Instrument :
MSVOA_W
ClientSampleId :
VICV466

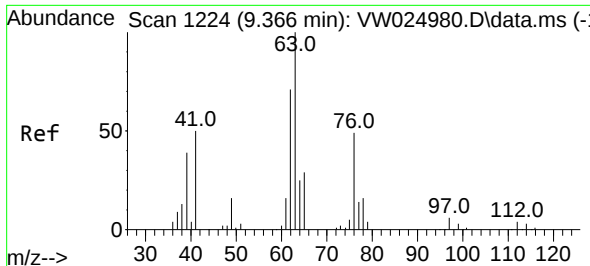
Tgt Ion: 95 Resp: 112464
Ion Ratio Lower Upper
95 100
97 65.6 44.7 83.1
132 91.7 62.6 116.2
130 100.1 69.1 128.3



#35
Methylcyclohexane
Concen: 24.267 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion: 83 Resp: 193507
Ion Ratio Lower Upper
83 100
55 74.9 60.4 90.6
98 48.7 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.731 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

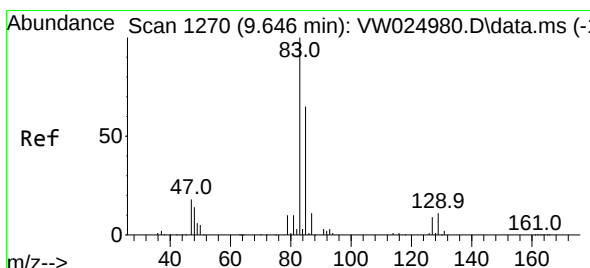
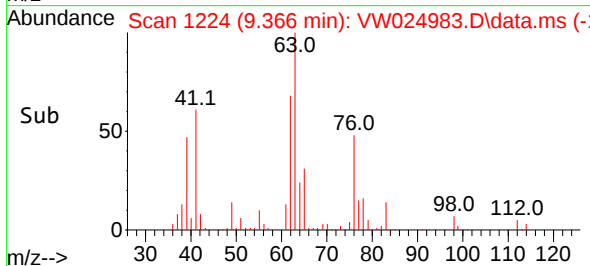
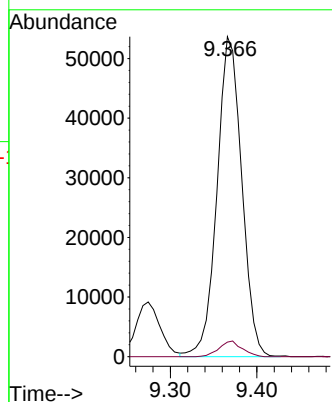
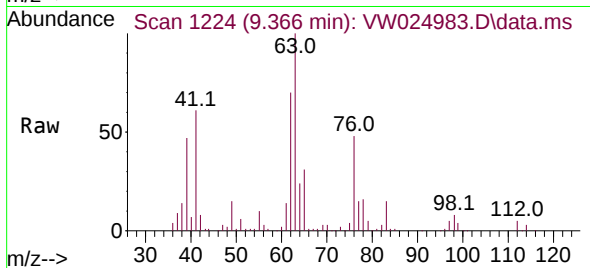
VICV466

Tgt Ion: 63 Resp: 106407

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 24.728 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

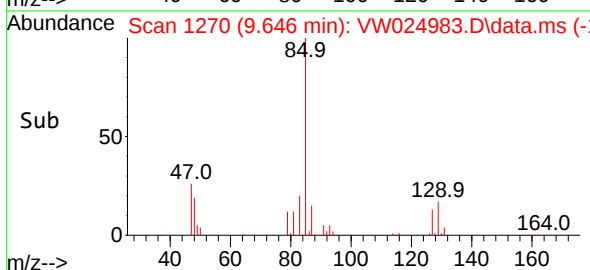
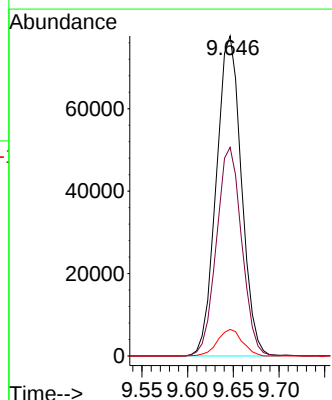
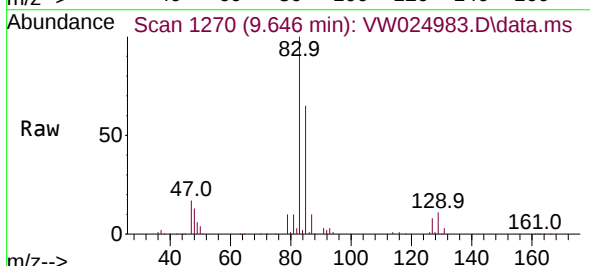
Tgt Ion: 83 Resp: 148490

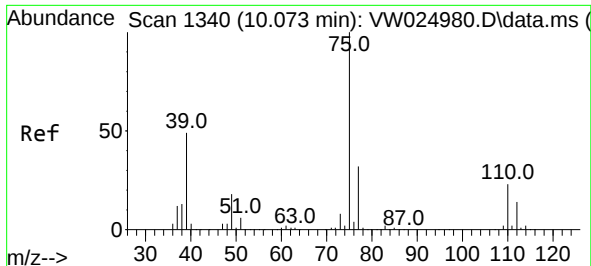
Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.0

127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 25.520 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

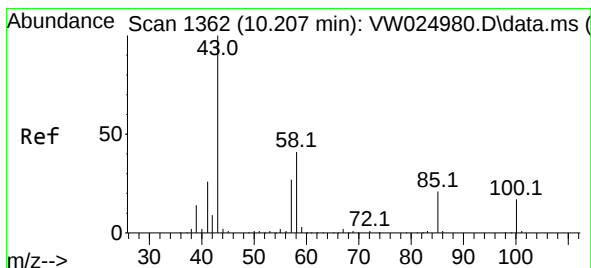
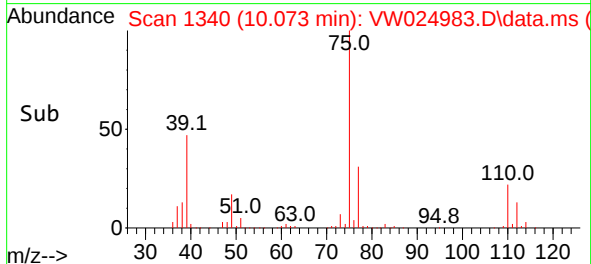
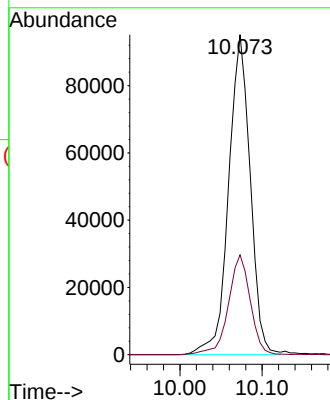
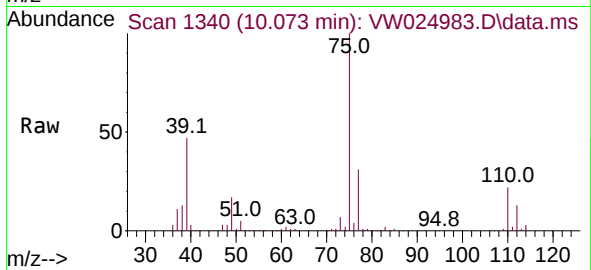
VICV466

Tgt Ion: 75 Resp: 173584

Ion Ratio Lower Upper

75 100

77 31.2 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 51.107 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

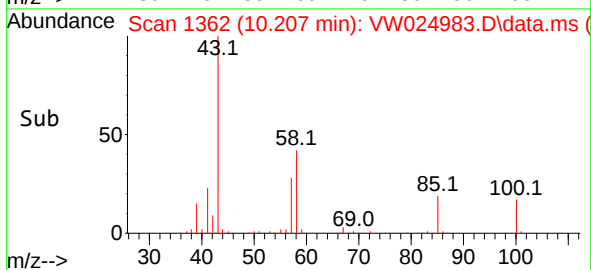
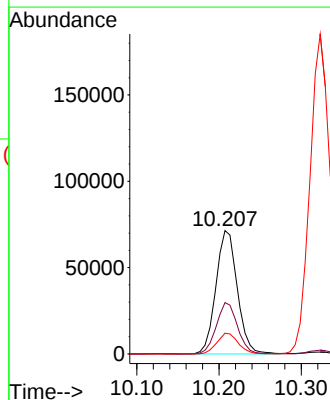
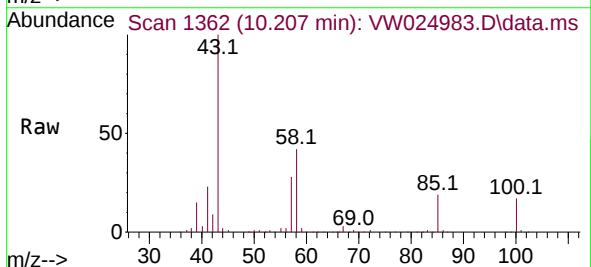
Tgt Ion: 43 Resp: 129039

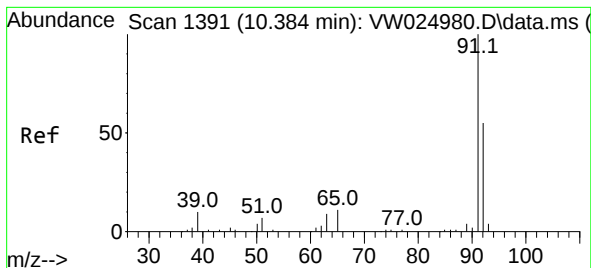
Ion Ratio Lower Upper

43 100

58 41.3 32.6 48.8

100 16.9 14.0 21.0





#42

Toluene

Concen: 24.374 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

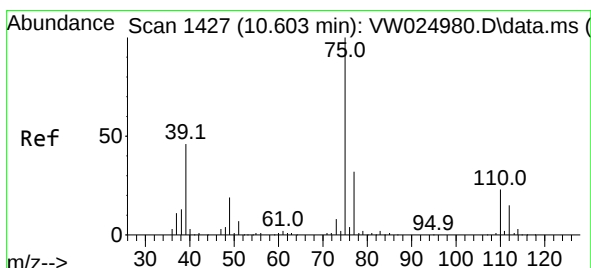
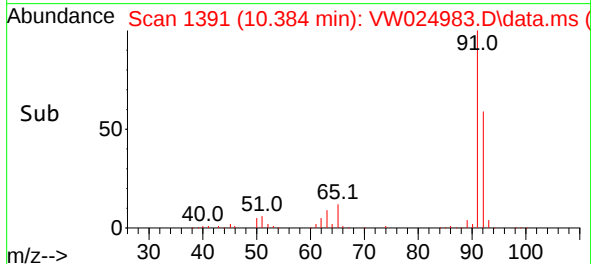
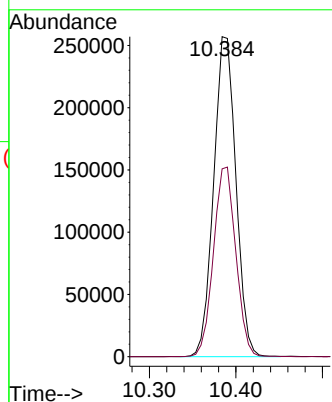
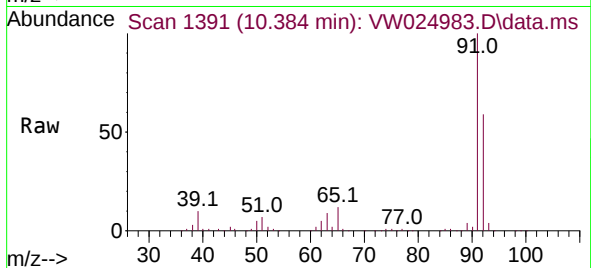
VICV466

Tgt Ion: 91 Resp: 458732

Ion Ratio Lower Upper

91 100

92 58.7 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.493 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024983.D

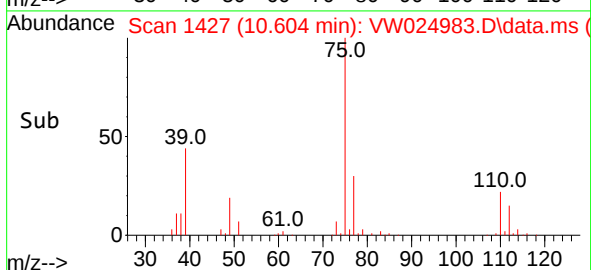
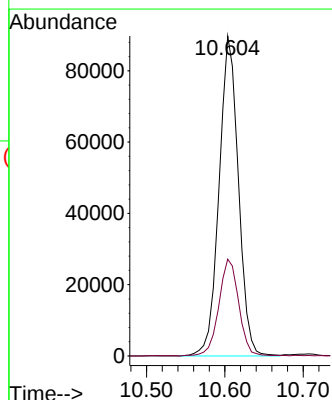
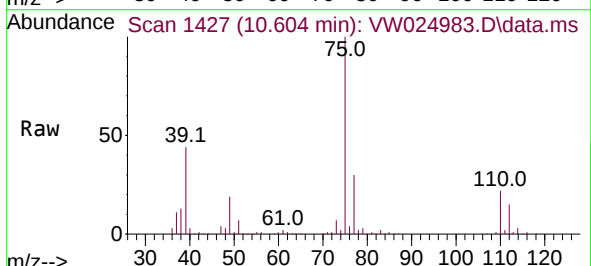
Acq: 26 Oct 2022 12:54

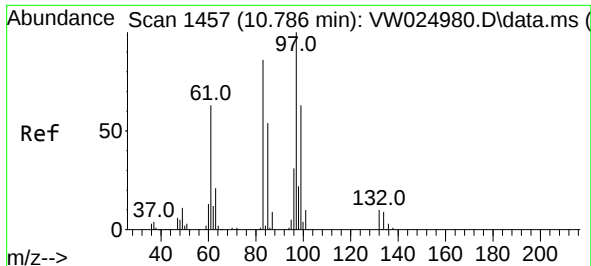
Tgt Ion: 75 Resp: 154155

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.5

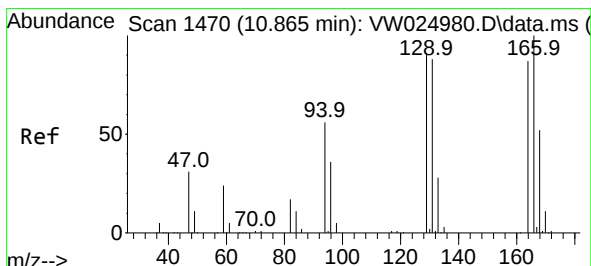
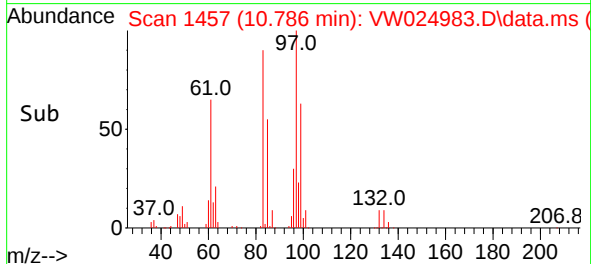
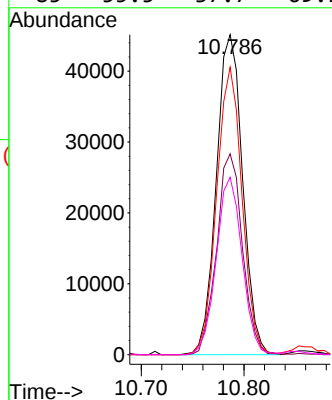
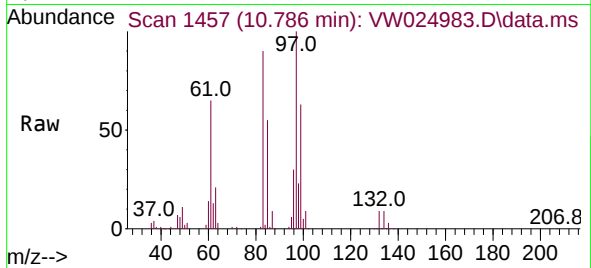




#45
1,1,2-Trichloroethane
Concen: 24.681 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

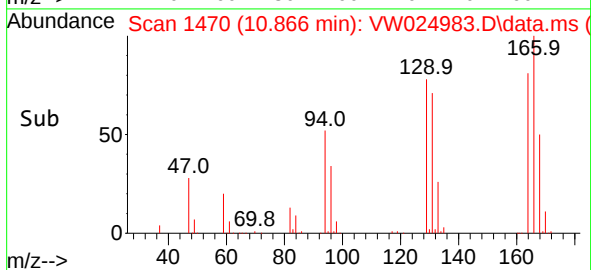
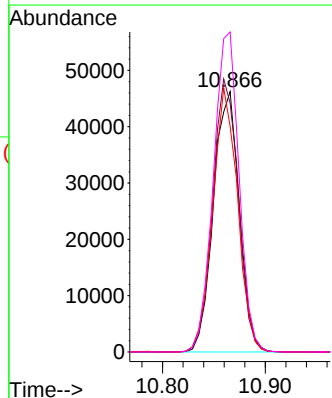
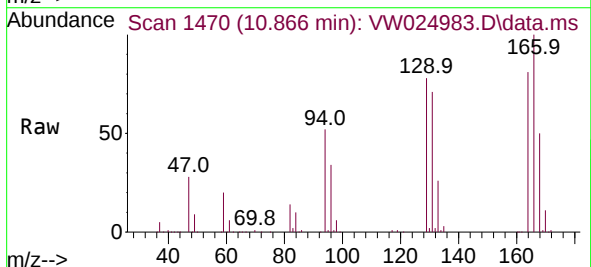
Instrument :
MSVOA_W
ClientSampleId :
VICV466

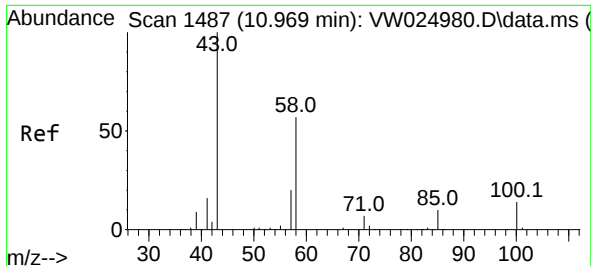
Tgt Ion:	97	Resp:	80181
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	89.8	59.9	111.3
85	55.5	37.7	69.9



#46
Tetrachloroethene
Concen: 24.107 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion:	164	Resp:	80906
Ion	Ratio	Lower	Upper
164	100		
129	95.6	72.9	135.5
131	86.7	70.1	130.3
166	122.9	80.2	148.9

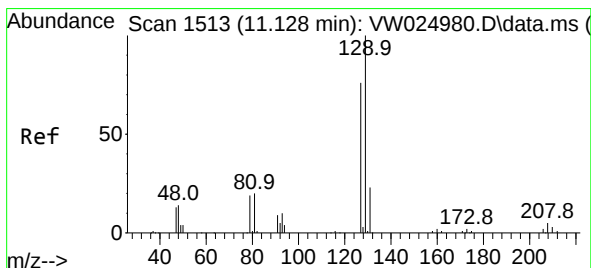
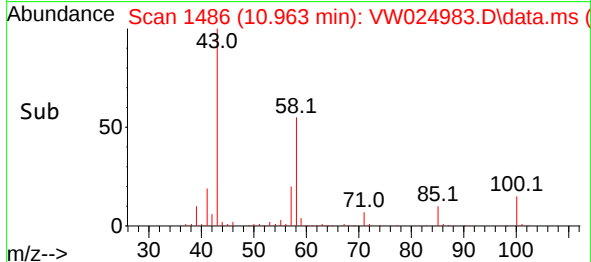
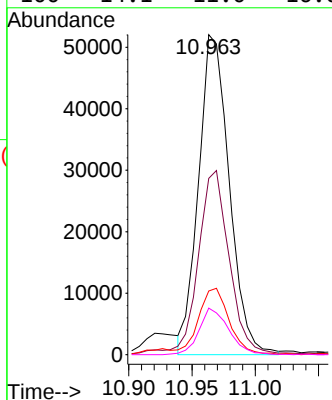
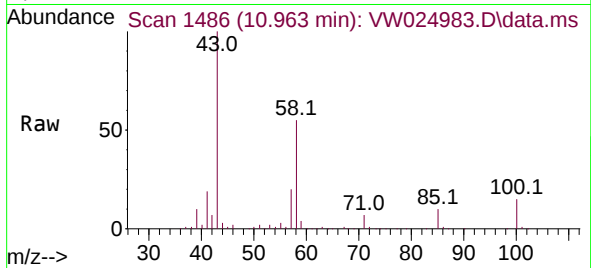




#48
2-Hexanone
Concen: 50.462 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

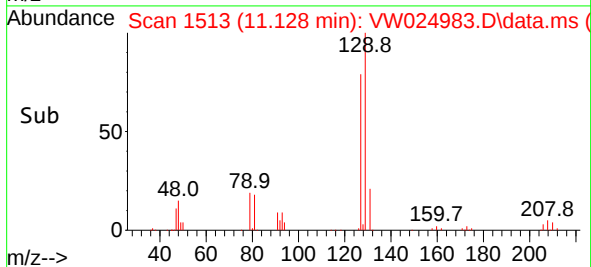
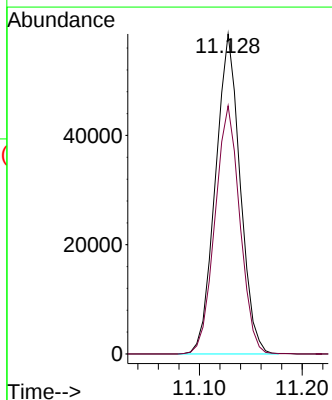
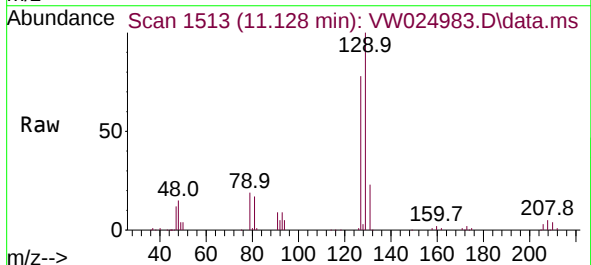
Instrument :
MSVOA_W
ClientSampleId :
VICV466

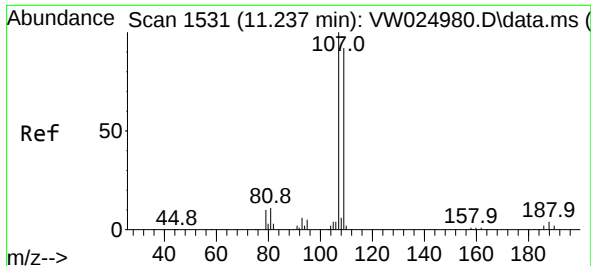
Tgt Ion: 43 Resp: 88115
Ion Ratio Lower Upper
43 100
58 57.7 46.1 69.1
57 20.9 16.2 24.2
100 14.1 11.0 16.6



#49
Dibromochloromethane
Concen: 24.675 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion: 129 Resp: 97712
Ion Ratio Lower Upper
129 100
127 77.6 53.2 98.8





#50

1,2-Dibromoethane

Concen: 24.708 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

VICV466

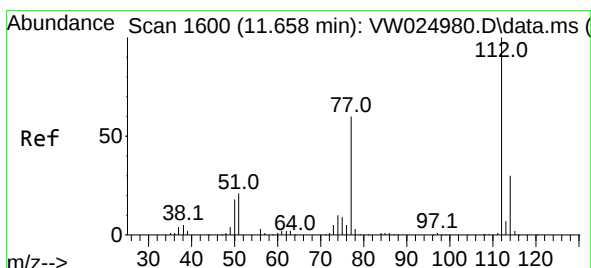
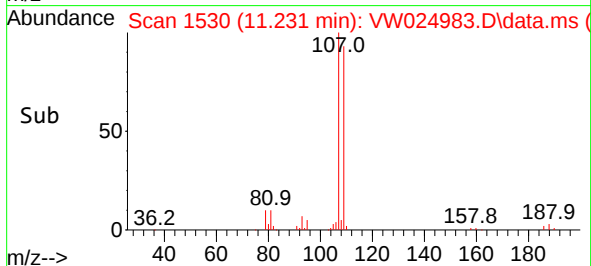
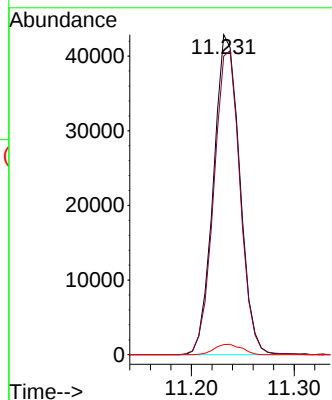
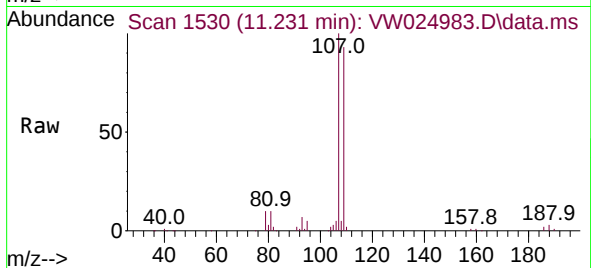
Tgt Ion:107 Resp: 75915

Ion Ratio Lower Upper

107 100

109 93.3 64.5 119.7

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 24.155 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

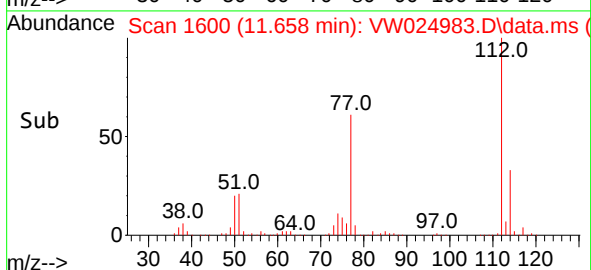
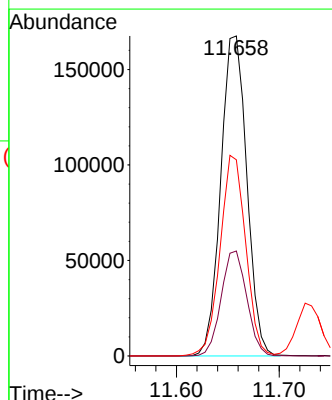
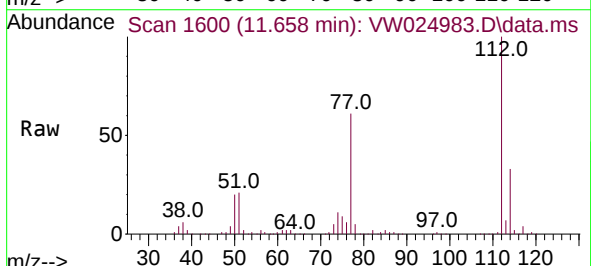
Tgt Ion:112 Resp: 294674

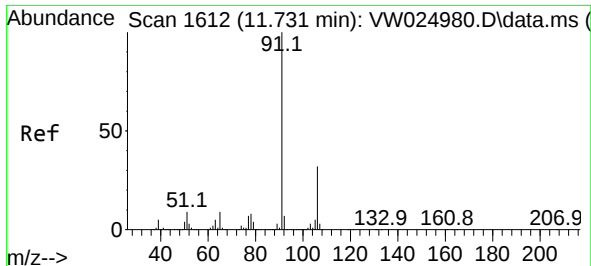
Ion Ratio Lower Upper

112 100

114 32.8 20.8 38.6

77 61.3 48.2 72.2

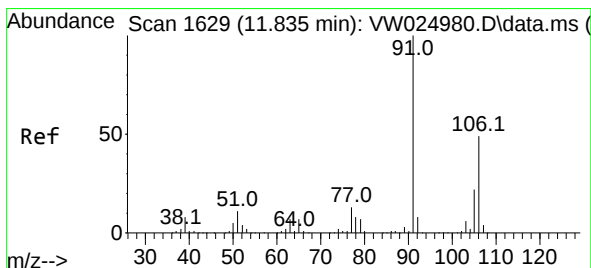
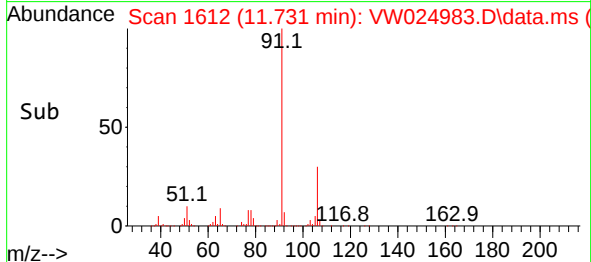
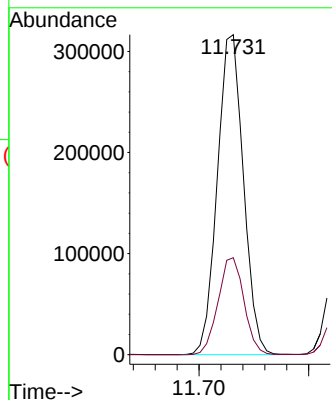
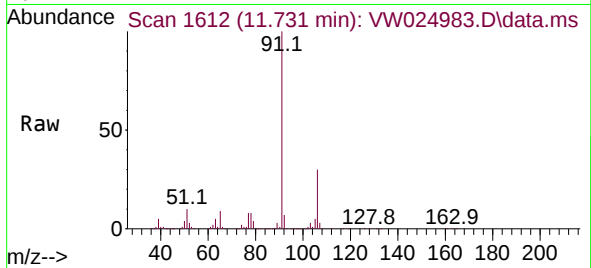




#52
Ethylbenzene
Concen: 24.110 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

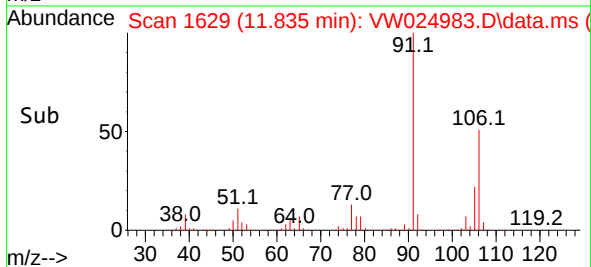
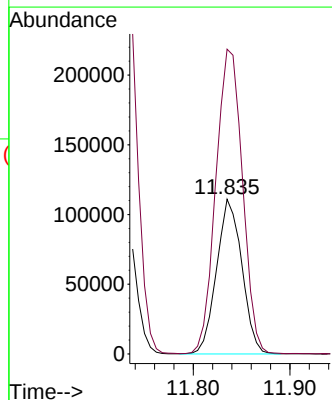
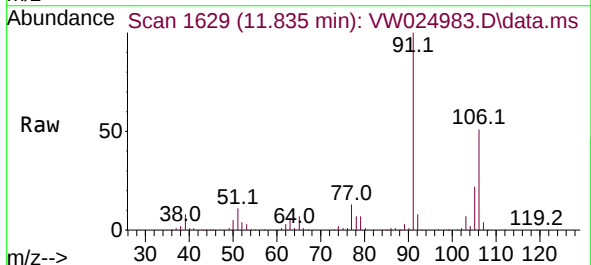
Instrument :
MSVOA_W
ClientSampleId :
VICV466

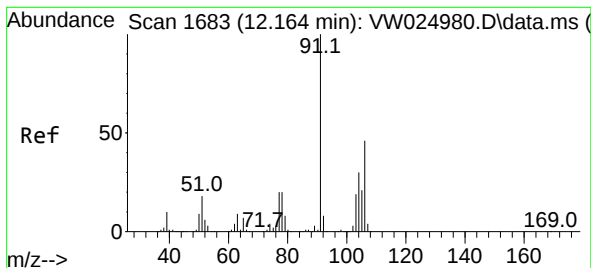
Tgt Ion: 91 Resp: 523768
Ion Ratio Lower Upper
91 100
106 30.3 22.3 41.5



#53
m,p-Xylene
Concen: 24.007 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion: 106 Resp: 201883
Ion Ratio Lower Upper
106 100
91 197.0 143.9 267.2





#54

o-Xylene

Concen: 24.418 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

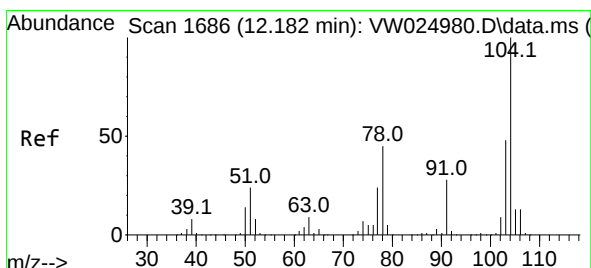
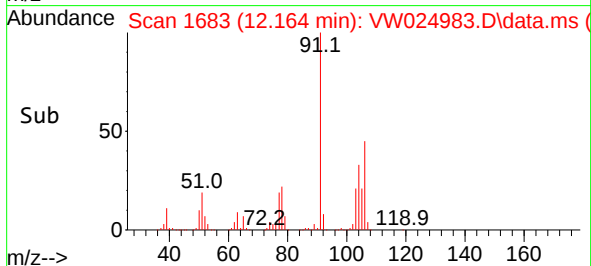
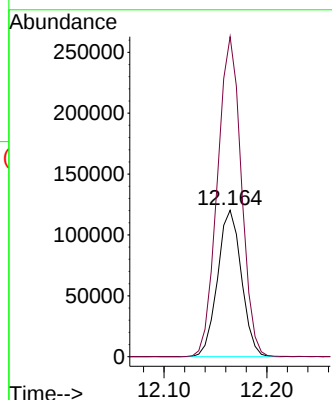
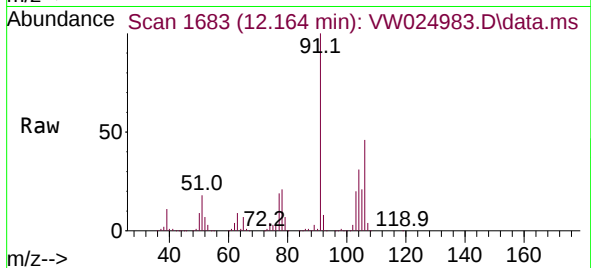
VICV466

Tgt Ion:106 Resp: 193716

Ion Ratio Lower Upper

106 100

91 218.6 153.5 285.1



#55

Styrene

Concen: 24.430 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW024983.D

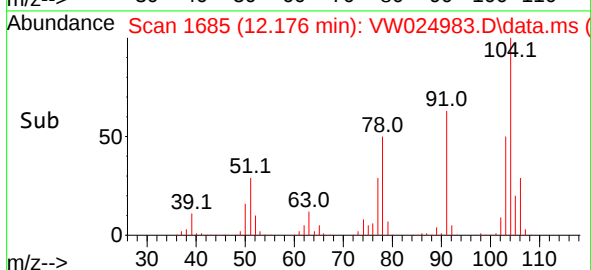
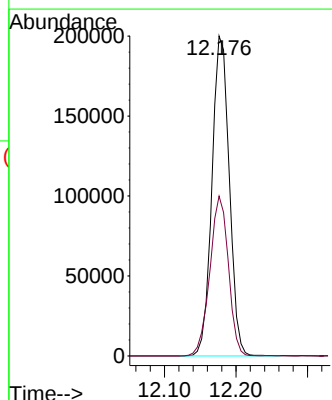
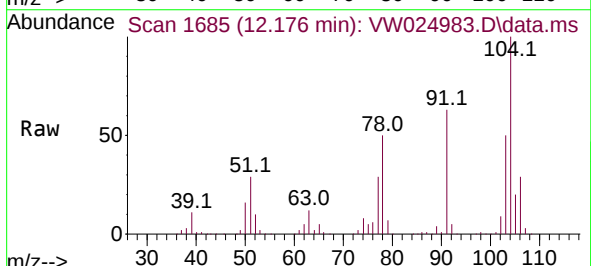
Acq: 26 Oct 2022 12:54

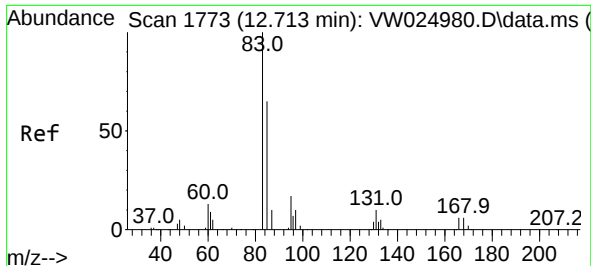
Tgt Ion:104 Resp: 336630

Ion Ratio Lower Upper

104 100

78 50.0 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.079 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

VICV466

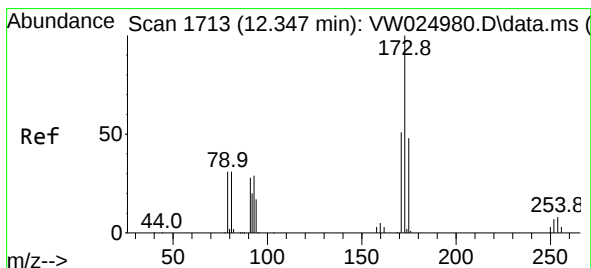
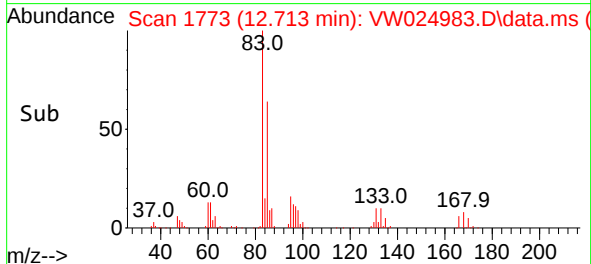
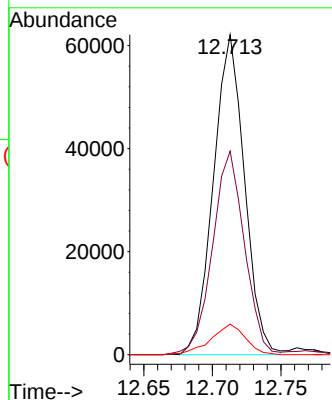
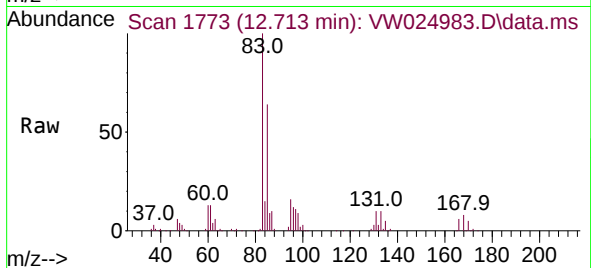
Tgt Ion: 83 Resp: 97736

Ion Ratio Lower Upper

83 100

85 63.6 46.4 86.2

131 9.6 8.2 12.4



#59

Bromoform

Concen: 24.236 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

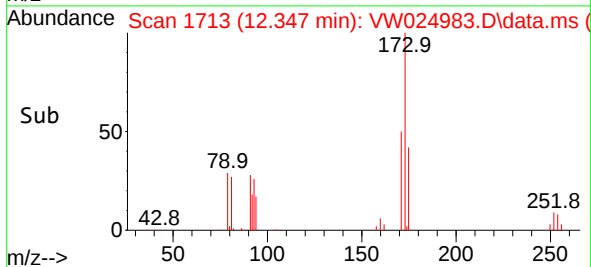
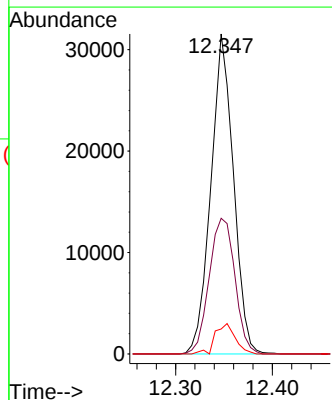
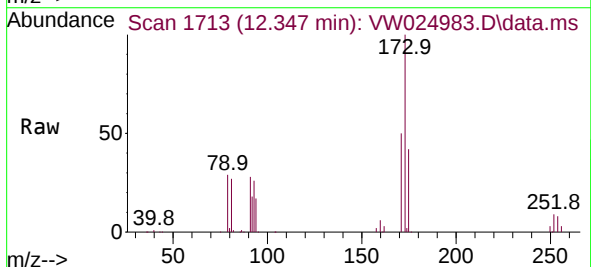
Tgt Ion:173 Resp: 51254

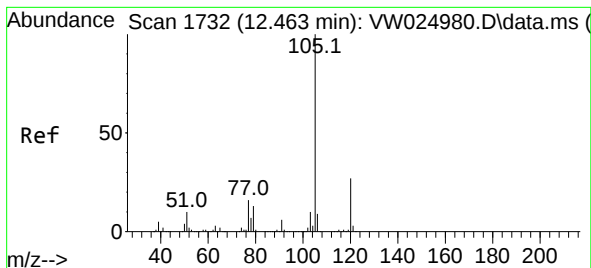
Ion Ratio Lower Upper

173 100

175 48.2 37.4 56.2

254 8.1 5.8 8.8





#60

Isopropylbenzene

Concen: 23.514 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

VICV466

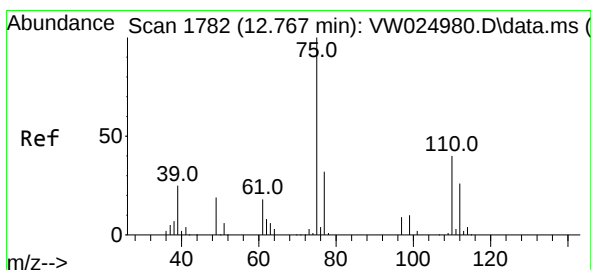
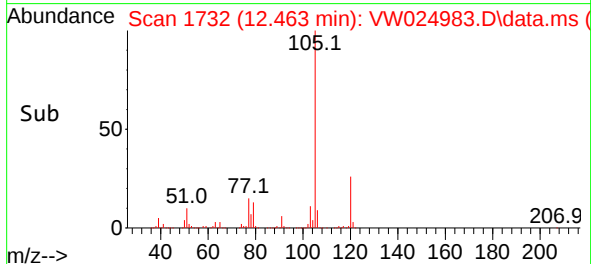
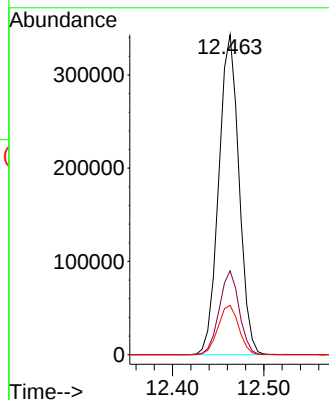
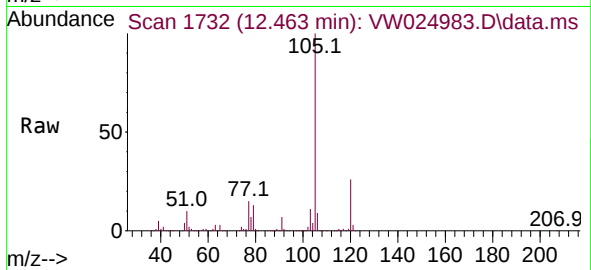
Tgt Ion:105 Resp: 528579

Ion Ratio Lower Upper

105 100

120 25.7 20.8 31.2

77 15.9 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 24.293 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

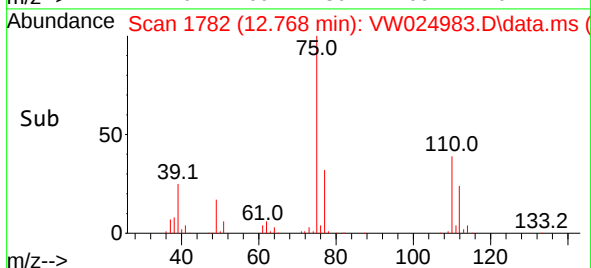
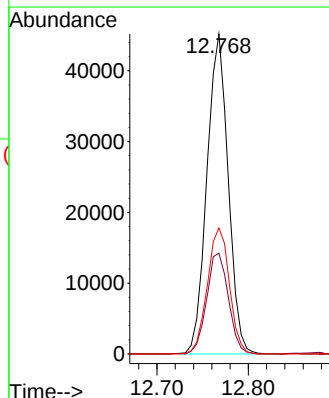
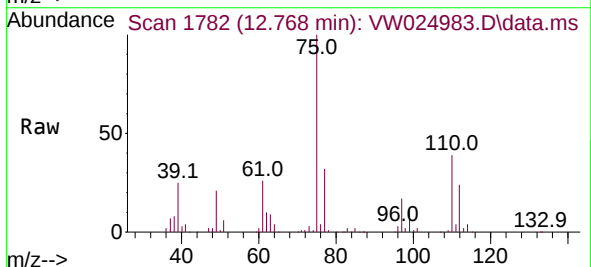
Tgt Ion: 75 Resp: 72975

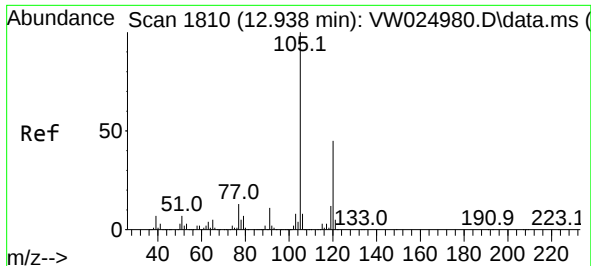
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

110 40.7 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 23.822 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

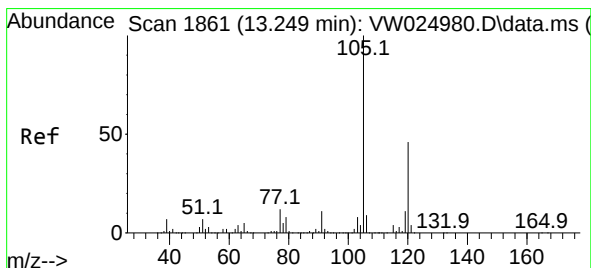
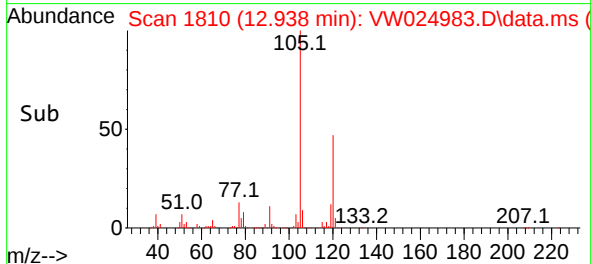
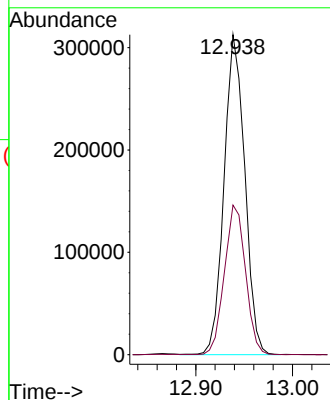
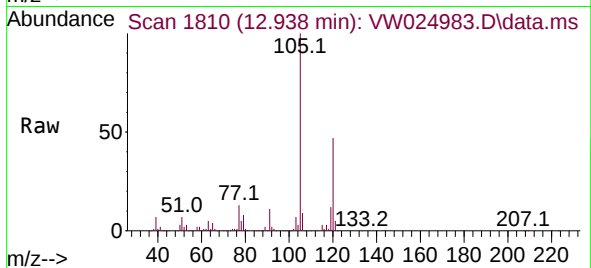
VICV466

Tgt Ion:105 Resp: 464867

Ion Ratio Lower Upper

105 100

120 47.7 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 24.275 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024983.D

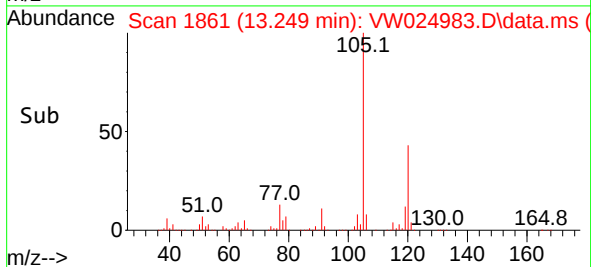
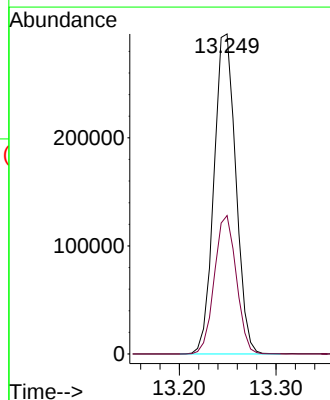
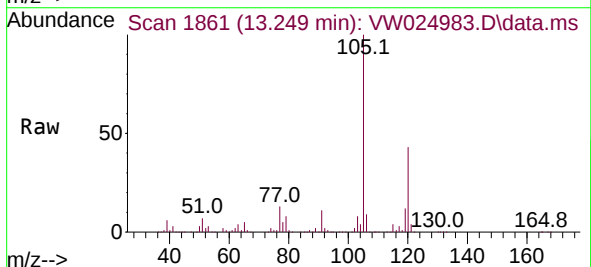
Acq: 26 Oct 2022 12:54

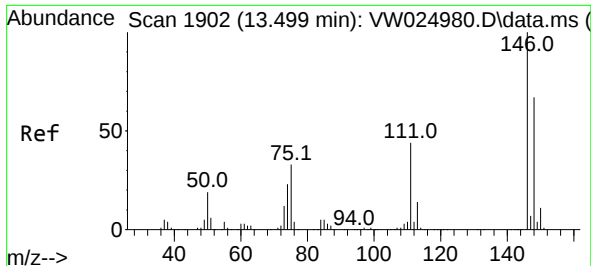
Tgt Ion:105 Resp: 464518

Ion Ratio Lower Upper

105 100

120 43.4 35.7 53.5

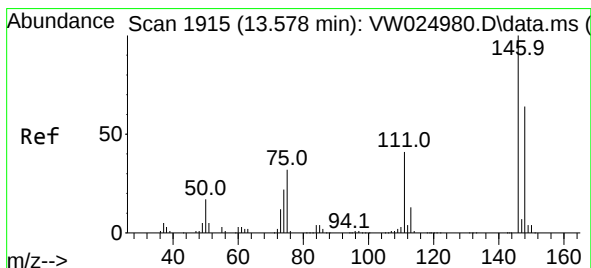
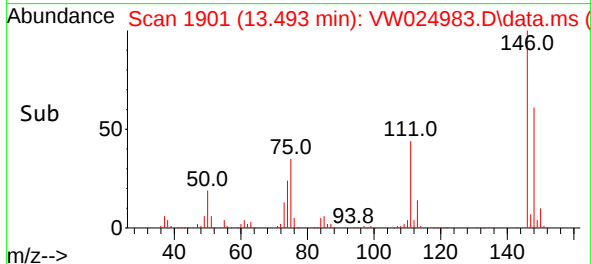
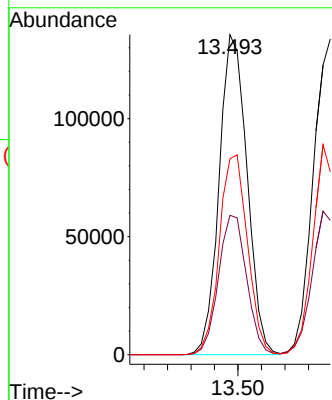
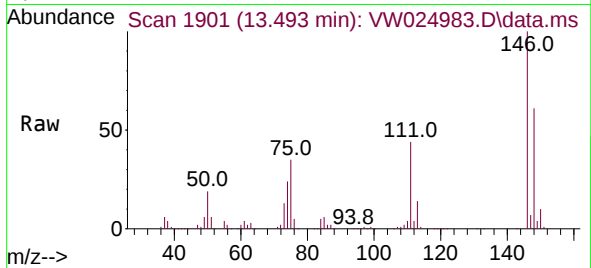




#64
1,3-Dichlorobenzene
Concen: 23.865 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

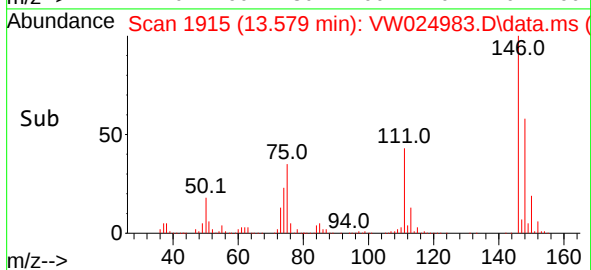
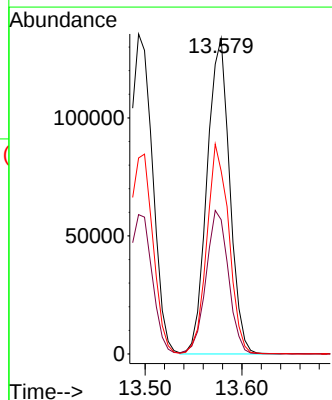
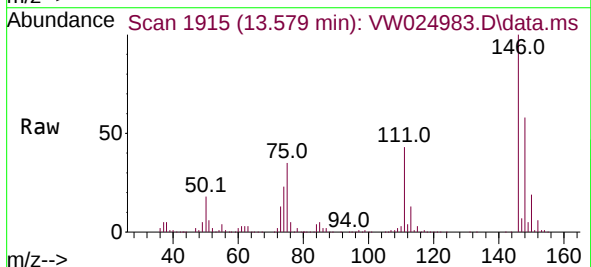
Instrument :
MSVOA_W
ClientSampleId :
VICV466

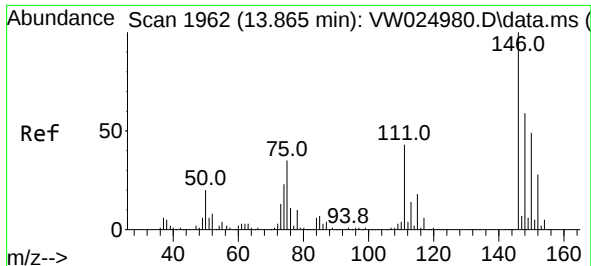
Tgt Ion:146 Resp: 223754
Ion Ratio Lower Upper
146 100
111 43.5 31.1 57.7
148 61.2 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 23.224 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion:146 Resp: 217261
Ion Ratio Lower Upper
146 100
111 42.5 28.8 53.6
148 57.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 23.797 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

VICV466

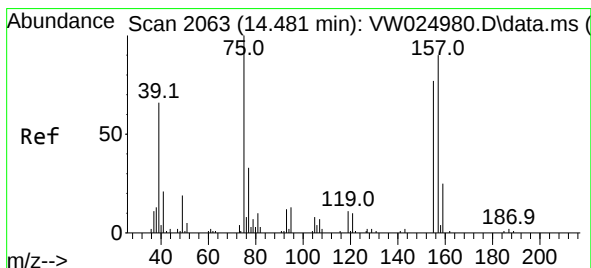
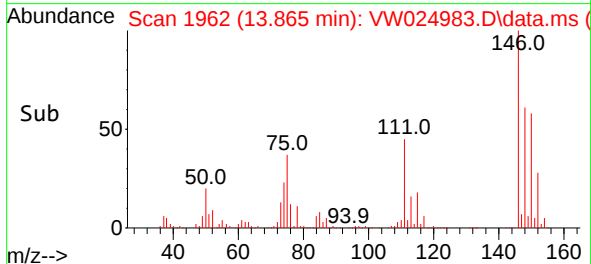
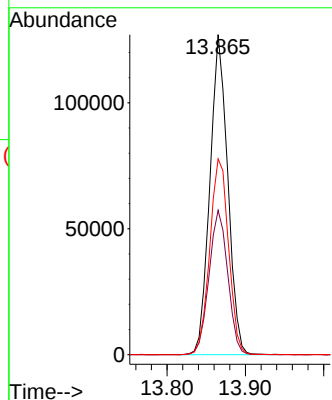
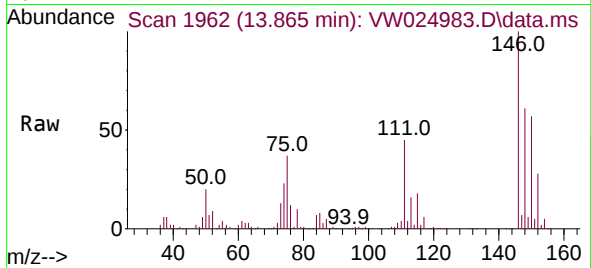
Tgt Ion:146 Resp: 200608

Ion Ratio Lower Upper

146 100

111 45.1 34.2 51.4

148 61.2 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 24.477 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

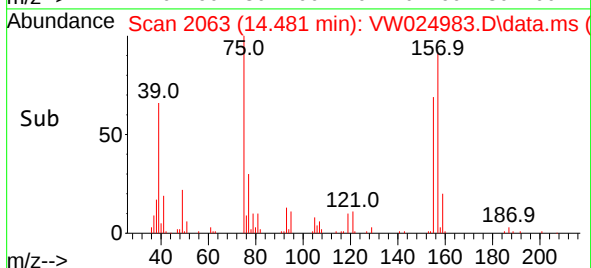
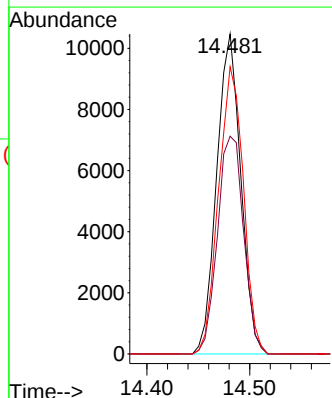
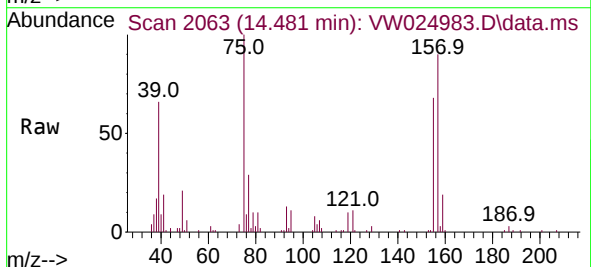
Tgt Ion: 75 Resp: 16992

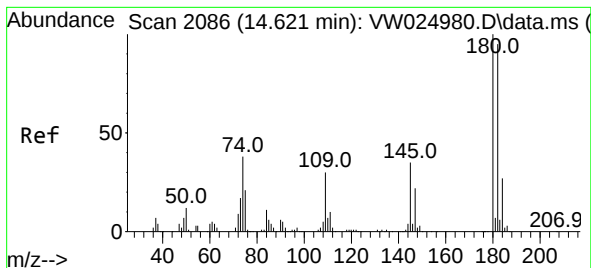
Ion Ratio Lower Upper

75 100

155 68.1 61.2 91.8

157 89.8 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 24.171 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

Instrument :

MSVOA_W

ClientSampleId :

VICV466

Tgt Ion:180 Resp: 150102

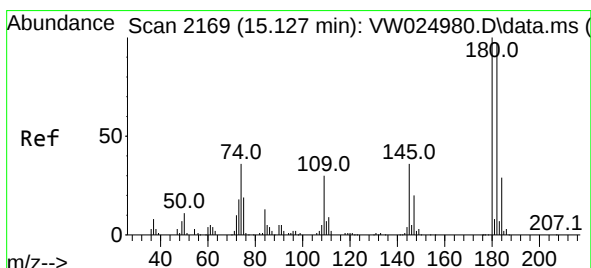
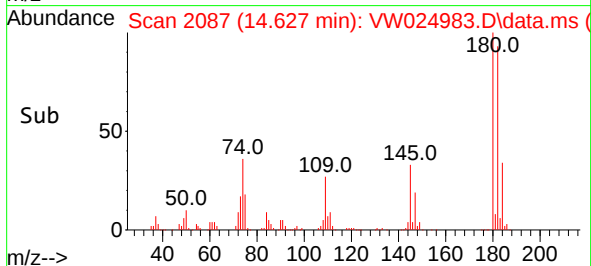
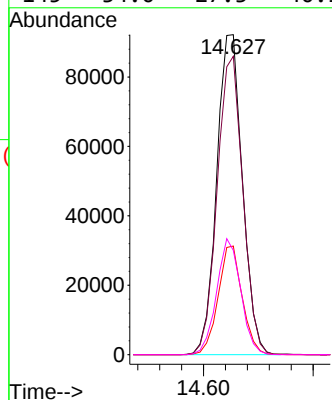
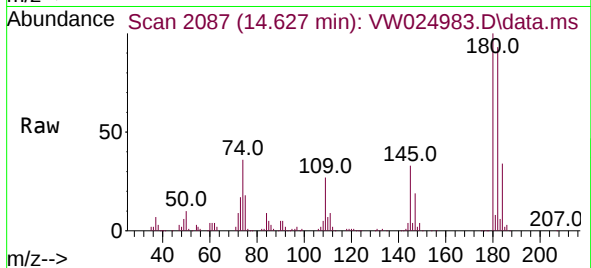
Ion Ratio Lower Upper

180 100

182 93.0 75.7 113.5

184 31.9 23.4 35.2

145 34.0 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 25.117 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024983.D

Acq: 26 Oct 2022 12:54

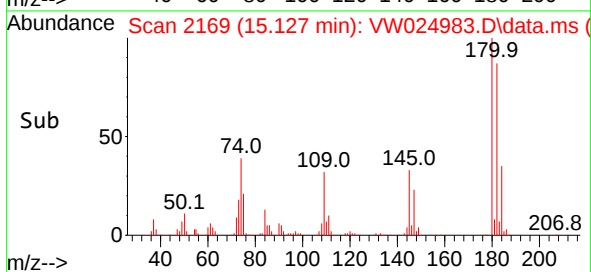
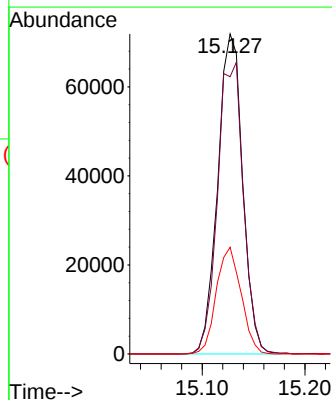
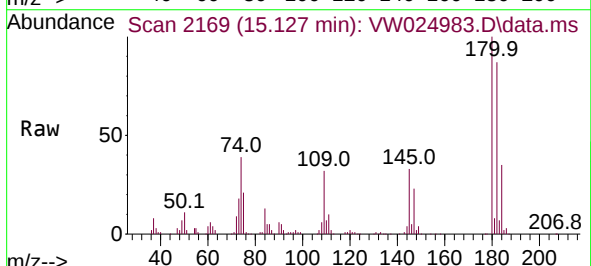
Tgt Ion:180 Resp: 121229

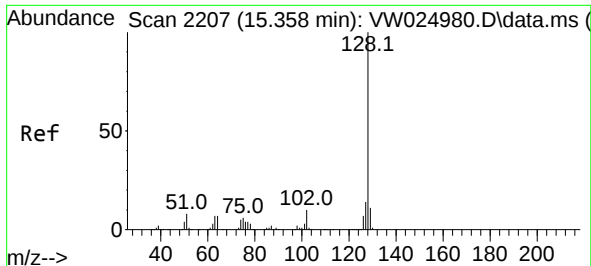
Ion Ratio Lower Upper

180 100

182 94.5 74.9 112.3

145 33.1 27.0 40.4

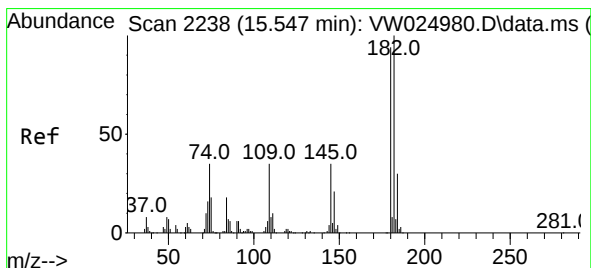
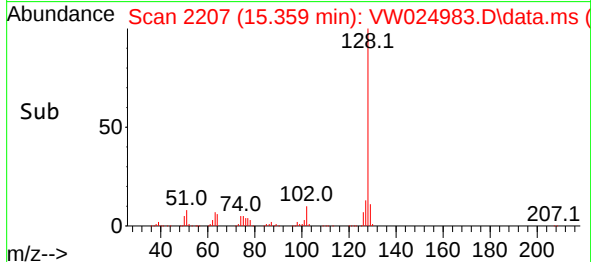
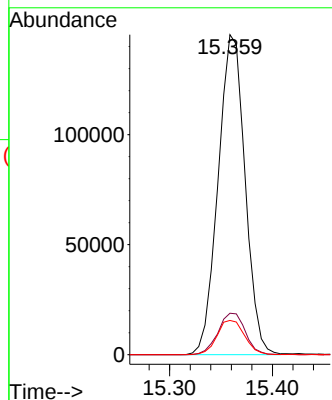
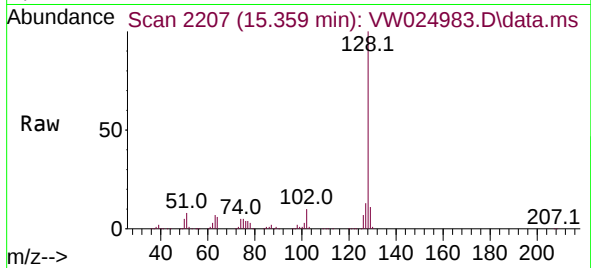




#71
Naphthalene
Concen: 26.011 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Instrument :
MSVOA_W
ClientSampleId :
VICV466

Tgt Ion:128 Resp: 264841
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.397 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024983.D
Acq: 26 Oct 2022 12:54

Tgt Ion:180 Resp: 106808
Ion Ratio Lower Upper
180 100
182 94.9 74.1 111.1
145 36.2 28.2 42.2

