

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
 Data File : VW024837.D
 Acq On : 11 Oct 2022 04:37
 Operator : SY/VA
 Sample : N5064-13
 Misc : 6.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB440

Quant Time: Oct 11 06:38:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	465186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	431529	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	215154	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	128624	26.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.720%	
7) Chloroethane-d5	2.885	69	71140	25.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.600%	
11) 1,1-Dichloroethene-d2	4.025	63	268188	23.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 95.240%	
21) 2-Butanone-d5	7.080	46	88828	50.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.520%	
24) Chloroform-d	7.647	84	324039	26.056	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.240%	
26) 1,2-Dichloroethane-d4	8.305	65	168982	26.194	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.760%	
32) Benzene-d6	8.275	84	663557	24.058	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.240%	
36) 1,2-Dichloropropane-d6	9.274	67	203643	24.165	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 96.640%	
41) Toluene-d8	10.323	98	595990	24.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.720%	
43) trans-1,3-Dichloroprop...	10.579	79	78607	20.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 83.800%	
47) 2-Hexanone-d5	10.921	63	71700	49.727	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.460%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	158109	26.331	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 105.320%	
66) 1,2-Dichlorobenzene-d4	13.853	152	182565	24.114	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	42115	14.746	ug/L	99
3) Chloromethane	2.221	50	107543	19.336	ug/L	97
5) Vinyl chloride	2.361	62	152719	26.706	ug/L	95
6) Bromomethane	2.782	94	72461	27.456	ug/L	93
8) Chloroethane	2.922	64	59320	24.606	ug/L	100
9) Trichlorofluoromethane	3.251	101	65008	20.320	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	151106	24.765	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	148432	24.391	ug/L	97
13) Acetone	4.123	43	56346	44.135	ug/L	98
14) Carbon disulfide	4.385	76	441757	22.995	ug/L	100
15) Methyl Acetate	4.672	43	77049	27.255	ug/L	99
16) Methylene chloride	4.915	84	200266	21.921	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	165063	24.140	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	270177	24.921	ug/L	100
19) 1,1-Dichloroethane	6.220	63	320288	25.037	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	190224	25.928	ug/L	99
22) 2-Butanone	7.171	43	99560	48.755	ug/L	99
23) Bromochloromethane	7.513	128	79173	26.552	ug/L	97
25) Chloroform	7.677	83	321073	26.468	ug/L	95

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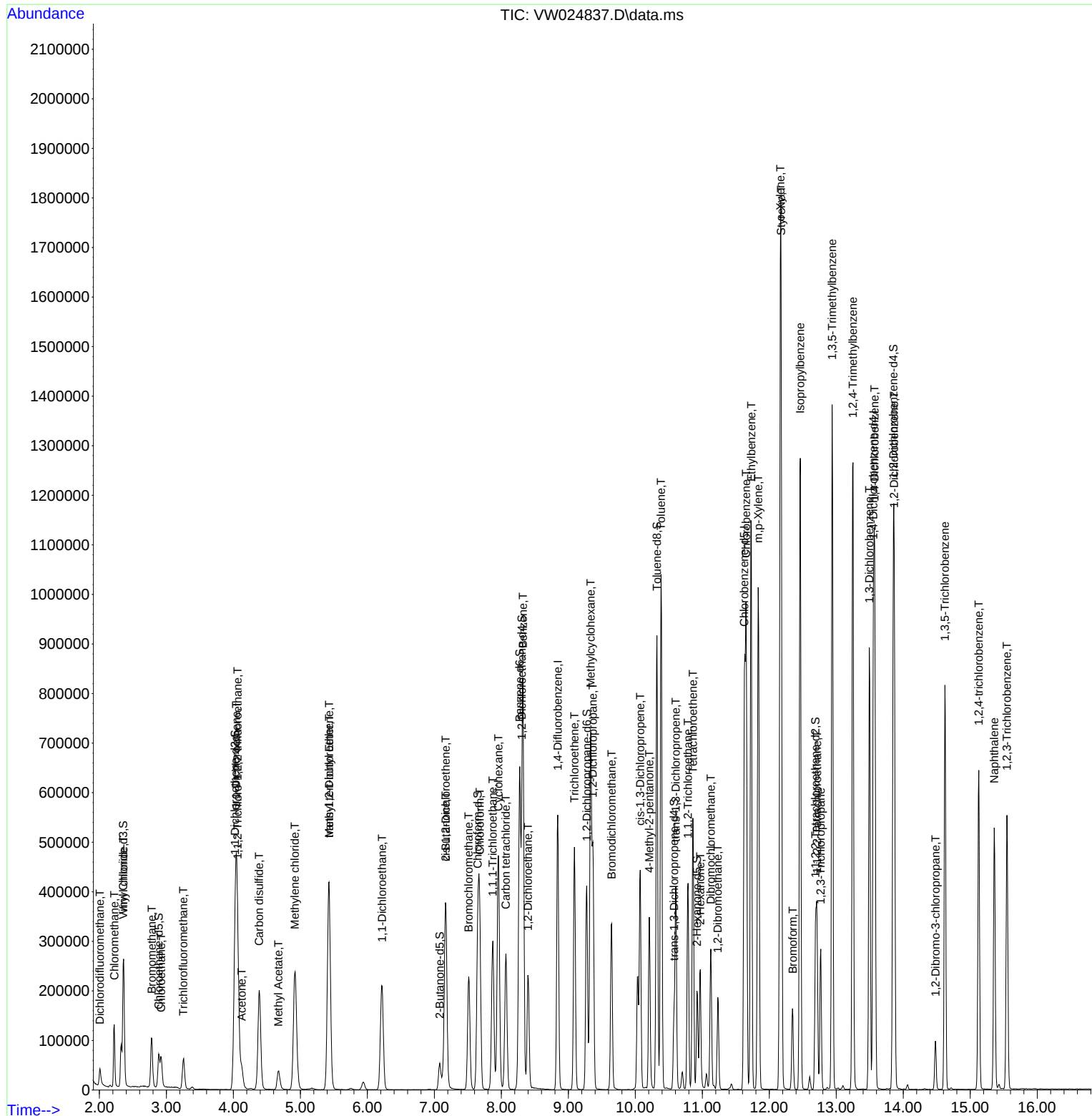
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	206847	27.099	ug/L	99
29) Cyclohexane	7.958	56	282013	20.982	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	242955	23.267	ug/L	98
31) Carbon tetrachloride	8.067	117	201919	22.835	ug/L	98
33) Benzene	8.323	78	723777	23.964	ug/L	100
34) Trichloroethene	9.092	95	178771	23.353	ug/L	98
35) Methylcyclohexane	9.335	83	296400	21.121	ug/L	99
37) 1,2-Dichloropropane	9.366	63	187846	25.193	ug/L	100
38) Bromodichloromethane	9.646	83	231060	25.192	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	268519	22.773	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	229005	51.887	ug/L	99
42) Toluene	10.384	91	741622	23.778	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	225519	22.308	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	134378	26.384	ug/L	97
46) Tetrachloroethene	10.860	164	114489	22.011	ug/L	89
48) 2-Hexanone	10.969	43	153631	51.478	ug/L	99
49) Dibromochloromethane	11.128	129	146766	25.591	ug/L	94
50) 1,2-Dibromoethane	11.231	107	124571	25.841	ug/L	99
51) Chlorobenzene	11.652	112	475822	24.916	ug/L	99
52) Ethylbenzene	11.731	91	843318	24.547	ug/L	98
53) m,p-Xylene	11.835	106	321977	24.001	ug/L	97
54) o-Xylene	12.164	106	313470	24.744	ug/L	91
55) Styrene	12.176	104	548344	25.676	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	163376	27.397	ug/L	99
59) Bromoform	12.353	173	75036	24.673	ug/L	100
60) Isopropylbenzene	12.463	105	838291	23.906	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	120842	26.074	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	725591	23.807	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	711567	23.832	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	340656	23.912	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	351500	25.345	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	327688	26.408	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	26193	23.899	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	226125	23.905	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	183742	23.122	ug/L	98
71) Naphthalene	15.359	128	445227	25.732	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	169002	24.989	ug/L	96

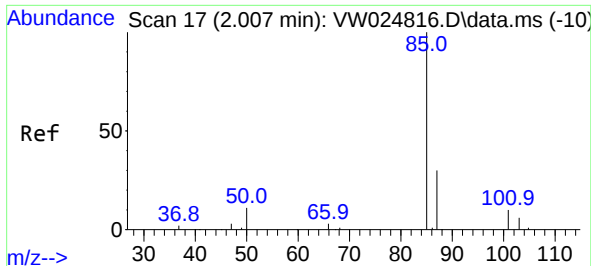
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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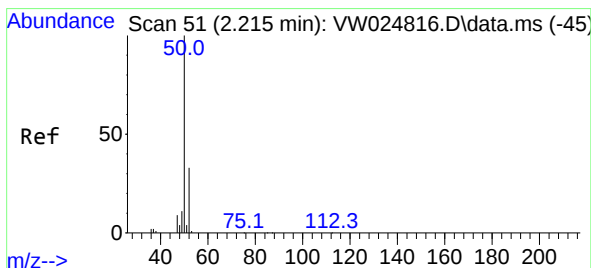
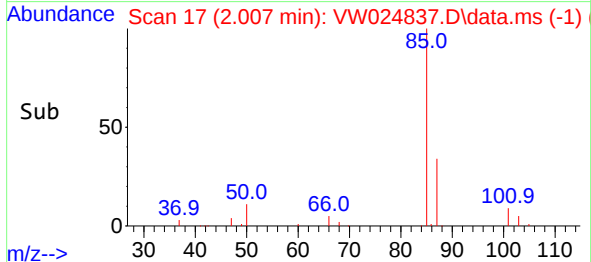
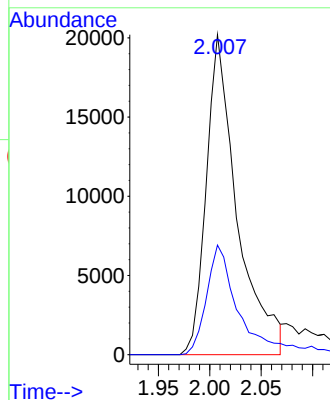
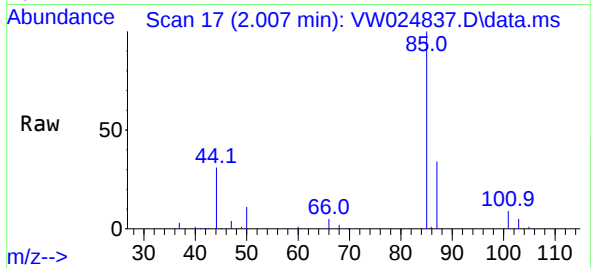




#2
 Dichlorodifluoromethane
 Concen: 14.746 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024837.D
 Acq: 11 Oct 2022 04:37

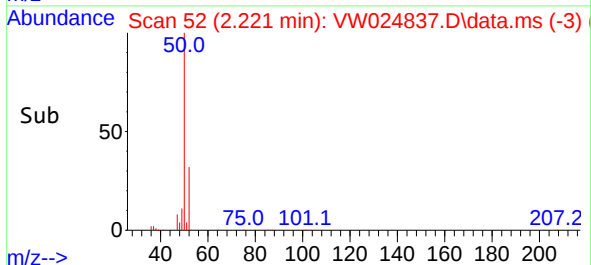
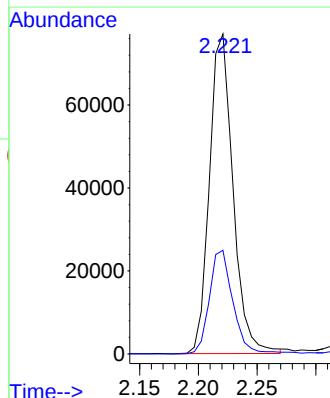
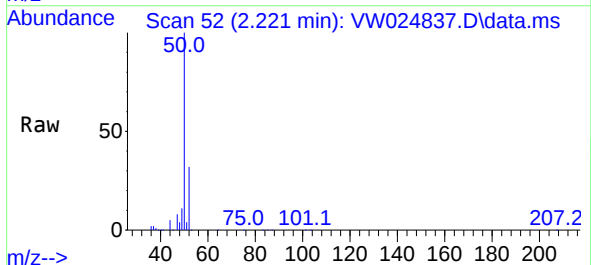
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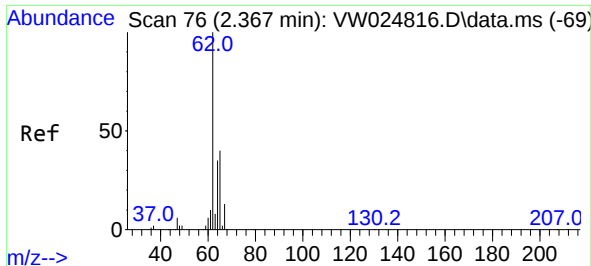
Tgt Ion: 85 Resp: 42115
 Ion Ratio Lower Upper
 85 100
 87 35.6 28.8 43.2



#3
 Chloromethane
 Concen: 19.336 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW024837.D
 Acq: 11 Oct 2022 04:37

Tgt Ion: 50 Resp: 107543
 Ion Ratio Lower Upper
 50 100
 52 32.4 21.7 40.3

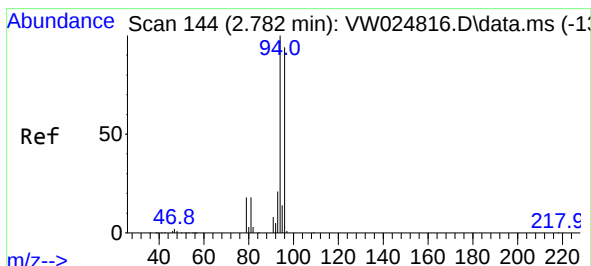
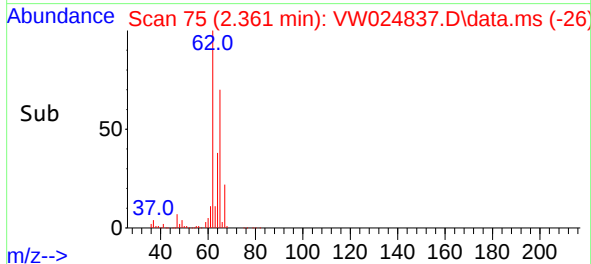
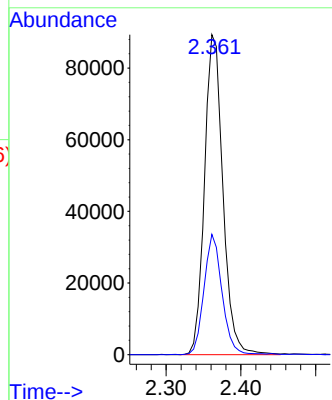
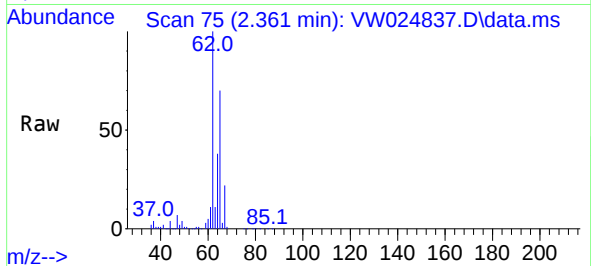




#5
 Vinyl chloride
 Concen: 26.706 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW024837.D
 Acq: 11 Oct 2022 04:37

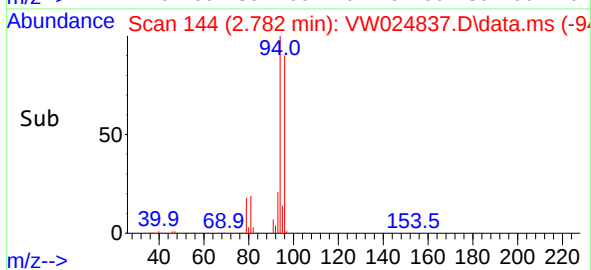
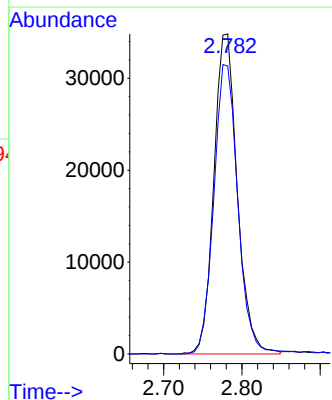
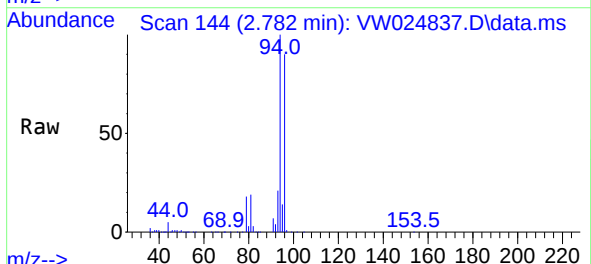
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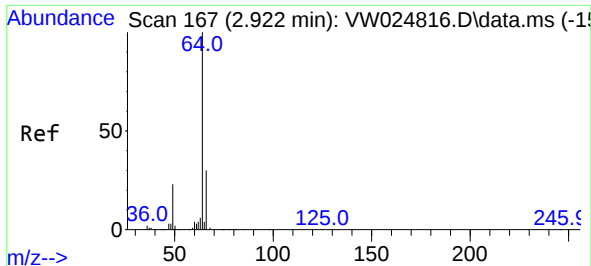
Tgt Ion: 62 Resp: 152719
 Ion Ratio Lower Upper
 62 100
 64 37.6 24.4 45.2



#6
 Bromomethane
 Concen: 27.456 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024837.D
 Acq: 11 Oct 2022 04:37

Tgt Ion: 94 Resp: 72461
 Ion Ratio Lower Upper
 94 100
 96 89.9 68.0 126.2

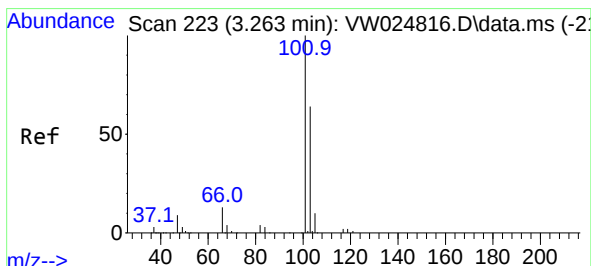
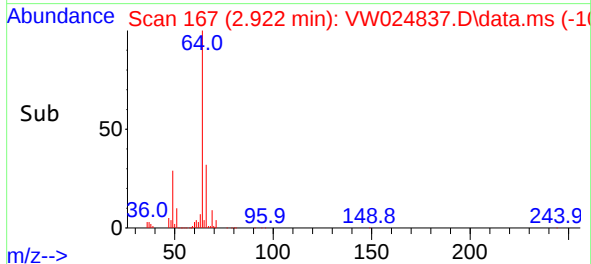
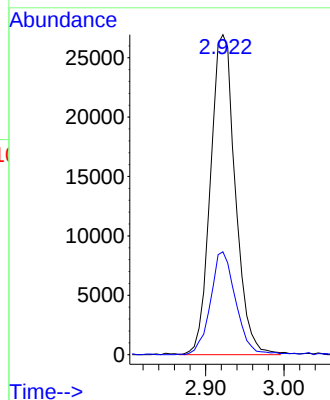
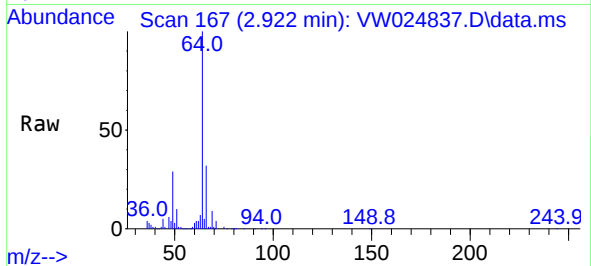




#8
Chloroethane
Concen: 24.606 ug/L
RT: 2.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

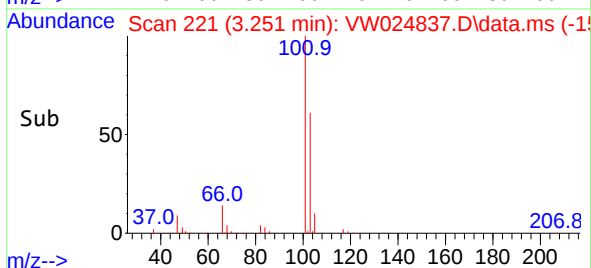
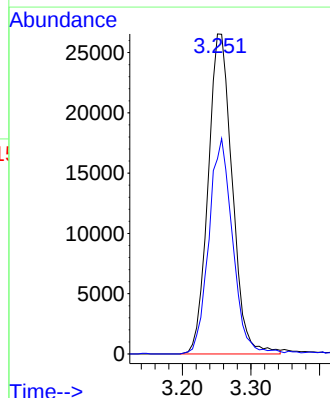
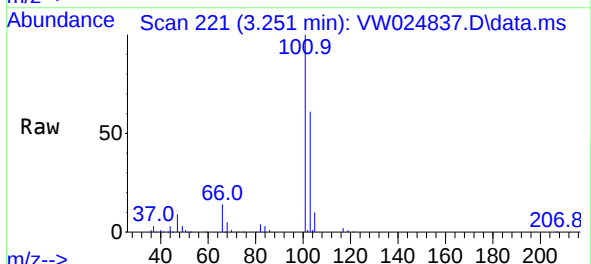
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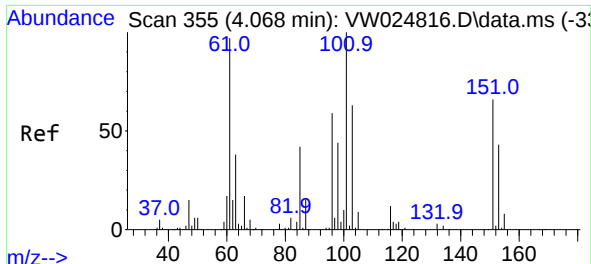
Tgt Ion: 64 Resp: 59320
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 20.320 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 101 Resp: 65008
Ion Ratio Lower Upper
101 100
103 65.8 53.4 80.2

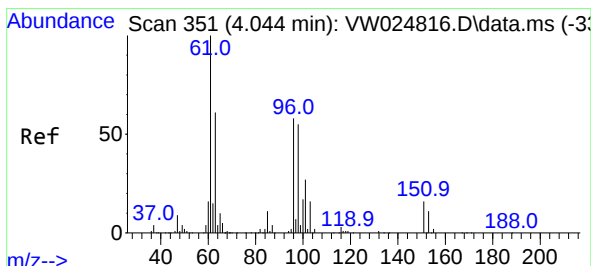
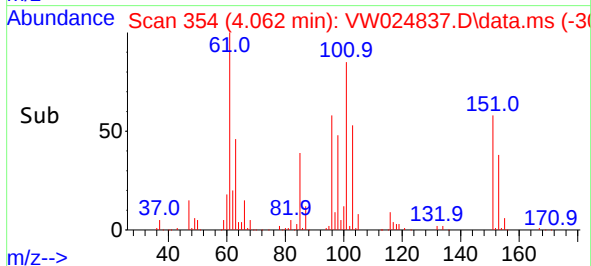
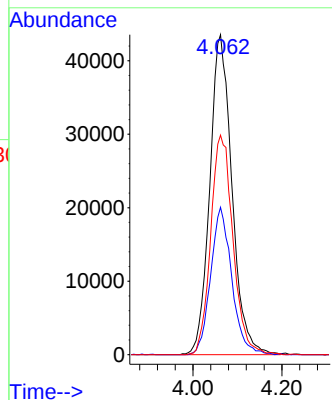
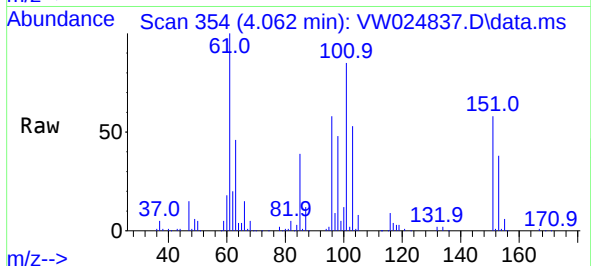




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.765 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW024837.D
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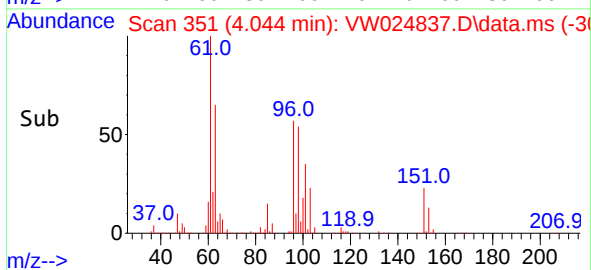
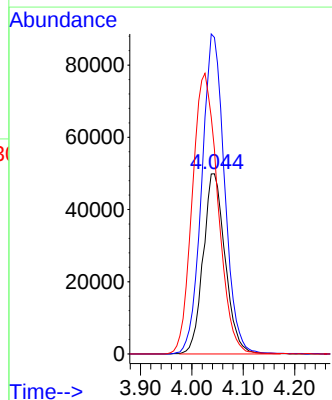
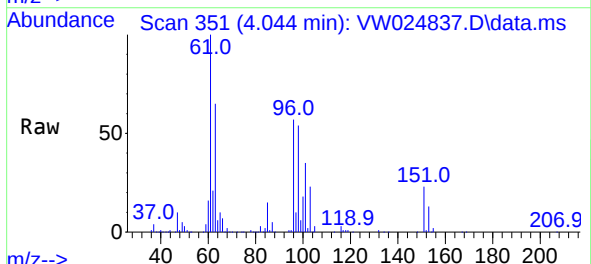
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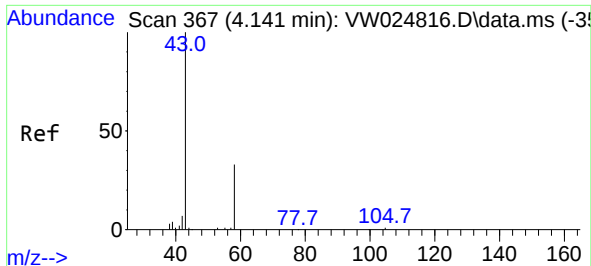
Tgt Ion:101 Resp: 151106
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 68.7 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 24.391 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024837.D
 Acq: 11 Oct 2022 04:37

Tgt Ion: 96 Resp: 148432
 Ion Ratio Lower Upper
 96 100
 61 175.6 124.5 231.1
 63 113.5 84.1 156.1

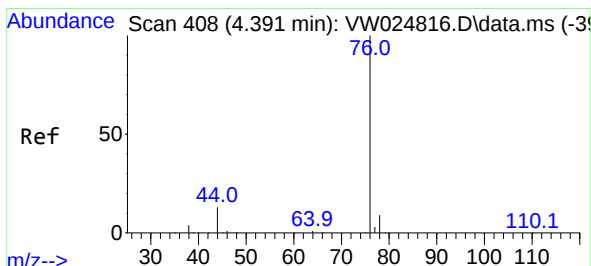
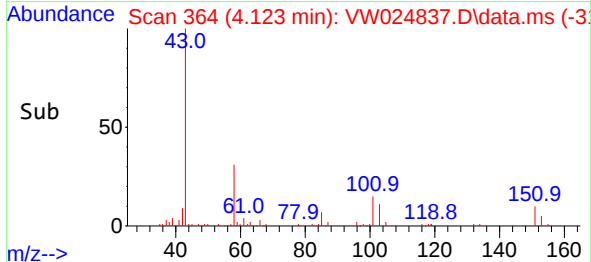
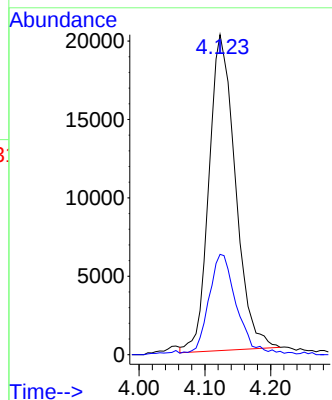
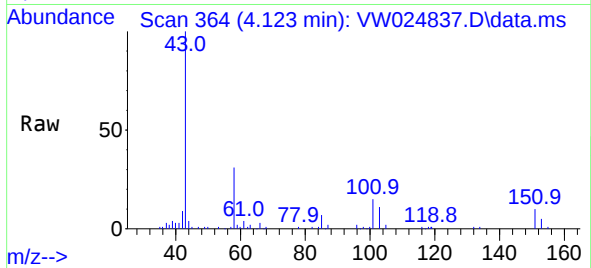




#13
Acetone
Concen: 44.135 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.000 min
Lab File: VW024837.D
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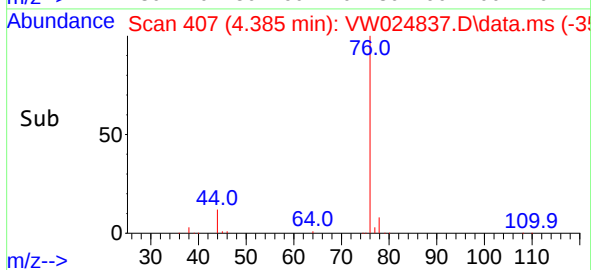
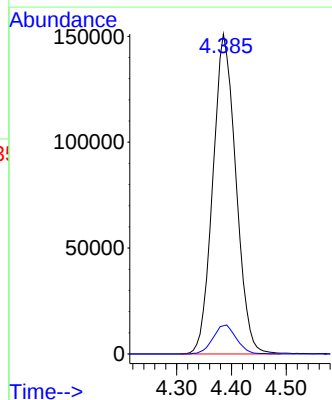
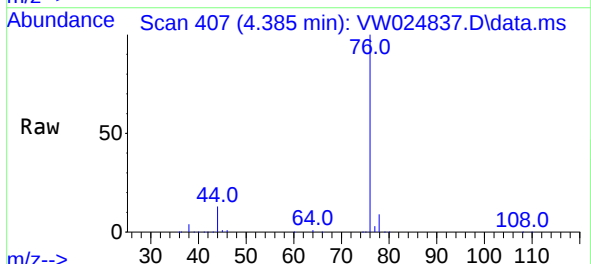
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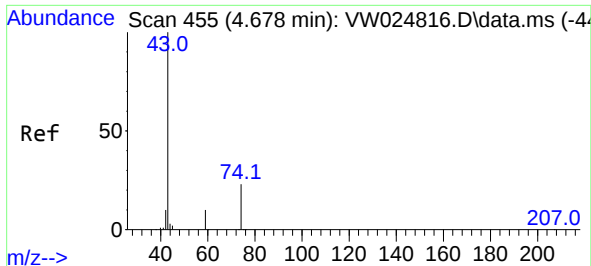
Tgt Ion: 43 Resp: 56346
Ion Ratio Lower Upper
43 100
58 32.4 0.0 67.6



#14
Carbon disulfide
Concen: 22.995 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 441757
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

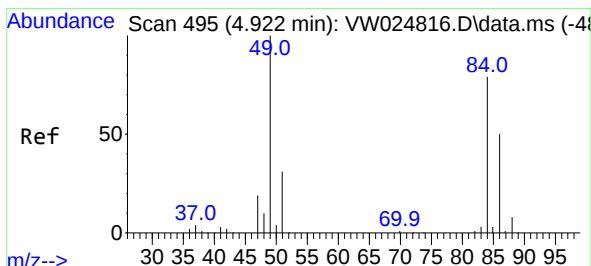
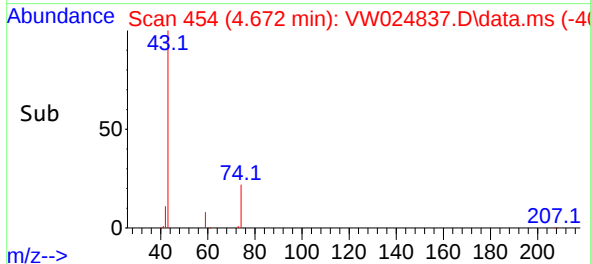
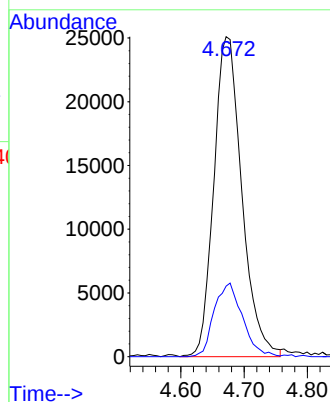
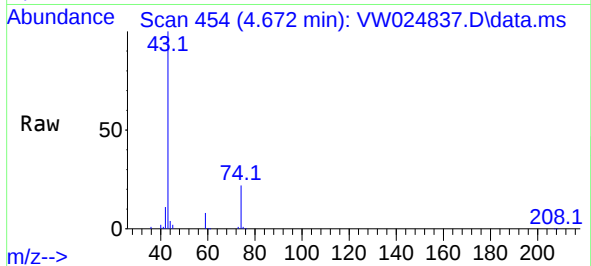




#15
Methyl Acetate
Concen: 27.255 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

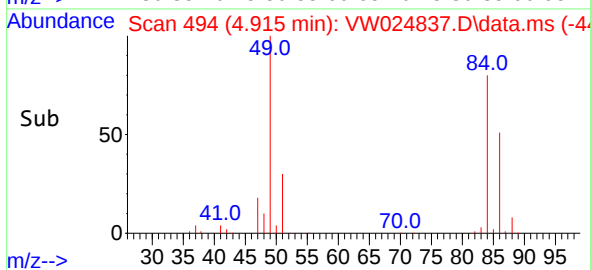
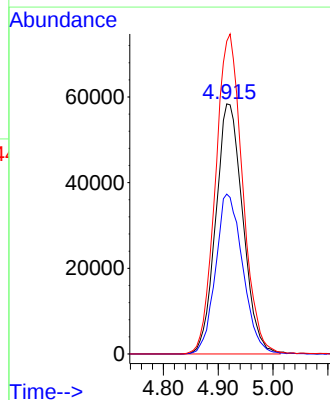
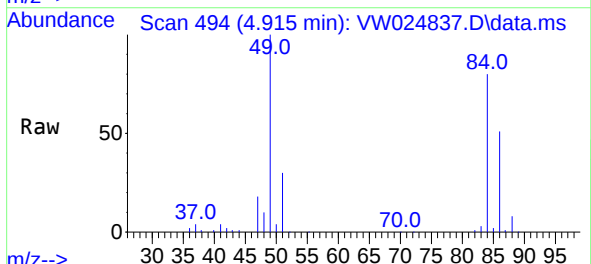
Instrument :
MSVOA_W
ClientSampleId :
BFB440

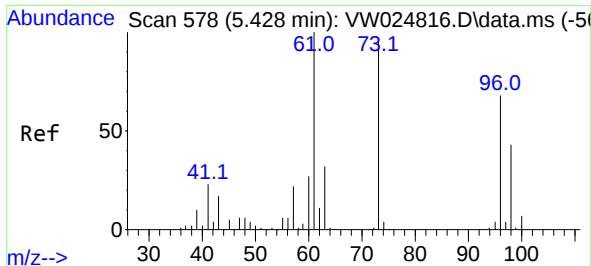
Tgt Ion: 43 Resp: 77049
Ion Ratio Lower Upper
43 100
74 23.0 18.1 27.1



#16
Methylene chloride
Concen: 21.921 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 84 Resp: 200266
Ion Ratio Lower Upper
84 100
86 63.9 44.0 81.8
49 125.1 87.4 162.2

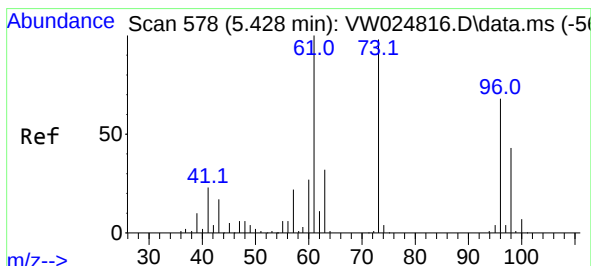
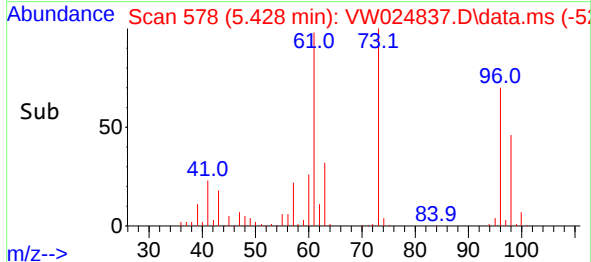
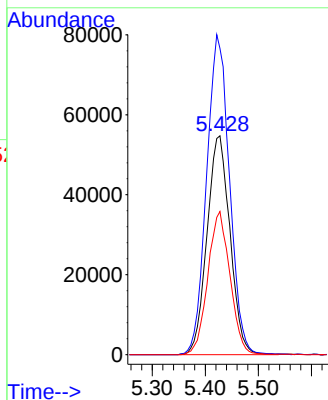
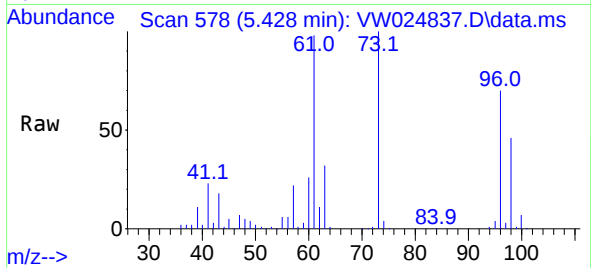




#17
trans-1,2-Dichloroethene
Concen: 24.140 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

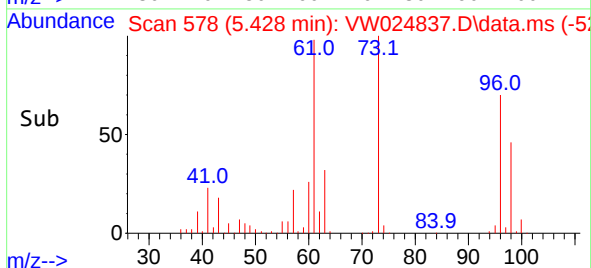
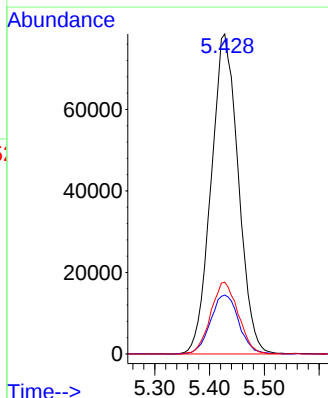
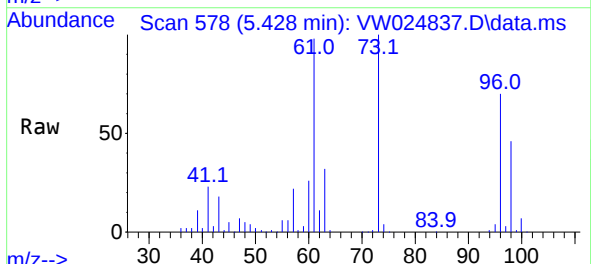
Instrument :
MSVOA_W
ClientSampleId :
BFB440

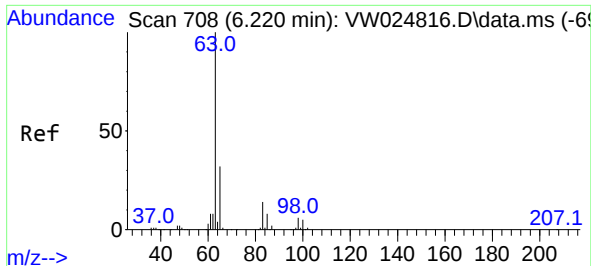
Tgt Ion: 96 Resp: 165063
Ion Ratio Lower Upper
96 100
61 139.8 106.3 197.5
98 65.4 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 24.921 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 73 Resp: 270177
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4
57 22.7 18.3 27.5





#19

1,1-Dichloroethane

Concen: 25.037 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW024837.D

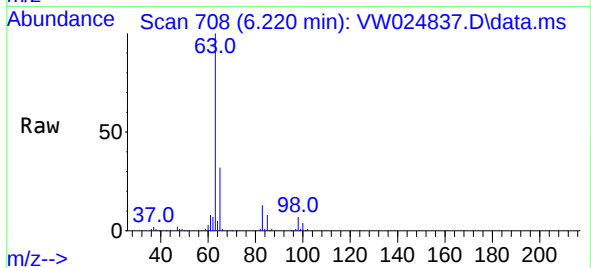
Acq: 11 Oct 2022 04:37

Instrument :

MSVOA_W

ClientSampleId :

BFB440



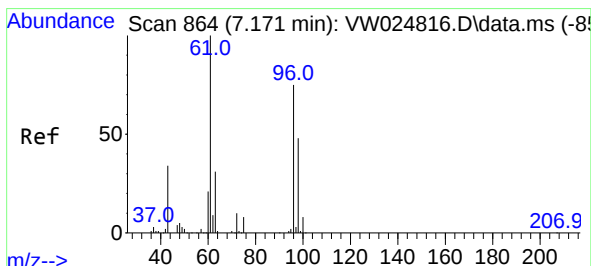
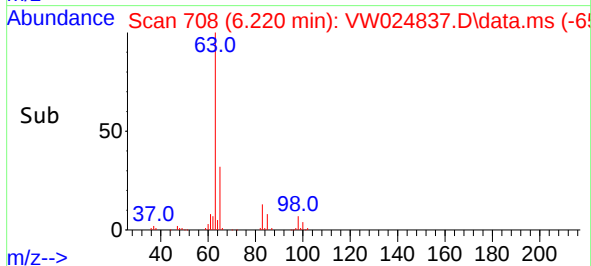
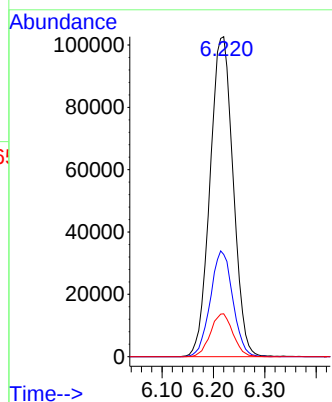
Tgt Ion: 63 Resp: 320288

Ion Ratio Lower Upper

63 100

65 31.9 23.7 43.9

83 13.4 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 25.928 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

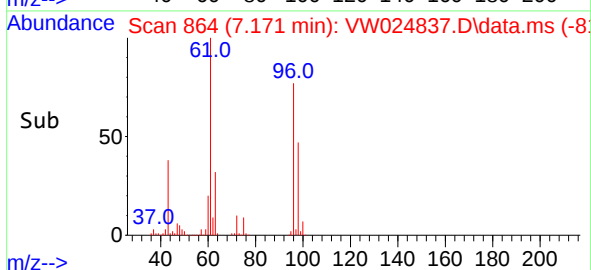
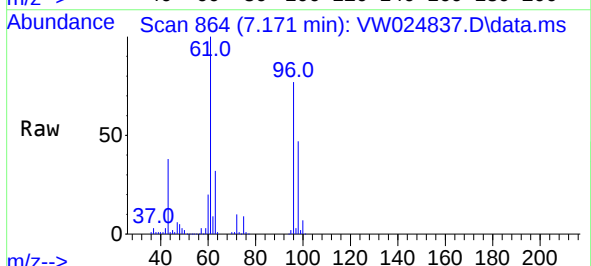
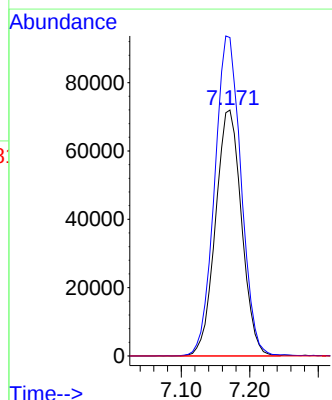
Tgt Ion: 96 Resp: 190224

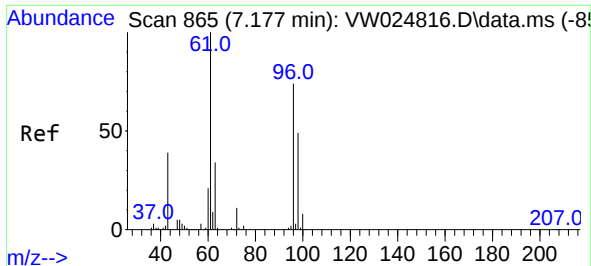
Ion Ratio Lower Upper

96 100

61 129.4 90.2 167.4

68 0.0 0.0 0.0

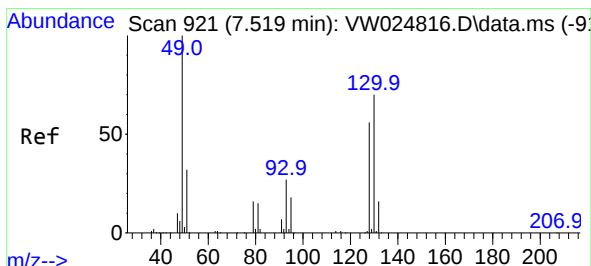
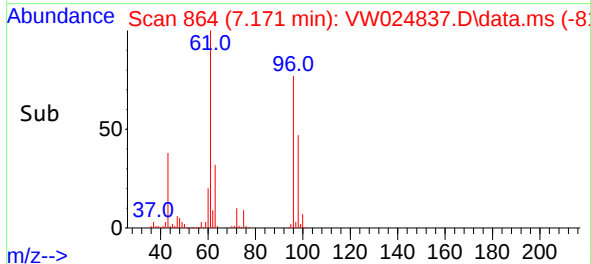
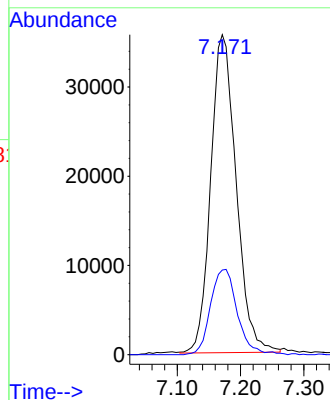
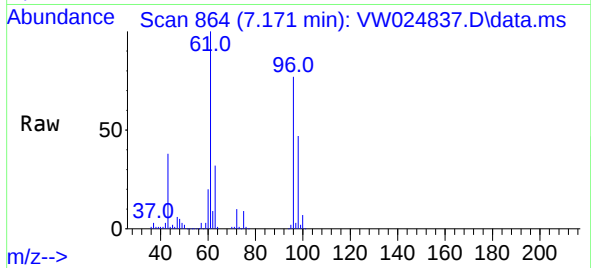




#22
2-Butanone
Concen: 48.755 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

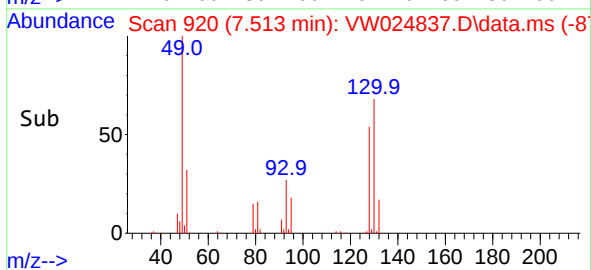
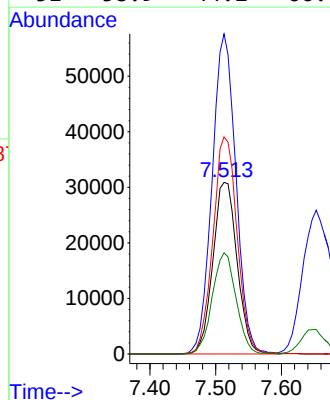
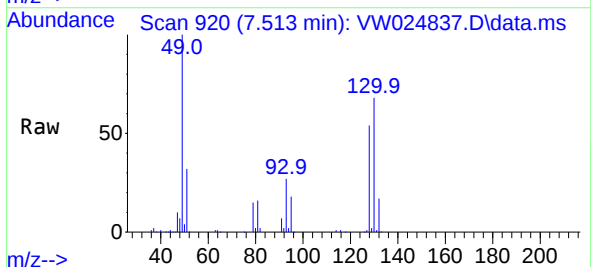
Instrument :
MSVOA_W
ClientSampleId :
BFB440

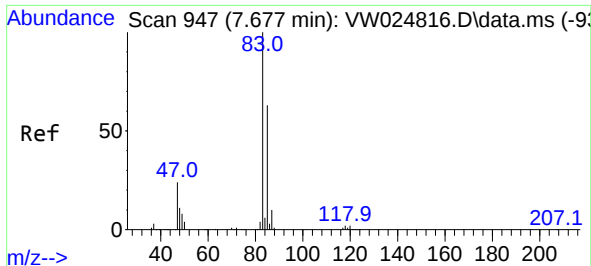
Tgt Ion: 43 Resp: 99560
Ion Ratio Lower Upper
43 100
72 27.8 13.8 41.3



#23
Bromochloromethane
Concen: 26.552 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 128 Resp: 79173
Ion Ratio Lower Upper
128 100
49 186.5 127.3 236.3
130 126.5 90.2 167.4
51 58.9 44.2 66.4

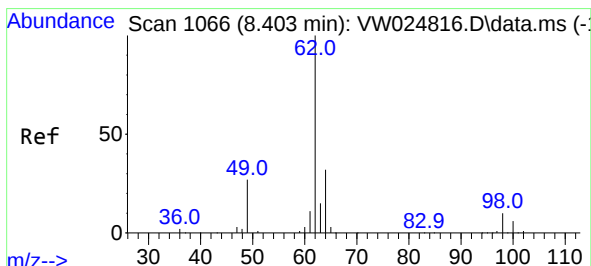
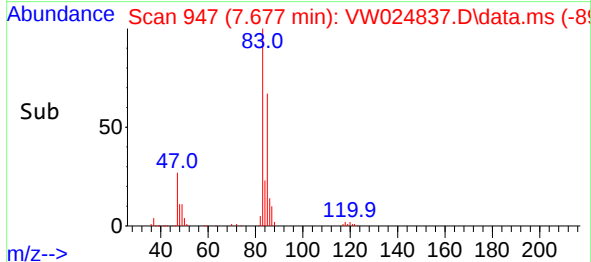
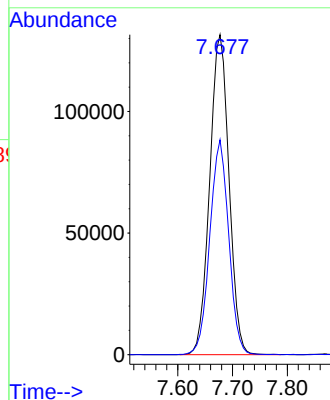
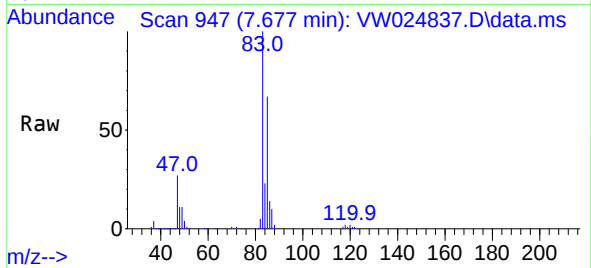




#25
Chloroform
Concen: 26.468 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

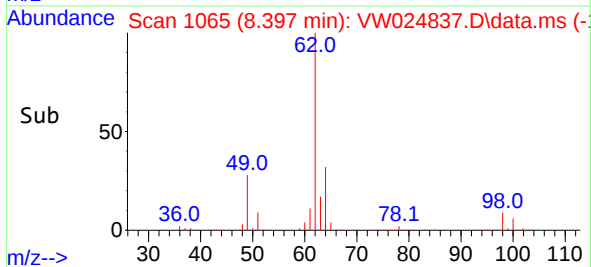
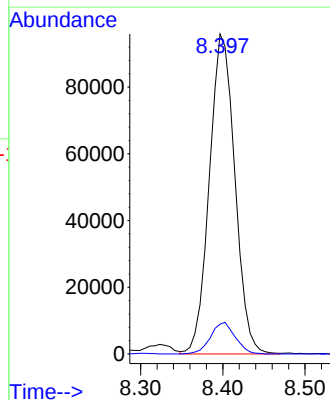
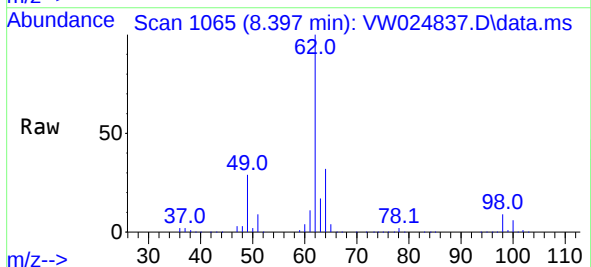
Instrument :
MSVOA_W
ClientSampleId :
BFB440

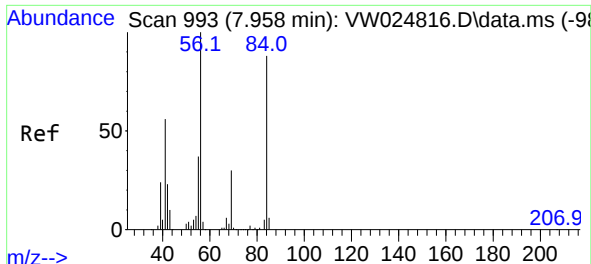
Tgt Ion: 83 Resp: 321073
Ion Ratio Lower Upper
83 100
85 67.1 44.0 81.8



#27
1,2-Dichloroethane
Concen: 27.099 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 62 Resp: 206847
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.8





#29

Cyclohexane

Concen: 20.982 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

Instrument :

MSVOA_W

ClientSampleId :

BFB440

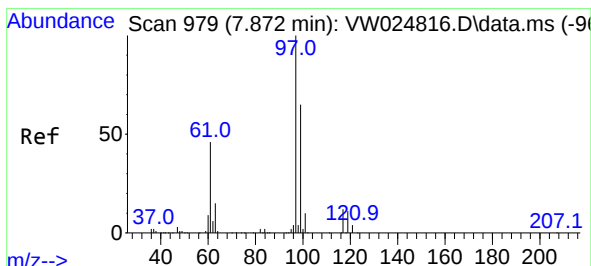
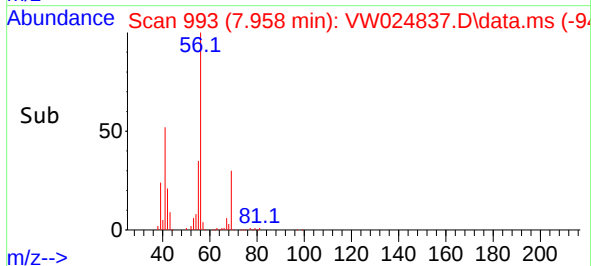
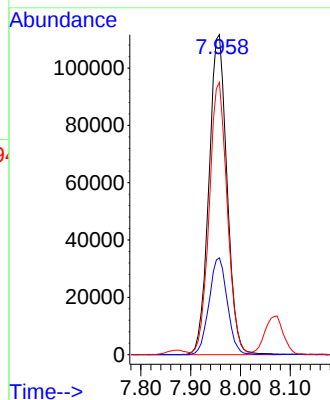
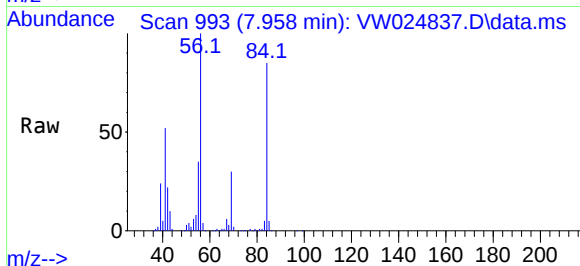
Tgt Ion: 56 Resp: 282013

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

84 84.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 23.267 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

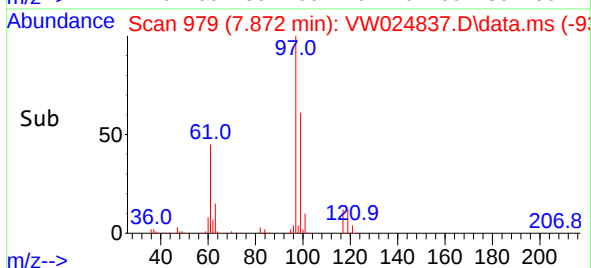
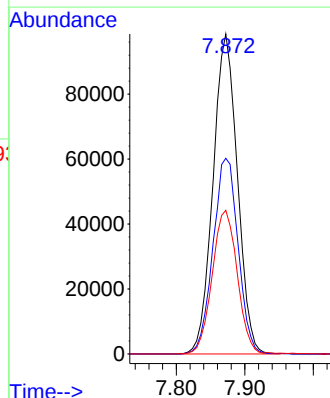
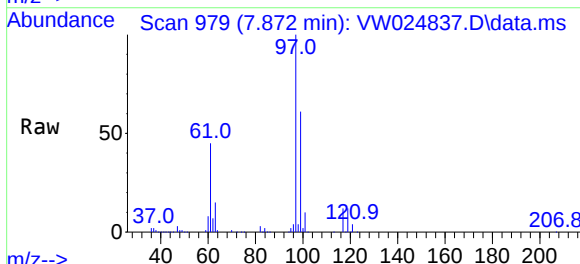
Tgt Ion: 97 Resp: 242955

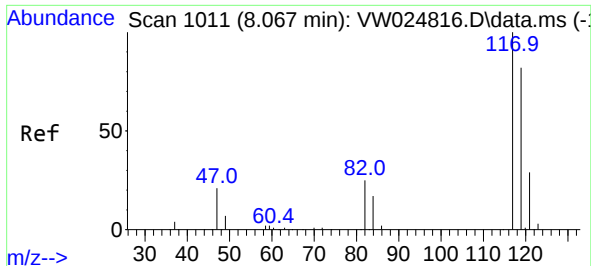
Ion Ratio Lower Upper

97 100

99 62.9 51.1 76.7

61 46.1 35.8 53.6

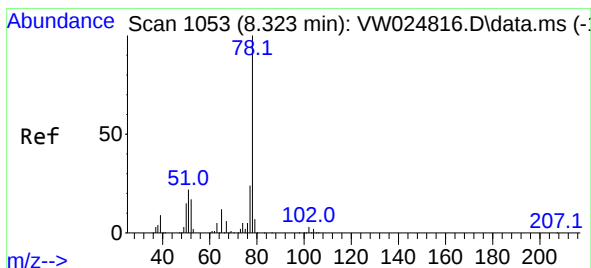
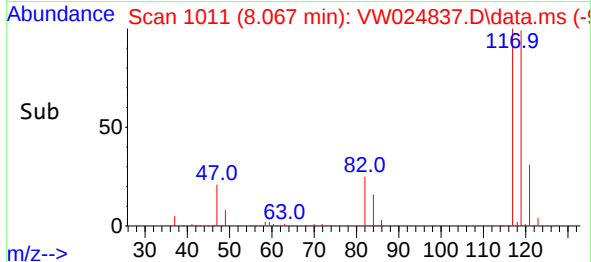
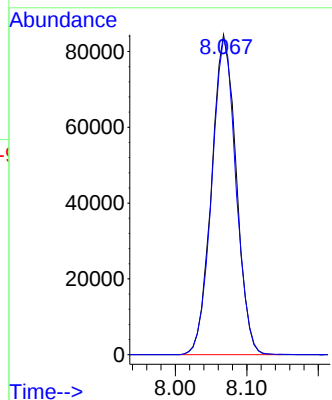
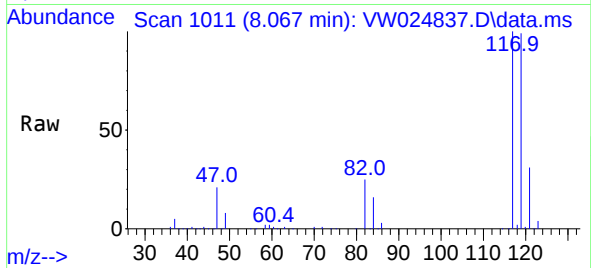




#31
Carbon tetrachloride
Concen: 22.835 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

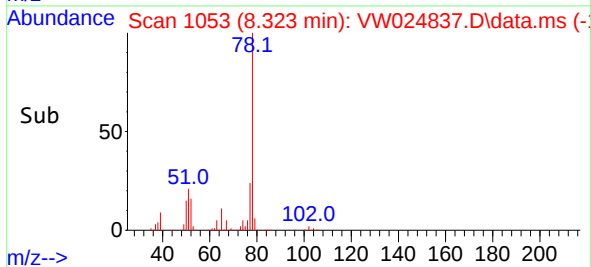
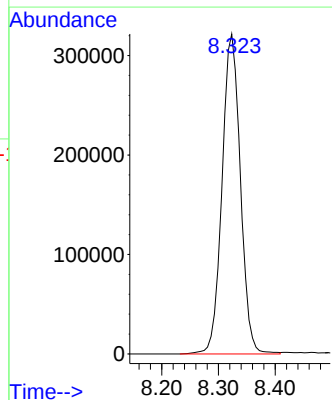
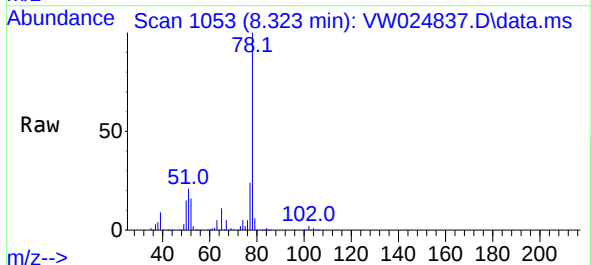
Instrument :
MSVOA_W
ClientSampleId :
BFB440

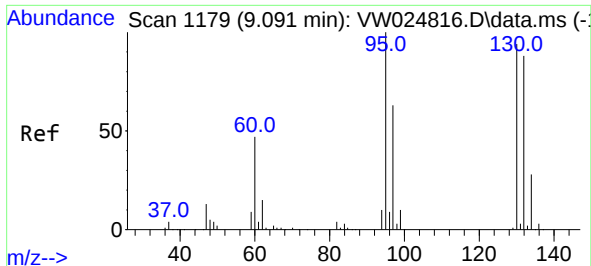
Tgt Ion:117 Resp: 201919
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2



#33
Benzene
Concen: 23.964 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 78 Resp: 723777

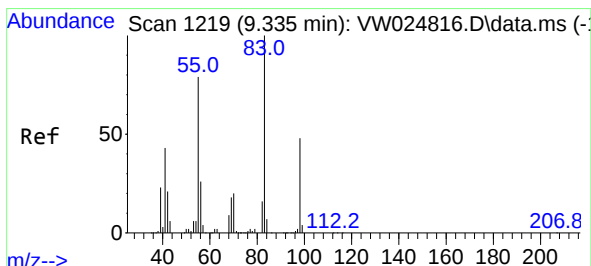
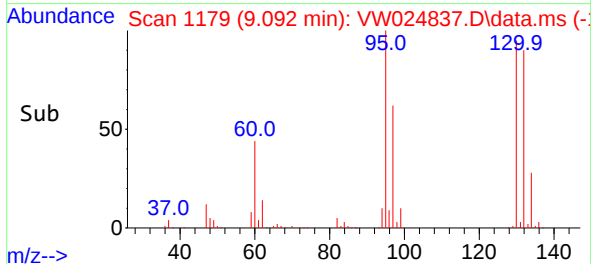
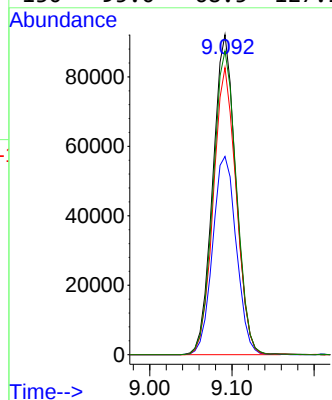
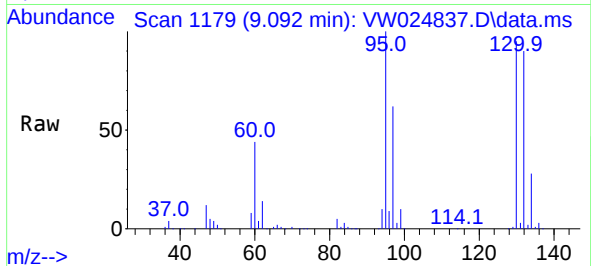




#34
Trichloroethene
Concen: 23.353 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

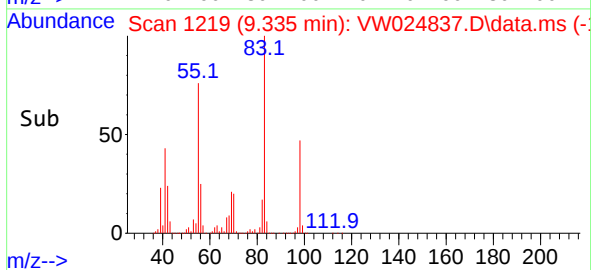
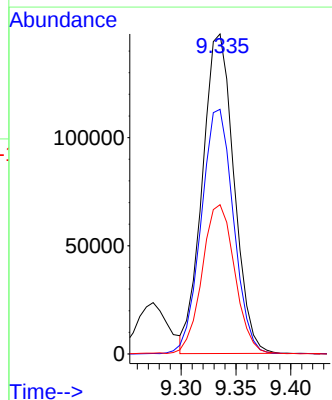
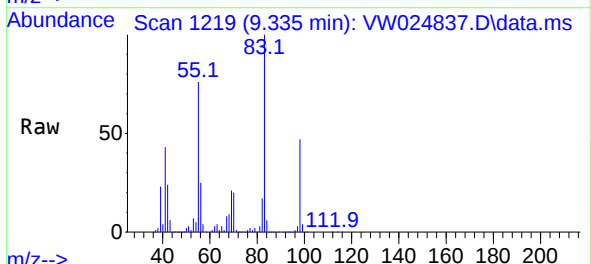
Instrument :
MSVOA_W
ClientSampleId :
BFB440

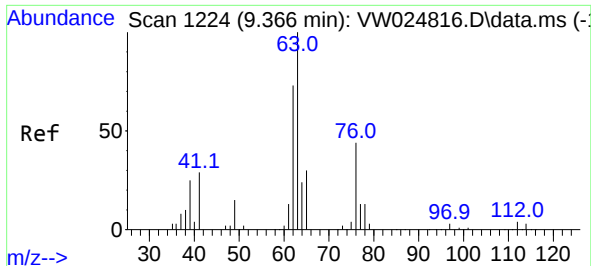
Tgt Ion: 95 Resp: 178771
Ion Ratio Lower Upper
95 100
97 61.9 43.5 80.9
132 89.7 61.2 113.8
130 95.0 68.5 127.1



#35
Methylcyclohexane
Concen: 21.121 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 83 Resp: 296400
Ion Ratio Lower Upper
83 100
55 78.6 63.1 94.7
98 48.4 38.3 57.5

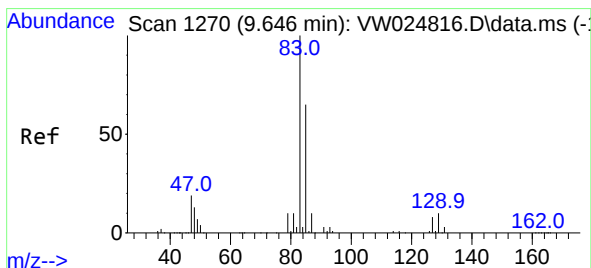
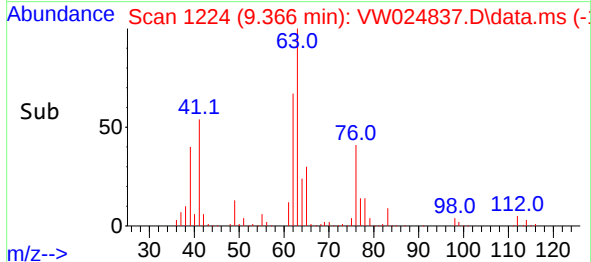
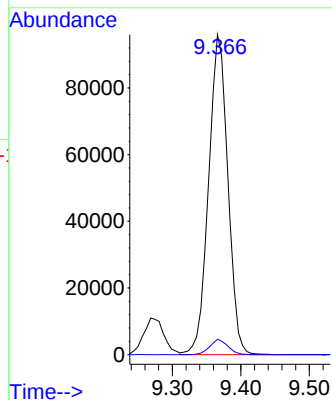
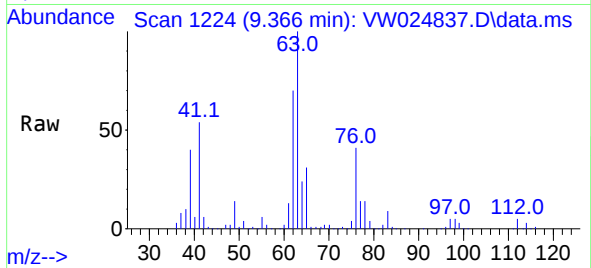




#37
1,2-Dichloropropane
Concen: 25.193 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

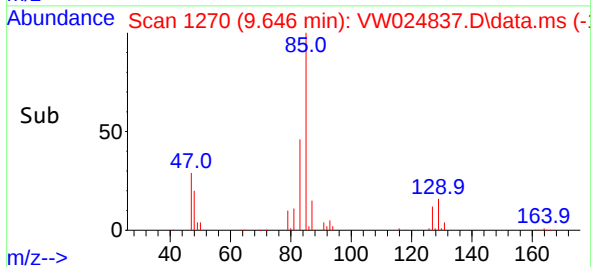
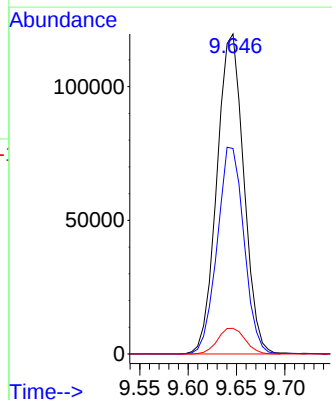
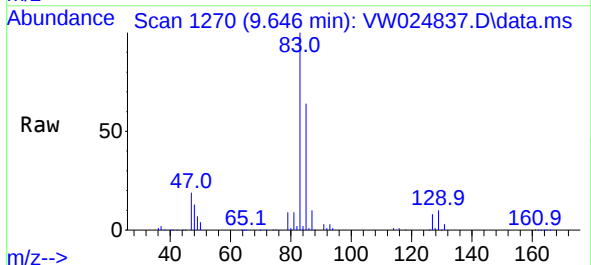
Instrument :
MSVOA_W
ClientSampleId :
BFB440

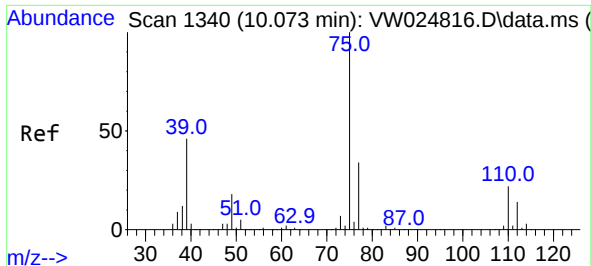
Tgt Ion: 63 Resp: 187846
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 25.192 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 83 Resp: 231060
Ion Ratio Lower Upper
83 100
85 64.2 45.6 84.8
127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.773 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

Instrument :

MSVOA_W

ClientSampleId :

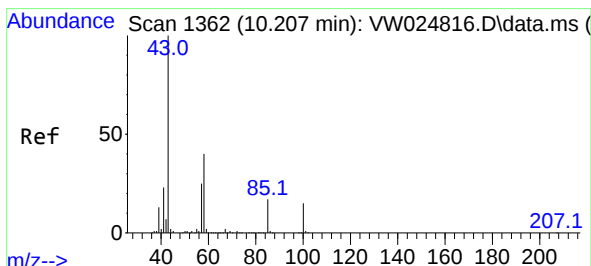
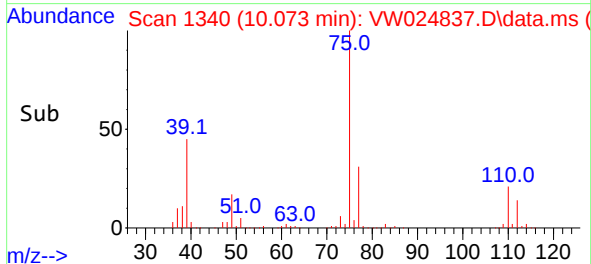
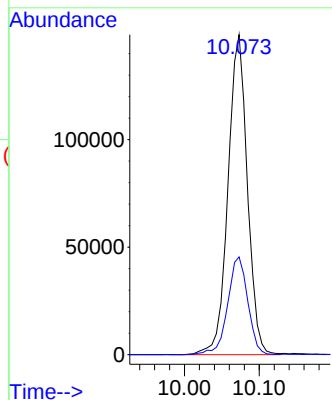
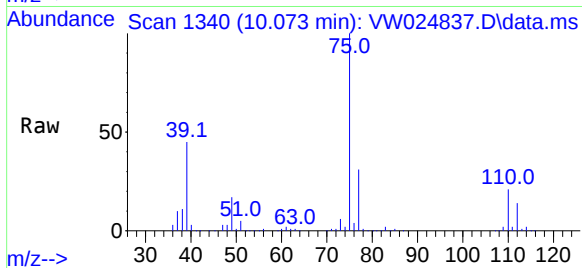
BFB440

Tgt Ion: 75 Resp: 268519

Ion Ratio Lower Upper

75 100

77 30.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 51.887 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

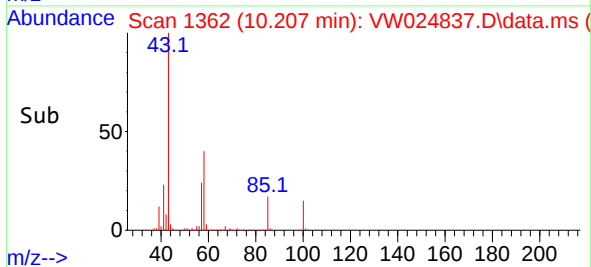
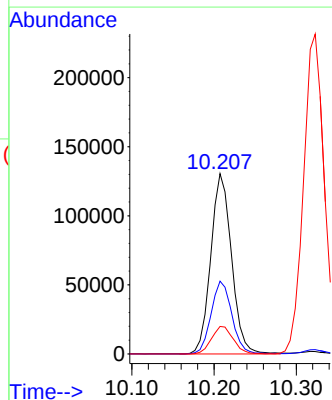
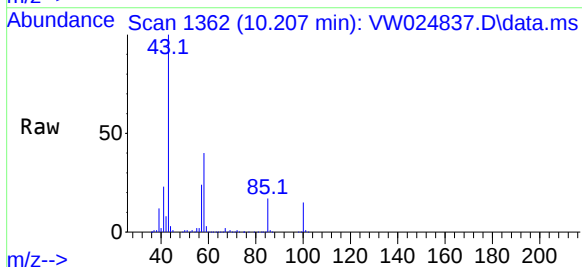
Tgt Ion: 43 Resp: 229005

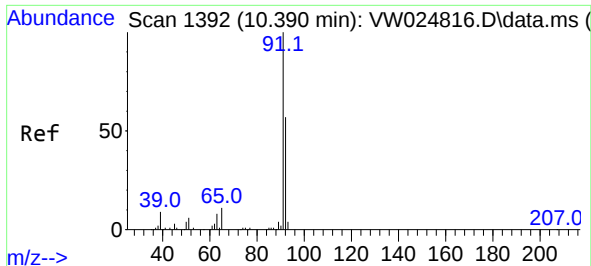
Ion Ratio Lower Upper

43 100

58 40.4 32.9 49.3

100 16.0 12.6 19.0

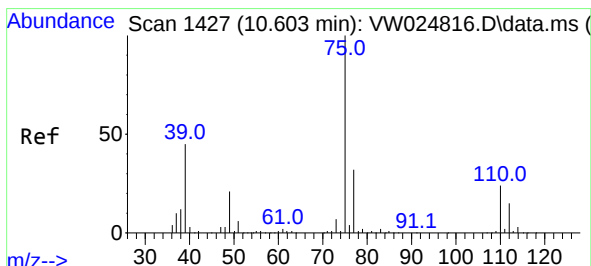
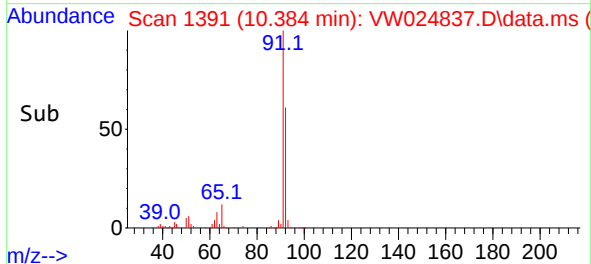
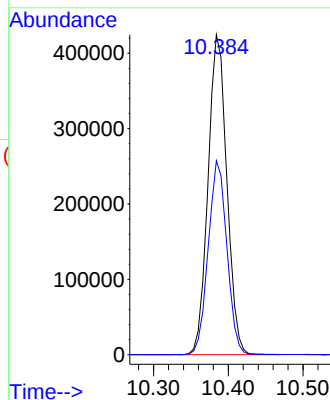
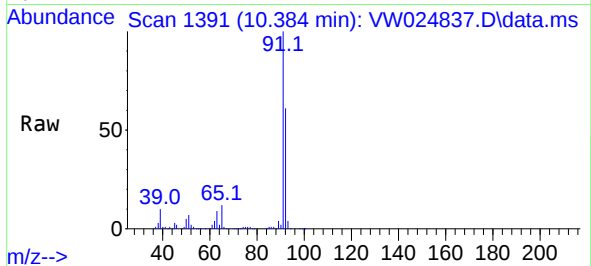




#42
Toluene
Concen: 23.778 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

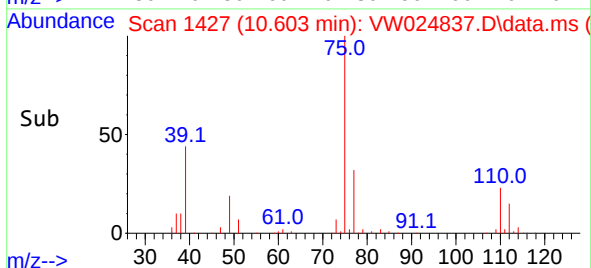
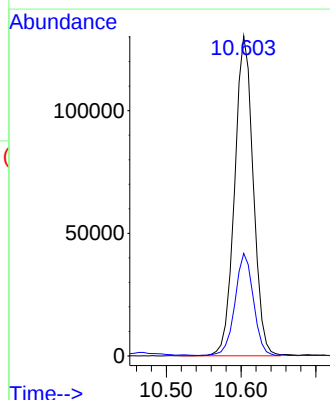
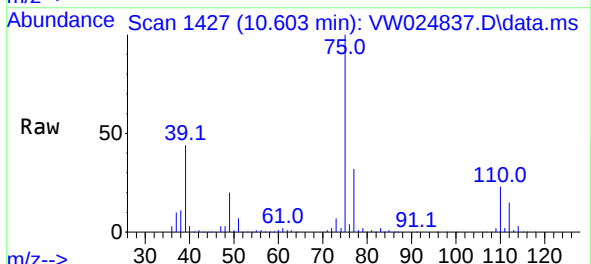
Instrument :
MSVOA_W
ClientSampleId :
BFB440

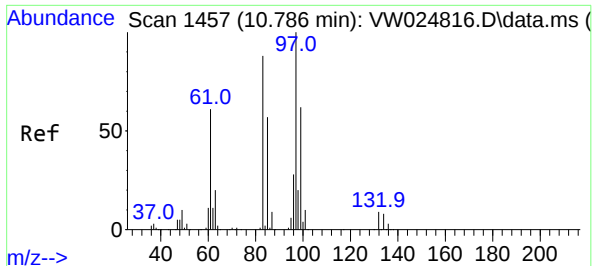
Tgt Ion: 91 Resp: 741622
Ion Ratio Lower Upper
91 100
92 60.6 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 22.308 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 75 Resp: 225519
Ion Ratio Lower Upper
75 100
77 32.0 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 26.384 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

Instrument :

MSVOA_W

ClientSampleId :

BFB440

Tgt Ion: 97 Resp: 134378

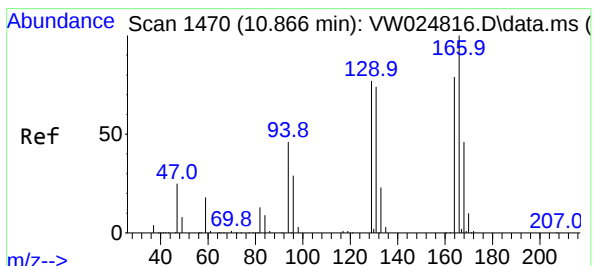
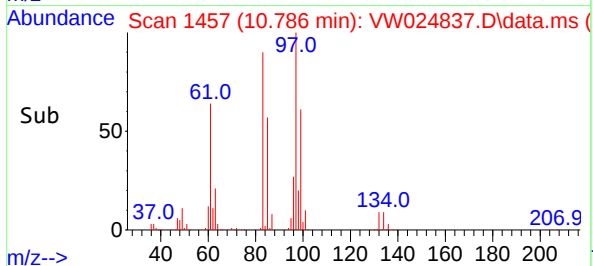
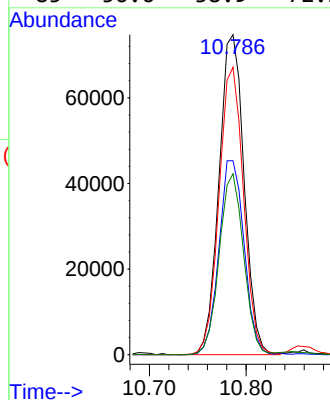
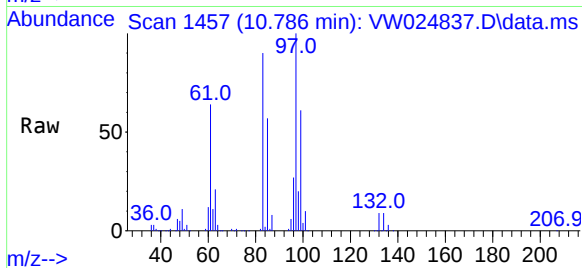
Ion Ratio Lower Upper

97 100

99 60.6 43.8 81.4

83 89.8 60.1 111.5

85 56.6 38.9 72.2



#46

Tetrachloroethene

Concen: 22.011 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

Tgt Ion:164 Resp: 114489

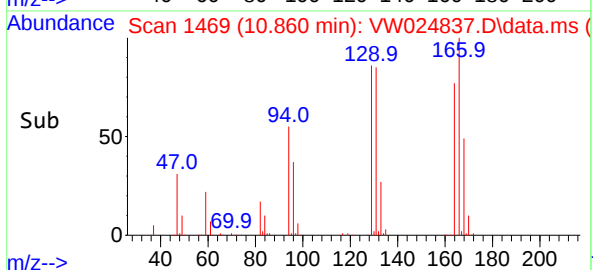
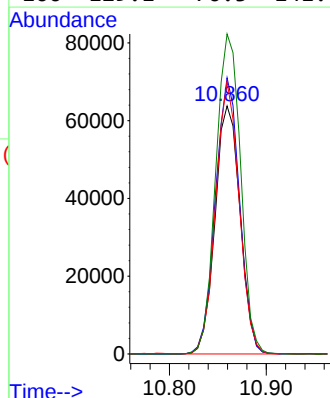
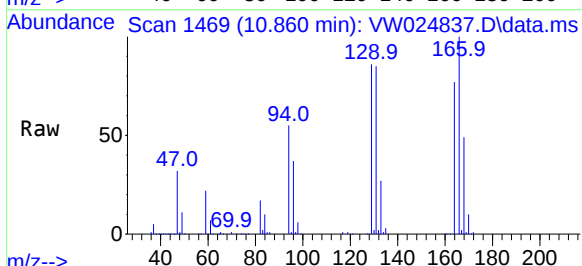
Ion Ratio Lower Upper

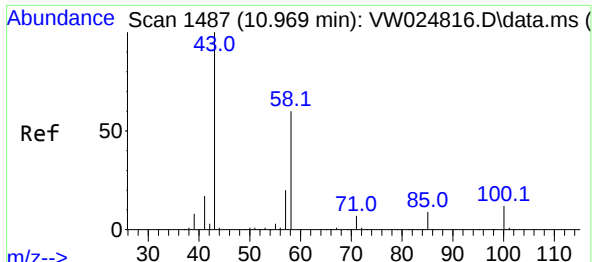
164 100

129 111.4 74.1 137.5

131 110.0 71.5 132.7

166 129.1 76.3 141.7



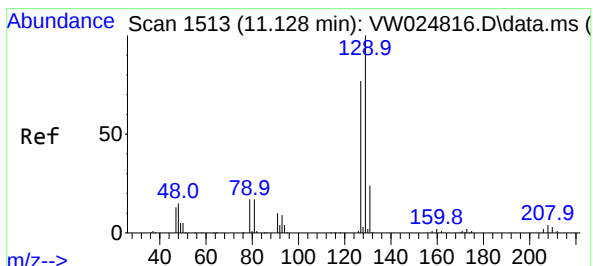
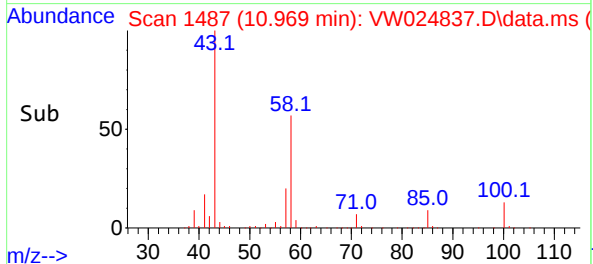
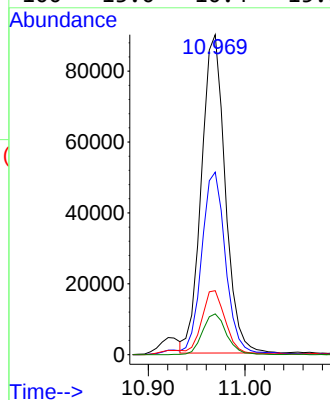
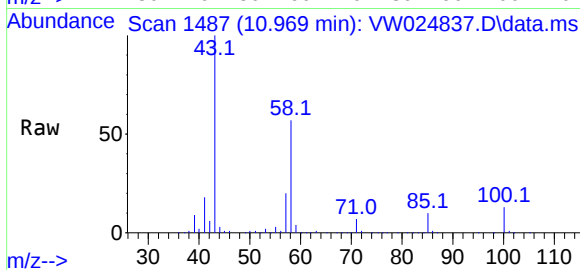


#48
2-Hexanone
Concen: 51.478 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Instrument :
MSVOA_W
ClientSampleId :
BFB440

Tgt Ion: 43 Resp: 153631

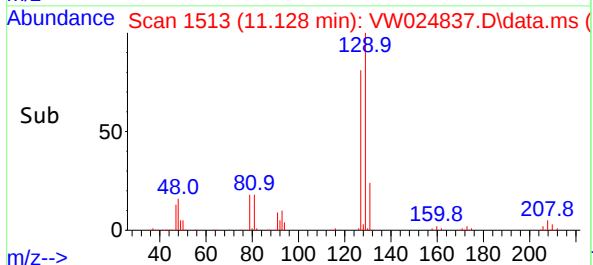
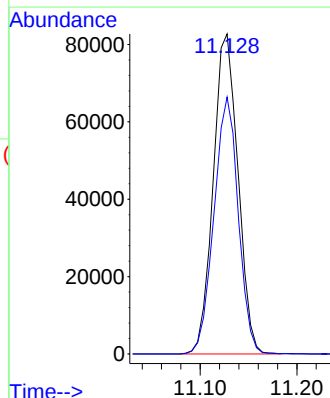
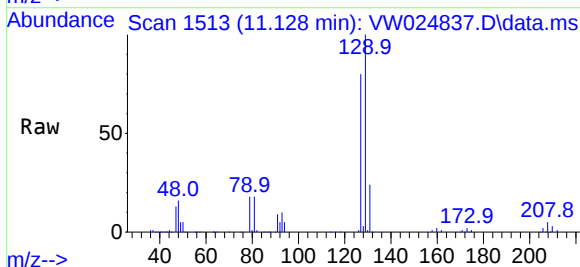
Ion	Ratio	Lower	Upper
43	100		
58	57.0	45.3	67.9
57	19.4	16.3	24.5
100	13.0	10.4	15.6

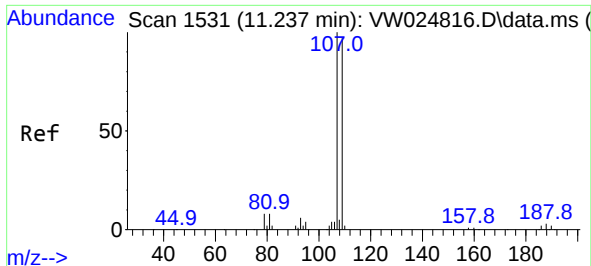


#49
Dibromochloromethane
Concen: 25.591 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 129 Resp: 146766

Ion	Ratio	Lower	Upper
129	100		
127	80.3	52.4	97.4





#50

1,2-Dibromoethane

Concen: 25.841 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

Instrument :

MSVOA_W

ClientSampleId :

BFB440

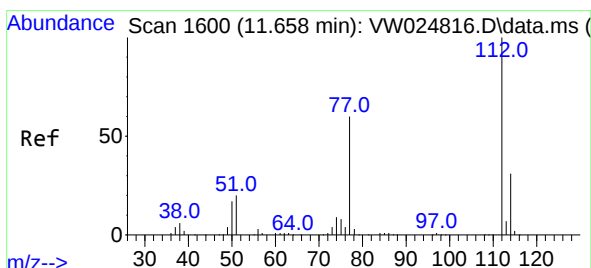
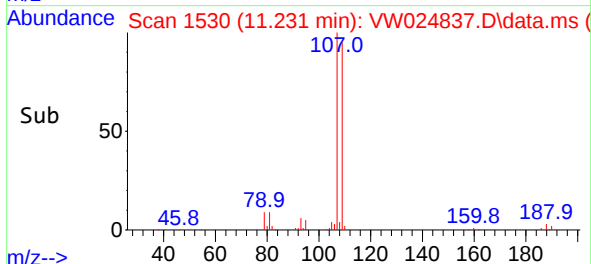
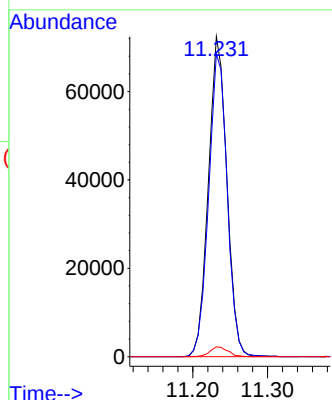
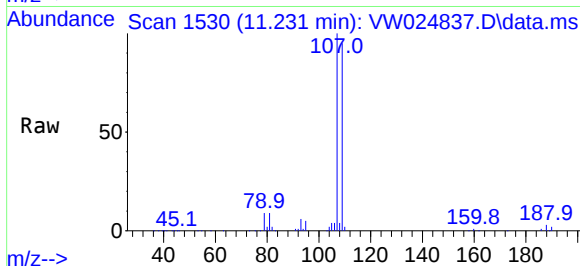
Tgt Ion:107 Resp: 124571

Ion Ratio Lower Upper

107 100

109 94.6 65.5 121.7

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 24.916 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW024837.D

Acq: 11 Oct 2022 04:37

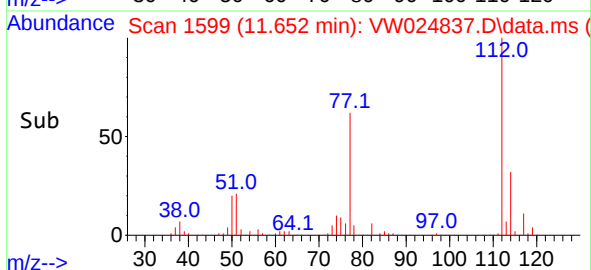
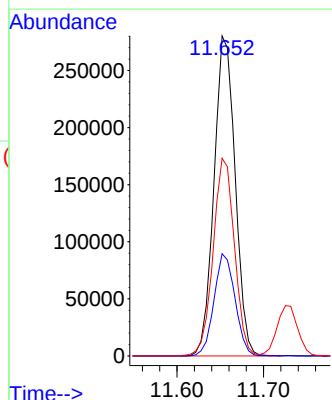
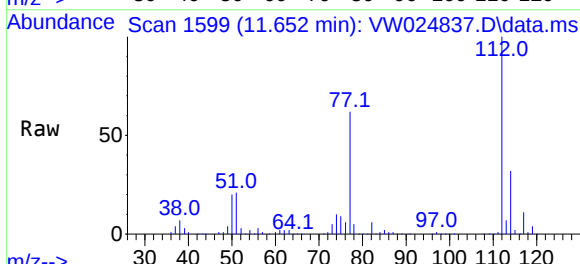
Tgt Ion:112 Resp: 475822

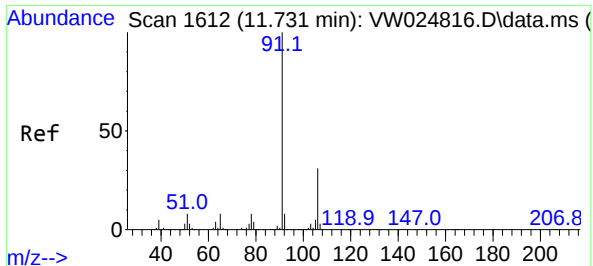
Ion Ratio Lower Upper

112 100

114 32.0 23.3 43.3

77 61.7 49.1 73.7

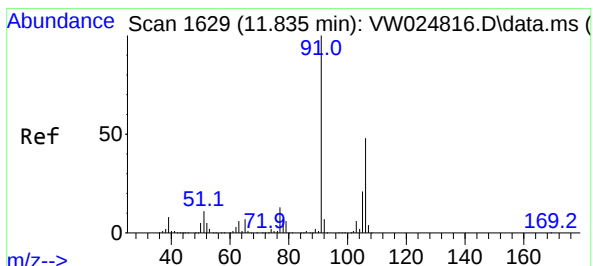
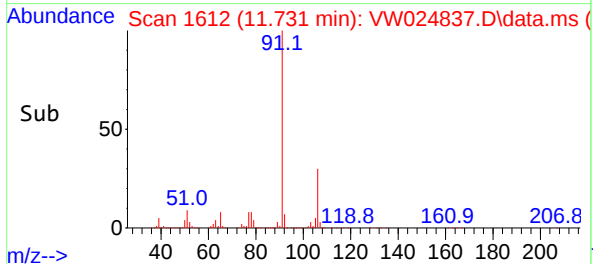
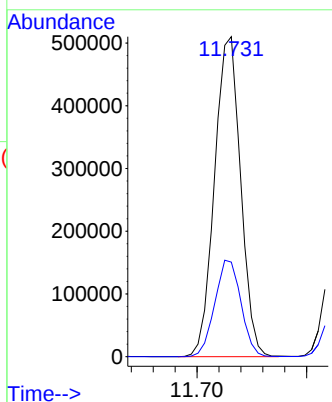
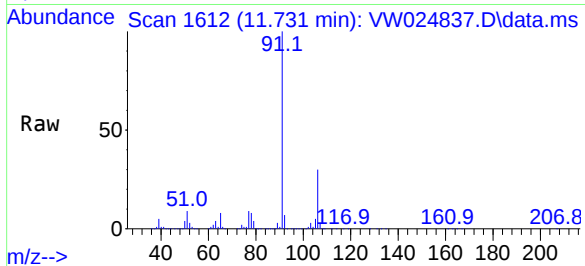




#52
Ethylbenzene
Concen: 24.547 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

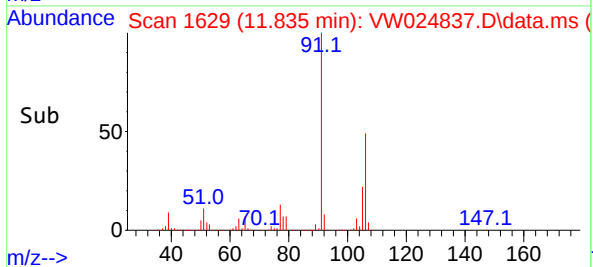
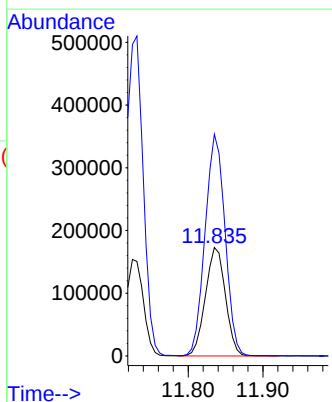
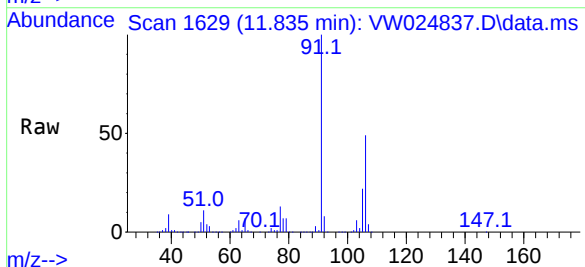
Instrument :
MSVOA_W
ClientSampleId :
BFB440

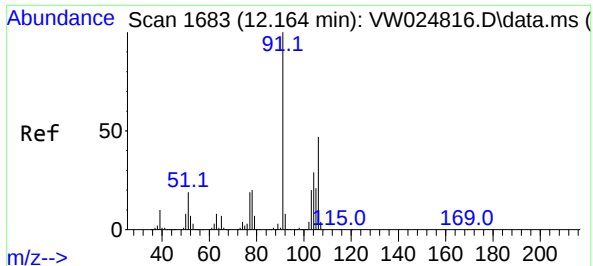
Tgt Ion: 91 Resp: 843318
Ion Ratio Lower Upper
91 100
106 29.5 21.5 39.9



#53
m,p-Xylene
Concen: 24.001 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion:106 Resp: 321977
Ion Ratio Lower Upper
106 100
91 204.4 146.8 272.6

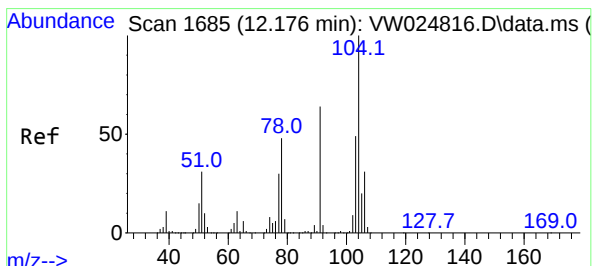
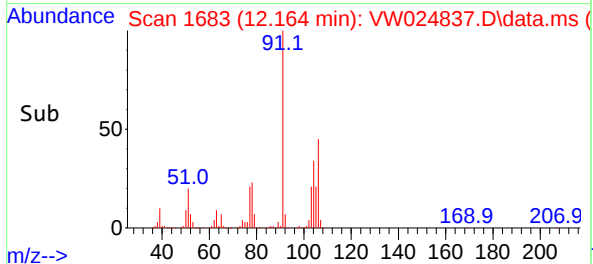
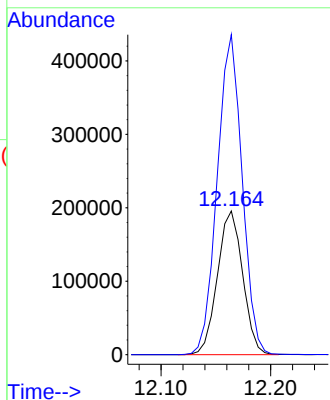
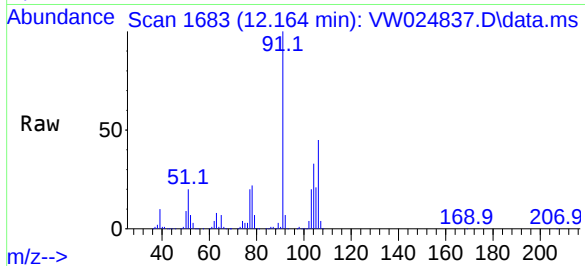




#54
o-Xylene
Concen: 24.744 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

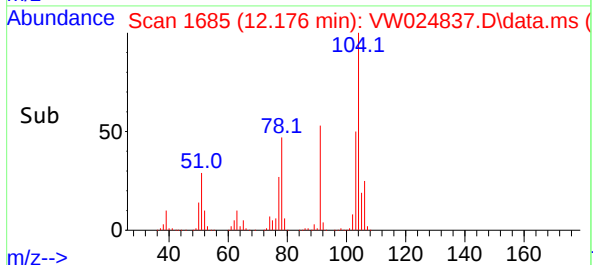
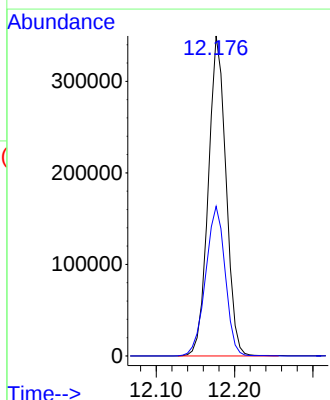
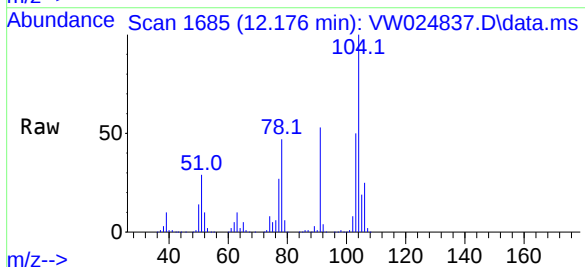
Instrument :
MSVOA_W
ClientSampleId :
BFB440

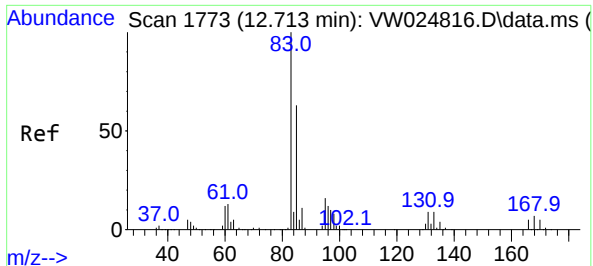
Tgt Ion:106 Resp: 313470
Ion Ratio Lower Upper
106 100
91 222.7 146.3 271.7



#55
Styrene
Concen: 25.676 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion:104 Resp: 548344
Ion Ratio Lower Upper
104 100
78 46.7 33.5 62.1

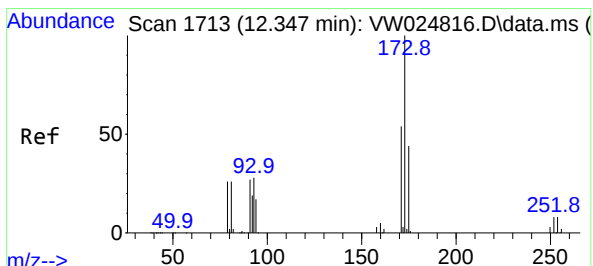
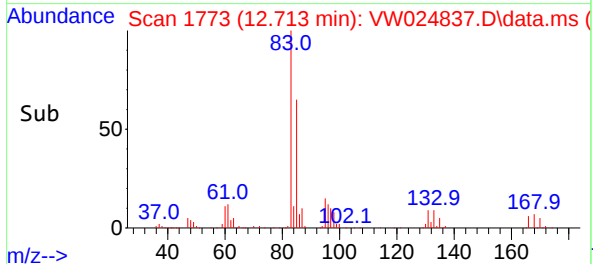
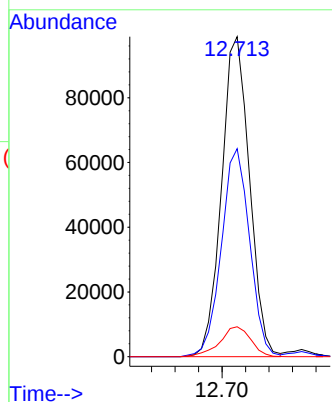
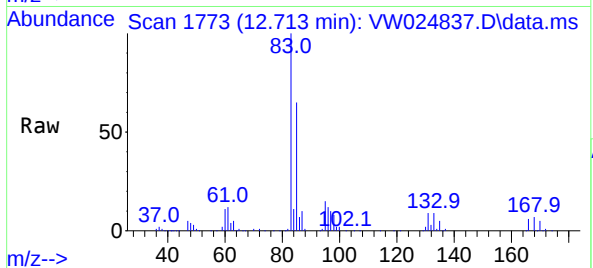




#57
1,1,2-Tetrachloroethane
Concen: 27.397 ug/L
RT: 12.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

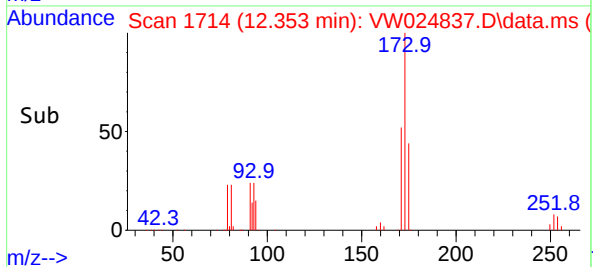
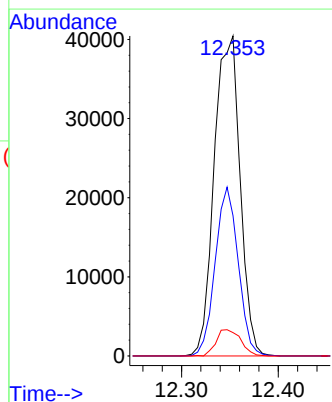
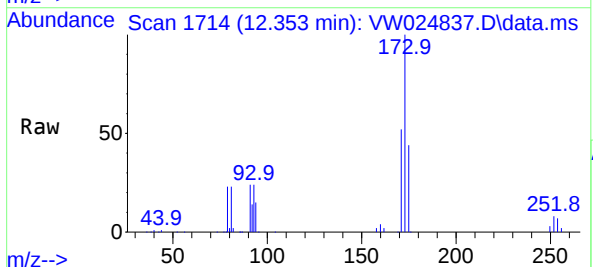
Instrument :
MSVOA_W
ClientSampleId :
BFB440

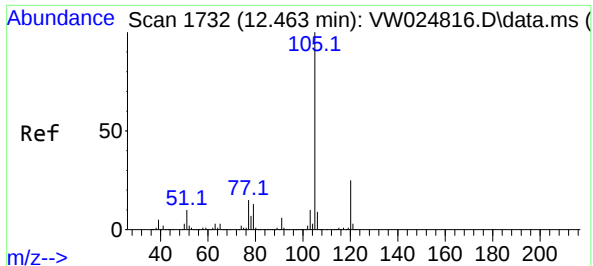
Tgt Ion: 83 Resp: 163376
Ion Ratio Lower Upper
83 100
85 65.0 45.2 84.0
131 9.3 7.3 10.9



#59
Bromoform
Concen: 24.673 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

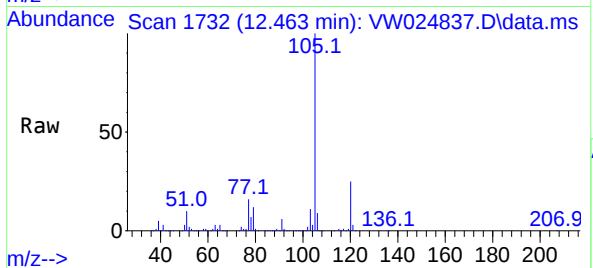
Tgt Ion:173 Resp: 75036
Ion Ratio Lower Upper
173 100
175 47.0 37.7 56.5
254 7.8 6.7 10.1



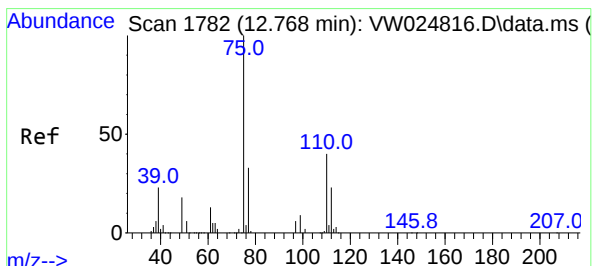
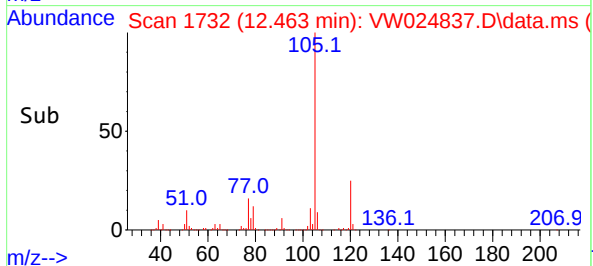
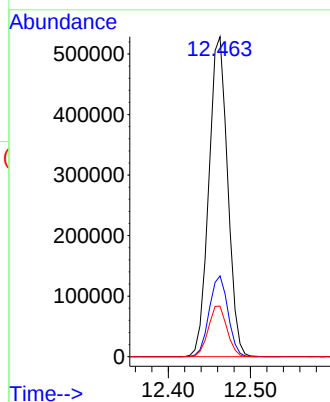


#60
Isopropylbenzene
Concen: 23.906 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Instrument :
MSVOA_W
ClientSampleId :
BFB440

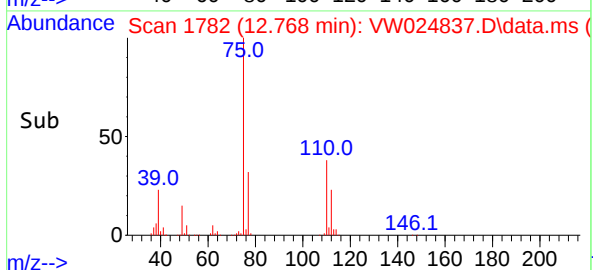
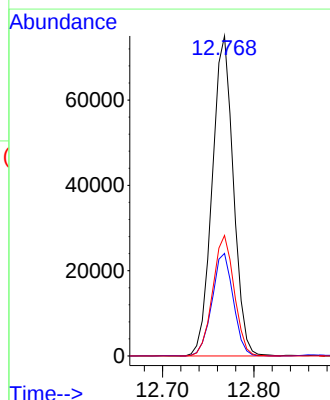
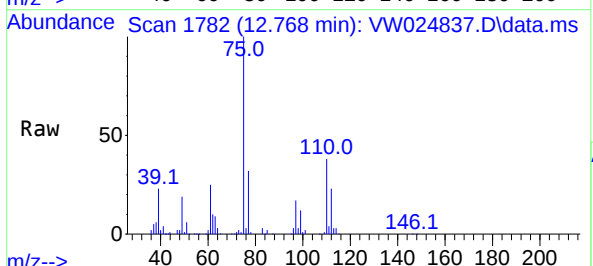


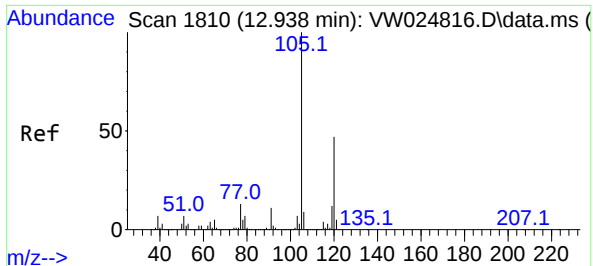
Tgt Ion:105 Resp: 838291
Ion Ratio Lower Upper
105 100
120 25.3 20.9 31.3
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 26.074 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion: 75 Resp: 120842
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
110 38.1 29.2 43.8

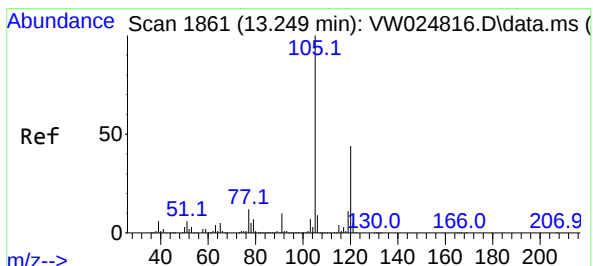
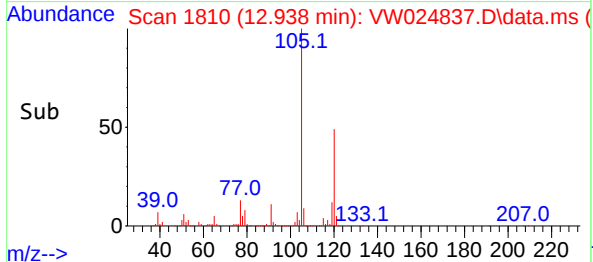
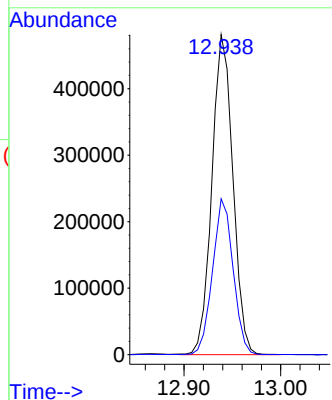
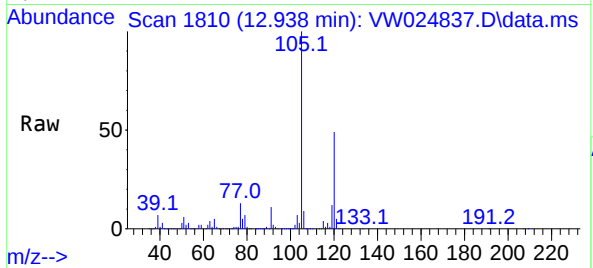




#62
1,3,5-Trimethylbenzene
Concen: 23.807 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

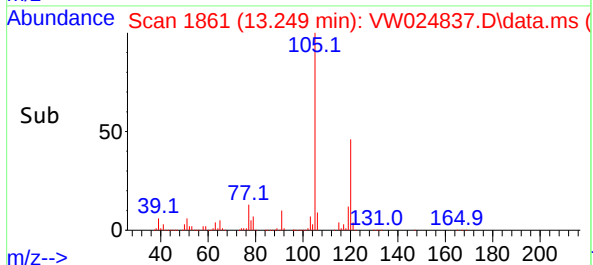
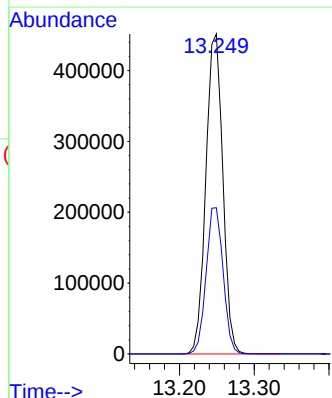
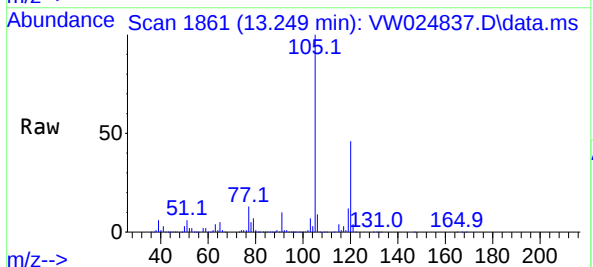
Instrument :
MSVOA_W
ClientSampleId :
BFB440

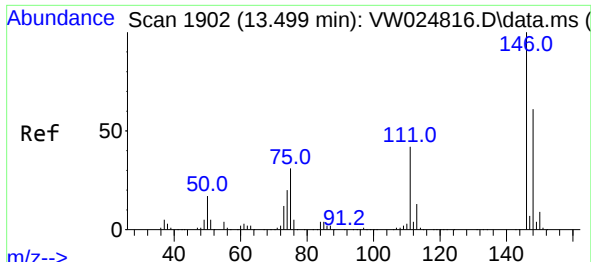
Tgt Ion:105 Resp: 725591
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 23.832 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion:105 Resp: 711567
Ion Ratio Lower Upper
105 100
120 45.9 35.2 52.8

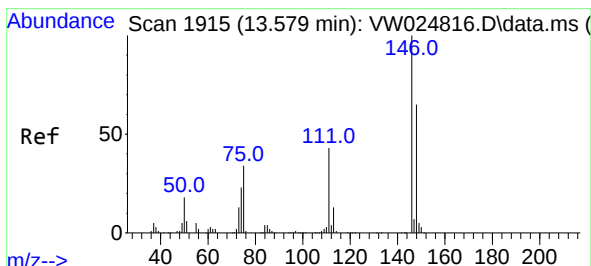
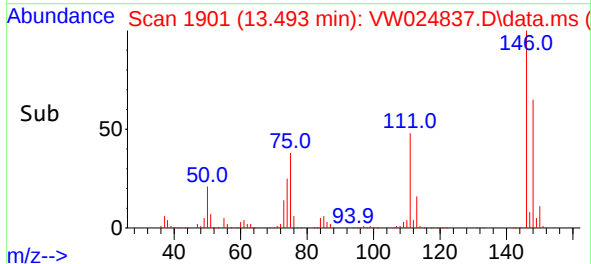
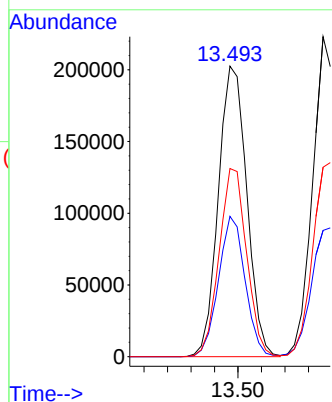
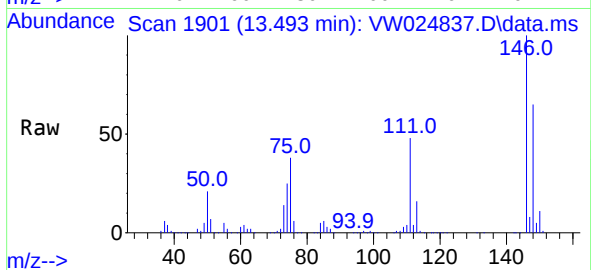




#64
1,3-Dichlorobenzene
Concen: 23.912 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

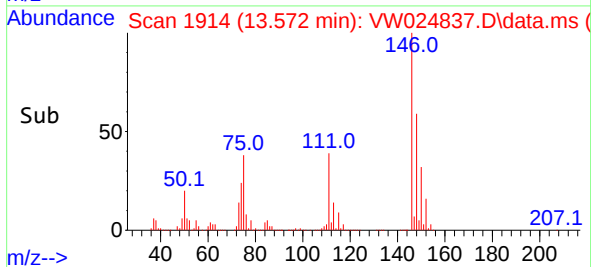
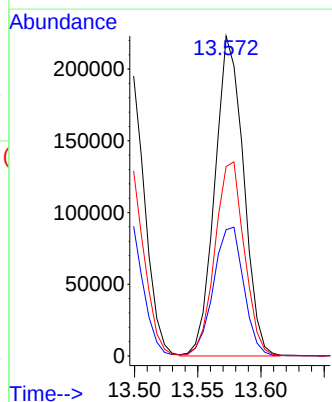
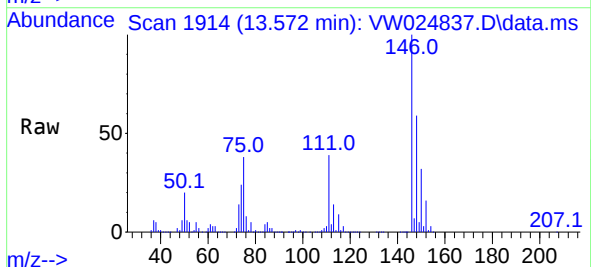
Instrument :
MSVOA_W
ClientSampleId :
BFB440

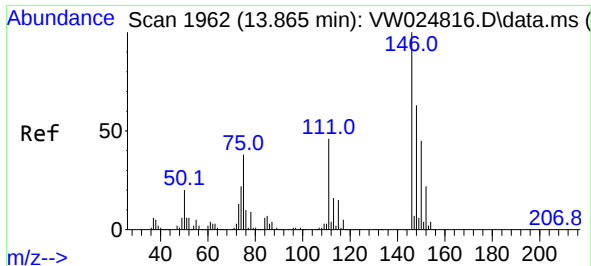
Tgt Ion:146 Resp: 340656
Ion Ratio Lower Upper
146 100
111 48.3 31.6 58.6
148 64.7 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 25.345 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion:146 Resp: 351500
Ion Ratio Lower Upper
146 100
111 39.5 29.4 54.6
148 59.2 39.6 73.6

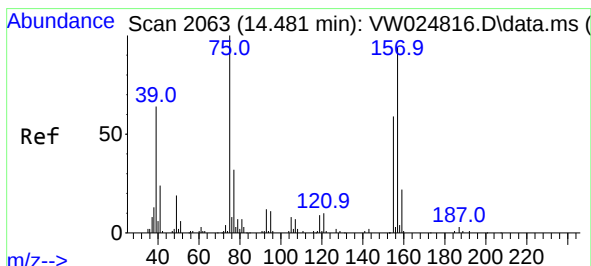
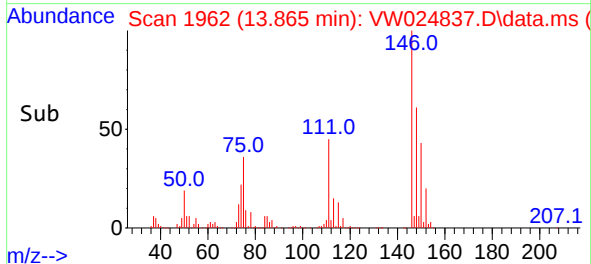
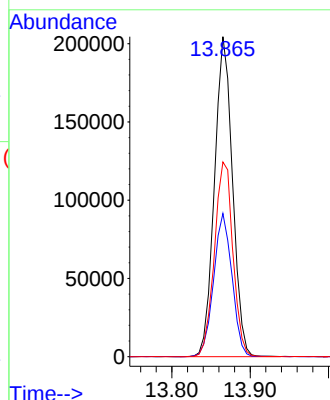
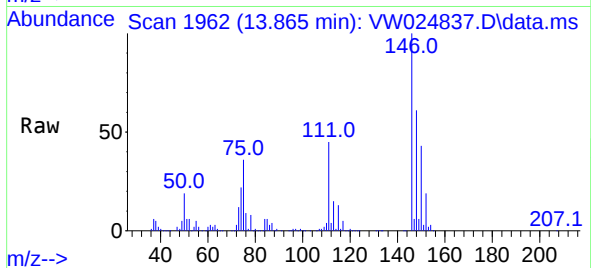




#67
1,2-Dichlorobenzene
Concen: 26.408 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

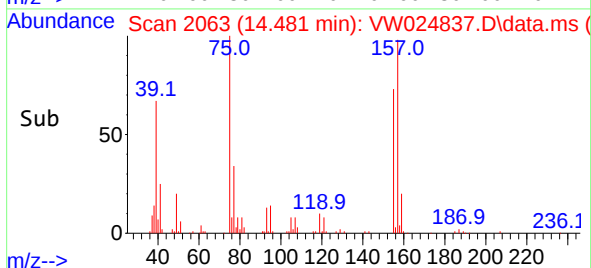
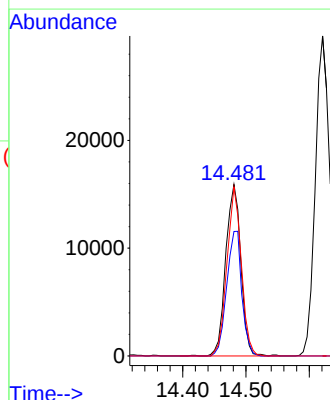
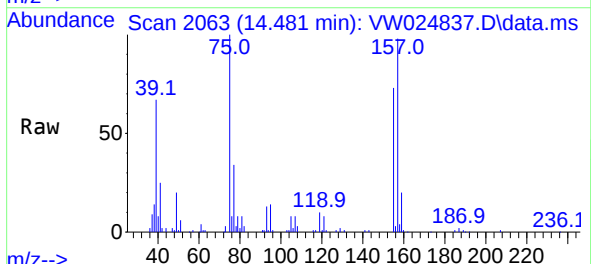
Instrument :
MSVOA_W
ClientSampleId :
BFB440

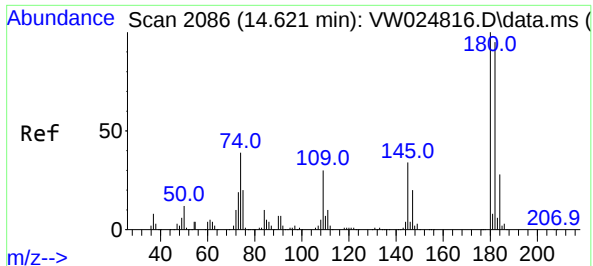
Tgt Ion:146 Resp: 327688
Ion Ratio Lower Upper
146 100
111 44.7 37.2 55.8
148 60.9 53.0 79.6



#68
1,2-Dibromo-3-chloropropane
Concen: 23.899 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

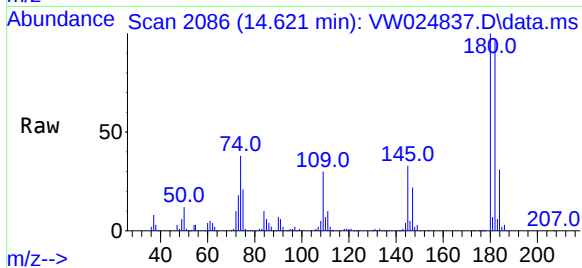
Tgt Ion: 75 Resp: 26193
Ion Ratio Lower Upper
75 100
155 72.6 57.6 86.4
157 98.5 73.0 109.6



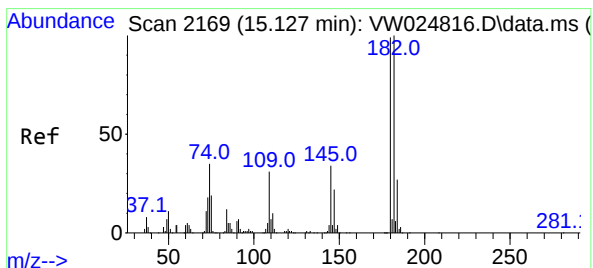
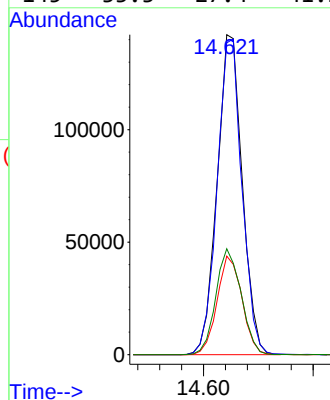


#69
1,3,5-Trichlorobenzene
Concen: 23.905 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

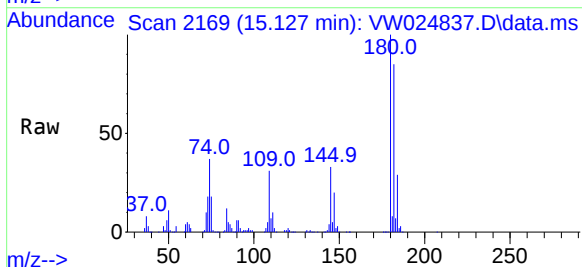
Instrument :
MSVOA_W
ClientSampleId :
BFB440



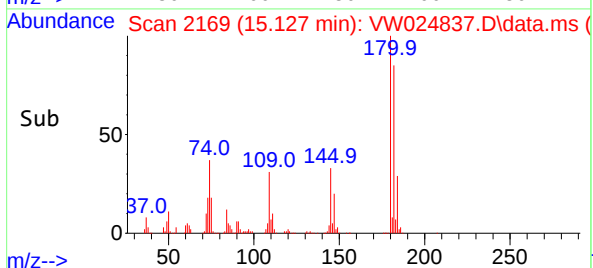
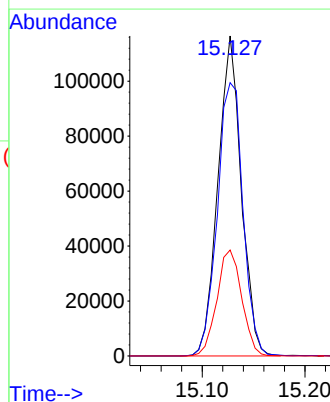
Tgt Ion:180 Resp: 226125
Ion Ratio Lower Upper
180 100
182 97.4 77.1 115.7
184 30.5 23.3 34.9
145 33.3 27.4 41.2

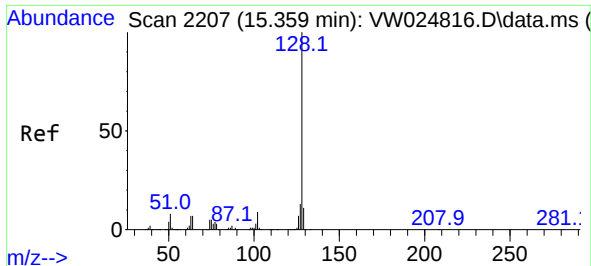


#70
1,2,4-trichlorobenzene
Concen: 23.122 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37



Tgt Ion:180 Resp: 183742
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
145 35.2 29.0 43.4

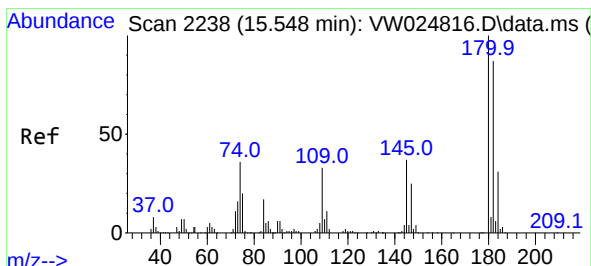
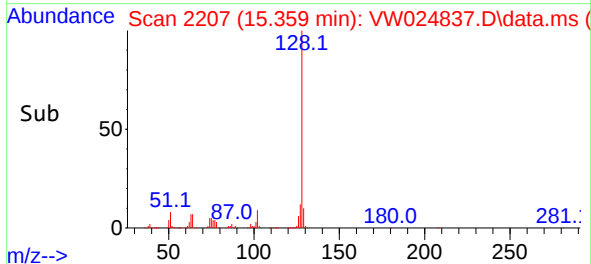
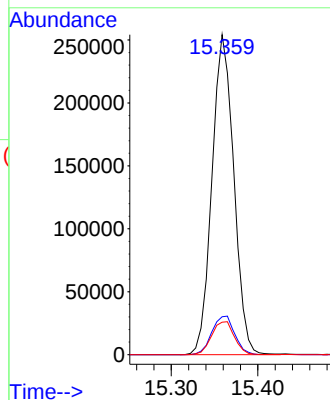
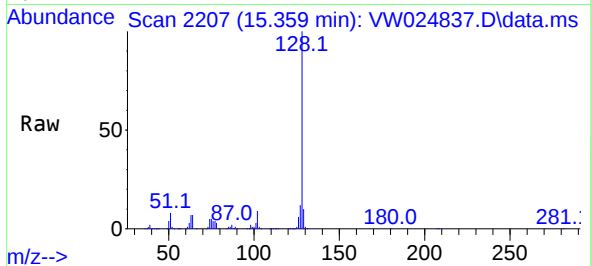




#71
Naphthalene
Concen: 25.732 ug/L
RT: 15.359 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Instrument :
MSVOA_W
ClientSampleId :
BFB440

Tgt Ion:128 Resp: 445227
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.8 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.989 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW024837.D
Acq: 11 Oct 2022 04:37

Tgt Ion:180 Resp: 169002
Ion Ratio Lower Upper
180 100
182 91.6 77.4 116.2
145 36.9 30.6 45.8

