

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024868.D
 Acq On : 12 Oct 2022 12:53
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV460

Quant Time: Oct 12 23:14:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 23:05:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	484873	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	453295	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127085	22.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.880%
7) Chloroethane-d5	2.891	69	77386	23.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.440%
11) 1,1-Dichloroethene-d2	4.025	63	291352	23.425	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.720%
21) 2-Butanone-d5	7.079	46	88105	48.610	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.220%
24) Chloroform-d	7.652	84	313935	22.955	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	8.311	65	164667	23.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.040%
32) Benzene-d6	8.274	84	647073	22.764	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.040%
36) 1,2-Dichloropropane-d6	9.274	67	198044	22.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.880%
41) Toluene-d8	10.323	98	582227	22.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.280%
43) trans-1,3-Dichloroprop...	10.579	79	78053	23.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.440%
47) 2-Hexanone-d5	10.926	63	69995	47.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.780%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	152574	22.440	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	182809	22.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	46703	21.529	ug/L	93
3) Chloromethane	2.214	50	124250	24.592	ug/L	97
5) Vinyl chloride	2.367	62	177665	25.774	ug/L	98
6) Bromomethane	2.781	94	86400	25.807	ug/L	93
8) Chloroethane	2.928	64	72949	25.399	ug/L	97
9) Trichlorofluoromethane	3.263	101	98372	28.851	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	163263	23.517	ug/L	98
12) 1,1-Dichloroethene	4.043	96	161152	24.532	ug/L	93
13) Acetone	4.129	43	59666	47.043	ug/L	96
14) Carbon disulfide	4.391	76	554705	25.852	ug/L	100
15) Methyl Acetate	4.671	43	77797	25.204	ug/L	99
16) Methylene chloride	4.921	84	192208	22.451	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	179737	25.136	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	289096	27.207	ug/L	99
19) 1,1-Dichloroethane	6.220	63	330428	24.978	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	197109	25.506	ug/L	97
22) 2-Butanone	7.177	43	100342	47.424	ug/L	100
23) Bromochloromethane	7.518	128	82019	25.947	ug/L	95
25) Chloroform	7.677	83	322547	24.840	ug/L	98

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 Response via : Initial Calibration

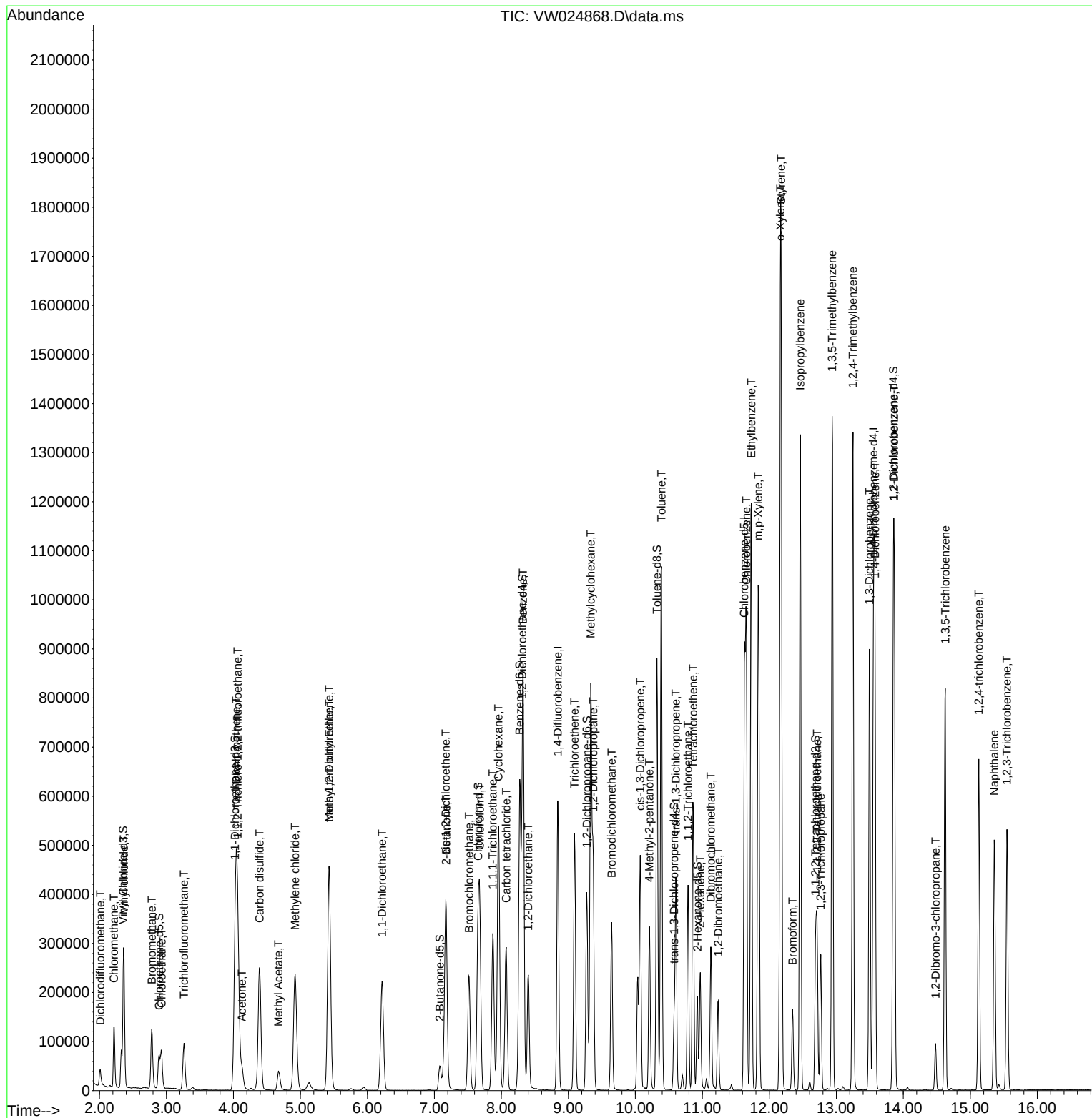
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	214126	25.501	ug/L	100
29) Cyclohexane	7.957	56	320754	24.365	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	256563	24.611	ug/L	99
31) Carbon tetrachloride	8.073	117	222046	24.259	ug/L	99
33) Benzene	8.323	78	755740	24.506	ug/L	100
34) Trichloroethene	9.091	95	187777	24.178	ug/L	99
35) Methylcyclohexane	9.335	83	340703	24.376	ug/L	99
37) 1,2-Dichloropropane	9.372	63	188675	24.550	ug/L	100
38) Bromodichloromethane	9.646	83	235806	24.832	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	283723	25.540	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	225005	49.534	ug/L	99
42) Toluene	10.390	91	785622	24.847	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	239612	25.980	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	132682	24.716	ug/L	97
46) Tetrachloroethene	10.865	164	126007	23.862	ug/L	93
48) 2-Hexanone	10.969	43	153454	49.825	ug/L	98
49) Dibromochloromethane	11.127	129	150054	25.250	ug/L	98
50) 1,2-Dibromoethane	11.237	107	124775	24.673	ug/L #	95
51) Chlorobenzene	11.658	112	484219	24.366	ug/L	96
52) Ethylbenzene	11.731	91	863538	24.390	ug/L	93
53) m,p-Xylene	11.835	106	328335	24.408	ug/L	95
54) o-Xylene	12.164	106	317542	24.792	ug/L	88
55) Styrene	12.176	104	552508	25.151	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	160689	24.534	ug/L	99
59) Bromoform	12.347	173	71811	24.640	ug/L #	97
60) Isopropylbenzene	12.463	105	852776	24.272	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	115944	24.210	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	744611	24.685	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	738231	25.383	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	357940	25.016	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	358288	24.738	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	318800	25.067	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	25546	24.541	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	236150	25.278	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	192897	25.449	ug/L	99
71) Naphthalene	15.358	128	426309	25.958	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	164217	25.383	ug/L	98

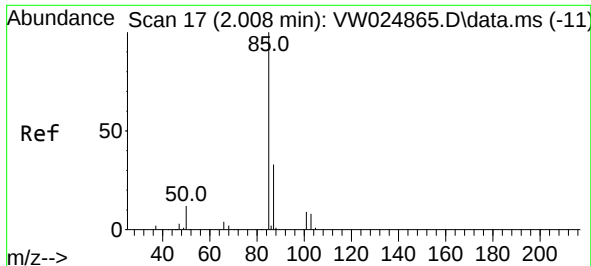
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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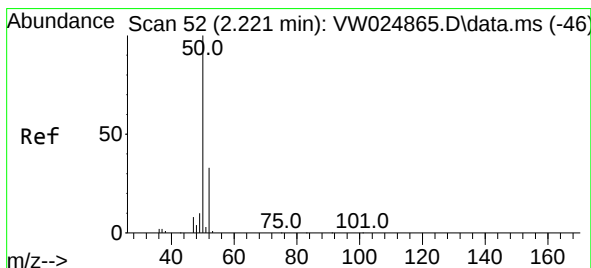
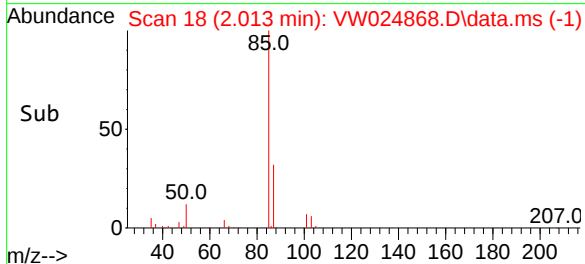
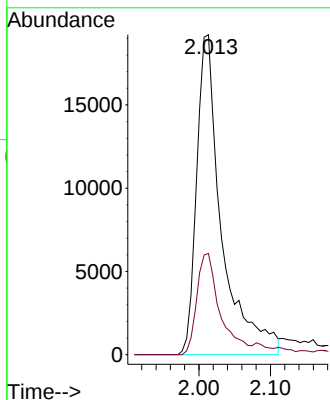
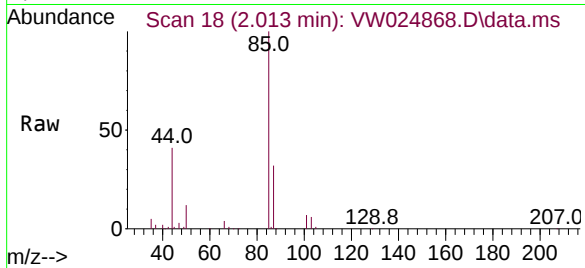




#2
 Dichlorodifluoromethane
 Concen: 21.529 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024868.D
 Acq: 12 Oct 2022 12:53

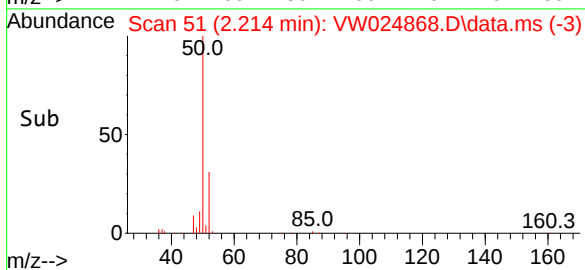
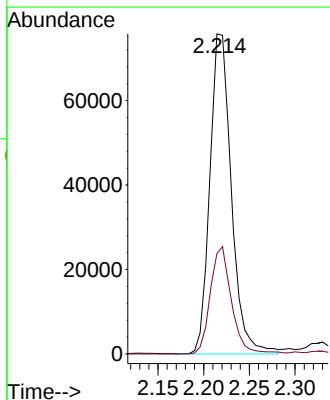
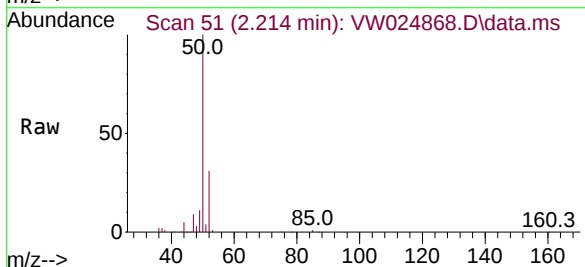
Instrument :
 MSVOA_W
 ClientSampleId :
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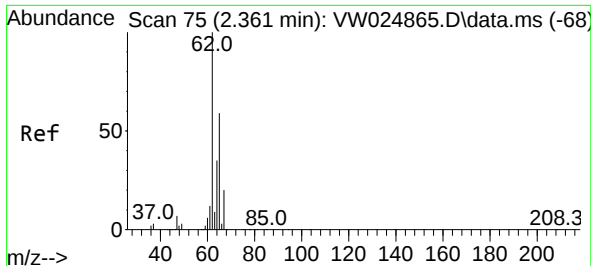
Tgt Ion: 85 Resp: 46703
 Ion Ratio Lower Upper
 85 100
 87 29.6 26.8 40.2



#3
 Chloromethane
 Concen: 24.592 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW024868.D
 Acq: 12 Oct 2022 12:53

Tgt Ion: 50 Resp: 124250
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.1 42.9

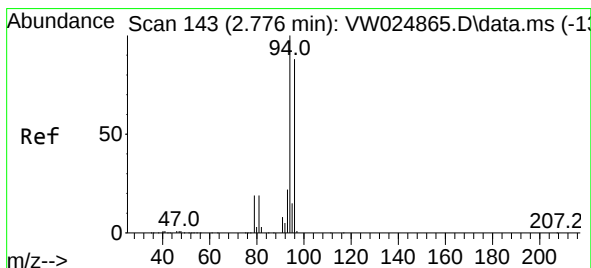
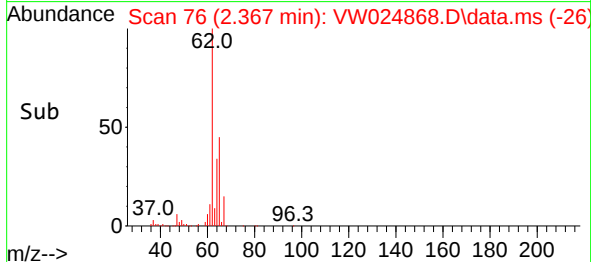
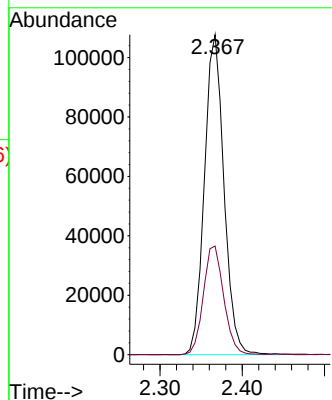
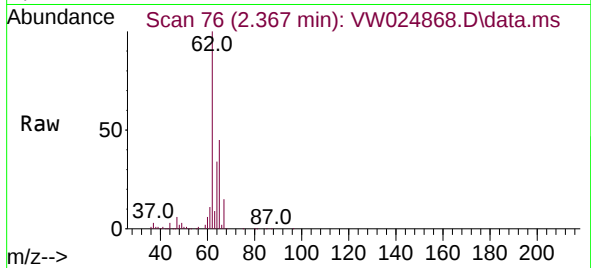




#5
 Vinyl chloride
 Concen: 25.774 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW024868.D
 Acq: 12 Oct 2022 12:53

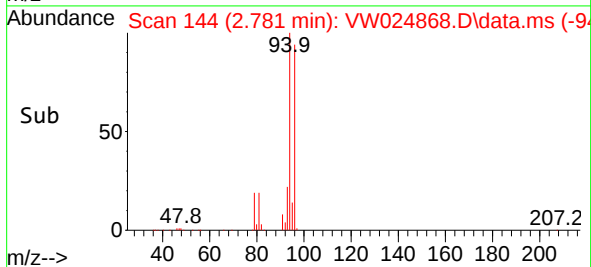
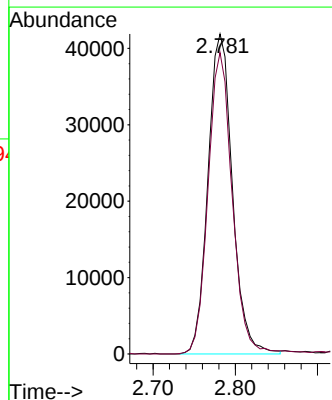
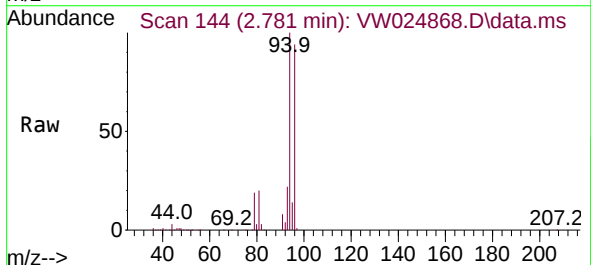
Instrument :
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 ClientSampleId :
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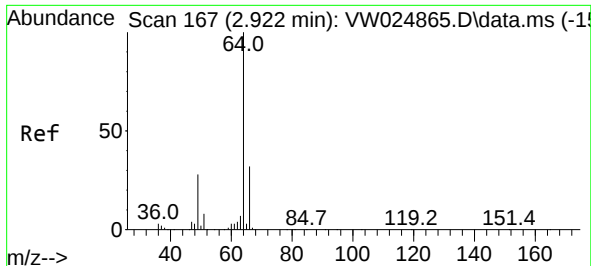
Tgt Ion: 62 Resp: 177665
 Ion Ratio Lower Upper
 62 100
 64 34.0 24.7 45.9



#6
 Bromomethane
 Concen: 25.807 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024868.D
 Acq: 12 Oct 2022 12:53

Tgt Ion: 94 Resp: 86400
 Ion Ratio Lower Upper
 94 100
 96 94.1 61.4 114.0

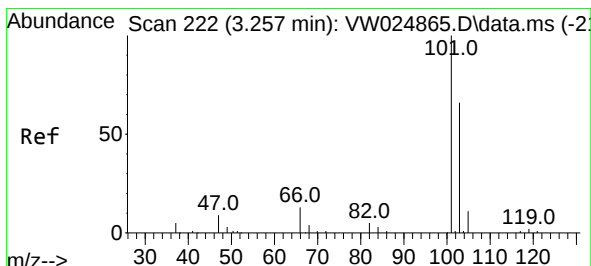
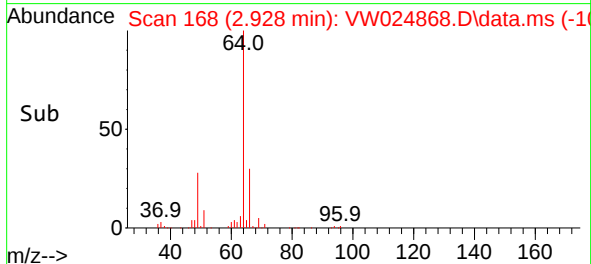
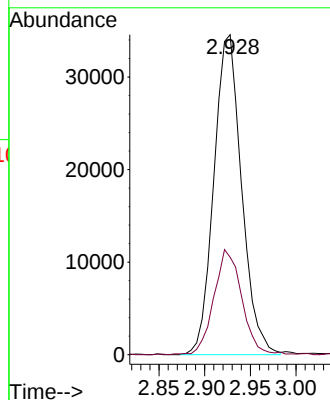
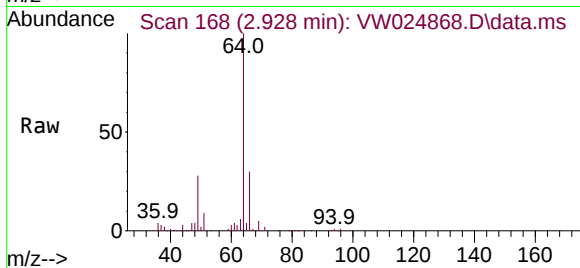




#8
Chloroethane
Concen: 25.399 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

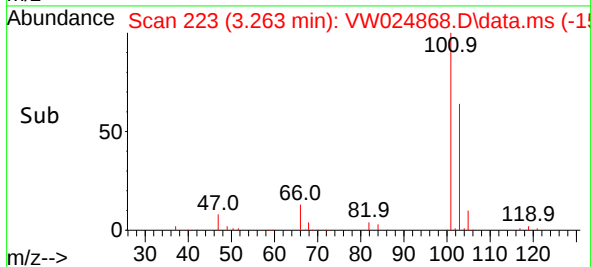
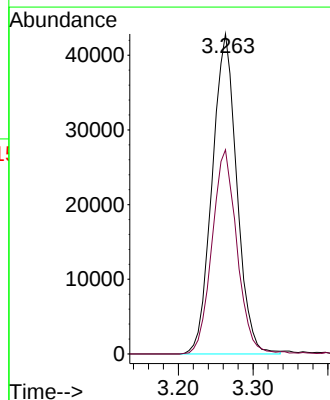
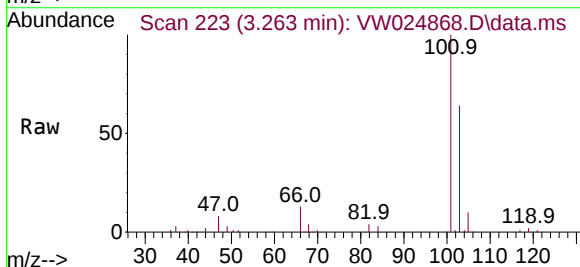
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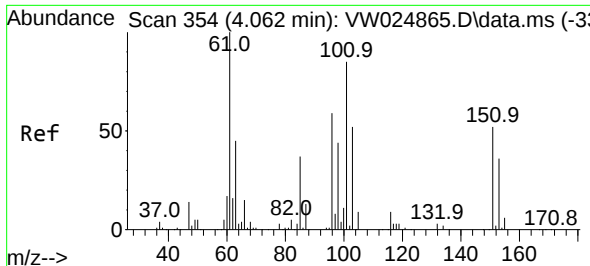
Tgt Ion: 64 Resp: 72949
Ion Ratio Lower Upper
64 100
66 30.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 28.851 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 101 Resp: 98372
Ion Ratio Lower Upper
101 100
103 64.2 52.9 79.3

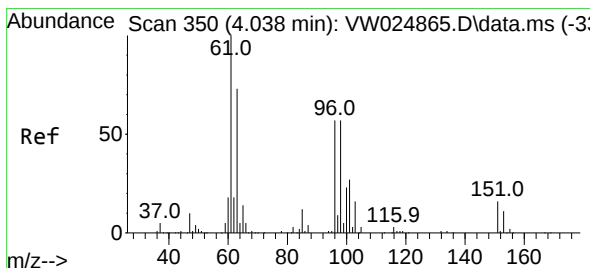
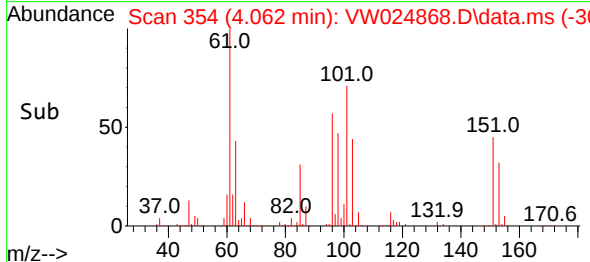
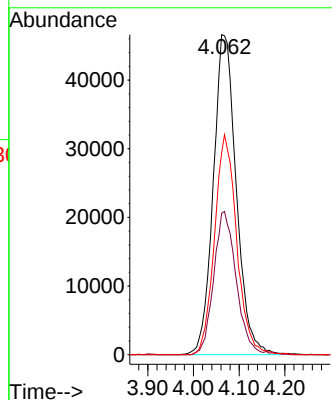
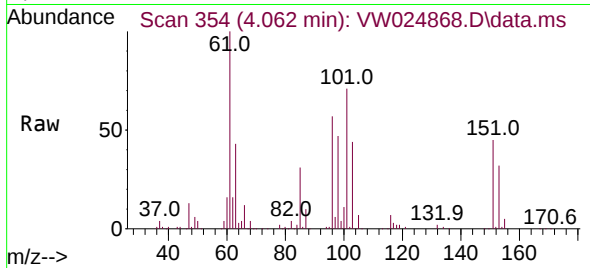




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.517 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW024868.D
 Acq: 12 Oct 2022 12:53

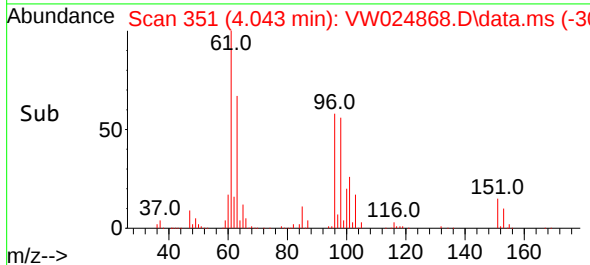
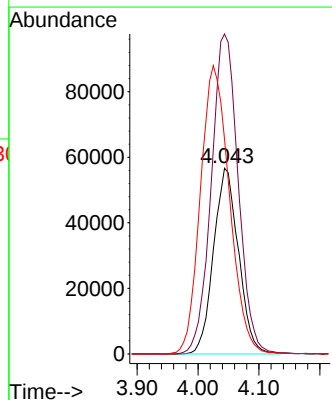
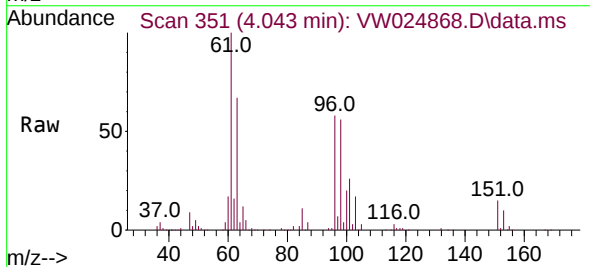
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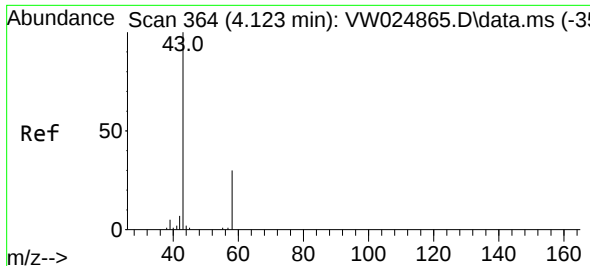
Tgt Ion:101 Resp: 163263
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.6 50.4
 151 66.1 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 24.532 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024868.D
 Acq: 12 Oct 2022 12:53

Tgt Ion: 96 Resp: 161152
 Ion Ratio Lower Upper
 96 100
 61 172.3 122.4 227.2
 63 115.7 92.1 171.1





#13

Acetone

Concen: 47.043 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

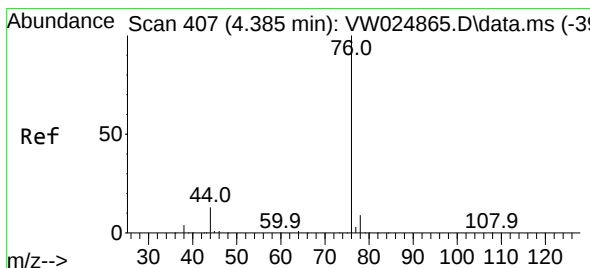
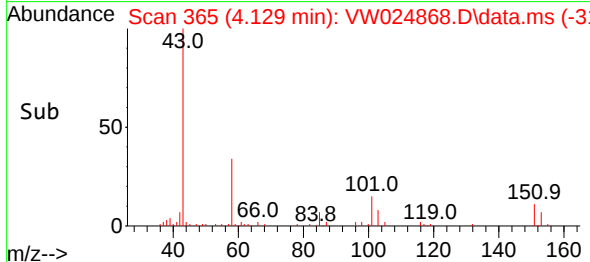
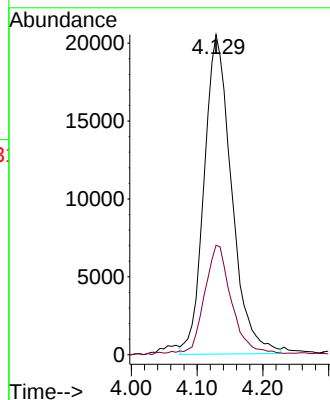
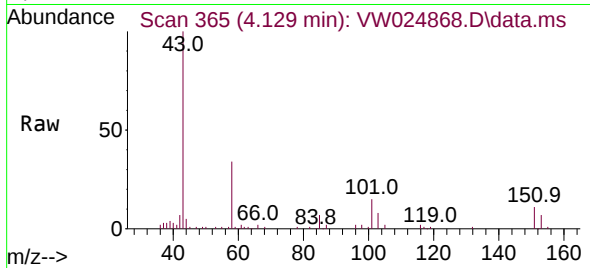
VICV460

Tgt Ion: 43 Resp: 59666

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.2



#14

Carbon disulfide

Concen: 25.852 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW024868.D

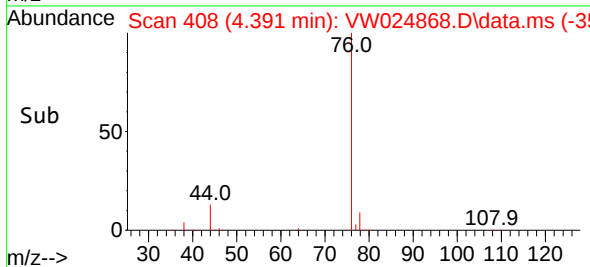
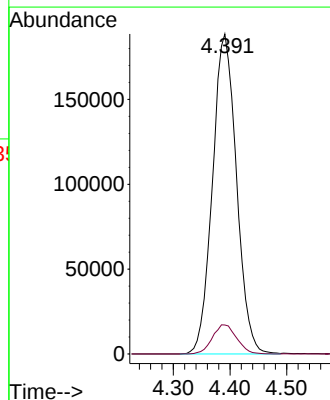
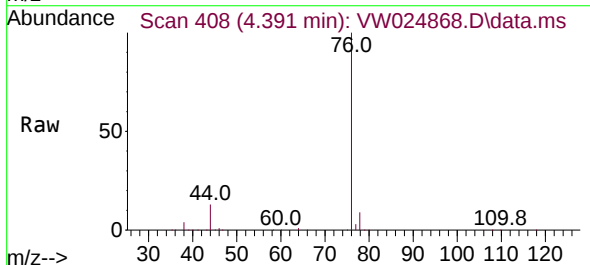
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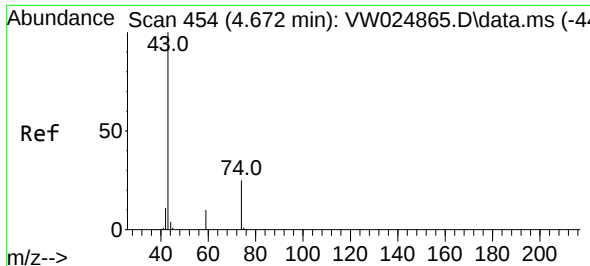
Tgt Ion: 76 Resp: 554705

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

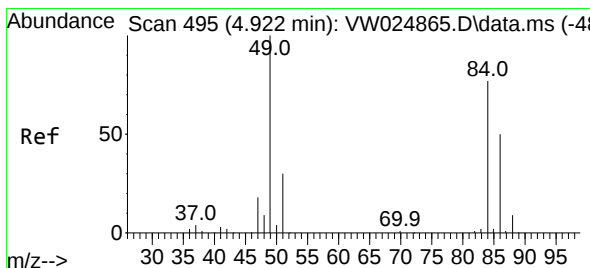
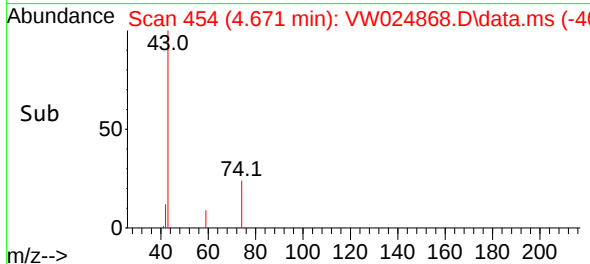
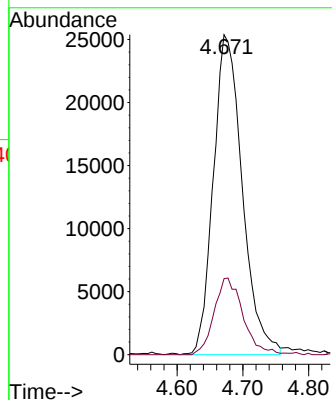
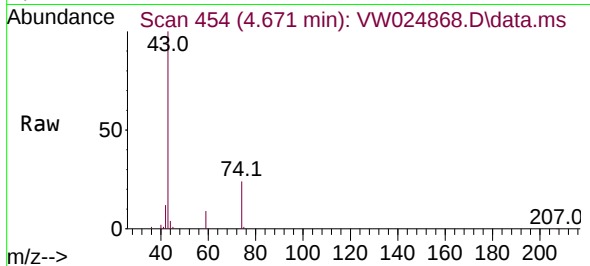




#15
Methyl Acetate
Concen: 25.204 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

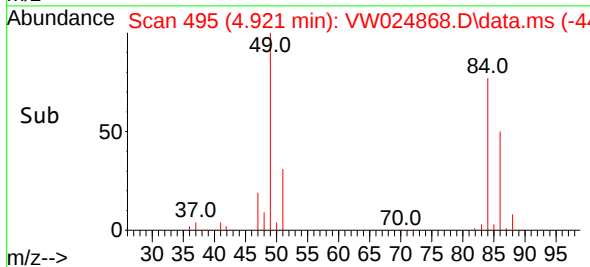
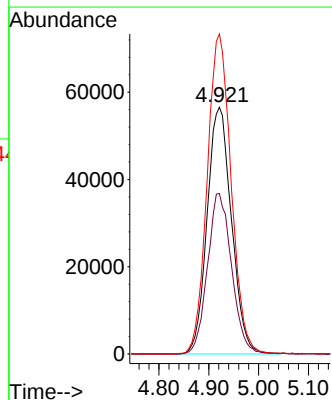
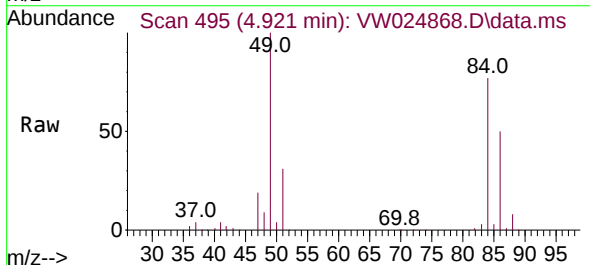
Instrument :
MSVOA_W
ClientSampleId :
VICV460

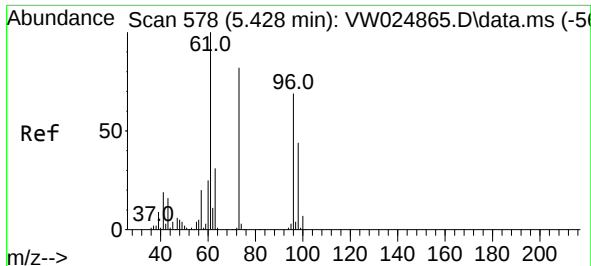
Tgt Ion: 43 Resp: 77797
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6



#16
Methylene chloride
Concen: 22.451 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 84 Resp: 192208
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 129.7 90.9 168.9



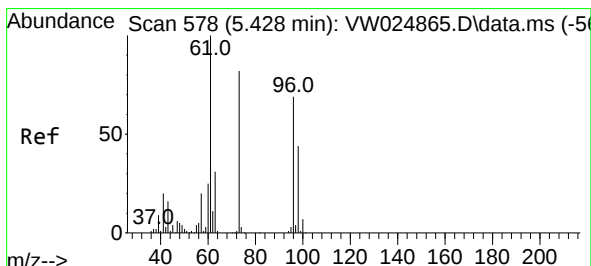
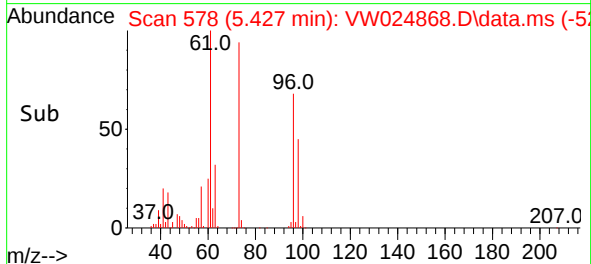
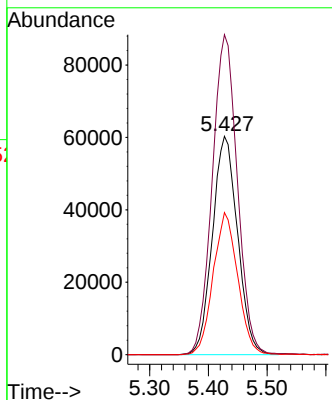
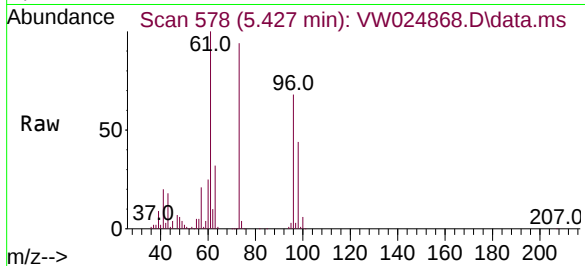


#17
 trans-1,2-Dichloroethene
 Concen: 25.136 ug/L
 RT: 5.427 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: VW024868.D
 Acq: 12 Oct 2022 12:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV460

Tgt Ion: 96 Resp: 179737

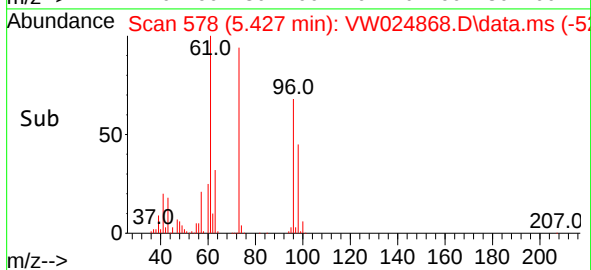
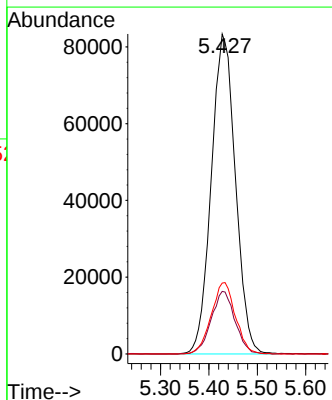
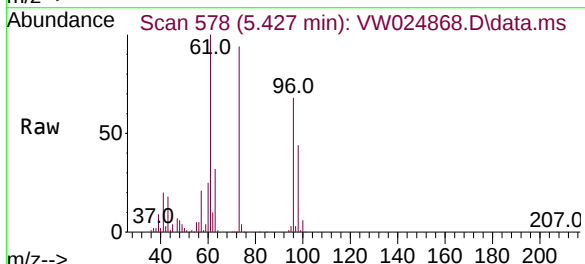
Ion	Ratio	Lower	Upper
96	100		
61	146.5	102.2	189.8
98	65.0	44.6	82.8

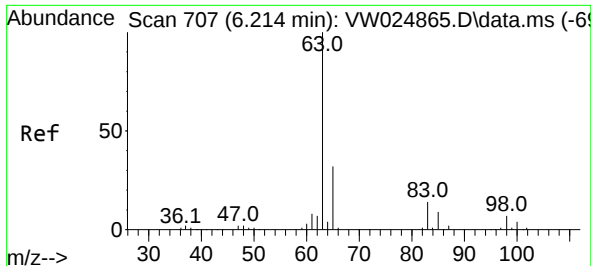


#18
 Methyl tert-butyl Ether
 Concen: 27.207 ug/L
 RT: 5.427 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: VW024868.D
 Acq: 12 Oct 2022 12:53

Tgt Ion: 73 Resp: 289096

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.8	23.6
57	22.3	18.2	27.4

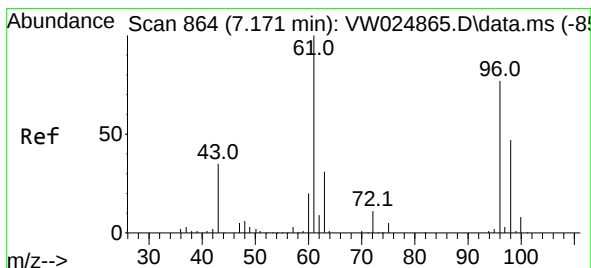
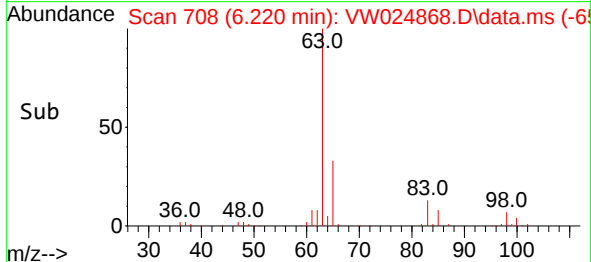
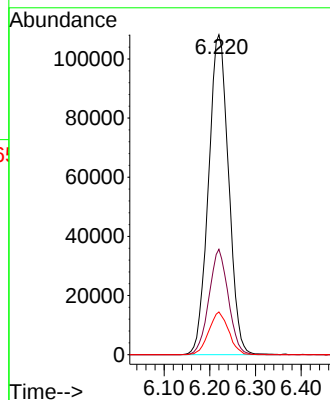
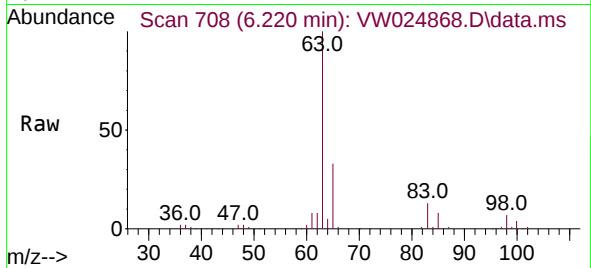




#19
1,1-Dichloroethane
Concen: 24.978 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

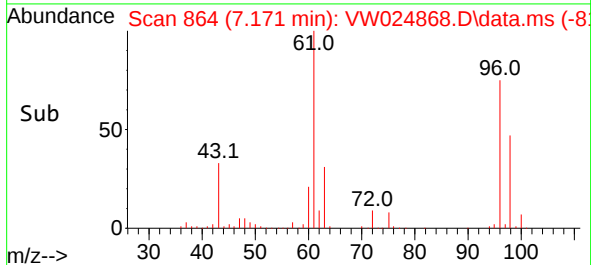
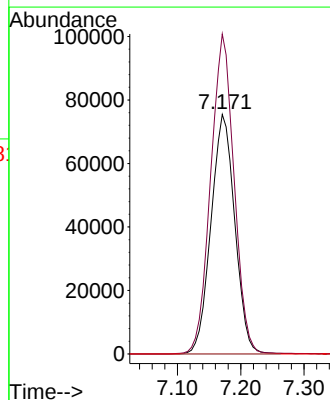
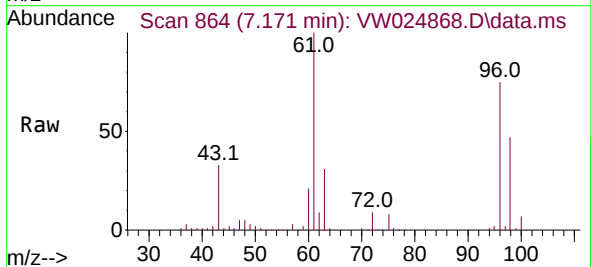
Instrument :
MSVOA_W
ClientSampleId :
VICV460

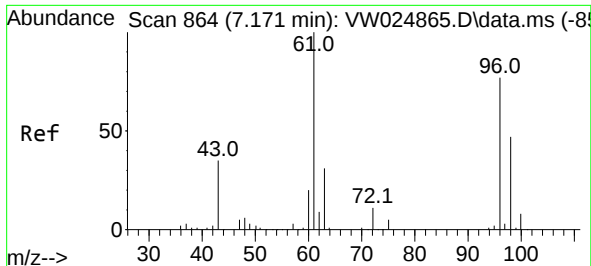
Tgt Ion: 63 Resp: 330428
Ion Ratio Lower Upper
63 100
65 33.0 22.4 41.6
83 13.4 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 25.506 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 96 Resp: 197109
Ion Ratio Lower Upper
96 100
61 133.6 90.9 168.7
68 0.0 0.0 0.0

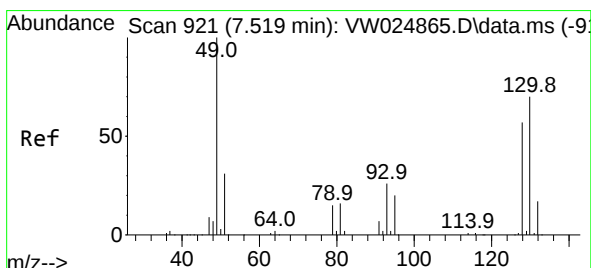
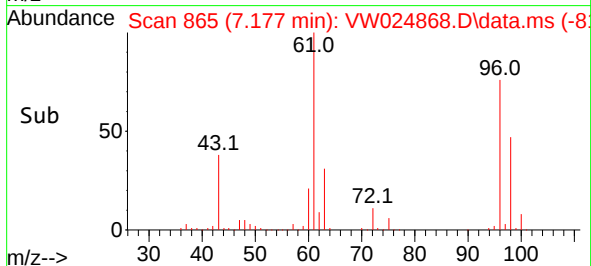
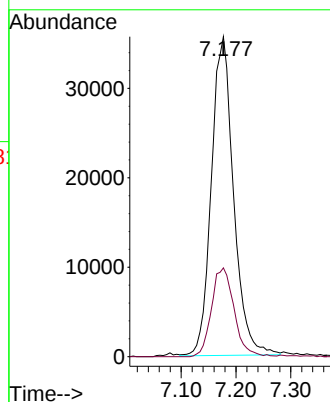
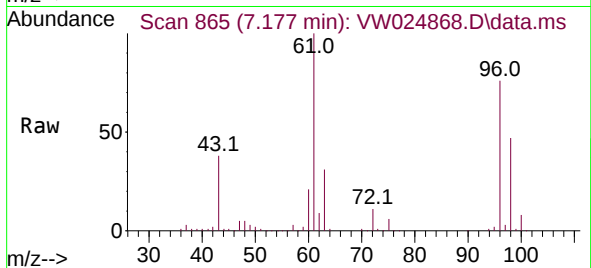




#22
2-Butanone
Concen: 47.424 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

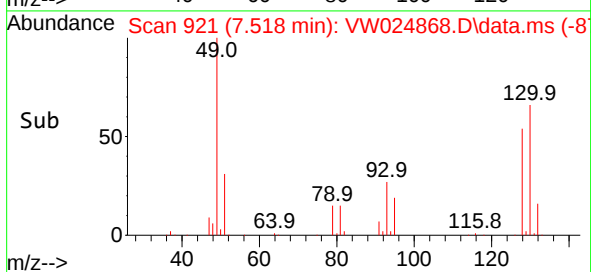
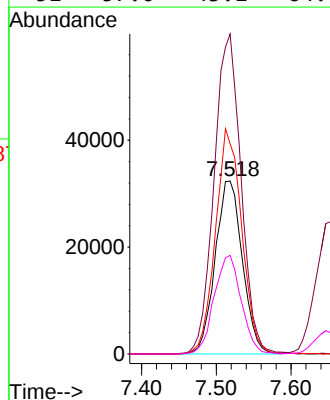
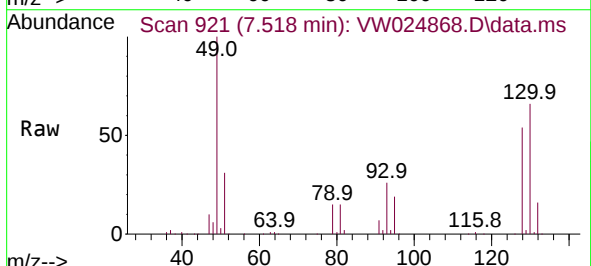
Instrument :
MSVOA_W
ClientSampleId :
VICV460

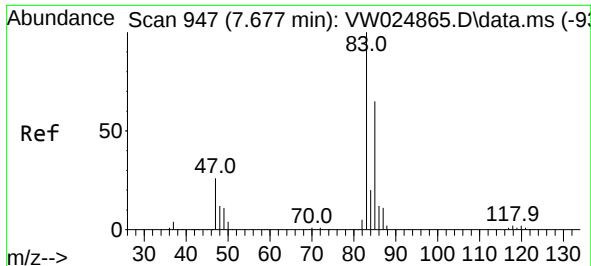
Tgt Ion: 43 Resp: 100342
Ion Ratio Lower Upper
43 100
72 28.1 14.1 42.3



#23
Bromochloromethane
Concen: 25.947 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 128 Resp: 82019
Ion Ratio Lower Upper
128 100
49 185.0 122.7 227.9
130 121.4 86.0 159.8
51 57.0 43.1 64.7

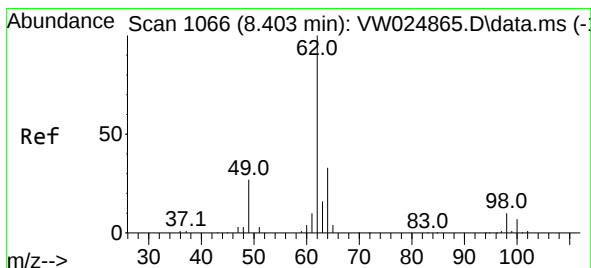
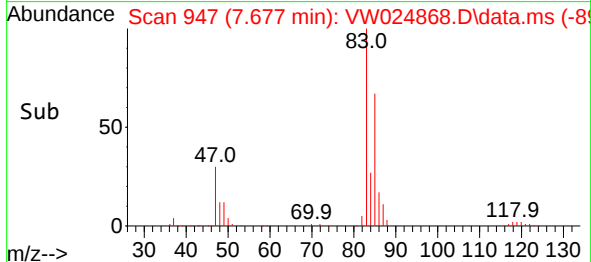
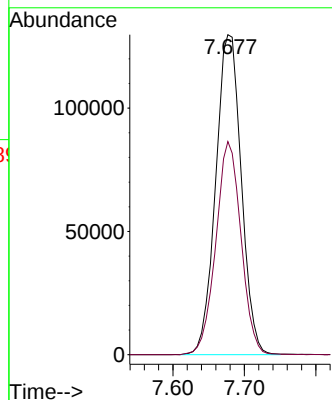
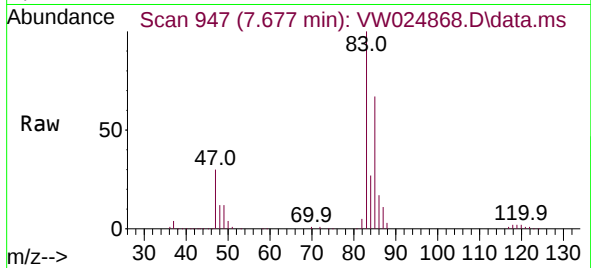




#25
Chloroform
Concen: 24.840 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

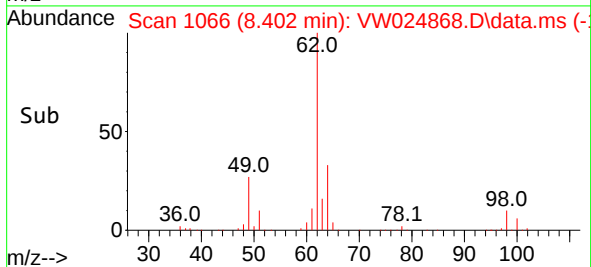
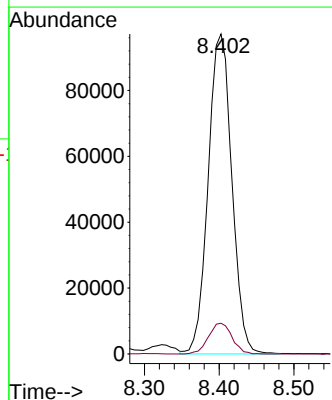
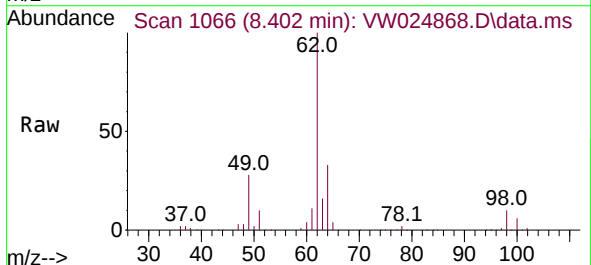
Instrument :
MSVOA_W
ClientSampleId :
VICV460

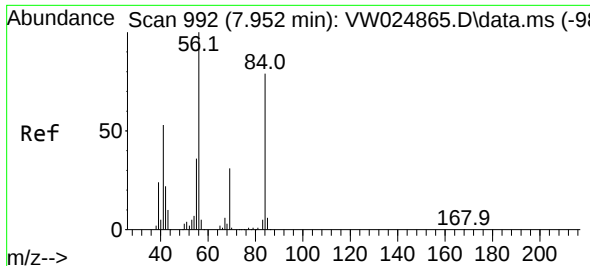
Tgt Ion: 83 Resp: 322547
Ion Ratio Lower Upper
83 100
85 66.6 45.3 84.1



#27
1,2-Dichloroethane
Concen: 25.501 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 62 Resp: 214126
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.6





#29

Cyclohexane

Concen: 24.365 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VICV460

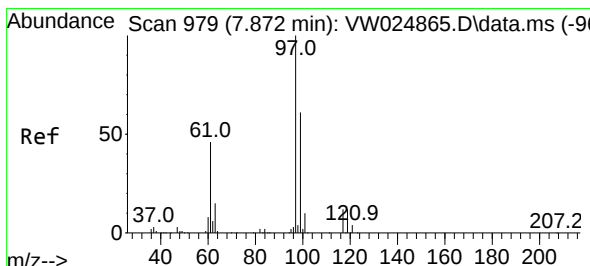
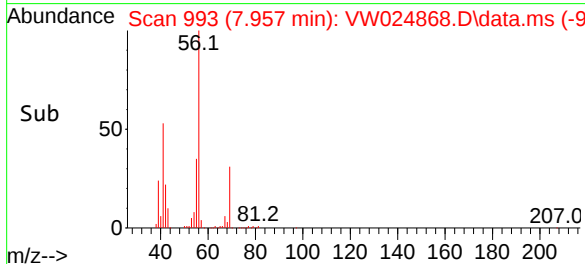
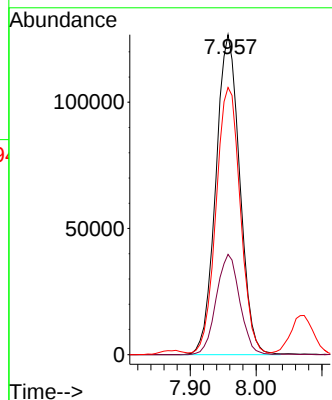
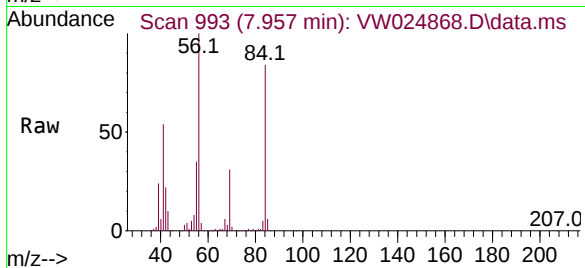
Tgt Ion: 56 Resp: 320754

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 84.8 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 24.611 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

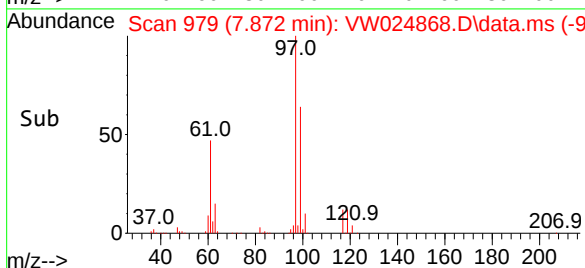
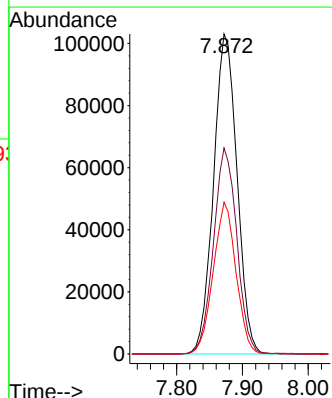
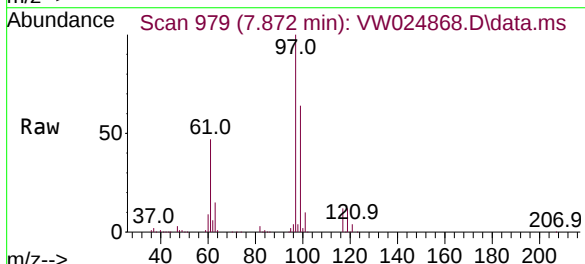
Tgt Ion: 97 Resp: 256563

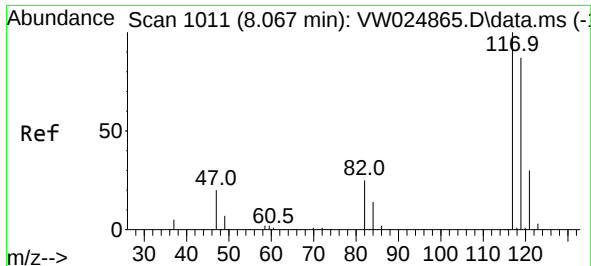
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 45.9 37.3 55.9

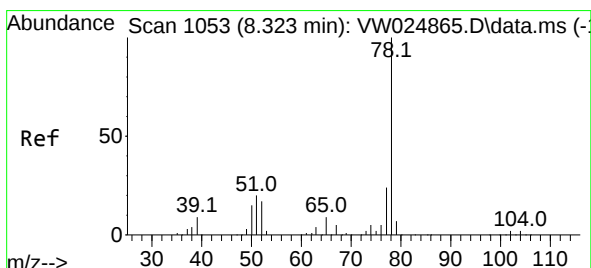
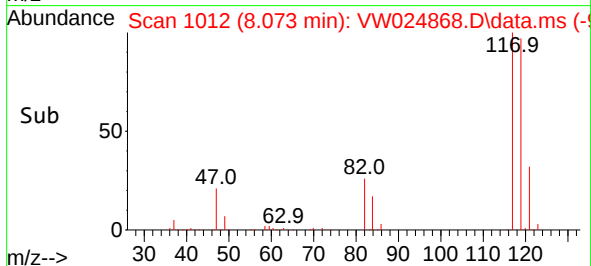
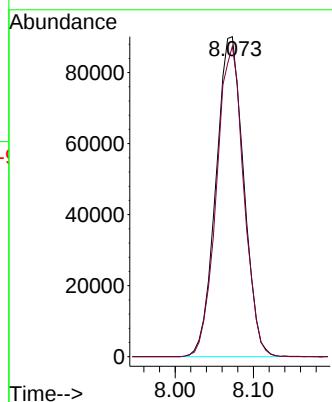
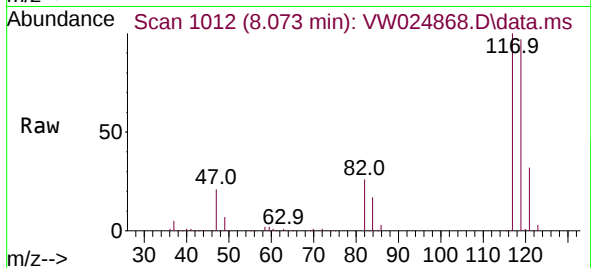




#31
Carbon tetrachloride
Concen: 24.259 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

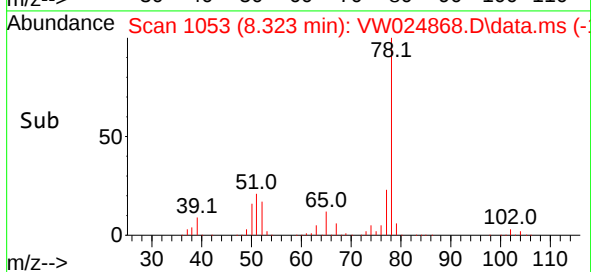
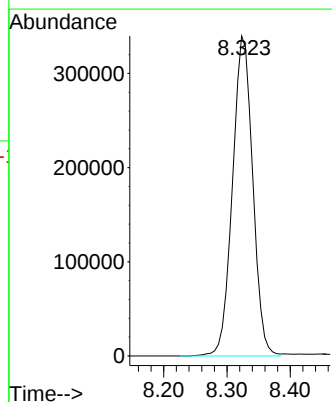
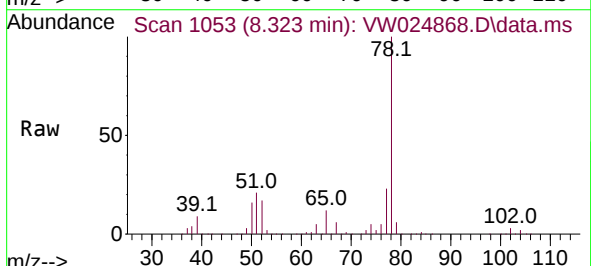
Instrument :
MSVOA_W
ClientSampleId :
VICV460

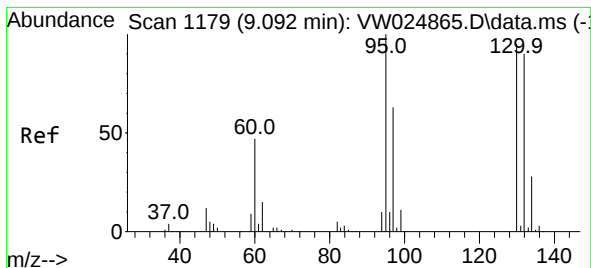
Tgt Ion:117 Resp: 222046
Ion Ratio Lower Upper
117 100
119 95.2 75.1 112.7



#33
Benzene
Concen: 24.506 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 78 Resp: 755740





#34

Trichloroethene

Concen: 24.178 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VICV460

Tgt Ion: 95 Resp: 187777

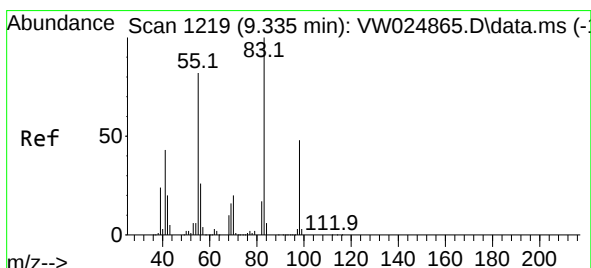
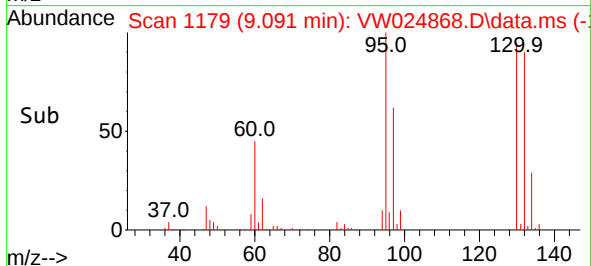
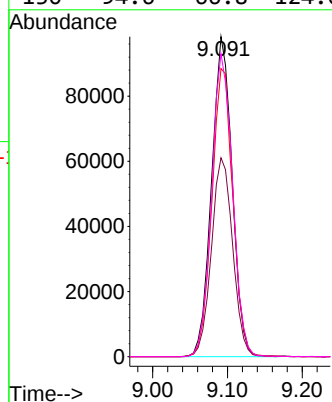
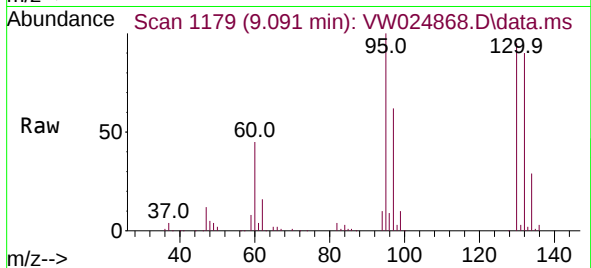
Ion Ratio Lower Upper

95 100

97 62.1 44.2 82.0

132 90.0 62.9 116.7

130 94.6 66.8 124.0



#35

Methylcyclohexane

Concen: 24.376 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

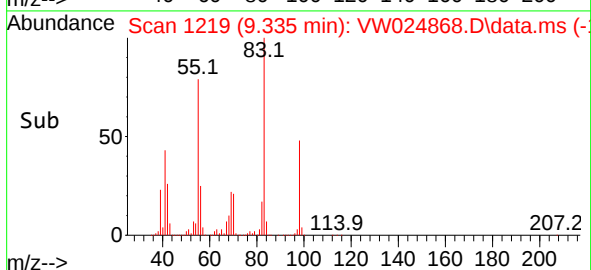
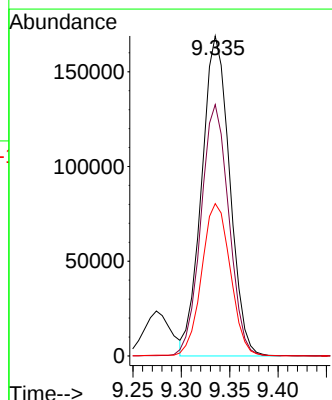
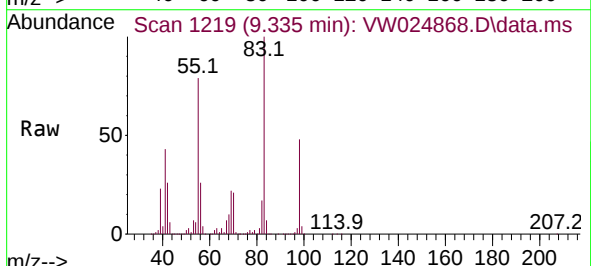
Tgt Ion: 83 Resp: 340703

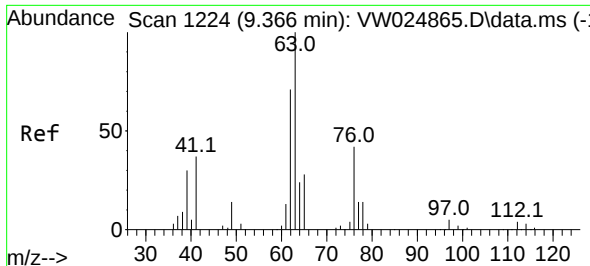
Ion Ratio Lower Upper

83 100

55 77.9 62.5 93.7

98 48.7 37.2 55.8





#37

1,2-Dichloropropane

Concen: 24.550 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

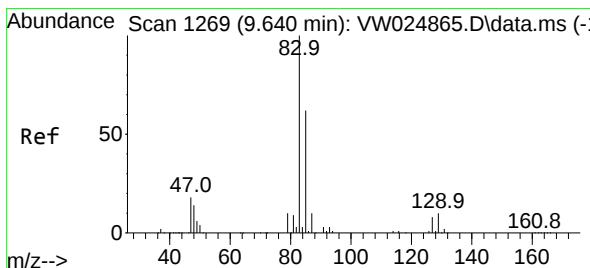
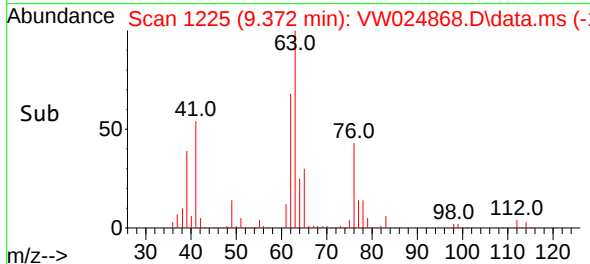
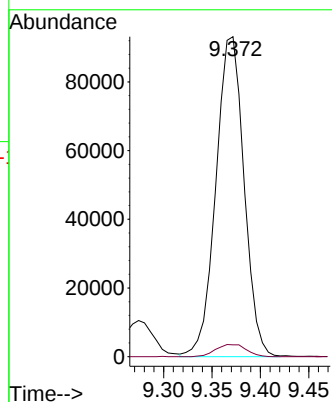
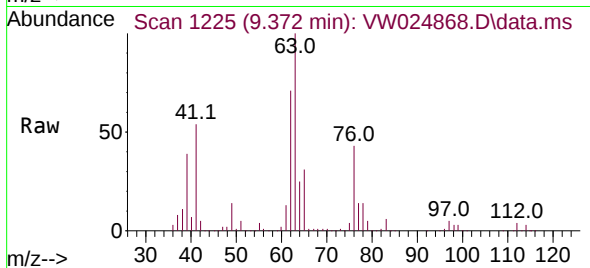
VICV460

Tgt Ion: 63 Resp: 188675

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 24.832 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

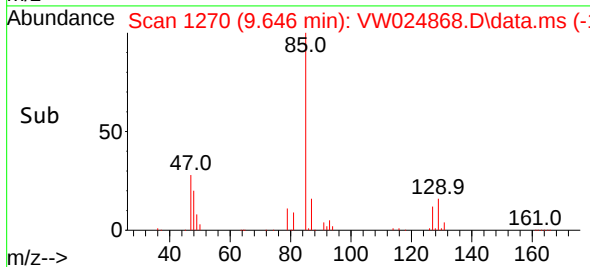
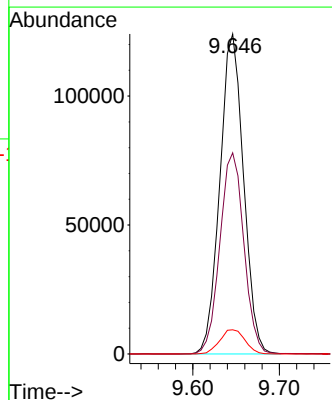
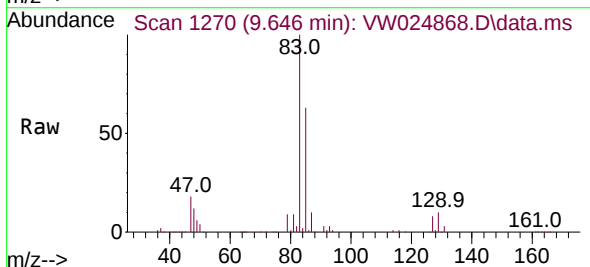
Tgt Ion: 83 Resp: 235806

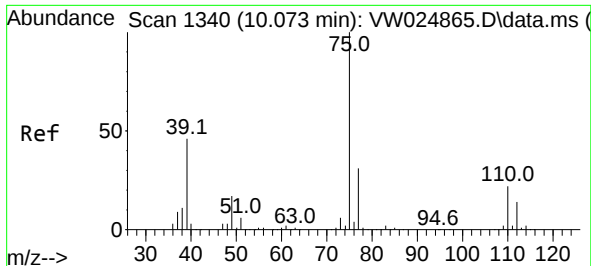
Ion Ratio Lower Upper

83 100

85 62.9 43.6 81.0

127 7.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.540 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

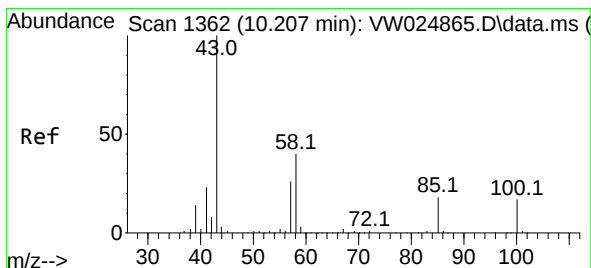
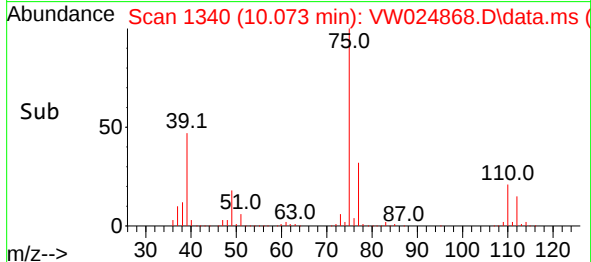
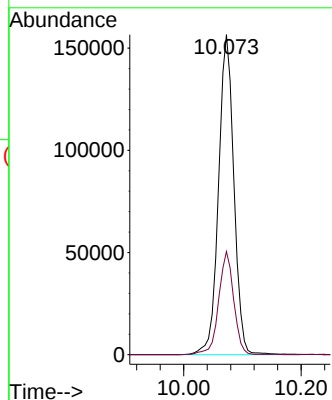
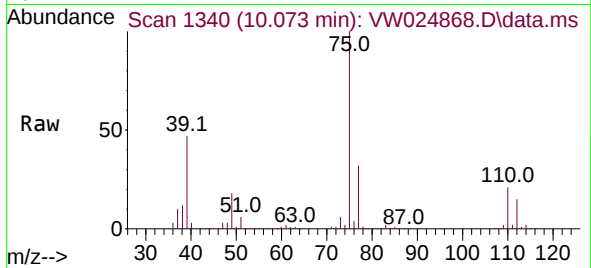
VICV460

Tgt Ion: 75 Resp: 283723

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 49.534 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

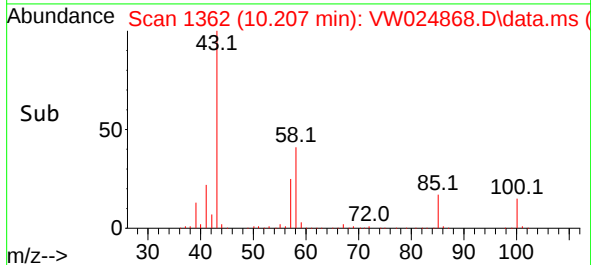
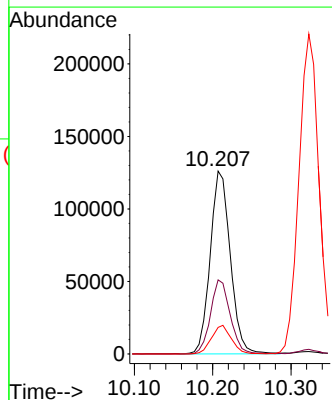
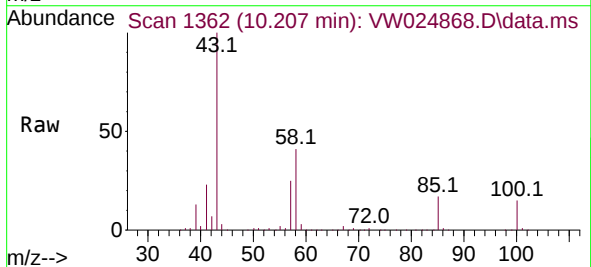
Tgt Ion: 43 Resp: 225005

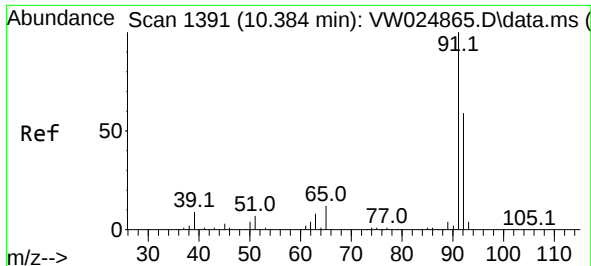
Ion Ratio Lower Upper

43 100

58 39.8 32.1 48.1

100 15.5 12.8 19.2

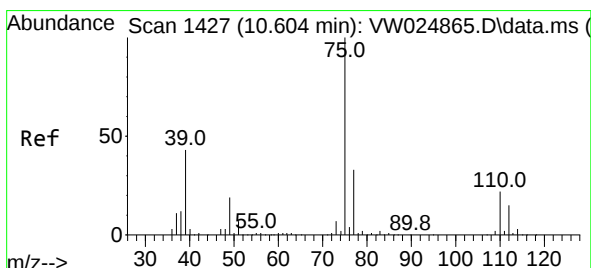
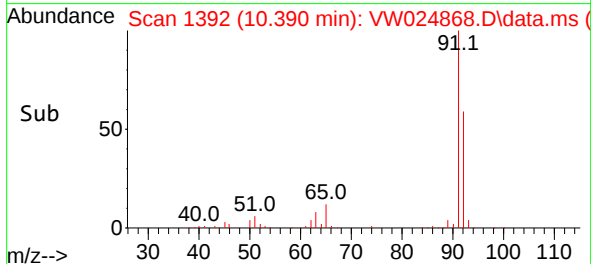
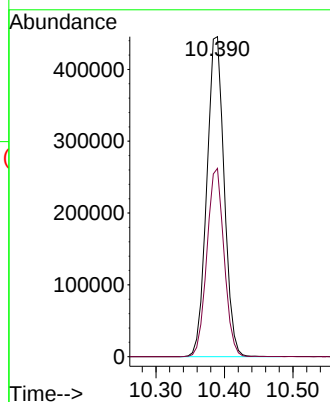
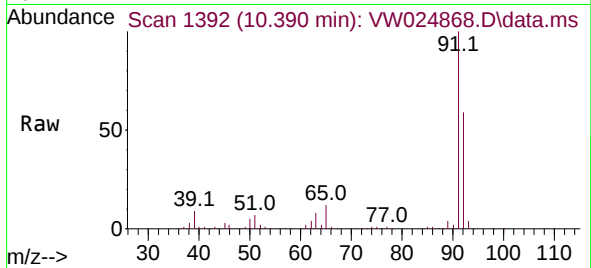




#42
Toluene
Concen: 24.847 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

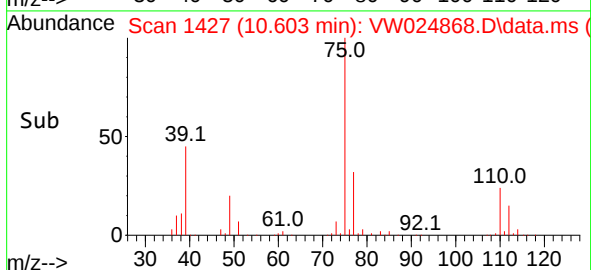
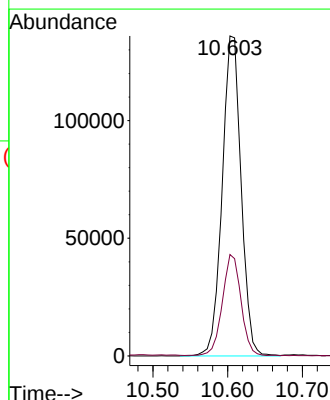
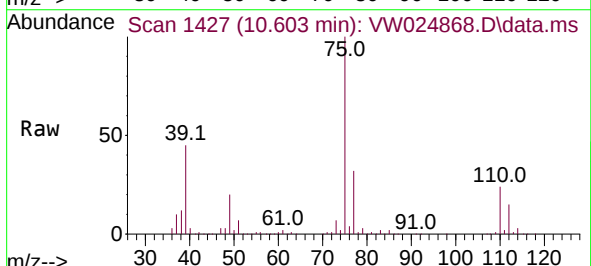
Instrument :
MSVOA_W
ClientSampleId :
VICV460

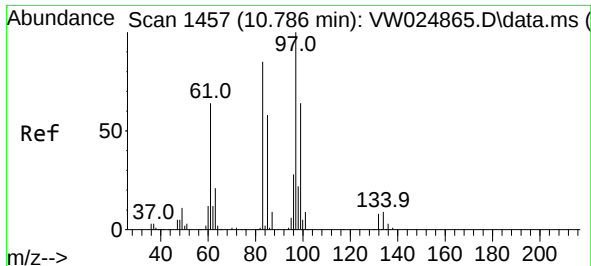
Tgt Ion: 91 Resp: 785622
Ion Ratio Lower Upper
91 100
92 58.9 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 25.980 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 75 Resp: 239612
Ion Ratio Lower Upper
75 100
77 31.7 23.0 42.6



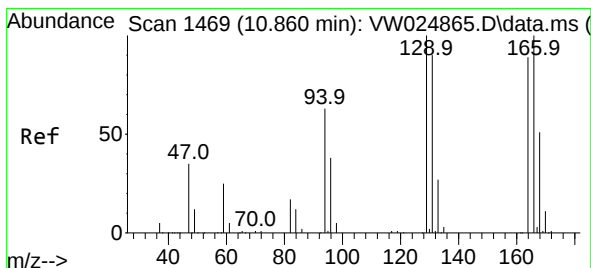
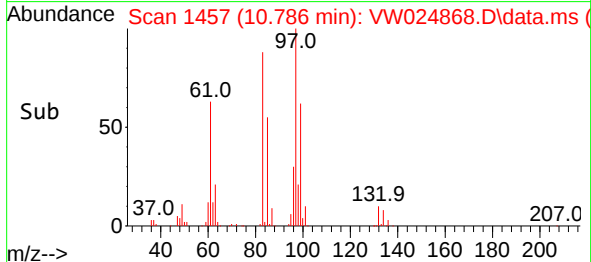
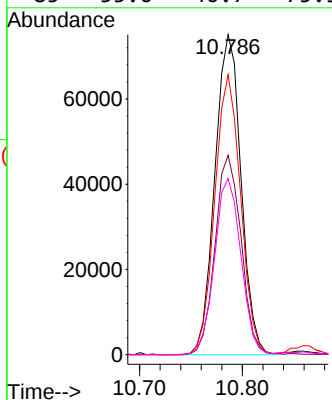
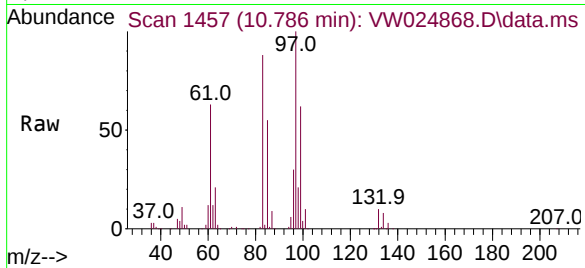


#45
1,1,2-Trichloroethane
Concen: 24.716 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Instrument :
MSVOA_W
ClientSampleId :
VICV460

Tgt Ion: 97 Resp: 132682

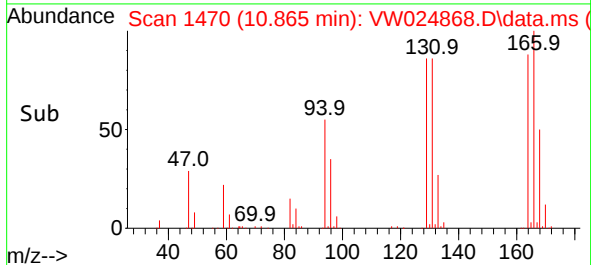
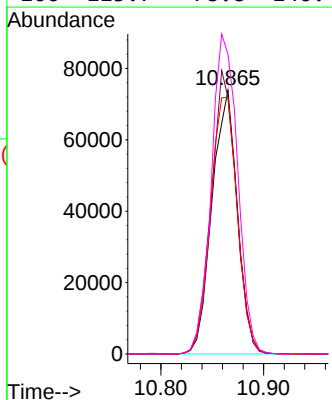
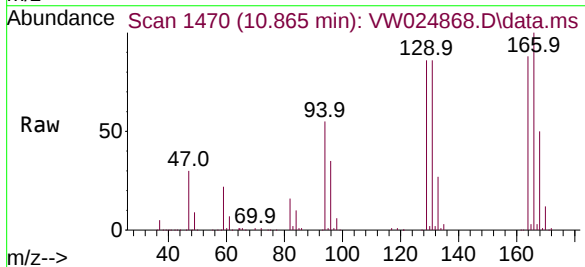
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.7	83.1
83	87.5	59.6	110.8
85	55.0	40.7	75.5

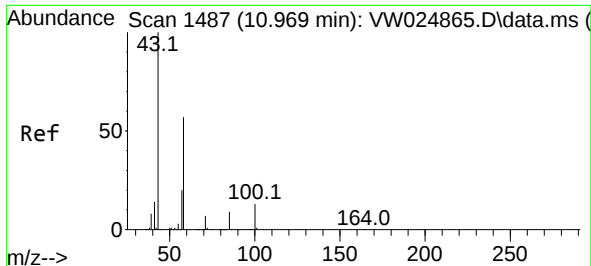


#46
Tetrachloroethene
Concen: 23.862 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion:164 Resp: 126007

Ion	Ratio	Lower	Upper
164	100		
129	97.2	78.7	146.1
131	97.3	71.1	132.1
166	113.7	78.8	146.4



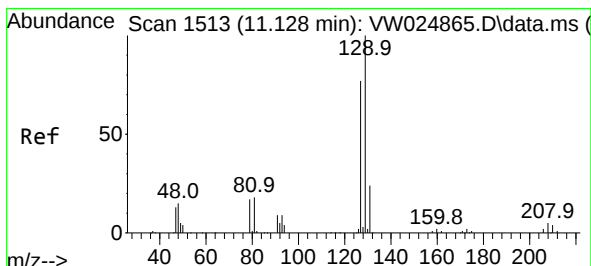
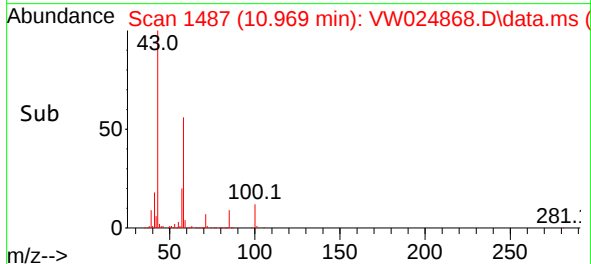
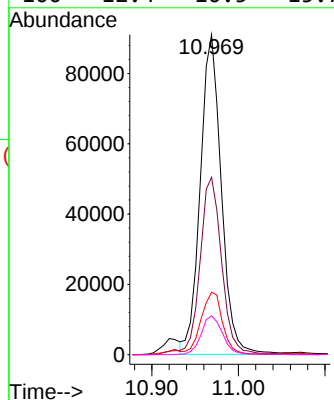
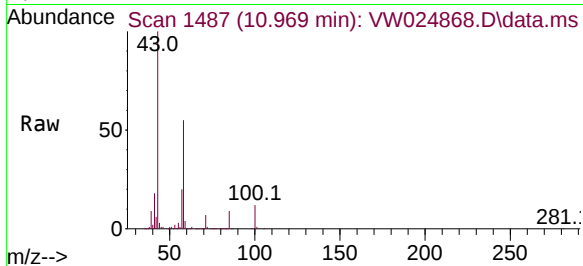


#48
2-Hexanone
Concen: 49.825 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Instrument :
MSVOA_W
ClientSampleId :
VICV460

Tgt Ion: 43 Resp: 153454

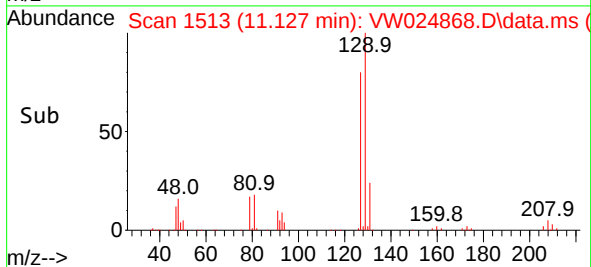
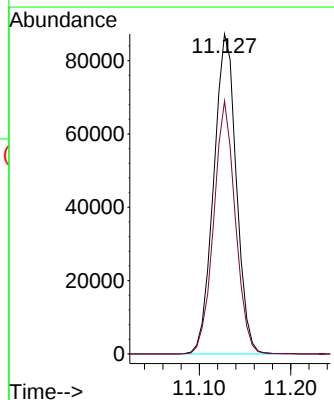
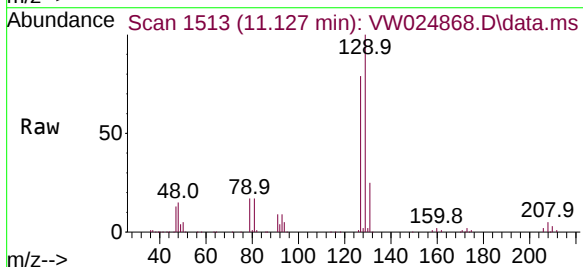
Ion	Ratio	Lower	Upper
43	100		
58	57.4	47.0	70.6
57	20.3	16.0	24.0
100	12.4	10.5	15.7

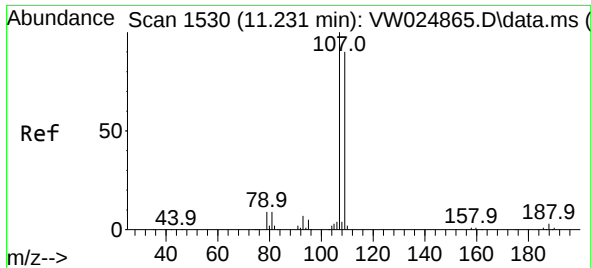


#49
Dibromochloromethane
Concen: 25.250 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 129 Resp: 150054

Ion	Ratio	Lower	Upper
129	100		
127	79.1	53.9	100.1

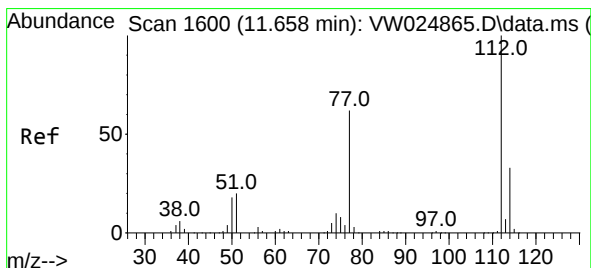
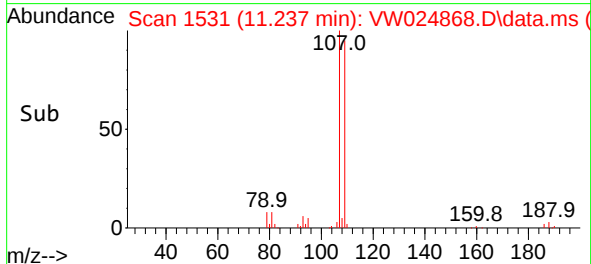
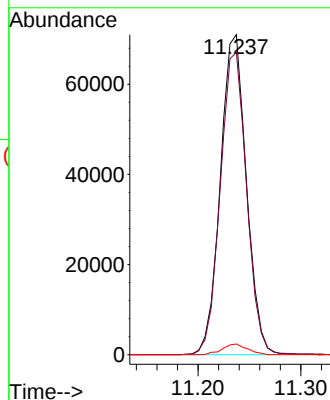
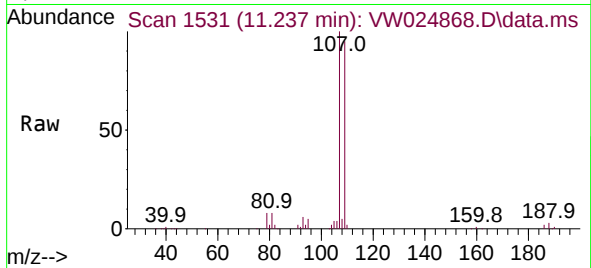




#50
1,2-Dibromoethane
Concen: 24.673 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

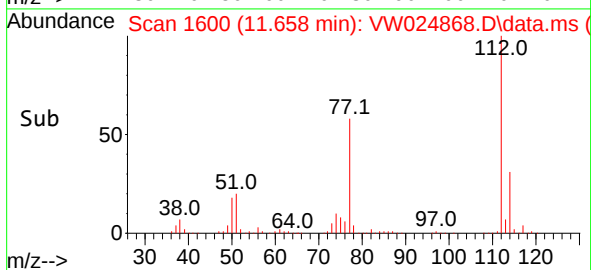
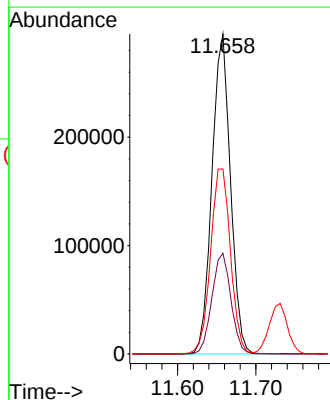
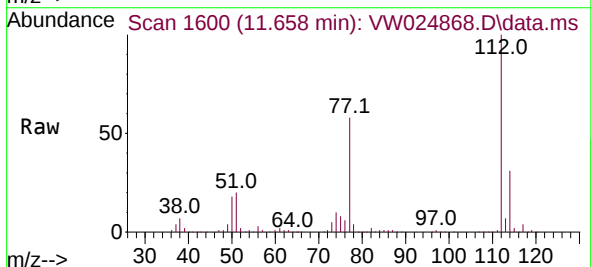
Instrument :
MSVOA_W
ClientSampleId :
VICV460

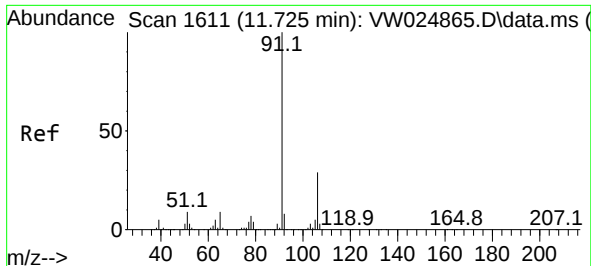
Tgt Ion:107 Resp: 124775
Ion Ratio Lower Upper
107 100
109 94.5 62.8 116.6
188 3.3 2.2 3.2#



#51
Chlorobenzene
Concen: 24.366 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion:112 Resp: 484219
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.3
77 57.8 49.8 74.8

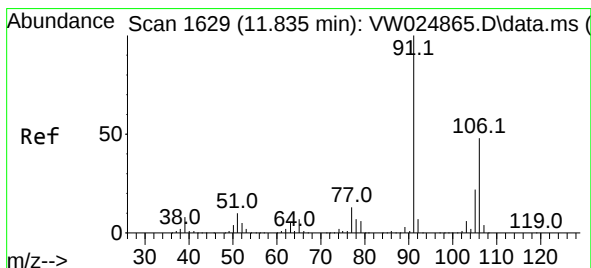
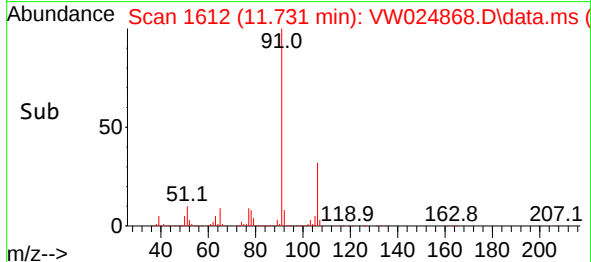
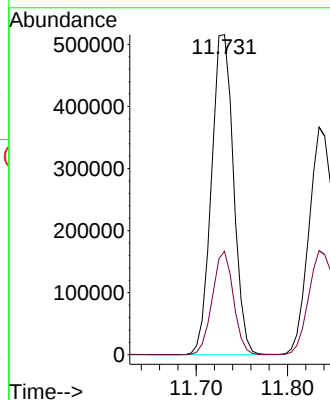
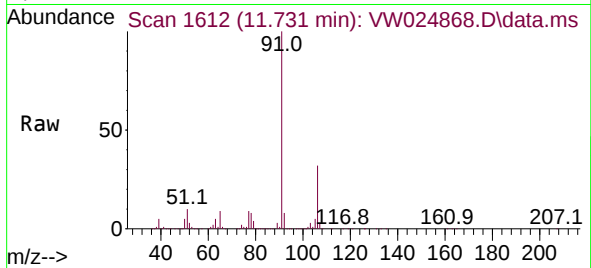




#52
Ethylbenzene
Concen: 24.390 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

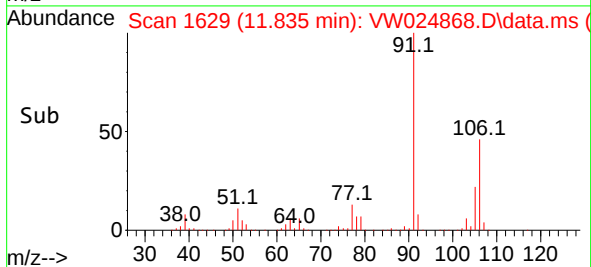
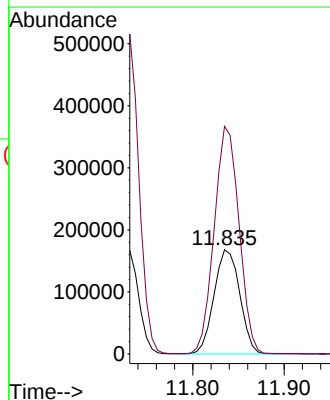
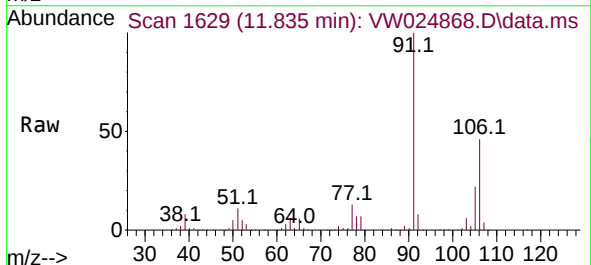
Instrument :
MSVOA_W
ClientSampleId :
VICV460

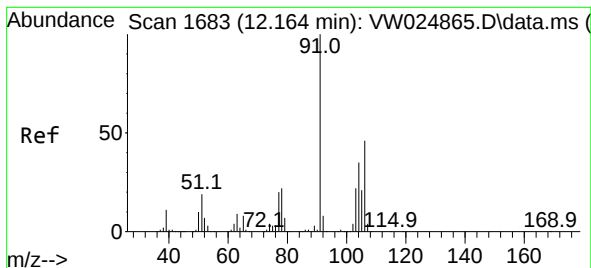
Tgt Ion: 91 Resp: 863538
Ion Ratio Lower Upper
91 100
106 32.3 20.1 37.3



#53
m,p-Xylene
Concen: 24.408 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 106 Resp: 328335
Ion Ratio Lower Upper
106 100
91 218.6 147.4 273.8





#54

o-Xylene

Concen: 24.792 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

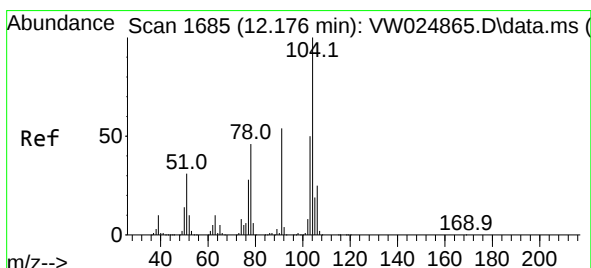
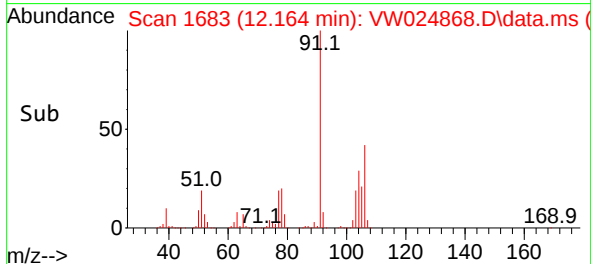
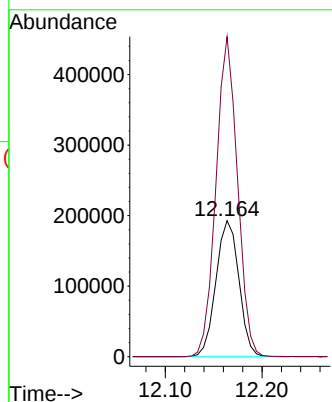
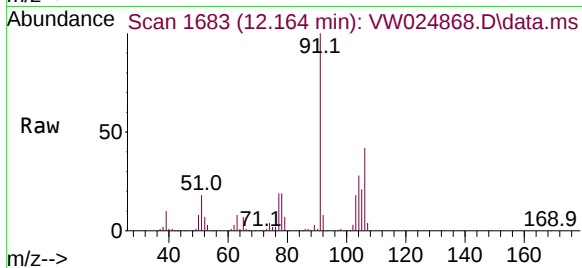
VICV460

Tgt Ion:106 Resp: 317542

Ion Ratio Lower Upper

106 100

91 235.4 151.0 280.4



#55

Styrene

Concen: 25.151 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024868.D

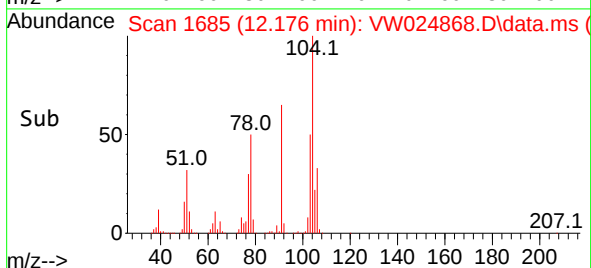
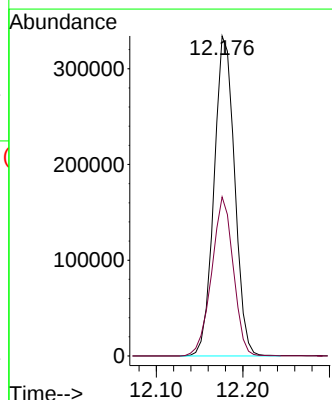
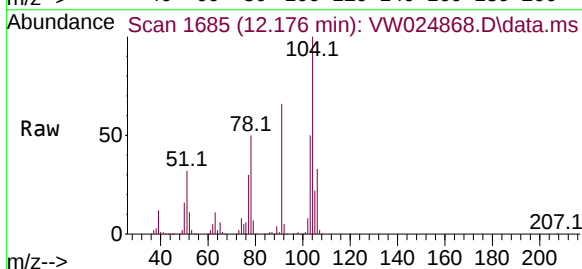
Acq: 12 Oct 2022 12:53

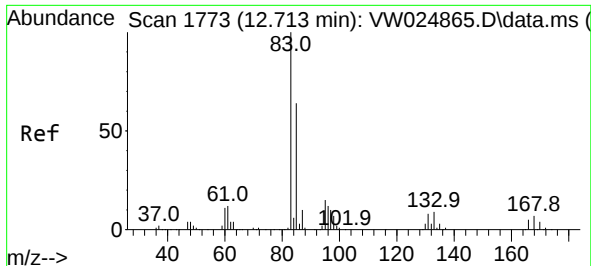
Tgt Ion:104 Resp: 552508

Ion Ratio Lower Upper

104 100

78 49.7 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 24.534 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VICV460

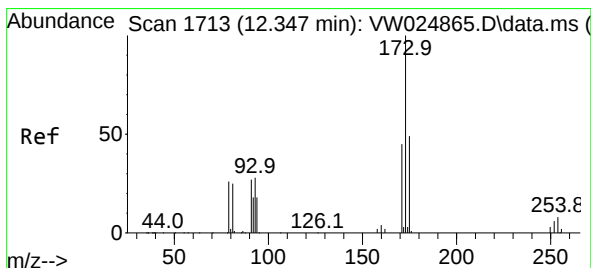
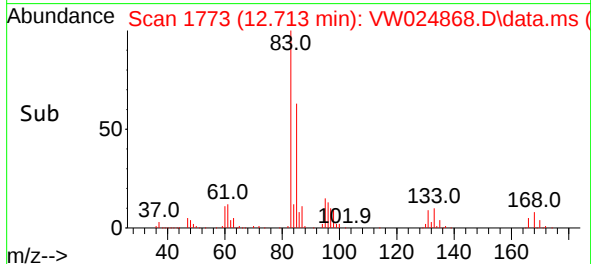
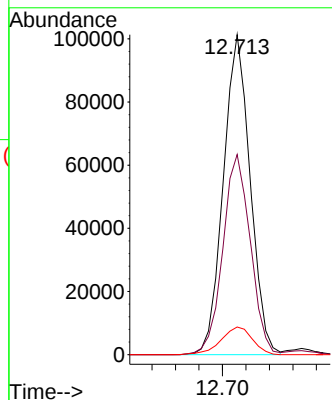
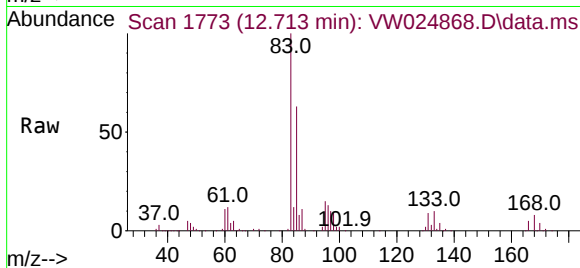
Tgt Ion: 83 Resp: 160689

Ion Ratio Lower Upper

83 100

85 62.5 44.5 82.7

131 8.6 6.8 10.2



#59

Bromoform

Concen: 24.640 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

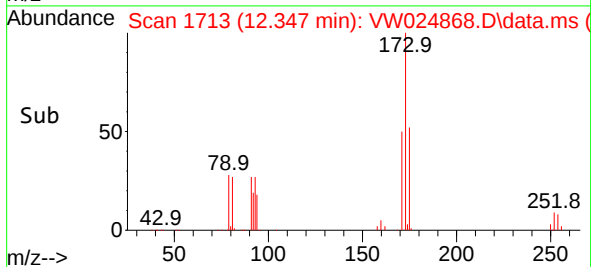
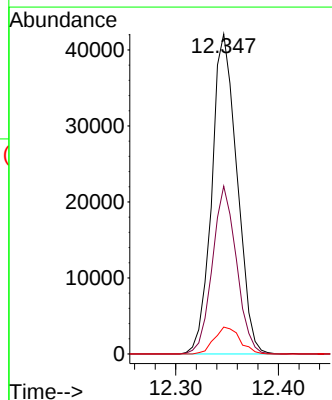
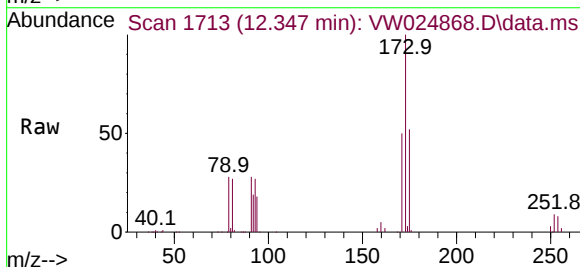
Tgt Ion:173 Resp: 71811

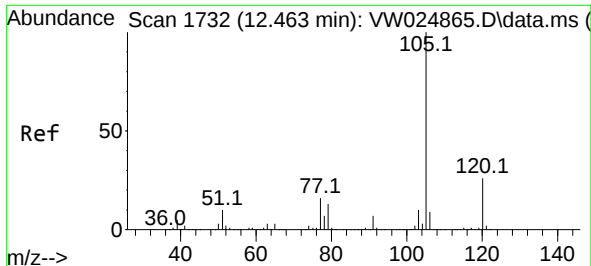
Ion Ratio Lower Upper

173 100

175 50.0 38.6 58.0

254 8.5 4.8 7.2#

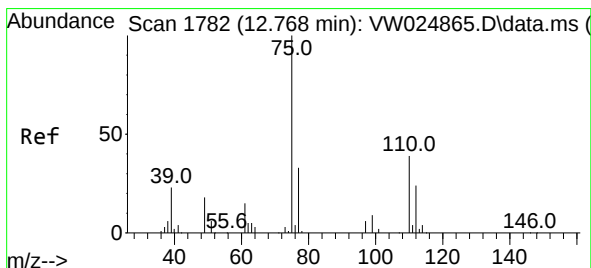
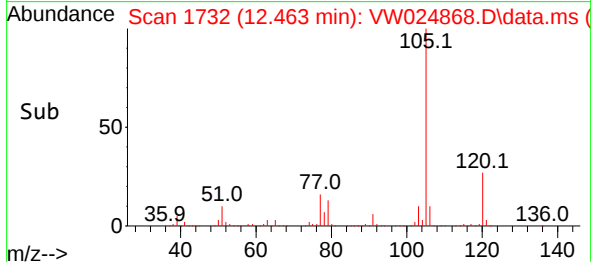
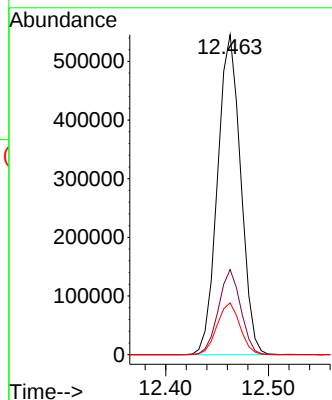
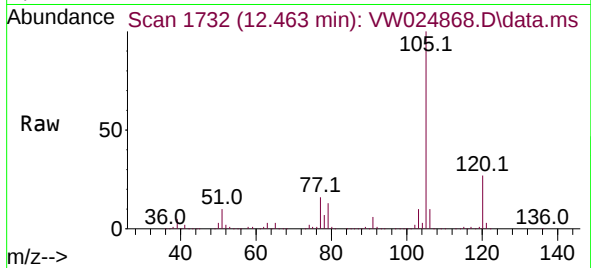




#60
Isopropylbenzene
Concen: 24.272 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

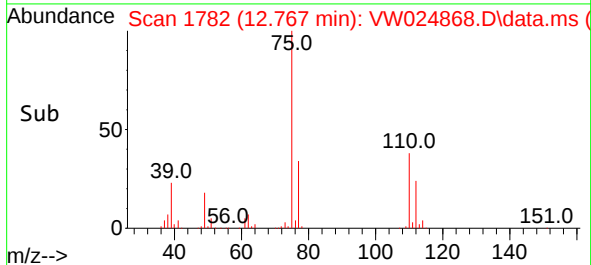
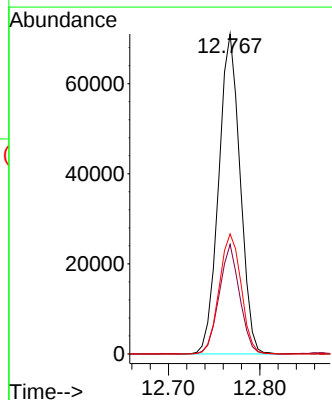
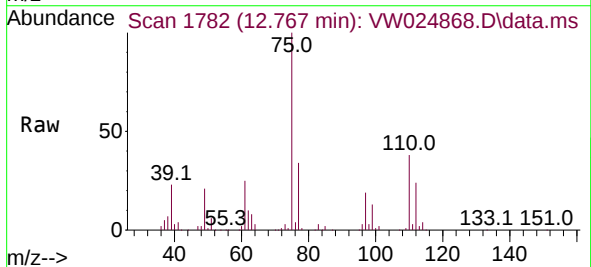
Instrument :
MSVOA_W
ClientSampleId :
VICV460

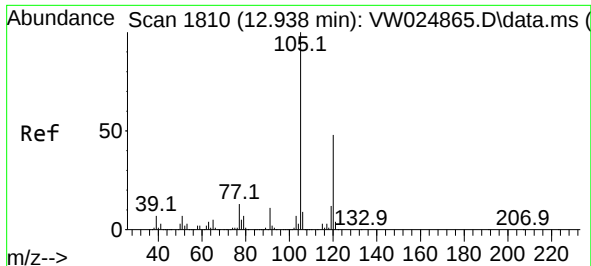
Tgt Ion:105 Resp: 852776
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.210 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion: 75 Resp: 115944
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 38.4 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 24.685 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

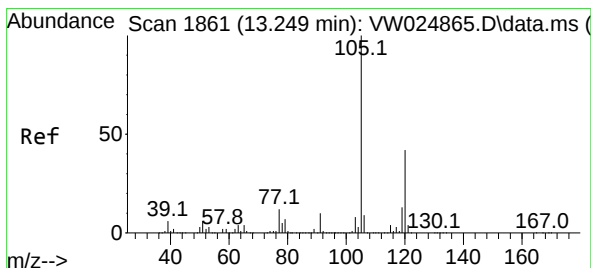
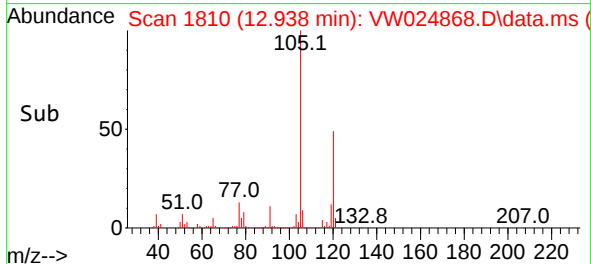
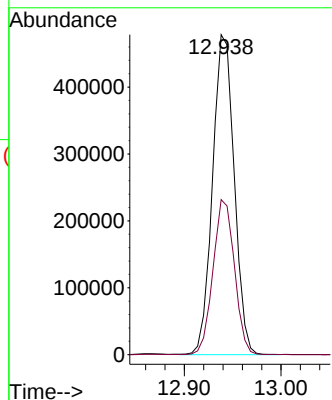
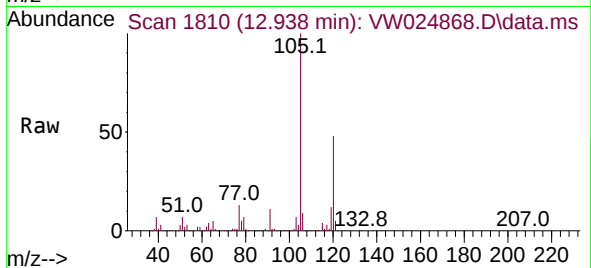
VICV460

Tgt Ion:105 Resp: 744611

Ion Ratio Lower Upper

105 100

120 47.9 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 25.383 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024868.D

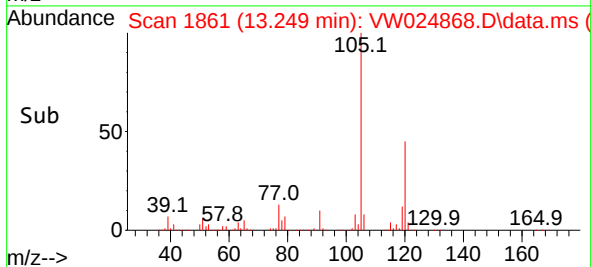
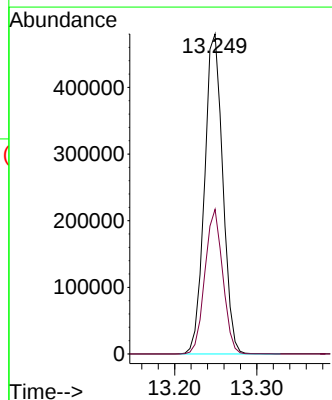
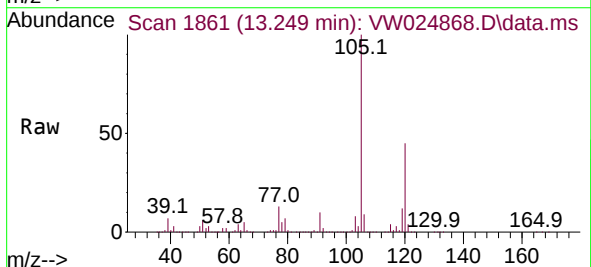
Acq: 12 Oct 2022 12:53

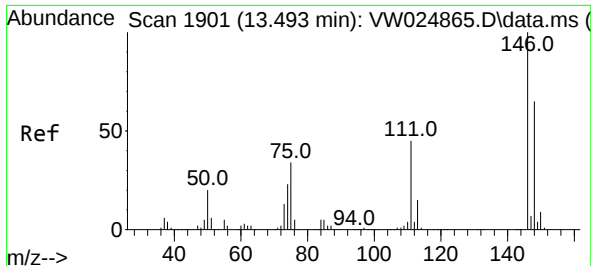
Tgt Ion:105 Resp: 738231

Ion Ratio Lower Upper

105 100

120 44.3 34.8 52.2

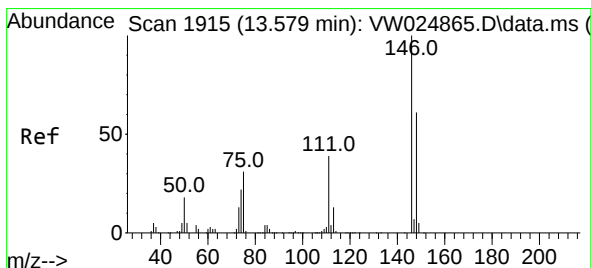
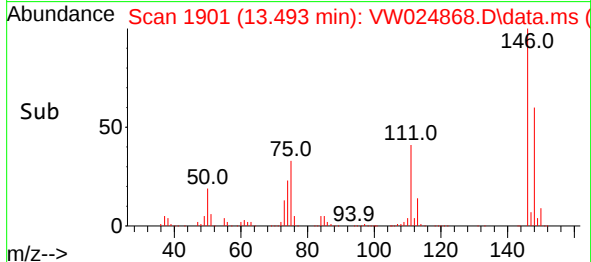
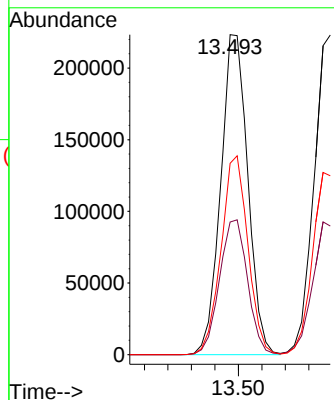
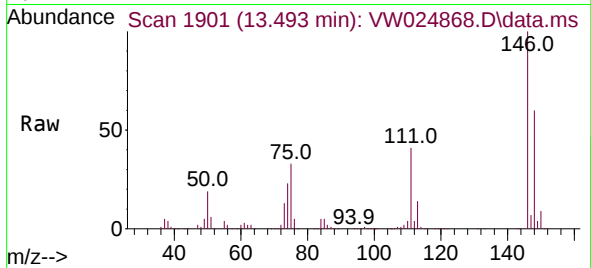




#64
1,3-Dichlorobenzene
Concen: 25.016 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

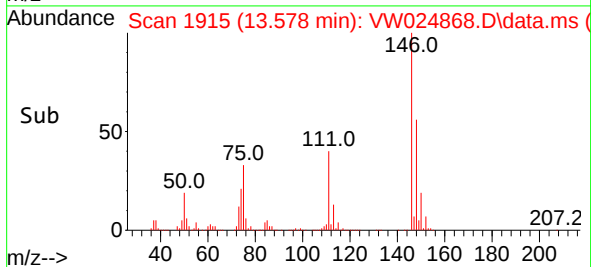
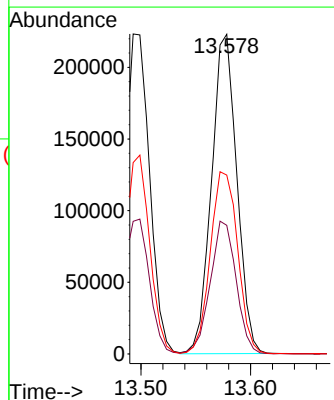
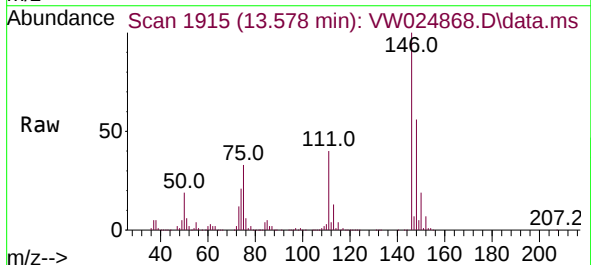
Instrument :
MSVOA_W
ClientSampleId :
VICV460

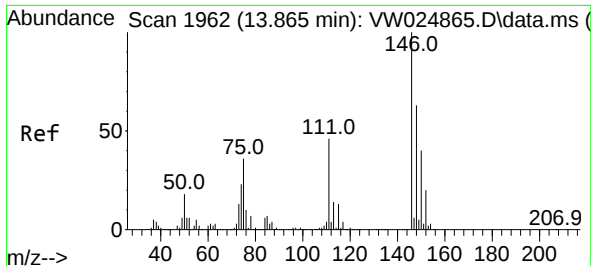
Tgt Ion:146 Resp: 357940
Ion Ratio Lower Upper
146 100
111 41.5 31.7 58.9
148 59.8 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 24.738 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion:146 Resp: 358288
Ion Ratio Lower Upper
146 100
111 40.2 27.4 50.8
148 56.0 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 25.067 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VICV460

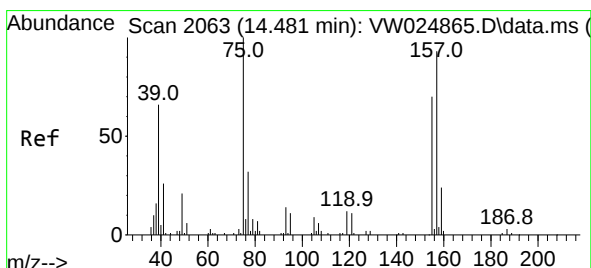
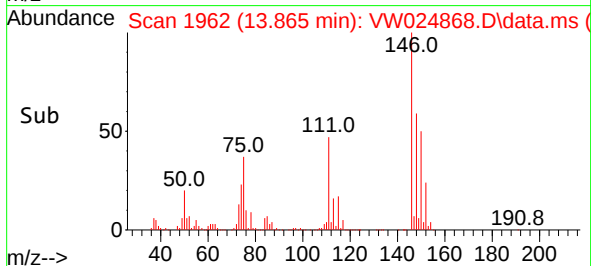
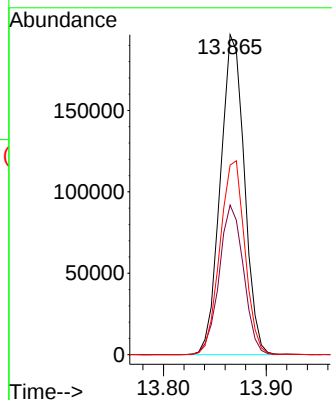
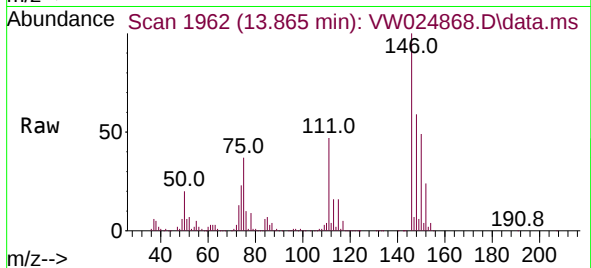
Tgt Ion:146 Resp: 318800

Ion Ratio Lower Upper

146 100

111 46.7 36.9 55.3

148 59.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.541 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

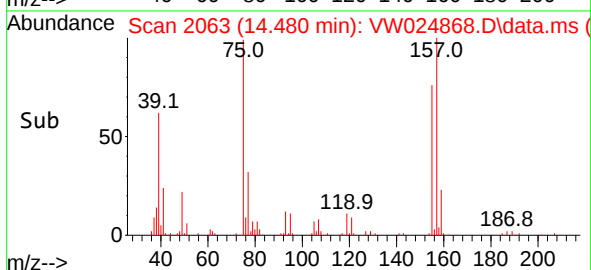
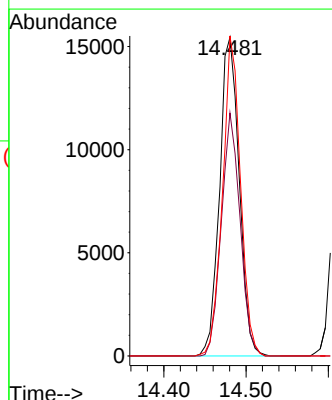
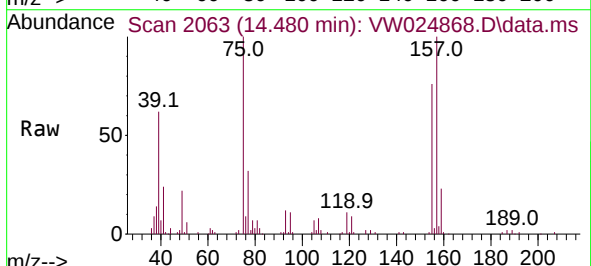
Tgt Ion: 75 Resp: 25546

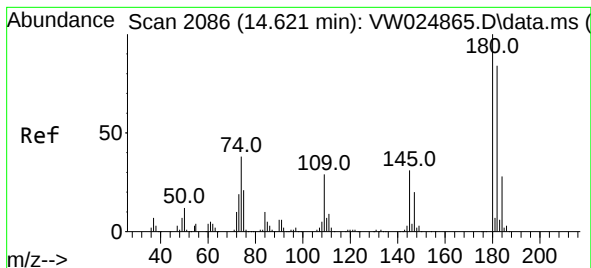
Ion Ratio Lower Upper

75 100

155 76.3 56.2 84.4

157 100.4 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 25.278 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VICV460

Tgt Ion:180 Resp: 236150

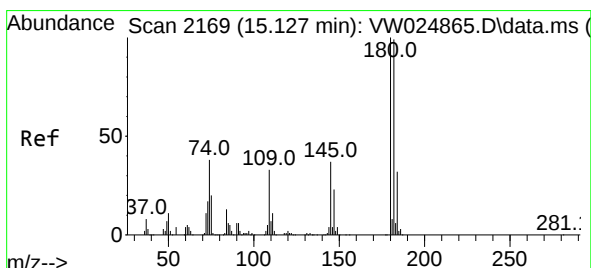
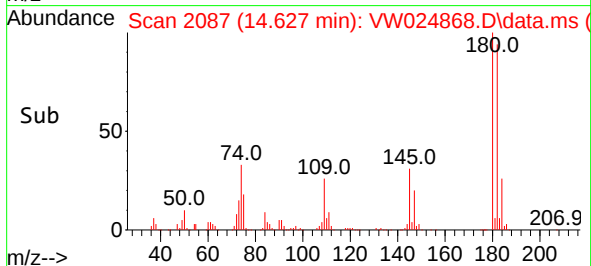
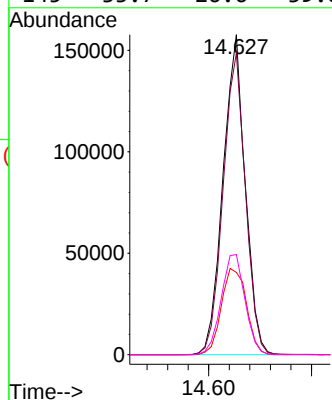
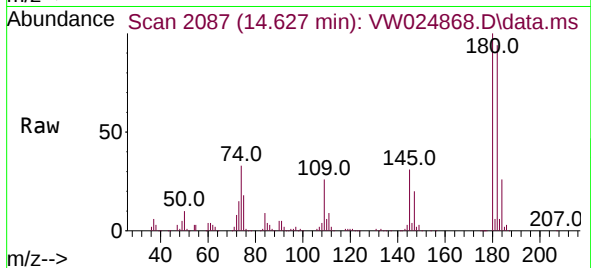
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

184 30.4 22.9 34.3

145 33.7 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 25.449 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024868.D

Acq: 12 Oct 2022 12:53

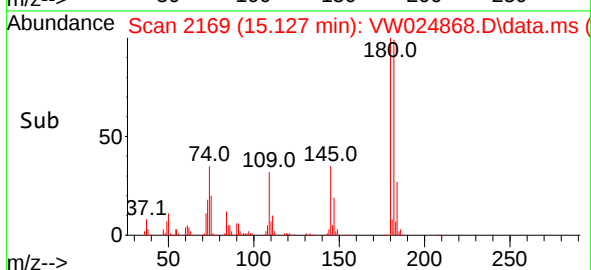
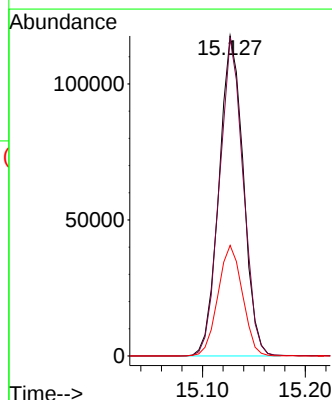
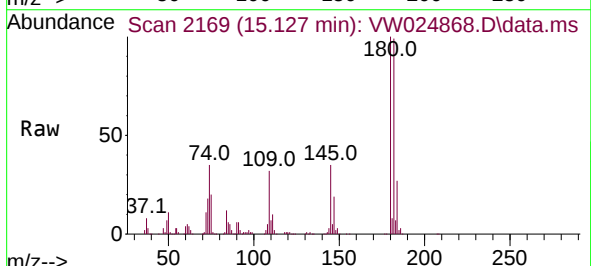
Tgt Ion:180 Resp: 192897

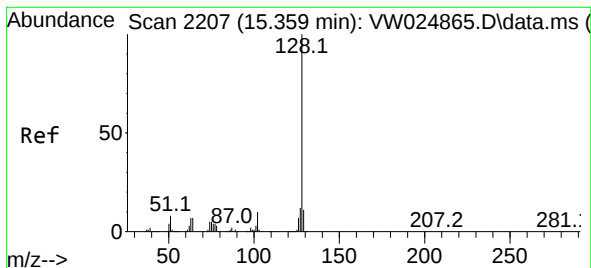
Ion Ratio Lower Upper

180 100

182 97.2 77.7 116.5

145 34.8 29.0 43.4

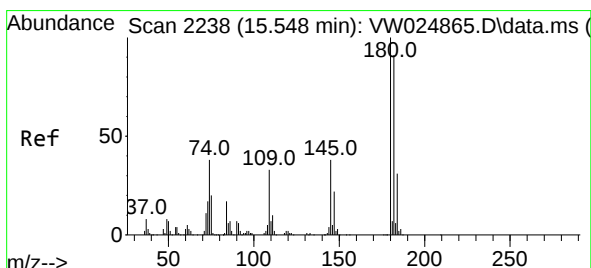
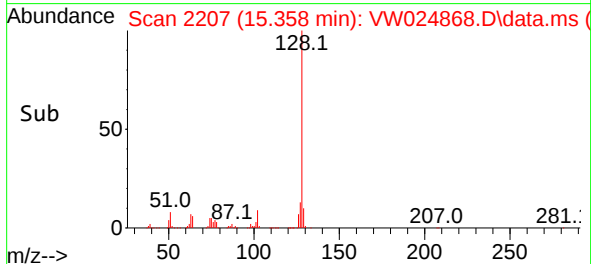
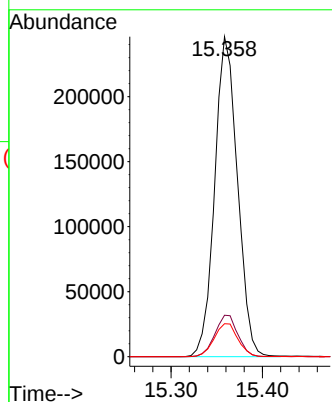
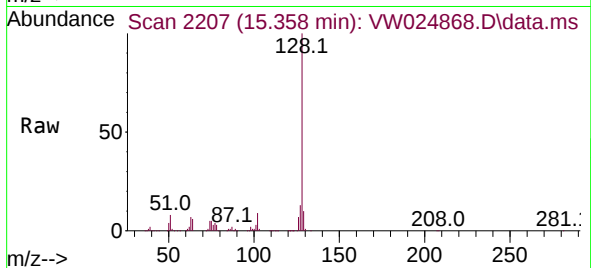




#71
Naphthalene
Concen: 25.958 ug/L
RT: 15.358 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Instrument :
MSVOA_W
ClientSampleId :
VICV460

Tgt Ion:128 Resp: 426309
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 25.383 ug/L
RT: 15.547 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW024868.D
Acq: 12 Oct 2022 12:53

Tgt Ion:180 Resp: 164217
Ion Ratio Lower Upper
180 100
182 95.8 75.1 112.7
145 37.2 29.9 44.9

