

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111822\
 Data File : VW025104.D
 Acq On : 18 Nov 2022 17:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 19 04:34:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 23:58:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	405040	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	367956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	93947	20.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
7) Chloroethane-d5	2.892	69	73232	27.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	4.025	63	244568	21.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.400%
21) 2-Butanone-d5	7.080	46	87619	57.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.200%
24) Chloroform-d	7.653	84	313748	25.524	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.080%
26) 1,2-Dichloroethane-d4	8.305	65	158099	22.977	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.920%
32) Benzene-d6	8.275	84	594235	25.196	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.275	67	186700	27.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.080%
41) Toluene-d8	10.323	98	528865	24.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	10.579	79	71619	23.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.480%
47) 2-Hexanone-d5	10.927	63	68790	57.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	156536	28.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	176190	24.702	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	19984	14.792	ug/L	93
3) Chloromethane	2.221	50	87604	26.960	ug/L	97
5) Vinyl chloride	2.367	62	125983	28.060	ug/L	93
6) Bromomethane	2.788	94	57645	25.728	ug/L	96
8) Chloroethane	2.928	64	56903	30.383	ug/L	96
9) Trichlorofluoromethane	3.263	101	94889	25.194	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	139736	26.200	ug/L	99
12) 1,1-Dichloroethene	4.044	96	127815	25.439	ug/L	87
13) Acetone	4.123	43	56936	52.234	ug/L	97
14) Carbon disulfide	4.391	76	325876	22.203	ug/L	97
15) Methyl Acetate	4.672	43	55883	25.751	ug/L	98
16) Methylene chloride	4.922	84	150394	20.912	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	136182	25.312	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	224136	24.836	ug/L	98
19) 1,1-Dichloroethane	6.220	63	265703	26.675	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	154356	26.323	ug/L	100
22) 2-Butanone	7.171	43	78878	48.299	ug/L	100
23) Bromochloromethane	7.519	128	66236	26.056	ug/L	95
25) Chloroform	7.677	83	275585	26.215	ug/L	97

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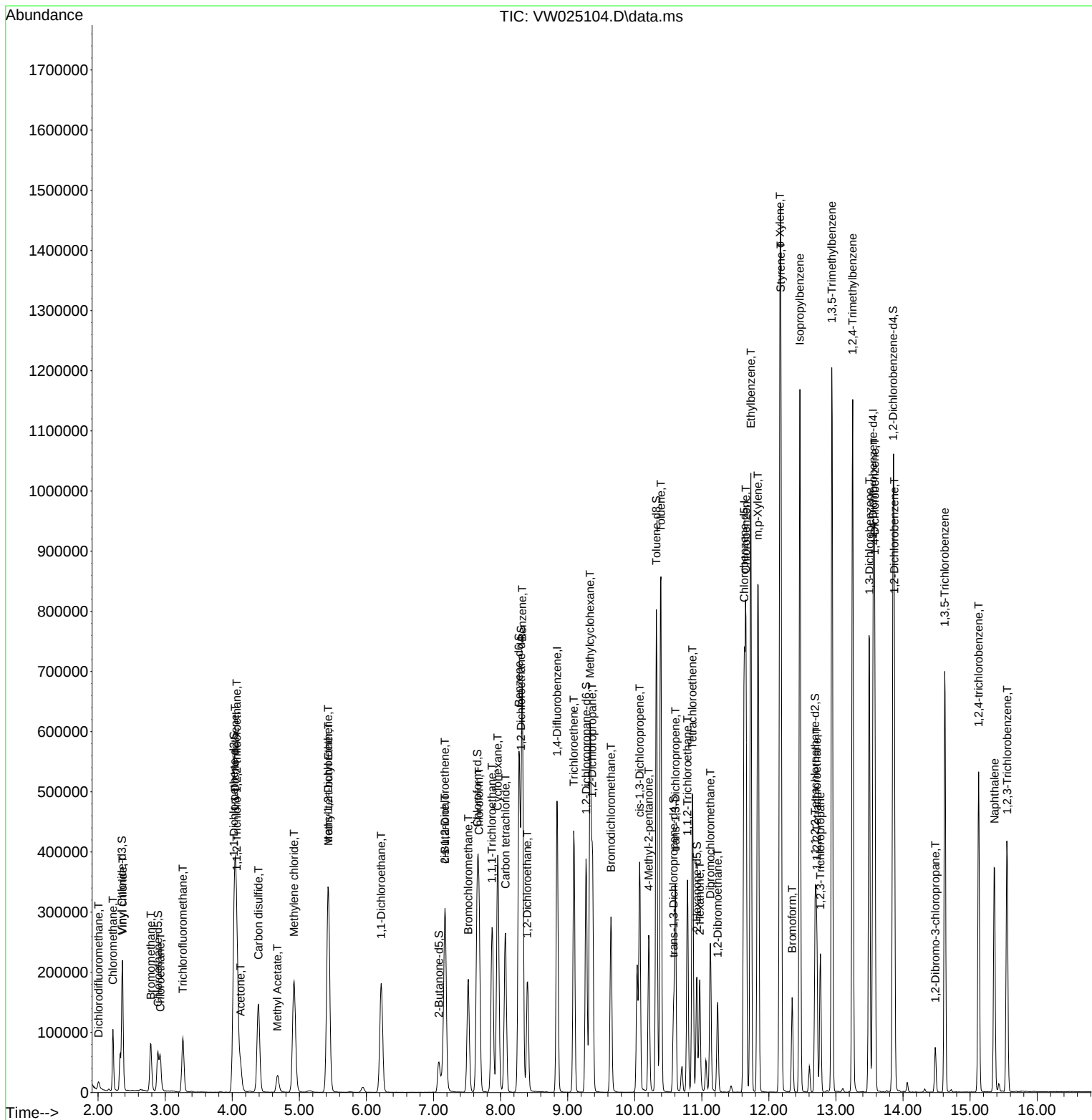
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 ClientSampleId :

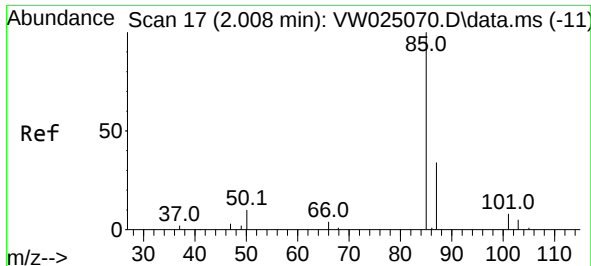
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 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 23:58:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	170303	23.884	ug/L	97
29) Cyclohexane	7.958	56	227606	26.197	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	229140	25.447	ug/L	98
31) Carbon tetrachloride	8.074	117	202544	25.173	ug/L	98
33) Benzene	8.323	78	594349	26.823	ug/L	100
34) Trichloroethene	9.092	95	155037	26.431	ug/L	99
35) Methylcyclohexane	9.336	83	258654	25.951	ug/L	99
37) 1,2-Dichloropropane	9.366	63	151667	28.201	ug/L	100
38) Bromodichloromethane	9.646	83	199945	26.638	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	232004	27.288	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	167123	52.955	ug/L	99
42) Toluene	10.390	91	642652	27.319	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	195611	25.880	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	110534	27.221	ug/L	99
46) Tetrachloroethene	10.860	164	109424	26.085	ug/L	95
48) 2-Hexanone	10.969	43	115937	53.119	ug/L	99
49) Dibromochloromethane	11.128	129	132371	26.743	ug/L	99
50) 1,2-Dibromoethane	11.238	107	102078	26.580	ug/L	97
51) Chlorobenzene	11.658	112	404531	26.530	ug/L	98
52) Ethylbenzene	11.731	91	722507	26.608	ug/L	97
53) m,p-Xylene	11.835	106	280414	26.678	ug/L	99
54) o-Xylene	12.164	106	266188	26.844	ug/L	97
55) Styrene	12.176	104	460631	26.745	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	132084	27.115	ug/L #	97
59) Bromoform	12.347	173	67345	25.654	ug/L	97
60) Isopropylbenzene	12.463	105	746528	26.753	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95737	25.675	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	639505	26.401	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	631621	26.591	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	314552	27.028	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	293947	25.312	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	278319	26.597	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19887	23.078	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	202985	26.333	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	157633	26.310	ug/L	99
71) Naphthalene	15.365	128	322106	25.485	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	135385	25.934	ug/L	100

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

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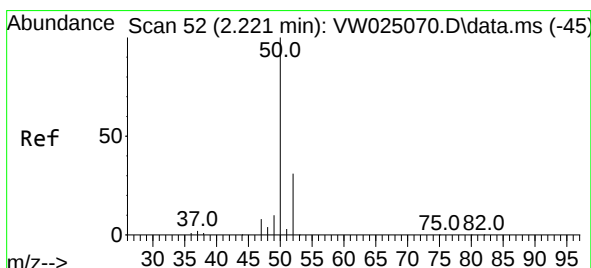
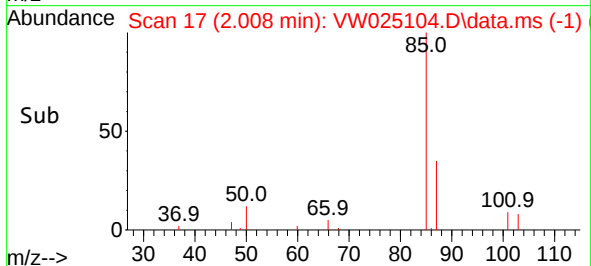
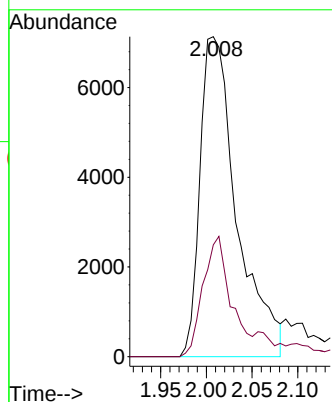
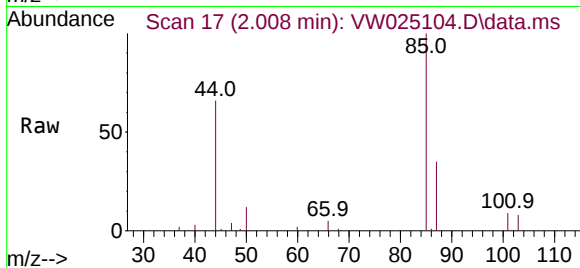




#2
Dichlorodifluoromethane
Concen: 14.792 ug/L
RT: 2.008 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

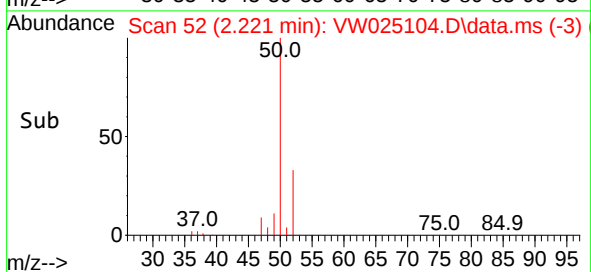
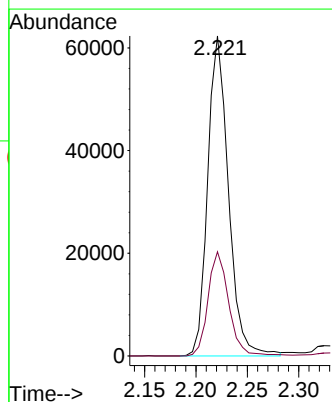
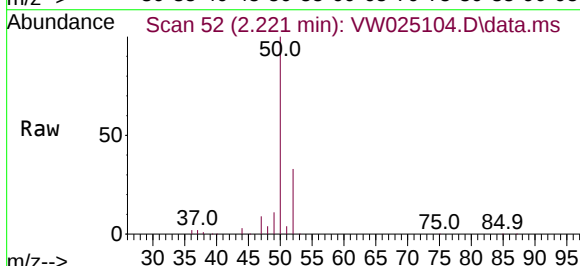
Instrument :
MSVOA_W
ClientSampleId :

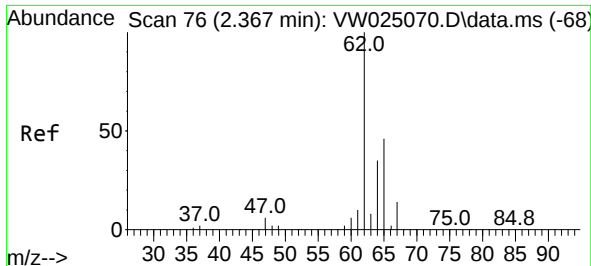
Tgt Ion: 85 Resp: 19984
Ion Ratio Lower Upper
85 100
87 28.6 25.9 38.9



#3
Chloromethane
Concen: 26.960 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion: 50 Resp: 87604
Ion Ratio Lower Upper
50 100
52 32.6 24.1 44.8

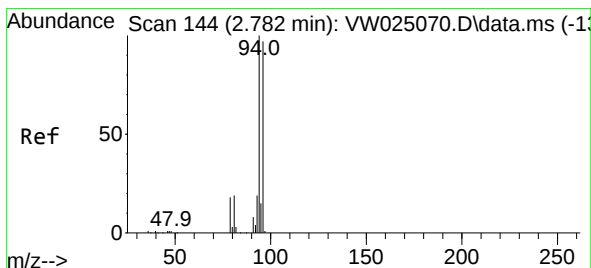
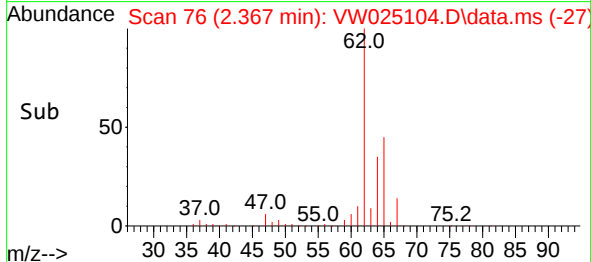
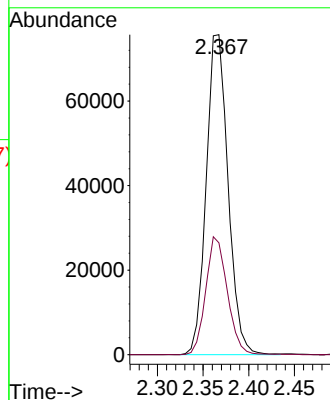
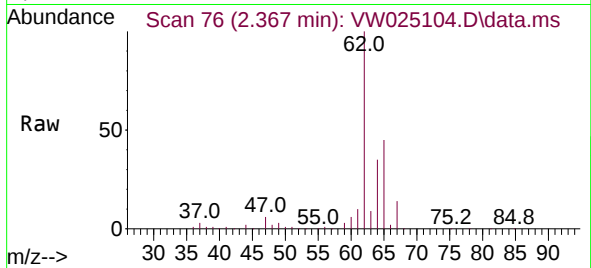




#5
 Vinyl chloride
 Concen: 28.060 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW025104.D
 Acq: 18 Nov 2022 17:48

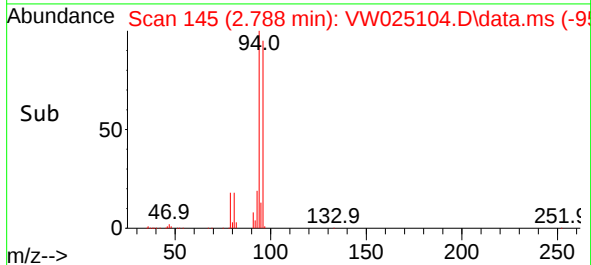
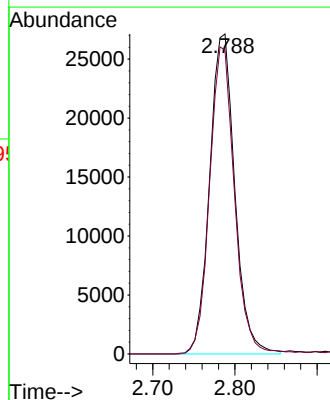
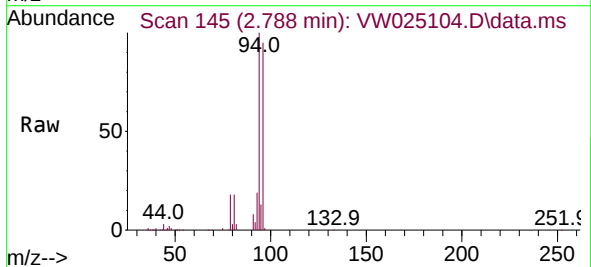
Instrument :
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 ClientSampleId :

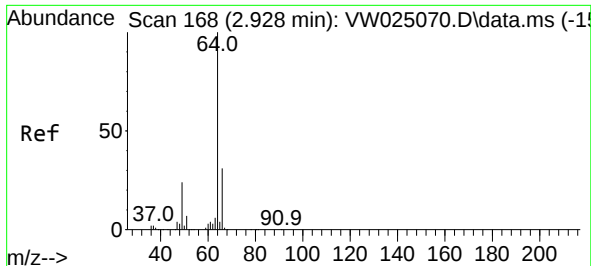
Tgt Ion: 62 Resp: 125983
 Ion Ratio Lower Upper
 62 100
 64 34.9 27.2 50.6



#6
 Bromomethane
 Concen: 25.728 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW025104.D
 Acq: 18 Nov 2022 17:48

Tgt Ion: 94 Resp: 57645
 Ion Ratio Lower Upper
 94 100
 96 94.9 63.8 118.6

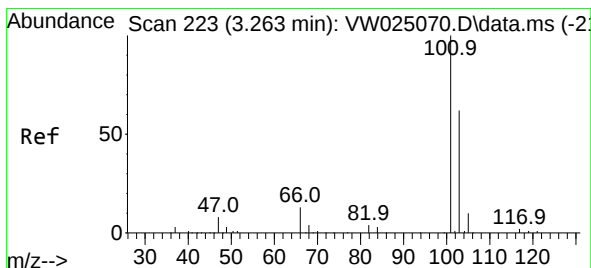
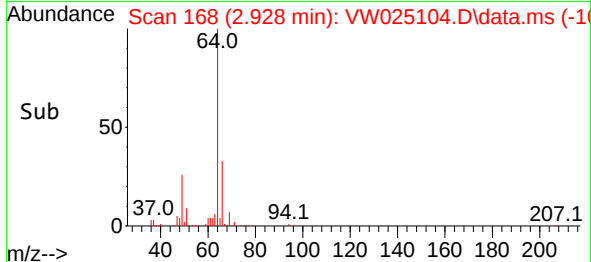
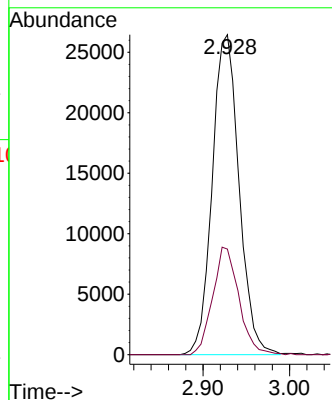
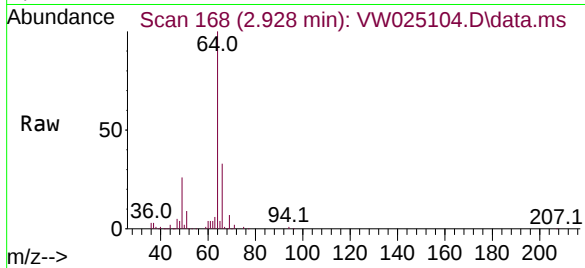




#8
Chloroethane
Concen: 30.383 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

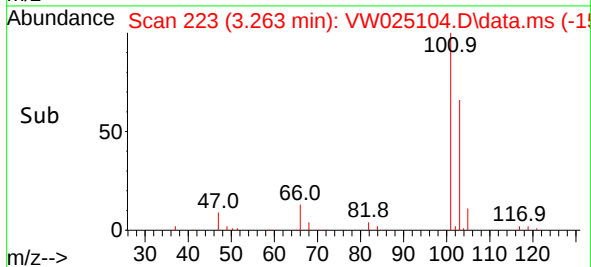
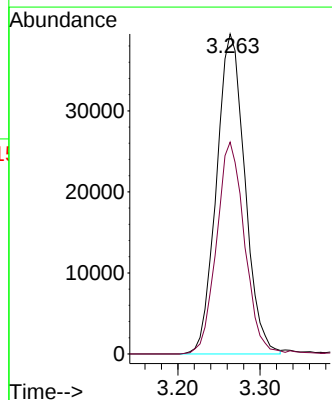
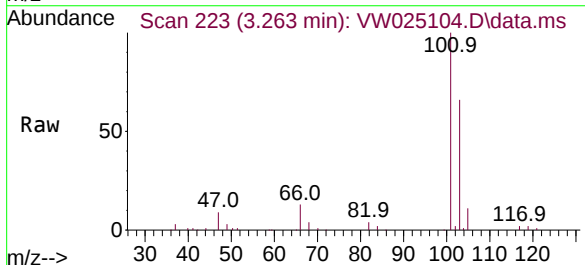
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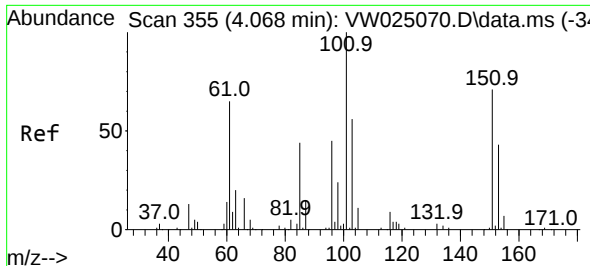
Tgt Ion: 64 Resp: 56903
Ion Ratio Lower Upper
64 100
66 33.0 21.6 40.2



#9
Trichlorofluoromethane
Concen: 25.194 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion: 101 Resp: 94889
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

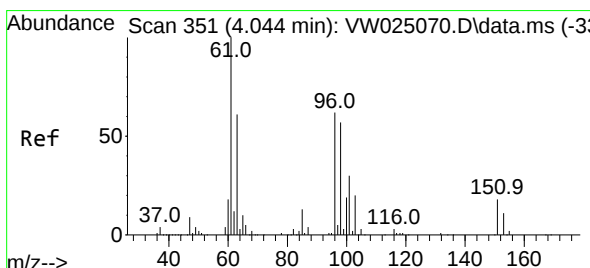
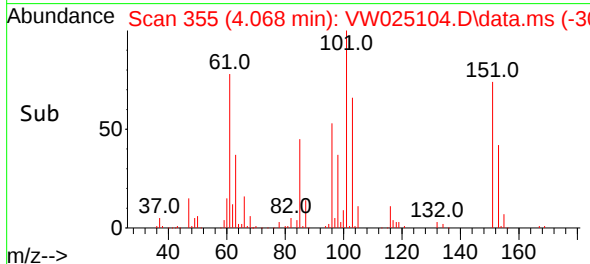
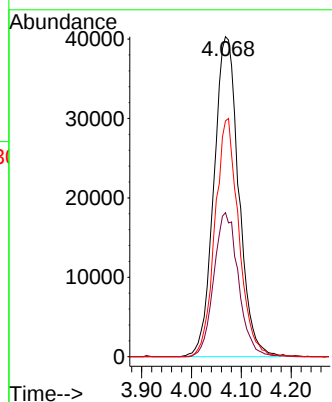
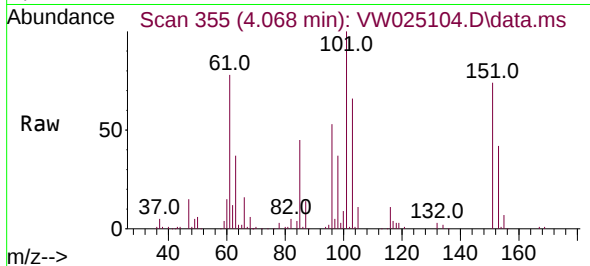




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.200 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW025104.D
 Acq: 18 Nov 2022 17:48

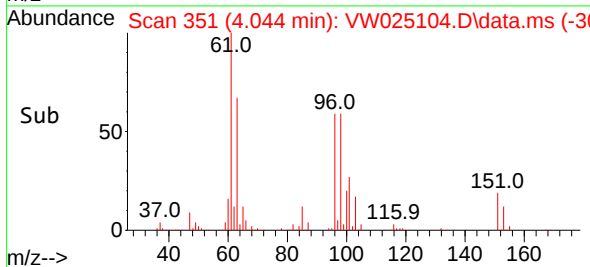
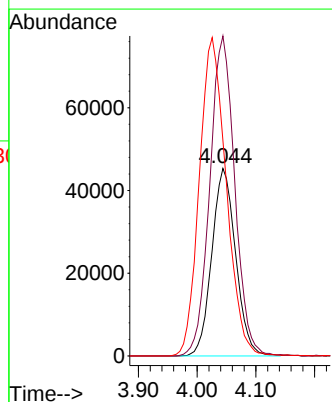
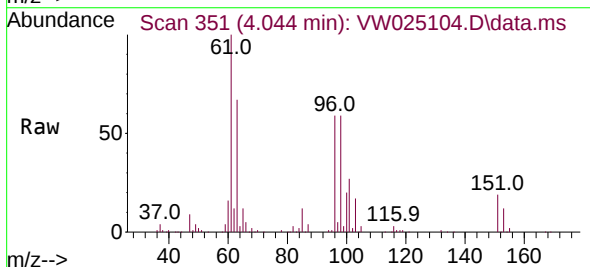
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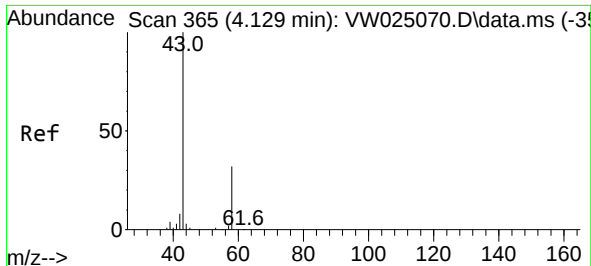
Tgt Ion:101 Resp: 139736
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.5 54.7
 151 70.9 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 25.439 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025104.D
 Acq: 18 Nov 2022 17:48

Tgt Ion: 96 Resp: 127815
 Ion Ratio Lower Upper
 96 100
 61 170.6 126.2 234.4
 63 114.9 98.3 182.7





#13

Acetone

Concen: 52.234 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

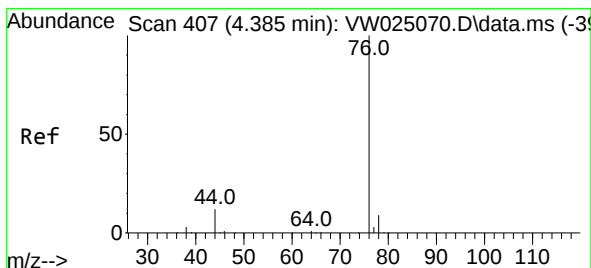
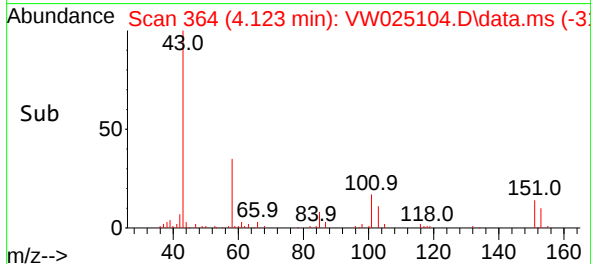
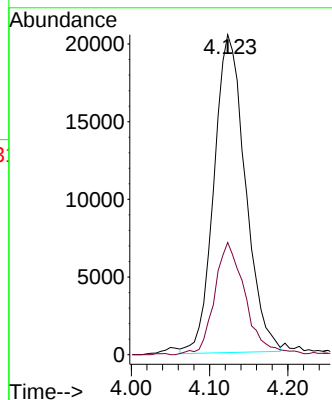
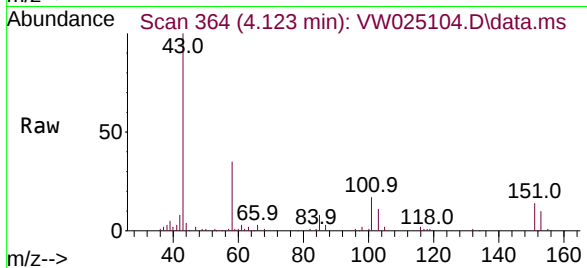
ClientSampleId :

Tgt Ion: 43 Resp: 56936

Ion Ratio Lower Upper

43 100

58 34.3 0.0 65.4



#14

Carbon disulfide

Concen: 22.203 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW025104.D

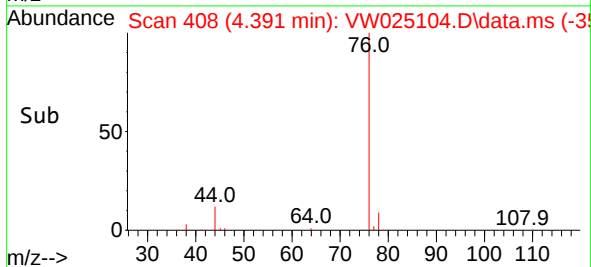
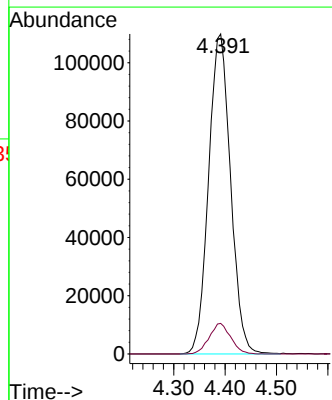
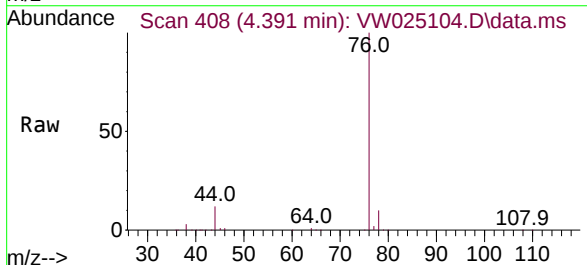
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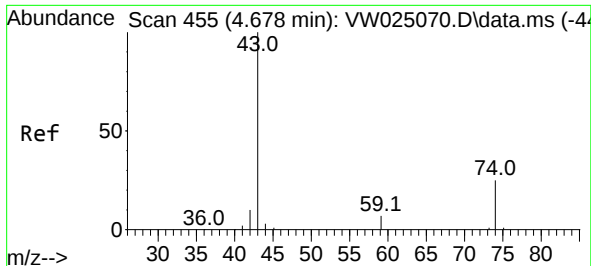
Tgt Ion: 76 Resp: 325876

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2

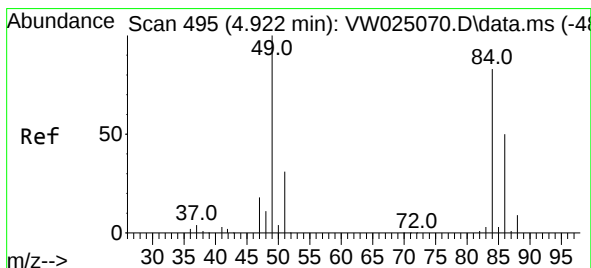
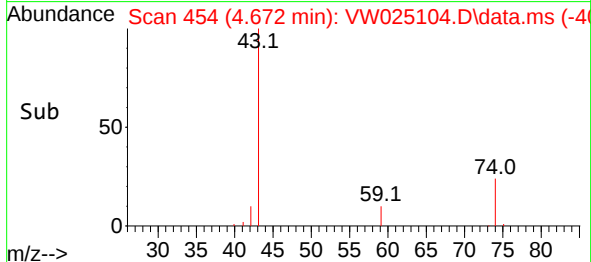
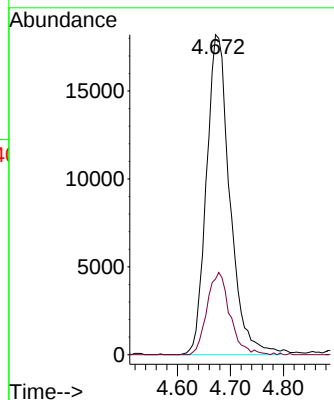
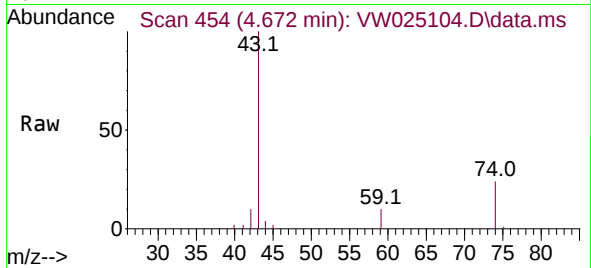




#15
Methyl Acetate
Concen: 25.751 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

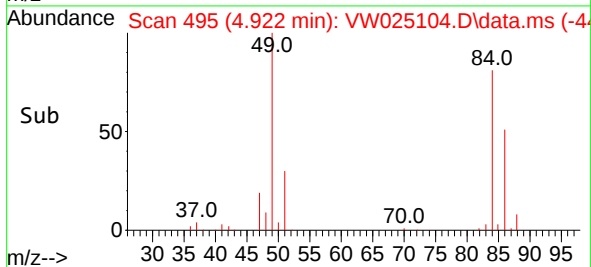
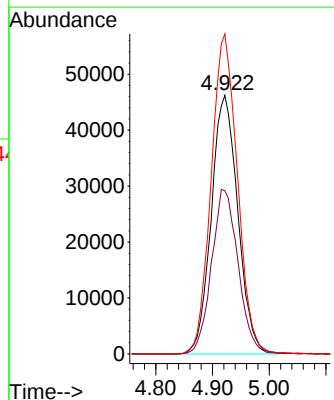
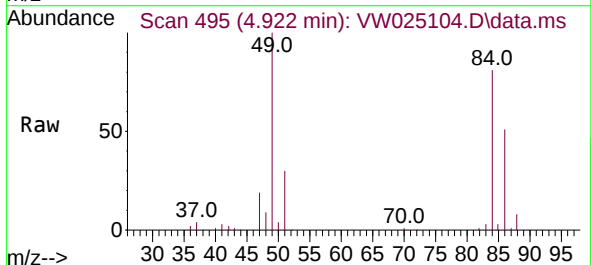
Instrument :
MSVOA_W
ClientSampleId :

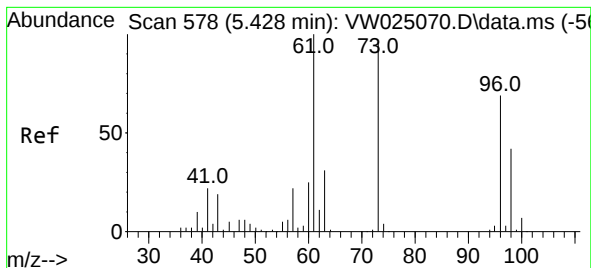
Tgt Ion: 43 Resp: 55883
Ion Ratio Lower Upper
43 100
74 24.7 20.6 30.8



#16
Methylene chloride
Concen: 20.912 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion: 84 Resp: 150394
Ion Ratio Lower Upper
84 100
86 63.1 42.6 79.0
49 123.7 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 25.312 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :

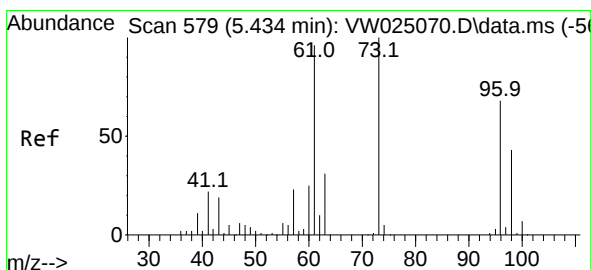
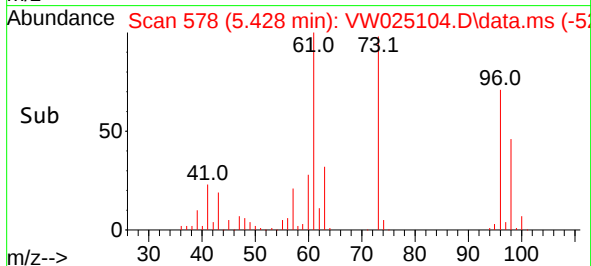
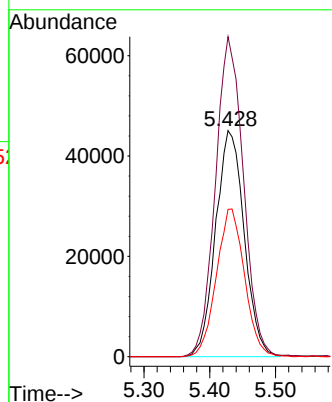
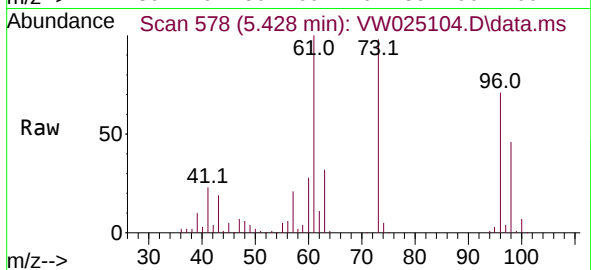
Tgt Ion: 96 Resp: 136182

Ion Ratio Lower Upper

96 100

61 141.6 97.6 181.2

98 65.2 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 24.836 ug/L

RT: 5.434 min Scan# 579

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

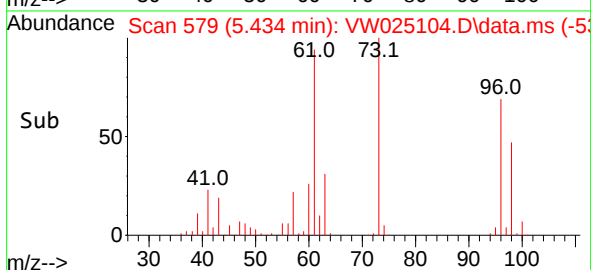
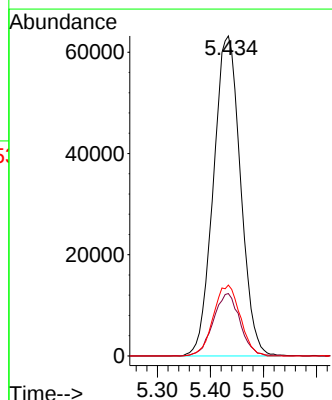
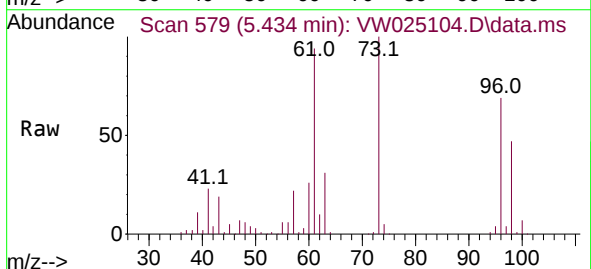
Tgt Ion: 73 Resp: 224136

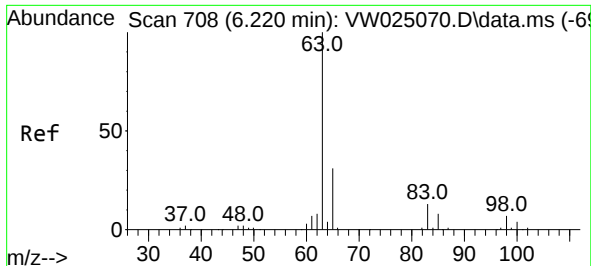
Ion Ratio Lower Upper

73 100

43 19.4 16.6 24.8

57 22.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 26.675 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :

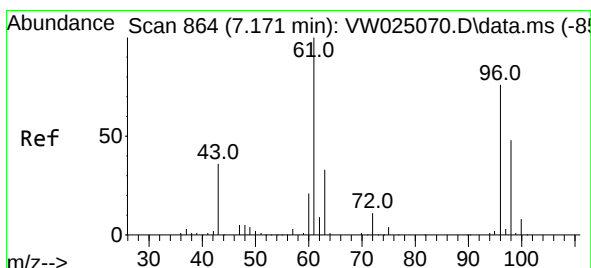
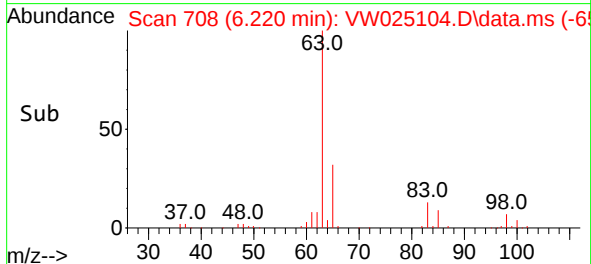
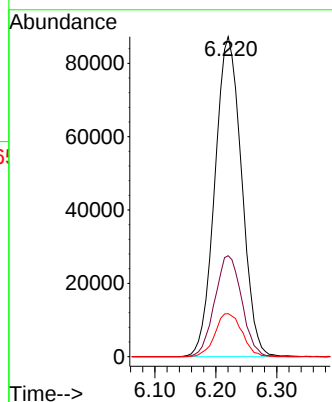
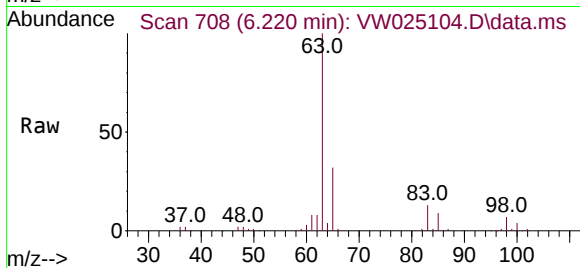
Tgt Ion: 63 Resp: 265703

Ion Ratio Lower Upper

63 100

65 31.6 22.2 41.2

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.323 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

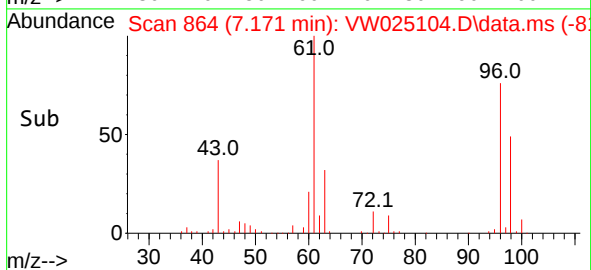
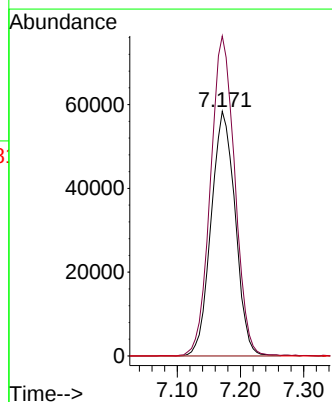
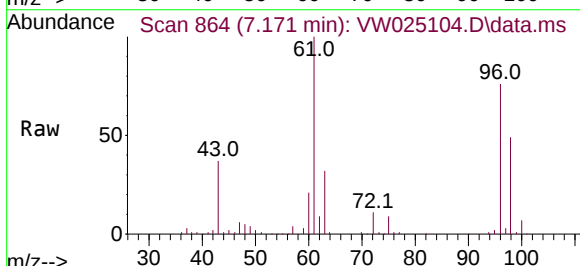
Tgt Ion: 96 Resp: 154356

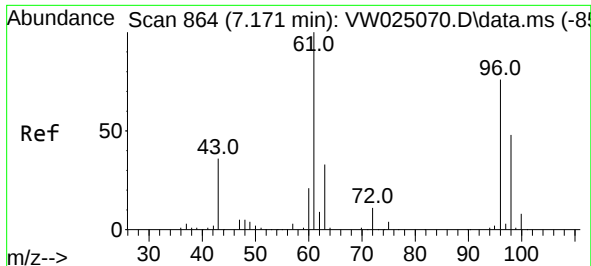
Ion Ratio Lower Upper

96 100

61 130.8 91.8 170.6

68 0.0 0.0 0.0

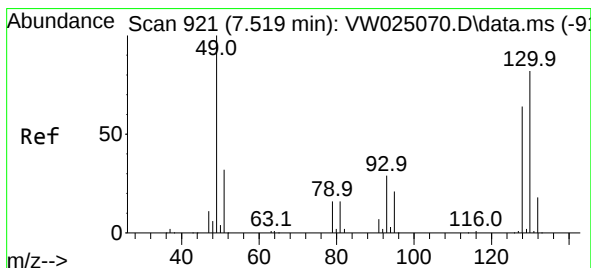
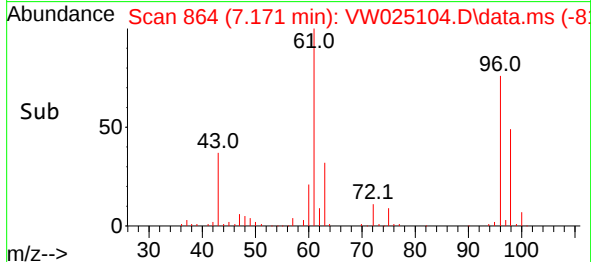
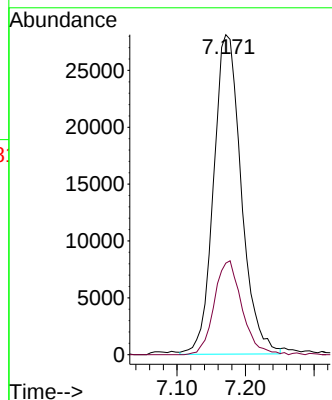
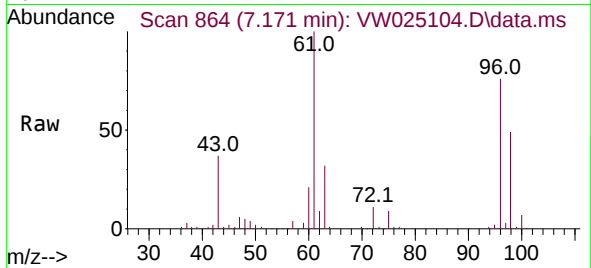




#22
2-Butanone
Concen: 48.299 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

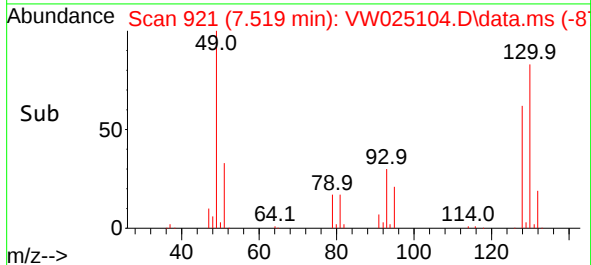
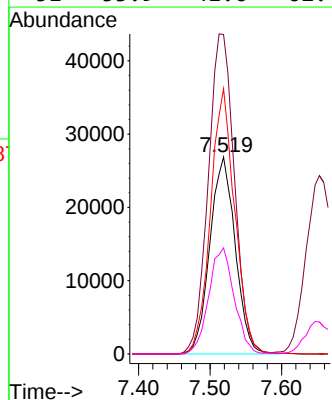
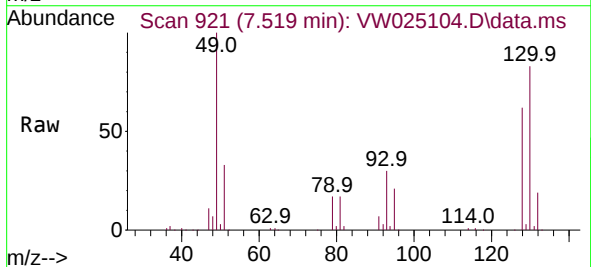
Instrument :
MSVOA_W
ClientSampleId :

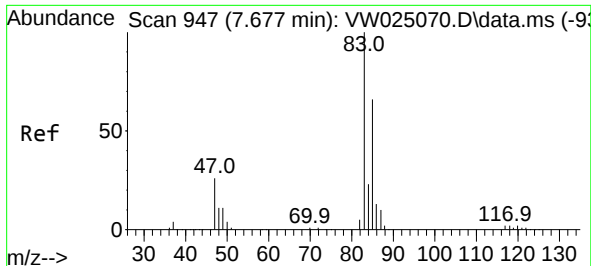
Tgt Ion: 43 Resp: 78878
Ion Ratio Lower Upper
43 100
72 29.3 14.6 44.0



#23
Bromochloromethane
Concen: 26.056 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion: 128 Resp: 66236
Ion Ratio Lower Upper
128 100
49 162.2 112.8 209.4
130 134.7 86.2 160.2
51 53.9 41.6 62.4

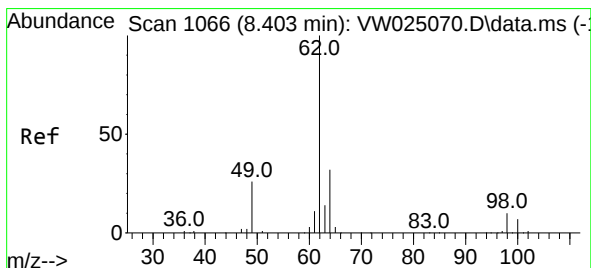
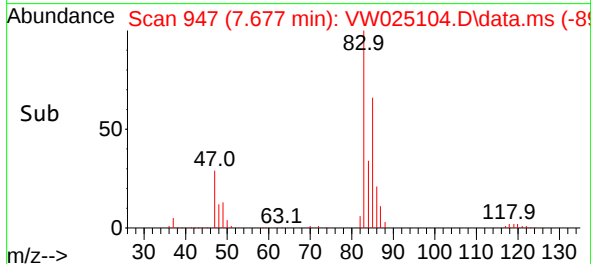
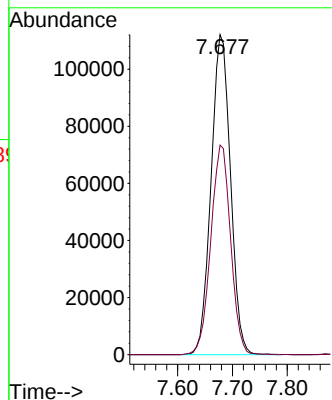
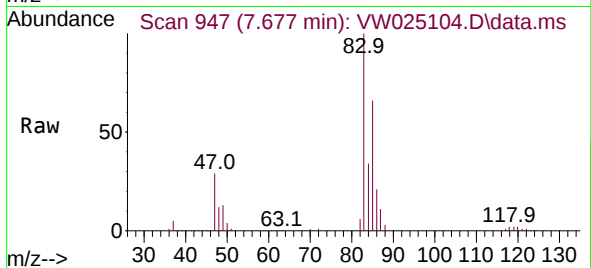




#25
Chloroform
Concen: 26.215 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

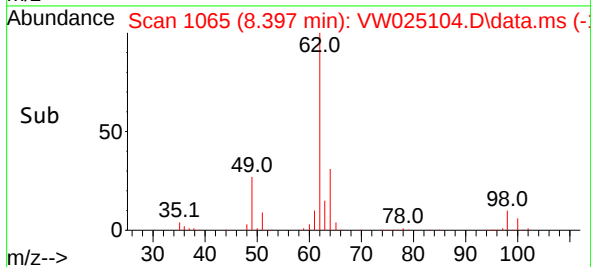
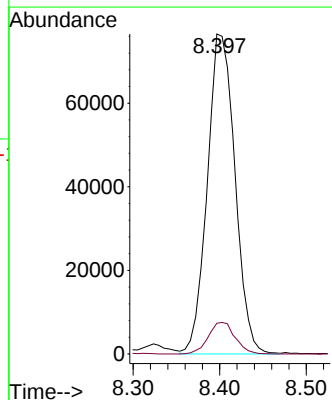
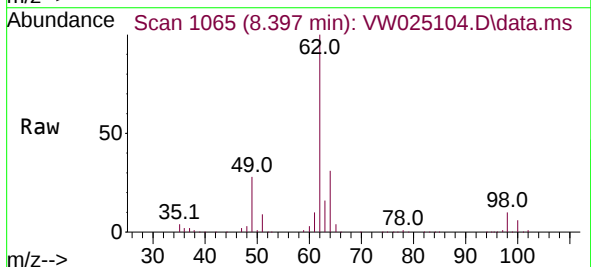
Instrument :
MSVOA_W
ClientSampleId :

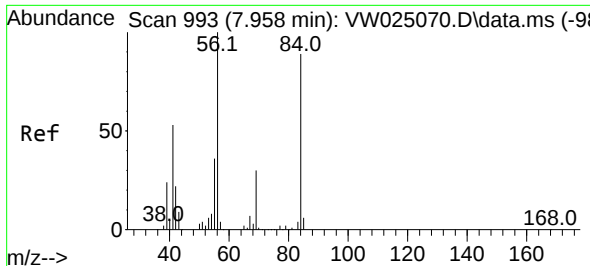
Tgt Ion: 83 Resp: 275585
Ion Ratio Lower Upper
83 100
85 65.5 47.5 88.3



#27
1,2-Dichloroethane
Concen: 23.884 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

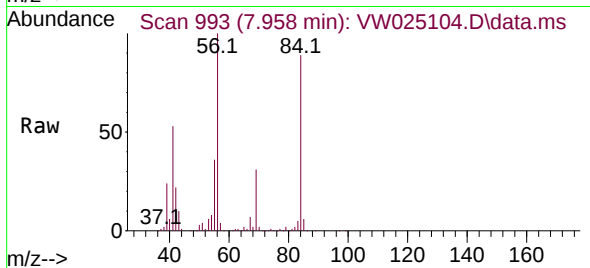
Tgt Ion: 62 Resp: 170303
Ion Ratio Lower Upper
62 100
98 9.6 7.0 10.4



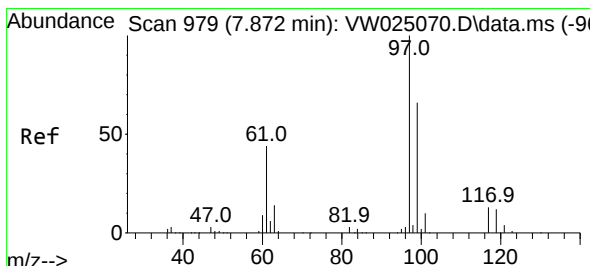
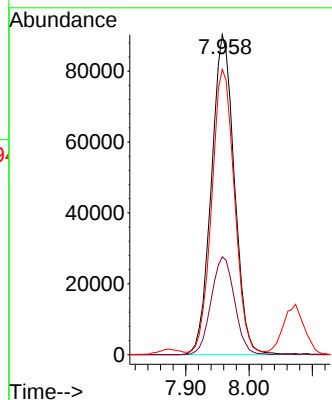
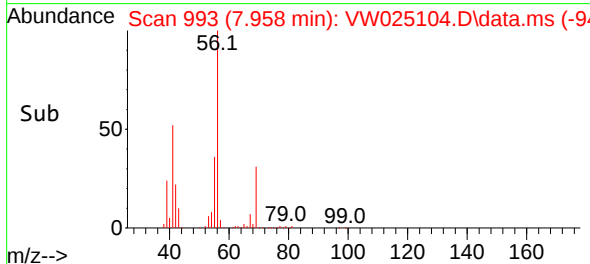


#29
Cyclohexane
Concen: 26.197 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Instrument :
MSVOA_W
ClientSampleId :

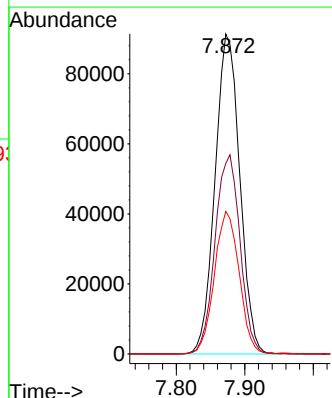
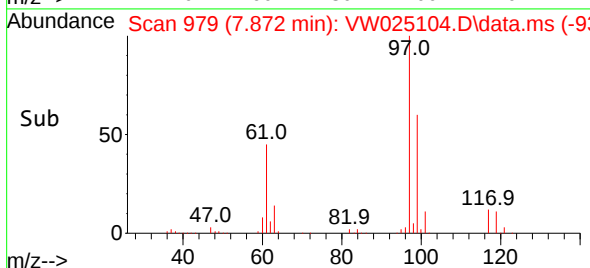
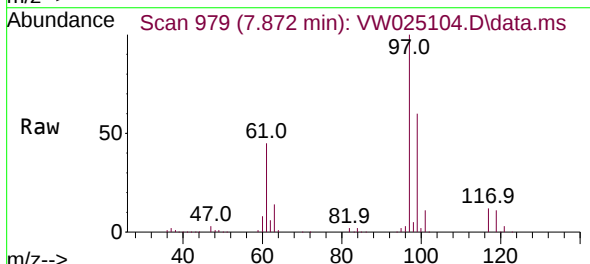


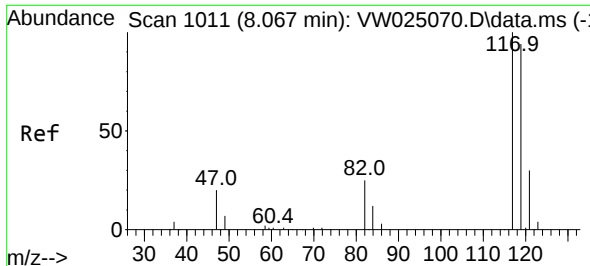
Tgt Ion: 56 Resp: 227606
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.4
84 88.7 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 25.447 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion: 97 Resp: 229140
Ion Ratio Lower Upper
97 100
99 62.9 51.8 77.8
61 44.6 36.6 54.8

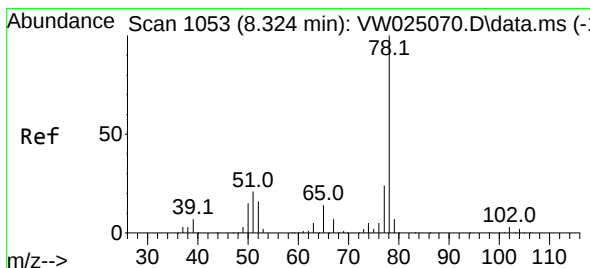
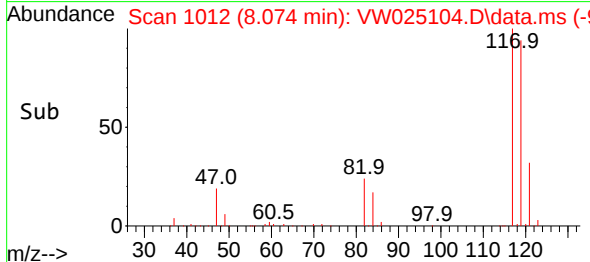
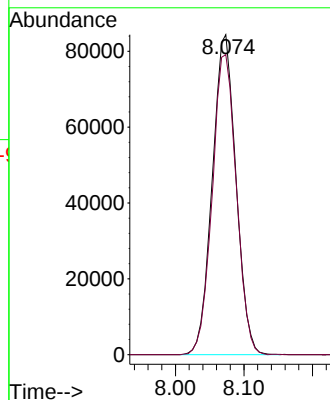
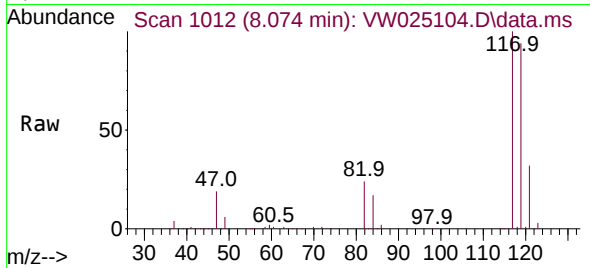




#31
Carbon tetrachloride
Concen: 25.173 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

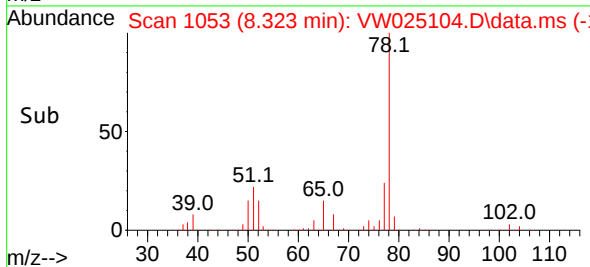
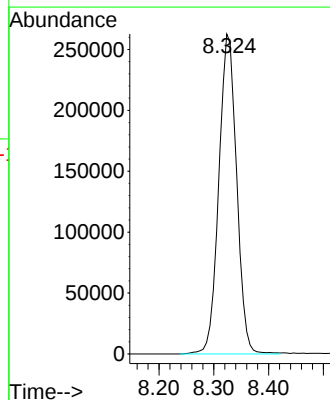
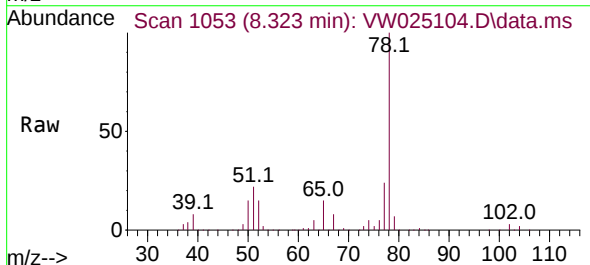
Instrument :
MSVOA_W
ClientSampleId :

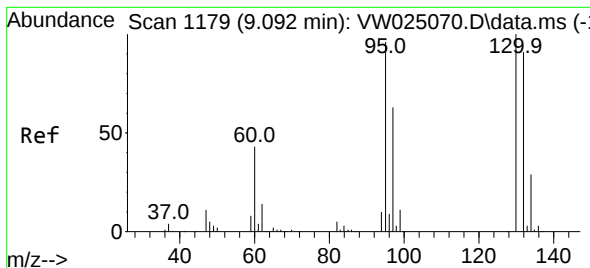
Tgt Ion:117 Resp: 202544
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5



#33
Benzene
Concen: 26.823 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion: 78 Resp: 594349





#34

Trichloroethene

Concen: 26.431 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

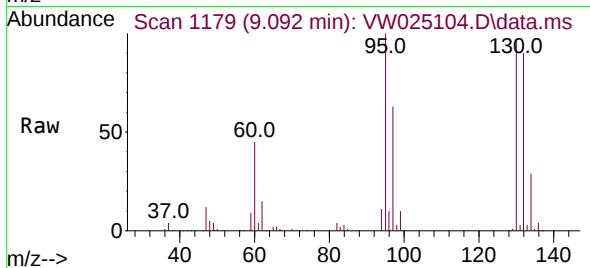
Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 155037

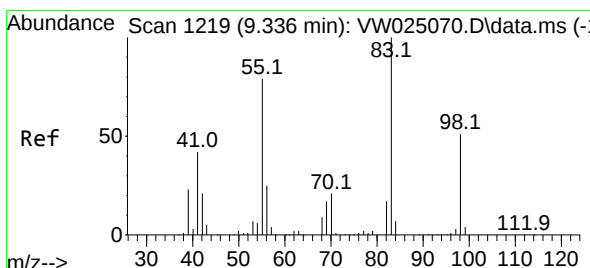
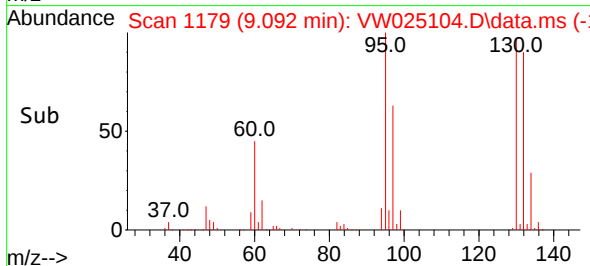
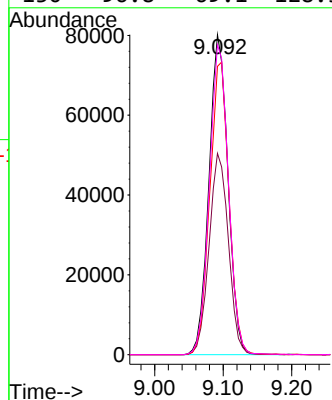
Ion Ratio Lower Upper

95 100

97 62.9 44.7 83.1

132 90.1 62.6 116.2

130 96.8 69.1 128.3



#35

Methylcyclohexane

Concen: 25.951 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

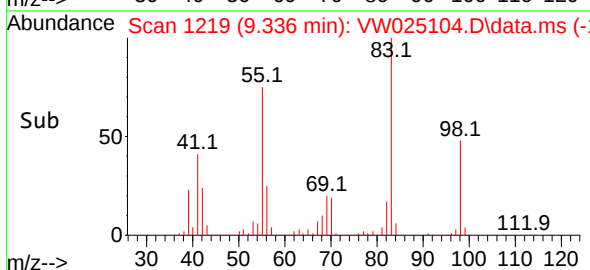
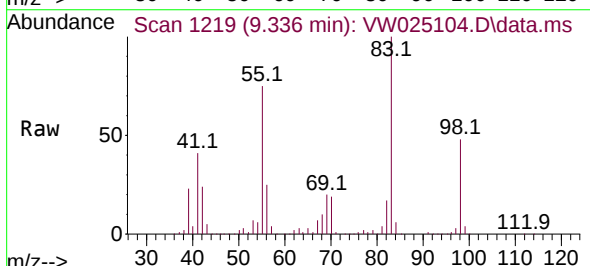
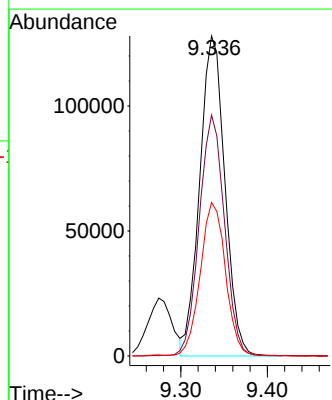
Tgt Ion: 83 Resp: 258654

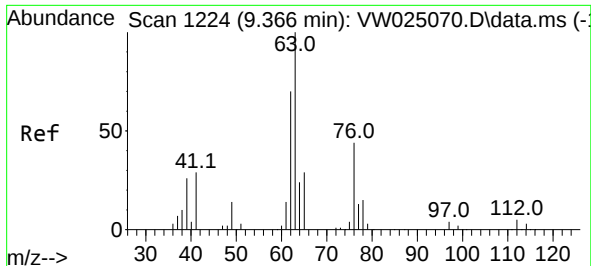
Ion Ratio Lower Upper

83 100

55 75.5 60.4 90.6

98 48.1 39.5 59.3





#37

1,2-Dichloropropane

Concen: 28.201 ug/L

RT: 9.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

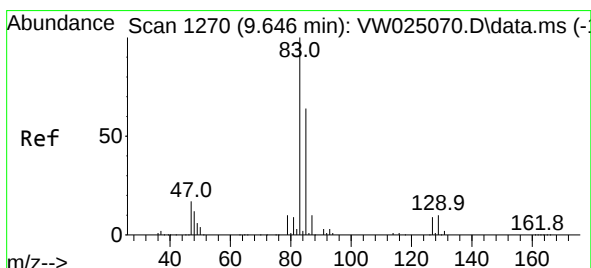
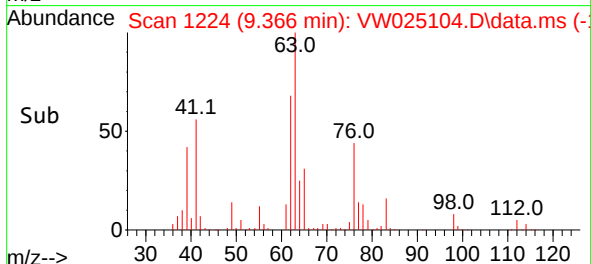
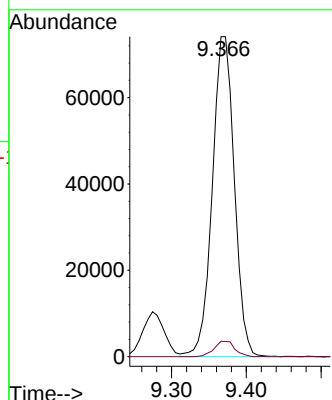
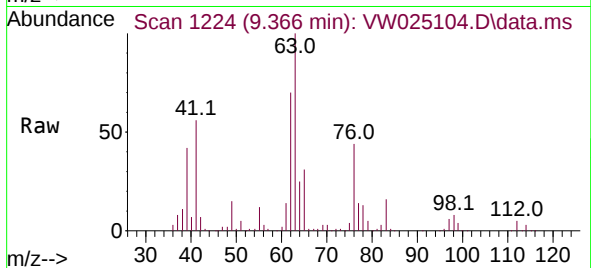
ClientSampleId :

Tgt Ion: 63 Resp: 151667

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 26.638 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

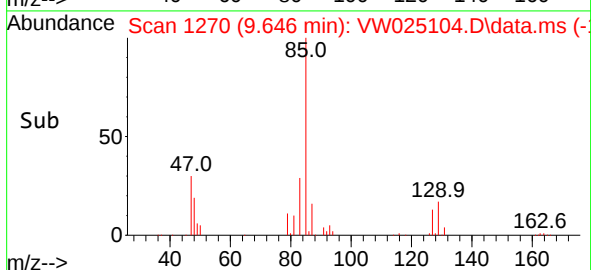
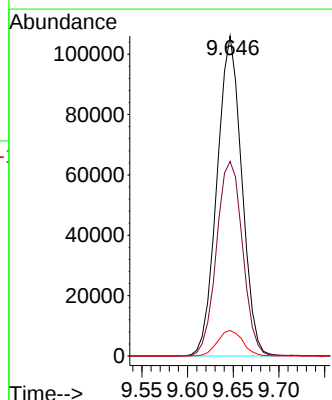
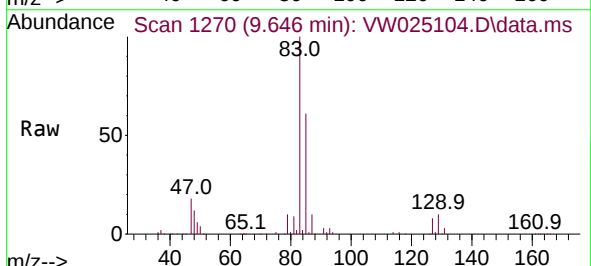
Tgt Ion: 83 Resp: 199945

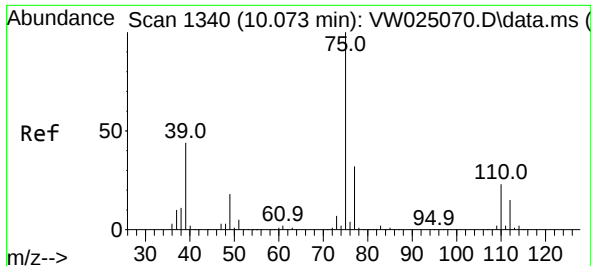
Ion Ratio Lower Upper

83 100

85 60.8 45.8 85.0

127 8.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 27.288 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

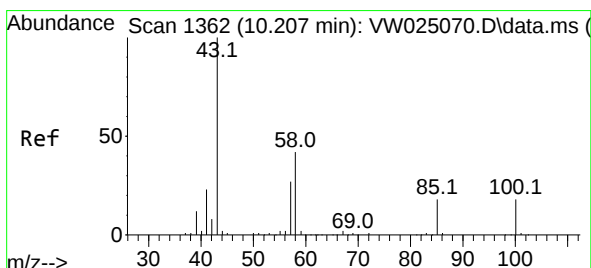
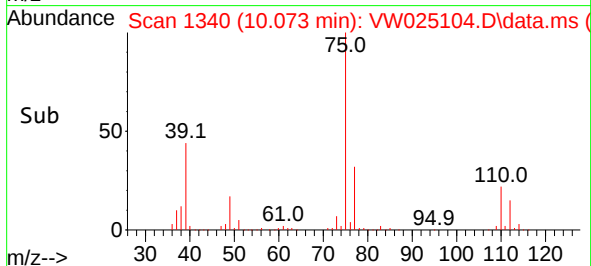
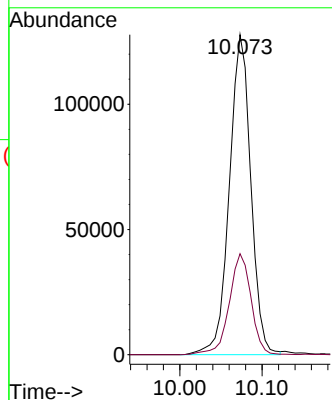
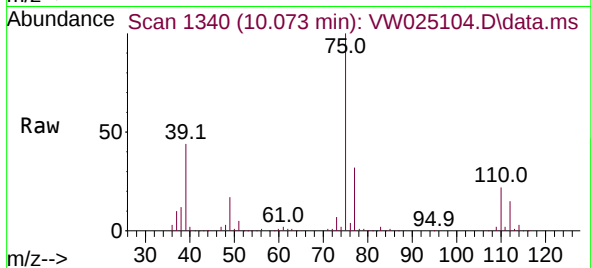
ClientSampleId :

Tgt Ion: 75 Resp: 232004

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 52.955 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

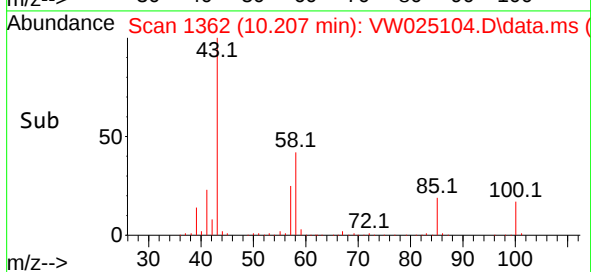
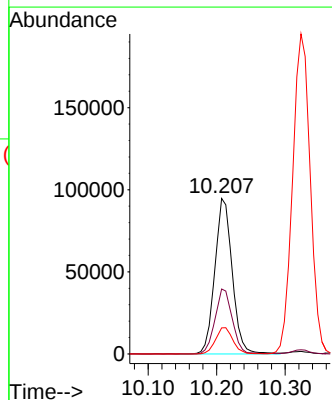
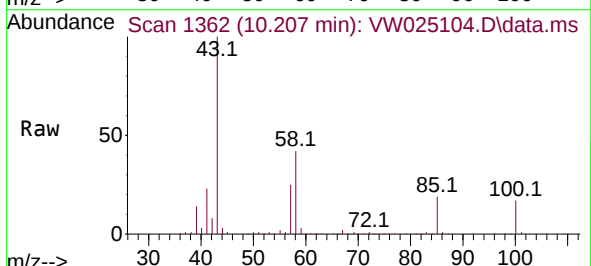
Tgt Ion: 43 Resp: 167123

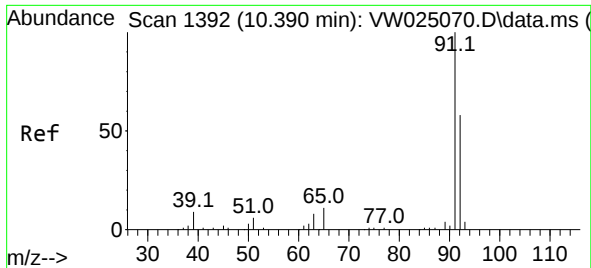
Ion Ratio Lower Upper

43 100

58 41.4 32.6 48.8

100 16.9 14.0 21.0

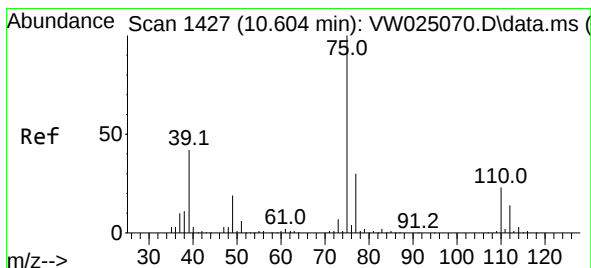
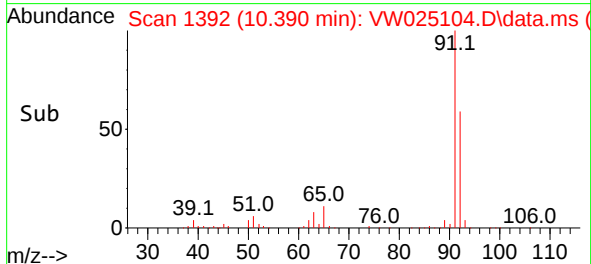
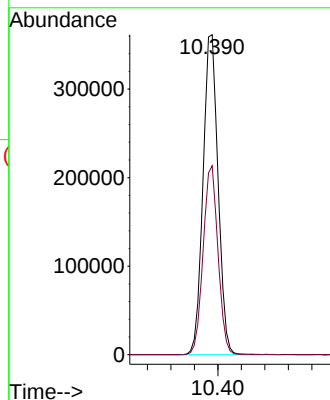
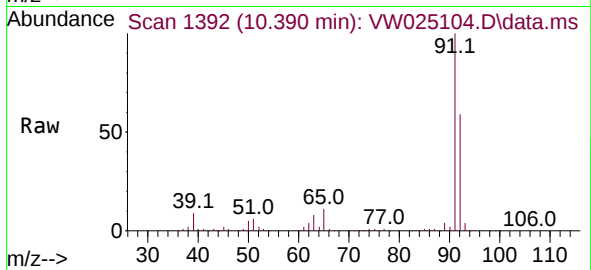




#42
Toluene
Concen: 27.319 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

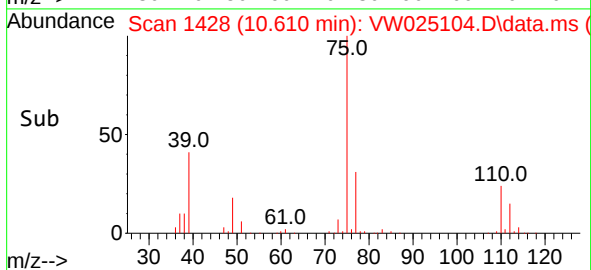
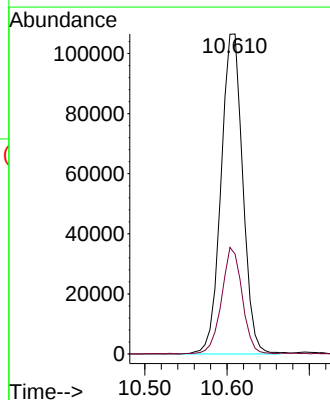
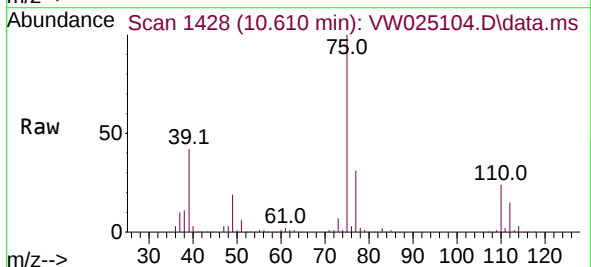
Instrument :
MSVOA_W
ClientSampleId :

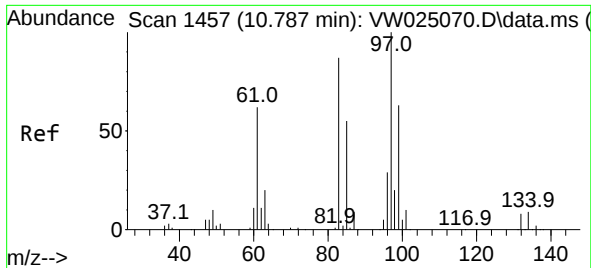
Tgt Ion: 91 Resp: 642652
Ion Ratio Lower Upper
91 100
92 59.1 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 25.880 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion: 75 Resp: 195611
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 27.221 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 110534

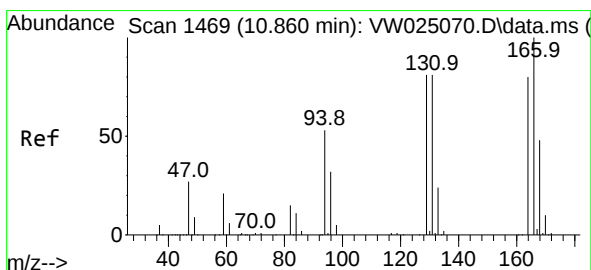
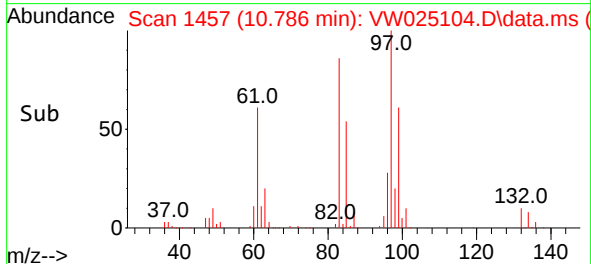
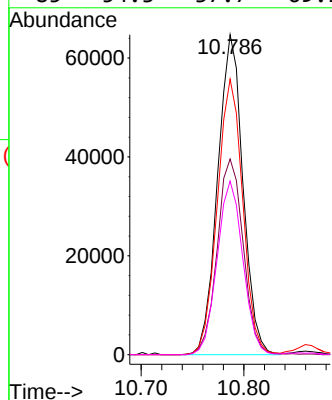
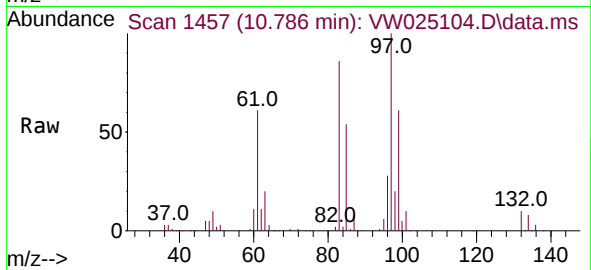
Ion Ratio Lower Upper

97 100

99 61.2 44.0 81.6

83 86.1 59.9 111.3

85 54.3 37.7 69.9



#46

Tetrachloroethene

Concen: 26.085 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Tgt Ion:164 Resp: 109424

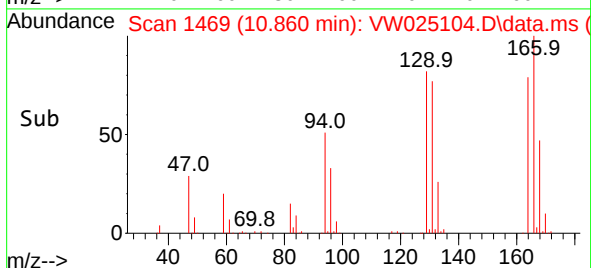
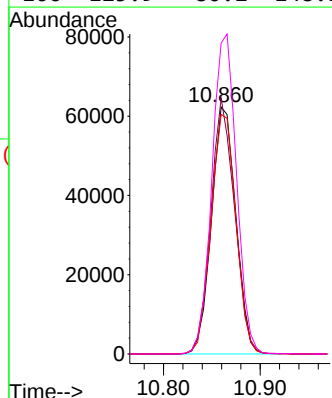
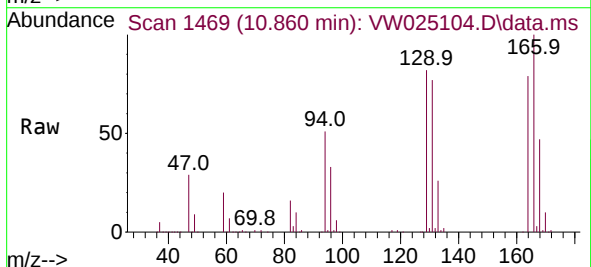
Ion Ratio Lower Upper

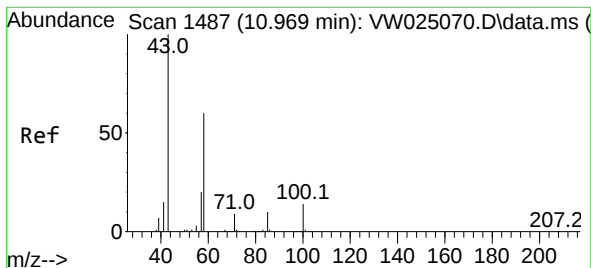
164 100

129 103.4 72.9 135.5

131 97.0 70.1 130.3

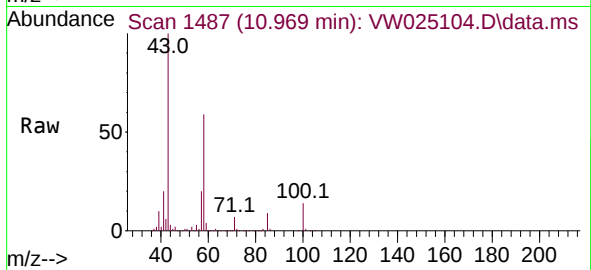
166 125.9 80.2 148.9



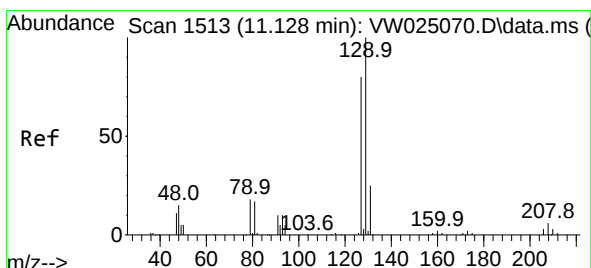
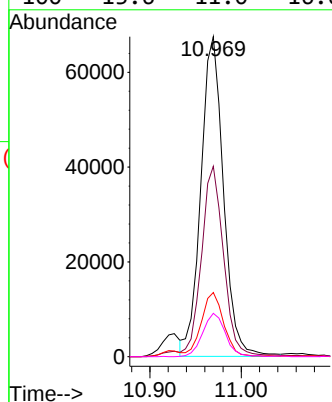
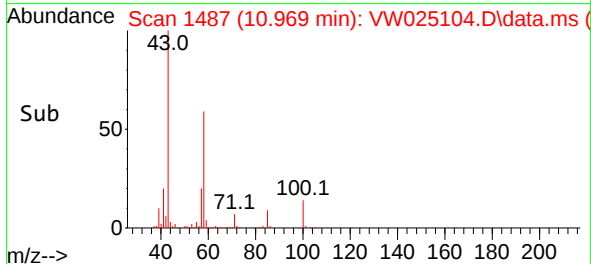


#48
2-Hexanone
Concen: 53.119 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Instrument :
MSVOA_W
ClientSampleId :

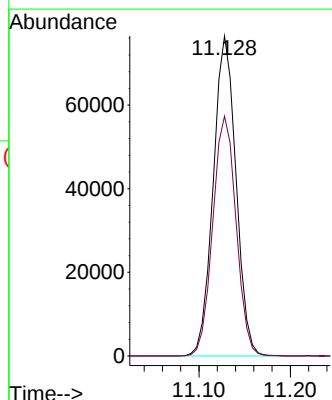
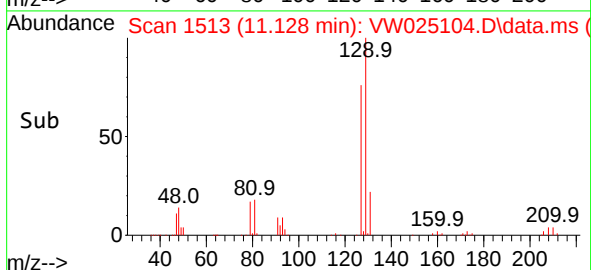
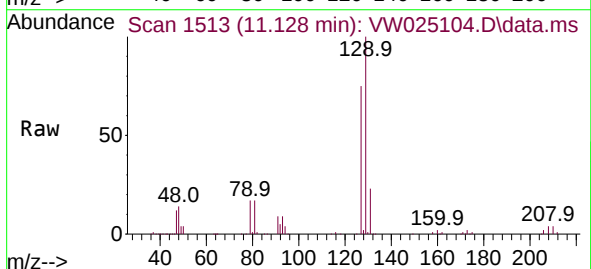


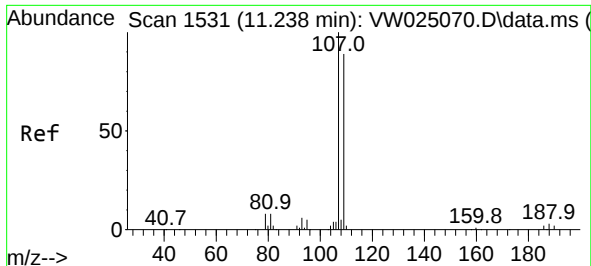
Tgt Ion: 43 Resp: 115937
Ion Ratio Lower Upper
43 100
58 58.4 46.1 69.1
57 19.6 16.2 24.2
100 13.6 11.0 16.6



#49
Dibromochloromethane
Concen: 26.743 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion: 129 Resp: 132371
Ion Ratio Lower Upper
129 100
127 74.9 53.2 98.8





#50

1,2-Dibromoethane

Concen: 26.580 ug/L

RT: 11.238 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :

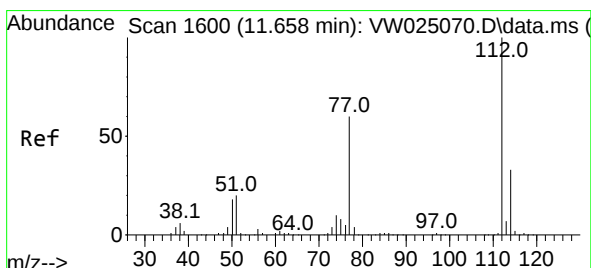
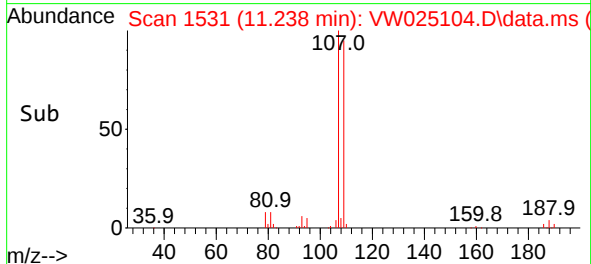
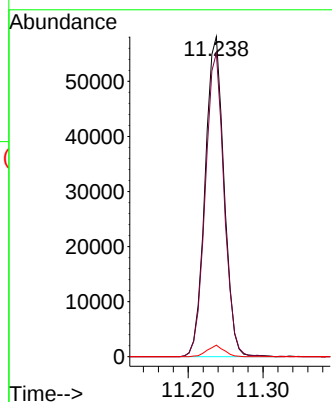
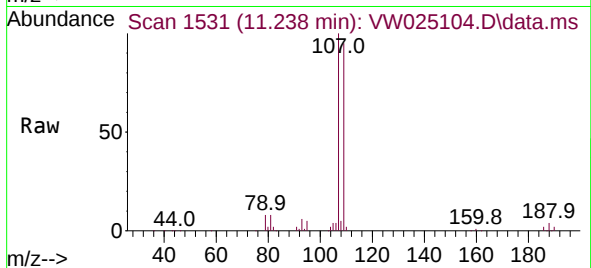
Tgt Ion:107 Resp: 102078

Ion Ratio Lower Upper

107 100

109 94.9 64.5 119.7

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 26.530 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

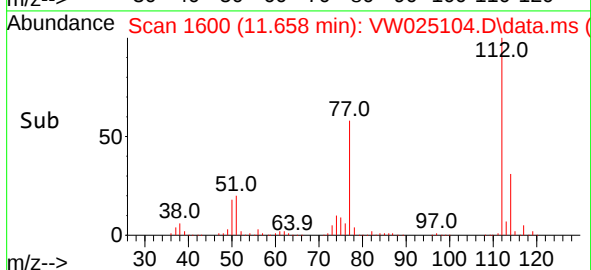
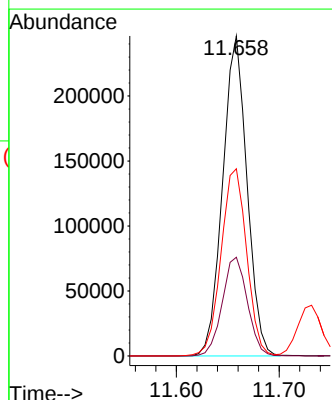
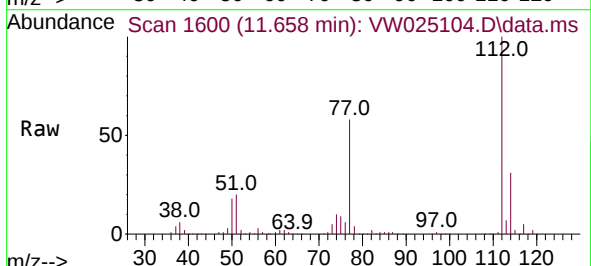
Tgt Ion:112 Resp: 404531

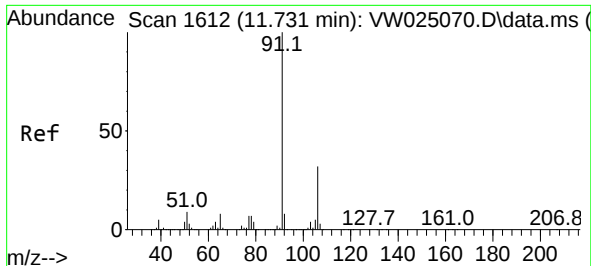
Ion Ratio Lower Upper

112 100

114 30.8 20.8 38.6

77 58.5 48.2 72.2

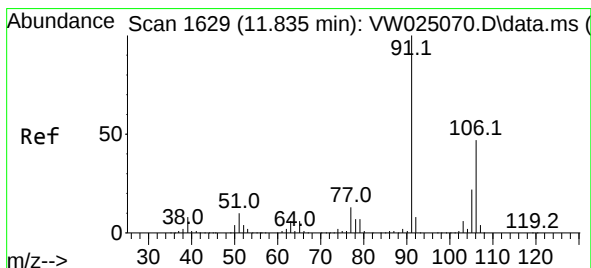
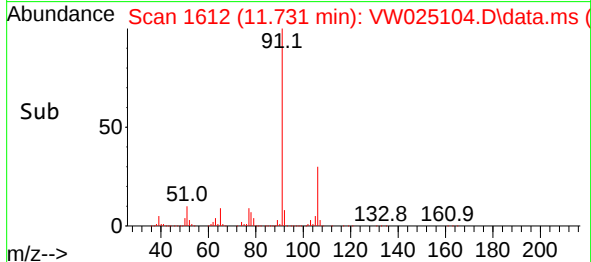
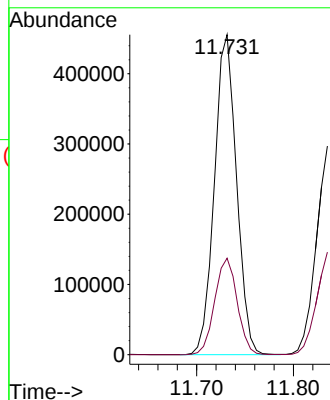
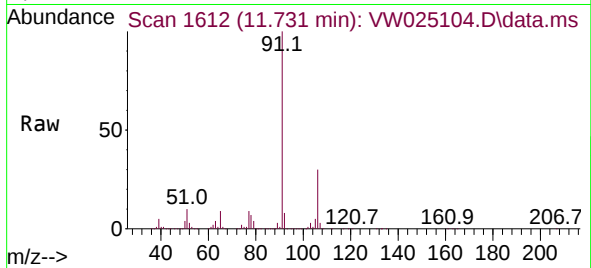




#52
Ethylbenzene
Concen: 26.608 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

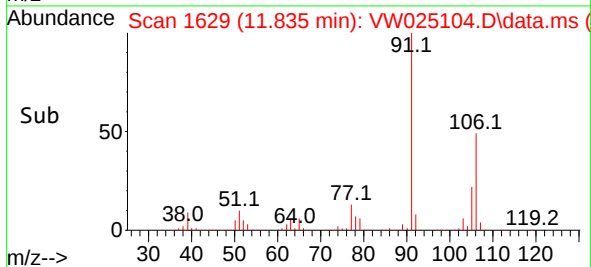
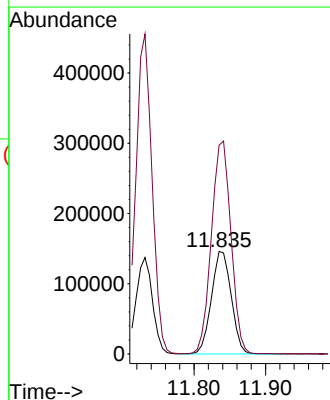
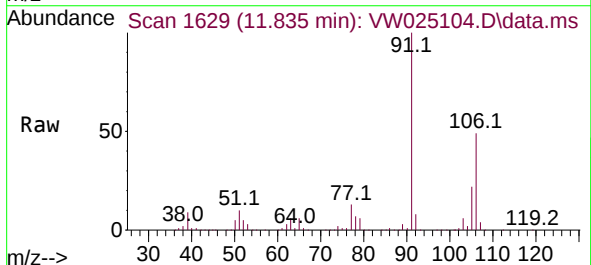
Instrument :
MSVOA_W
ClientSampleId :

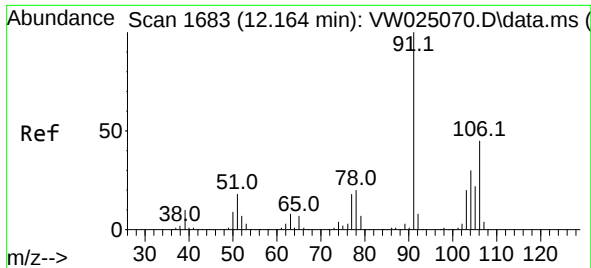
Tgt Ion: 91 Resp: 722507
Ion Ratio Lower Upper
91 100
106 30.1 22.3 41.5



#53
m,p-Xylene
Concen: 26.678 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion:106 Resp: 280414
Ion Ratio Lower Upper
106 100
91 203.4 143.9 267.2

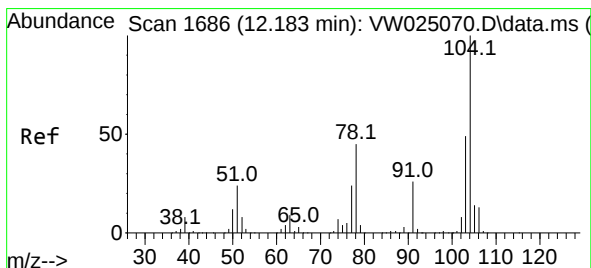
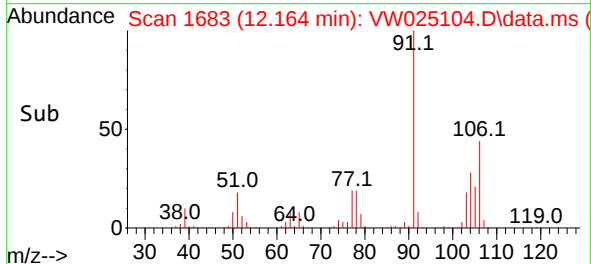
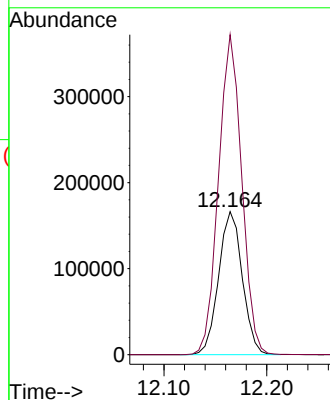
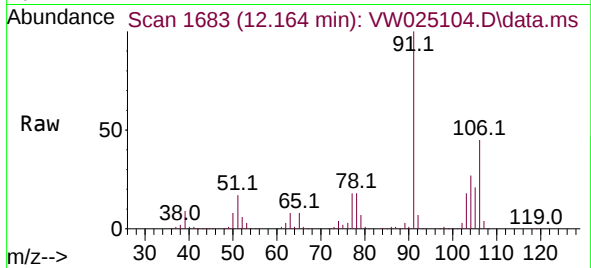




#54
o-Xylene
Concen: 26.844 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

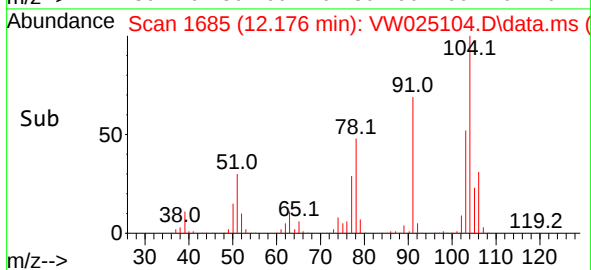
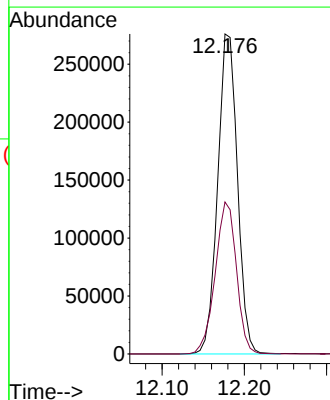
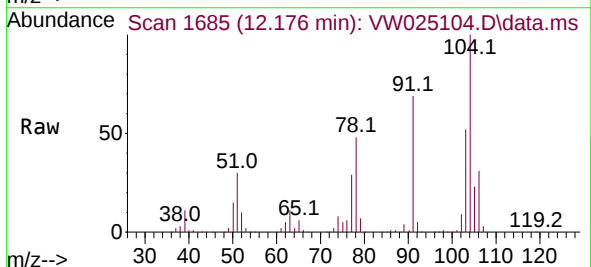
Instrument :
MSVOA_W
ClientSampleId :

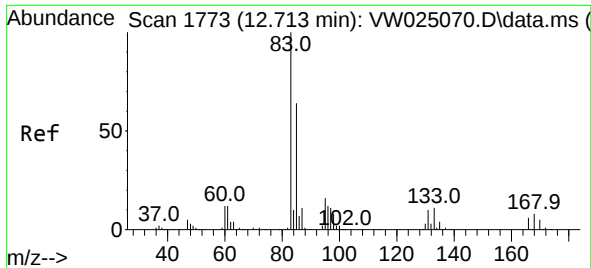
Tgt Ion:106 Resp: 266188
Ion Ratio Lower Upper
106 100
91 223.6 153.5 285.1



#55
Styrene
Concen: 26.745 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion:104 Resp: 460631
Ion Ratio Lower Upper
104 100
78 47.5 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 27.115 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025104.D

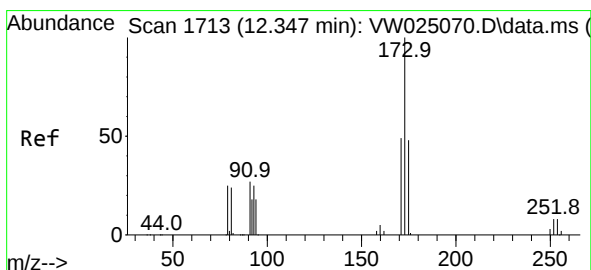
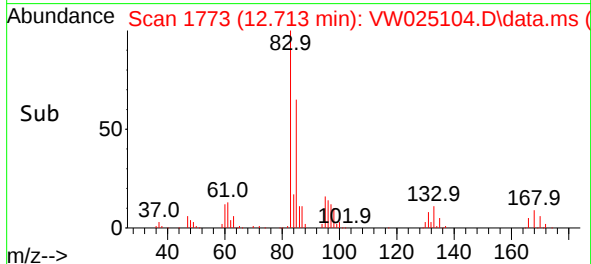
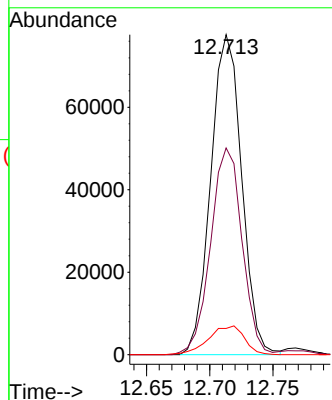
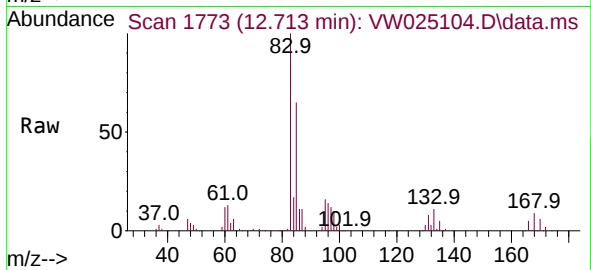
Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	132084
Ion	Ratio	Lower	Upper
83	100		
85	64.6	46.4	86.2
131	8.2	8.2	12.4



#59

Bromoform

Concen: 25.654 ug/L

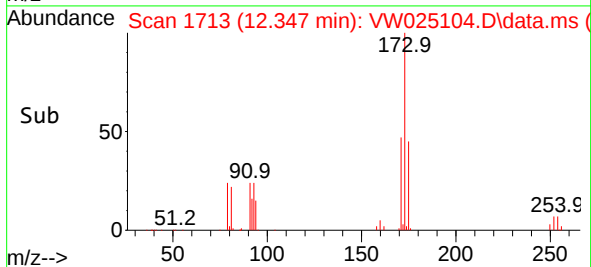
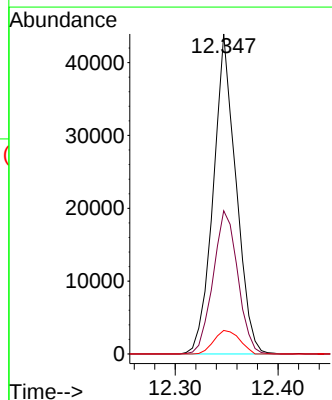
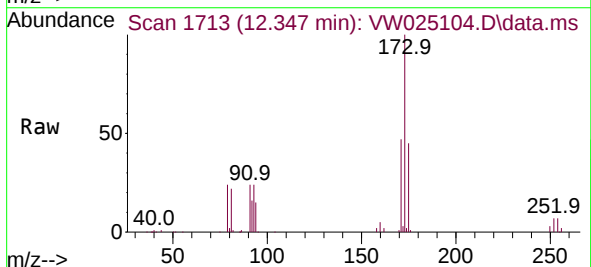
RT: 12.347 min Scan# 1713

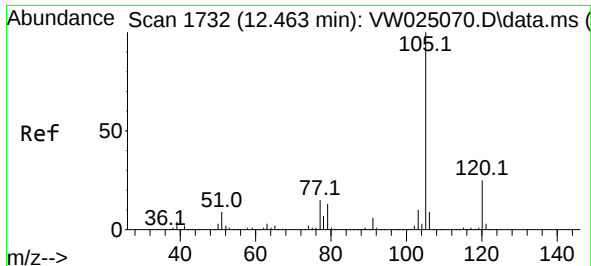
Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

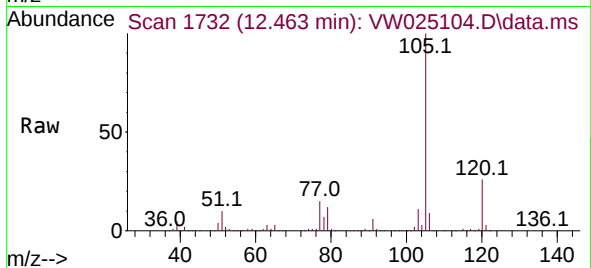
Tgt Ion:	173	Resp:	67345
Ion	Ratio	Lower	Upper
173	100		
175	48.5	37.4	56.2
254	8.3	5.8	8.8



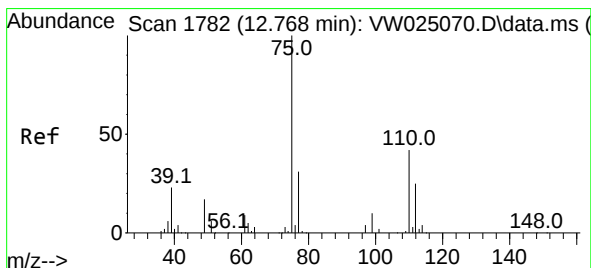
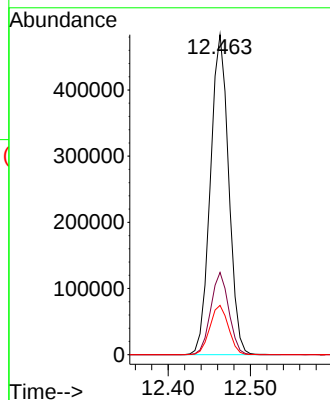
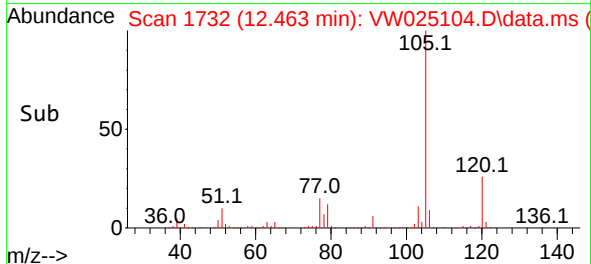


#60
Isopropylbenzene
Concen: 26.753 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

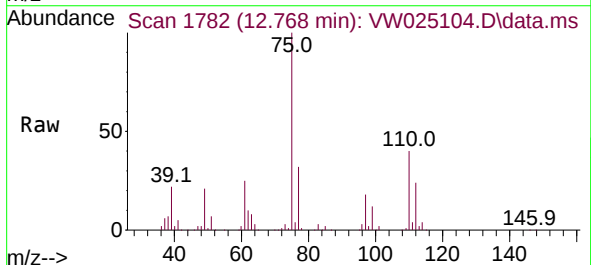
Instrument :
MSVOA_W
ClientSampleId :



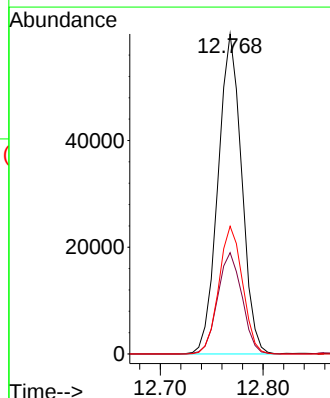
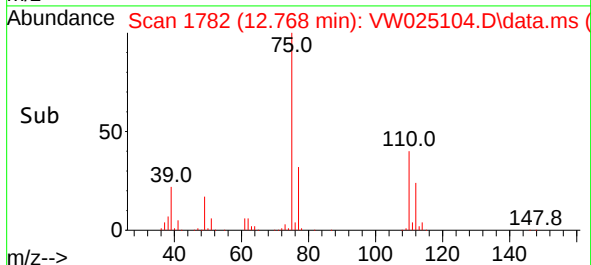
Tgt Ion:105 Resp: 746528
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2
77 15.7 13.0 19.4

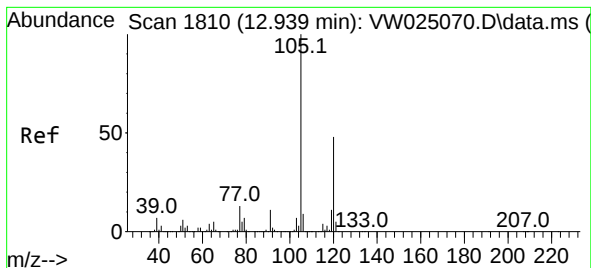


#61
1,2,3-Trichloropropane
Concen: 25.675 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48



Tgt Ion: 75 Resp: 95737
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
110 39.9 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 26.401 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

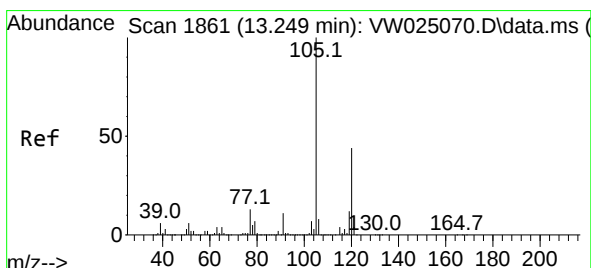
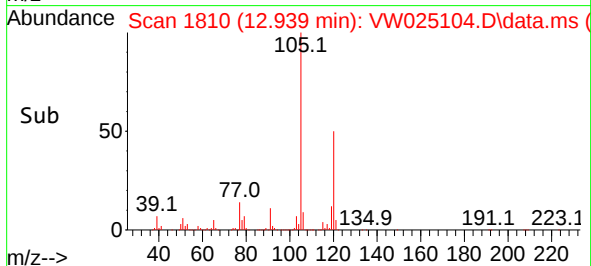
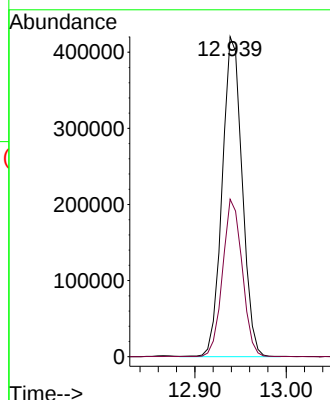
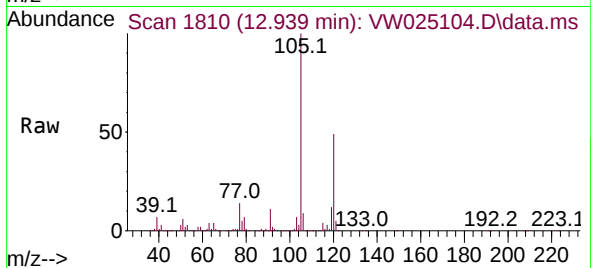
ClientSampleId :

Tgt Ion:105 Resp: 639505

Ion Ratio Lower Upper

105 100

120 48.2 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 26.591 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025104.D

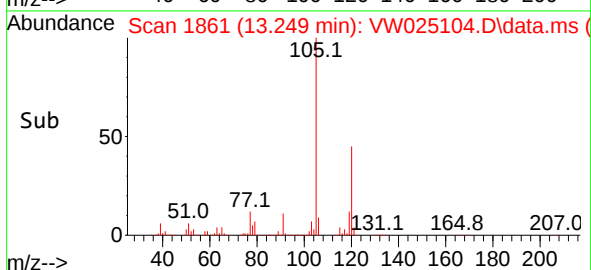
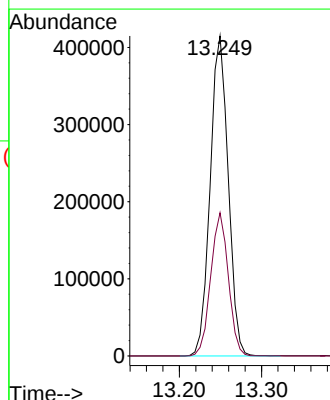
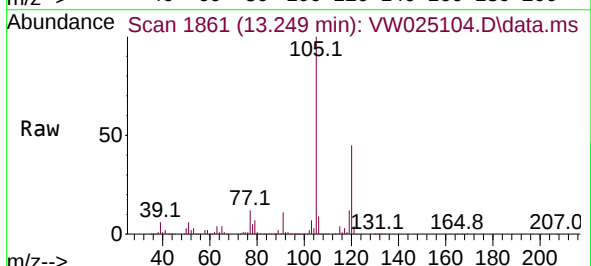
Acq: 18 Nov 2022 17:48

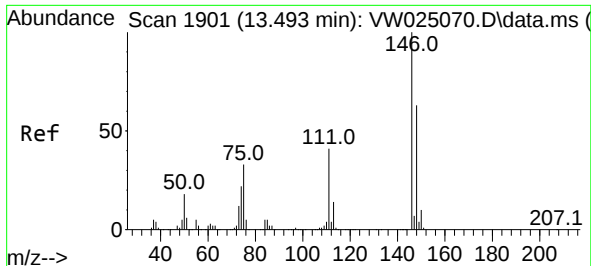
Tgt Ion:105 Resp: 631621

Ion Ratio Lower Upper

105 100

120 43.7 35.7 53.5

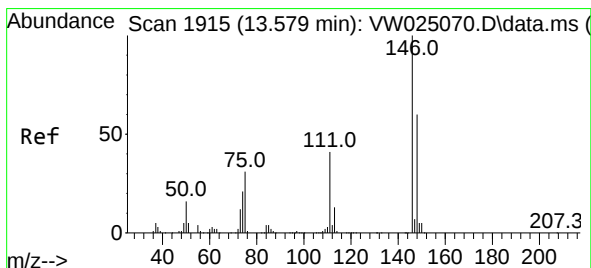
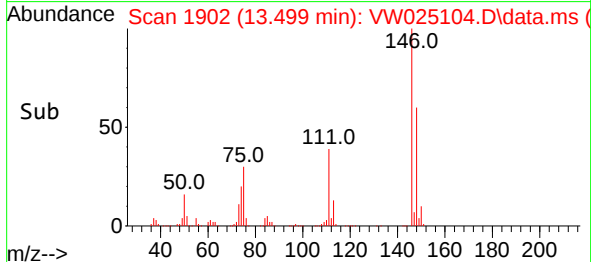
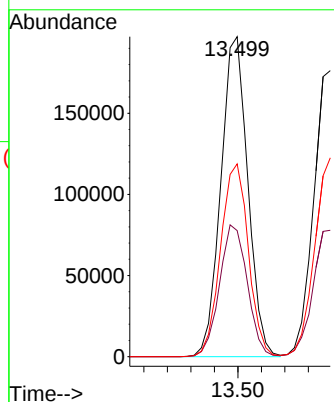
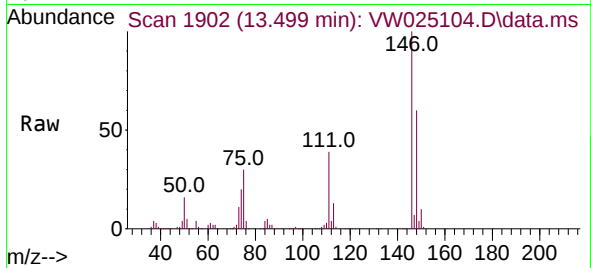




#64
1,3-Dichlorobenzene
Concen: 27.028 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

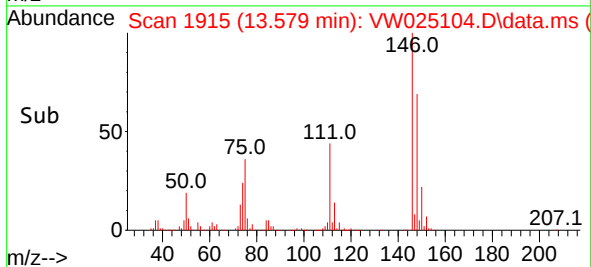
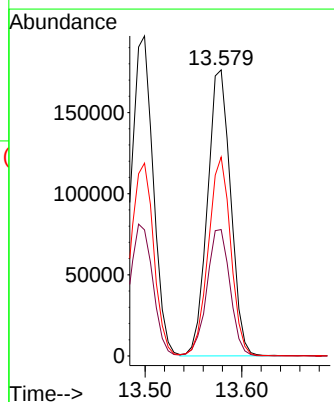
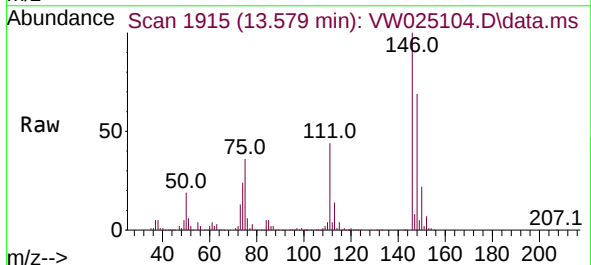
Instrument :
MSVOA_W
ClientSampleId :

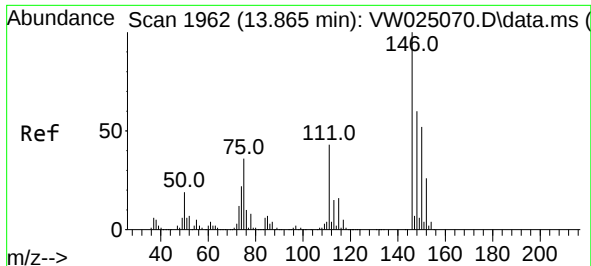
Tgt Ion:146 Resp: 314552
Ion Ratio Lower Upper
146 100
111 39.4 31.1 57.7
148 60.3 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 25.312 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025104.D
Acq: 18 Nov 2022 17:48

Tgt Ion:146 Resp: 293947
Ion Ratio Lower Upper
146 100
111 44.2 28.8 53.6
148 69.5 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 26.597 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :

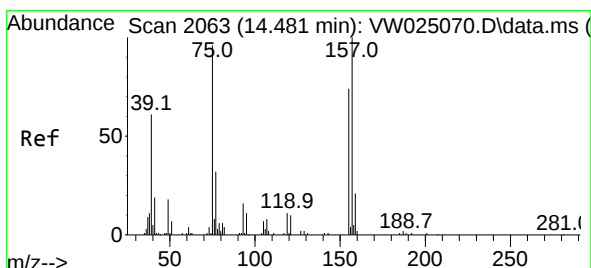
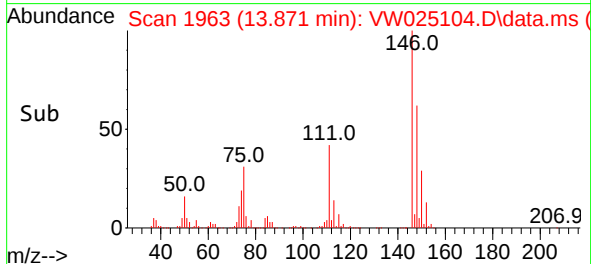
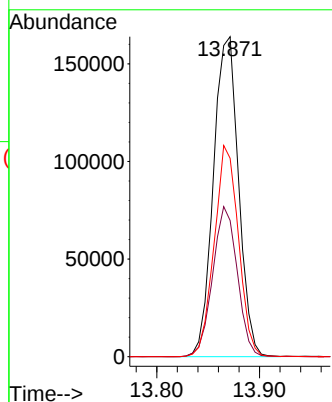
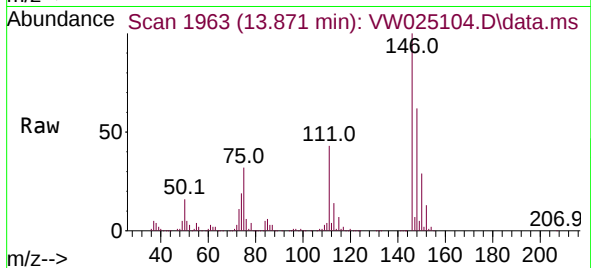
Tgt Ion:146 Resp: 278319

Ion Ratio Lower Upper

146 100

111 42.5 34.2 51.4

148 62.0 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 23.078 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

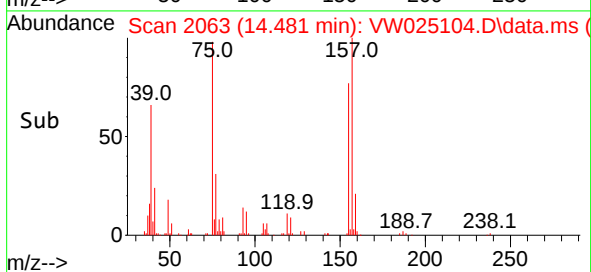
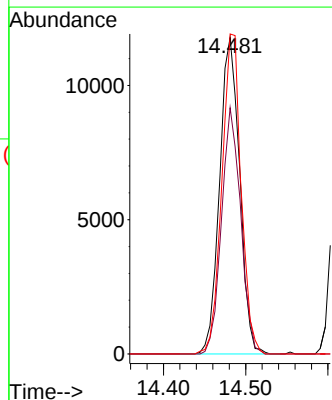
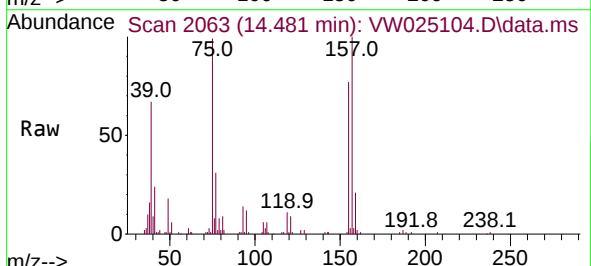
Tgt Ion: 75 Resp: 19887

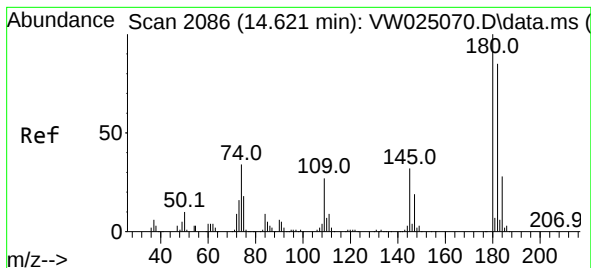
Ion Ratio Lower Upper

75 100

155 77.8 61.2 91.8

157 101.1 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 26.333 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

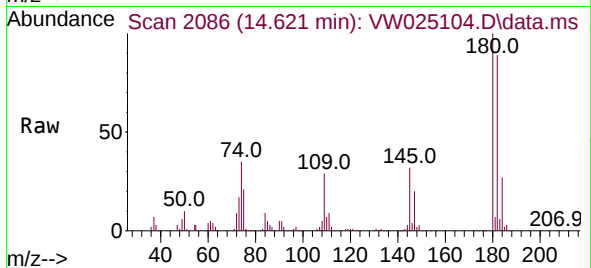
Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 202985

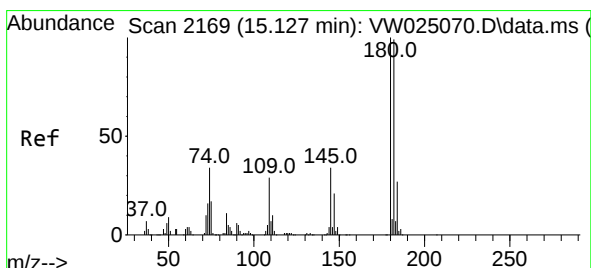
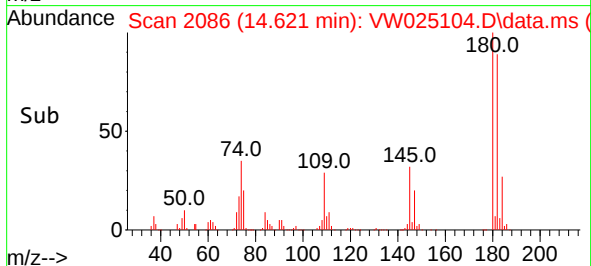
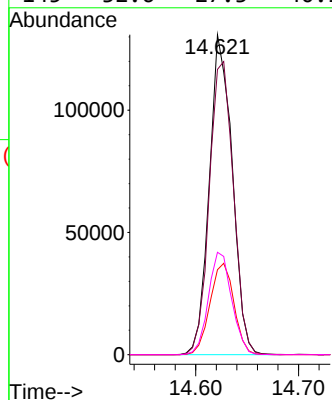
Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

184 29.9 23.4 35.2

145 32.6 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 26.310 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

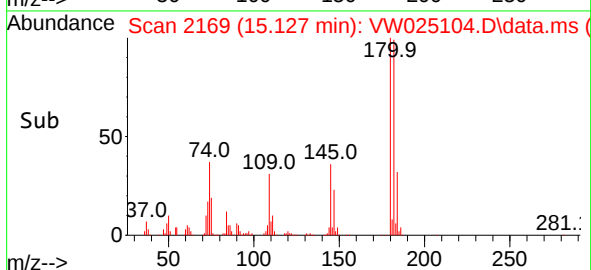
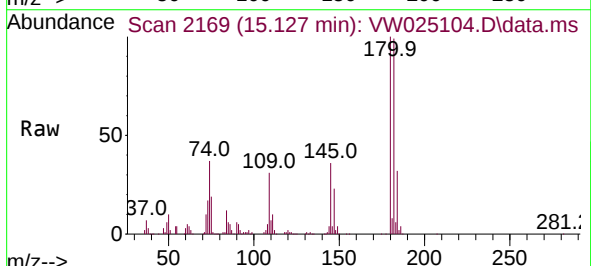
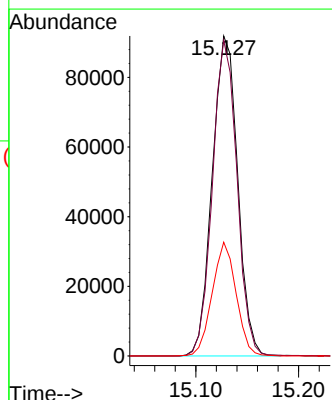
Tgt Ion:180 Resp: 157633

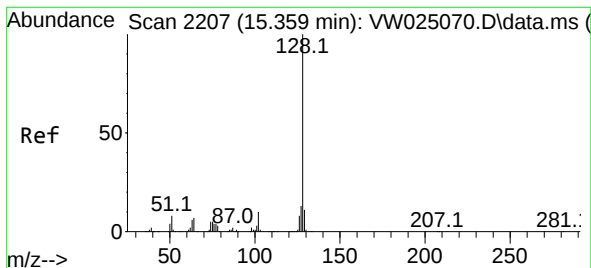
Ion Ratio Lower Upper

180 100

182 95.2 74.9 112.3

145 33.5 27.0 40.4





#71

Naphthalene

Concen: 25.485 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Instrument :

MSVOA_W

ClientSampleId :

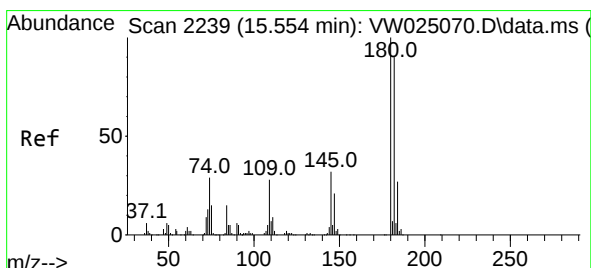
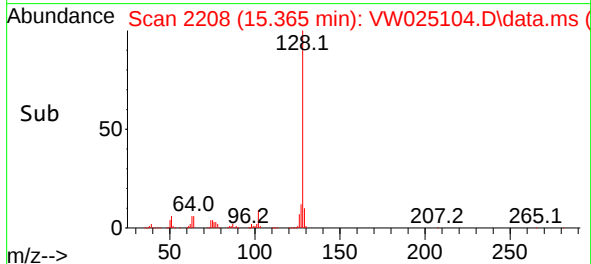
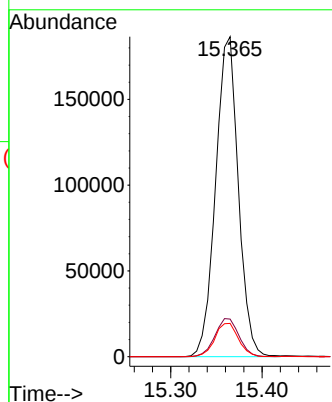
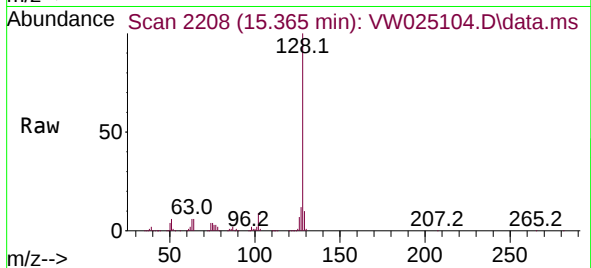
Tgt Ion:128 Resp: 322106

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.934 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW025104.D

Acq: 18 Nov 2022 17:48

Tgt Ion:180 Resp: 135385

Ion Ratio Lower Upper

180 100

182 92.4 74.1 111.1

145 35.2 28.2 42.2

