

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027542.D
 Acq On : 06 Nov 2023 11:42
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:48:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:38:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	462790	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	419791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	196492	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	204757	24.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
7) Chloroethane-d5	2.899	69	144527	25.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.320%
11) 1,1-Dichloroethene-d2	4.021	65	89063	24.388	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.560%
21) 2-Butanone-d5	7.075	46	87620	48.436	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.880%
24) Chloroform-d	7.648	84	344316	25.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	8.300	65	175664	25.605	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	8.270	84	733773	26.144	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.560%
36) 1,2-Dichloropropane-d6	9.270	67	220300	25.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	10.318	98	655173	26.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.360%
43) trans-1,3-Dichloroprop...	10.574	79	86163	25.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.720%
47) 2-Hexanone-d5	10.922	63	68326	51.775	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148518	25.485	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	187604	25.118	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	112447	22.050	ug/L	99
3) Chloromethane	2.222	50	173069	25.312	ug/L	99
5) Vinyl chloride	2.375	62	191253	24.655	ug/L	98
6) Bromomethane	2.789	94	107547	25.143	ug/L	95
8) Chloroethane	2.935	64	110539	25.103	ug/L	100
9) Trichlorofluoromethane	3.271	101	130418	22.214	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	150077	24.676	ug/L	92
12) 1,1-Dichloroethene	4.039	96	148137	24.258	ug/L	84
13) Acetone	4.124	43	88449	46.140	ug/L	99
14) Carbon disulfide	4.386	76	517294	24.627	ug/L	100
15) Methyl Acetate	4.667	43	70705	24.006	ug/L	100
16) Methylene chloride	4.917	84	163126	21.596	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	162724	25.159	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	233855	24.235	ug/L	98
19) 1,1-Dichloroethane	6.215	63	326534	25.359	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	173317	24.790	ug/L	98
22) 2-Butanone	7.166	43	114852	46.522	ug/L	99
23) Bromochloromethane	7.508	128	69419	23.881	ug/L	95
25) Chloroform	7.672	83	300097	25.102	ug/L	95

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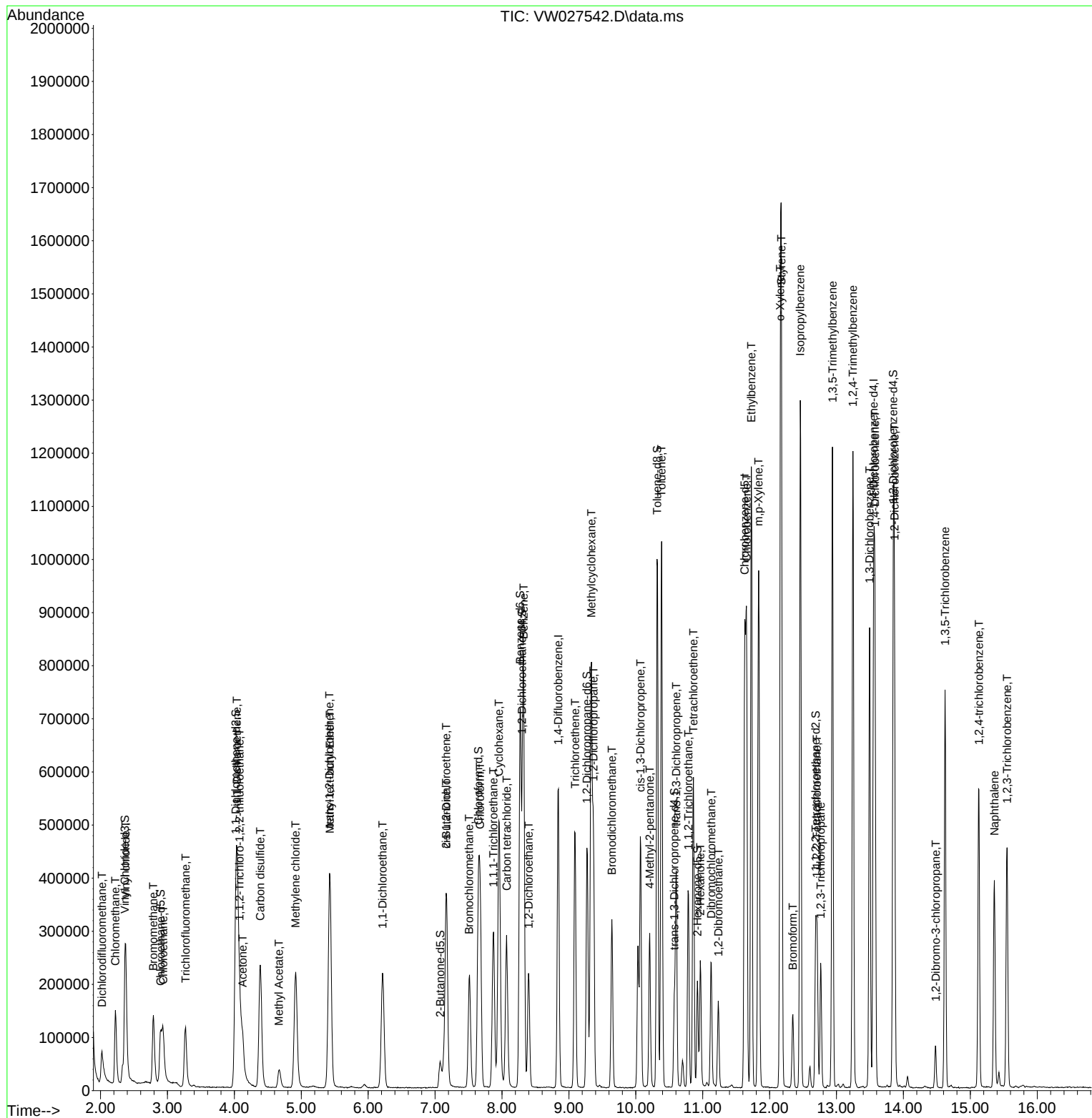
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	197758	25.139	ug/L	98
29) Cyclohexane	7.953	56	311453	24.492	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	238705	24.296	ug/L	99
31) Carbon tetrachloride	8.069	117	209497	24.360	ug/L	100
33) Benzene	8.325	78	690684	24.900	ug/L	100
34) Trichloroethene	9.093	95	174741	24.374	ug/L	97
35) Methylcyclohexane	9.337	83	318815	24.551	ug/L	99
37) 1,2-Dichloropropane	9.367	63	183844	25.208	ug/L	99
38) Bromodichloromethane	9.642	83	210124	25.329	ug/L #	96
39) cis-1,3-Dichloropropene	10.068	75	275797	25.538	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	199788	49.058	ug/L	100
42) Toluene	10.385	91	725921	25.225	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	221196	25.530	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	114298	24.102	ug/L	96
46) Tetrachloroethene	10.861	164	124507	24.200	ug/L	89
48) 2-Hexanone	10.964	43	156146	48.183	ug/L	100
49) Dibromochloromethane	11.129	129	120357	25.104	ug/L	98
50) 1,2-Dibromoethane	11.233	107	106241	23.907	ug/L	98
51) Chlorobenzene	11.653	112	437305	24.690	ug/L	95
52) Ethylbenzene	11.727	91	820371	24.996	ug/L	98
53) m,p-Xylene	11.836	106	305768	25.266	ug/L	96
54) o-Xylene	12.159	106	286816	25.033	ug/L	97
55) Styrene	12.178	104	502664	25.889	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	131945	23.751	ug/L	98
59) Bromoform	12.348	173	60528	23.866	ug/L	99
60) Isopropylbenzene	12.458	105	818494	25.433	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	96349	23.770	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	626287	25.524	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	636667	25.354	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	327648	25.054	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	320628	24.473	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	284998	24.974	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	19655	21.847	ug/L	87
69) 1,3,5-Trichlorobenzene	14.622	180	208564	24.862	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	173079	25.393	ug/L	95
71) Naphthalene	15.360	128	326868	25.754	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	143003	25.227	ug/L	99

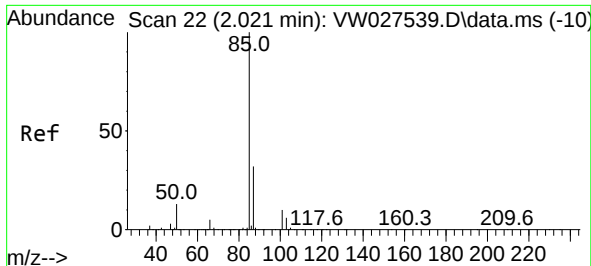
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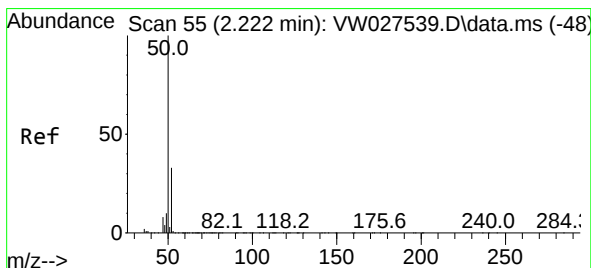
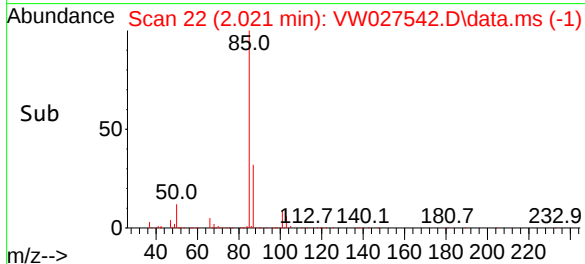
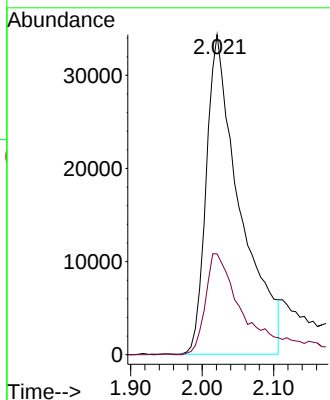
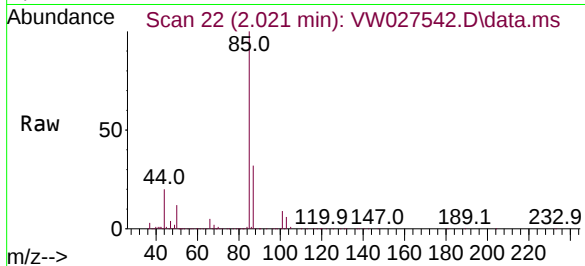




#2
 Dichlorodifluoromethane
 Concen: 22.050 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027542.D
 Acq: 06 Nov 2023 11:42

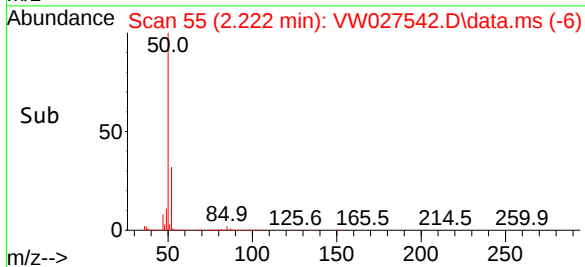
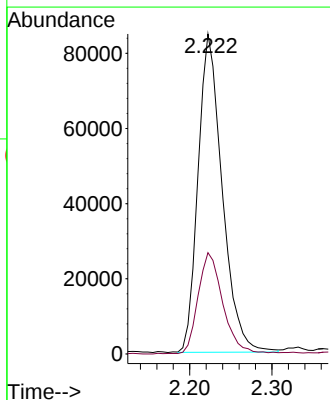
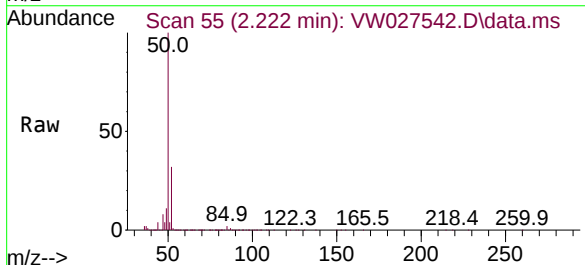
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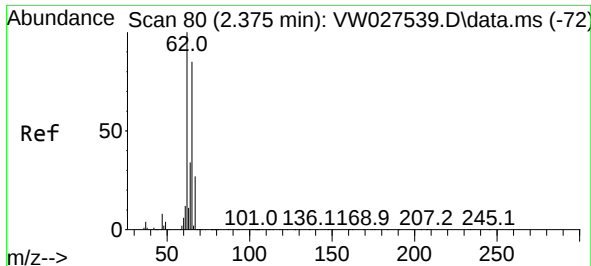
Tgt Ion: 85 Resp: 112447
 Ion Ratio Lower Upper
 85 100
 87 30.1 24.5 36.7



#3
 Chloromethane
 Concen: 25.312 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW027542.D
 Acq: 06 Nov 2023 11:42

Tgt Ion: 50 Resp: 173069
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.6 42.0

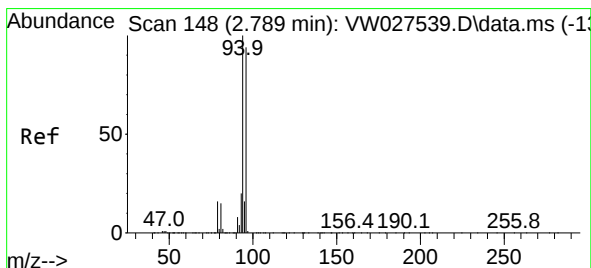
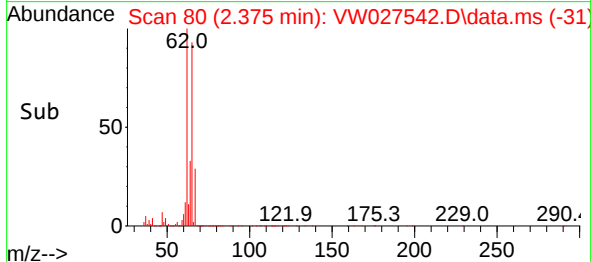
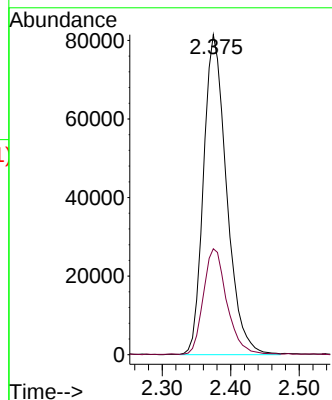
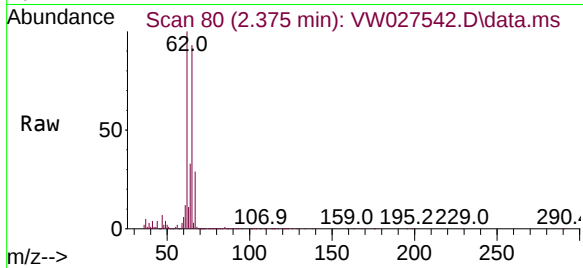




#5
 Vinyl chloride
 Concen: 24.655 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027542.D
 Acq: 06 Nov 2023 11:42

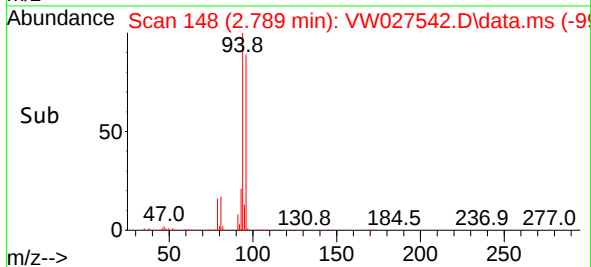
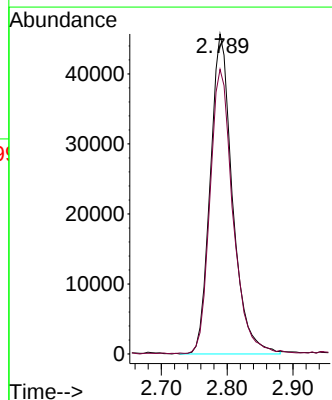
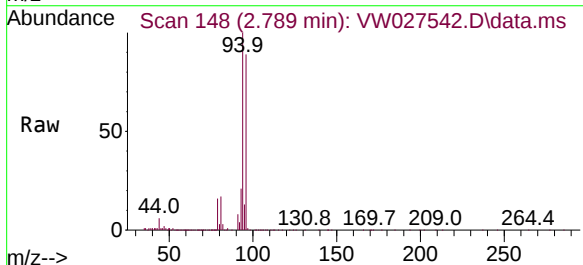
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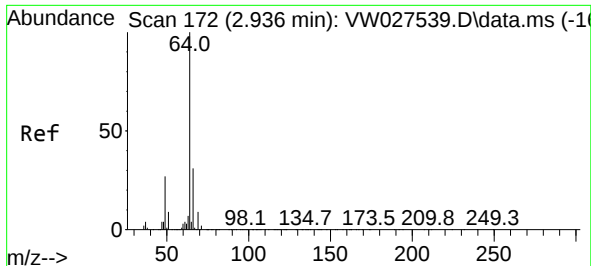
Tgt Ion: 62 Resp: 191253
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.9 44.3



#6
 Bromomethane
 Concen: 25.143 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027542.D
 Acq: 06 Nov 2023 11:42

Tgt Ion: 94 Resp: 107547
 Ion Ratio Lower Upper
 94 100
 96 89.0 65.7 122.1

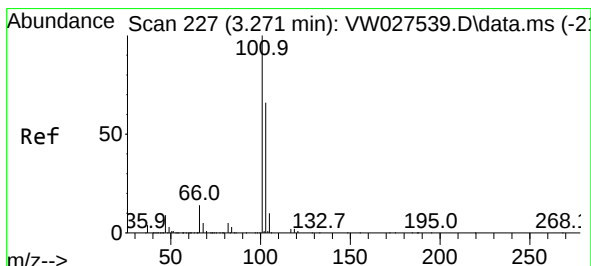
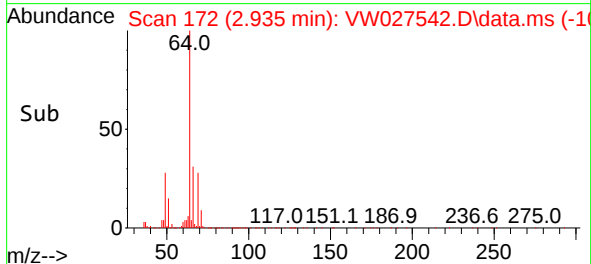
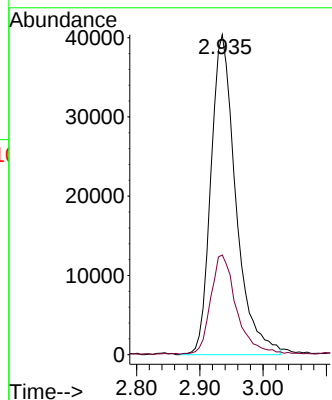
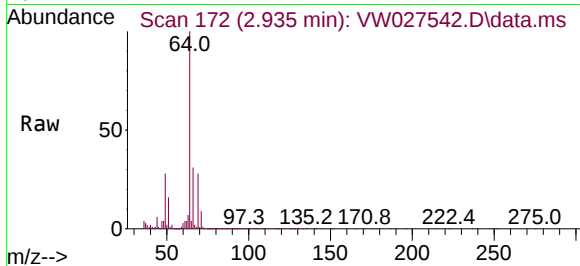




#8
Chloroethane
Concen: 25.103 ug/L
RT: 2.935 min Scan# 110539
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

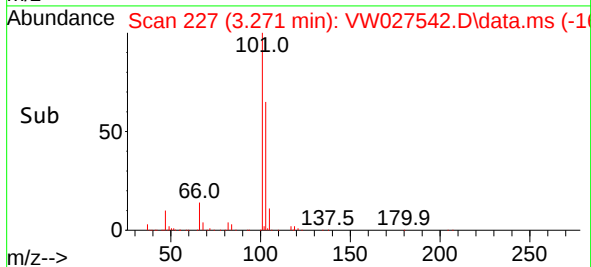
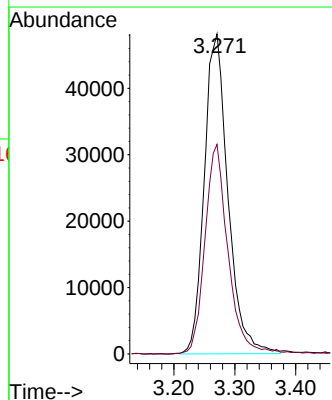
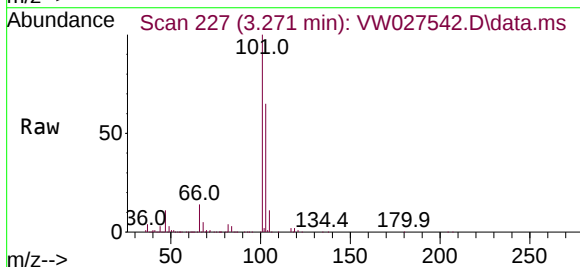
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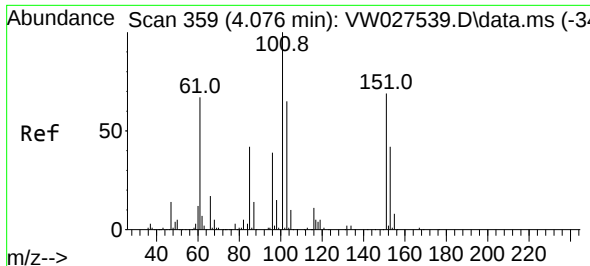
Tgt Ion: 64 Resp: 110539
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.6



#9
Trichlorofluoromethane
Concen: 22.214 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion: 101 Resp: 130418
Ion Ratio Lower Upper
101 100
103 63.1 52.6 78.8

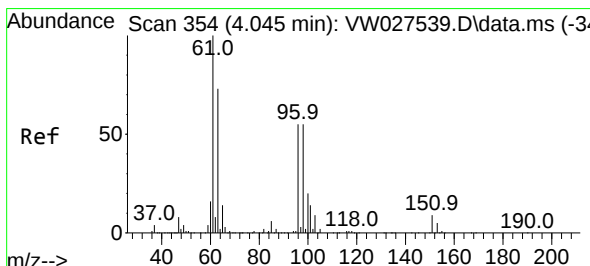
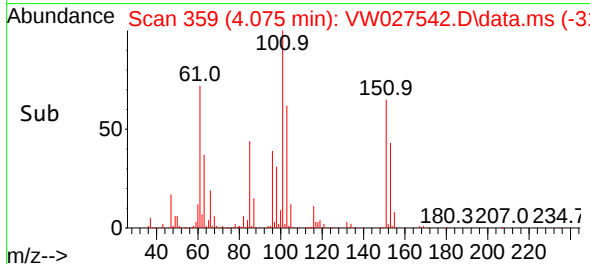
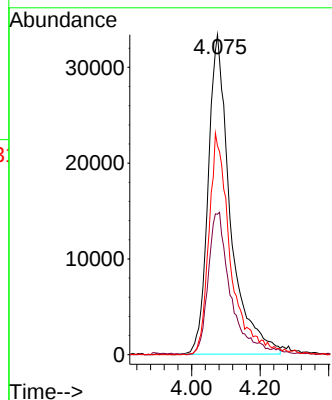
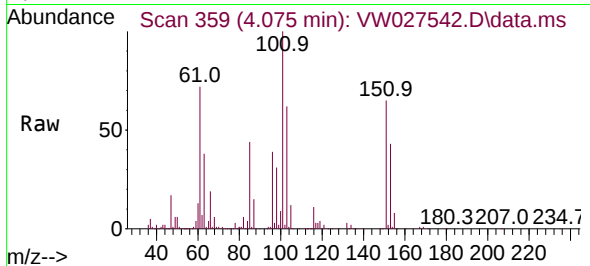




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.676 ug/L
 RT: 4.075 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW027542.D
 Acq: 06 Nov 2023 11:42

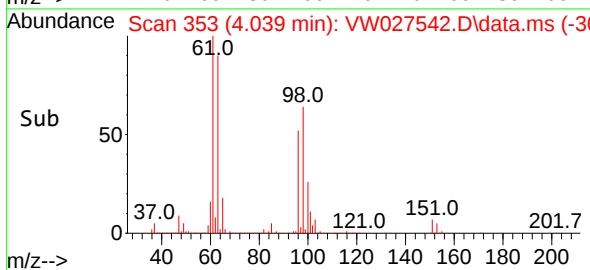
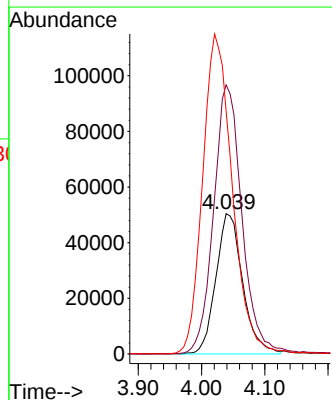
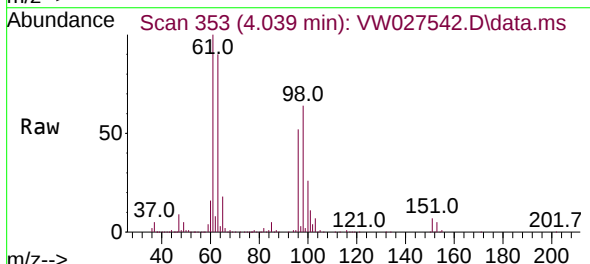
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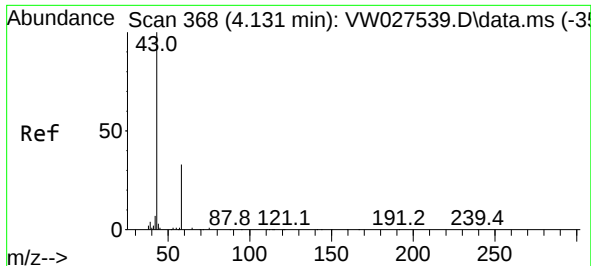
Tgt Ion:101 Resp: 150077
 Ion Ratio Lower Upper
 101 100
 85 42.1 35.6 53.4
 151 61.6 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 24.258 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027542.D
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Tgt Ion: 96 Resp: 148137
 Ion Ratio Lower Upper
 96 100
 61 191.8 128.9 239.3
 63 173.0 96.4 179.0

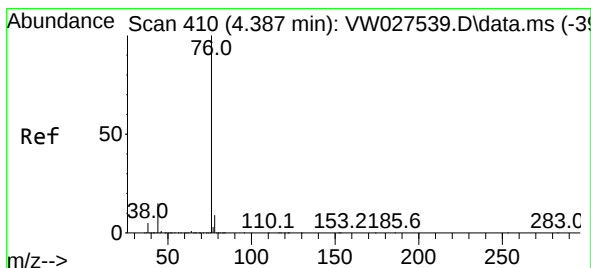
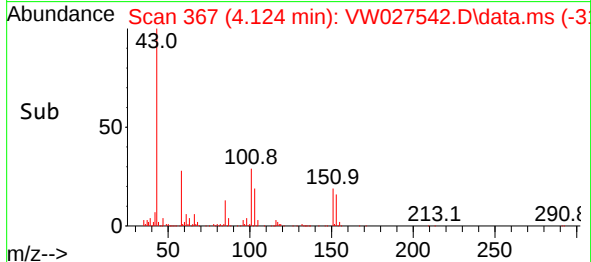
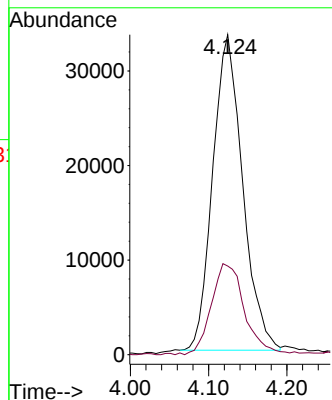
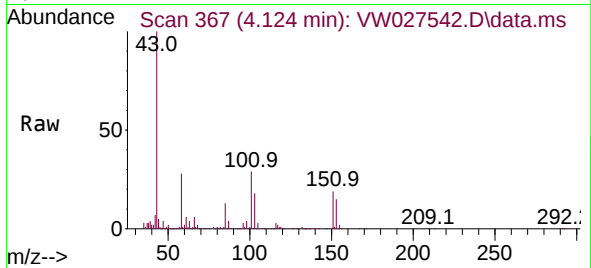




#13
Acetone
Concen: 46.140 ug/L
RT: 4.124 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

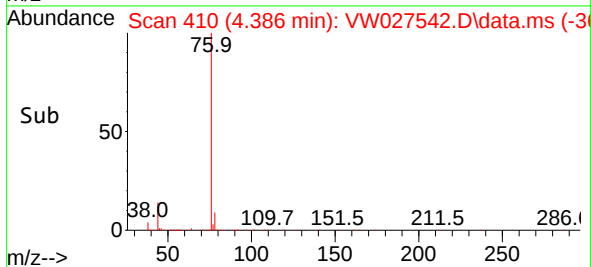
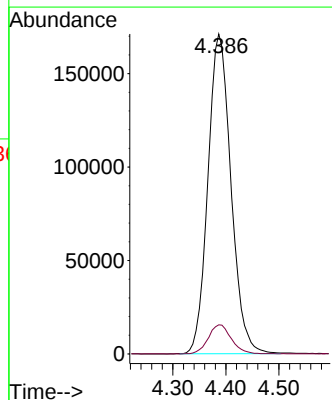
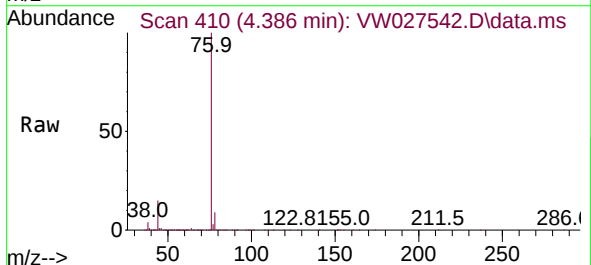
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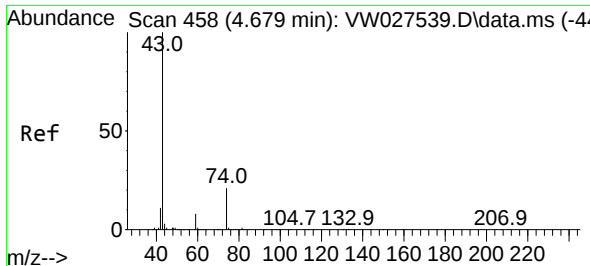
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Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.4



#14
Carbon disulfide
Concen: 24.627 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
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Acq: 06 Nov 2023 11:42

Tgt Ion: 76 Resp: 517294
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

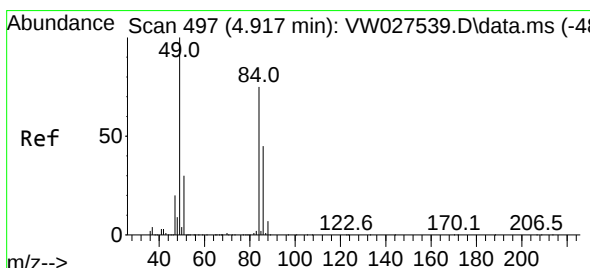
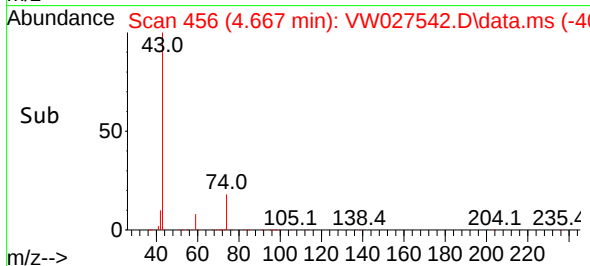
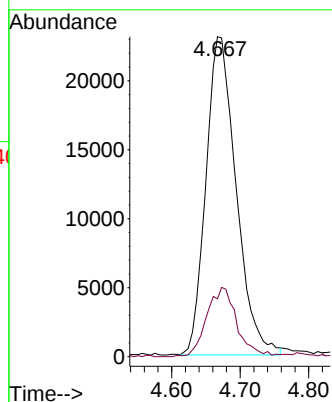
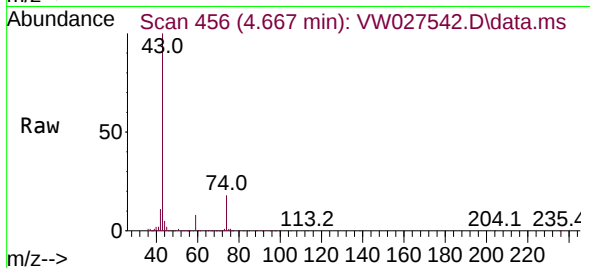




#15
Methyl Acetate
Concen: 24.006 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

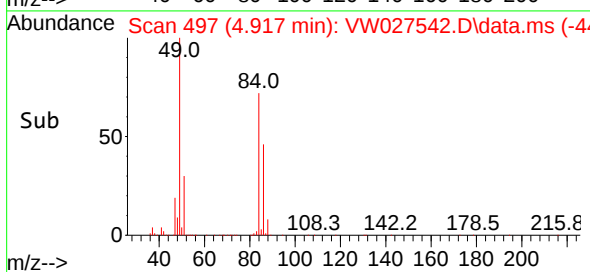
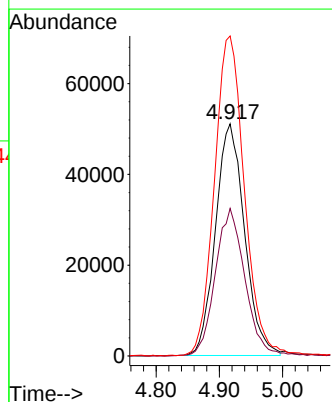
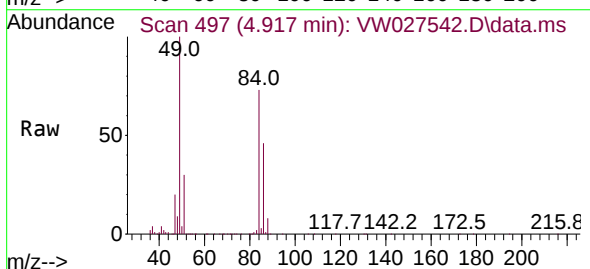
Instrument :
MSVOA_W
ClientSampleId :

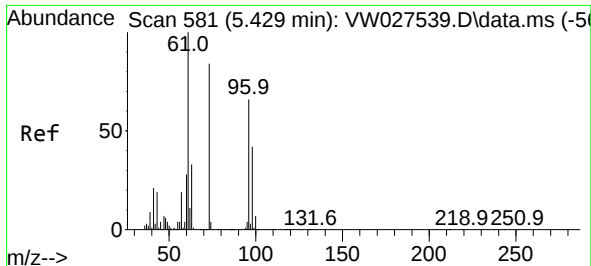
Tgt Ion: 43 Resp: 70705
Ion Ratio Lower Upper
43 100
74 21.3 16.9 25.3



#16
Methylene chloride
Concen: 21.596 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

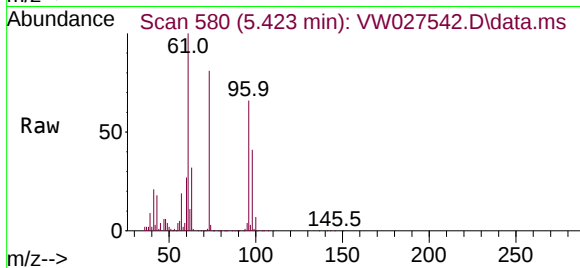
Tgt Ion: 84 Resp: 163126
Ion Ratio Lower Upper
84 100
86 63.5 42.7 79.3
49 137.8 94.0 174.6





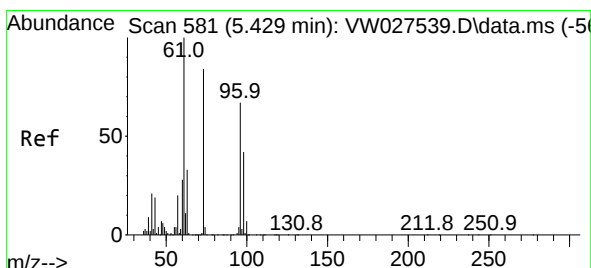
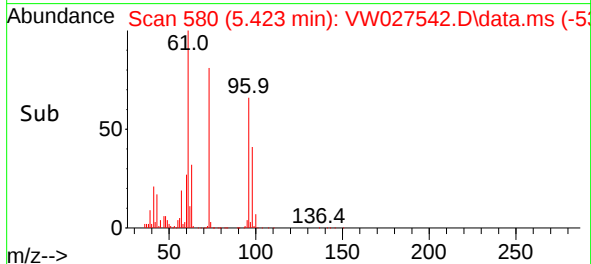
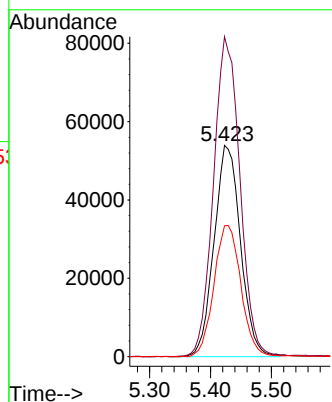
#17
trans-1,2-Dichloroethene
Concen: 25.159 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 162724

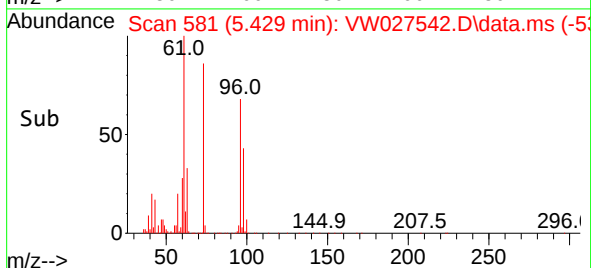
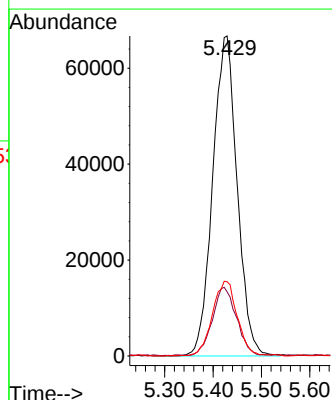
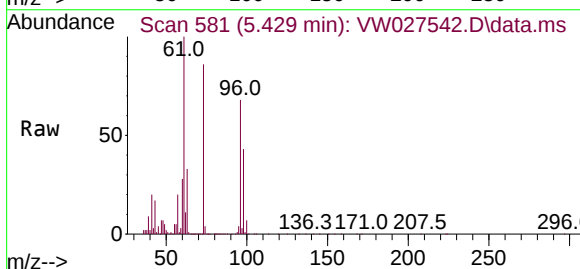
Ion	Ratio	Lower	Upper
96	100		
61	151.4	105.3	195.6
98	61.9	44.0	81.8

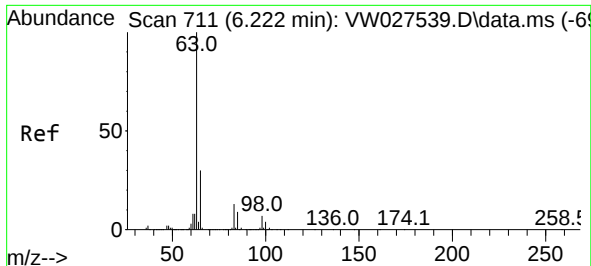


#18
Methyl tert-butyl Ether
Concen: 24.235 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion: 73 Resp: 233855

Ion	Ratio	Lower	Upper
73	100		
43	20.8	17.1	25.7
57	23.2	19.4	29.0





#19

1,1-Dichloroethane

Concen: 25.359 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.006 min

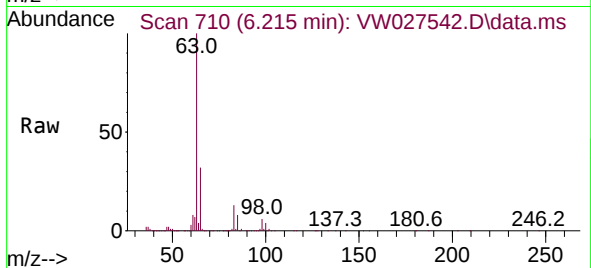
Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :



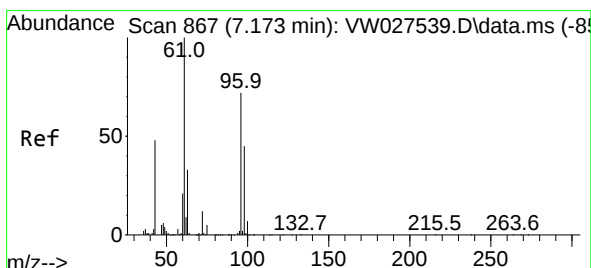
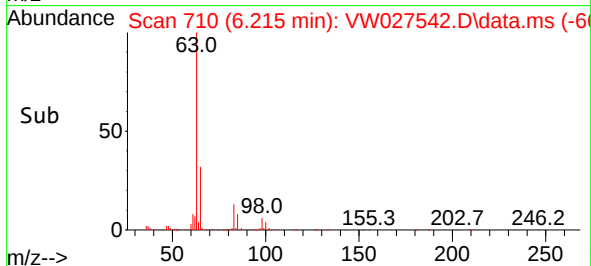
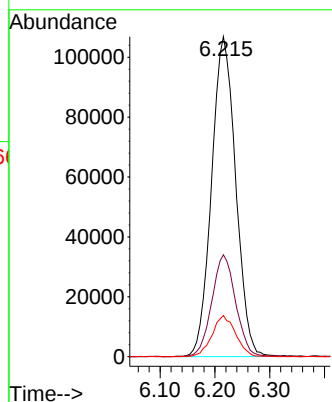
Tgt Ion: 63 Resp: 326534

Ion Ratio Lower Upper

63 100

65 31.8 21.1 39.3

83 12.9 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.790 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

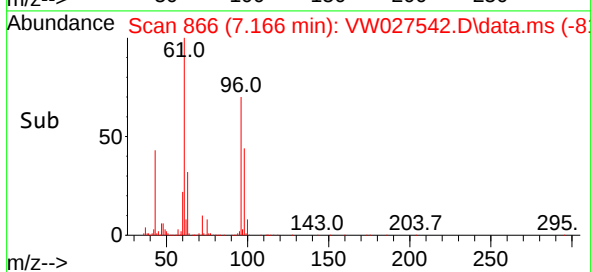
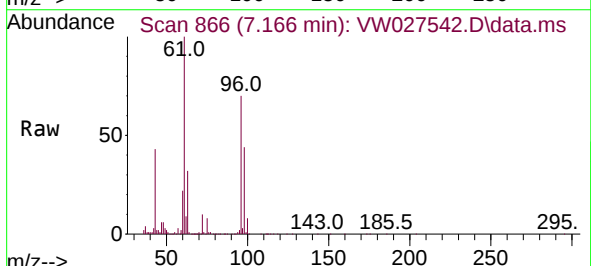
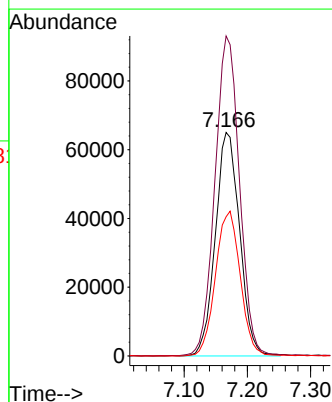
Tgt Ion: 96 Resp: 173317

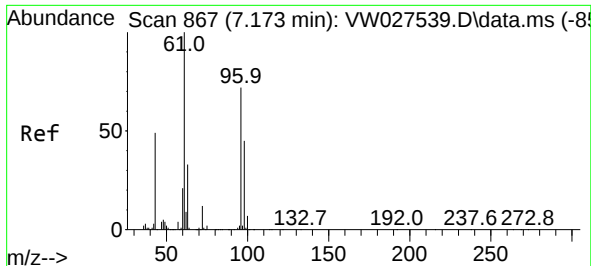
Ion Ratio Lower Upper

96 100

61 143.1 97.9 181.7

98 62.3 43.5 80.9

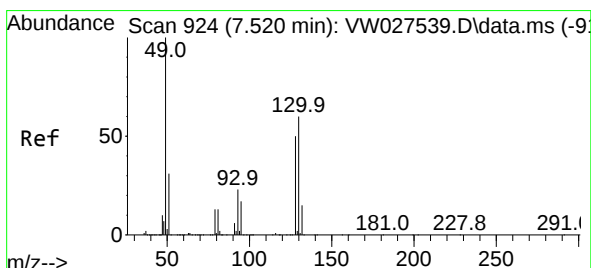
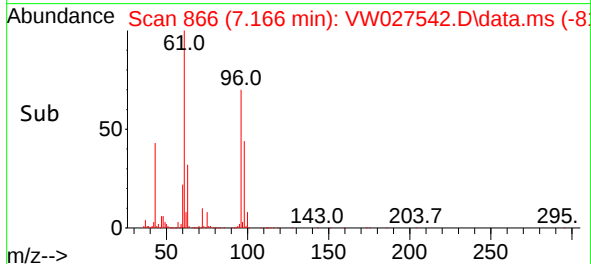
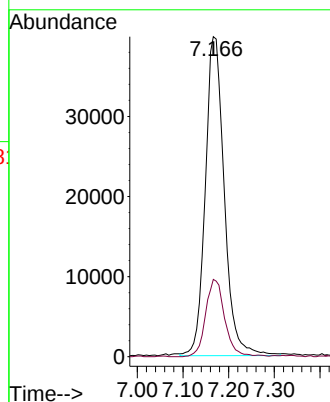
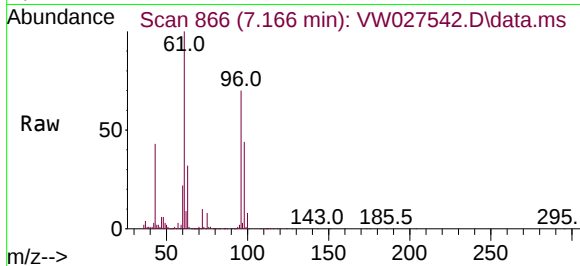




#22
2-Butanone
Concen: 46.522 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

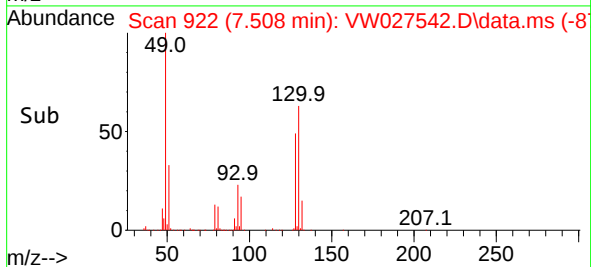
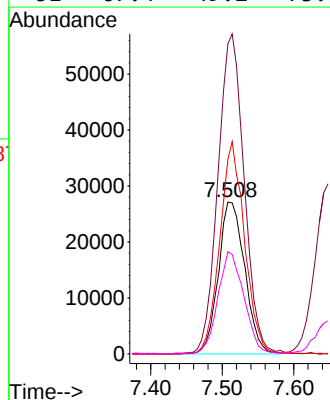
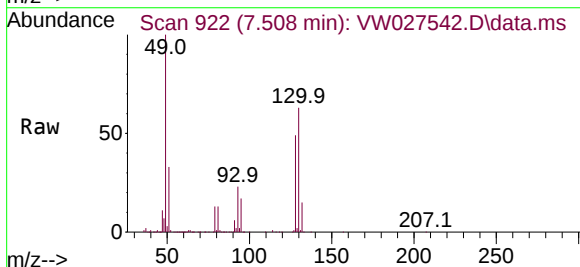
Instrument :
MSVOA_W
ClientSampleId :

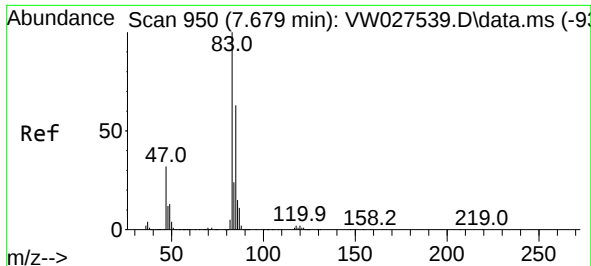
Tgt Ion: 43 Resp: 114852
Ion Ratio Lower Upper
43 100
72 24.2 12.3 36.9



#23
Bromochloromethane
Concen: 23.881 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.012 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion: 128 Resp: 69419
Ion Ratio Lower Upper
128 100
49 204.2 139.7 259.5
130 128.1 83.4 155.0
51 67.4 49.2 73.8





#25

Chloroform

Concen: 25.102 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

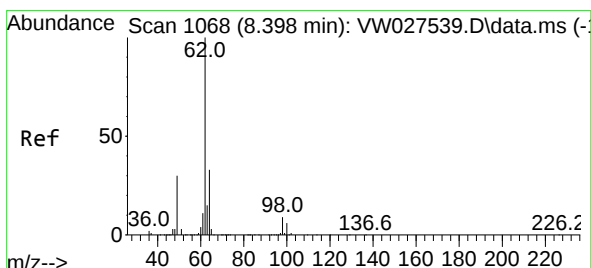
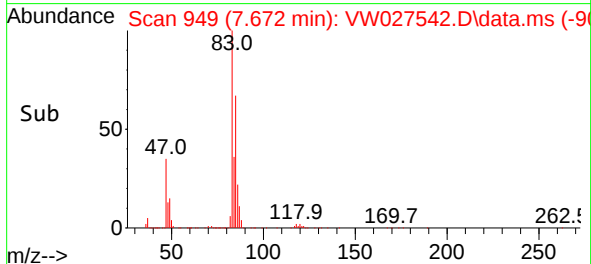
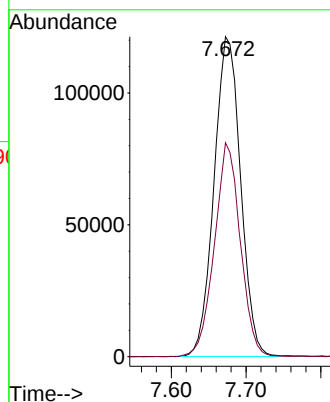
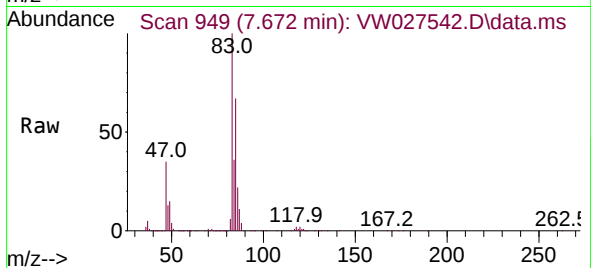
ClientSampleId :

Tgt Ion: 83 Resp: 300097

Ion Ratio Lower Upper

83 100

85 66.9 44.2 82.0



#27

1,2-Dichloroethane

Concen: 25.139 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW027542.D

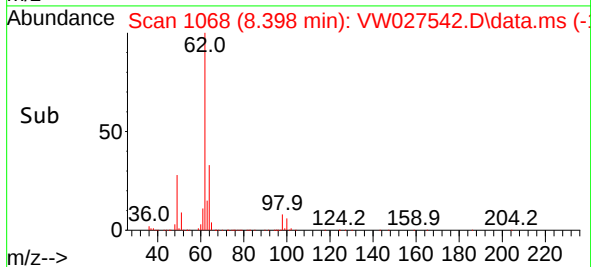
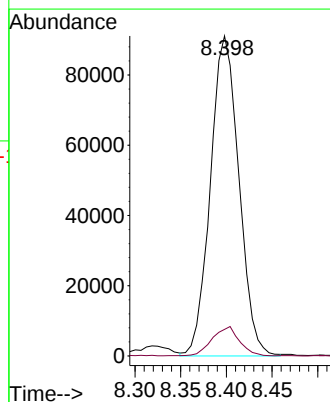
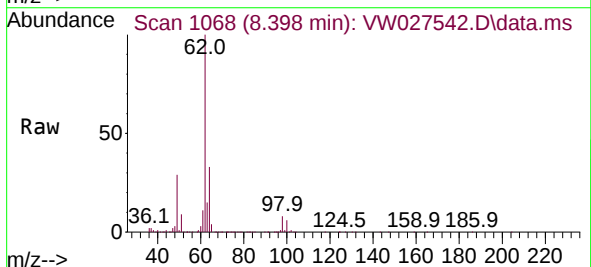
Acq: 06 Nov 2023 11:42

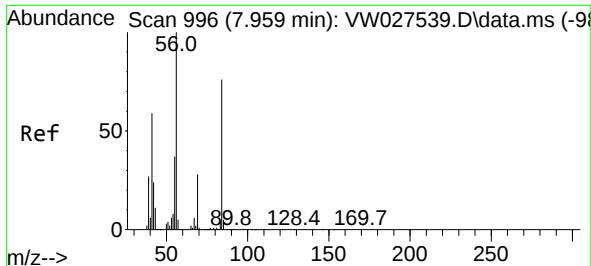
Tgt Ion: 62 Resp: 197758

Ion Ratio Lower Upper

62 100

98 8.3 7.4 11.0





#29

Cyclohexane

Concen: 24.492 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :

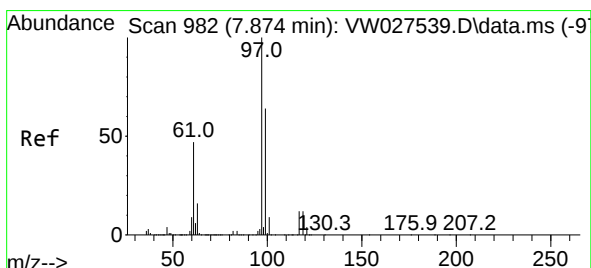
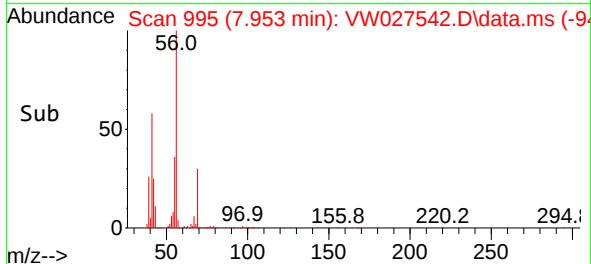
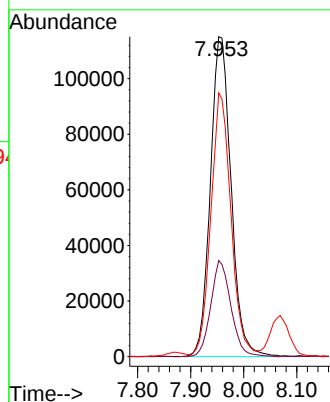
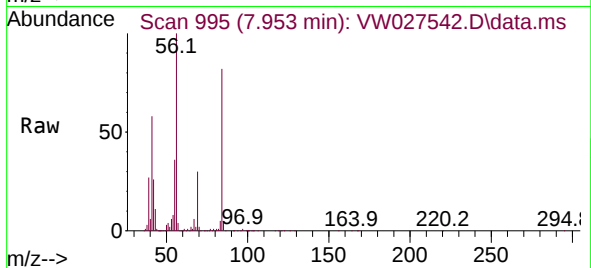
Tgt Ion: 56 Resp: 311453

Ion Ratio Lower Upper

56 100

69 29.3 23.0 34.6

84 80.1 63.6 95.4



#30

1,1,1-Trichloroethane

Concen: 24.296 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

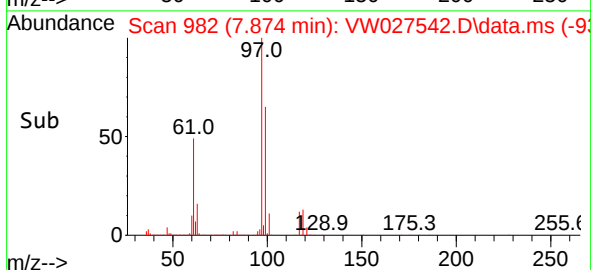
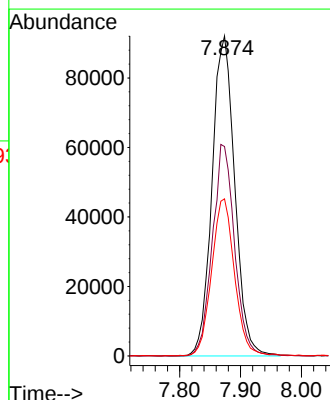
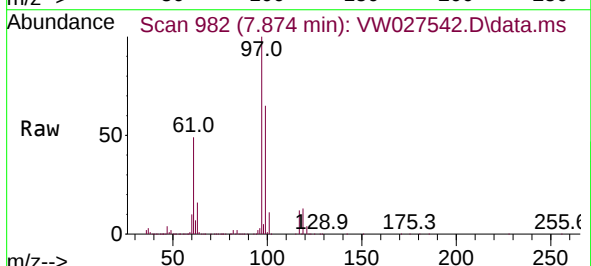
Tgt Ion: 97 Resp: 238705

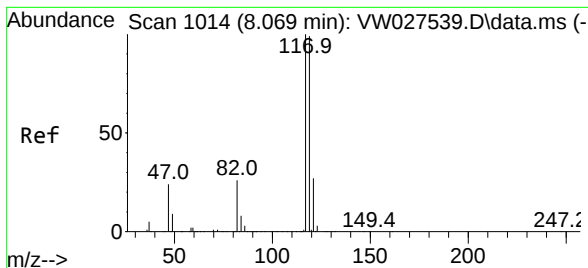
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 49.3 39.1 58.7





#31

Carbon tetrachloride

Concen: 24.360 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

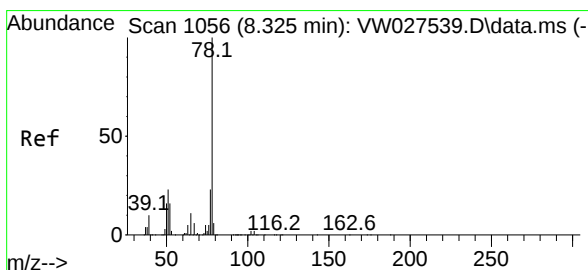
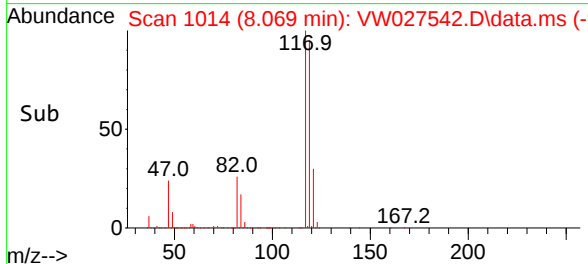
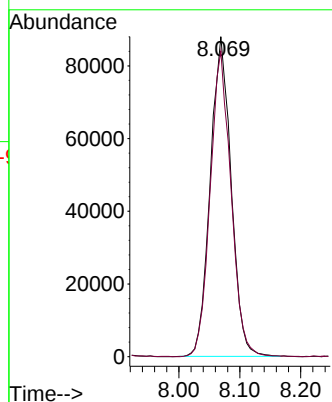
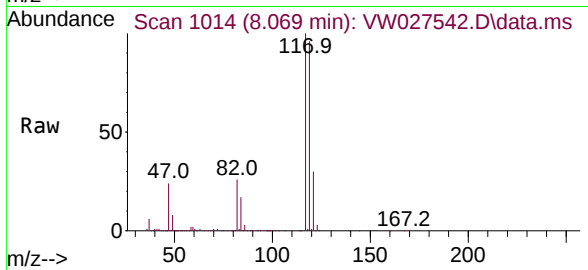
ClientSampleId :

Tgt Ion:117 Resp: 209497

Ion Ratio Lower Upper

117 100

119 95.2 76.5 114.7



#33

Benzene

Concen: 24.900 ug/L

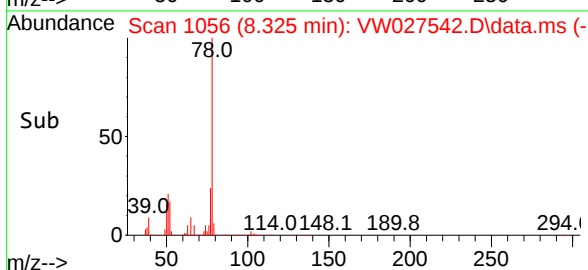
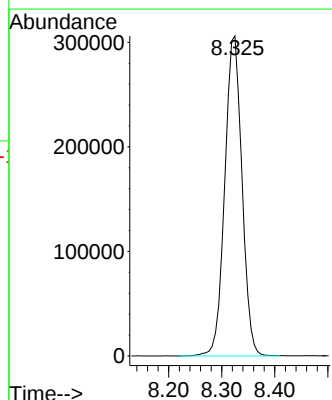
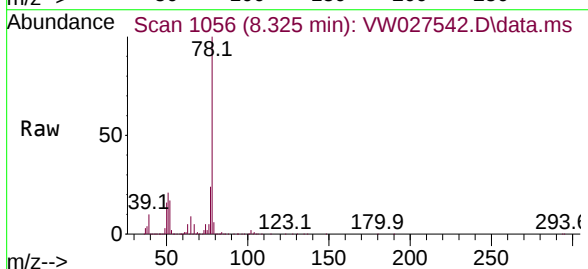
RT: 8.325 min Scan# 1056

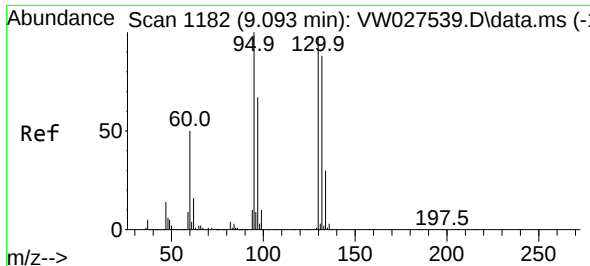
Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

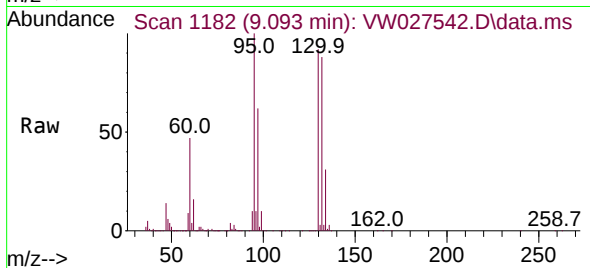
Tgt Ion: 78 Resp: 690684



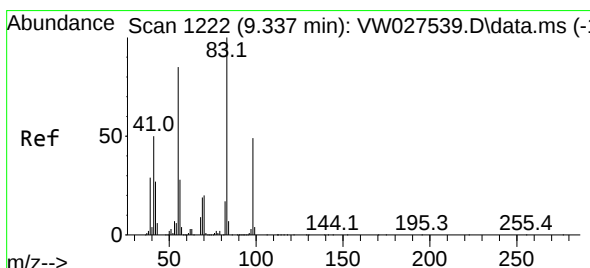
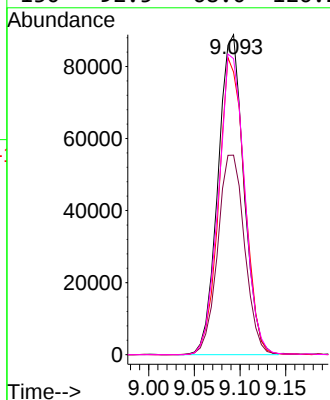
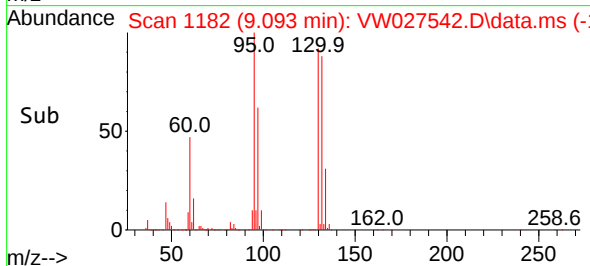


#34
Trichloroethene
Concen: 24.374 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Instrument :
MSVOA_W
ClientSampleId :

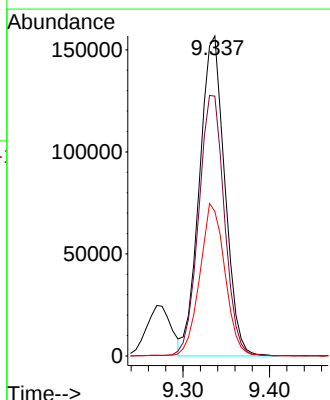
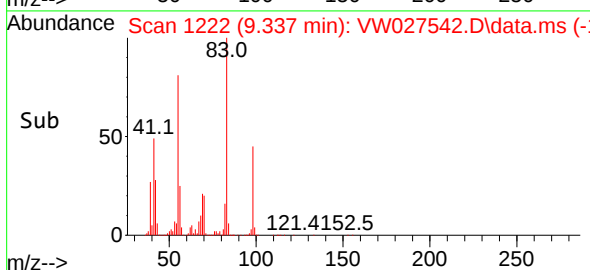
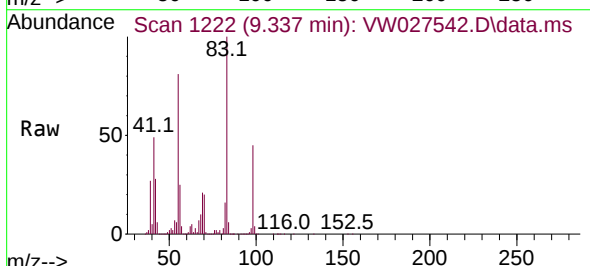


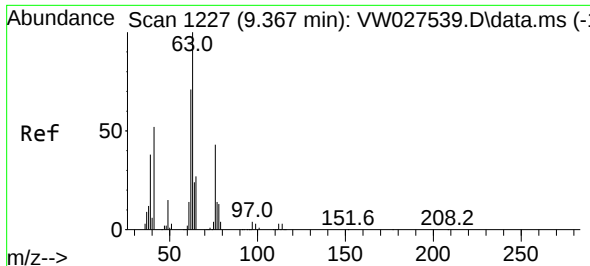
Tgt Ion: 95 Resp: 174741
Ion Ratio Lower Upper
95 100
97 62.3 46.9 87.1
132 88.3 61.8 114.8
130 92.5 68.0 126.2



#35
Methylcyclohexane
Concen: 24.551 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion: 83 Resp: 318815
Ion Ratio Lower Upper
83 100
55 82.4 66.2 99.2
98 47.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.208 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

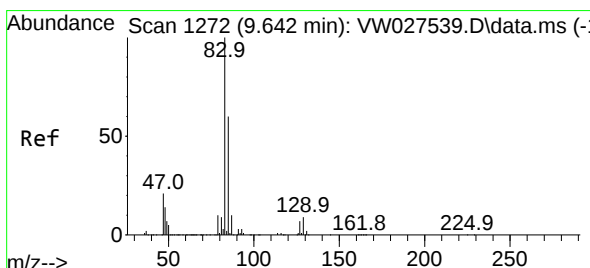
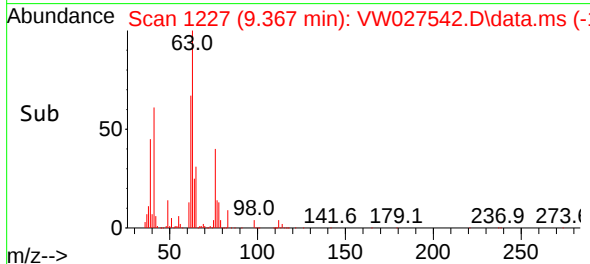
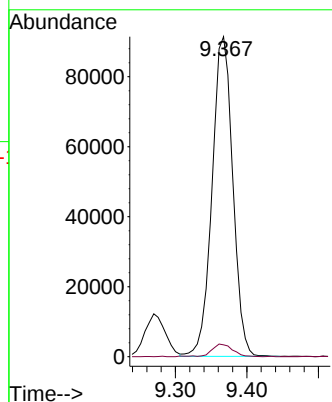
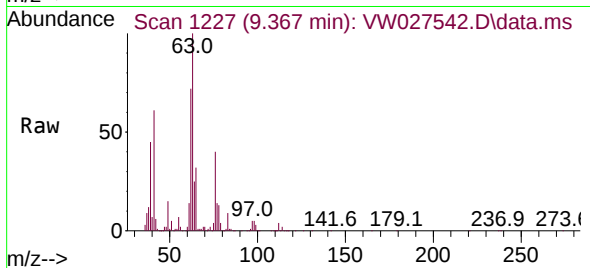
ClientSampleId :

Tgt Ion: 63 Resp: 183844

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 25.329 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

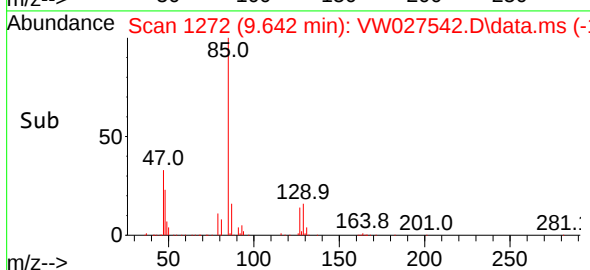
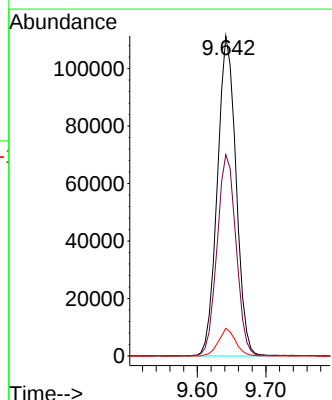
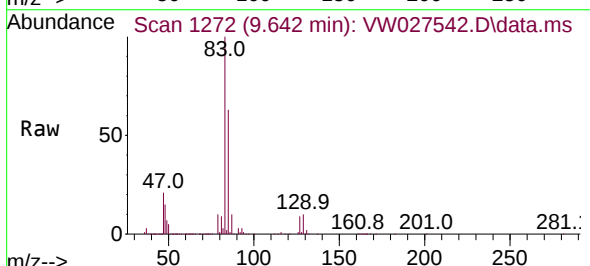
Tgt Ion: 83 Resp: 210124

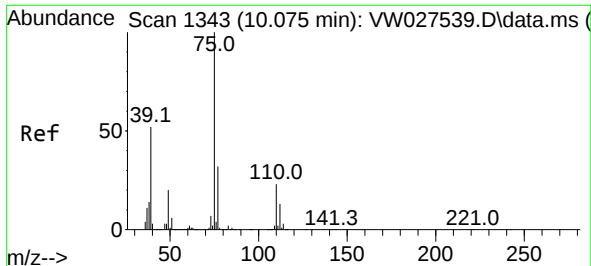
Ion Ratio Lower Upper

83 100

85 62.9 42.2 78.4

127 8.6 5.7 8.5#





#39

cis-1,3-Dichloropropene

Concen: 25.538 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

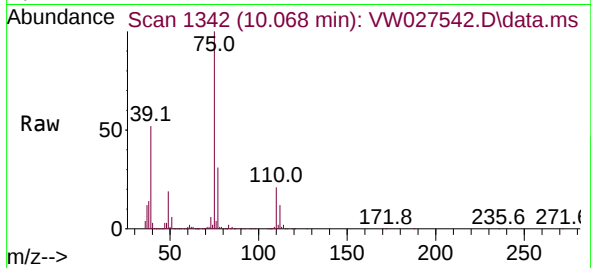
Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :

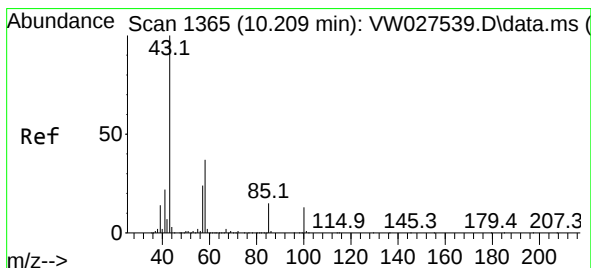
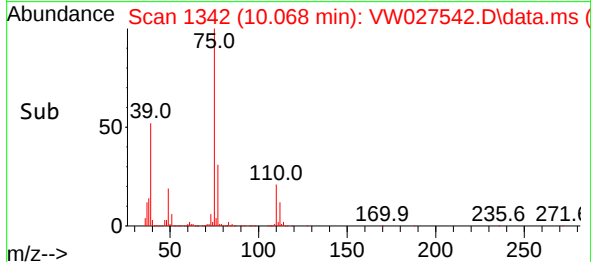
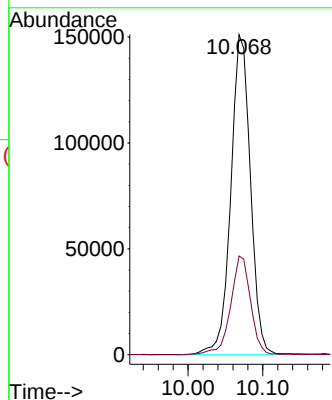


Tgt Ion: 75 Resp: 275797

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 49.058 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

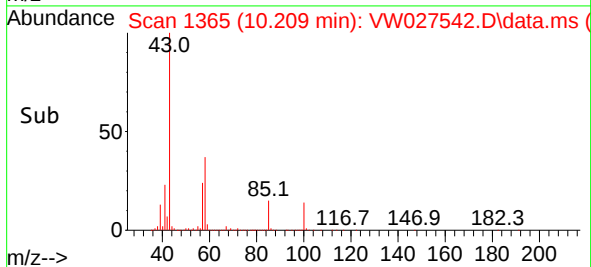
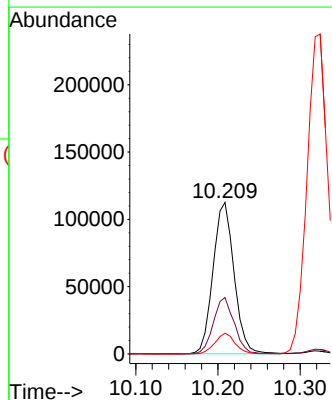
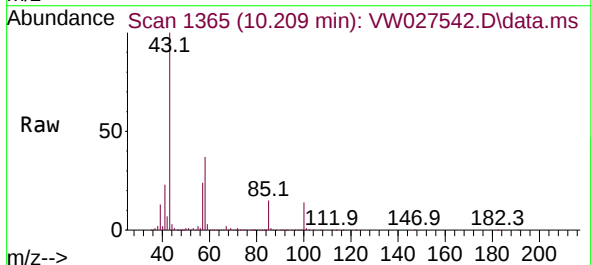
Tgt Ion: 43 Resp: 199788

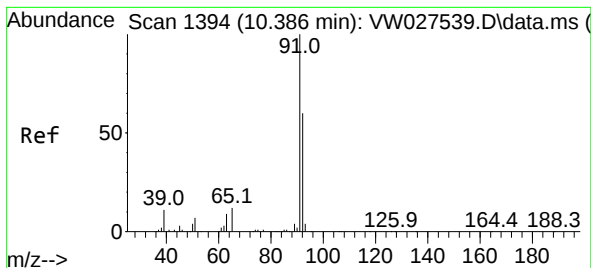
Ion Ratio Lower Upper

43 100

58 36.8 29.6 44.4

100 13.0 10.7 16.1





#42

Toluene

Concen: 25.225 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

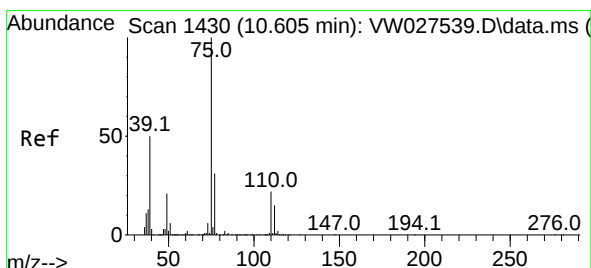
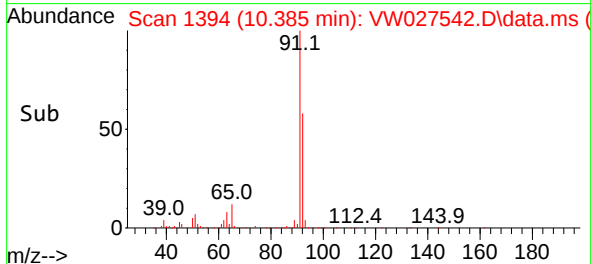
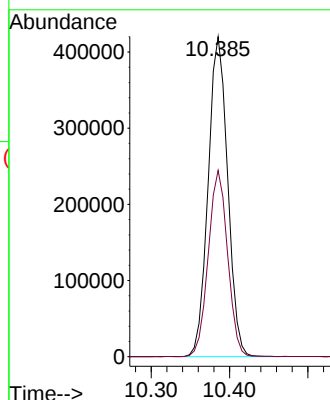
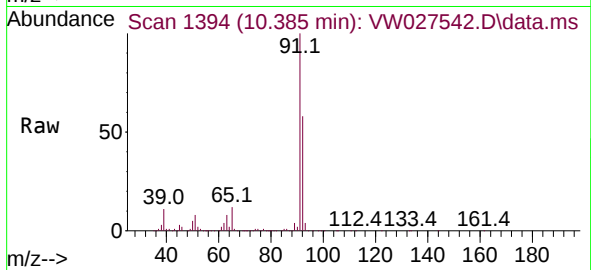
ClientSampleId :

Tgt Ion: 91 Resp: 725921

Ion Ratio Lower Upper

91 100

92 58.2 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 25.530 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027542.D

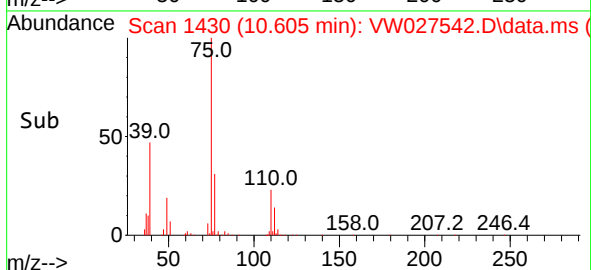
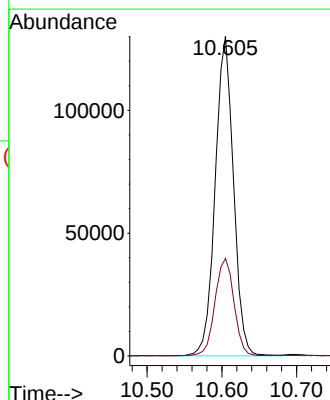
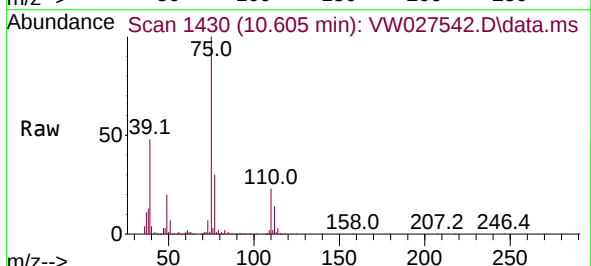
Acq: 06 Nov 2023 11:42

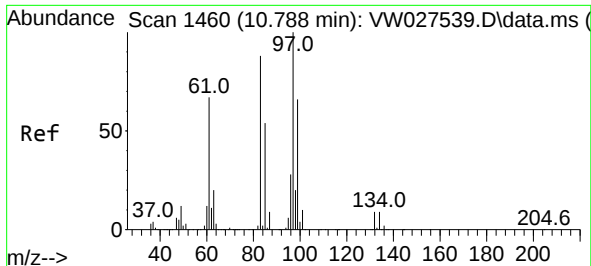
Tgt Ion: 75 Resp: 221196

Ion Ratio Lower Upper

75 100

77 30.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.102 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 114298

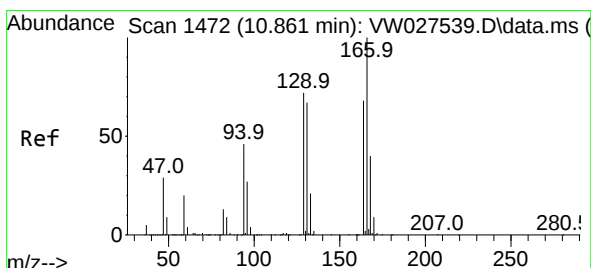
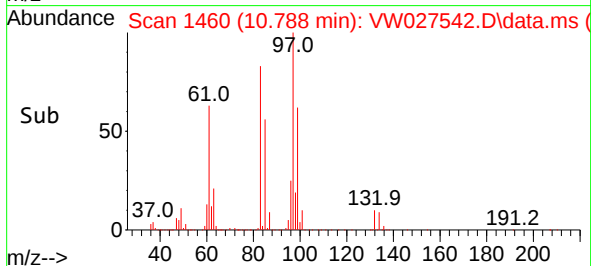
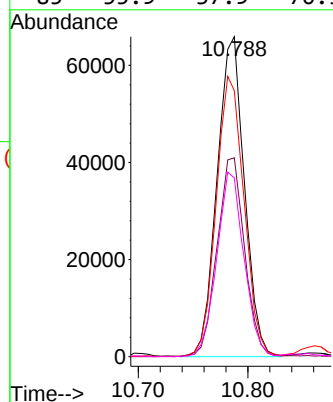
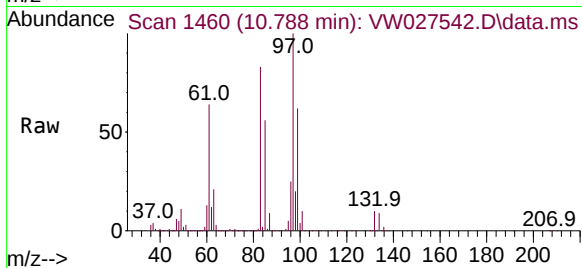
Ion Ratio Lower Upper

97 100

99 62.2 46.1 85.5

83 83.1 61.5 114.3

85 55.9 37.9 70.5



#46

Tetrachloroethene

Concen: 24.200 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Tgt Ion:164 Resp: 124507

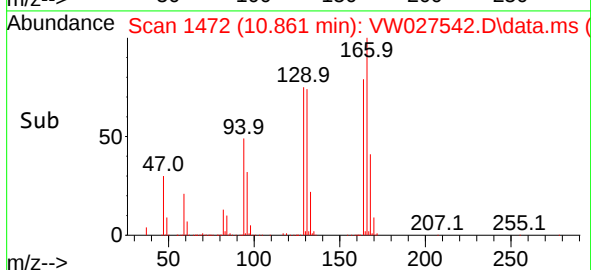
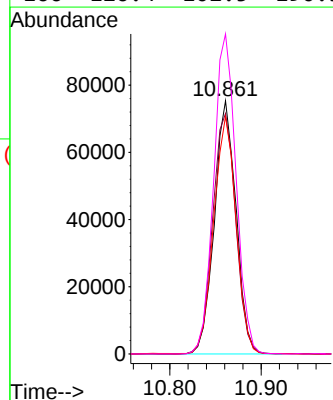
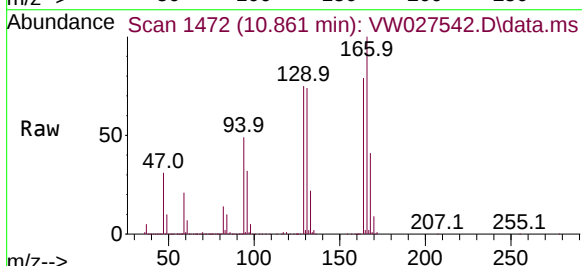
Ion Ratio Lower Upper

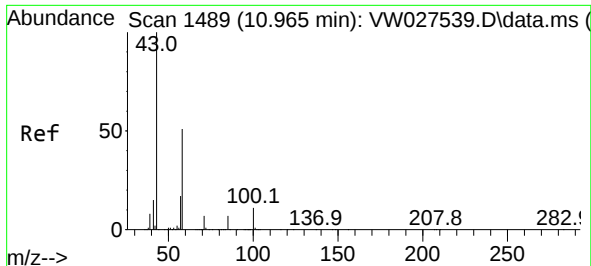
164 100

129 95.0 73.4 136.2

131 93.8 68.4 127.0

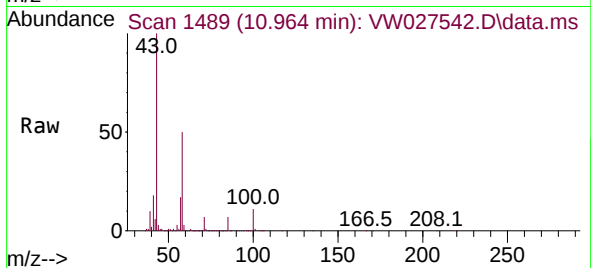
166 126.4 102.5 190.3



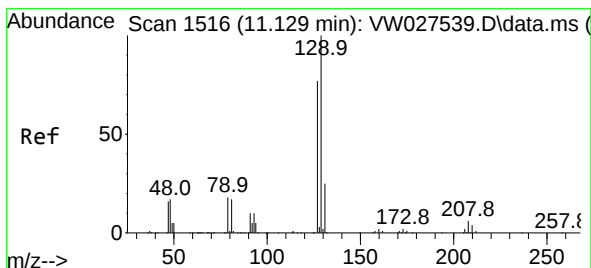
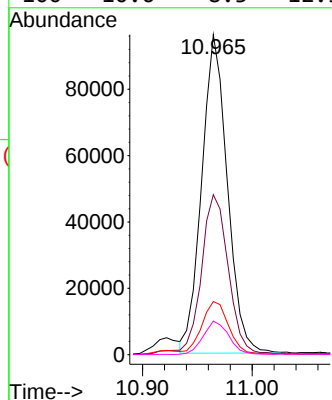
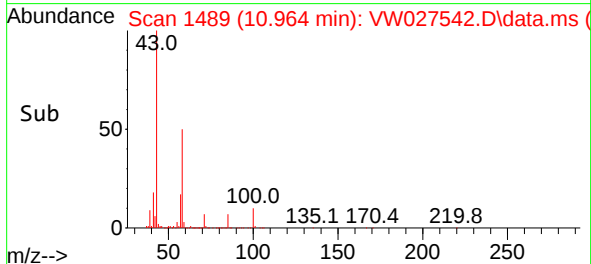


#48
2-Hexanone
Concen: 48.183 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Instrument :
MSVOA_W
ClientSampleId :

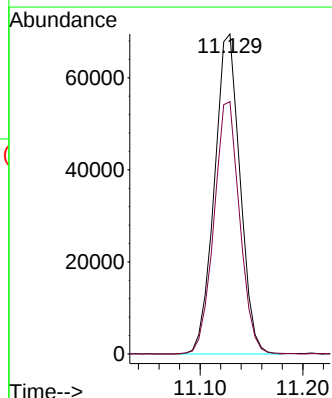
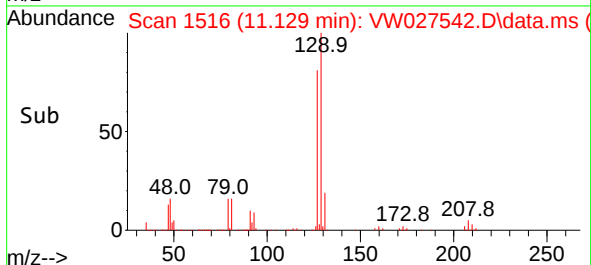
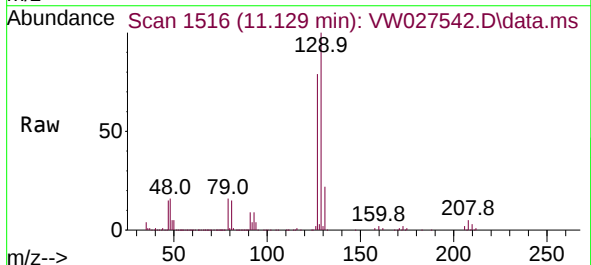


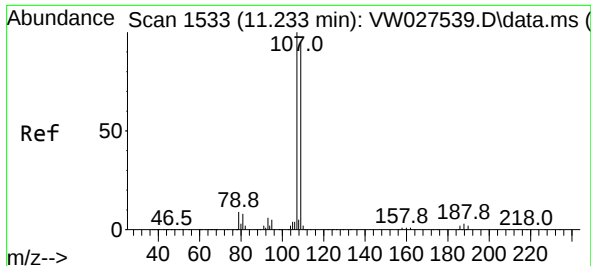
Tgt Ion: 43 Resp: 156146
Ion Ratio Lower Upper
43 100
58 52.4 41.7 62.5
57 17.7 14.2 21.2
100 10.6 8.3 12.5



#49
Dibromochloromethane
Concen: 25.104 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion: 129 Resp: 120357
Ion Ratio Lower Upper
129 100
127 78.8 54.1 100.5





#50

1,2-Dibromoethane

Concen: 23.907 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

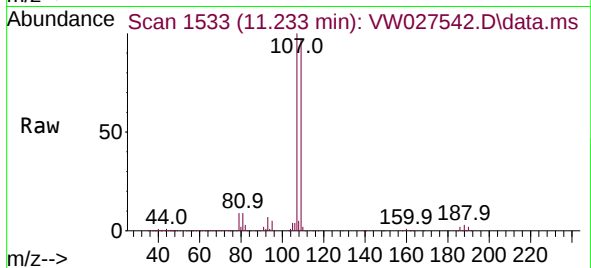
Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :



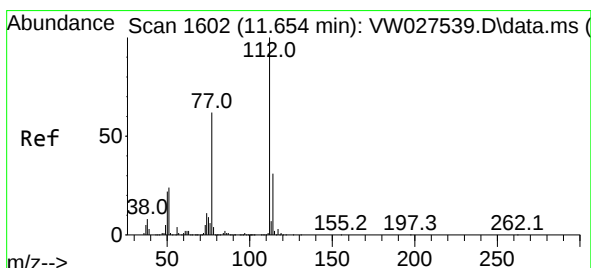
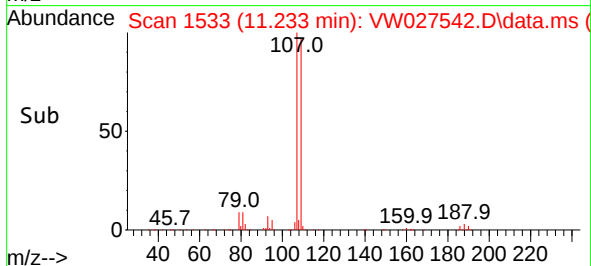
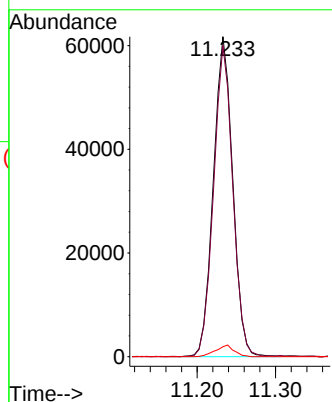
Tgt Ion:107 Resp: 106241

Ion Ratio Lower Upper

107 100

109 97.3 66.7 123.9

188 3.1 2.2 3.2



#51

Chlorobenzene

Concen: 24.690 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

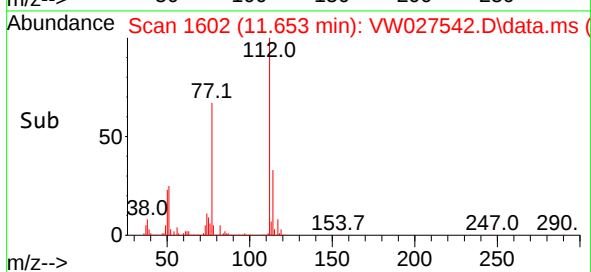
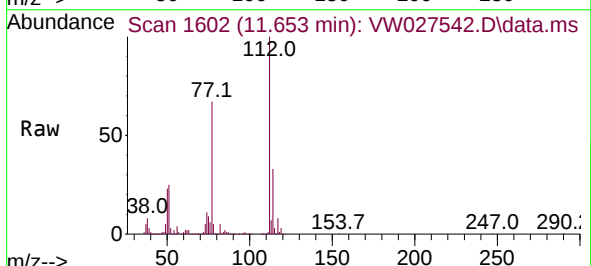
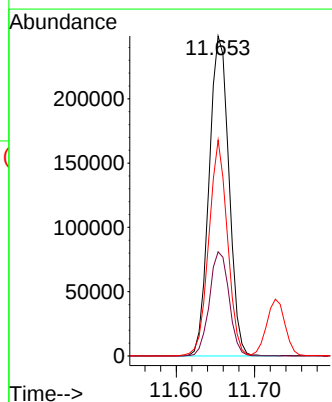
Tgt Ion:112 Resp: 437305

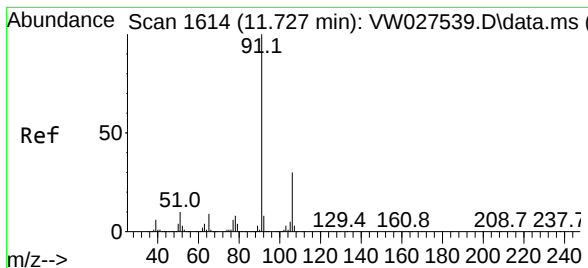
Ion Ratio Lower Upper

112 100

114 32.6 21.7 40.3

77 67.4 49.9 74.9

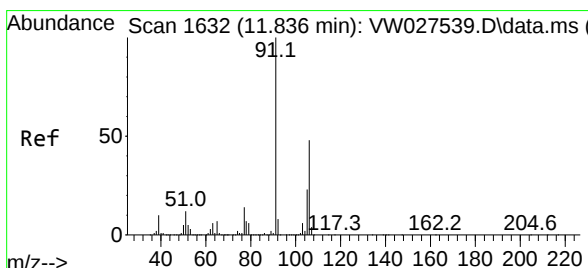
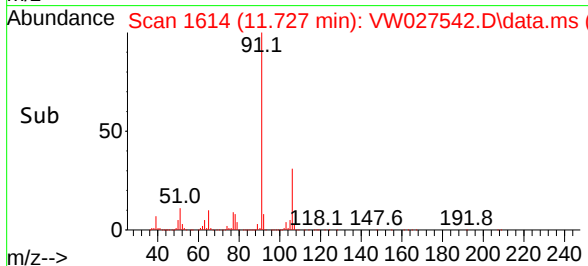
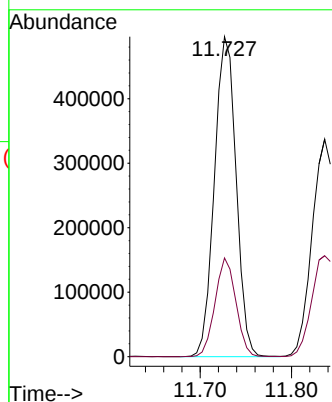
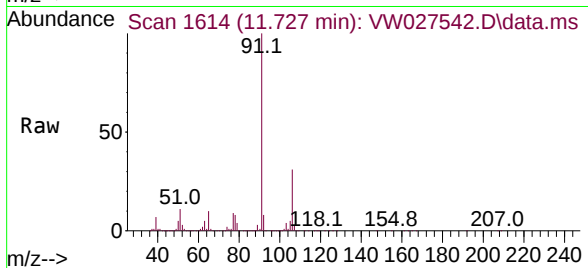




#52
Ethylbenzene
Concen: 24.996 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

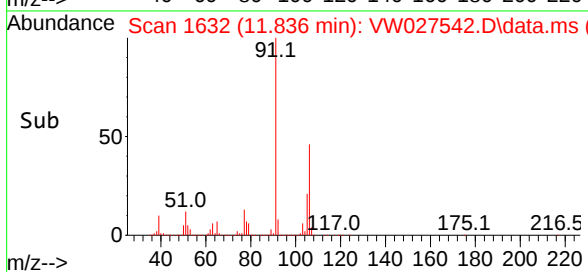
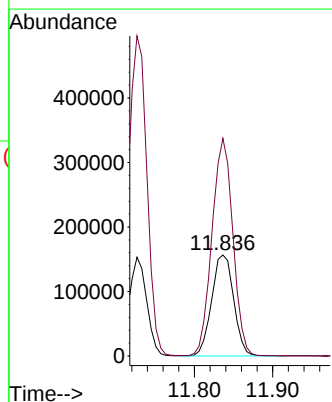
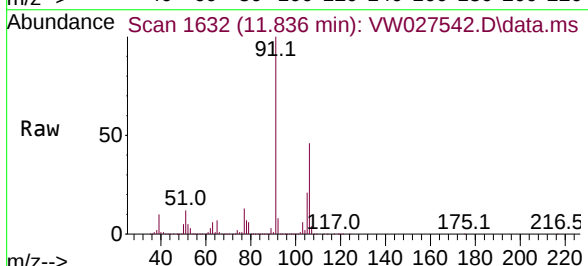
Instrument :
MSVOA_W
ClientSampleId :

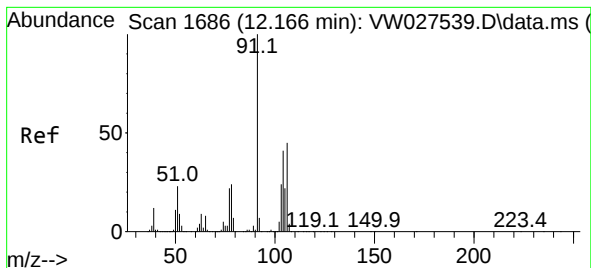
Tgt Ion: 91 Resp: 820371
Ion Ratio Lower Upper
91 100
106 30.9 20.9 38.7



#53
m,p-Xylene
Concen: 25.266 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion:106 Resp: 305768
Ion Ratio Lower Upper
106 100
91 215.6 146.3 271.7

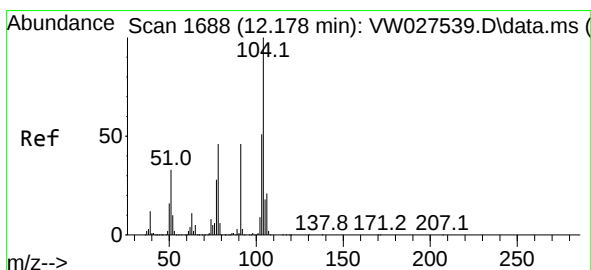
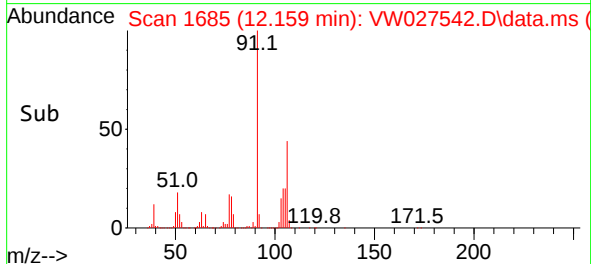
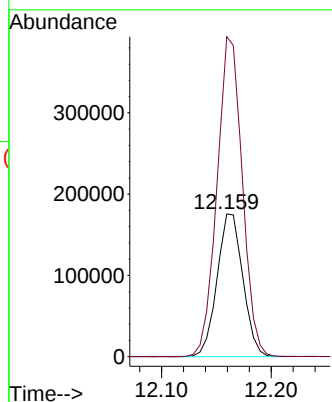
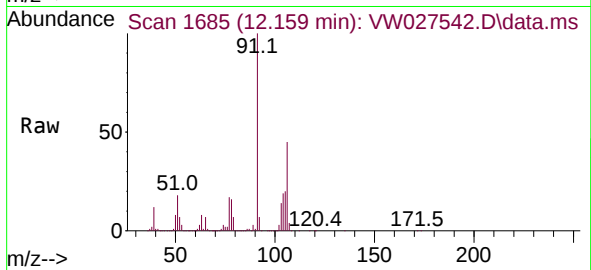




#54
o-Xylene
Concen: 25.033 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

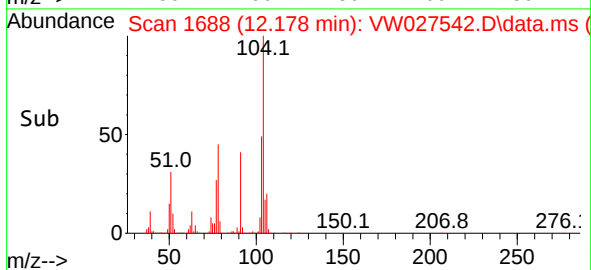
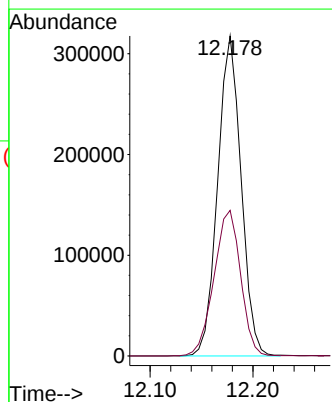
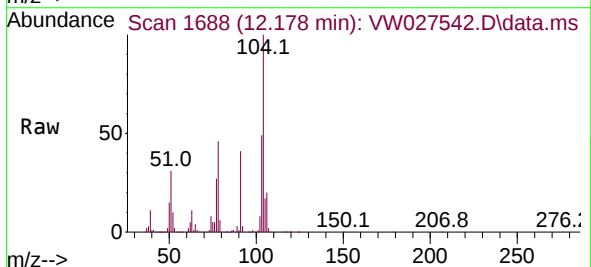
Instrument :
MSVOA_W
ClientSampleId :

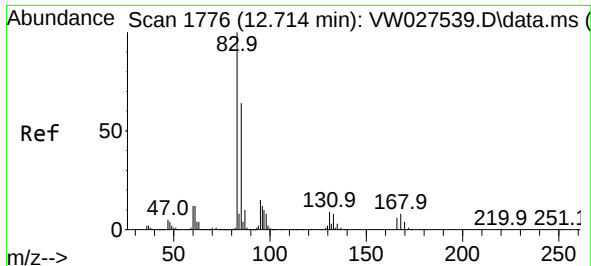
Tgt Ion:106 Resp: 286816
Ion Ratio Lower Upper
106 100
91 224.2 154.1 286.3



#55
Styrene
Concen: 25.889 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion:104 Resp: 502664
Ion Ratio Lower Upper
104 100
78 45.5 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 23.751 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :

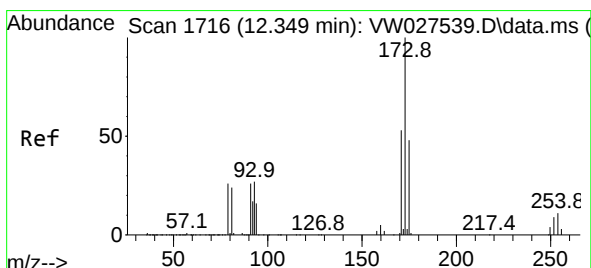
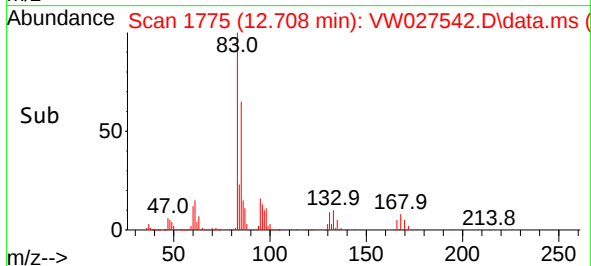
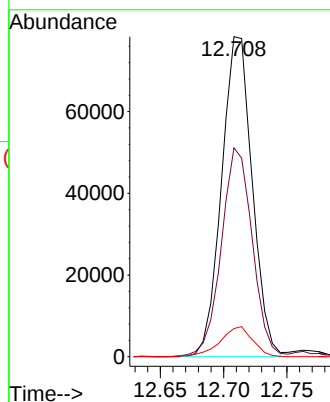
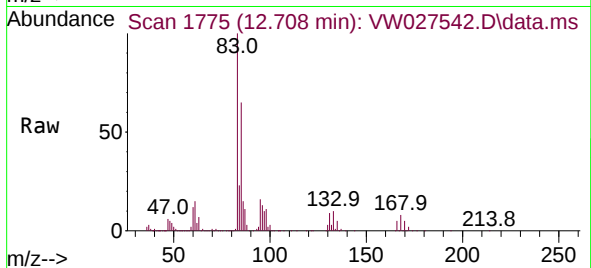
Tgt Ion: 83 Resp: 131945

Ion Ratio Lower Upper

83 100

85 65.3 44.6 82.8

131 8.8 7.3 10.9



#59

Bromoform

Concen: 23.866 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

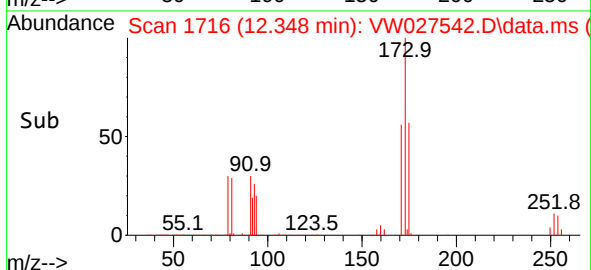
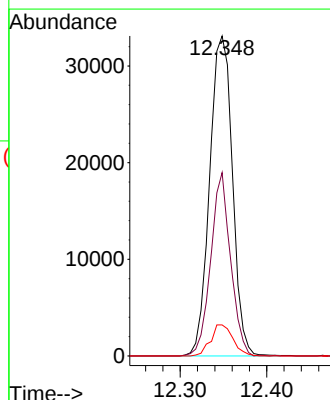
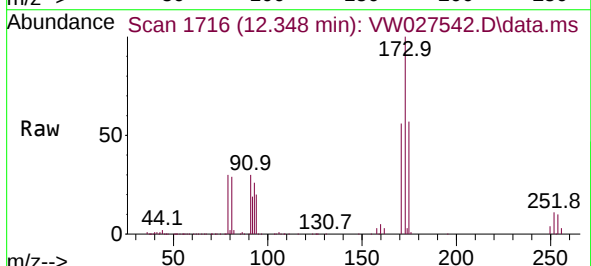
Tgt Ion:173 Resp: 60528

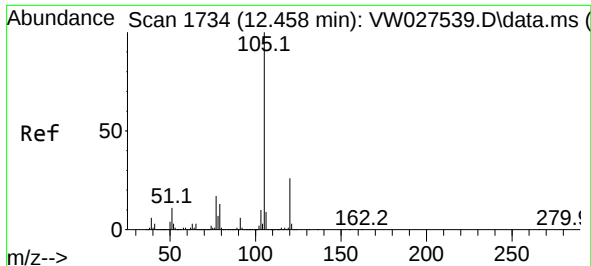
Ion Ratio Lower Upper

173 100

175 49.7 40.6 61.0

254 9.5 7.8 11.6

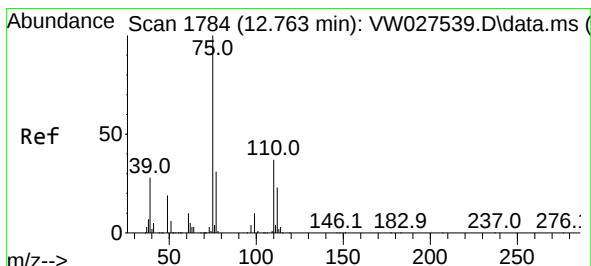
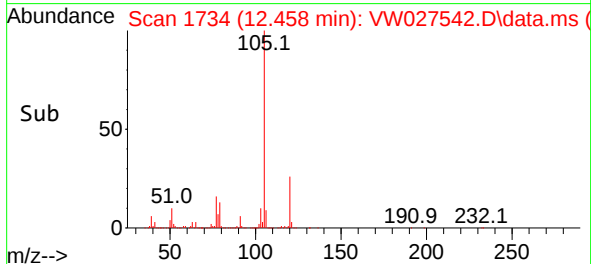
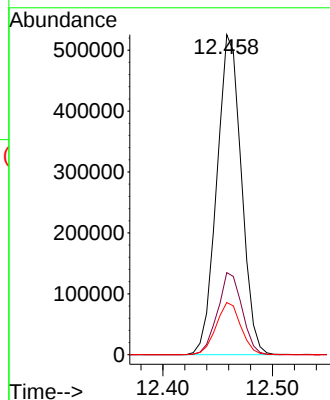
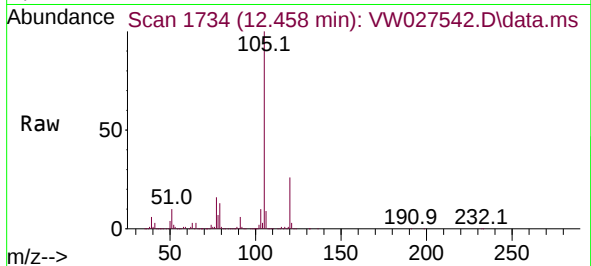




#60
Isopropylbenzene
Concen: 25.433 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

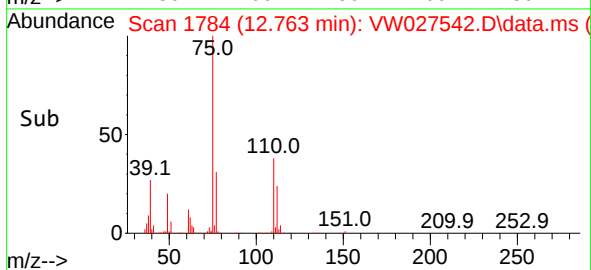
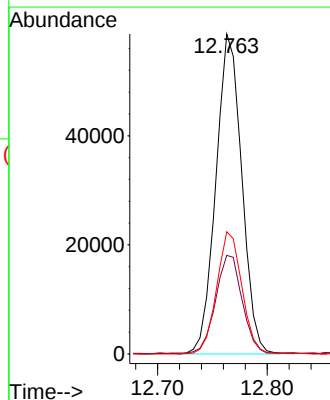
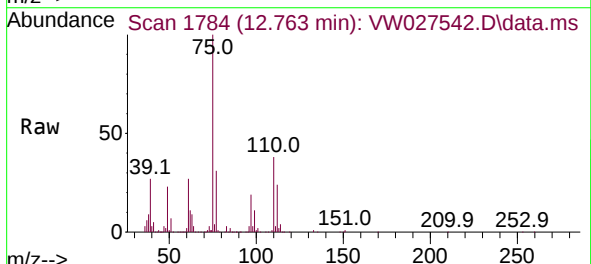
Instrument :
MSVOA_W
ClientSampleId :

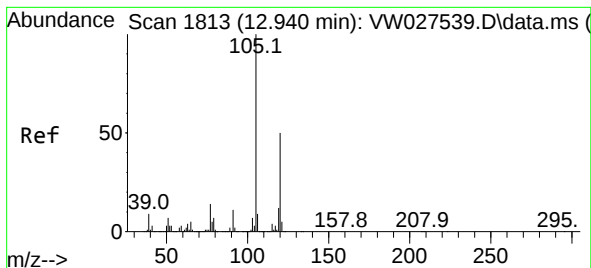
Tgt Ion:105 Resp: 818494
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 16.5 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 23.770 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

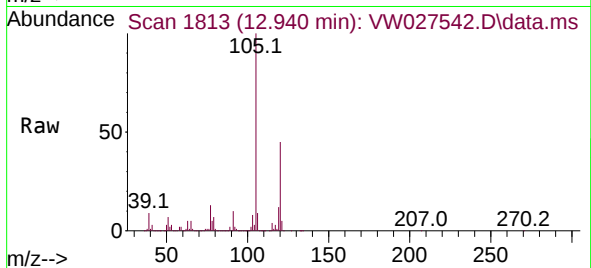
Tgt Ion: 75 Resp: 96349
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
110 37.3 28.8 43.2



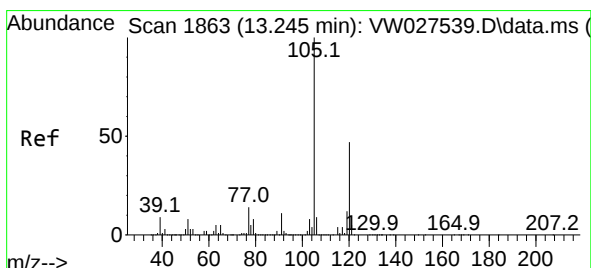
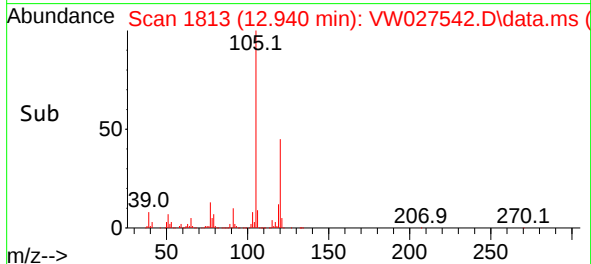
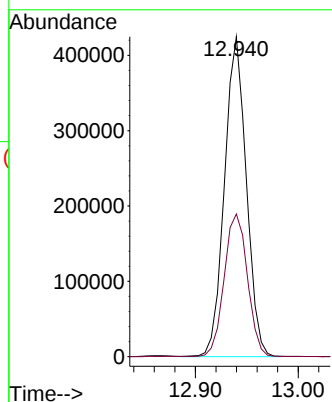


#62
1,3,5-Trimethylbenzene
Concen: 25.524 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Instrument :
MSVOA_W
ClientSampleId :

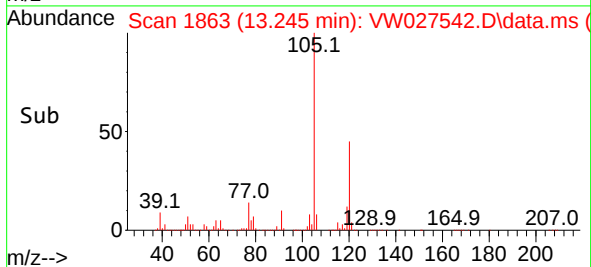
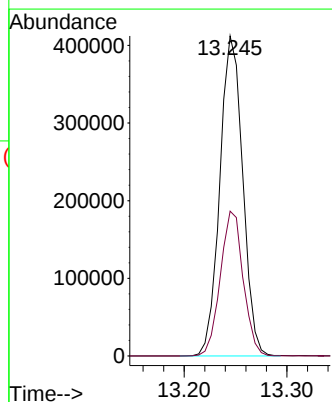
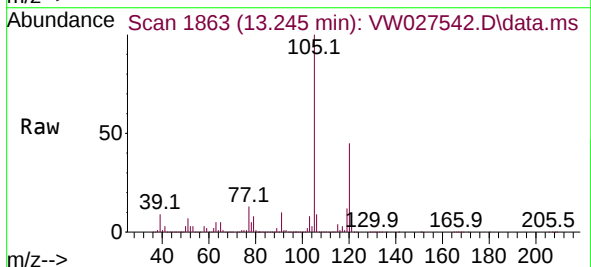


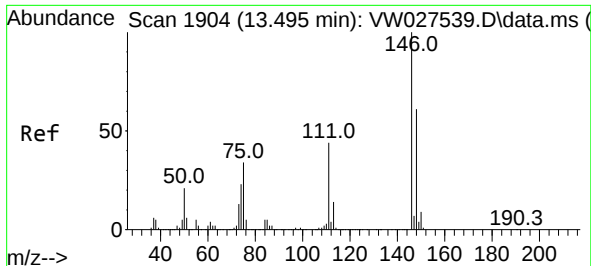
Tgt Ion:105 Resp: 626287
Ion Ratio Lower Upper
105 100
120 47.6 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 25.354 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion:105 Resp: 636667
Ion Ratio Lower Upper
105 100
120 45.2 36.6 54.8

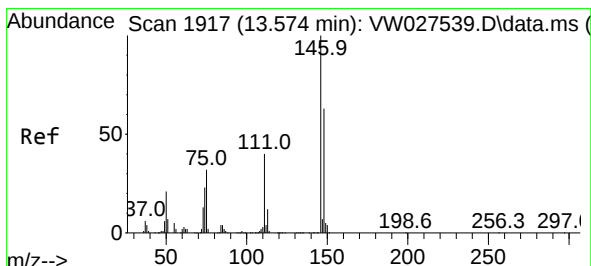
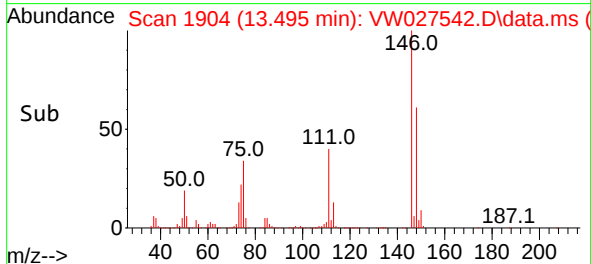
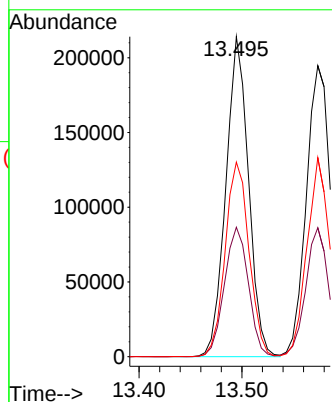
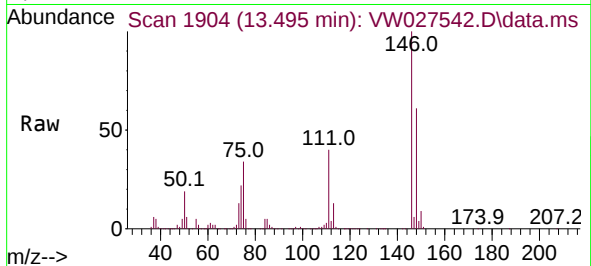




#64
1,3-Dichlorobenzene
Concen: 25.054 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

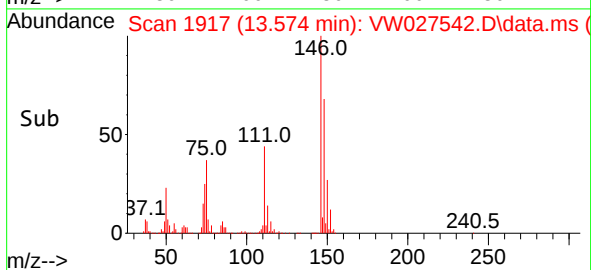
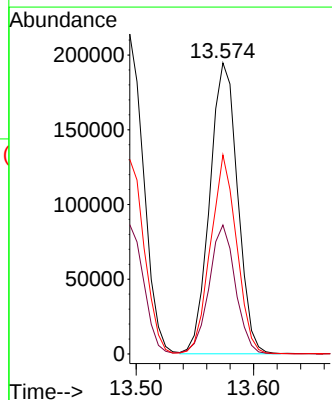
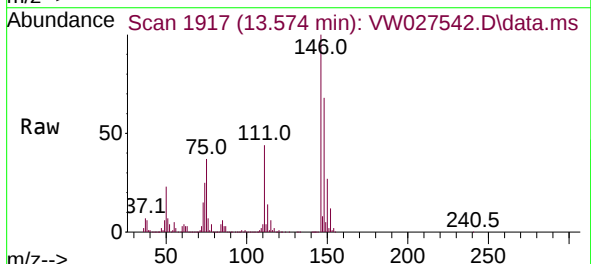
Instrument :
MSVOA_W
ClientSampleId :

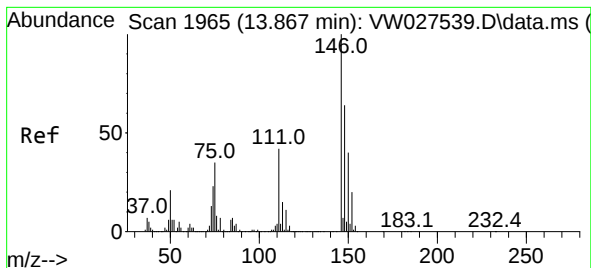
Tgt Ion:146 Resp: 327648
Ion Ratio Lower Upper
146 100
111 40.4 30.5 56.7
148 60.8 43.0 79.8



#65
1,4-Dichlorobenzene
Concen: 24.473 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027542.D
Acq: 06 Nov 2023 11:42

Tgt Ion:146 Resp: 320628
Ion Ratio Lower Upper
146 100
111 44.3 27.9 51.9
148 68.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 24.974 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :

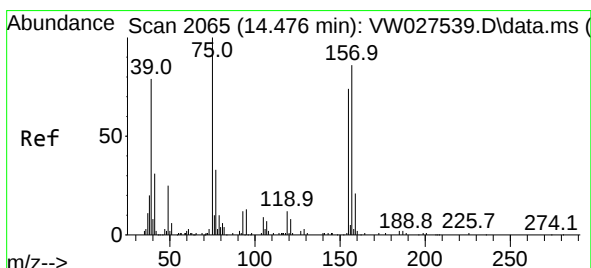
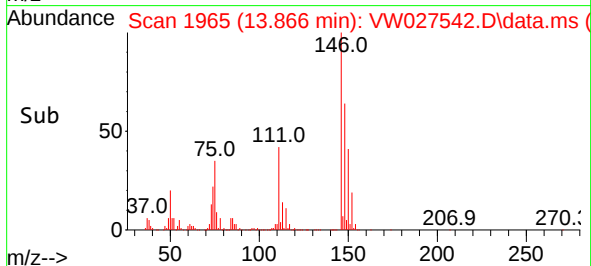
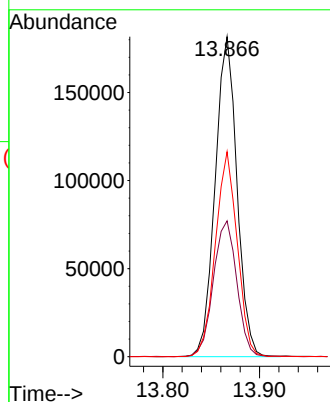
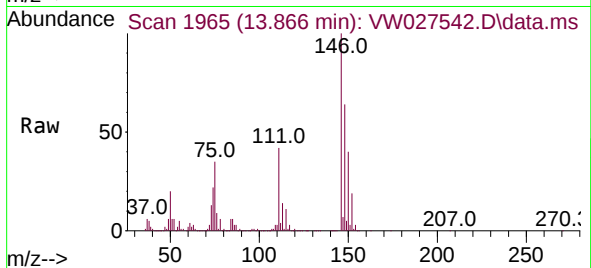
Tgt Ion:146 Resp: 284998

Ion Ratio Lower Upper

146 100

111 42.5 33.4 50.2

148 64.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.847 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

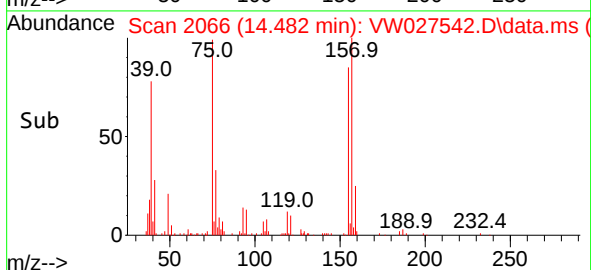
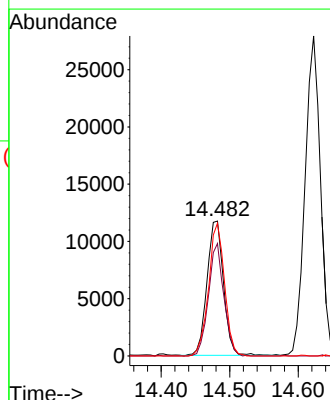
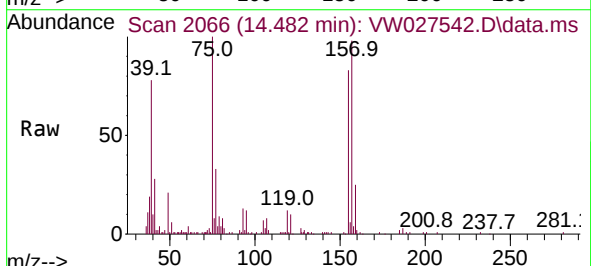
Tgt Ion: 75 Resp: 19655

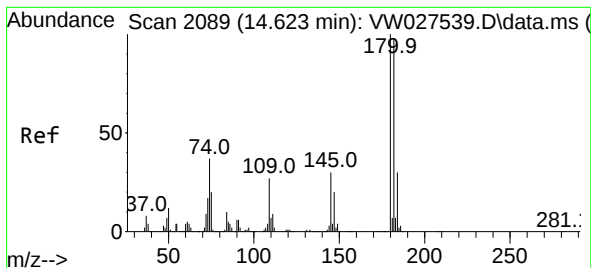
Ion Ratio Lower Upper

75 100

155 83.4 59.0 88.6

157 98.5 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.862 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

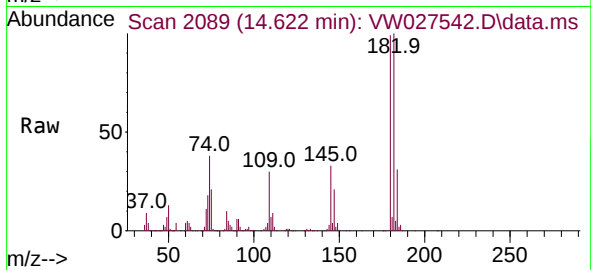
Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 208564

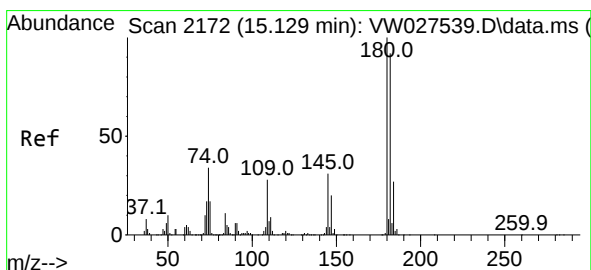
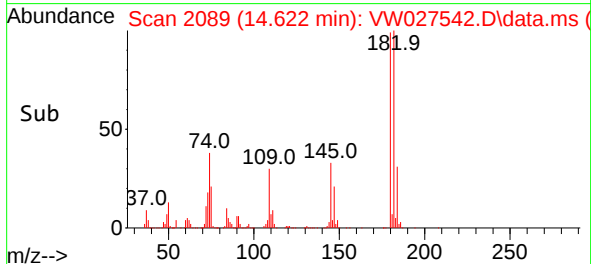
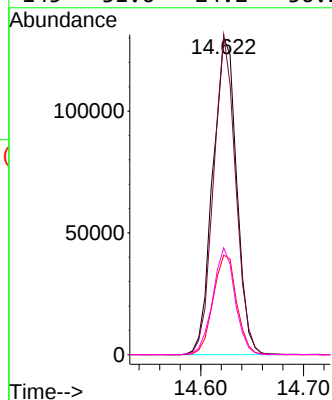
Ion Ratio Lower Upper

180 100

182 93.9 78.4 117.6

184 31.1 23.4 35.0

145 31.6 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 25.393 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

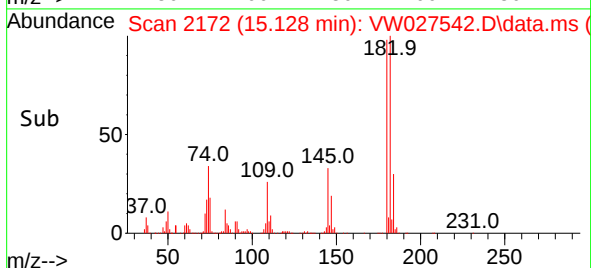
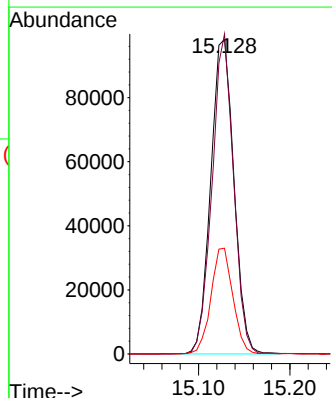
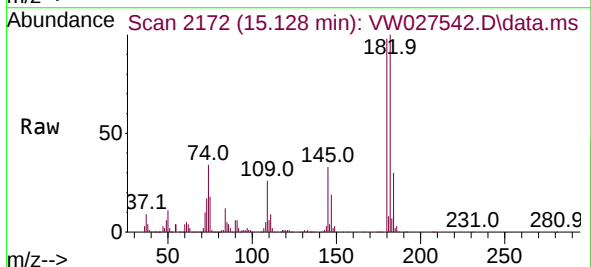
Tgt Ion:180 Resp: 173079

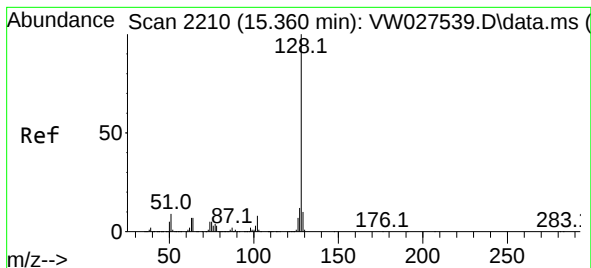
Ion Ratio Lower Upper

180 100

182 93.5 70.3 105.5

145 31.8 24.8 37.2





#71

Naphthalene

Concen: 25.754 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Instrument :

MSVOA_W

ClientSampleId :

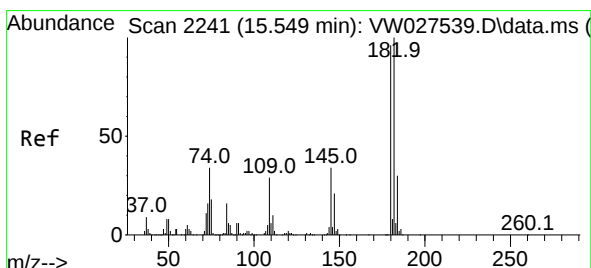
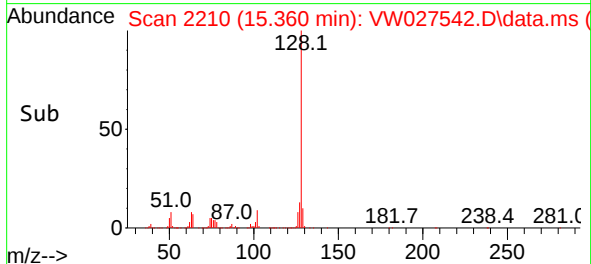
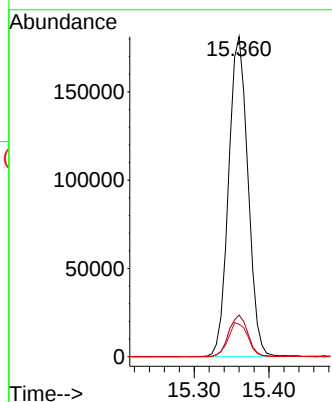
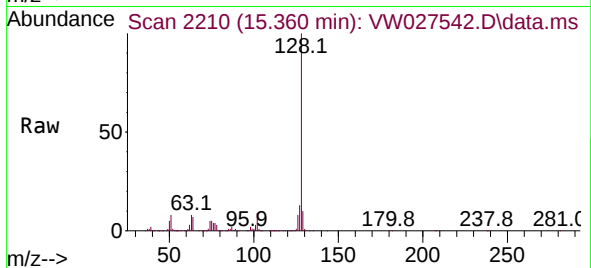
Tgt Ion:128 Resp: 326868

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.227 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027542.D

Acq: 06 Nov 2023 11:42

Tgt Ion:180 Resp: 143003

Ion Ratio Lower Upper

180 100

182 97.3 76.5 114.7

145 34.0 27.5 41.3

