

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027414.D
 Acq On : 24 Oct 2023 14:06
 Operator : SY/MD
 Sample : 04961-09REMS
 Misc : 6.63g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ3REMS

Quant Time: Oct 25 01:30:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	544834	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	308199	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	54625	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	202096	24.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.200%
7) Chloroethane-d5	2.893	69	167771	28.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.400%
11) 1,1-Dichloroethene-d2	4.021	65	98047	23.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.120%
21) 2-Butanone-d5	7.075	46	163838	59.282	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.560%
24) Chloroform-d	7.648	84	432467	26.632	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.520%
26) 1,2-Dichloroethane-d4	8.307	65	228622	26.209	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.840%
32) Benzene-d6	8.276	84	853219	40.918	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	163.680%#
36) 1,2-Dichloropropane-d6	9.270	67	270172	42.420	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	169.680%#
41) Toluene-d8	10.325	98	581839	30.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.080%
43) trans-1,3-Dichloroprop...	10.575	79	78369	26.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.960%
47) 2-Hexanone-d5	10.922	63	102562	77.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.660%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	171492	36.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.360%#
66) 1,2-Dichlorobenzene-d4	13.848	152	57356	28.975	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	109149	16.837	ug/L #	86
3) Chloromethane	2.229	50	155419	20.862	ug/L	98
5) Vinyl chloride	2.381	62	167002	20.068	ug/L	98
6) Bromomethane	2.783	94	89467	18.875	ug/L	95
8) Chloroethane	2.930	64	98729	20.611	ug/L	96
9) Trichlorofluoromethane	3.271	101	119388	20.336	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	132125	17.972	ug/L	98
12) 1,1-Dichloroethene	4.039	96	133963	18.751	ug/L	87
13) Acetone	4.118	43	114976	48.167	ug/L	97
14) Carbon disulfide	4.387	76	359333	16.224	ug/L	98
15) Methyl Acetate	4.673	43	81733	20.047	ug/L	97
16) Methylene chloride	4.917	84	159879	16.031	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	154691	20.147	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	272991	20.607	ug/L #	88
19) 1,1-Dichloroethane	6.216	63	337061	21.516	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	327325	37.749	ug/L	97
22) 2-Butanone	7.167	43	129735	36.311	ug/L	100
23) Bromochloromethane	7.514	128	66116	18.469	ug/L	84
25) Chloroform	7.673	83	293402	20.011	ug/L	100

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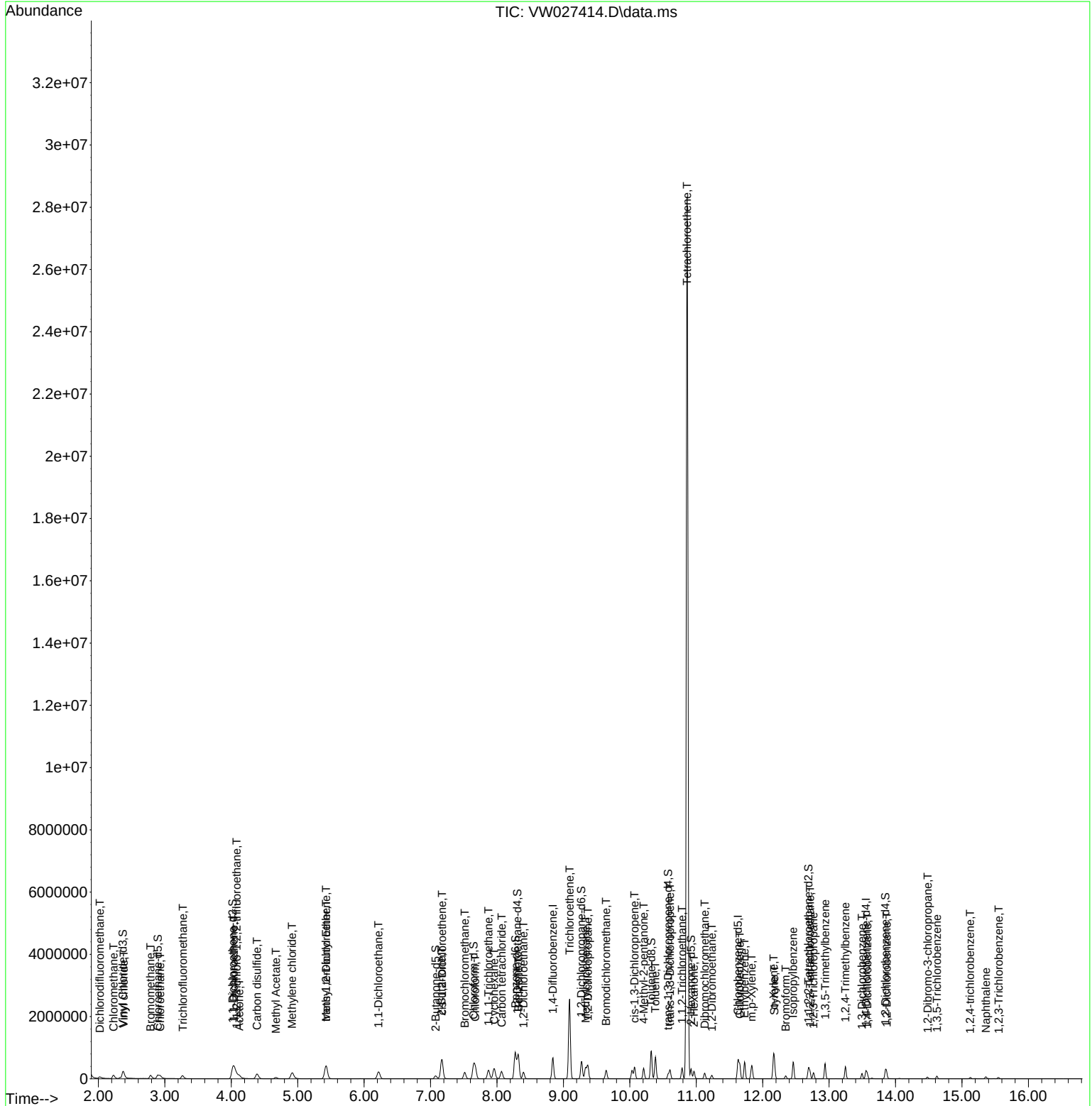
Instrument :
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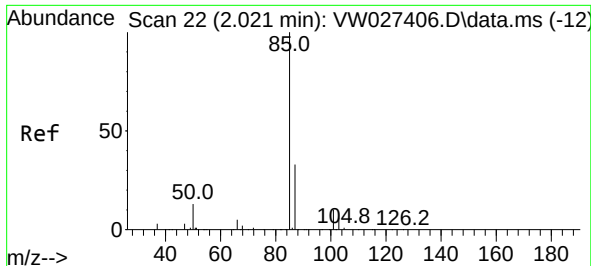
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	189933	19.070	ug/L	100
29) Cyclohexane	7.959	56	205452	21.955	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	227197	30.221	ug/L	98
31) Carbon tetrachloride	8.069	117	177128	26.129	ug/L	99
33) Benzene	8.325	78	613637	30.466	ug/L	100
34) Trichloroethene	9.093	95	904962	170.091	ug/L	98
35) Methylcyclohexane	9.337	83	140760	14.794	ug/L	98
37) 1,2-Dichloropropane	9.368	63	168476	30.935	ug/L	99
38) Bromodichloromethane	9.642	83	184807	27.597	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	221362	24.606	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	231671	61.855	ug/L	98
42) Toluene	10.386	91	491193	23.247	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	154696	20.379	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	102112	27.247	ug/L	97
46) Tetrachloroethene	10.861	164	5794919	1577.377	ug/L	96
48) 2-Hexanone	10.965	43	156732	56.539	ug/L	99
49) Dibromochloromethane	11.129	129	89320	21.461	ug/L	100
50) 1,2-Dibromoethane	11.233	107	74714	20.562	ug/L	98
51) Chlorobenzene	11.654	112	232185	17.548	ug/L	95
52) Ethylbenzene	11.727	91	373956	15.230	ug/L	98
53) m,p-Xylene	11.837	106	130264	13.987	ug/L	94
54) o-Xylene	12.166	106	160473	17.994	ug/L	99
55) Styrene	12.178	104	201750	13.246	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	113691	24.850	ug/L	99
59) Bromoform	12.349	173	40486	49.809	ug/L	99
60) Isopropylbenzene	12.458	105	348741	40.640	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	82576	69.233	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	248713	34.746	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	204547	29.206	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	61592	17.700	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	59710	17.182	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	64435	20.867	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	14142	47.442	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	21540	9.535	ug/L	92
70) 1,2,4-trichlorobenzene	15.123	180	11594	6.030	ug/L	99
71) Naphthalene	15.360	128	50019	12.650	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	11380	7.198	ug/L	95

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

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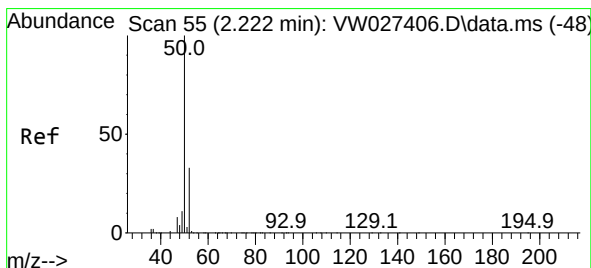
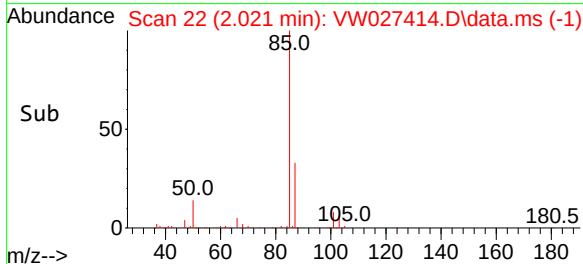
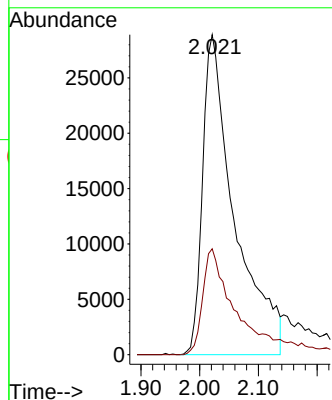
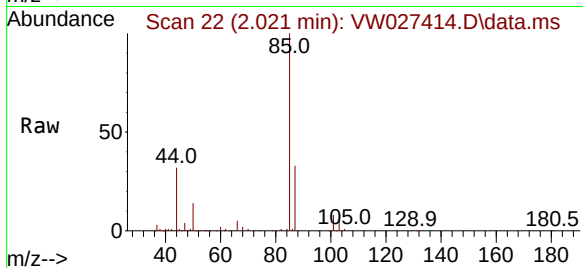




#2
Dichlorodifluoromethane
Concen: 16.837 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

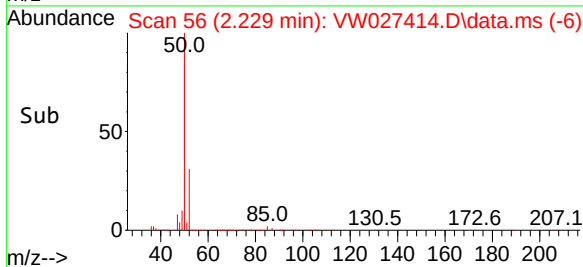
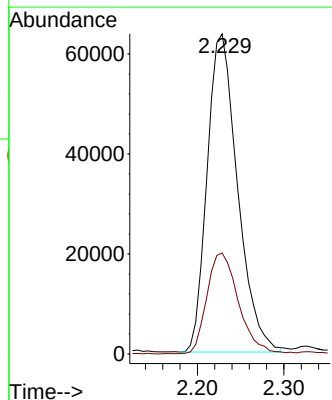
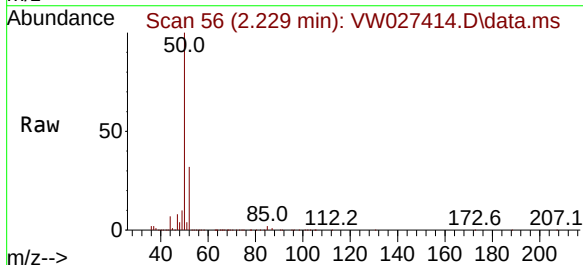
Instrument :
MSVOA_W
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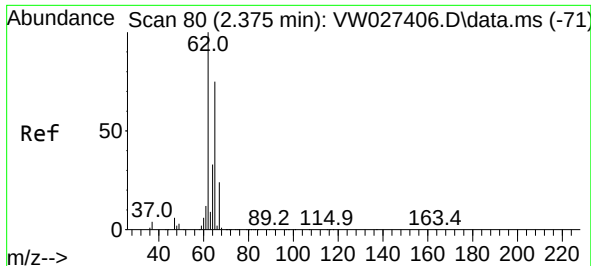
Tgt Ion: 85 Resp: 109149
Ion Ratio Lower Upper
85 100
87 29.6 18.3 27.5#



#3
Chloromethane
Concen: 20.862 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 50 Resp: 155419
Ion Ratio Lower Upper
50 100
52 31.6 22.7 42.3

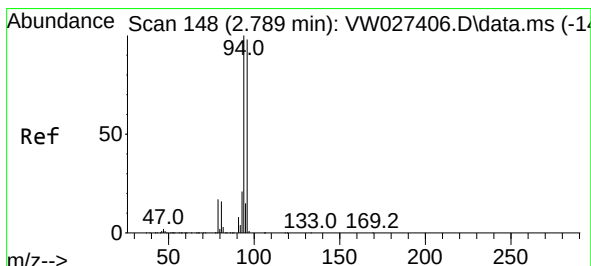
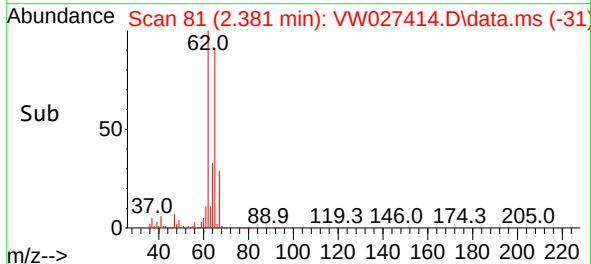
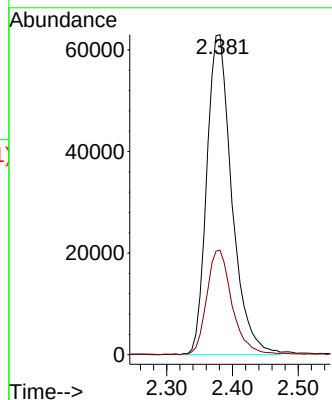
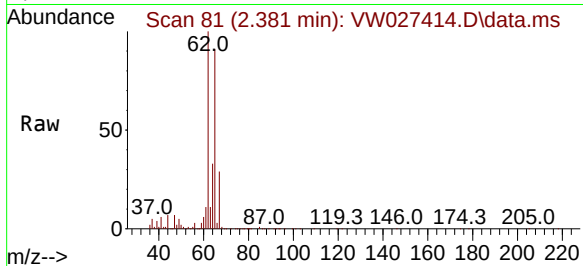




#5
 Vinyl chloride
 Concen: 20.068 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027414.D
 Acq: 24 Oct 2023 14:06

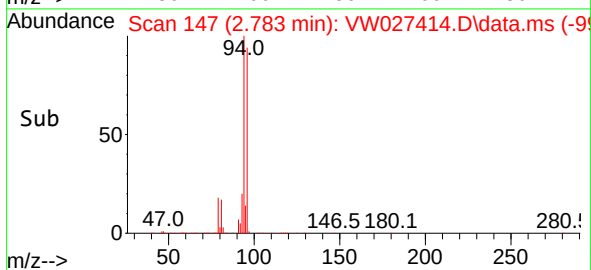
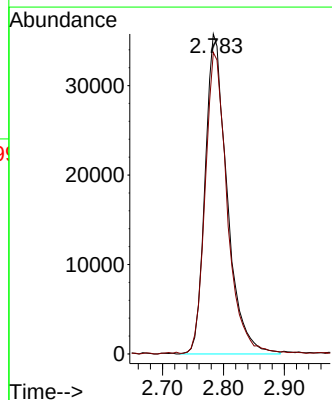
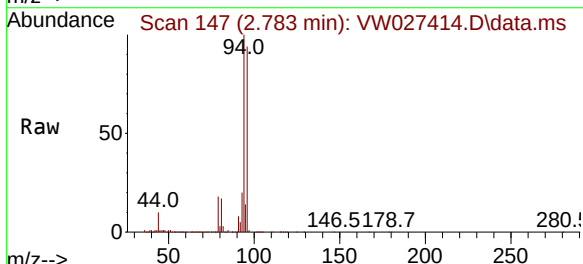
Instrument :
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 ClientSampleId :
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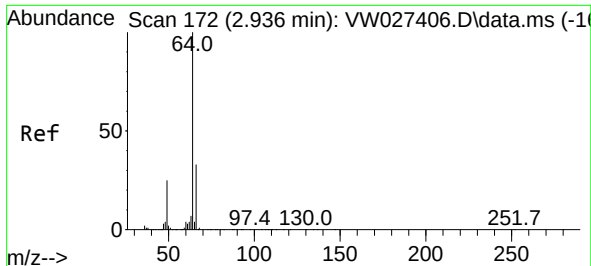
Tgt Ion: 62 Resp: 167002
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.8 44.2



#6
 Bromomethane
 Concen: 18.875 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW027414.D
 Acq: 24 Oct 2023 14:06

Tgt Ion: 94 Resp: 89467
 Ion Ratio Lower Upper
 94 100
 96 94.2 62.9 116.9

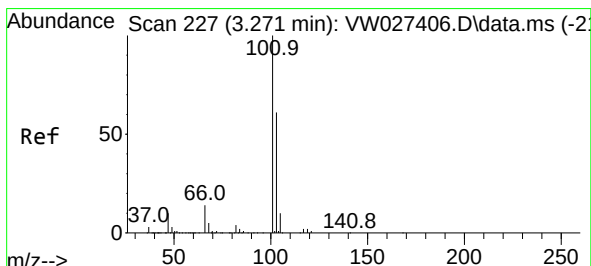
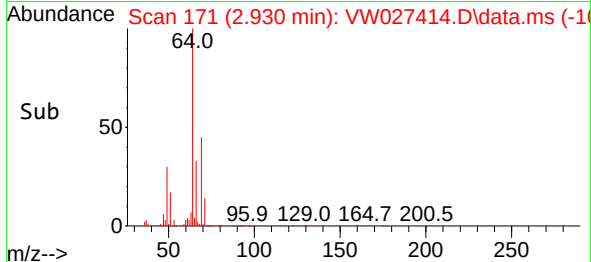
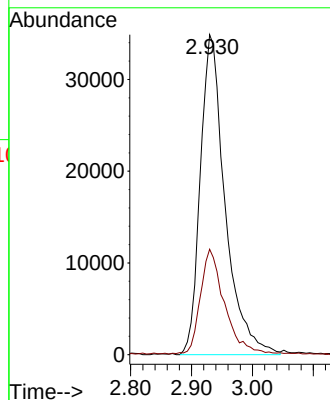
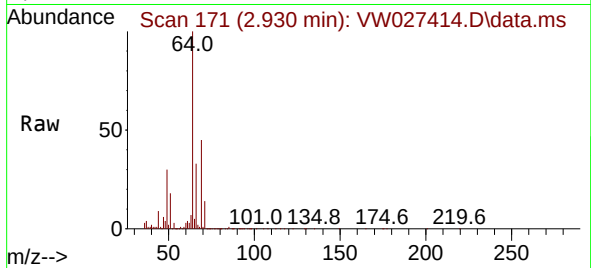




#8
Chloroethane
Concen: 20.611 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

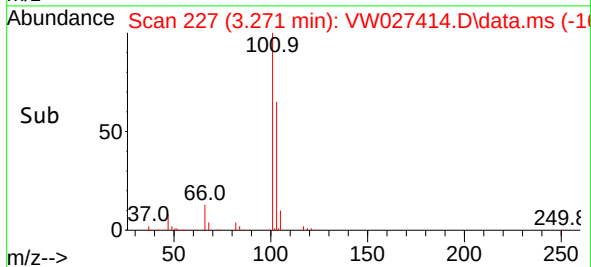
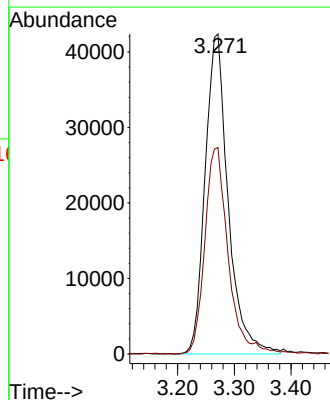
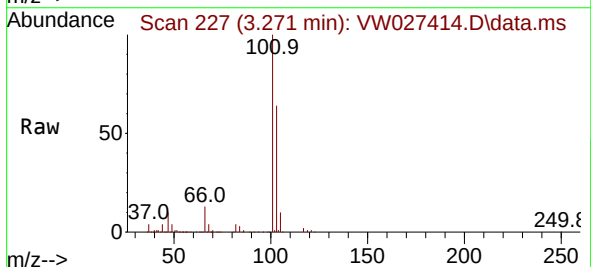
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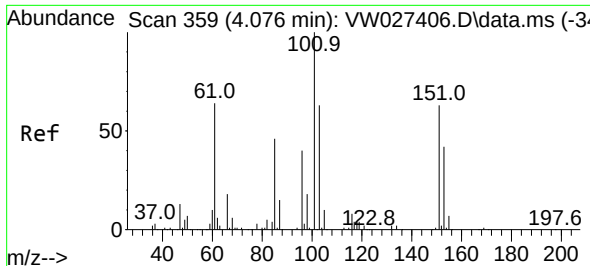
Tgt Ion: 64 Resp: 98729
Ion Ratio Lower Upper
64 100
66 33.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 20.336 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 101 Resp: 119388
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

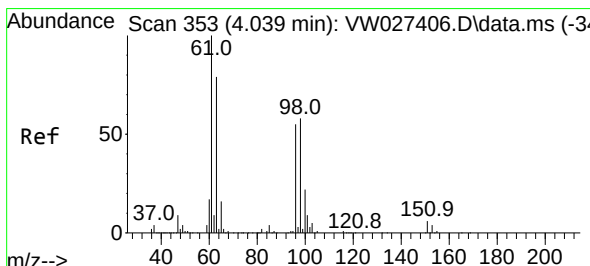
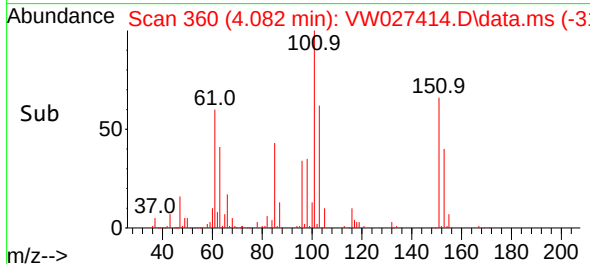
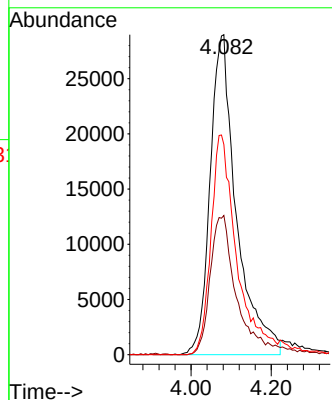
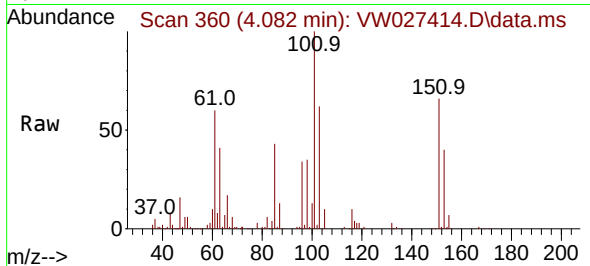




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.972 ug/L
 RT: 4.082 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW027414.D
 Acq: 24 Oct 2023 14:06

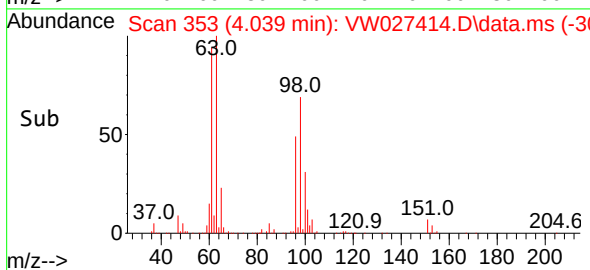
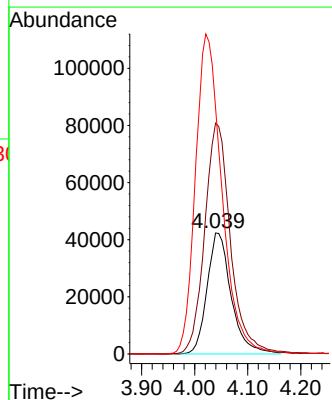
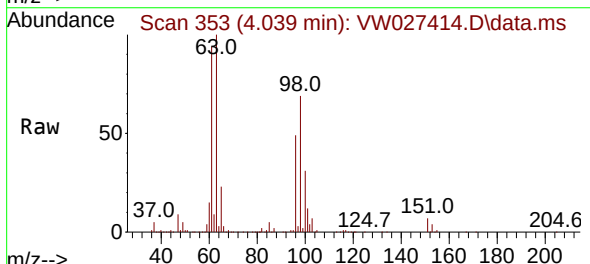
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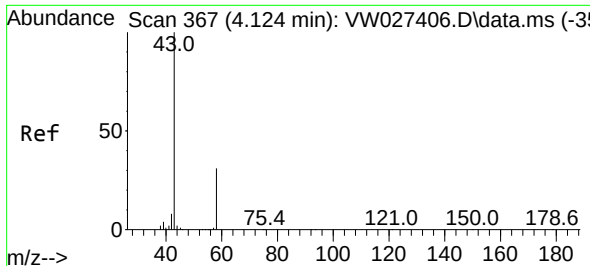
Tgt Ion:101 Resp: 132125
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.1 51.1
 151 63.4 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 18.751 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW027414.D
 Acq: 24 Oct 2023 14:06

Tgt Ion: 96 Resp: 133963
 Ion Ratio Lower Upper
 96 100
 61 190.9 133.3 247.5
 63 203.5 115.8 215.2





#13

Acetone

Concen: 48.167 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

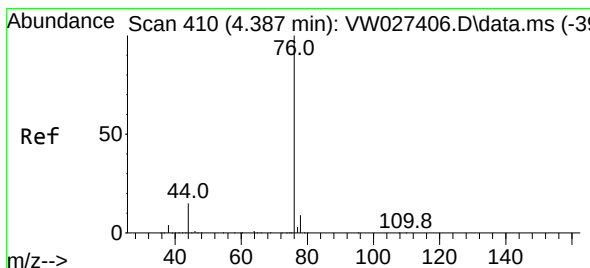
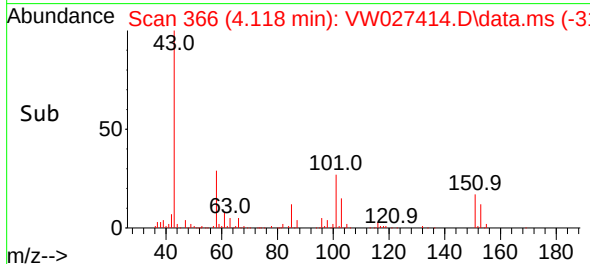
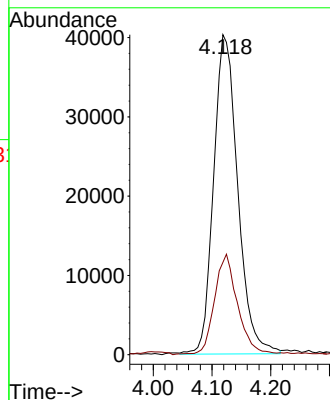
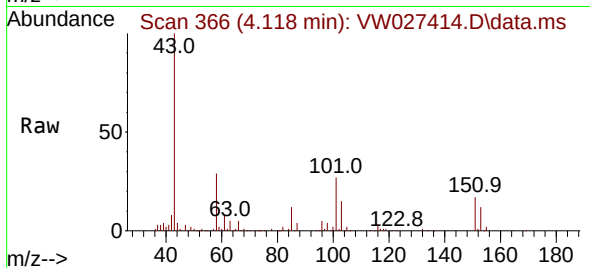
E0LJ3REMS

Tgt Ion: 43 Resp: 114976

Ion Ratio Lower Upper

43 100

58 29.0 0.0 60.8



#14

Carbon disulfide

Concen: 16.224 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW027414.D

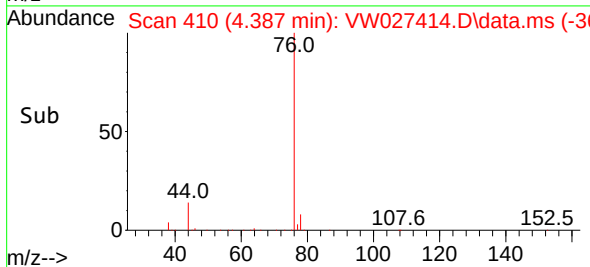
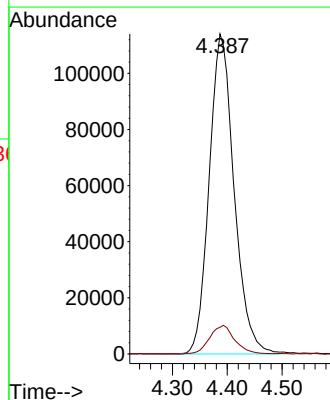
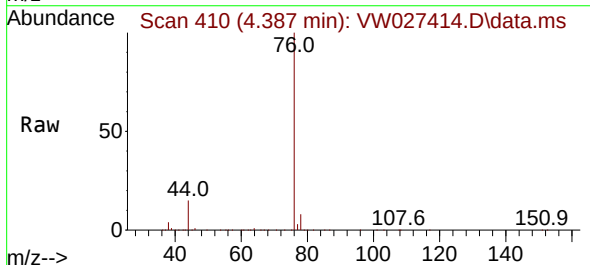
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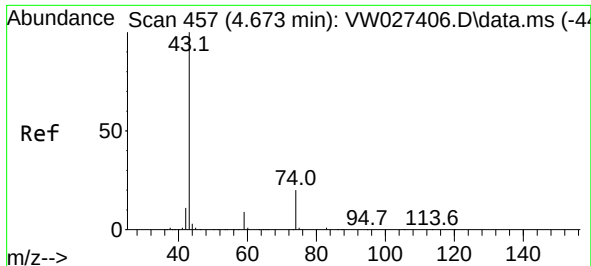
Tgt Ion: 76 Resp: 359333

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8

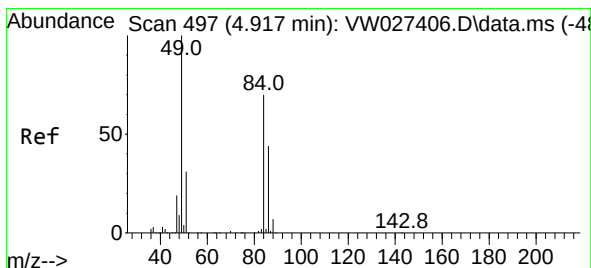
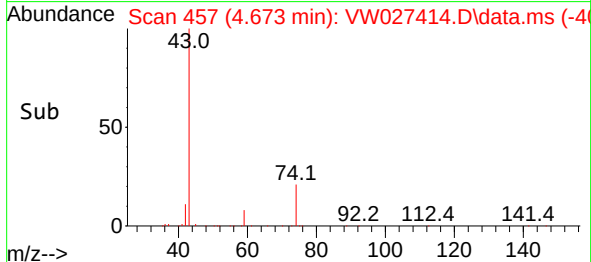
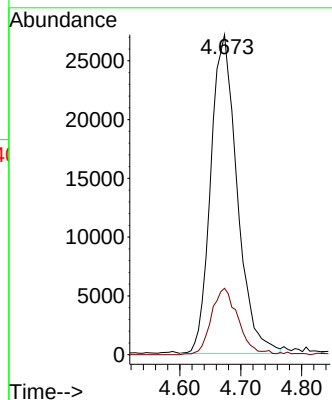
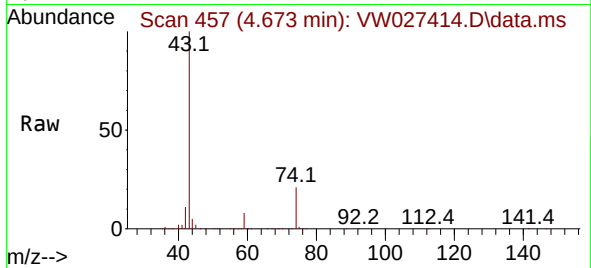




#15
Methyl Acetate
Concen: 20.047 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

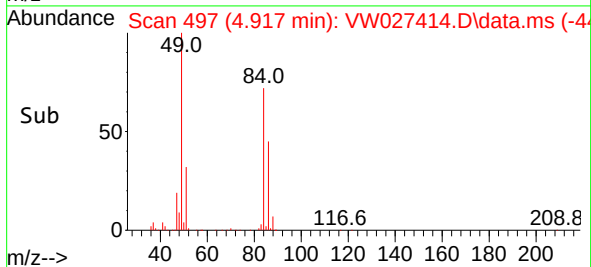
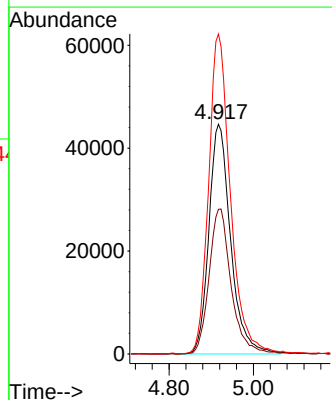
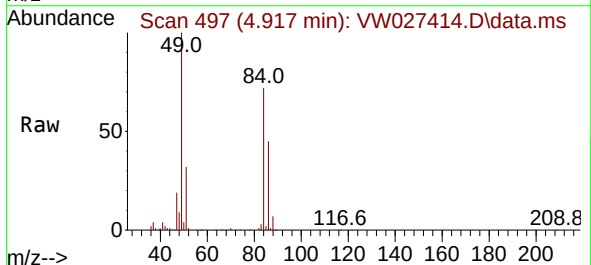
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

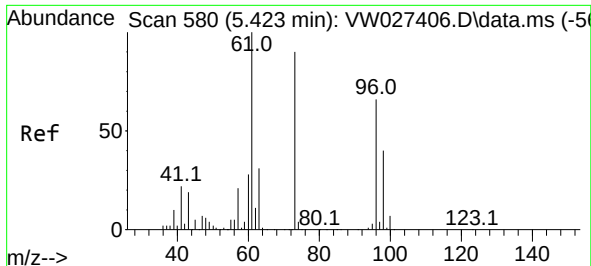
Tgt Ion: 43 Resp: 81733
Ion Ratio Lower Upper
43 100
74 20.6 17.5 26.3



#16
Methylene chloride
Concen: 16.031 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 84 Resp: 159879
Ion Ratio Lower Upper
84 100
86 63.0 41.3 76.7
49 139.3 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 20.147 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3REMS

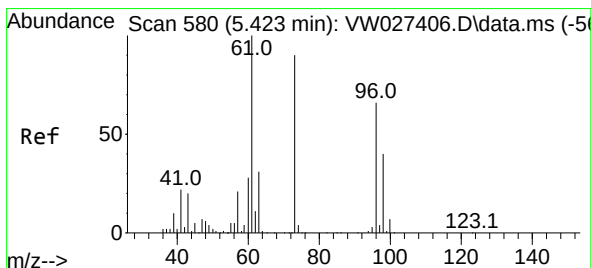
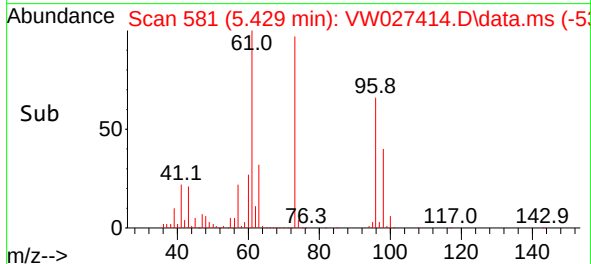
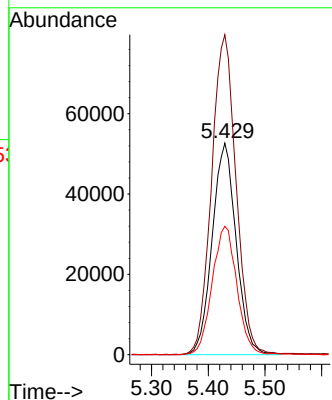
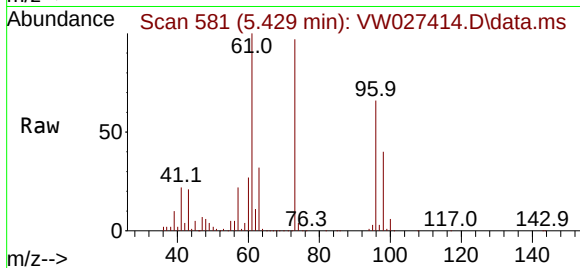
Tgt Ion: 96 Resp: 154691

Ion Ratio Lower Upper

96 100

61 151.3 105.6 196.0

98 60.7 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 20.607 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

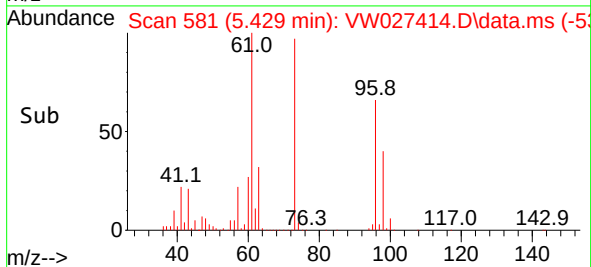
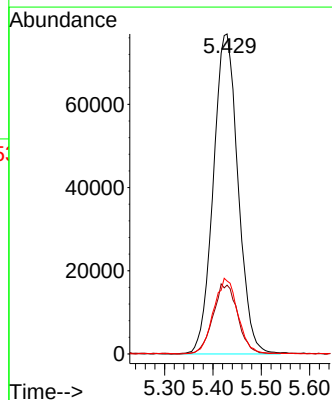
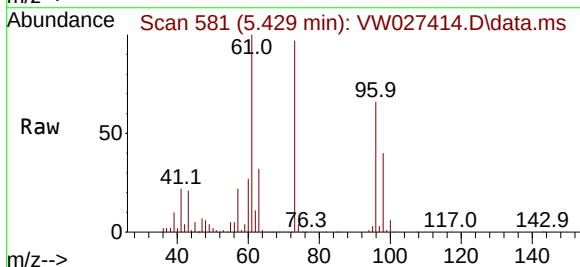
Tgt Ion: 73 Resp: 272991

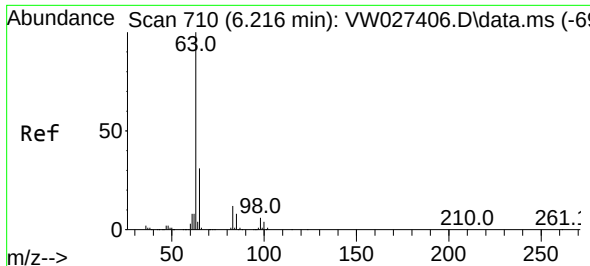
Ion Ratio Lower Upper

73 100

43 10.7 17.7 26.5#

57 23.2 18.5 27.7





#19

1,1-Dichloroethane

Concen: 21.516 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3REMS

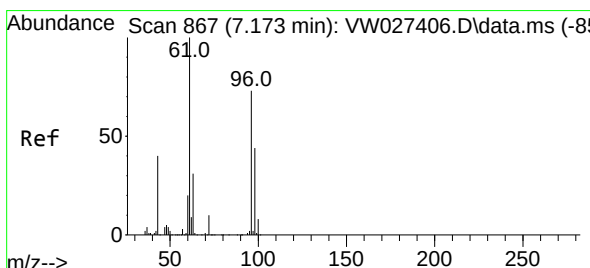
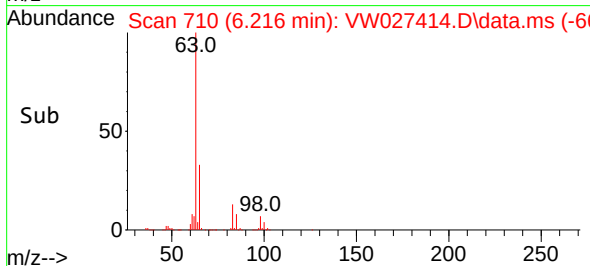
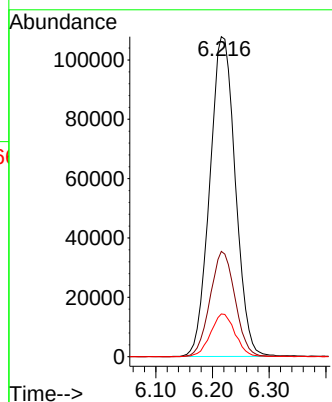
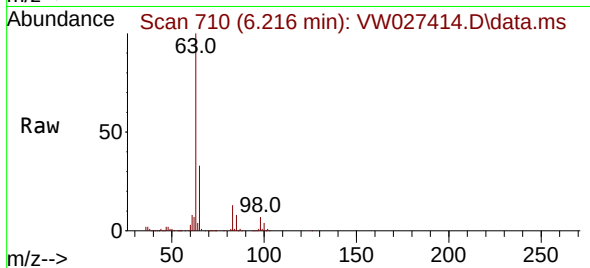
Tgt Ion: 63 Resp: 337061

Ion Ratio Lower Upper

63 100

65 32.9 22.9 42.5

83 13.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 37.749 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

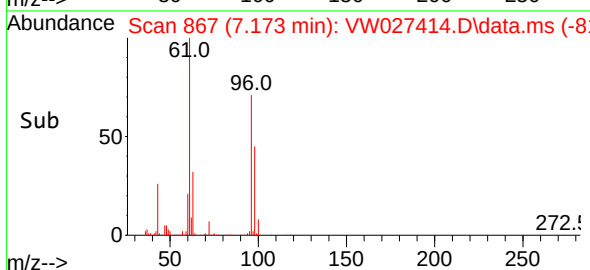
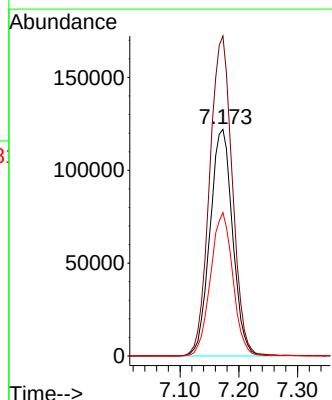
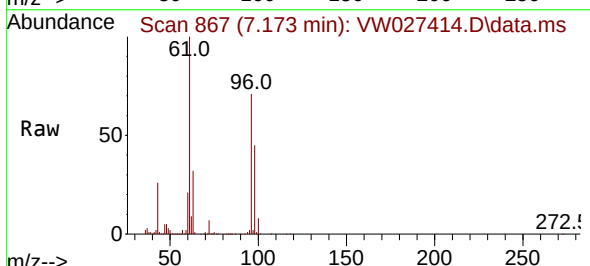
Tgt Ion: 96 Resp: 327325

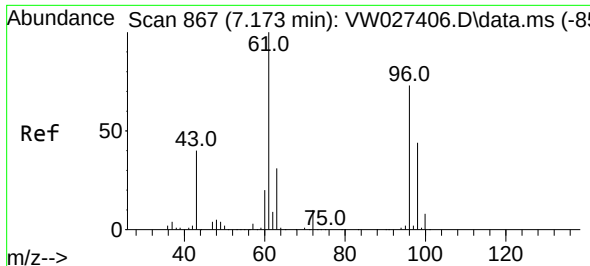
Ion Ratio Lower Upper

96 100

61 141.2 96.2 178.8

98 63.3 46.0 85.4

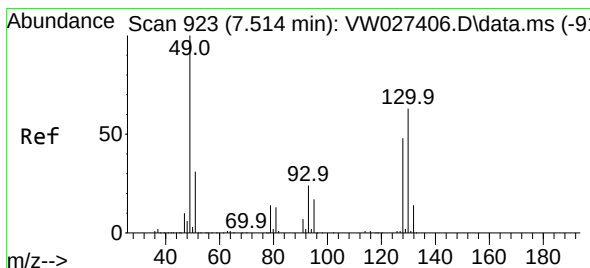
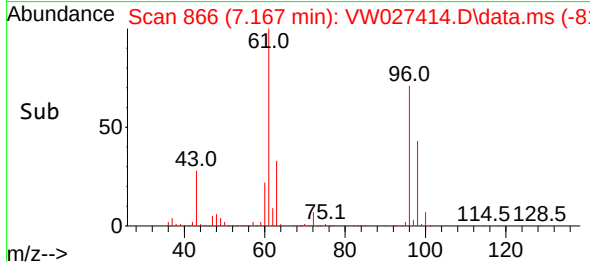
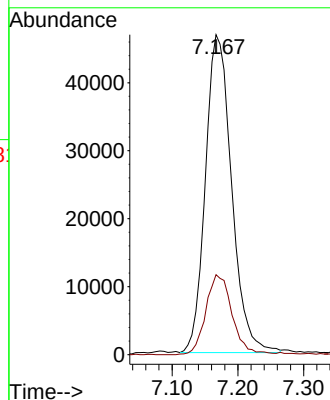
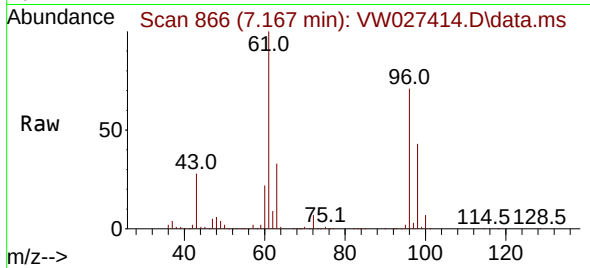




#22
2-Butanone
Concen: 36.311 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

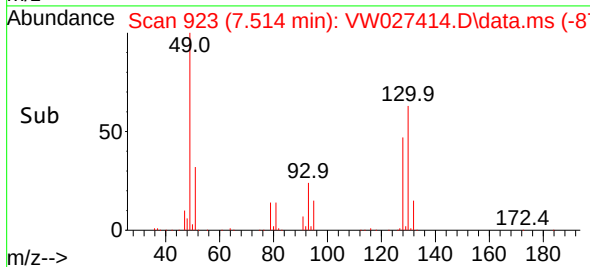
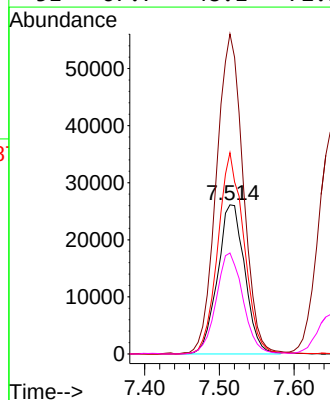
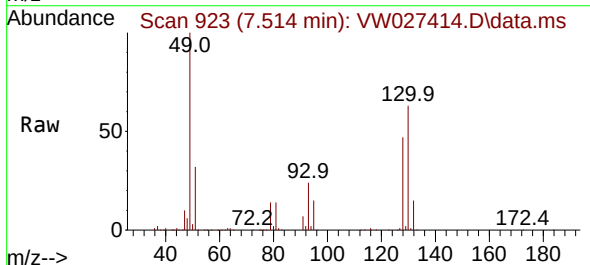
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

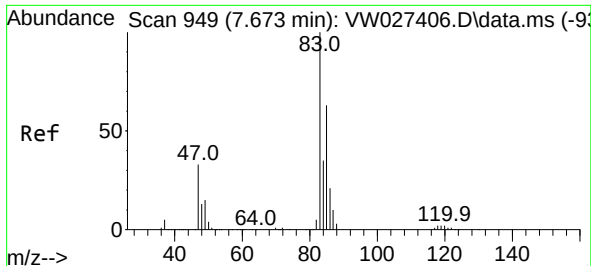
Tgt Ion: 43 Resp: 129735
Ion Ratio Lower Upper
43 100
72 24.7 12.3 36.8



#23
Bromochloromethane
Concen: 18.469 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 128 Resp: 66116
Ion Ratio Lower Upper
128 100
49 214.6 128.9 239.5
130 135.0 85.0 157.8
51 67.7 48.1 72.1

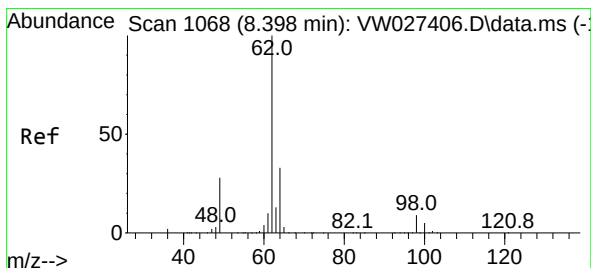
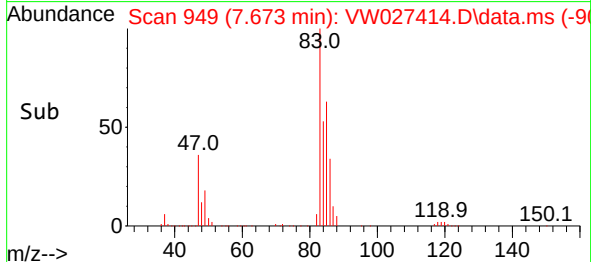
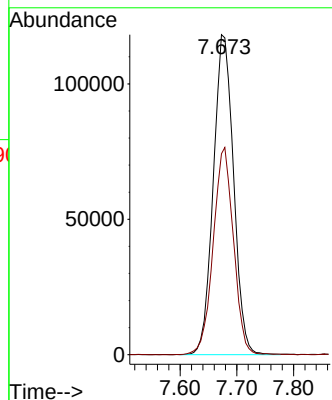
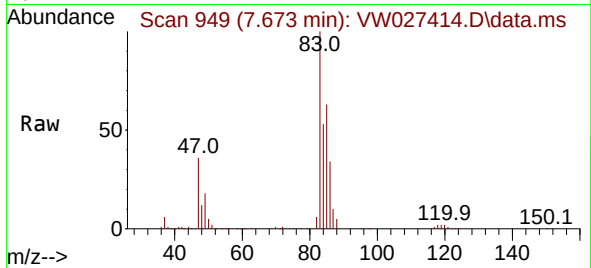




#25
Chloroform
Concen: 20.011 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

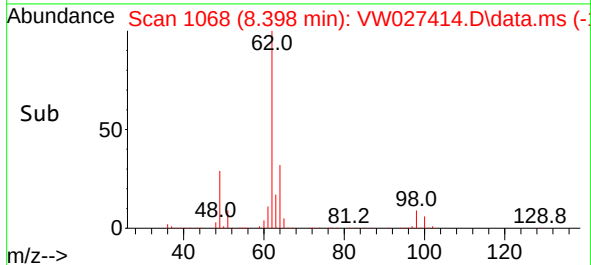
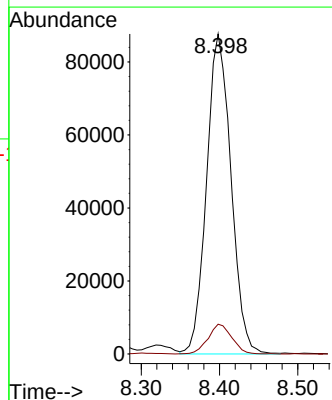
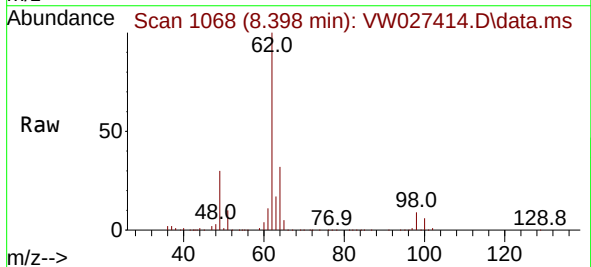
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

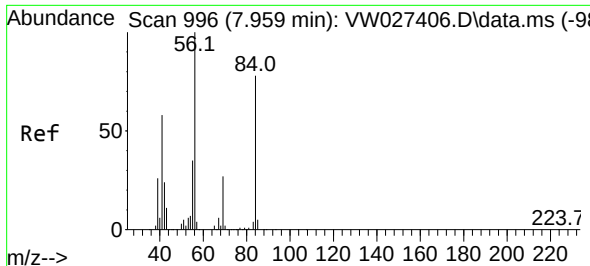
Tgt Ion: 83 Resp: 293402
Ion Ratio Lower Upper
83 100
85 62.8 44.1 81.9



#27
1,2-Dichloroethane
Concen: 19.070 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 62 Resp: 189933
Ion Ratio Lower Upper
62 100
98 9.3 7.5 11.3

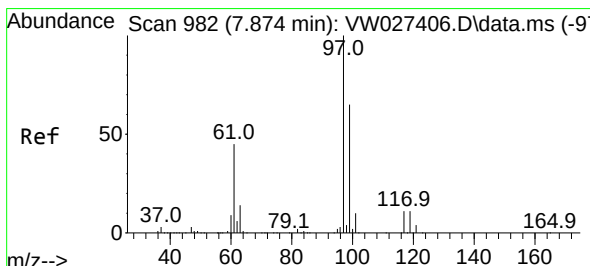
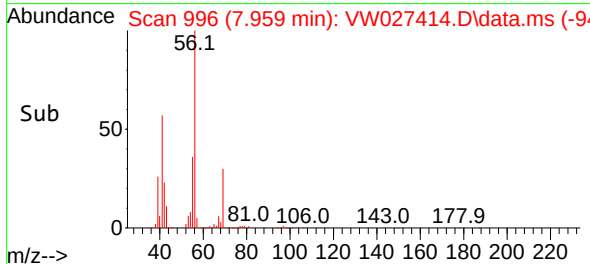
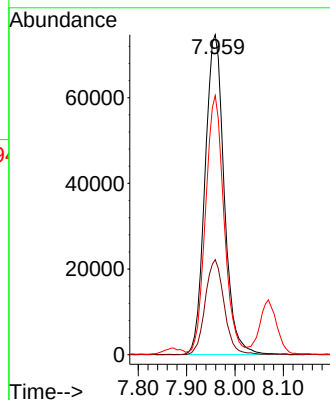
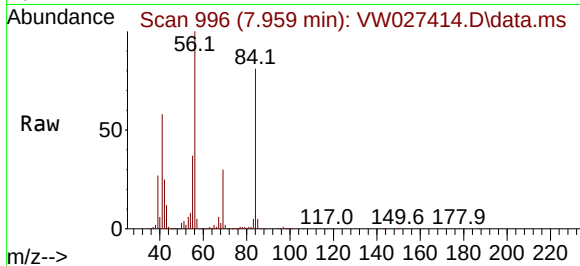




#29
Cyclohexane
Concen: 21.955 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

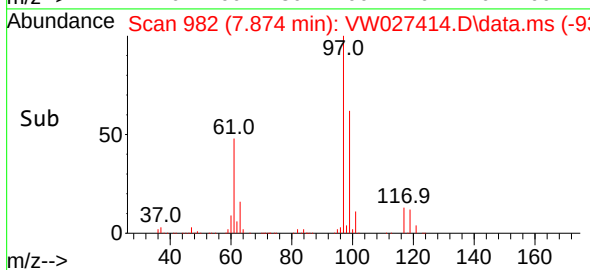
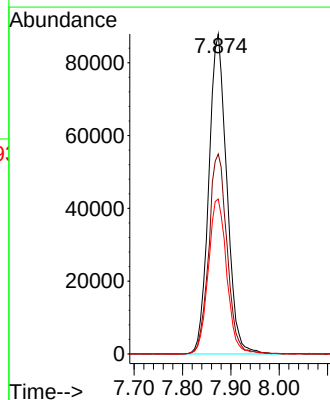
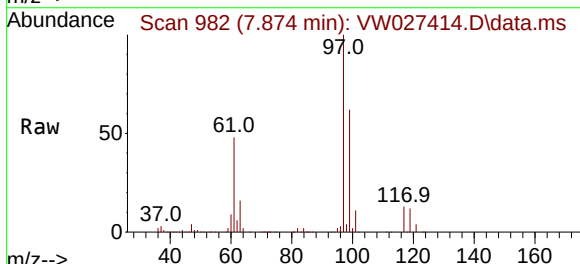
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

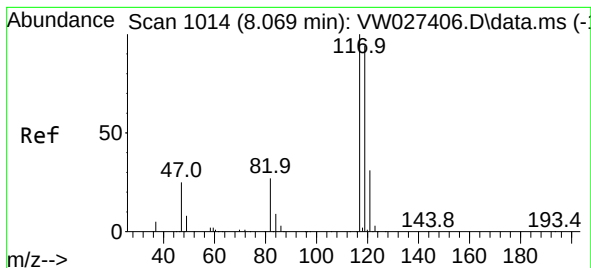
Tgt Ion: 56 Resp: 205452
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.4
84 78.1 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 30.221 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 97 Resp: 227197
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 49.3 37.4 56.0





#31

Carbon tetrachloride

Concen: 26.129 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

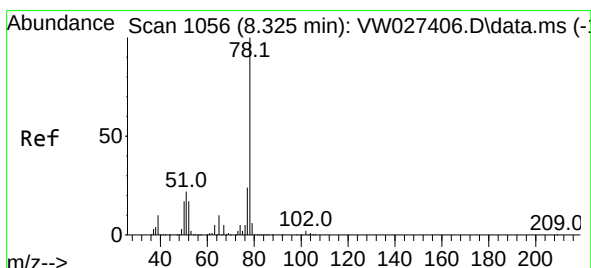
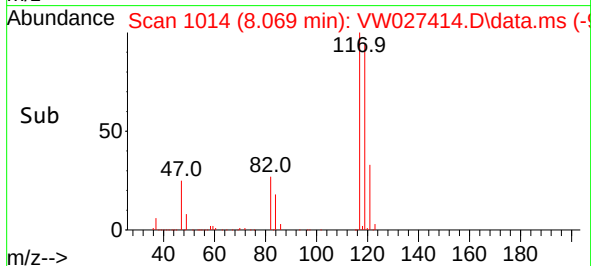
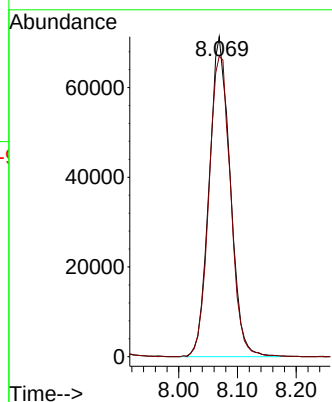
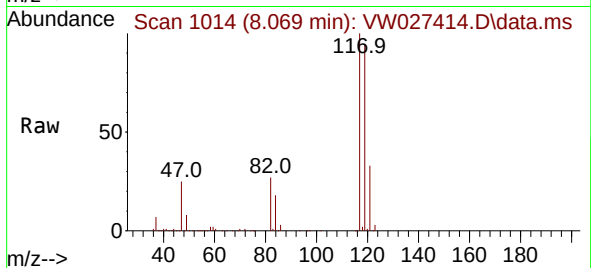
E0LJ3REMS

Tgt Ion:117 Resp: 177128

Ion Ratio Lower Upper

117 100

119 96.9 77.1 115.7



#33

Benzene

Concen: 30.466 ug/L

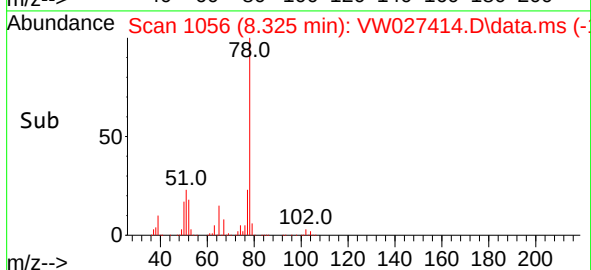
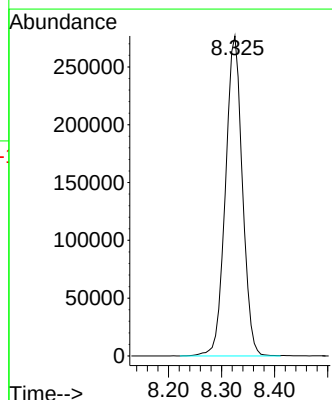
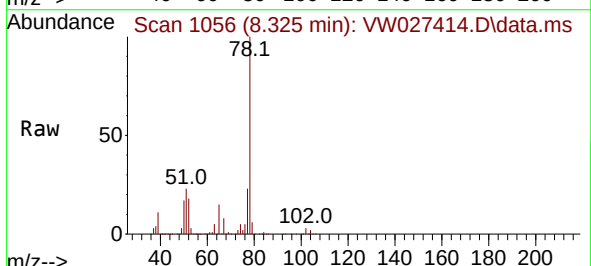
RT: 8.325 min Scan# 1056

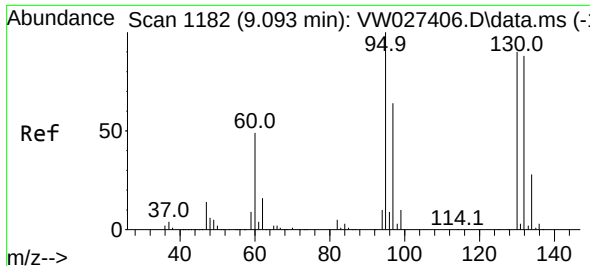
Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Tgt Ion: 78 Resp: 613637



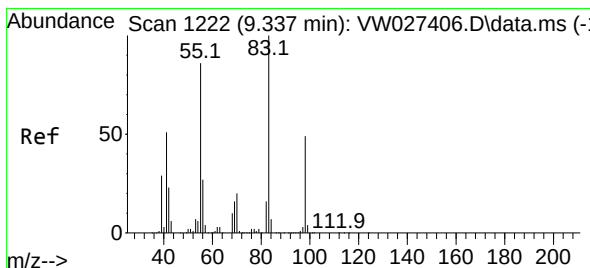
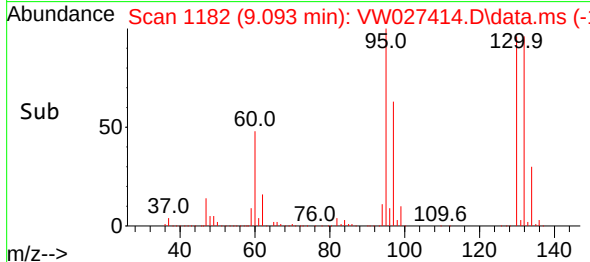
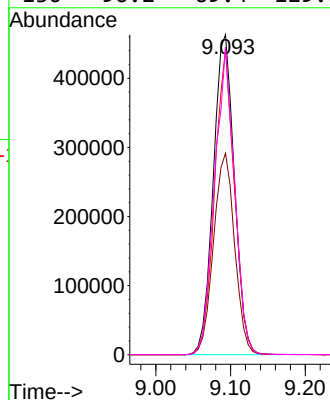
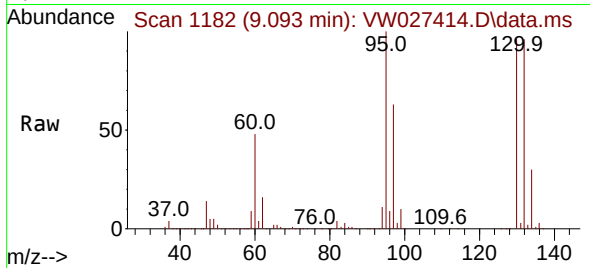


#34
Trichloroethene
Concen: 170.091 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

Tgt Ion: 95 Resp: 904962

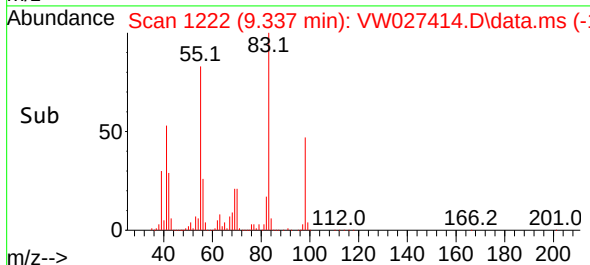
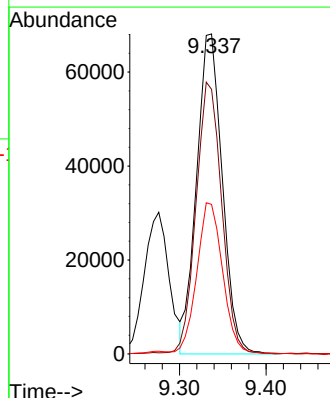
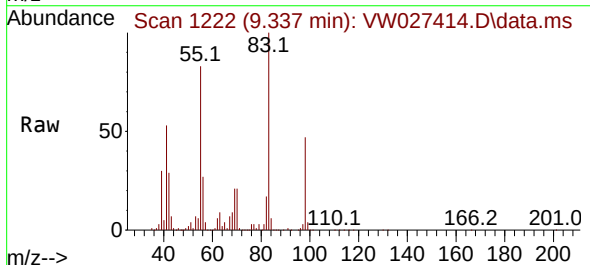
Ion	Ratio	Lower	Upper
95	100		
97	62.9	43.4	80.6
132	95.5	67.6	125.6
130	96.2	69.4	129.0

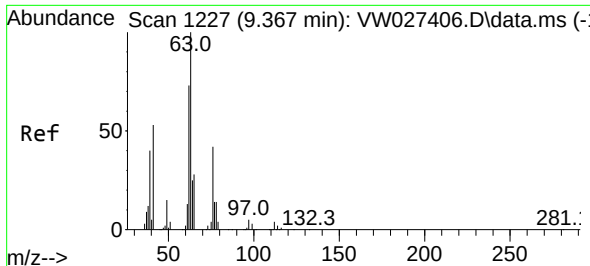


#35
Methylcyclohexane
Concen: 14.794 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 83 Resp: 140760

Ion	Ratio	Lower	Upper
83	100		
55	84.5	65.8	98.8
98	47.6	38.1	57.1





#37

1,2-Dichloropropane

Concen: 30.935 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

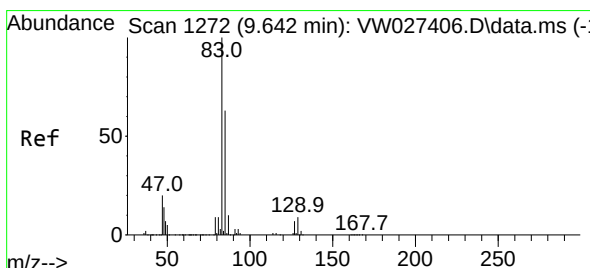
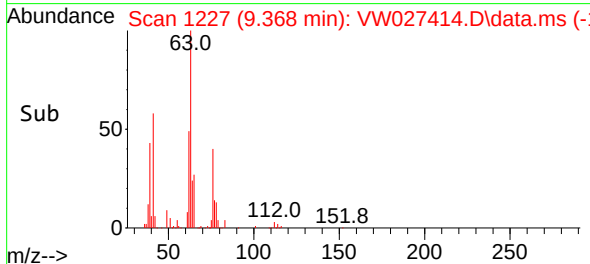
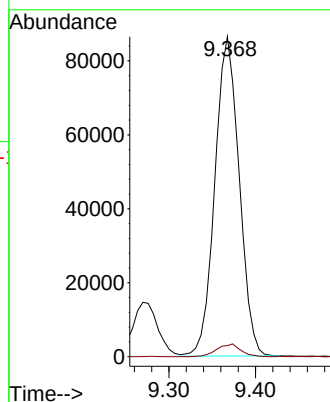
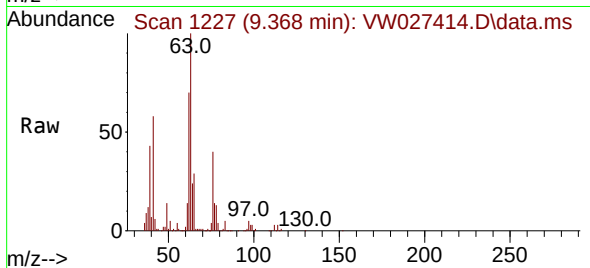
E0LJ3REMS

Tgt Ion: 63 Resp: 168476

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 27.597 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

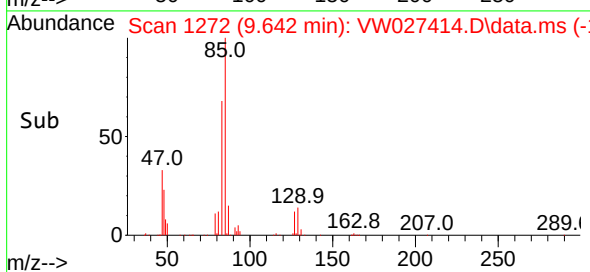
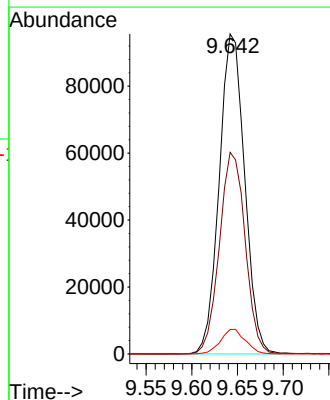
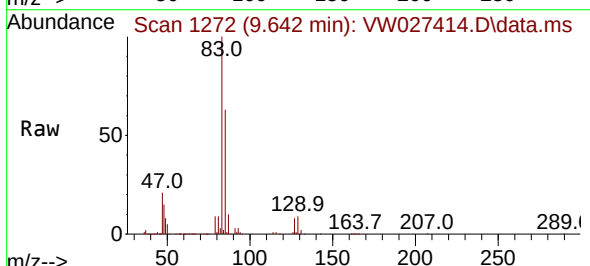
Tgt Ion: 83 Resp: 184807

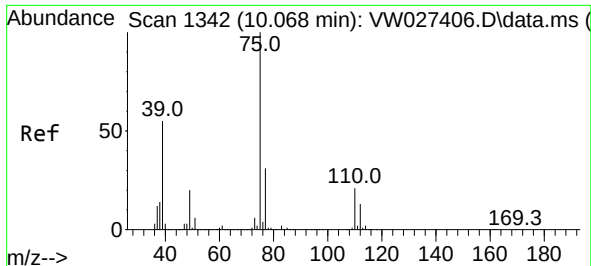
Ion Ratio Lower Upper

83 100

85 63.0 43.9 81.5

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 24.606 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

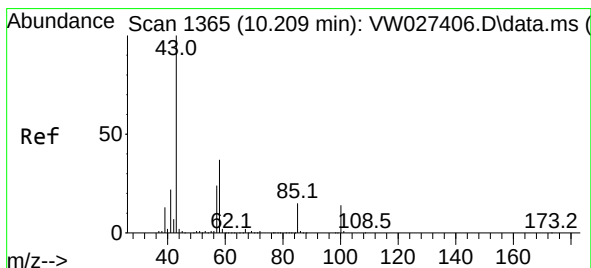
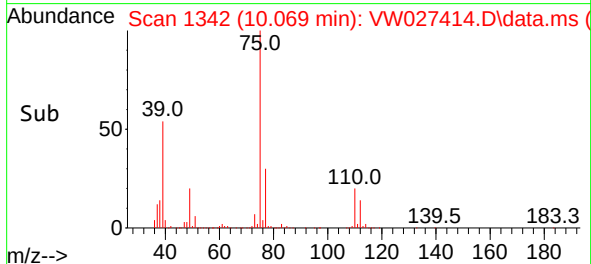
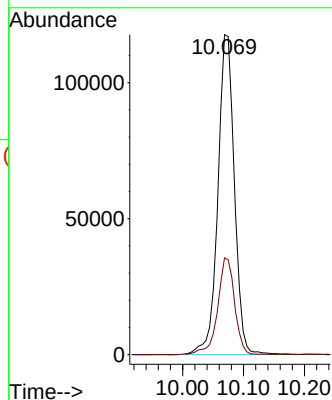
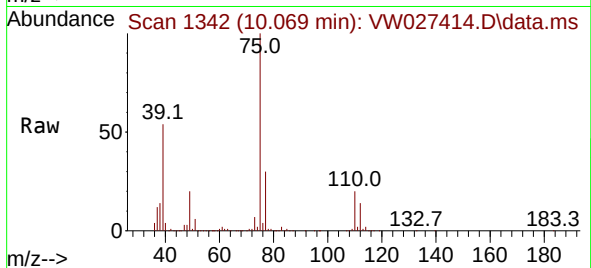
E0LJ3REMS

Tgt Ion: 75 Resp: 221362

Ion Ratio Lower Upper

75 100

77 30.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 61.855 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

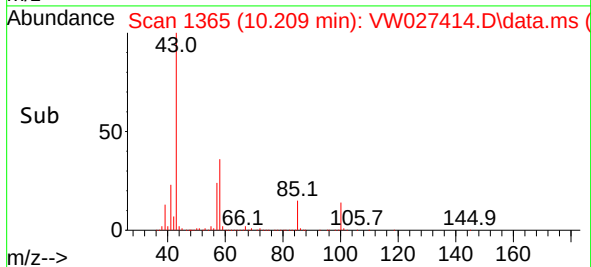
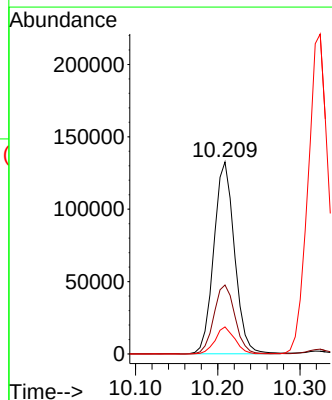
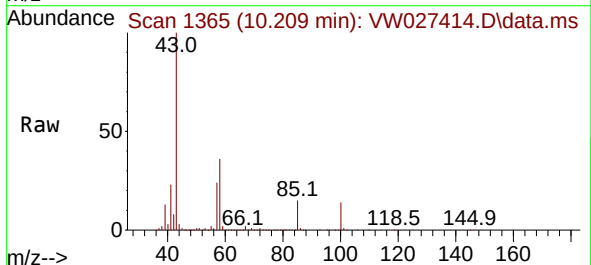
Tgt Ion: 43 Resp: 231671

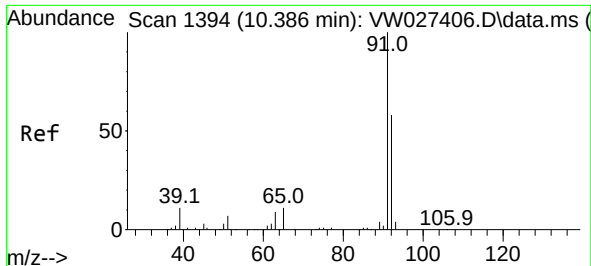
Ion Ratio Lower Upper

43 100

58 36.7 30.5 45.7

100 13.4 11.5 17.3

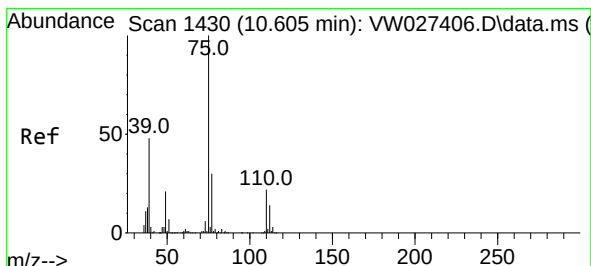
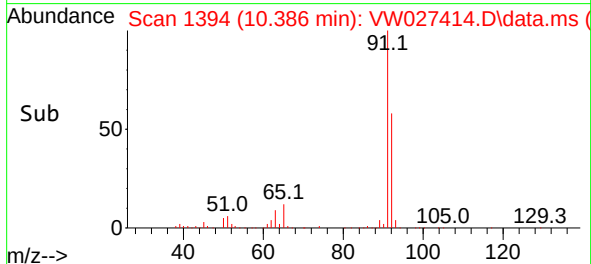
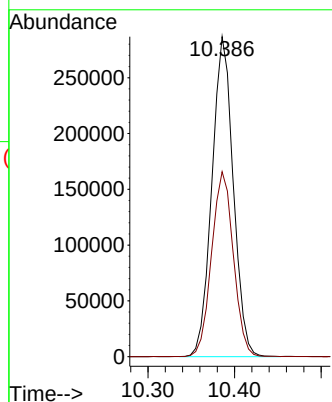
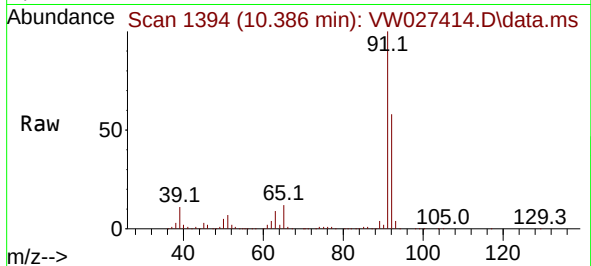




#42
Toluene
Concen: 23.247 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

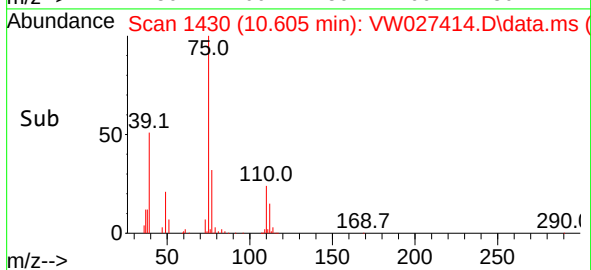
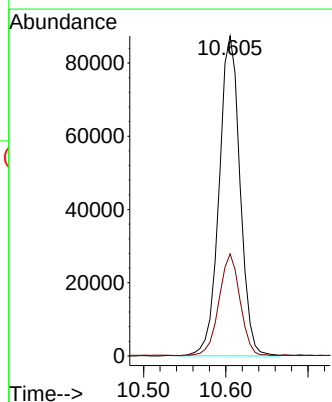
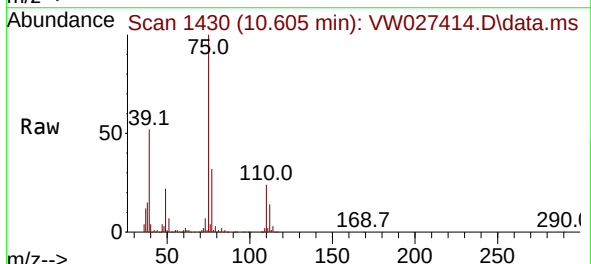
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

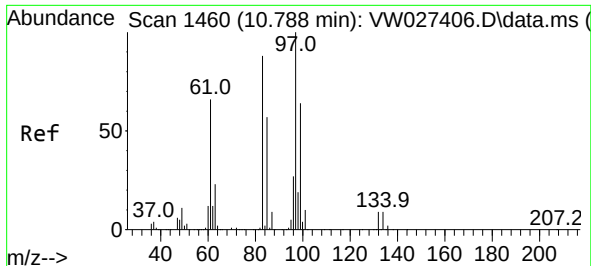
Tgt Ion: 91 Resp: 491193
Ion Ratio Lower Upper
91 100
92 57.8 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 20.379 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 75 Resp: 154696
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0



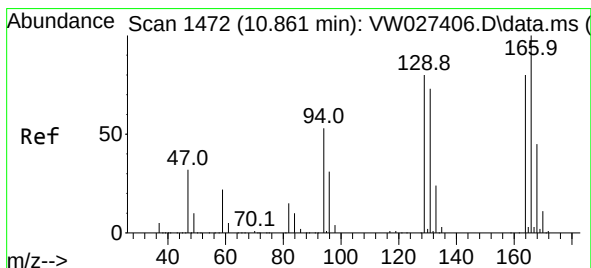
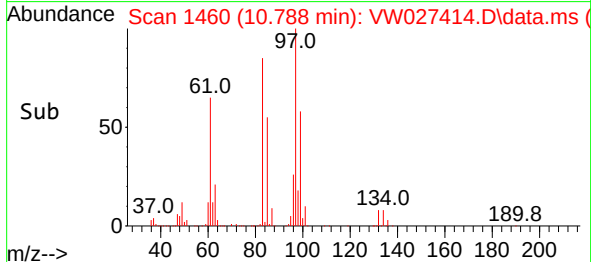
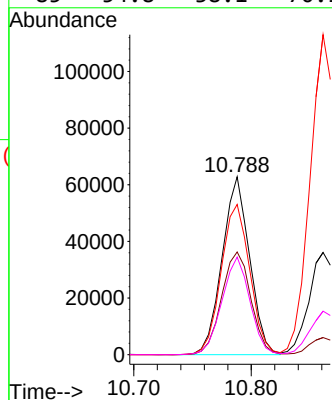
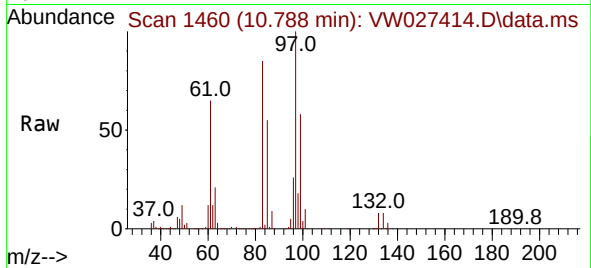


#45
1,1,2-Trichloroethane
Concen: 27.247 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

Tgt Ion: 97 Resp: 102112

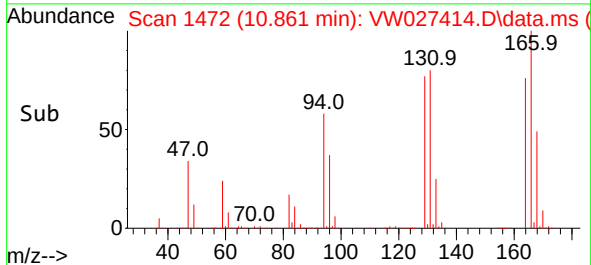
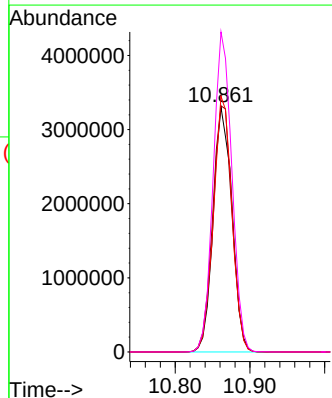
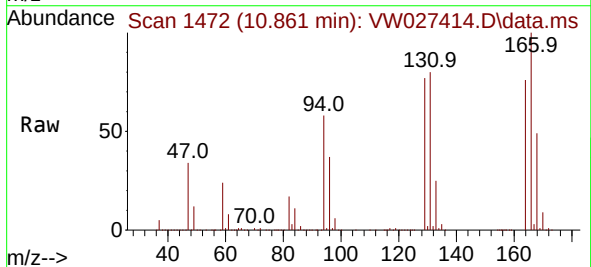
Ion	Ratio	Lower	Upper
97	100		
99	57.8	43.8	81.4
83	84.5	57.5	106.7
85	54.8	38.1	70.9

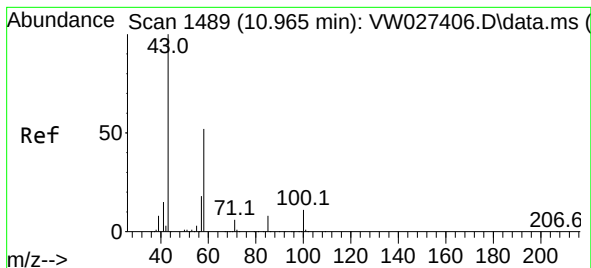


#46
Tetrachloroethene
Concen: 1577.377 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion:164 Resp: 5794919

Ion	Ratio	Lower	Upper
164	100		
129	100.6	74.7	138.7
131	104.5	73.2	136.0
166	130.8	87.3	162.1





#48

2-Hexanone

Concen: 56.539 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3REMS

Tgt Ion: 43 Resp: 156732

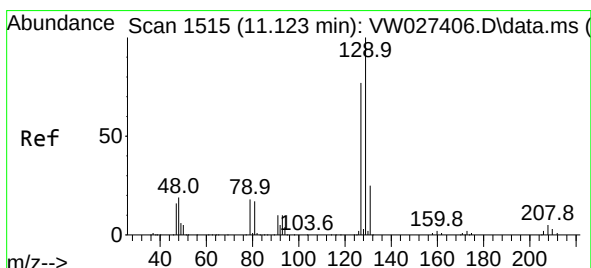
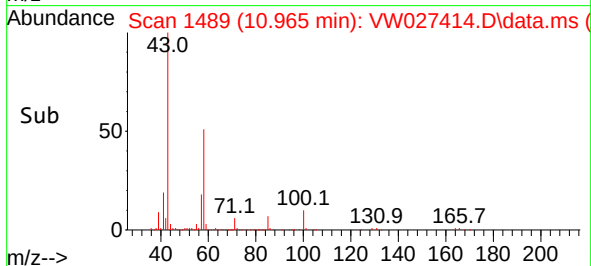
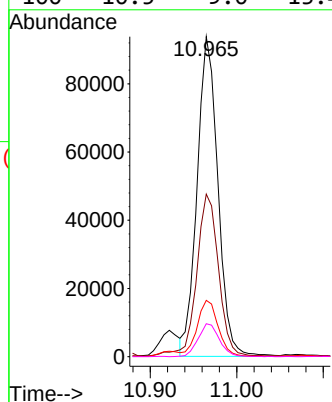
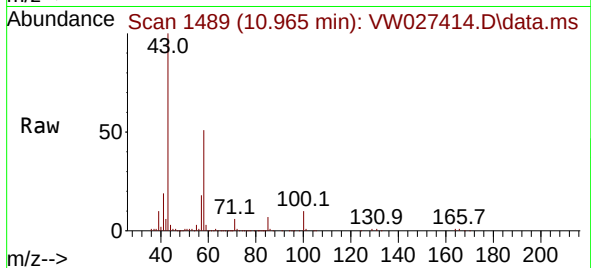
Ion Ratio Lower Upper

43 100

58 52.9 42.2 63.4

57 17.7 15.1 22.7

100 10.5 9.0 13.4



#49

Dibromochloromethane

Concen: 21.461 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW027414.D

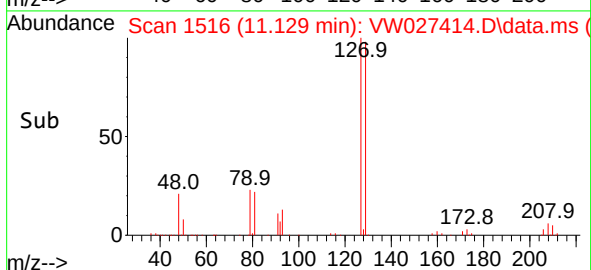
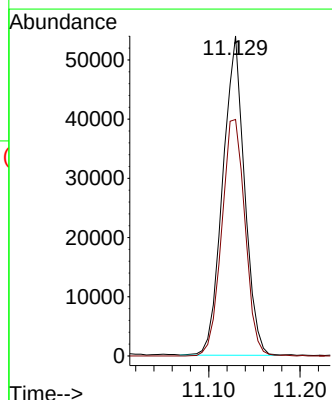
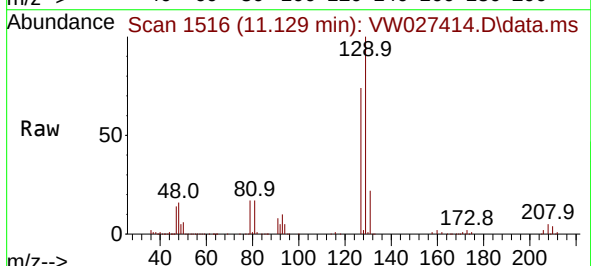
Acq: 24 Oct 2023 14:06

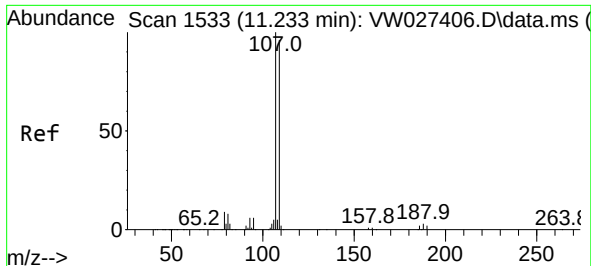
Tgt Ion: 129 Resp: 89320

Ion Ratio Lower Upper

129 100

127 73.9 51.7 95.9

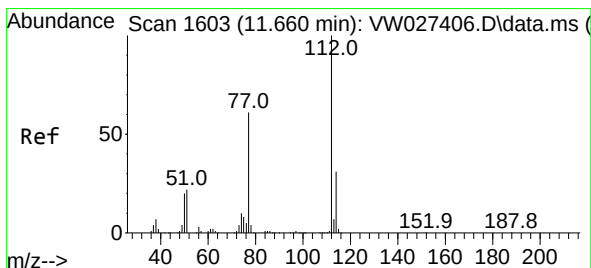
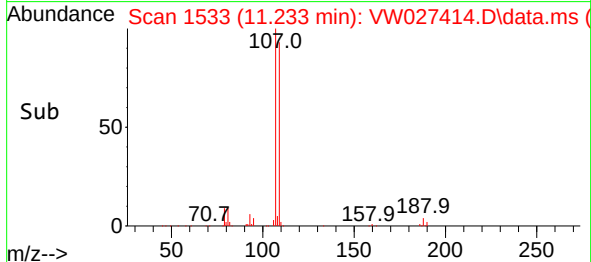
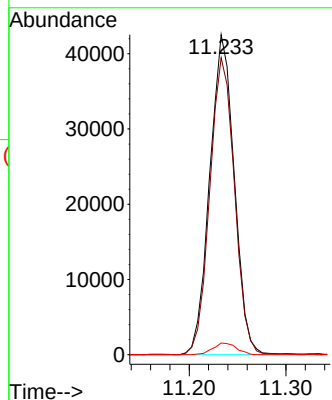
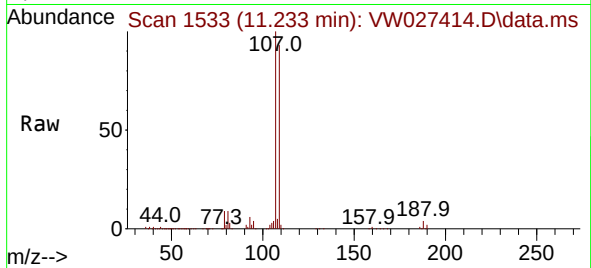




#50
1,2-Dibromoethane
Concen: 20.562 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

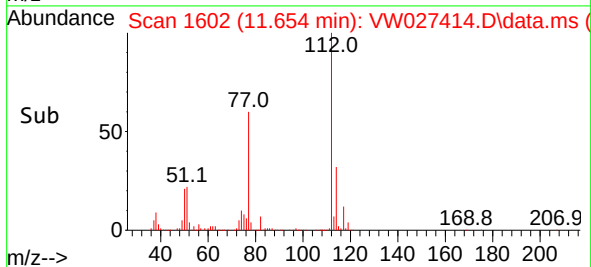
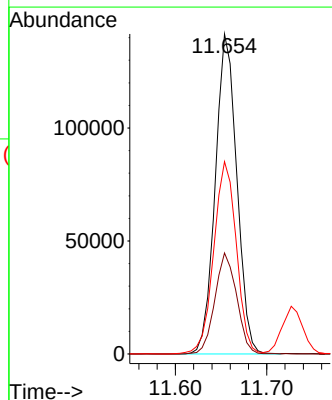
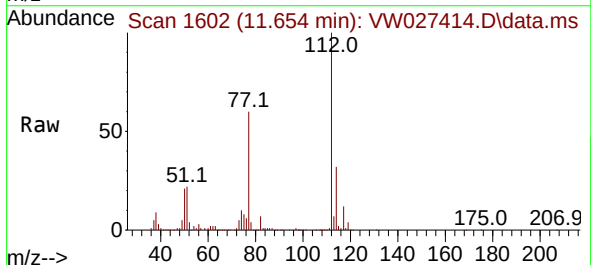
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

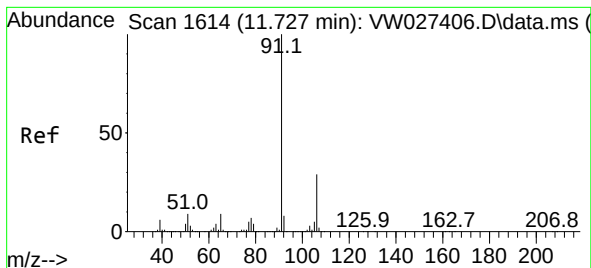
Tgt Ion:	107	Resp:	74714
Ion	Ratio	Lower	Upper
107	100		
109	92.8	66.3	123.1
188	3.6	3.0	4.4



#51
Chlorobenzene
Concen: 17.548 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion:	112	Resp:	232185
Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.8	40.6
77	60.1	52.2	78.4

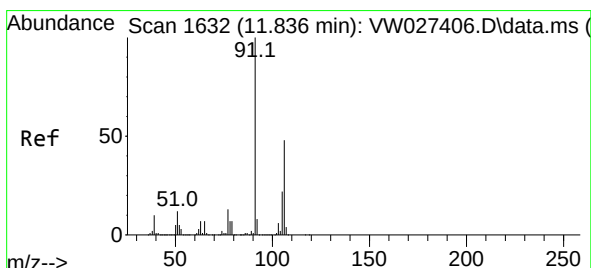
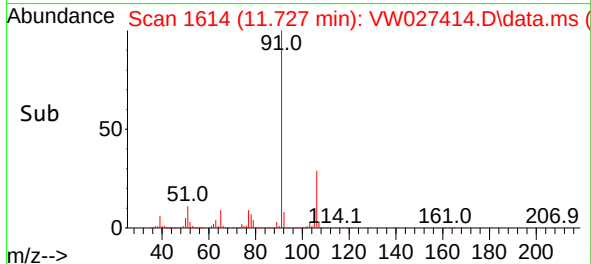
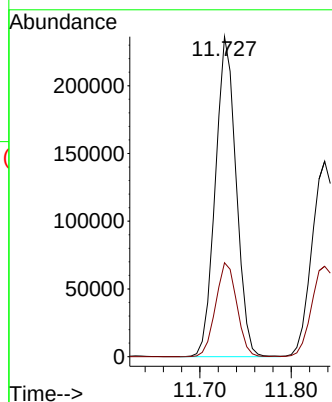
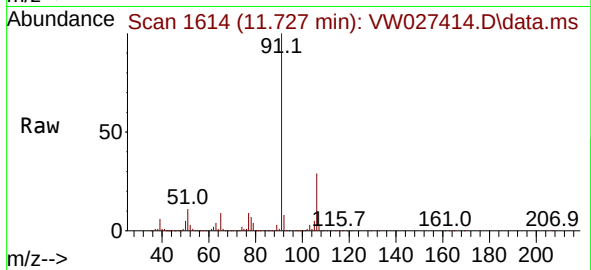




#52
Ethylbenzene
Concen: 15.230 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

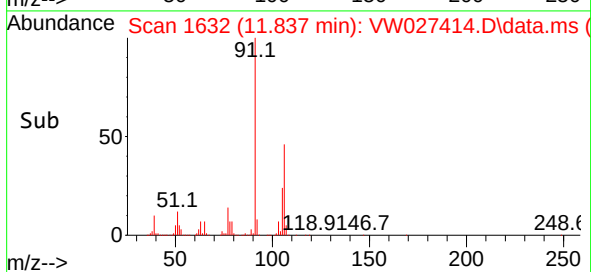
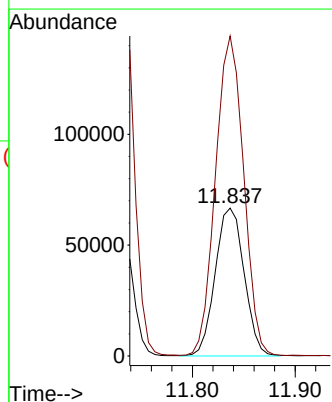
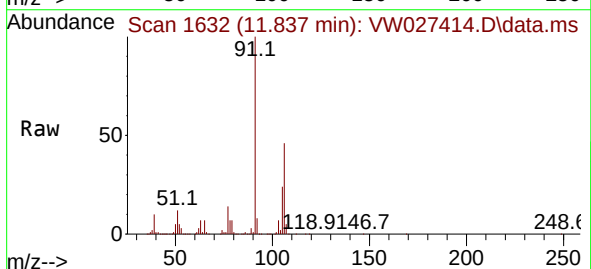
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

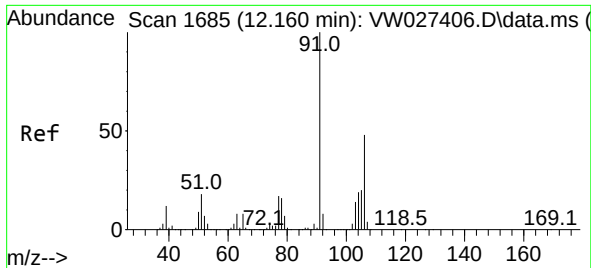
Tgt Ion: 91 Resp: 373956
Ion Ratio Lower Upper
91 100
106 29.3 19.8 36.8



#53
m,p-Xylene
Concen: 13.987 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion:106 Resp: 130264
Ion Ratio Lower Upper
106 100
91 216.3 144.5 268.4

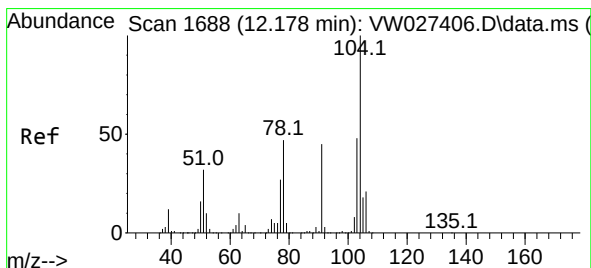
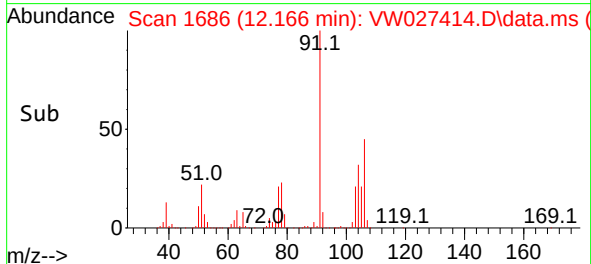
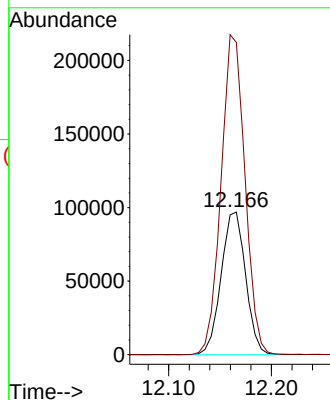
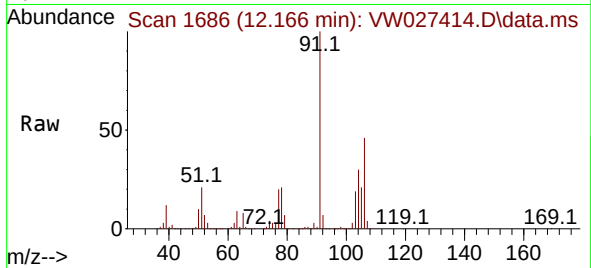




#54
o-Xylene
Concen: 17.994 ug/L
RT: 12.166 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

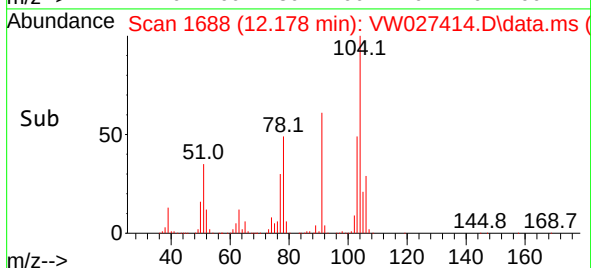
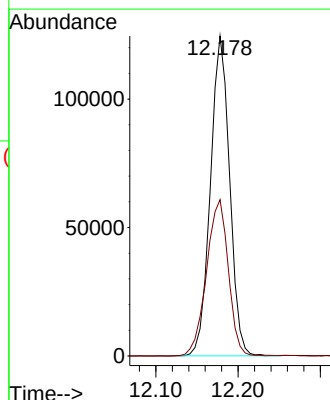
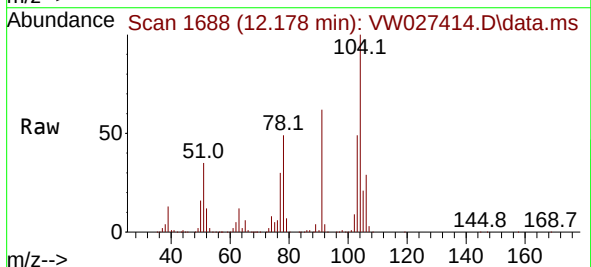
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

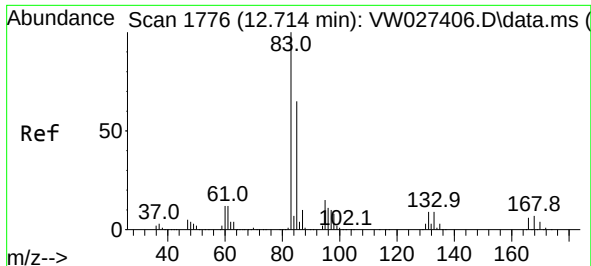
Tgt Ion:106 Resp: 160473
Ion Ratio Lower Upper
106 100
91 218.8 152.0 282.2



#55
Styrene
Concen: 13.246 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion:104 Resp: 201750
Ion Ratio Lower Upper
104 100
78 48.9 33.2 61.6

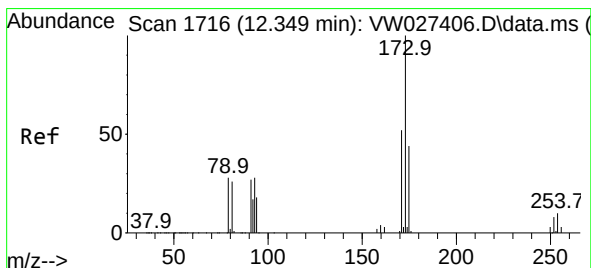
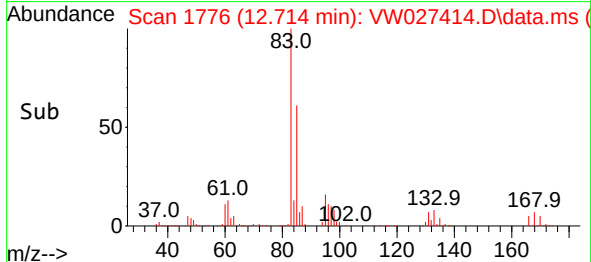
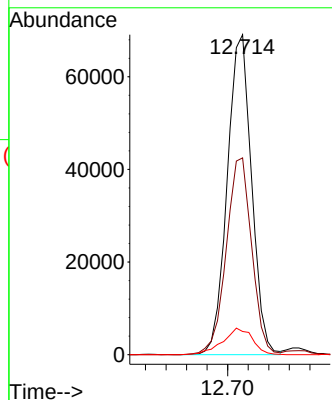
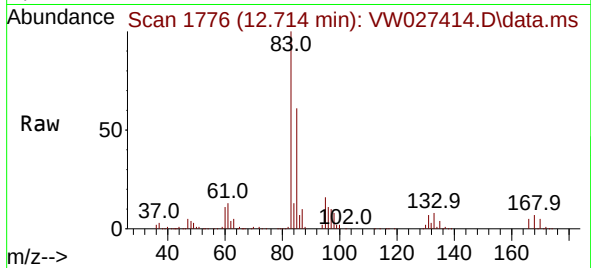




#57
1,1,2,2-Tetrachloroethane
Concen: 24.850 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

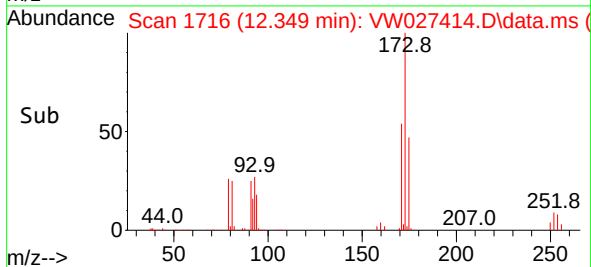
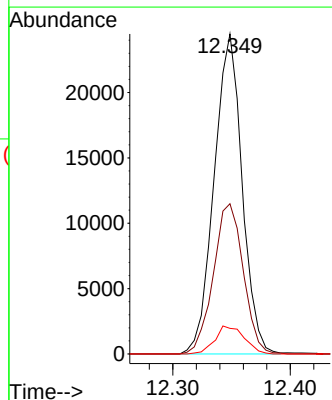
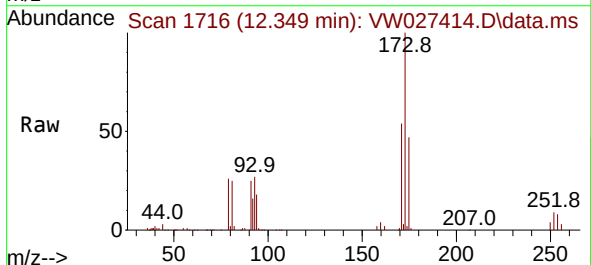
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

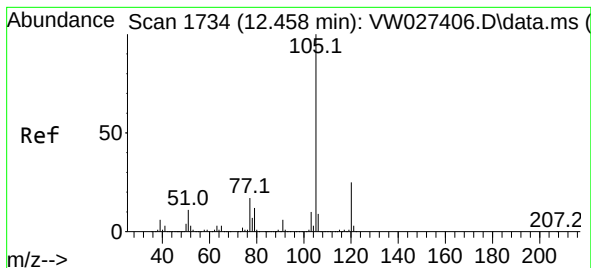
Tgt Ion: 83 Resp: 113691
Ion Ratio Lower Upper
83 100
85 61.5 43.2 80.2
131 7.3 7.2 10.8



#59
Bromoform
Concen: 49.809 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion:173 Resp: 40486
Ion Ratio Lower Upper
173 100
175 50.2 39.6 59.4
254 9.2 6.6 10.0

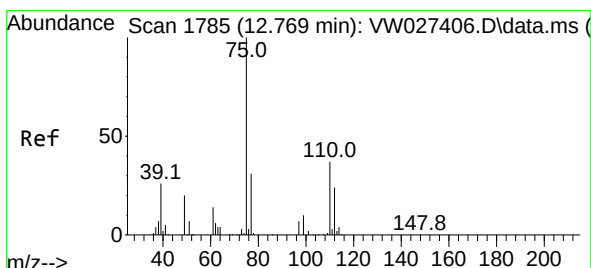
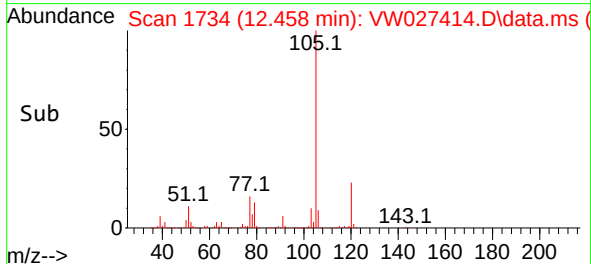
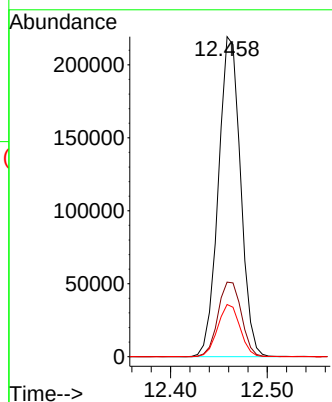
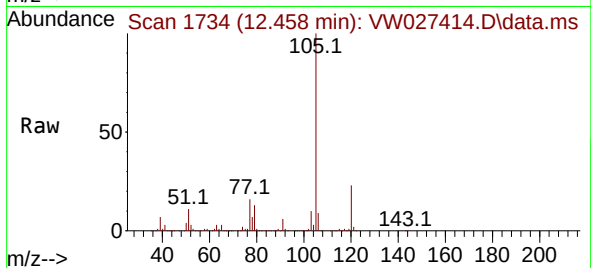




#60
Isopropylbenzene
Concen: 40.640 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

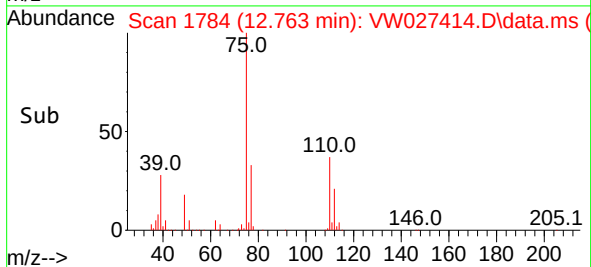
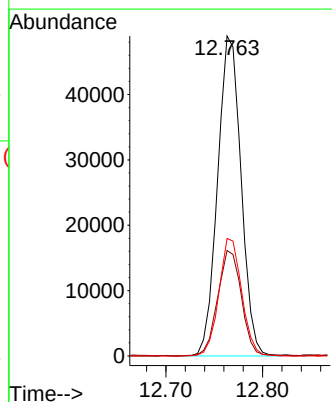
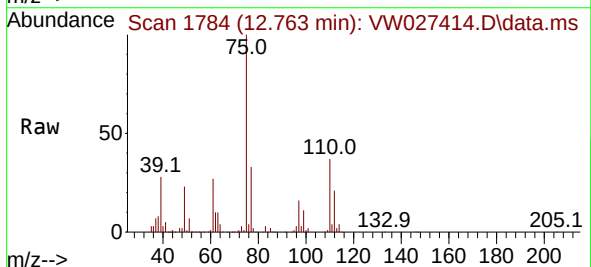
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

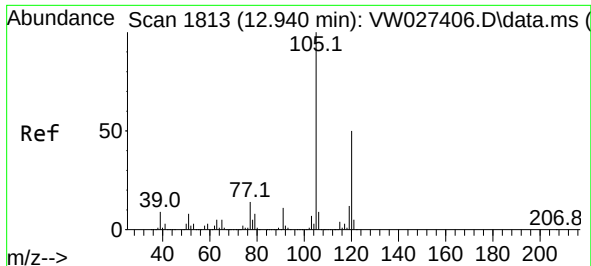
Tgt Ion:105 Resp: 348741
Ion Ratio Lower Upper
105 100
120 24.6 20.1 30.1
77 16.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 69.233 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion: 75 Resp: 82576
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0
110 35.6 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 34.746 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

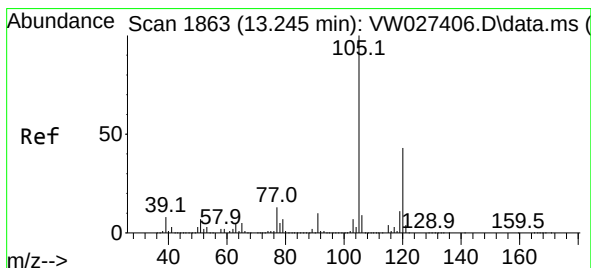
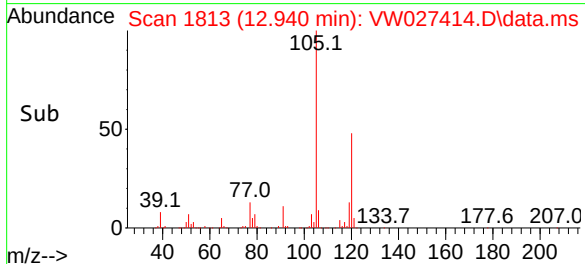
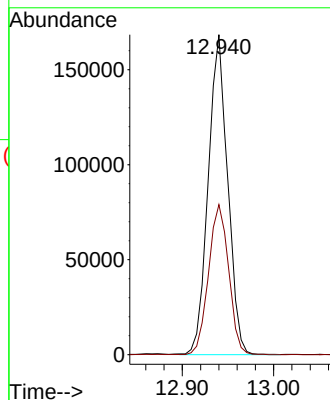
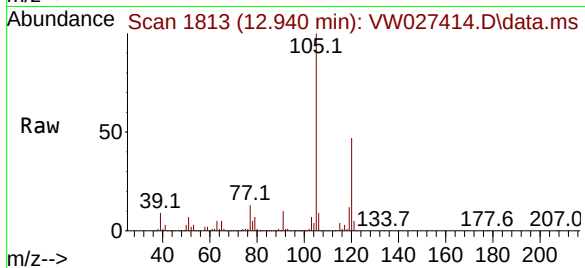
E0LJ3REMS

Tgt Ion:105 Resp: 248713

Ion Ratio Lower Upper

105 100

120 48.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 29.206 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027414.D

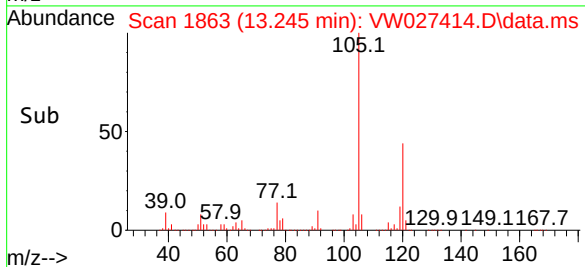
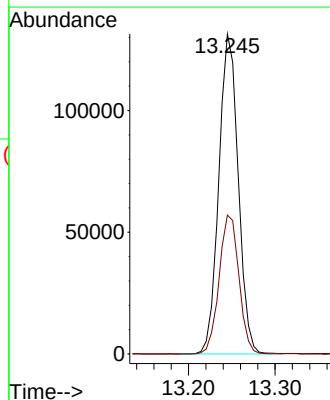
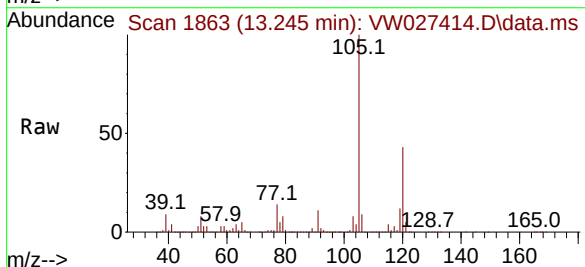
Acq: 24 Oct 2023 14:06

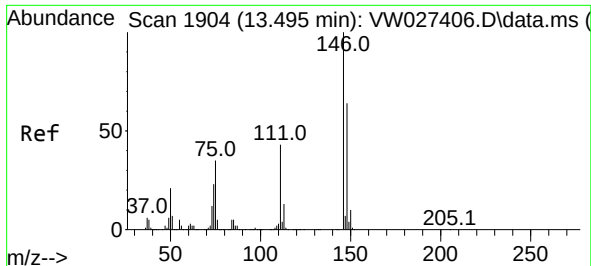
Tgt Ion:105 Resp: 204547

Ion Ratio Lower Upper

105 100

120 44.3 35.4 53.2

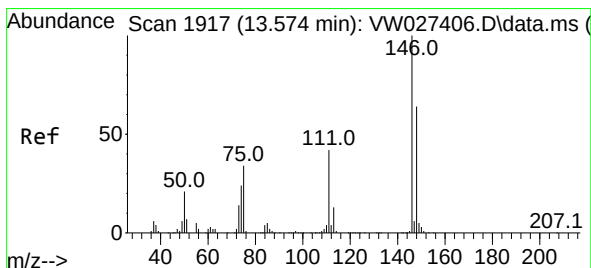
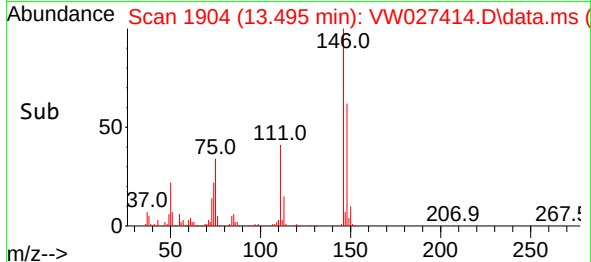
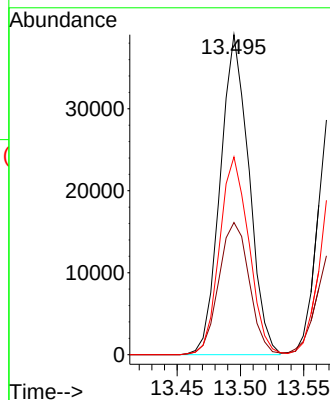
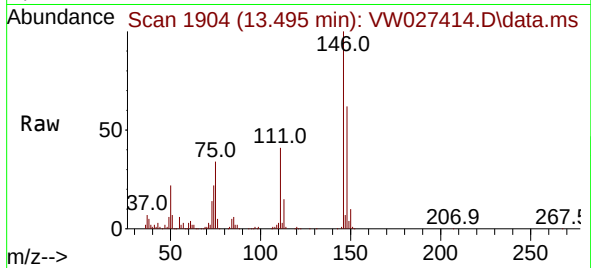




#64
1,3-Dichlorobenzene
Concen: 17.700 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

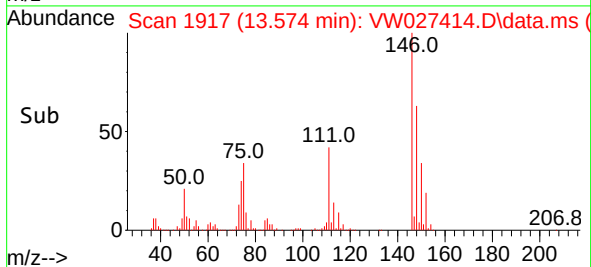
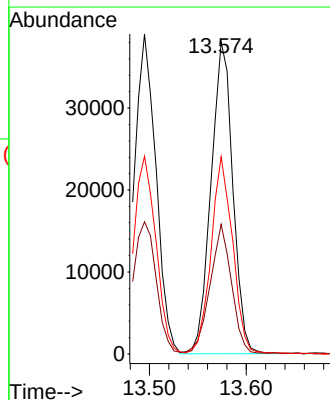
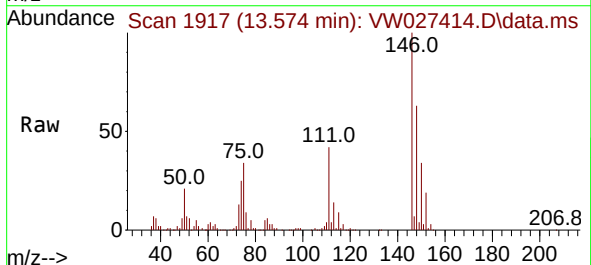
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

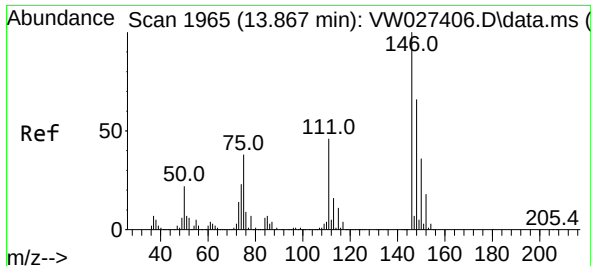
Tgt Ion:146 Resp: 61592
Ion Ratio Lower Upper
146 100
111 41.3 30.8 57.2
148 61.8 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 17.182 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion:146 Resp: 59710
Ion Ratio Lower Upper
146 100
111 41.5 29.5 54.9
148 63.2 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 20.867 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3REMS

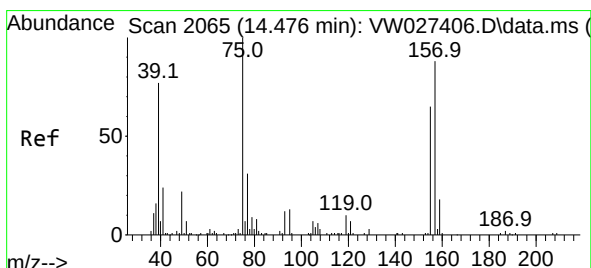
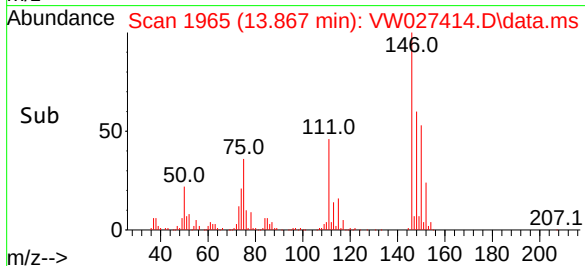
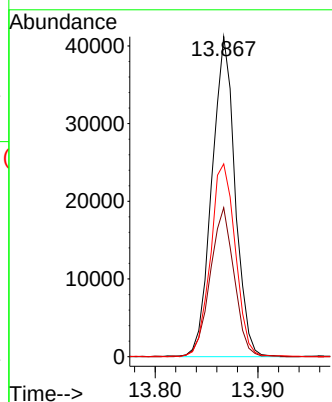
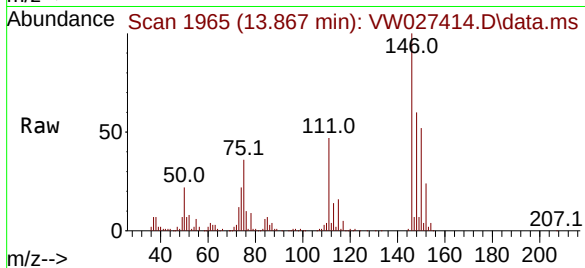
Tgt Ion:146 Resp: 64435

Ion Ratio Lower Upper

146 100

111 46.6 36.8 55.2

148 60.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 47.442 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027414.D

Acq: 24 Oct 2023 14:06

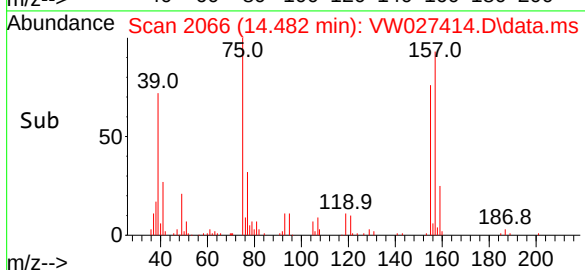
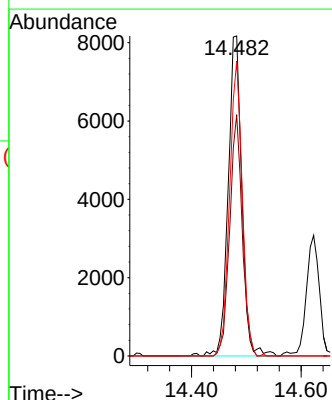
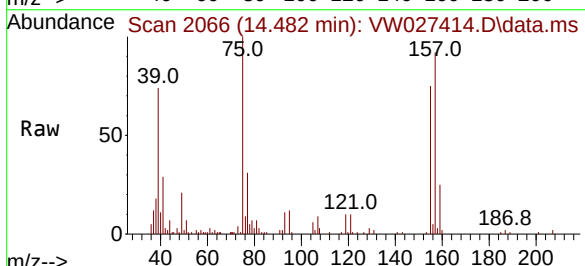
Tgt Ion: 75 Resp: 14142

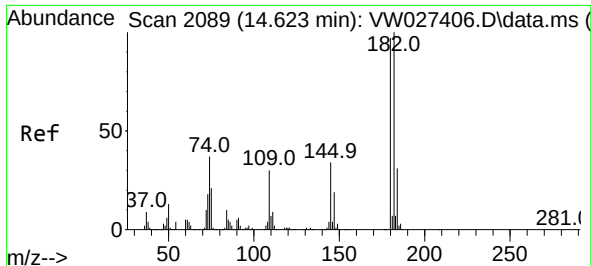
Ion Ratio Lower Upper

75 100

155 75.4 54.9 82.3

157 92.1 64.7 97.1

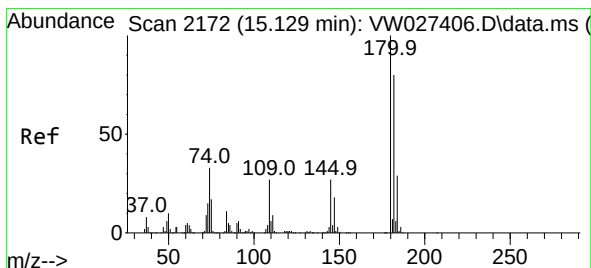
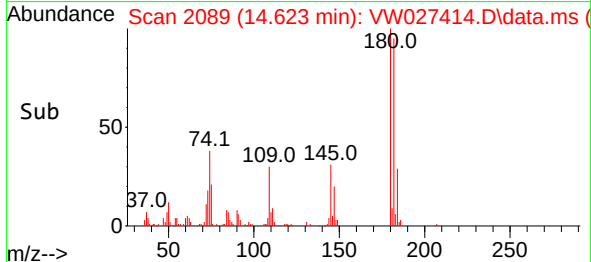
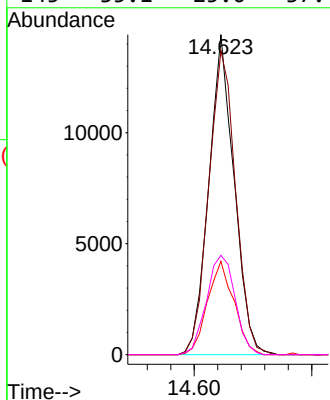
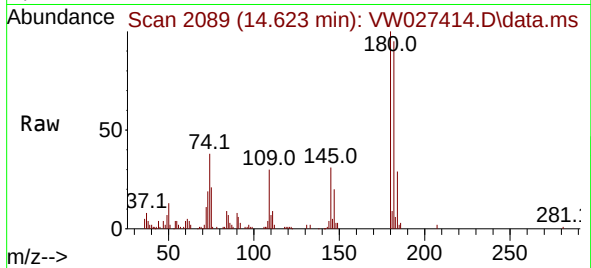




#69
1,3,5-Trichlorobenzene
Concen: 9.535 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

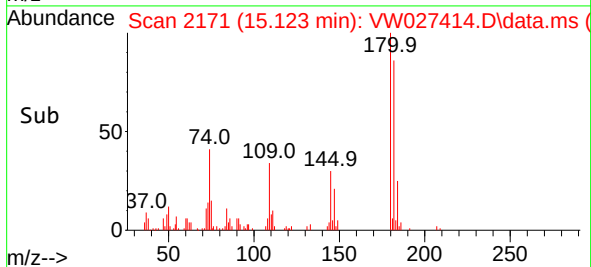
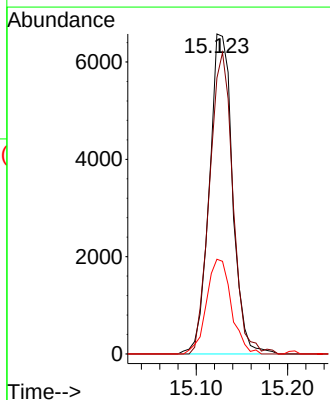
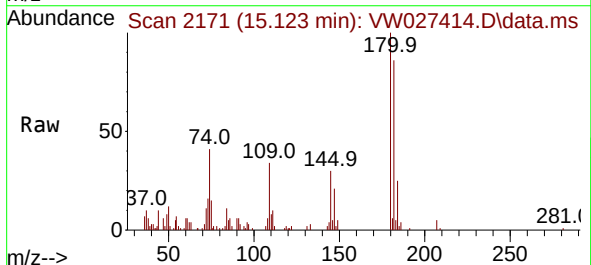
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

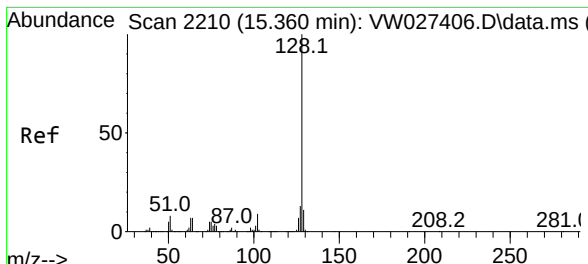
Tgt Ion:180	Resp:	21540
Ion Ratio	Lower	Upper
180	100	
182	100.8	73.4 110.0
184	30.7	23.3 34.9
145	35.1	25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 6.030 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion:180	Resp:	11594
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.5 113.3
145	31.6	26.4 39.6

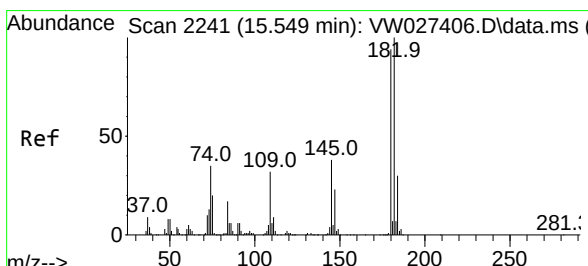
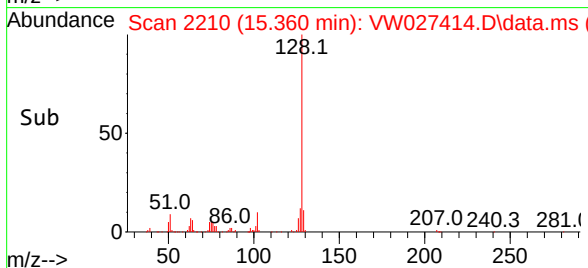
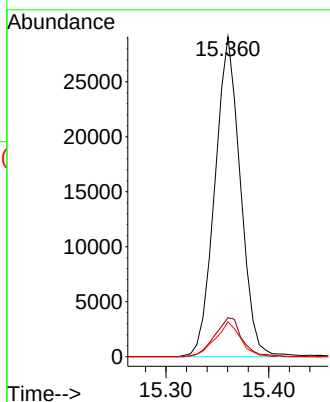
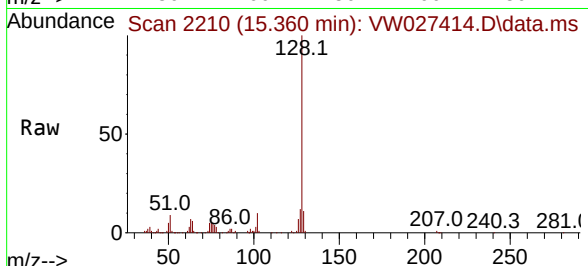




#71
Naphthalene
Concen: 12.650 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Instrument :
MSVOA_W
ClientSampleId :
E0LJ3REMS

Tgt Ion:	128	Resp:	50019
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.0	15.0
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 7.198 ug/L
RT: 15.555 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VW027414.D
Acq: 24 Oct 2023 14:06

Tgt Ion:	180	Resp:	11380
Ion Ratio	Lower	Upper	
180	100		
182	95.2	81.1	121.7
145	36.7	30.6	45.8

