

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026408.D
 Acq On : 28 Jun 2023 20:15
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Jun 28 23:54:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	832386	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	752517	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	362207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	293106	24.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.960%
7) Chloroethane-d5	2.893	69	224477	26.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.440%
11) 1,1-Dichloroethene-d2	4.021	65	137029	25.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.120%
21) 2-Butanone-d5	7.075	46	181279	47.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.400%
24) Chloroform-d	7.648	84	558419	23.675	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.680%
26) 1,2-Dichloroethane-d4	8.301	65	308507	23.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.120%
32) Benzene-d6	8.270	84	1139130	24.456	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.840%
36) 1,2-Dichloropropane-d6	9.270	67	362272	23.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.319	98	995054	24.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	10.575	79	143078	23.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.160%
47) 2-Hexanone-d5	10.922	63	114904	49.432	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	266112	22.332	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	308205	24.438	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	249882	24.974	ug/L	90
3) Chloromethane	2.229	50	385804	26.666	ug/L	97
5) Vinyl chloride	2.375	62	374703	24.908	ug/L	98
6) Bromomethane	2.783	94	208941	25.305	ug/L	99
8) Chloroethane	2.930	64	223308	27.684	ug/L	99
9) Trichlorofluoromethane	3.265	101	282921	26.664	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	289916	25.239	ug/L	97
12) 1,1-Dichloroethene	4.045	96	279372	25.957	ug/L	94
13) Acetone	4.112	43	125094	41.123	ug/L	95
14) Carbon disulfide	4.393	76	936963	24.636	ug/L	100
15) Methyl Acetate	4.661	43	170007	24.379	ug/L	99
16) Methylene chloride	4.917	84	345808	24.550	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	305410	25.817	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	514599	27.813	ug/L	99
19) 1,1-Dichloroethane	6.210	63	630339	25.442	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	338350	26.467	ug/L	98
22) 2-Butanone	7.167	43	220516	47.378	ug/L	97
23) Bromochloromethane	7.514	128	136029	24.808	ug/L	93
25) Chloroform	7.673	83	569154	24.788	ug/L	97

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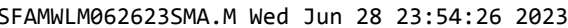
Instrument :
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 ClientSampleId :
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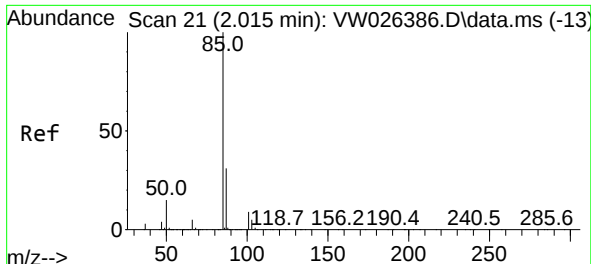
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 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	407574	24.689	ug/L	98
29) Cyclohexane	7.953	56	596056	27.430	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	448925	24.660	ug/L	99
31) Carbon tetrachloride	8.063	117	403611	24.664	ug/L	99
33) Benzene	8.319	78	1291284	25.404	ug/L	100
34) Trichloroethene	9.087	95	325995	25.049	ug/L	98
35) Methylcyclohexane	9.331	83	593377	26.587	ug/L	98
37) 1,2-Dichloropropane	9.367	63	344551	24.261	ug/L	99
38) Bromodichloromethane	9.642	83	404931	24.829	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	529409	26.019	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	480947	52.467	ug/L	98
42) Toluene	10.386	91	1341324	26.305	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	432233	25.167	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	234919	24.706	ug/L	97
46) Tetrachloroethene	10.861	164	225711	24.617	ug/L	91
48) 2-Hexanone	10.965	43	321830	49.758	ug/L	97
49) Dibromochloromethane	11.129	129	247085	25.377	ug/L	98
50) 1,2-Dibromoethane	11.233	107	220228	25.227	ug/L	97
51) Chlorobenzene	11.654	112	817000	25.119	ug/L	98
52) Ethylbenzene	11.727	91	1501990	26.141	ug/L	99
53) m,p-Xylene	11.837	106	577136	27.542	ug/L	96
54) o-Xylene	12.166	106	535930	27.163	ug/L	96
55) Styrene	12.178	104	911299	26.482	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	282423	23.762	ug/L	98
59) Bromoform	12.349	173	132817	24.239	ug/L	99
60) Isopropylbenzene	12.458	105	1471184	27.025	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	211442	24.015	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1244087	29.481	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1192915	29.310	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	603635	25.889	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	609406	26.116	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	548163	26.396	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	46872	23.098	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	382564	25.534	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	333379	27.189	ug/L	98
71) Naphthalene	15.360	128	738711	29.970	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	292675	25.566	ug/L	98

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

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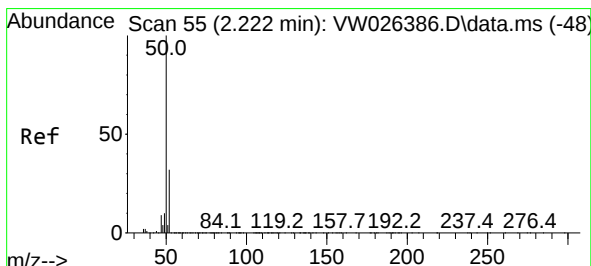
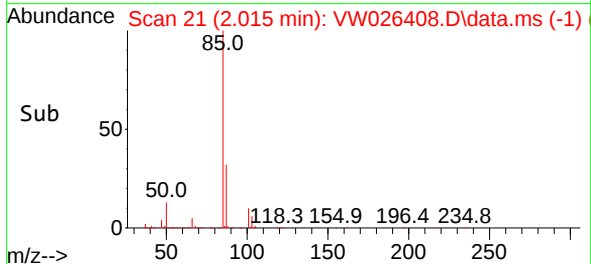
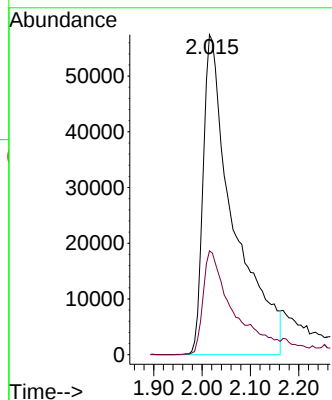
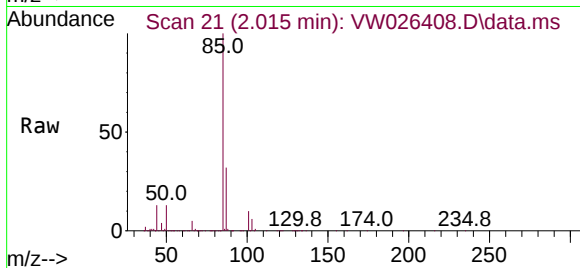




#2
 Dichlorodifluoromethane
 Concen: 24.974 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

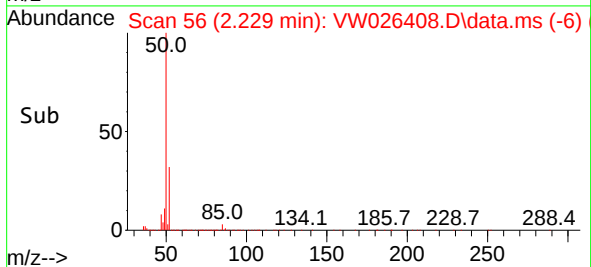
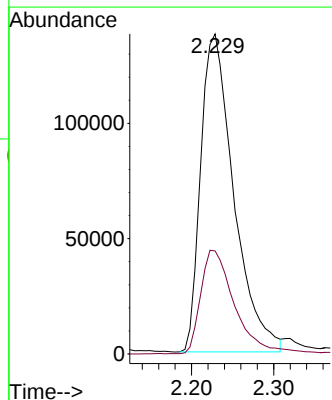
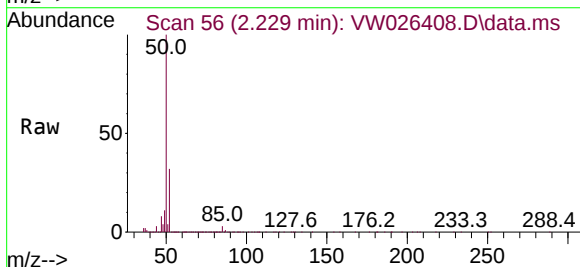
Instrument :
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 ClientSampleId :
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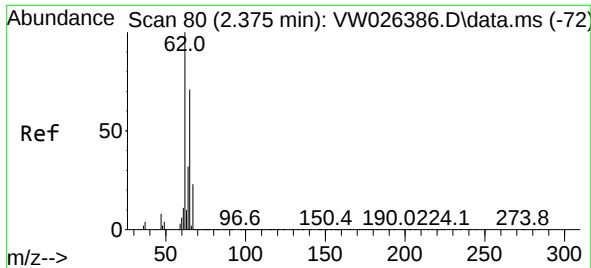
Tgt Ion: 85 Resp: 249882
 Ion Ratio Lower Upper
 85 100
 87 26.2 25.2 37.8



#3
 Chloromethane
 Concen: 26.666 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

Tgt Ion: 50 Resp: 385804
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.4 39.8

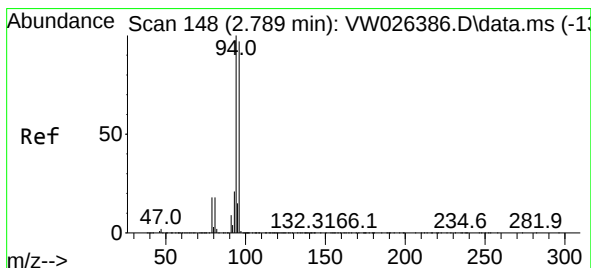
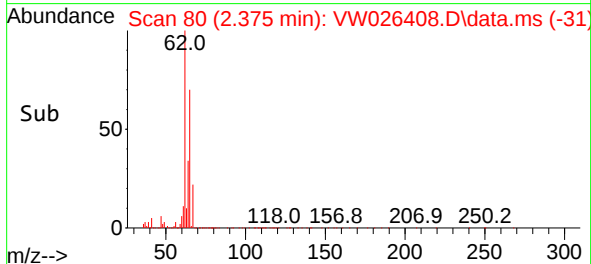
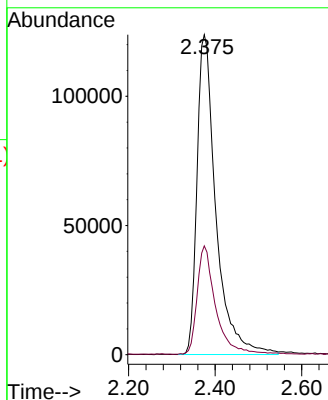
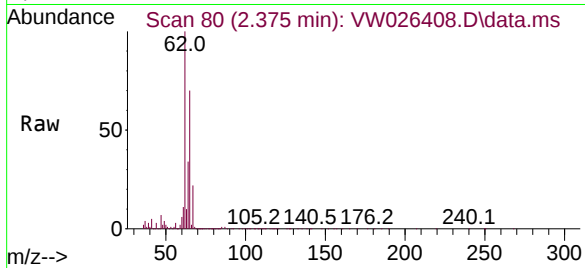




#5
 Vinyl chloride
 Concen: 24.908 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

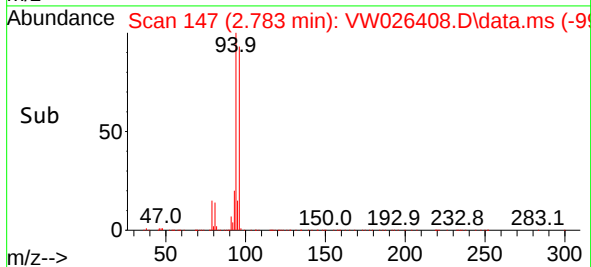
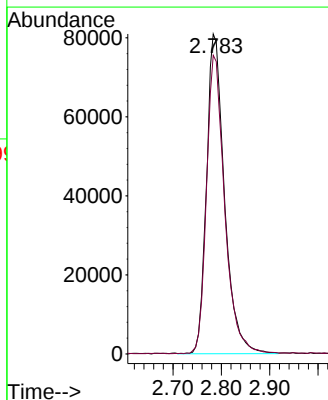
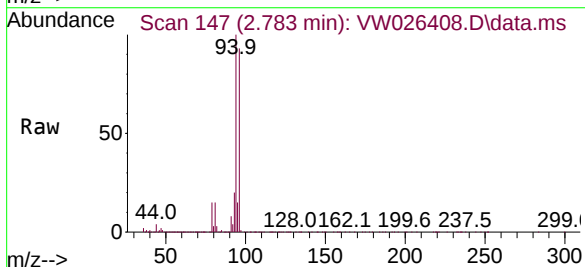
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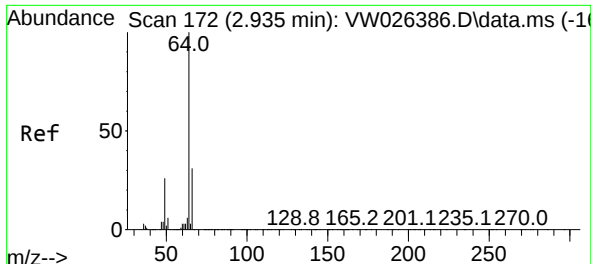
Tgt Ion: 62 Resp: 374703
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.0 42.8



#6
 Bromomethane
 Concen: 25.305 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

Tgt Ion: 94 Resp: 208941
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.6 120.0

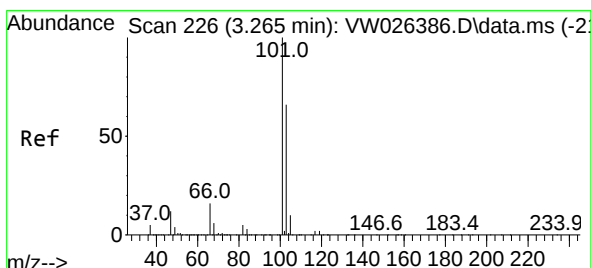
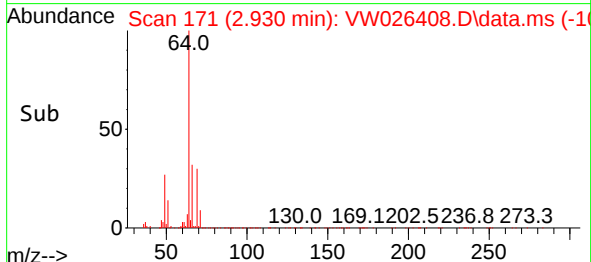
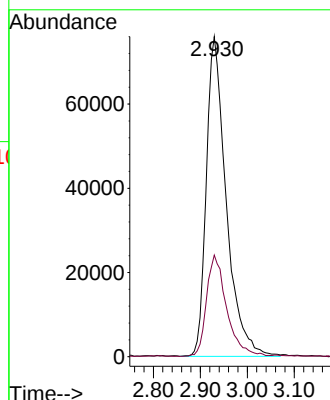
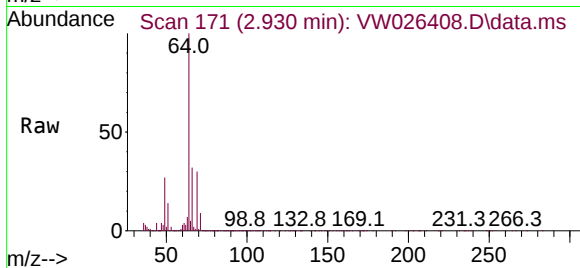




#8
Chloroethane
Concen: 27.684 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

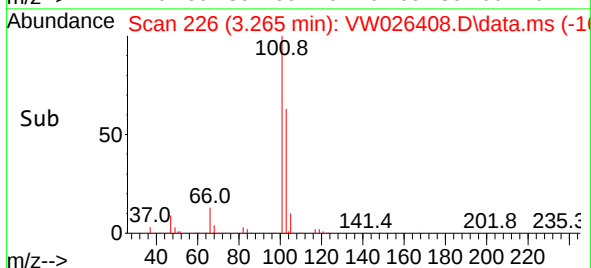
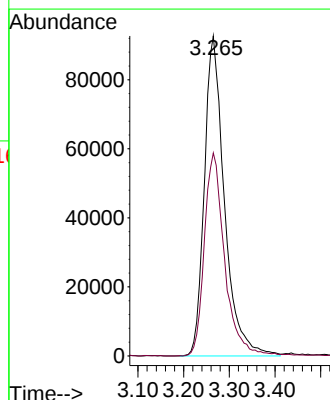
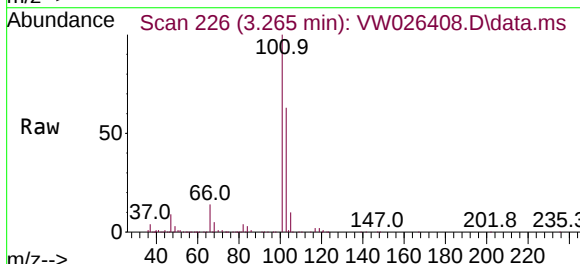
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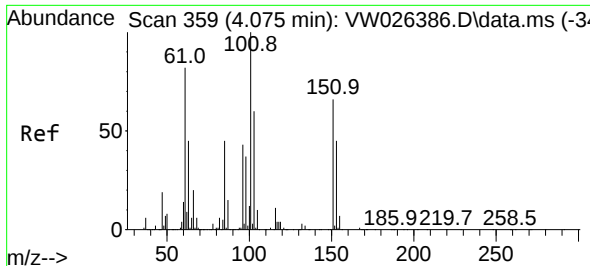
Tgt Ion: 64 Resp: 223308
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 26.664 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion:101 Resp: 282921
Ion Ratio Lower Upper
101 100
103 63.9 52.9 79.3

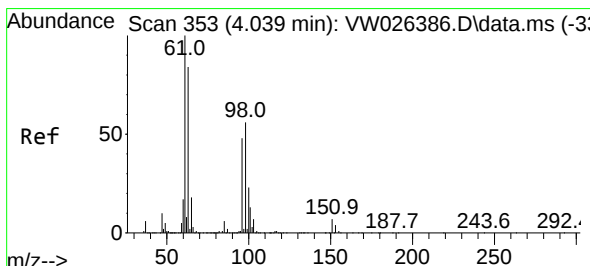
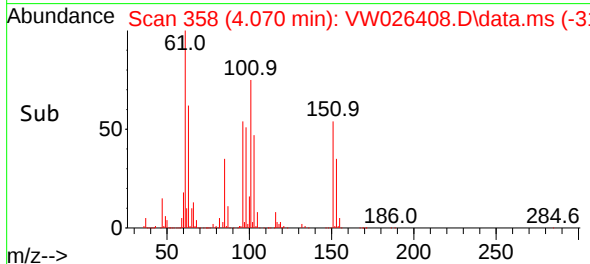
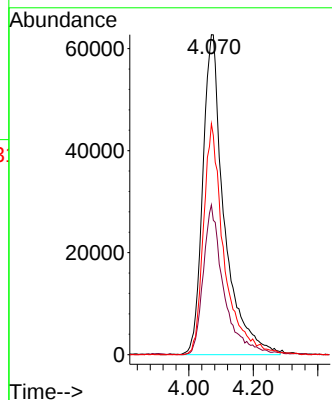
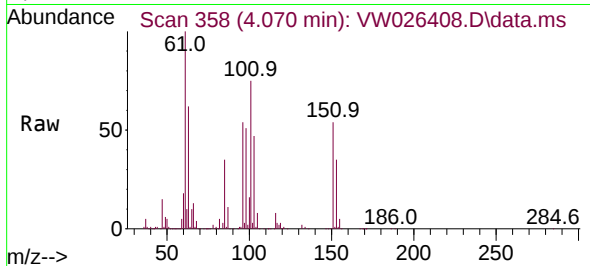




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.239 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

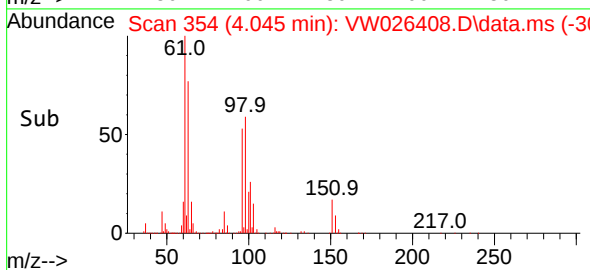
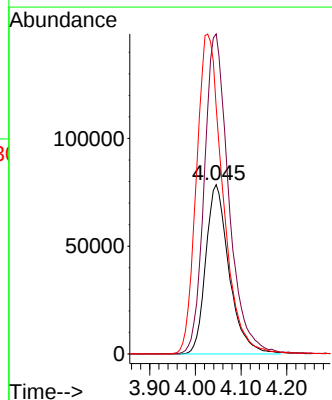
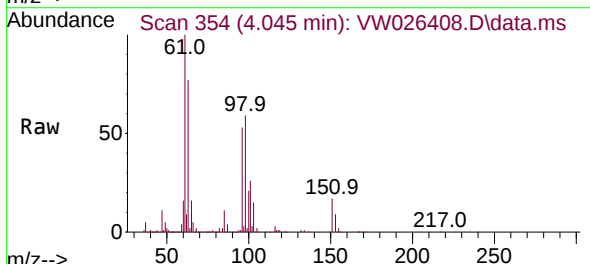
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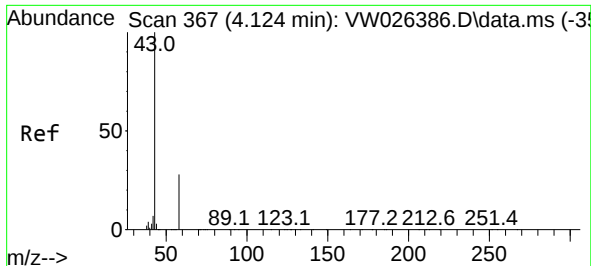
Tgt Ion:101 Resp: 289916
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.4 53.0
 151 66.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 25.957 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

Tgt Ion: 96 Resp: 279372
 Ion Ratio Lower Upper
 96 100
 61 189.0 134.3 249.3
 63 145.6 112.3 208.5

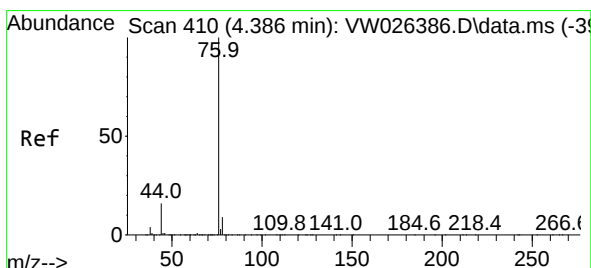
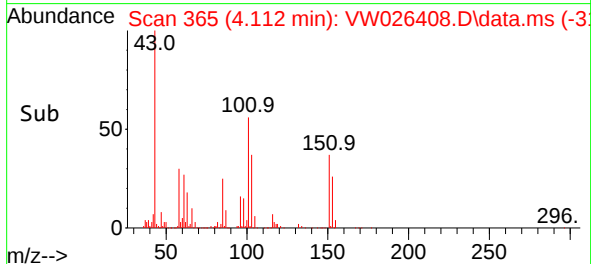
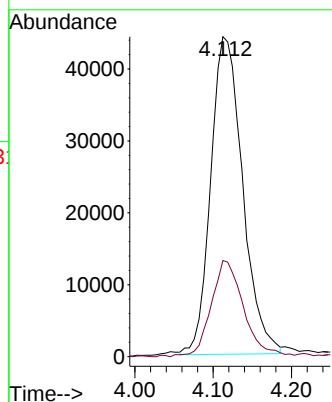
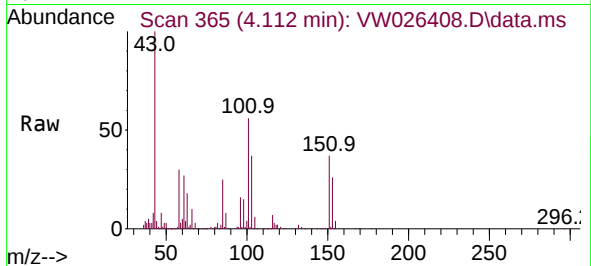




#13
Acetone
Concen: 41.123 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

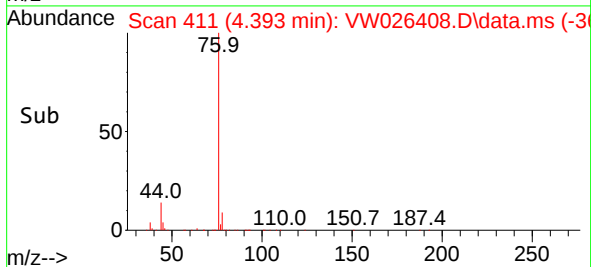
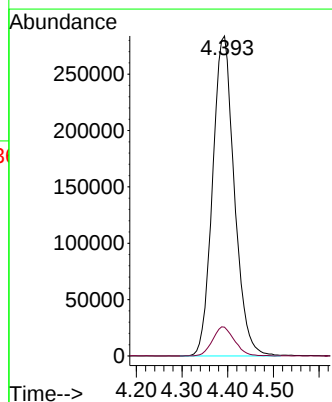
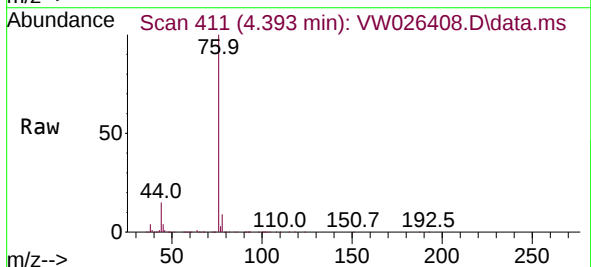
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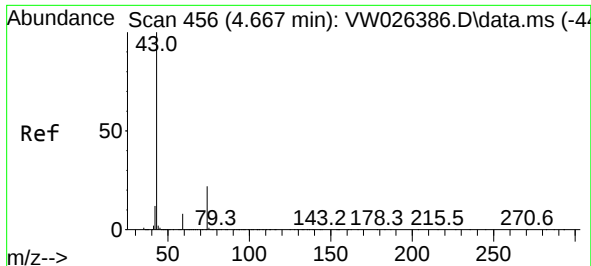
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Ion Ratio Lower Upper
43 100
58 30.8 0.0 55.8



#14
Carbon disulfide
Concen: 24.636 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 76 Resp: 936963
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

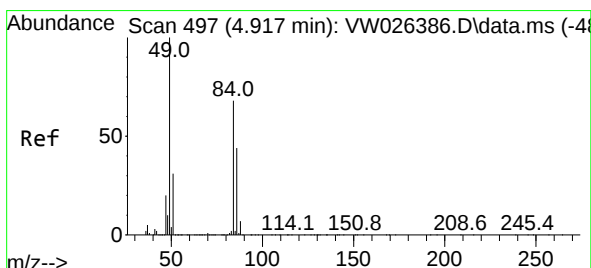
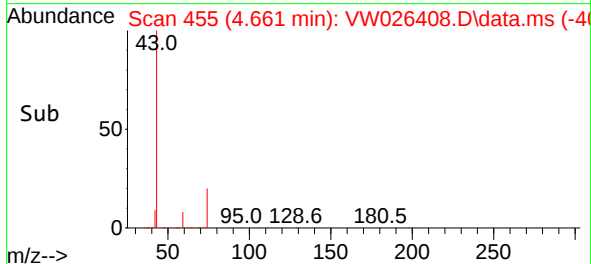
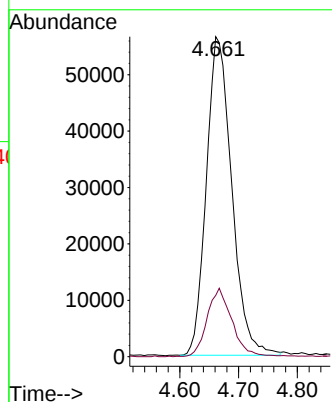
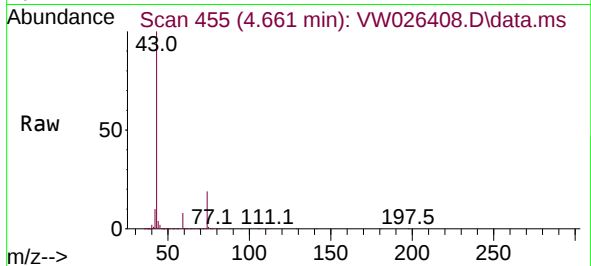




#15
Methyl Acetate
Concen: 24.379 ug/L
RT: 4.661 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

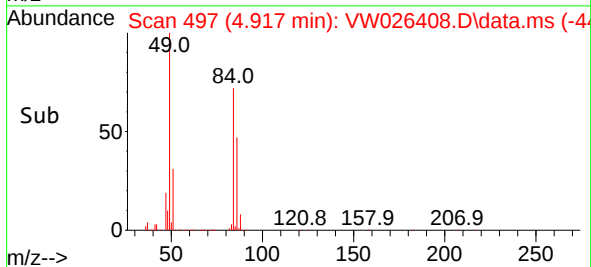
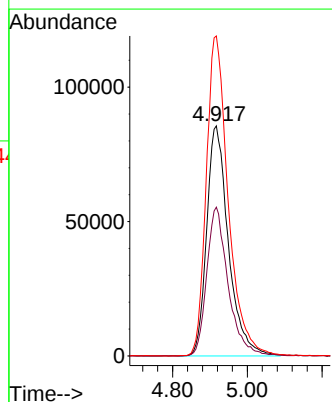
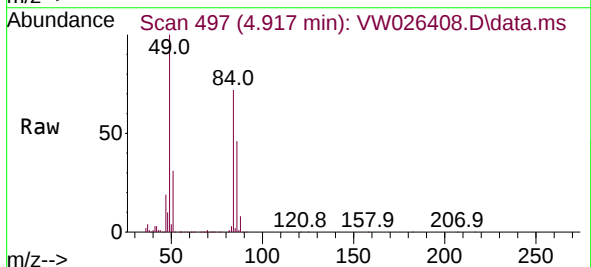
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

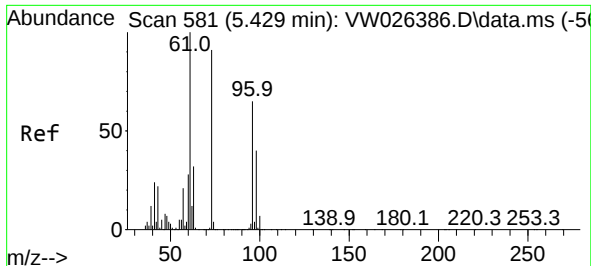
Tgt Ion: 43 Resp: 170007
Ion Ratio Lower Upper
43 100
74 20.7 16.3 24.5



#16
Methylene chloride
Concen: 24.550 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 84 Resp: 345808
Ion Ratio Lower Upper
84 100
86 64.7 43.9 81.5
49 139.1 100.4 186.4

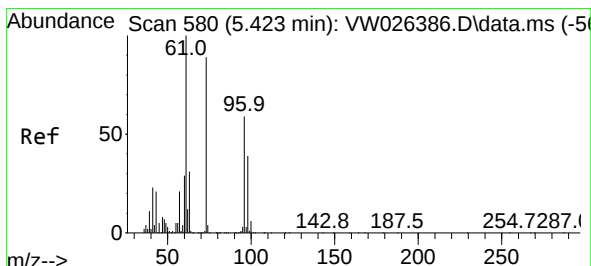
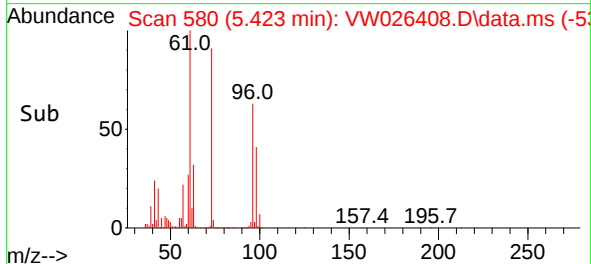
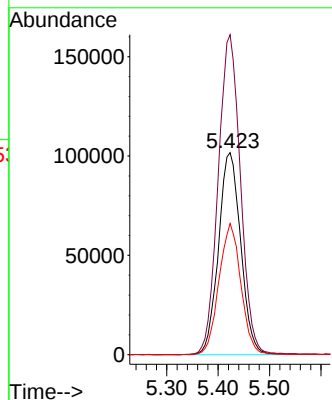
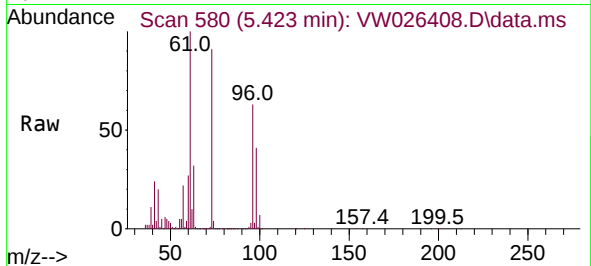




#17
trans-1,2-Dichloroethene
Concen: 25.817 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

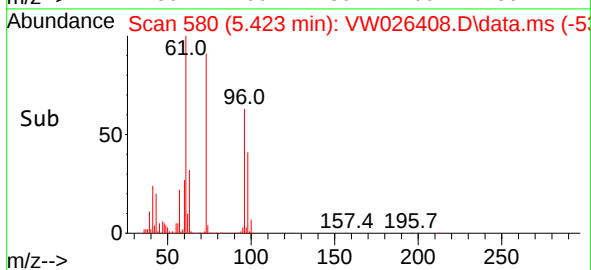
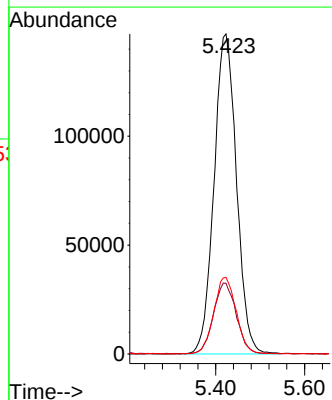
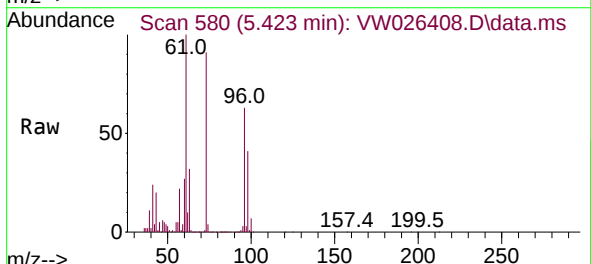
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

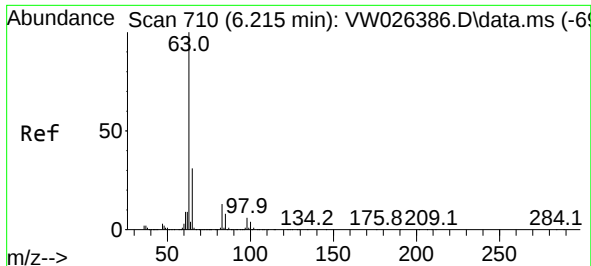
Tgt Ion: 96 Resp: 305410
Ion Ratio Lower Upper
96 100
61 158.3 106.1 197.1
98 65.0 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 27.813 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 73 Resp: 514599
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1
57 23.8 19.5 29.3





#19

1,1-Dichloroethane

Concen: 25.442 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

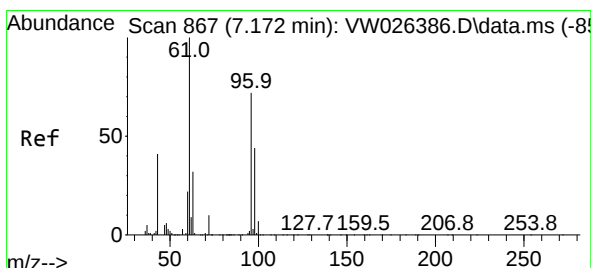
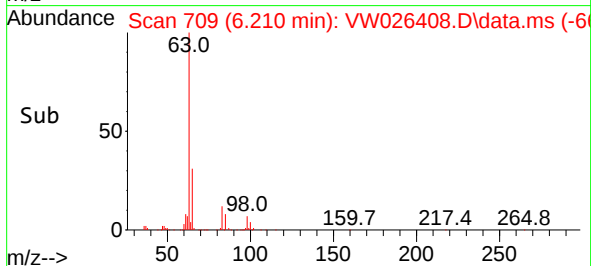
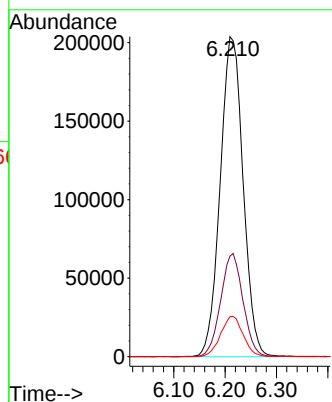
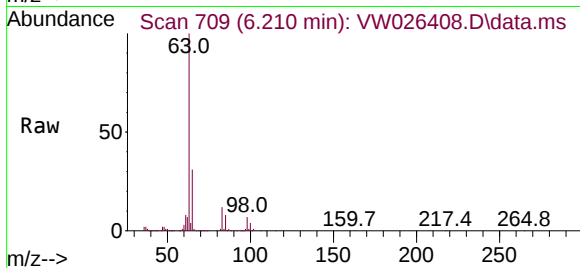
Tgt Ion: 63 Resp: 630339

Ion Ratio Lower Upper

63 100

65 31.4 22.8 42.4

83 12.5 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 26.467 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

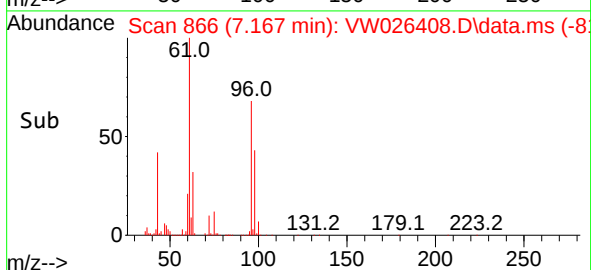
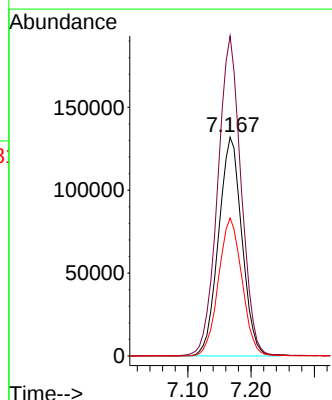
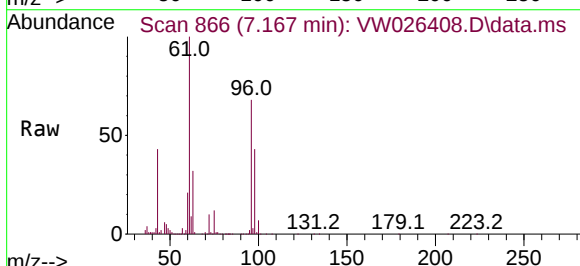
Tgt Ion: 96 Resp: 338350

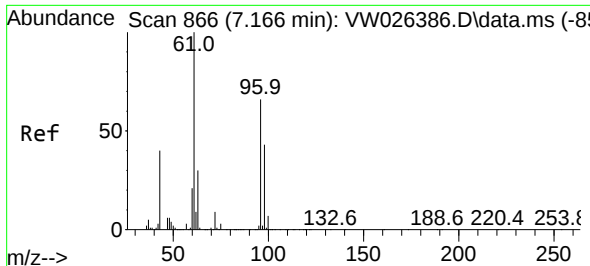
Ion Ratio Lower Upper

96 100

61 146.3 100.8 187.2

98 63.1 45.7 84.9

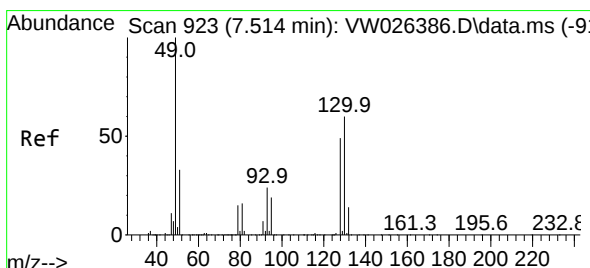
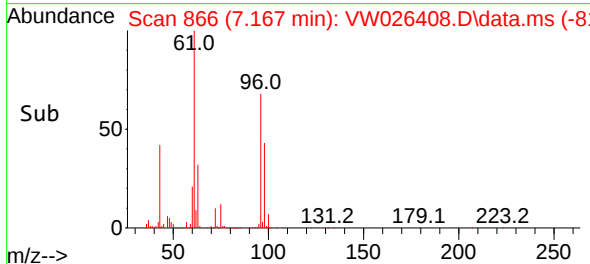
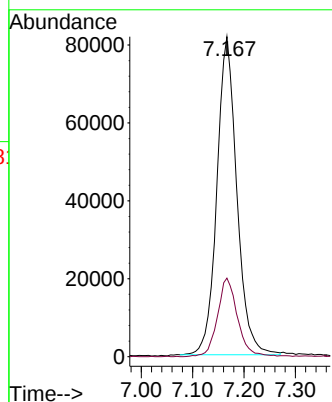
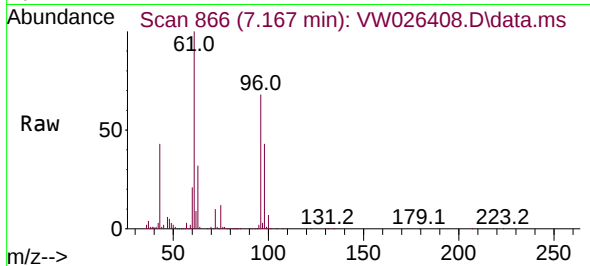




#22
2-Butanone
Concen: 47.378 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

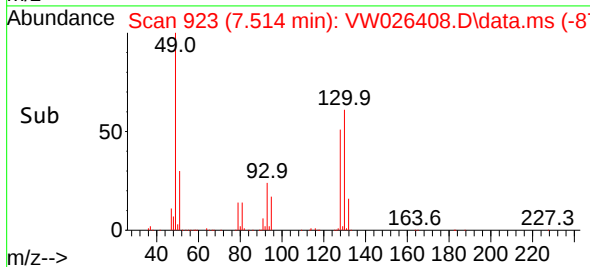
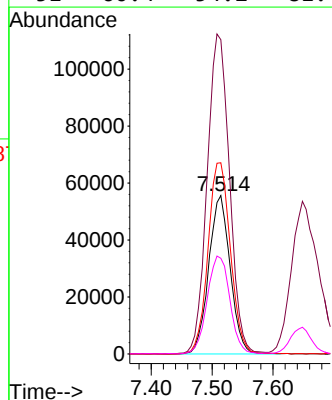
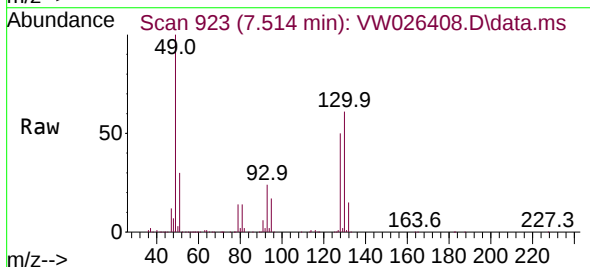
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

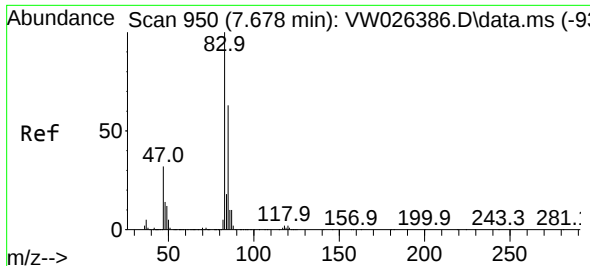
Tgt Ion: 43 Resp: 220516
Ion Ratio Lower Upper
43 100
72 24.8 11.8 35.3



#23
Bromochloromethane
Concen: 24.808 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 128 Resp: 136029
Ion Ratio Lower Upper
128 100
49 198.3 148.5 275.9
130 120.7 82.6 153.4
51 60.4 54.2 81.4

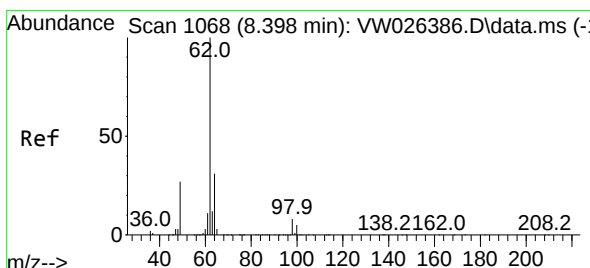
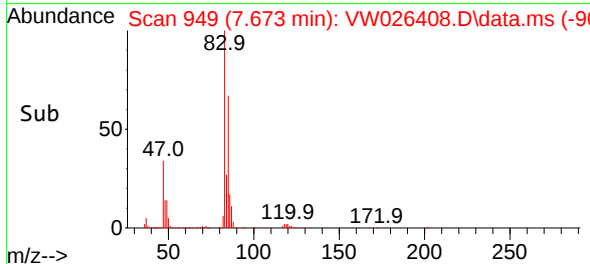
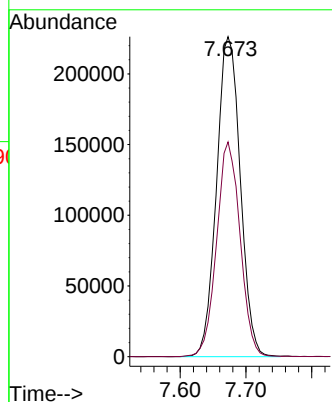
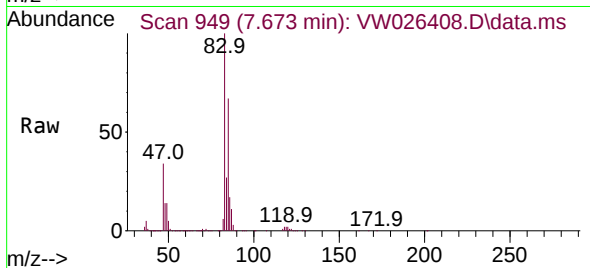




#25
Chloroform
Concen: 24.788 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

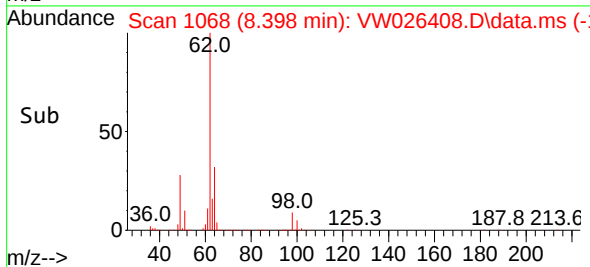
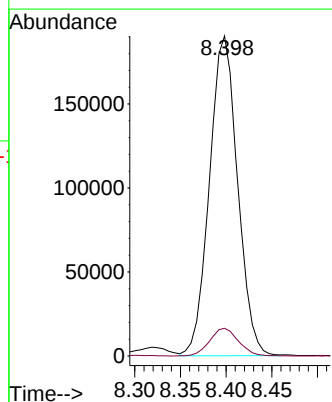
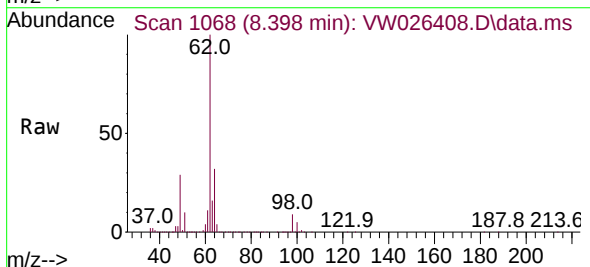
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

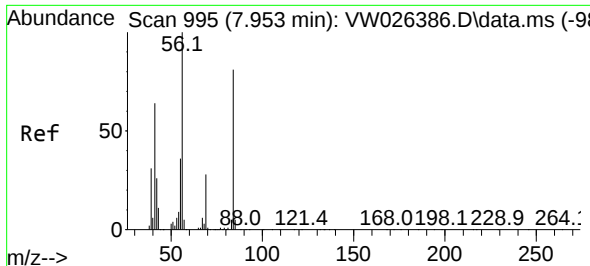
Tgt Ion: 83 Resp: 569154
Ion Ratio Lower Upper
83 100
85 67.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 24.689 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 62 Resp: 407574
Ion Ratio Lower Upper
62 100
98 8.7 7.5 11.3

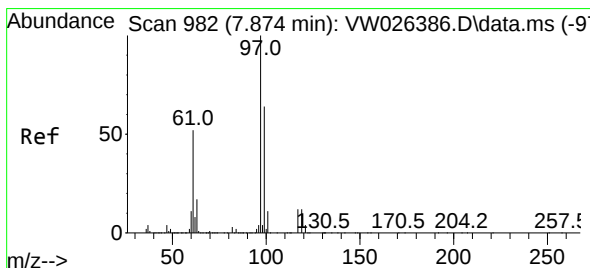
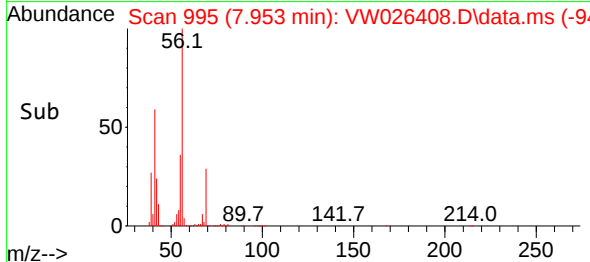
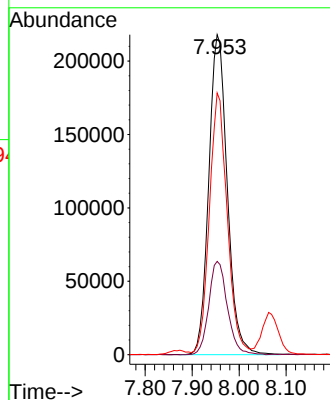
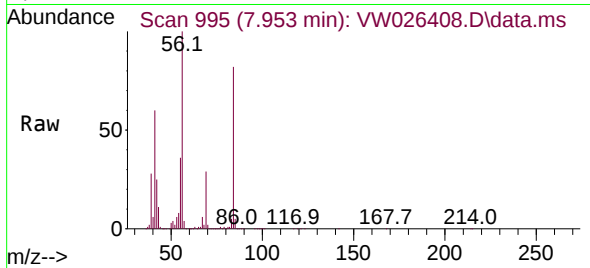




#29
Cyclohexane
Concen: 27.430 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

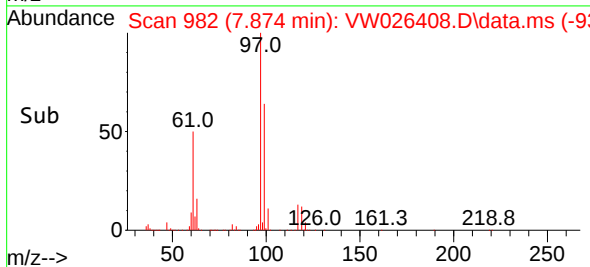
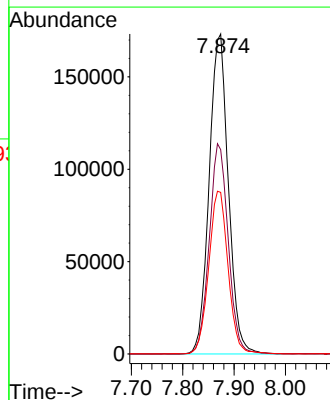
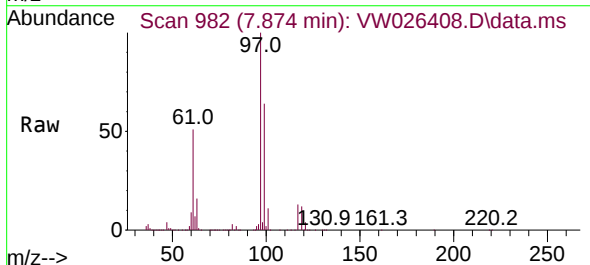
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

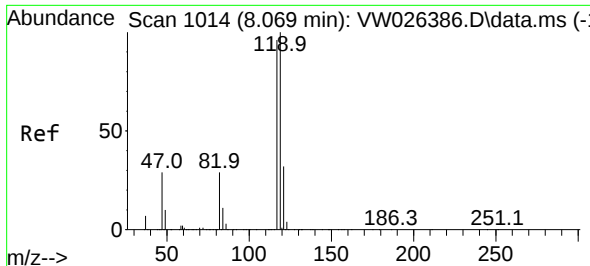
Tgt Ion: 56 Resp: 596056
Ion Ratio Lower Upper
56 100
69 29.2 23.0 34.4
84 78.7 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 24.660 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 97 Resp: 448925
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 51.2 41.4 62.2

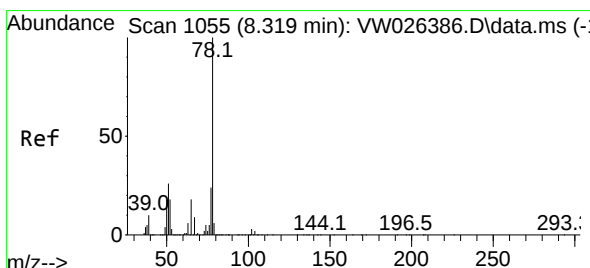
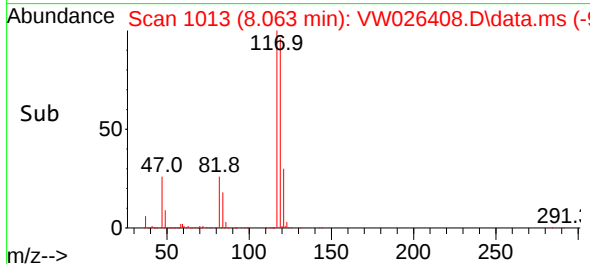
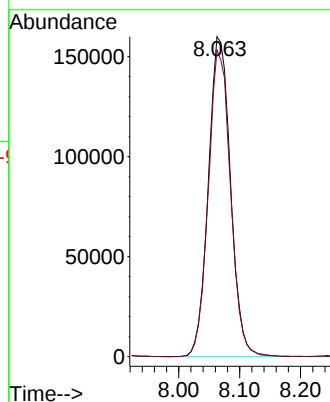
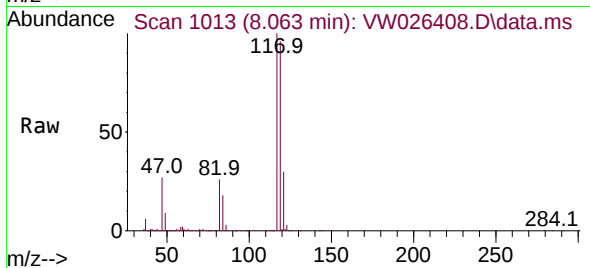




#31
Carbon tetrachloride
Concen: 24.664 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

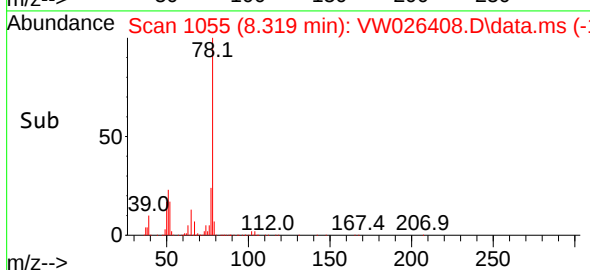
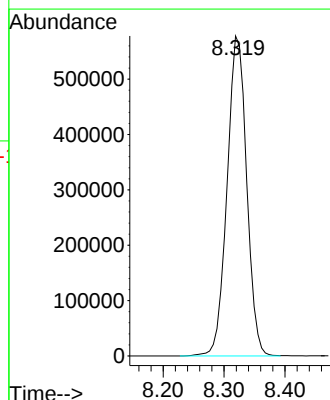
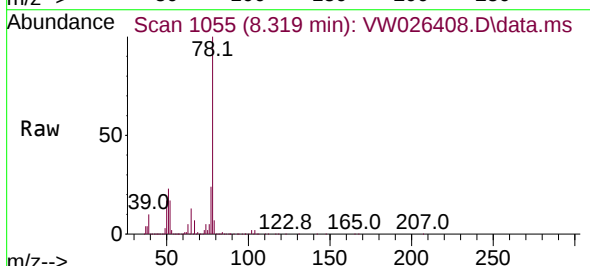
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

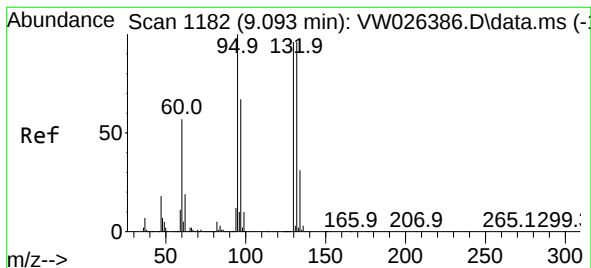
Tgt Ion:117 Resp: 403611
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5



#33
Benzene
Concen: 25.404 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 78 Resp: 1291284





#34

Trichloroethene

Concen: 25.049 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion: 95 Resp: 325995

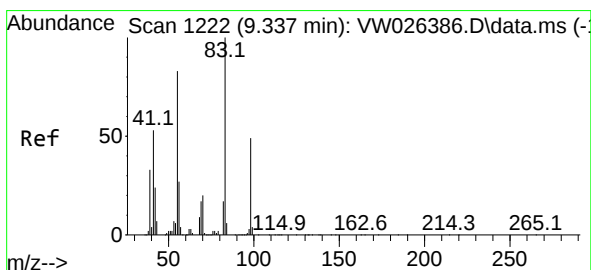
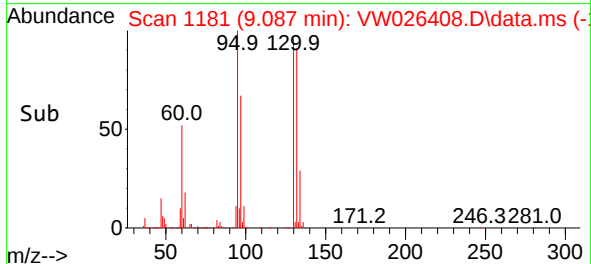
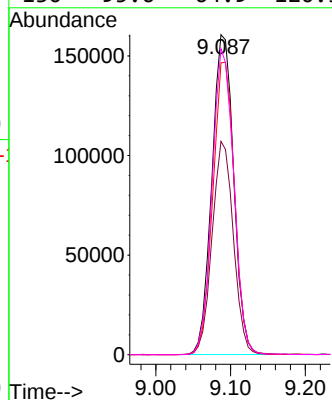
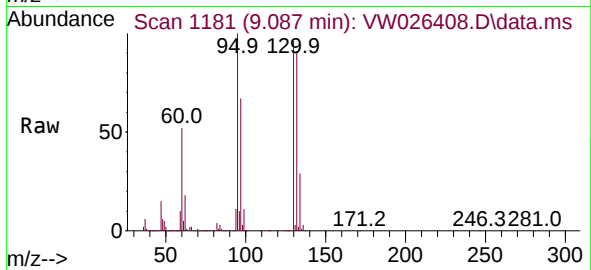
Ion Ratio Lower Upper

95 100

97 66.6 44.5 82.7

132 91.2 63.3 117.5

130 95.6 64.9 120.5



#35

Methylcyclohexane

Concen: 26.587 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

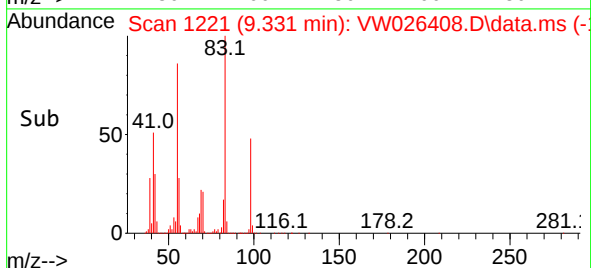
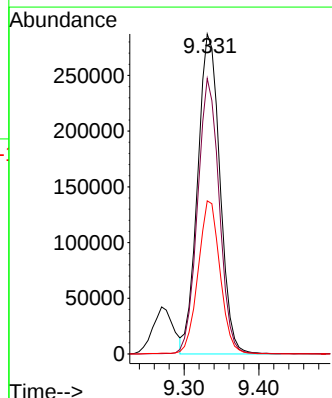
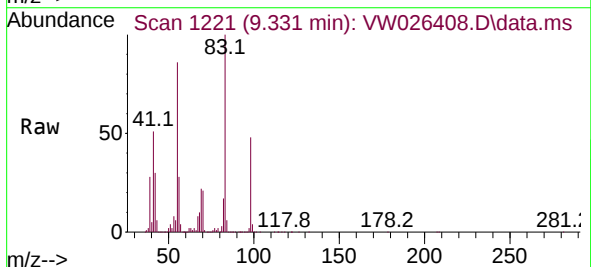
Tgt Ion: 83 Resp: 593377

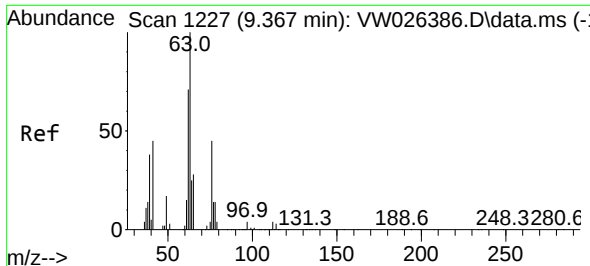
Ion Ratio Lower Upper

83 100

55 83.8 68.8 103.2

98 47.1 37.8 56.6





#37

1,2-Dichloropropane

Concen: 24.261 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

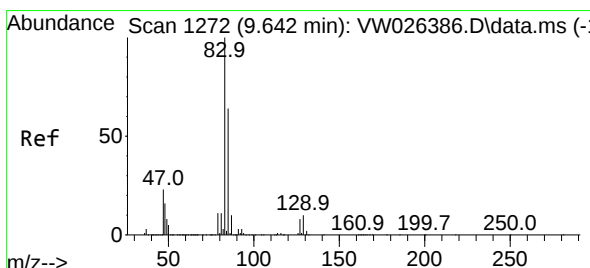
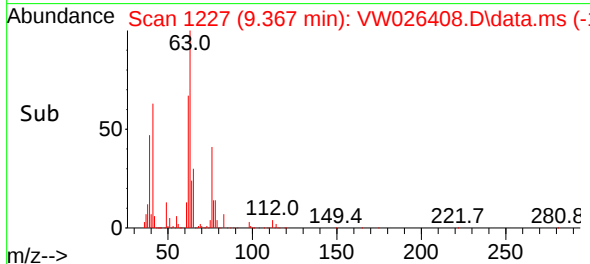
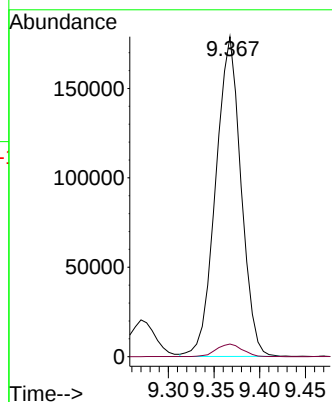
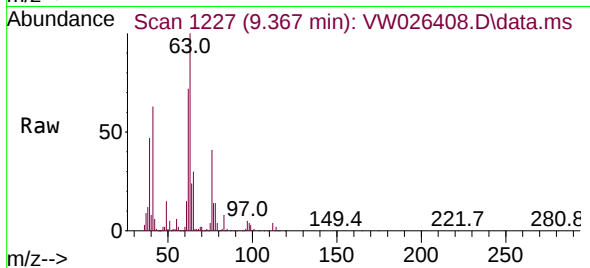
VSTD025540

Tgt Ion: 63 Resp: 344551

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 24.829 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

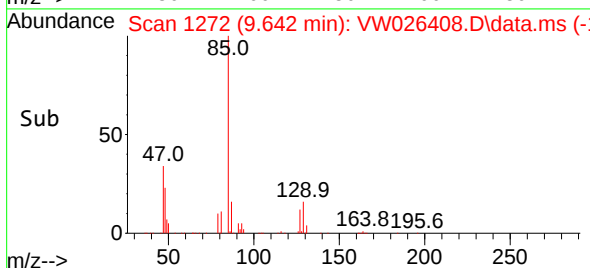
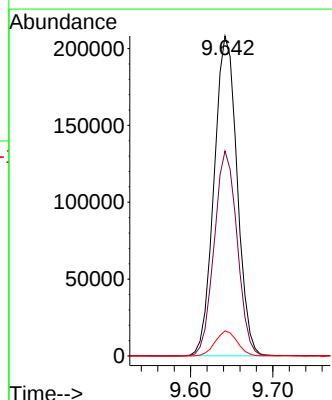
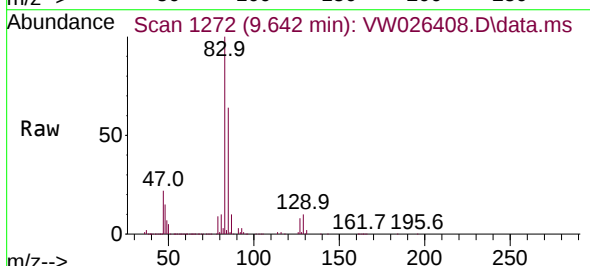
Tgt Ion: 83 Resp: 404931

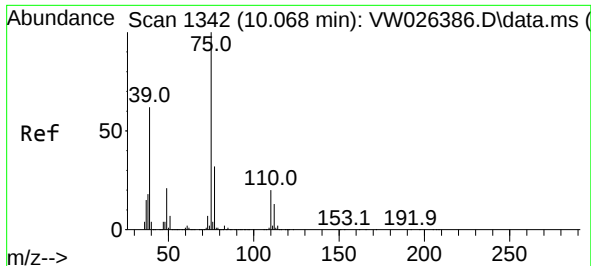
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 26.019 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

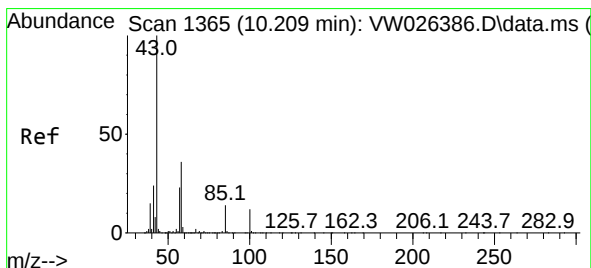
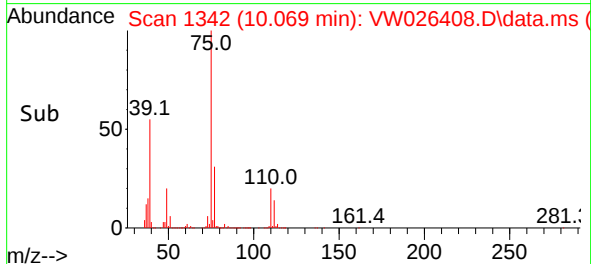
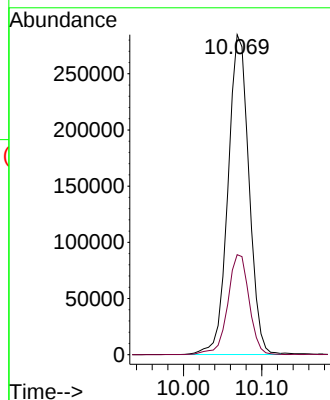
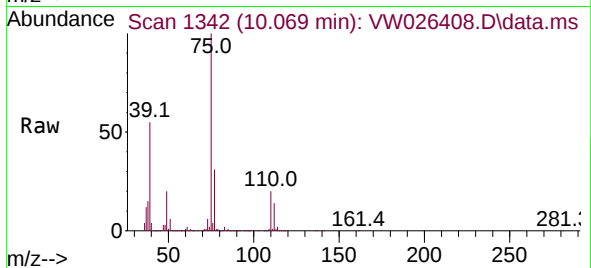
VSTD025540

Tgt Ion: 75 Resp: 529409

Ion Ratio Lower Upper

75 100

77 31.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 52.467 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

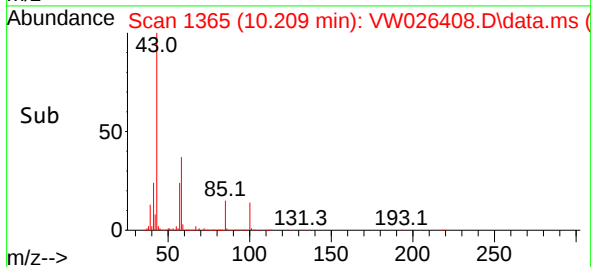
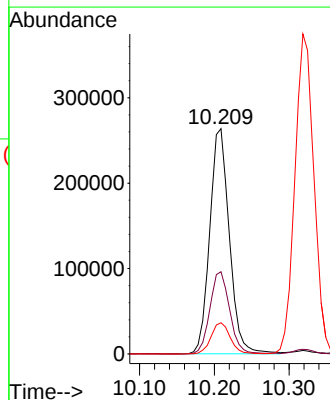
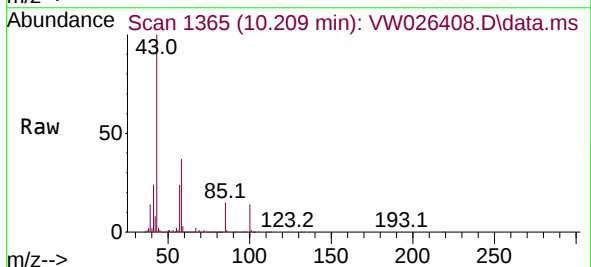
Tgt Ion: 43 Resp: 480947

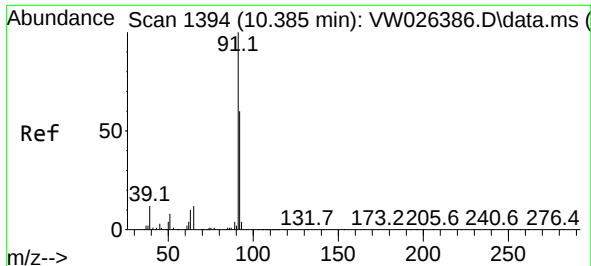
Ion Ratio Lower Upper

43 100

58 36.7 28.6 42.8

100 13.7 9.9 14.9

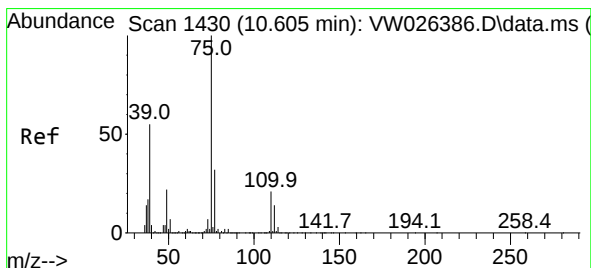
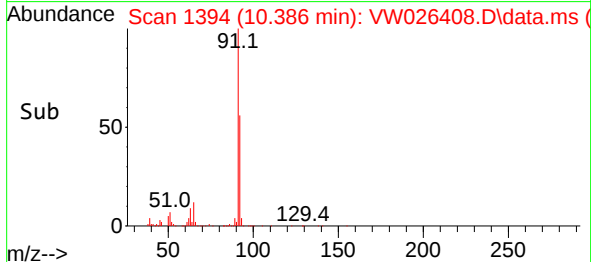
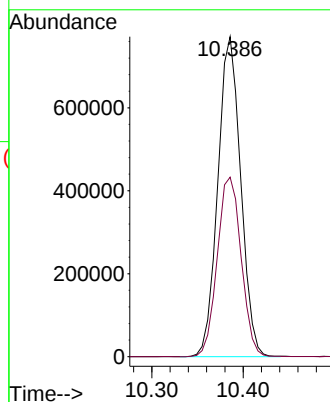
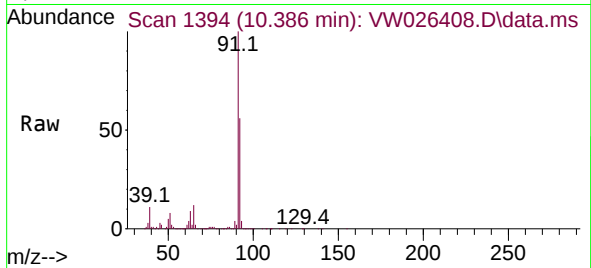




#42
Toluene
Concen: 26.305 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

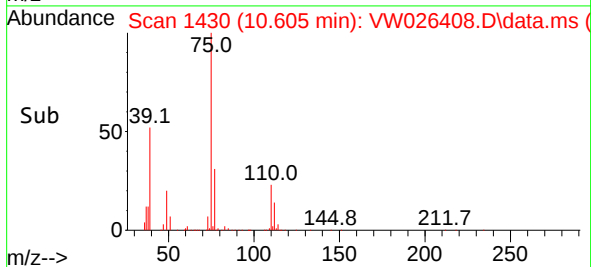
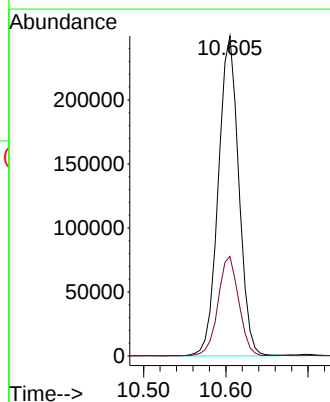
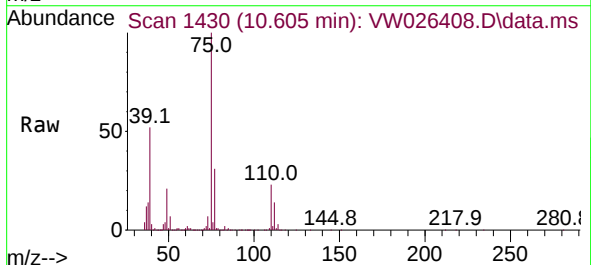
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

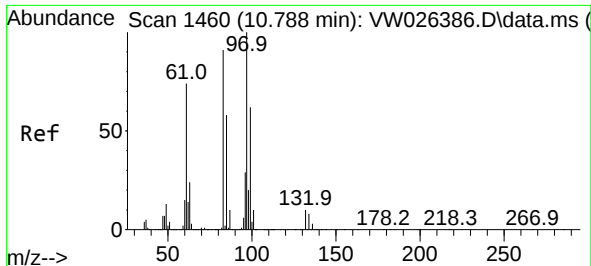
Tgt Ion: 91 Resp: 1341324
Ion Ratio Lower Upper
91 100
92 56.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 25.167 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 75 Resp: 432233
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2



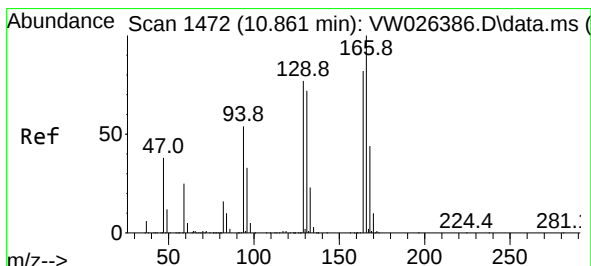
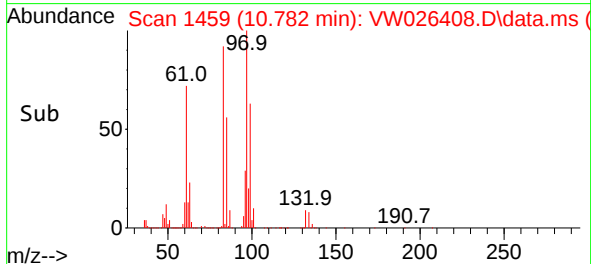
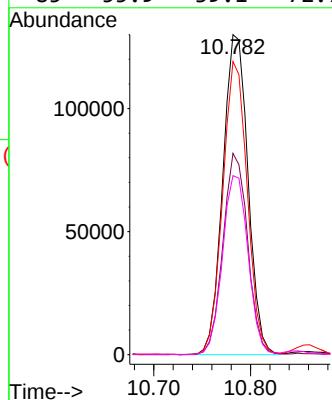
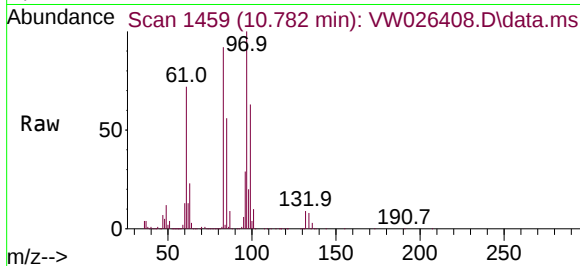


#45
1,1,2-Trichloroethane
Concen: 24.706 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Tgt Ion: 97 Resp: 234919

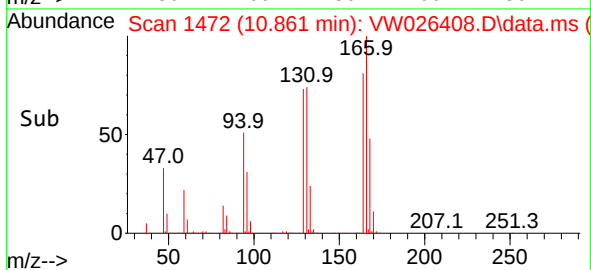
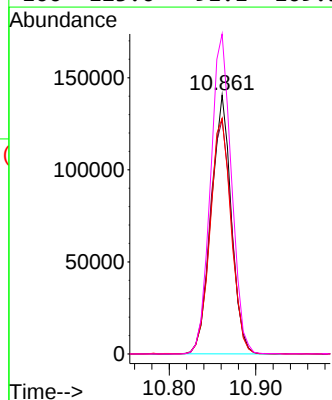
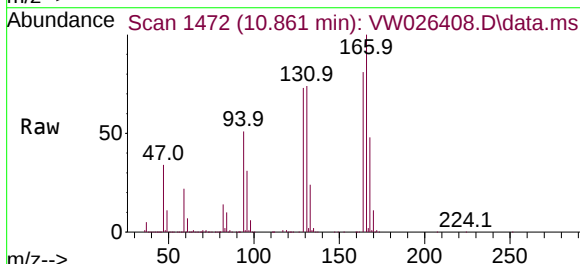
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.4	78.6
83	91.6	60.8	113.0
85	55.9	39.1	72.7

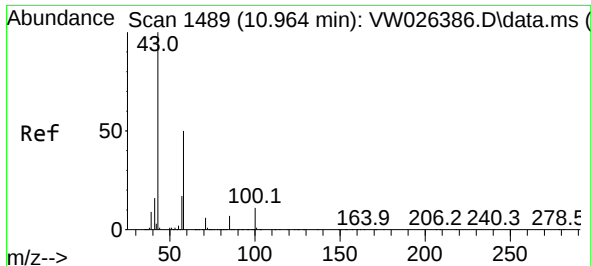


#46
Tetrachloroethene
Concen: 24.617 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 164 Resp: 225711

Ion	Ratio	Lower	Upper
164	100		
129	90.5	73.8	137.0
131	91.0	69.0	128.2
166	123.6	91.1	169.3



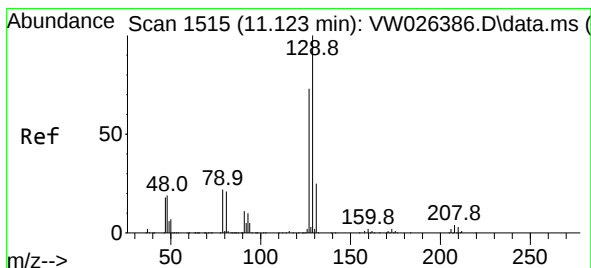
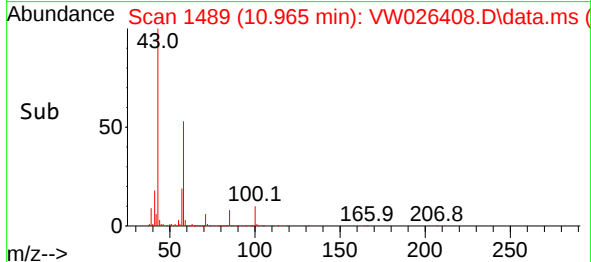
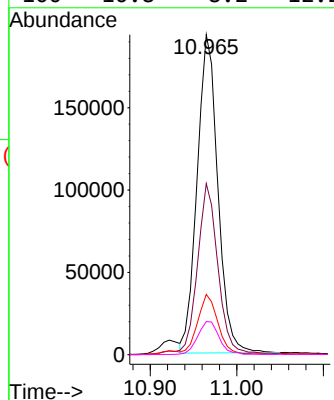
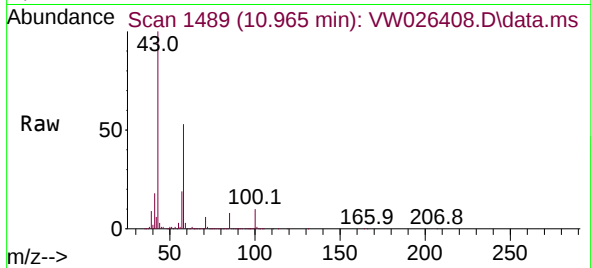


#48
2-Hexanone
Concen: 49.758 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Tgt Ion: 43 Resp: 321830

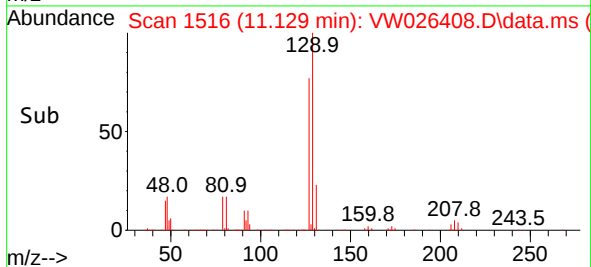
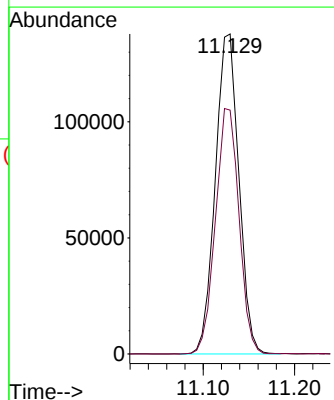
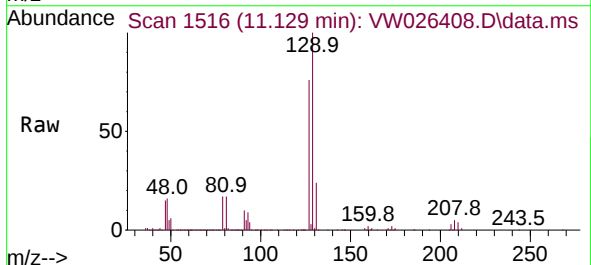
Ion	Ratio	Lower	Upper
43	100		
58	51.7	40.1	60.1
57	18.5	13.4	20.0
100	10.8	8.2	12.2

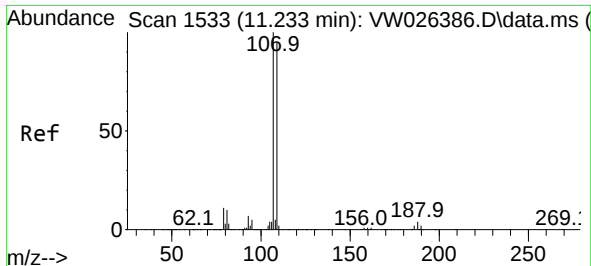


#49
Dibromochloromethane
Concen: 25.377 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 129 Resp: 247085

Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.4	101.0





#50

1,2-Dibromoethane

Concen: 25.227 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

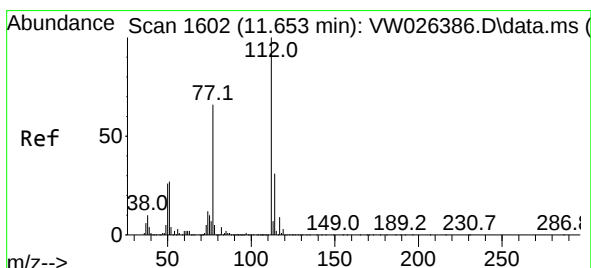
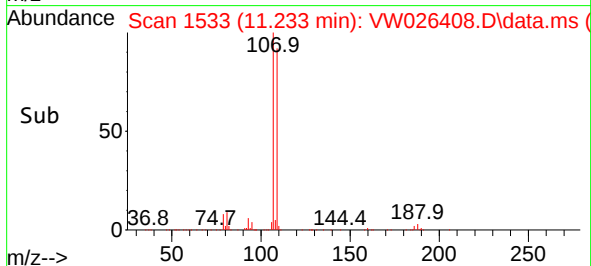
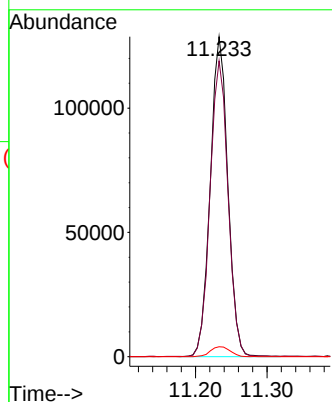
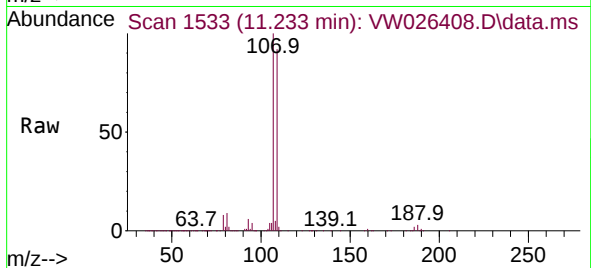
Tgt Ion:107 Resp: 220228

Ion Ratio Lower Upper

107 100

109 92.5 67.1 124.5

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 25.119 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

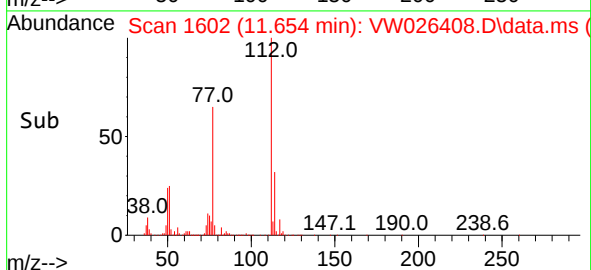
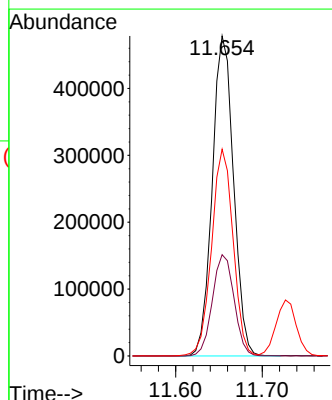
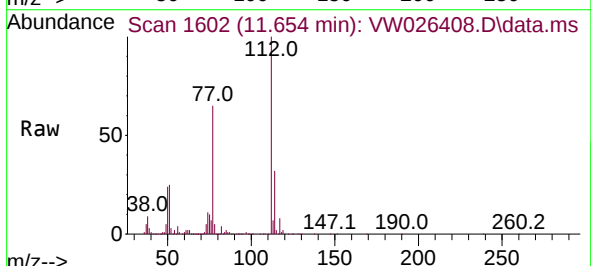
Tgt Ion:112 Resp: 817000

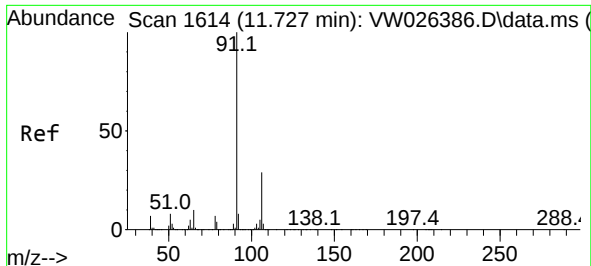
Ion Ratio Lower Upper

112 100

114 31.7 23.0 42.8

77 64.6 53.2 79.8

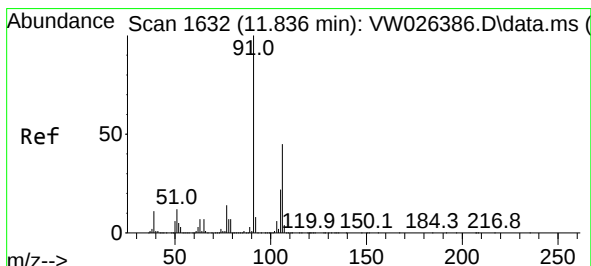
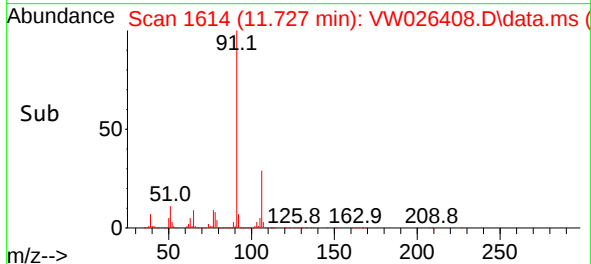
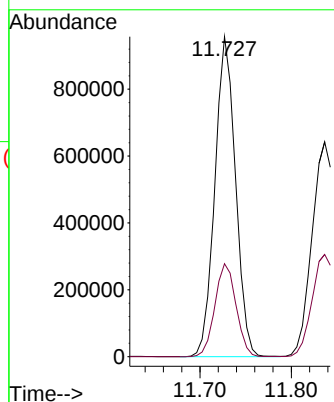
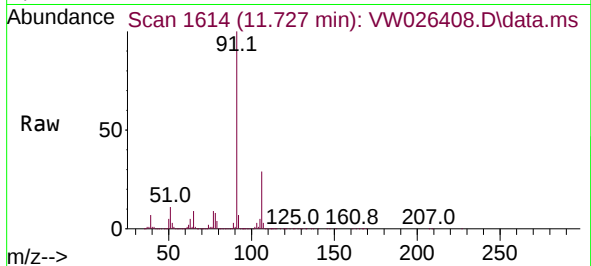




#52
Ethylbenzene
Concen: 26.141 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

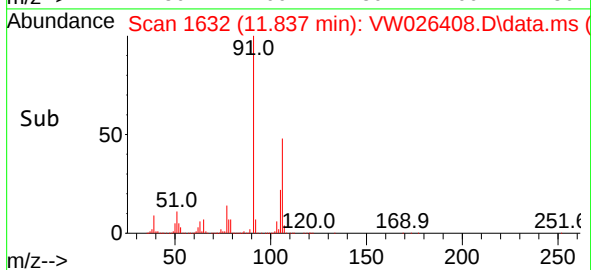
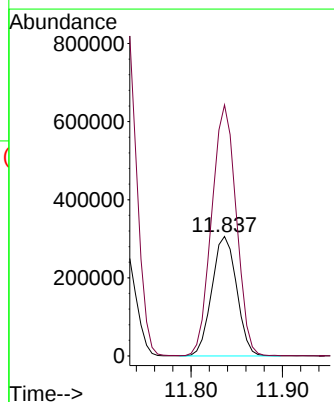
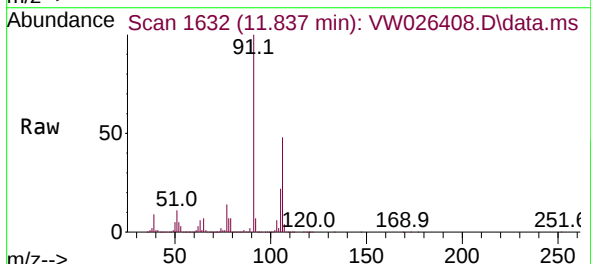
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

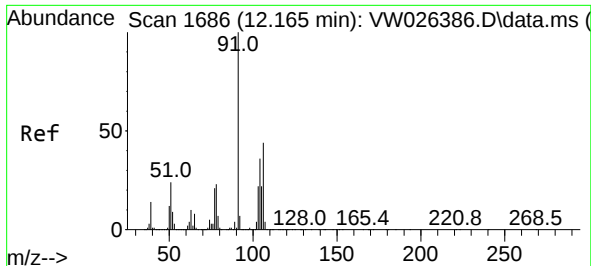
Tgt Ion: 91 Resp: 1501990
Ion Ratio Lower Upper
91 100
106 29.0 19.9 36.9



#53
m,p-Xylene
Concen: 27.542 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion: 106 Resp: 577136
Ion Ratio Lower Upper
106 100
91 210.1 152.1 282.5

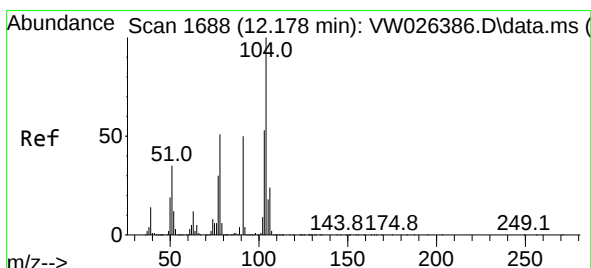
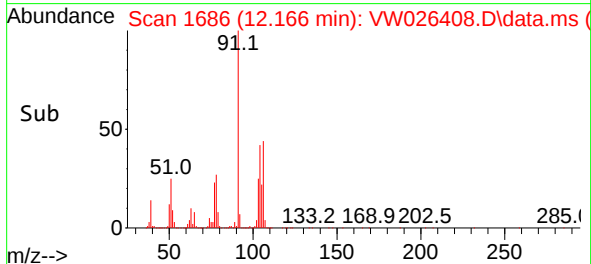
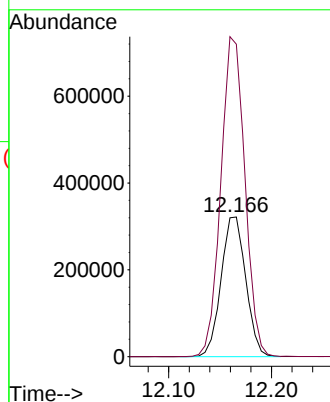
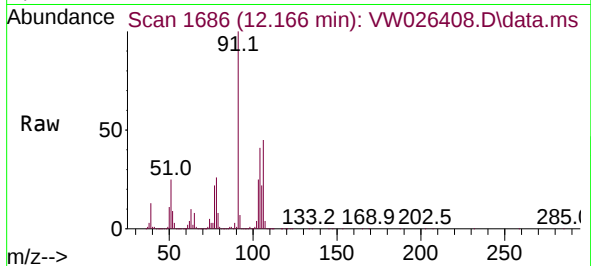




#54
o-Xylene
Concen: 27.163 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

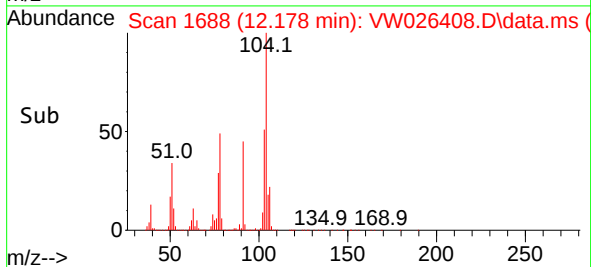
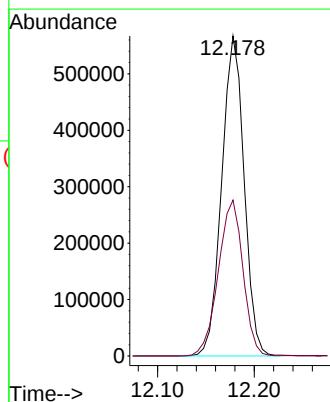
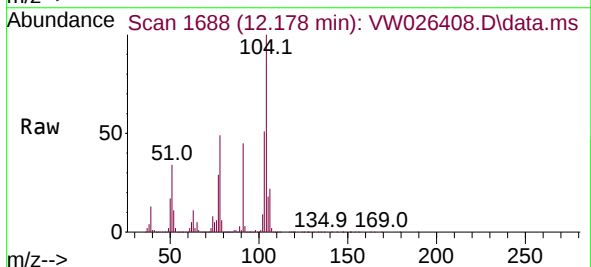
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

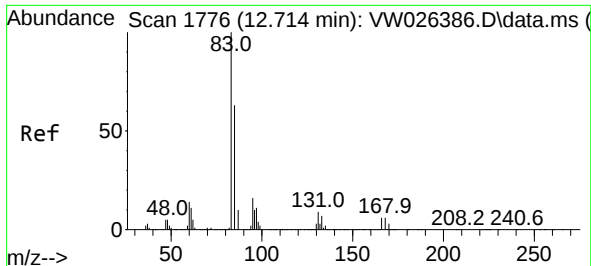
Tgt Ion:106 Resp: 535930
Ion Ratio Lower Upper
106 100
91 223.7 161.5 299.9



#55
Styrene
Concen: 26.482 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion:104 Resp: 911299
Ion Ratio Lower Upper
104 100
78 48.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.762 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

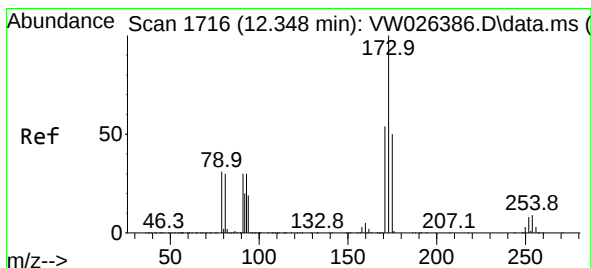
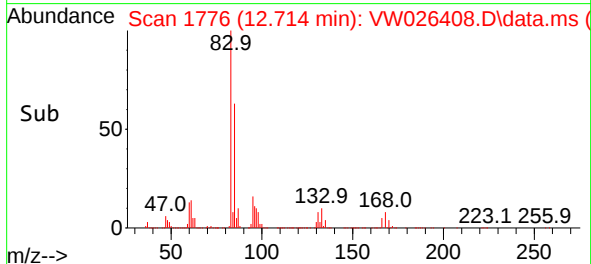
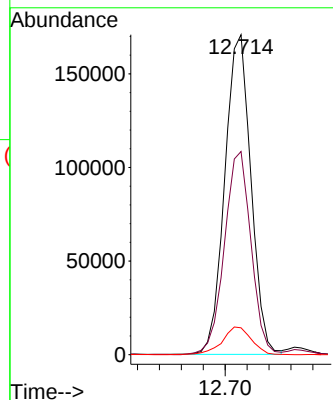
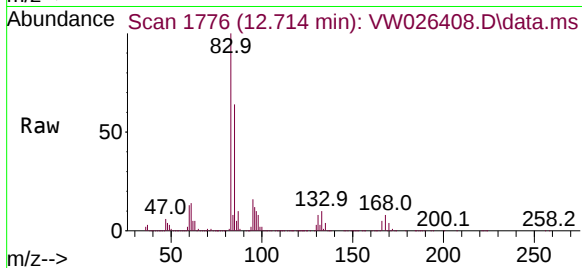
Tgt Ion: 83 Resp: 282423

Ion Ratio Lower Upper

83 100

85 63.5 43.7 81.1

131 8.4 7.4 11.0



#59

Bromoform

Concen: 24.239 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

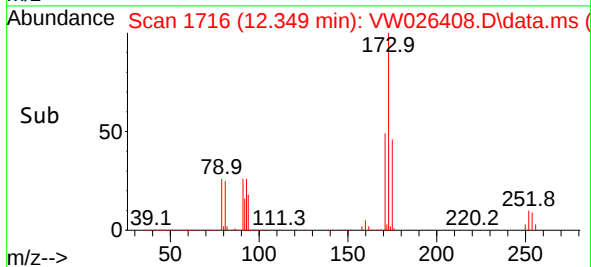
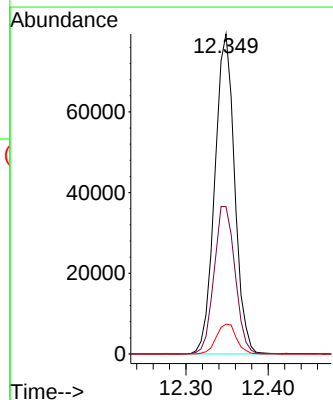
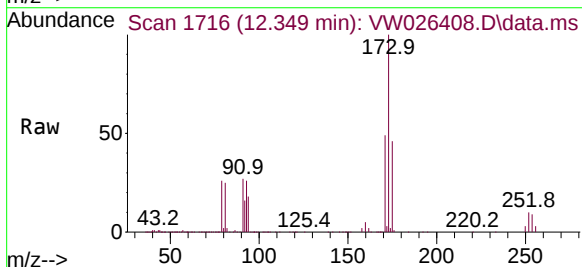
Tgt Ion:173 Resp: 132817

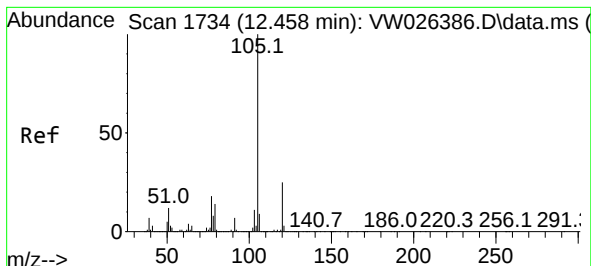
Ion Ratio Lower Upper

173 100

175 48.9 39.7 59.5

254 9.5 7.1 10.7





#60

Isopropylbenzene

Concen: 27.025 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

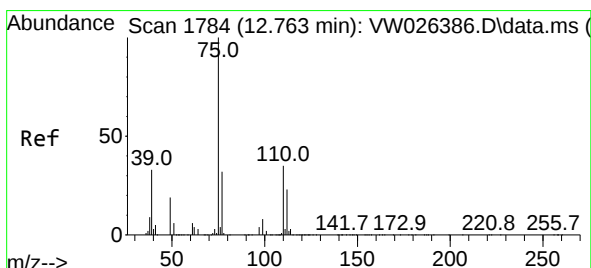
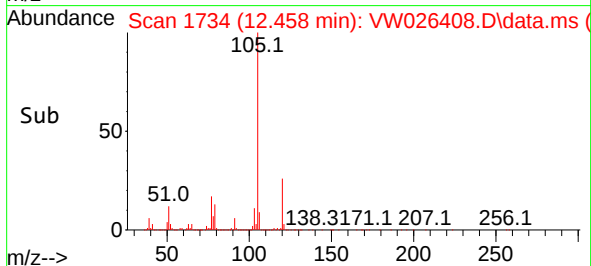
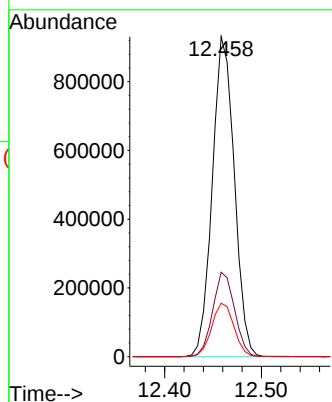
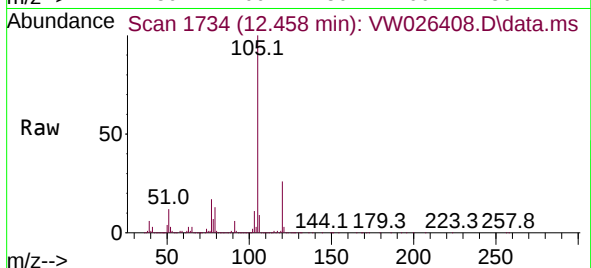
Tgt Ion:105 Resp: 1471184

Ion Ratio Lower Upper

105 100

120 26.2 20.4 30.6

77 16.9 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 24.015 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

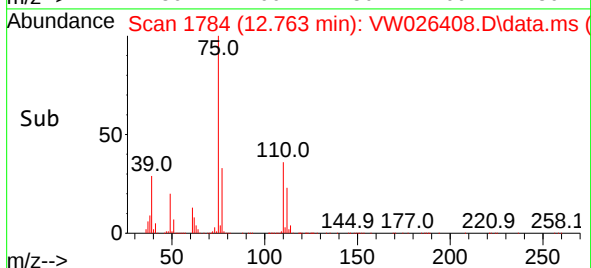
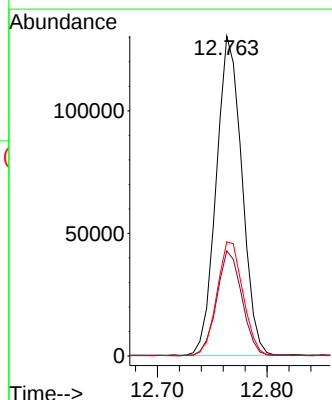
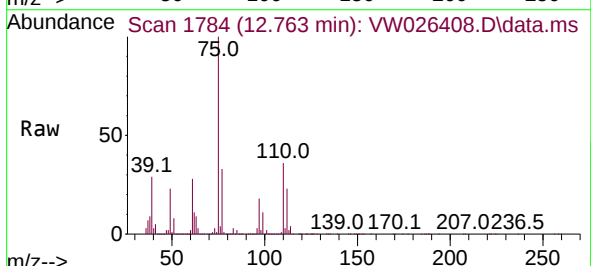
Tgt Ion: 75 Resp: 211442

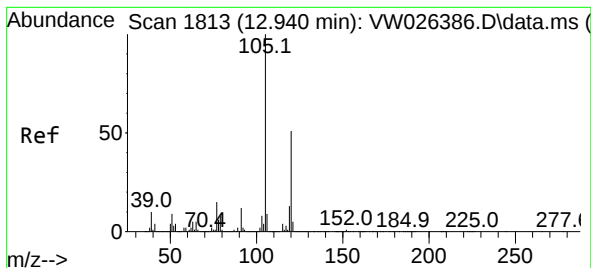
Ion Ratio Lower Upper

75 100

77 32.2 25.9 38.9

110 36.3 29.4 44.0

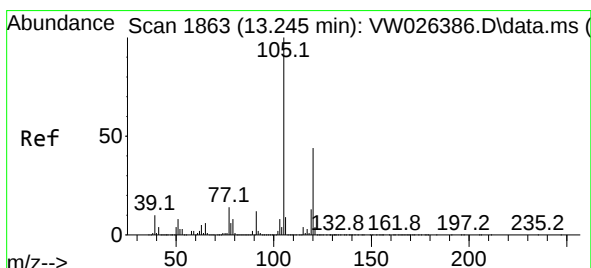
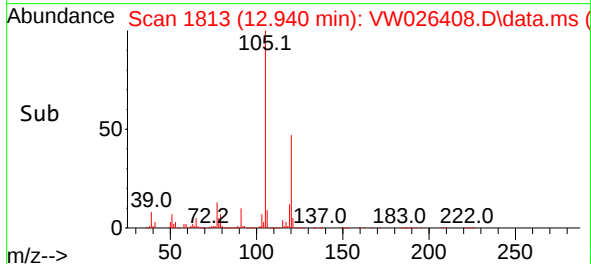
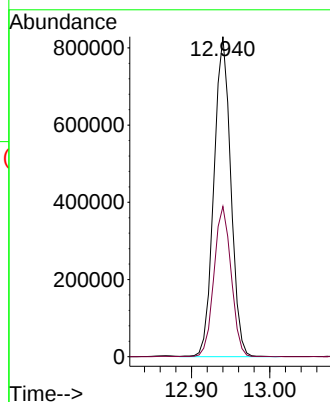
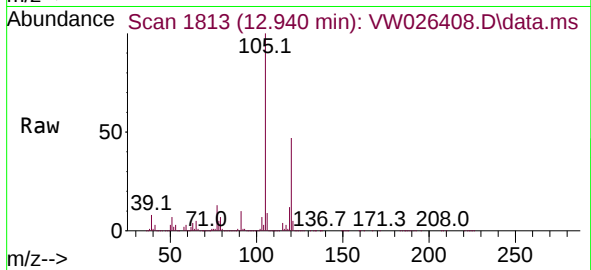




#62
 1,3,5-Trimethylbenzene
 Concen: 29.481 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

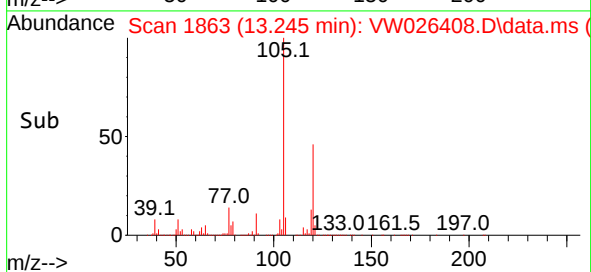
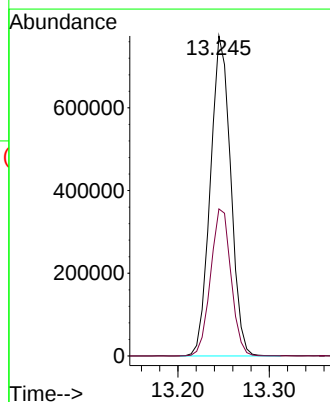
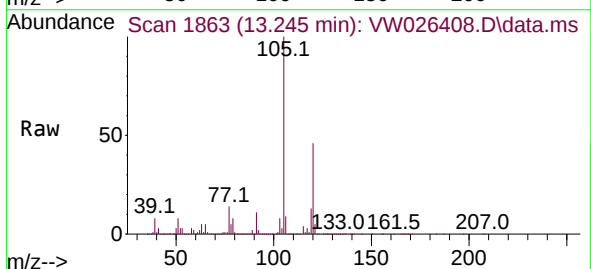
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

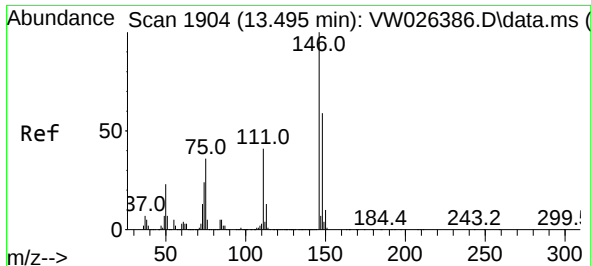
Tgt Ion:105 Resp: 1244087
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 29.310 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

Tgt Ion:105 Resp: 1192915
 Ion Ratio Lower Upper
 105 100
 120 46.0 35.0 52.6

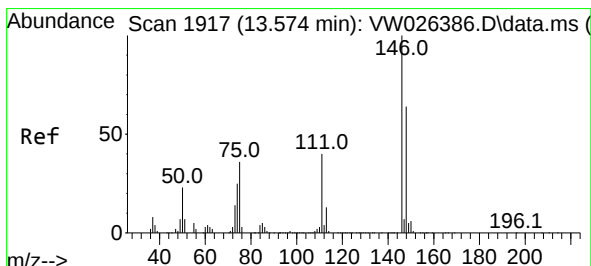
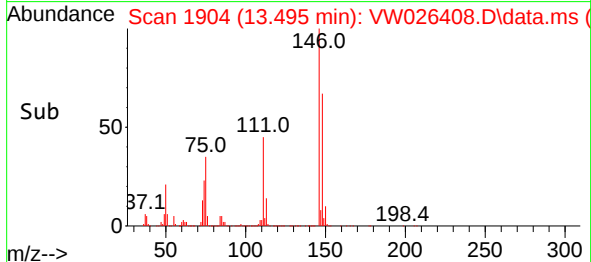
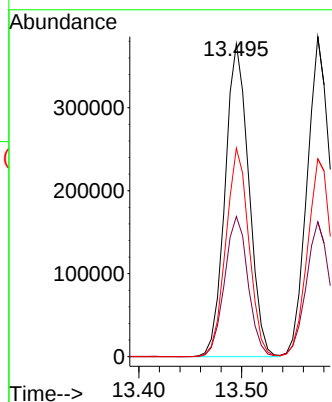
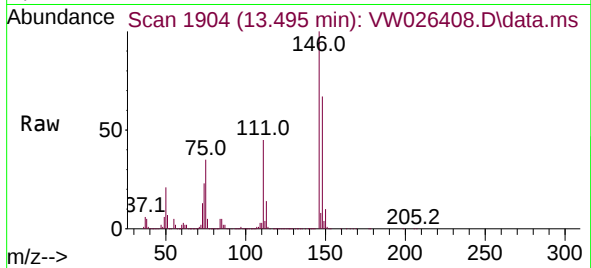




#64
1,3-Dichlorobenzene
Concen: 25.889 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

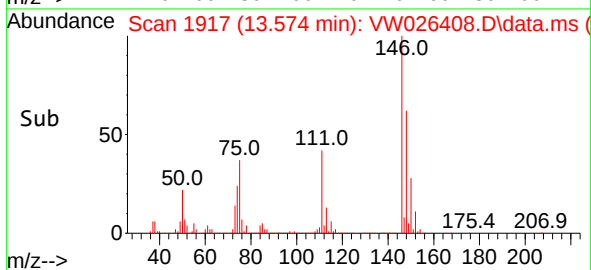
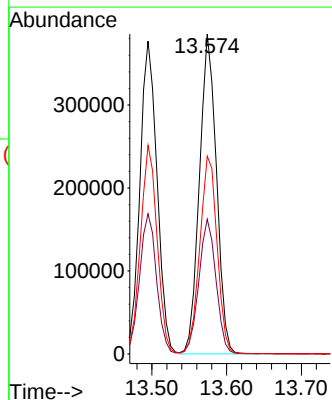
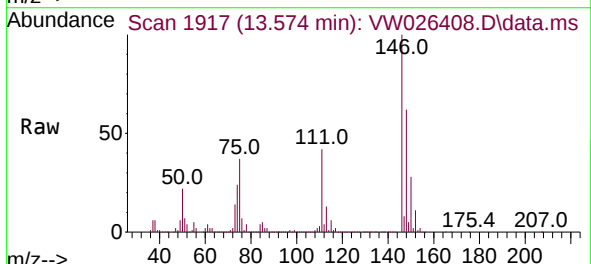
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

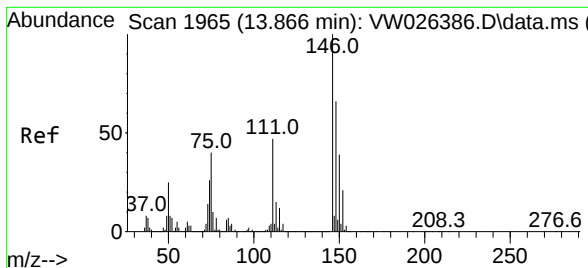
Tgt Ion:146 Resp: 603635
Ion Ratio Lower Upper
146 100
111 44.8 30.8 57.2
148 66.7 43.3 80.3



#65
1,4-Dichlorobenzene
Concen: 26.116 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026408.D
Acq: 28 Jun 2023 20:15

Tgt Ion:146 Resp: 609406
Ion Ratio Lower Upper
146 100
111 42.2 30.0 55.8
148 61.8 43.7 81.1

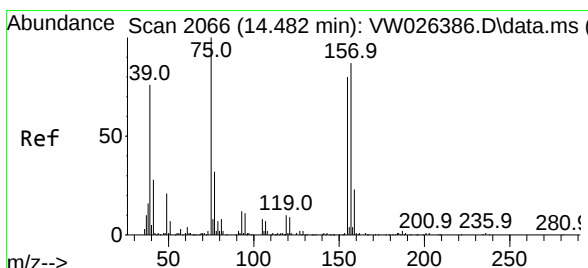
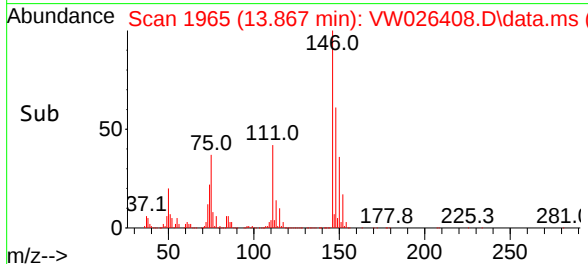
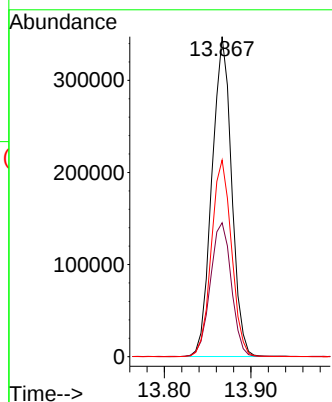
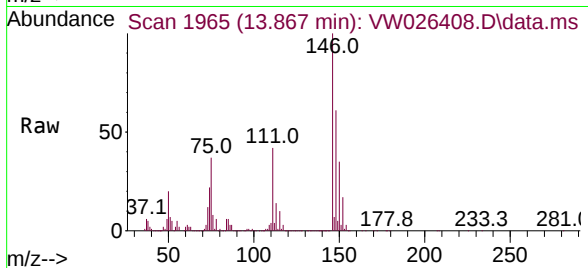




#67
 1,2-Dichlorobenzene
 Concen: 26.396 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

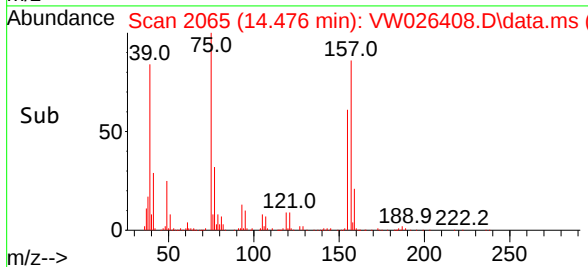
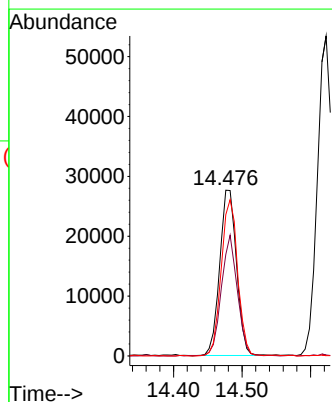
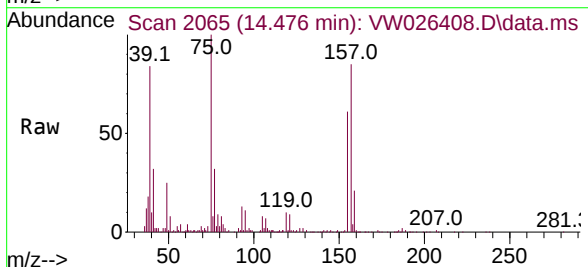
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

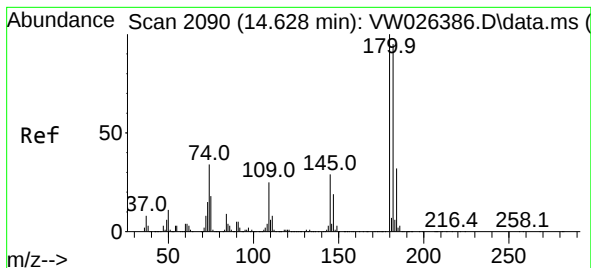
Tgt Ion:146 Resp: 548163
 Ion Ratio Lower Upper
 146 100
 111 41.9 36.0 54.0
 148 61.5 47.8 71.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.098 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VW026408.D
 Acq: 28 Jun 2023 20:15

Tgt Ion: 75 Resp: 46872
 Ion Ratio Lower Upper
 75 100
 155 61.2 57.5 86.3
 157 85.2 73.4 110.0





#69

1,3,5-Trichlorobenzene

Concen: 25.534 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion:180 Resp: 382564

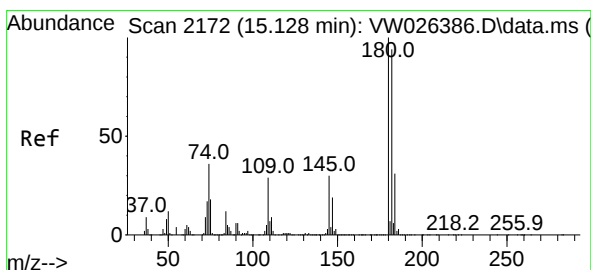
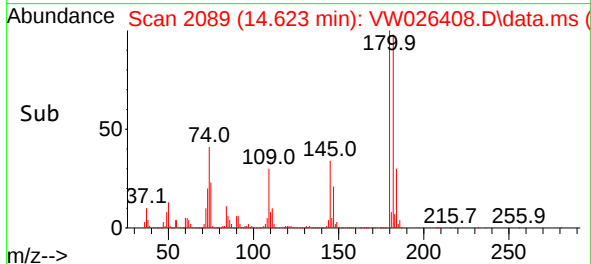
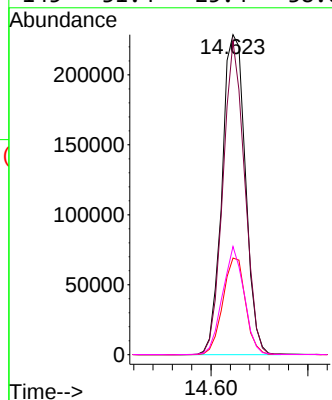
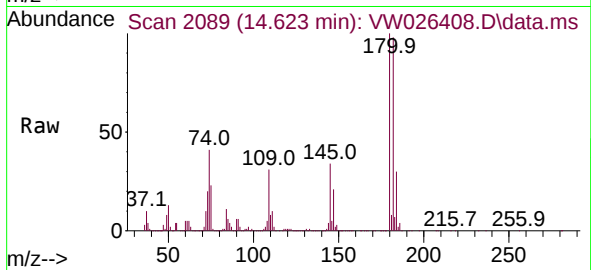
Ion Ratio Lower Upper

180 100

182 91.3 74.2 111.4

184 29.3 23.8 35.6

145 31.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 27.189 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

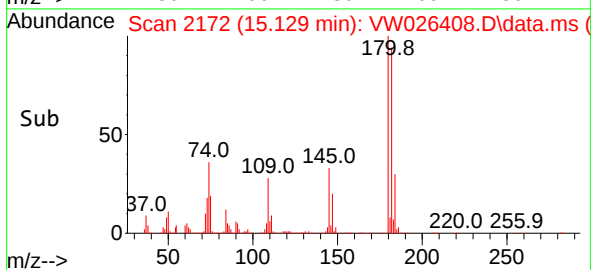
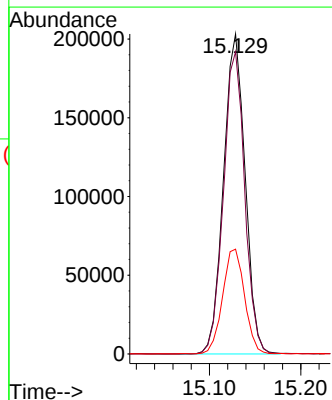
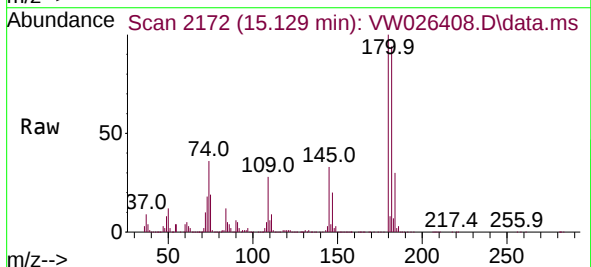
Tgt Ion:180 Resp: 333379

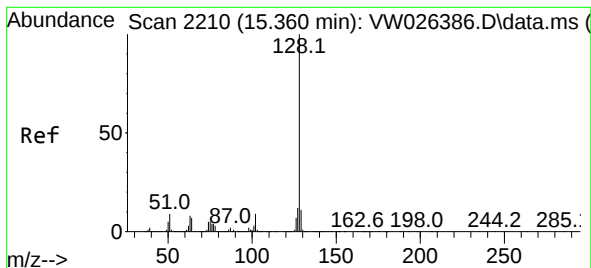
Ion Ratio Lower Upper

180 100

182 93.1 75.6 113.4

145 33.4 24.7 37.1





#71

Naphthalene

Concen: 29.970 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

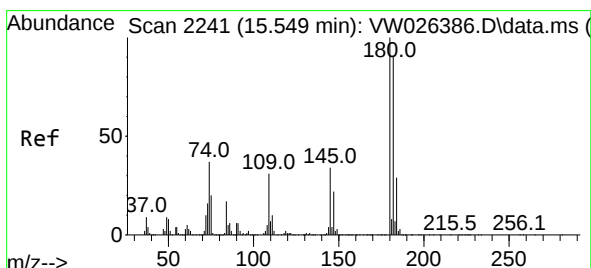
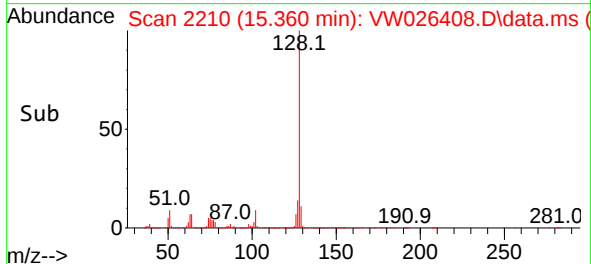
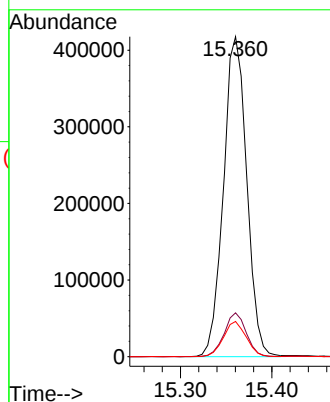
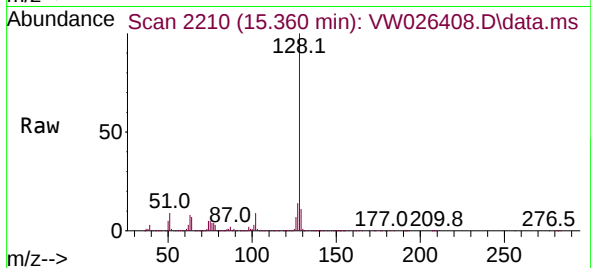
Tgt Ion:128 Resp: 738711

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.566 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026408.D

Acq: 28 Jun 2023 20:15

Tgt Ion:180 Resp: 292675

Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.6

145 34.1 28.5 42.7

