

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026434.D
 Acq On : 29 Jun 2023 13:31
 Operator : SY/MD
 Sample : VSTD05074
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050474

Quant Time: Jun 30 00:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	875050	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	779356	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	368535	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	526545	52.867	ug/L	0.00
7) Chloroethane-d5	2.893	69	399938	49.331	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	252266	49.993	ug/L	0.00
21) 2-Butanone-d5	7.075	46	356248	94.923	ug/L	0.00
24) Chloroform-d	7.648	84	1023958	48.008	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	544278	46.686	ug/L	0.00
32) Benzene-d6	8.276	84	2116272	46.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	685008	47.418	ug/L	0.00
41) Toluene-d8	10.324	98	1888626	47.171	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	273937	47.044	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	239766	99.244	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	517545	46.398	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	591044	46.058	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	417036	49.704	ug/L	# 85
3) Chloromethane	2.228	50	670424	55.699	ug/L	98
5) Vinyl chloride	2.375	62	646248	52.095	ug/L	100
6) Bromomethane	2.789	94	353960	50.130	ug/L	98
8) Chloroethane	2.936	64	376672	50.071	ug/L	100
9) Trichlorofluoromethane	3.265	101	474544	52.608	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	521794	52.866	ug/L	98
12) 1,1-Dichloroethene	4.045	96	510861	52.315	ug/L	96
13) Acetone	4.118	43	229657	86.340	ug/L	98
14) Carbon disulfide	4.393	76	1702846	53.695	ug/L	100
15) Methyl Acetate	4.667	43	305324	52.865	ug/L	98
16) Methylene chloride	4.923	84	574614	39.067	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	549676	52.146	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	914615	53.093	ug/L	99
19) 1,1-Dichloroethane	6.215	63	1105947	52.141	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	602150	50.433	ug/L	98
22) 2-Butanone	7.167	43	394093	90.368	ug/L	100
23) Bromochloromethane	7.514	128	246372	49.614	ug/L	96
25) Chloroform	7.679	83	999721	48.561	ug/L	100
27) 1,2-Dichloroethane	8.398	62	675888	48.016	ug/L	100
29) Cyclohexane	7.959	56	1106026	50.061	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	799076	48.131	ug/L	99
31) Carbon tetrachloride	8.069	117	727722	48.686	ug/L	98
33) Benzene	8.325	78	2309352	47.318	ug/L	100
34) Trichloroethene	9.093	95	594588	47.825	ug/L	95
35) Methylcyclohexane	9.337	83	1094162	49.401	ug/L	98
37) 1,2-Dichloropropane	9.367	63	621715	47.985	ug/L	100
38) Bromodichloromethane	9.642	83	715194	49.181	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	974577	50.257	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	867781	97.549	ug/L	99
42) Toluene	10.385	91	2382787	47.720	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	803398	50.692	ug/L	97

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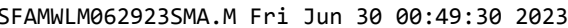
Instrument :
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 ClientSampleId :
 VSTD050474

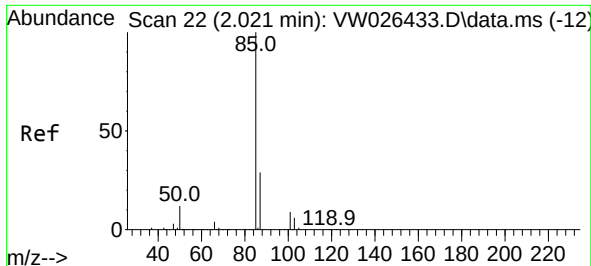
Quant Time: Jun 30 00:49:20 2023
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	413569	46.860	ug/L	96
46) Tetrachloroethene	10.861	164	421901	47.999	ug/L	93
48) 2-Hexanone	10.965	43	602595	100.920	ug/L	100
49) Dibromochloromethane	11.129	129	439291	49.973	ug/L	99
50) 1,2-Dibromoethane	11.233	107	394930	48.663	ug/L	91
51) Chlorobenzene	11.653	112	1462610	47.342	ug/L	97
52) Ethylbenzene	11.727	91	2725210	48.502	ug/L	97
53) m,p-Xylene	11.836	106	1018225	48.872	ug/L	100
54) o-Xylene	12.166	106	962733	49.822	ug/L	92
55) Styrene	12.178	104	1651818	50.080	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	515247	47.810	ug/L	99
59) Bromoform	12.349	173	243703	49.941	ug/L	97
60) Isopropylbenzene	12.458	105	2665935	49.596	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	381204	47.325	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2165764	50.668	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2192049	52.494	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1082959	48.018	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	1080870	48.188	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	965816	47.323	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	85324	46.433	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	734027	47.810	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	624813	47.021	ug/L	99
71) Naphthalene	15.360	128	1351694	49.905	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	532767	46.623	ug/L	99

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

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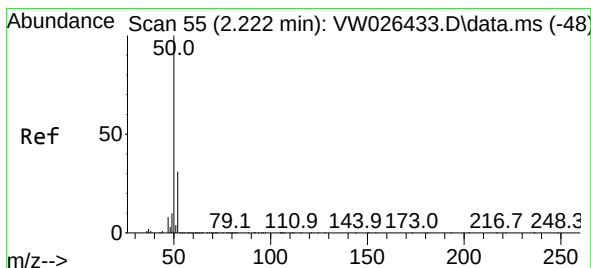
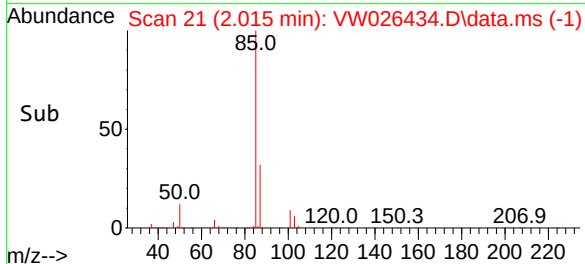
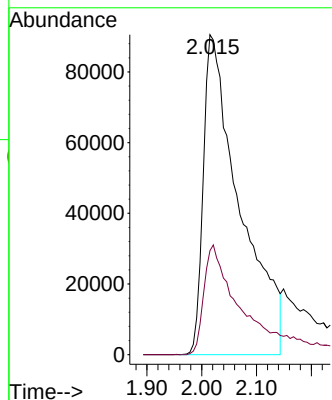
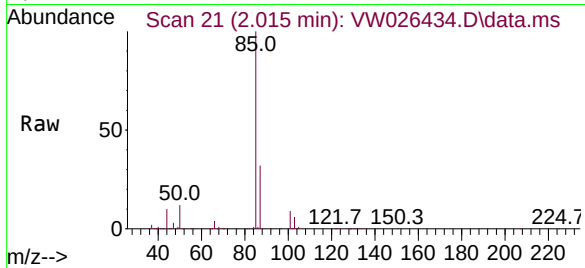




#2
 Dichlorodifluoromethane
 Concen: 49.704 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026434.D
 Acq: 29 Jun 2023 13:31

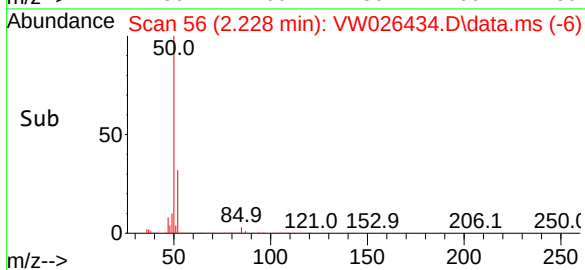
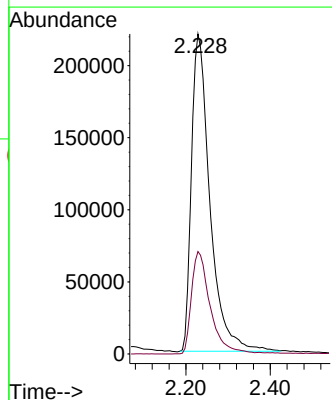
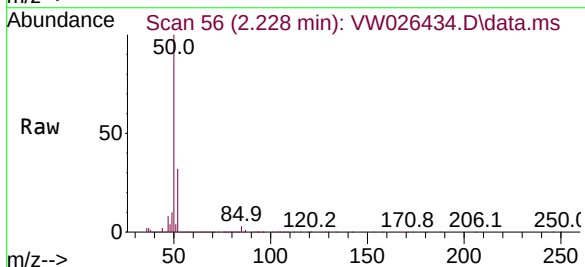
Instrument :
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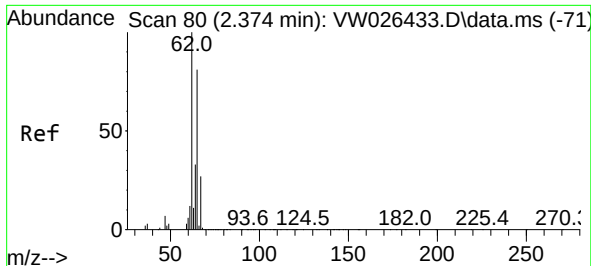
Tgt Ion: 85 Resp: 417036
 Ion Ratio Lower Upper
 85 100
 87 30.9 19.0 28.4#



#3
 Chloromethane
 Concen: 55.699 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026434.D
 Acq: 29 Jun 2023 13:31

Tgt Ion: 50 Resp: 670424
 Ion Ratio Lower Upper
 50 100
 52 32.0 21.7 40.3

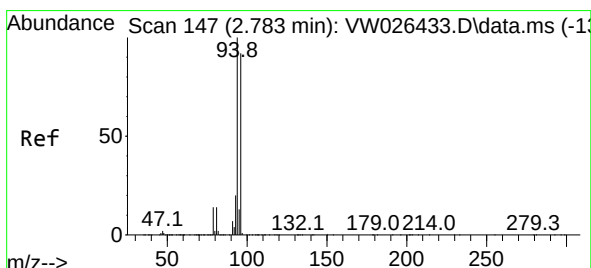
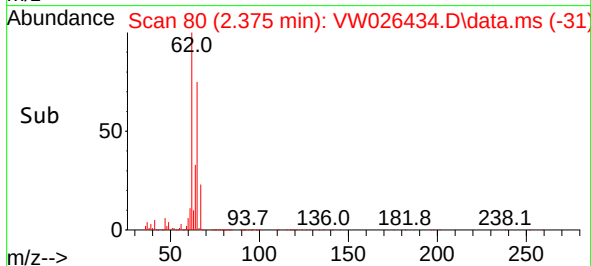
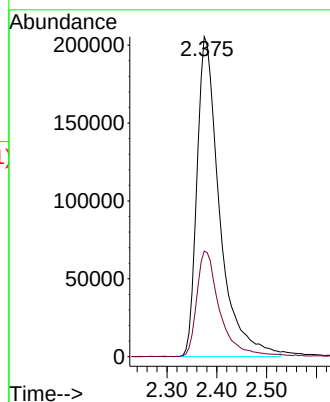
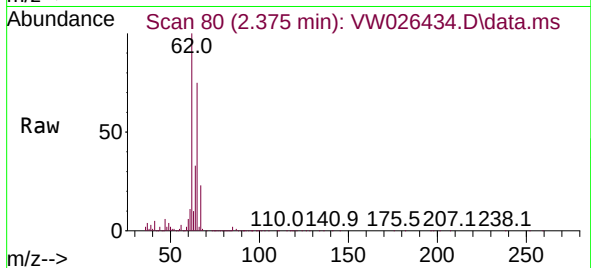




#5
 Vinyl chloride
 Concen: 52.095 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026434.D
 Acq: 29 Jun 2023 13:31

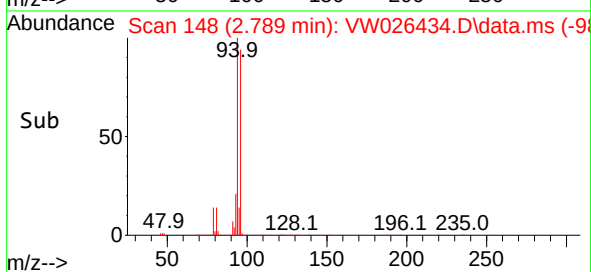
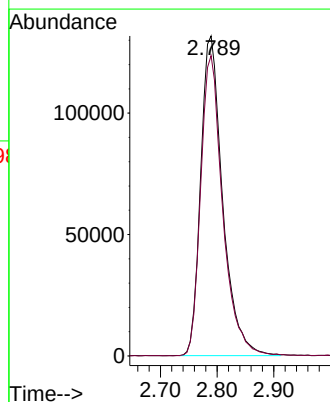
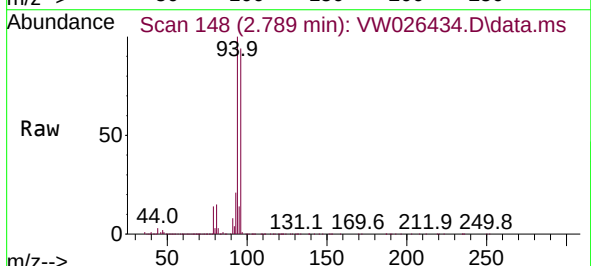
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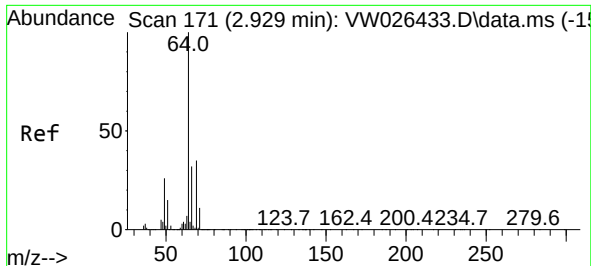
Tgt Ion: 62 Resp: 646248
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.8



#6
 Bromomethane
 Concen: 50.130 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026434.D
 Acq: 29 Jun 2023 13:31

Tgt Ion: 94 Resp: 353960
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.3 119.3

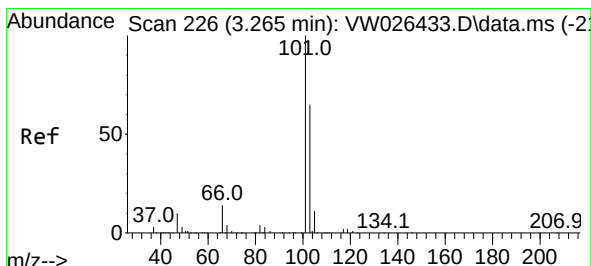
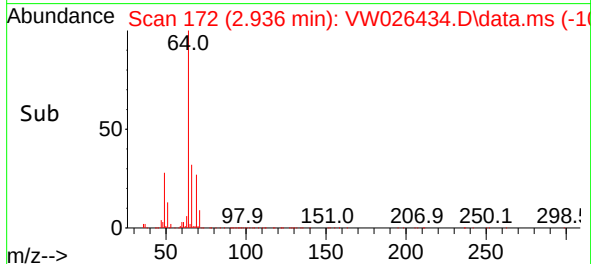
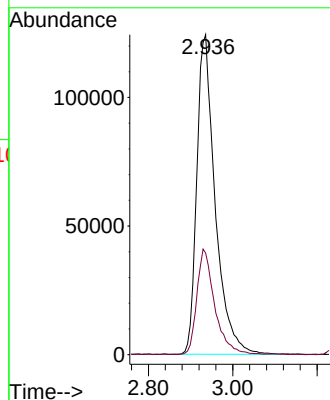
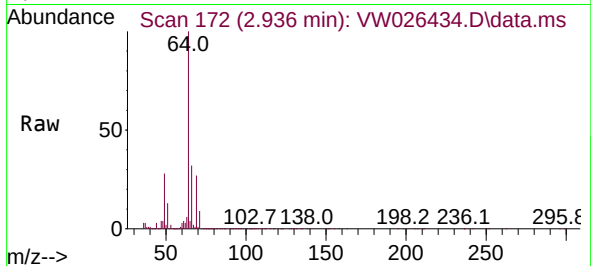




#8
Chloroethane
Concen: 50.071 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

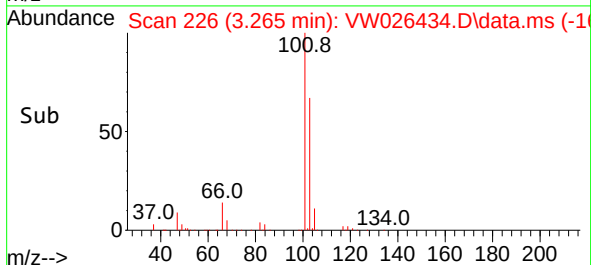
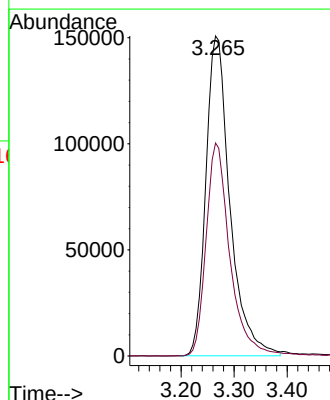
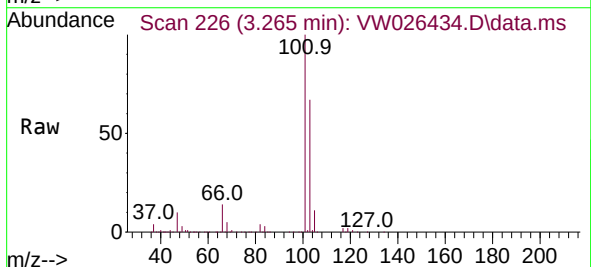
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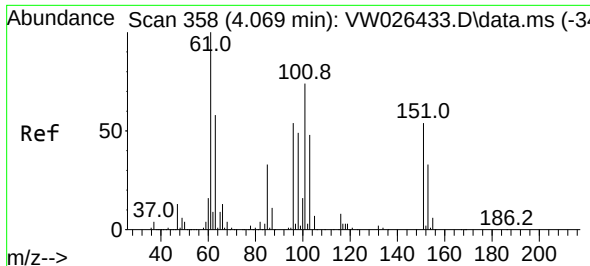
Tgt Ion: 64 Resp: 376672
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 52.608 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion:101 Resp: 474544
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0

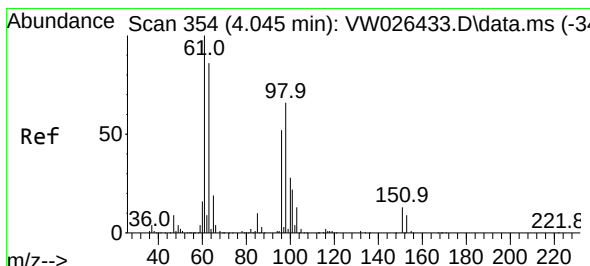
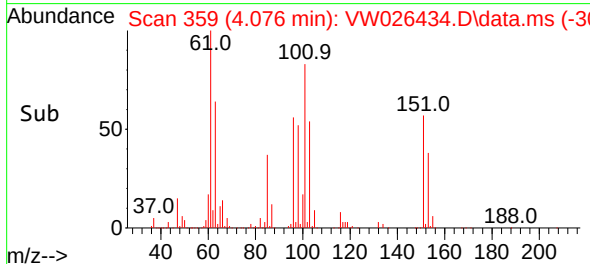
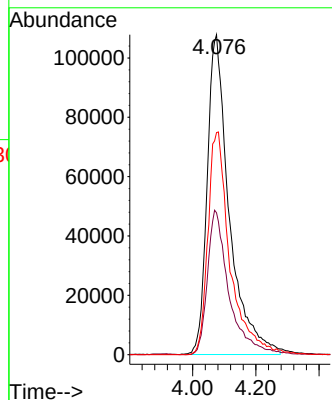
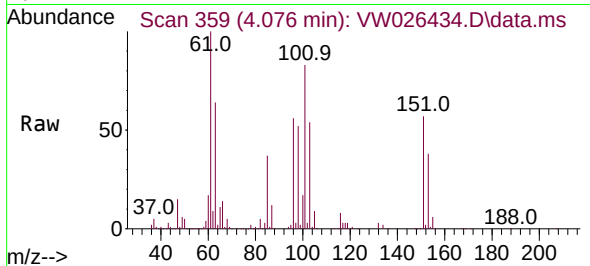




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.866 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.006 min
 Lab File: VW026434.D
 Acq: 29 Jun 2023 13:31

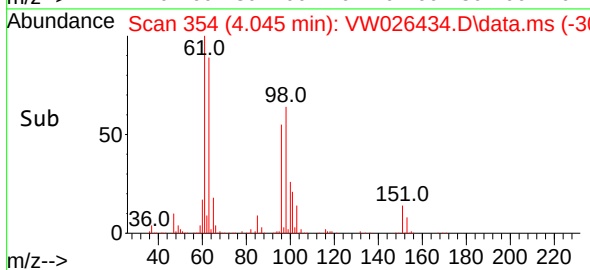
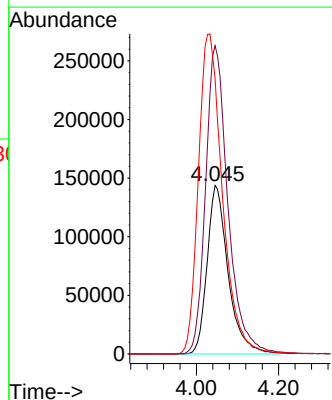
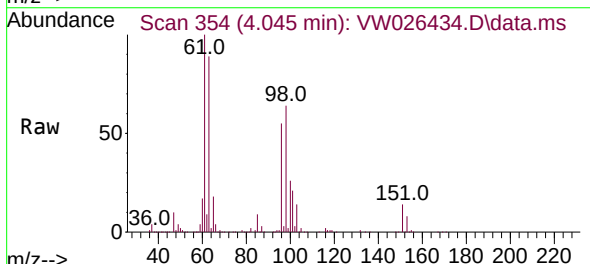
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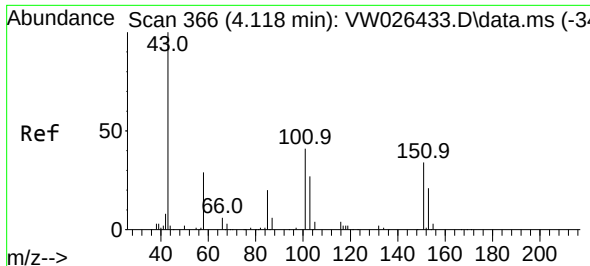
Tgt Ion:101 Resp: 521794
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.1 51.1
 151 68.5 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 52.315 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026434.D
 Acq: 29 Jun 2023 13:31

Tgt Ion: 96 Resp: 510861
 Ion Ratio Lower Upper
 96 100
 61 183.0 134.0 248.8
 63 163.3 117.1 217.5

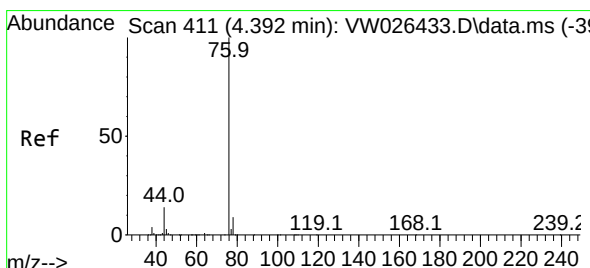
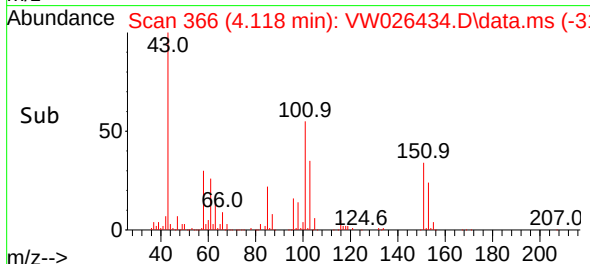
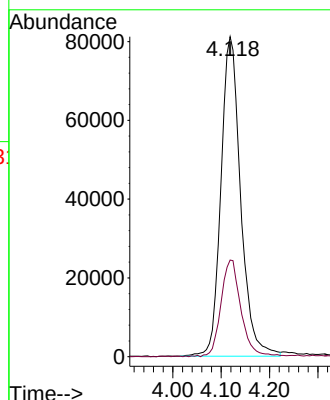
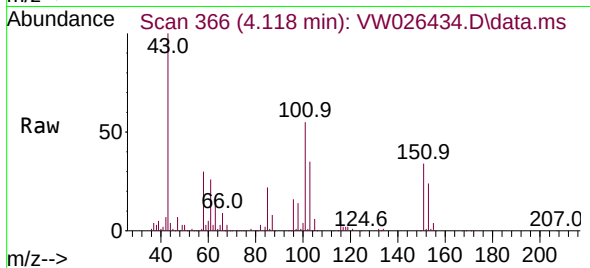




#13
Acetone
Concen: 86.340 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

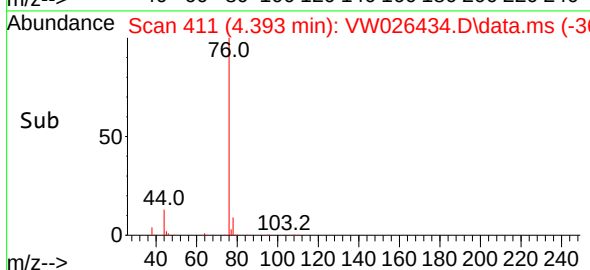
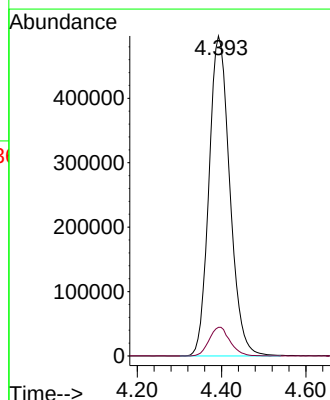
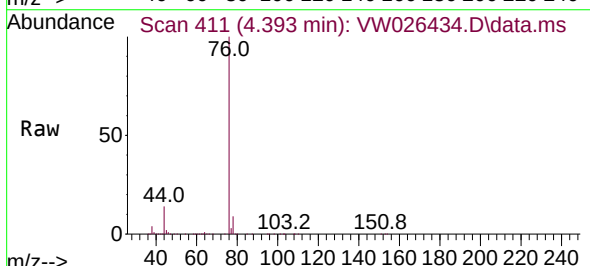
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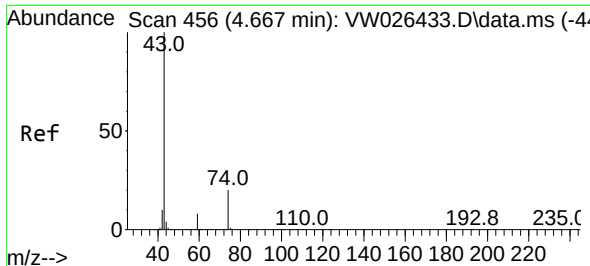
Tgt Ion: 43 Resp: 229657
Ion Ratio Lower Upper
43 100
58 30.5 0.0 63.2



#14
Carbon disulfide
Concen: 53.695 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 76 Resp: 1702846
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

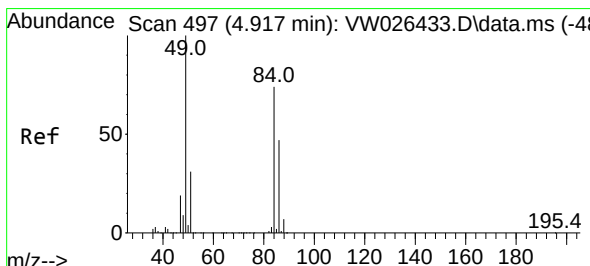
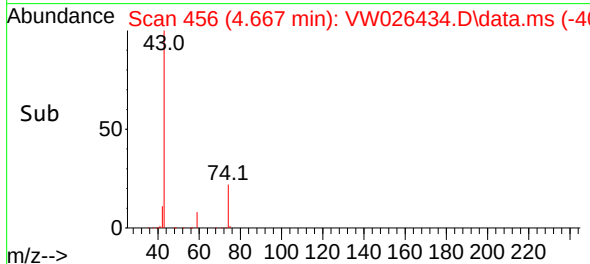
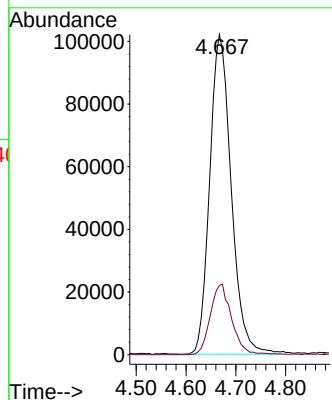
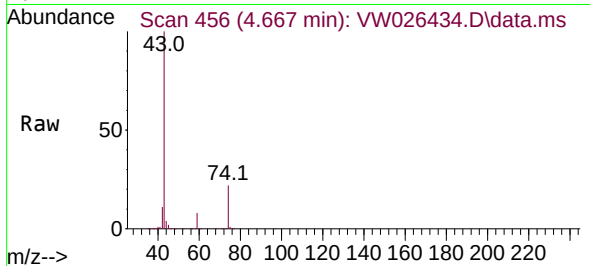




#15
Methyl Acetate
Concen: 52.865 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

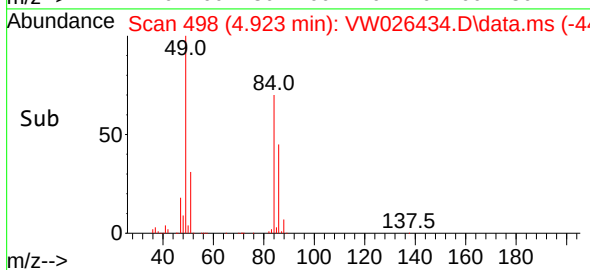
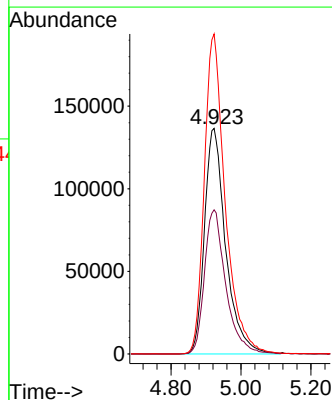
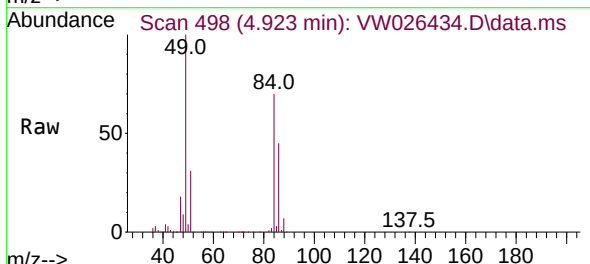
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

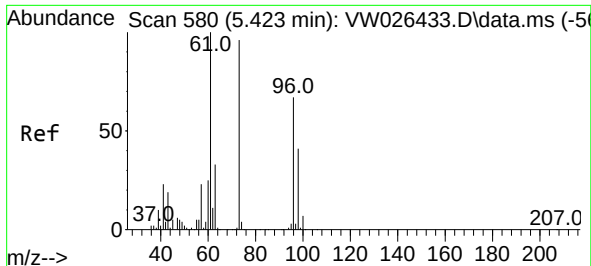
Tgt Ion: 43 Resp: 305324
Ion Ratio Lower Upper
43 100
74 21.6 16.6 24.8



#16
Methylene chloride
Concen: 39.067 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 84 Resp: 574614
Ion Ratio Lower Upper
84 100
86 63.9 44.1 81.9
49 141.8 94.1 174.8





#17

trans-1,2-Dichloroethene

Concen: 52.146 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050474

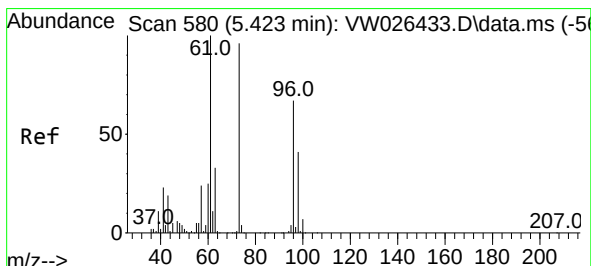
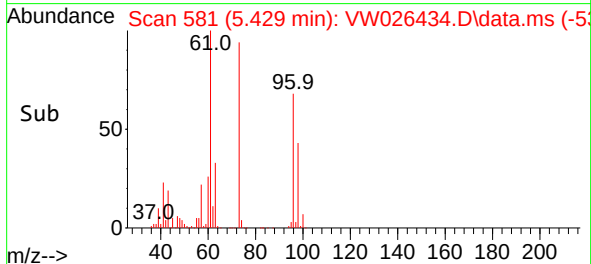
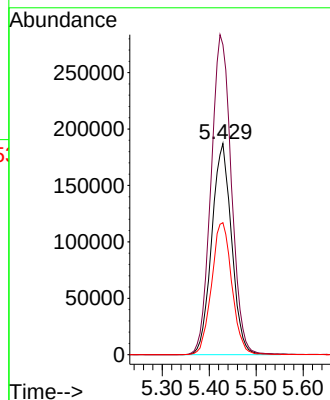
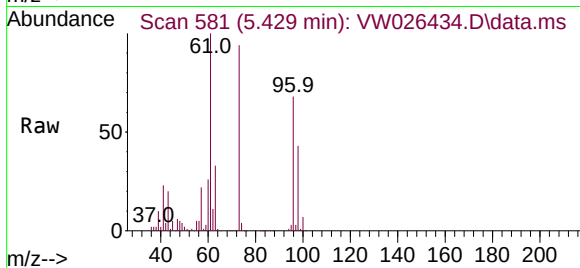
Tgt Ion: 96 Resp: 549676

Ion Ratio Lower Upper

96 100

61 146.7 105.2 195.4

98 62.5 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 53.093 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

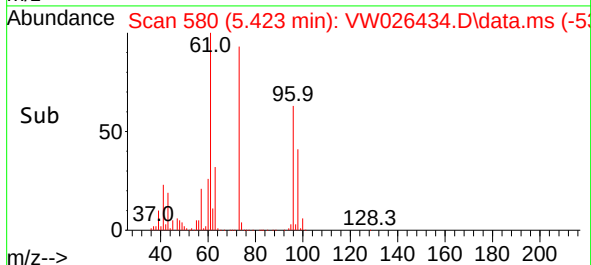
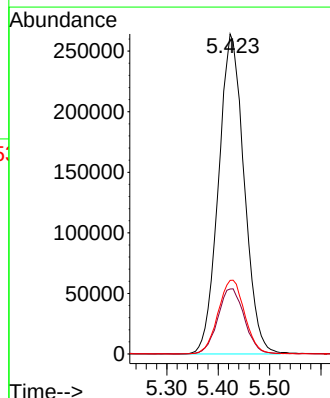
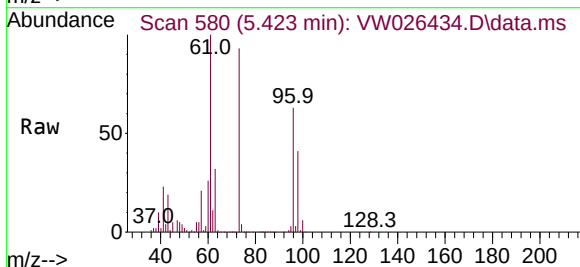
Tgt Ion: 73 Resp: 914615

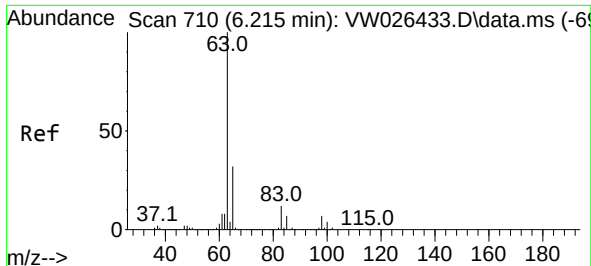
Ion Ratio Lower Upper

73 100

43 21.1 16.6 25.0

57 23.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 52.141 ug/L

RT: 6.215 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

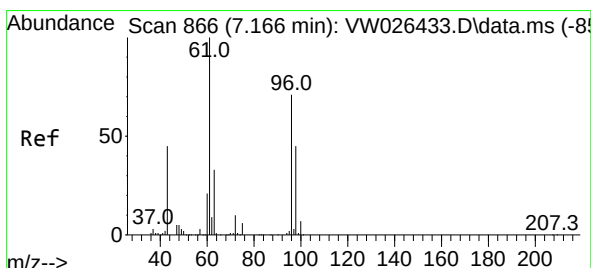
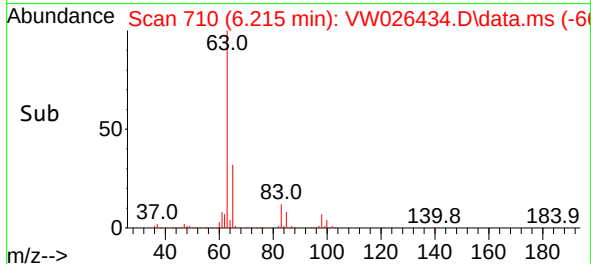
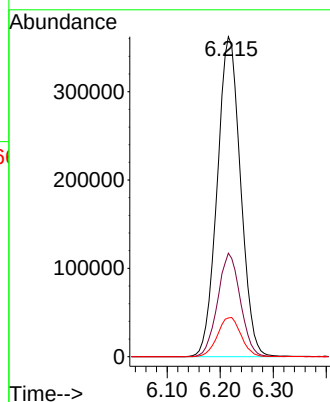
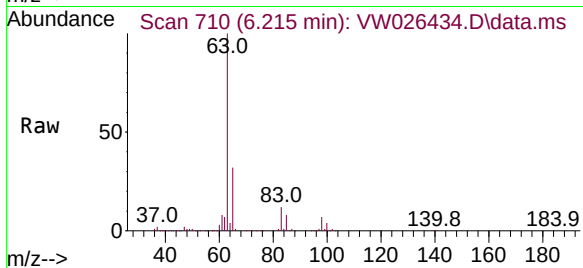
MSVOA_W

ClientSampleId :

VSTD050474

Tgt Ion: 63 Resp: 1105947

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.3	41.5
83	12.1	8.3	15.3



#20

cis-1,2-Dichloroethene

Concen: 50.433 ug/L

RT: 7.167 min Scan# 866

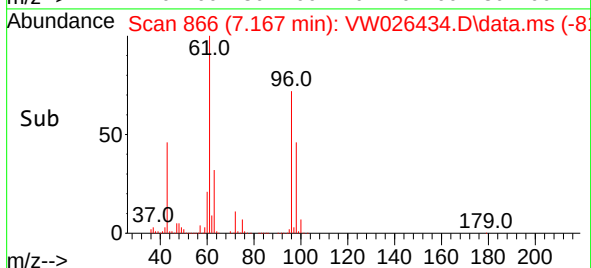
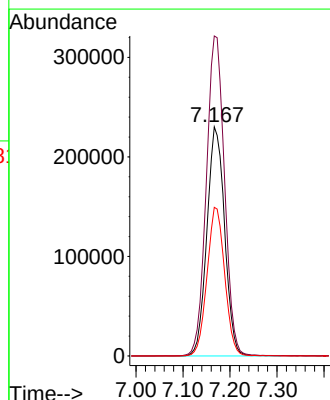
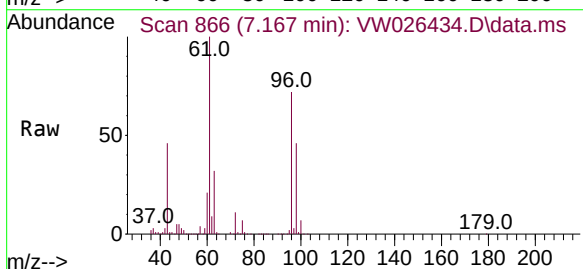
Delta R.T. 0.000 min

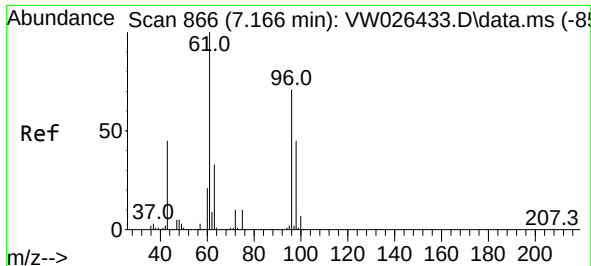
Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Tgt Ion: 96 Resp: 602150

Ion	Ratio	Lower	Upper
96	100		
61	139.7	99.3	184.5
98	64.9	44.3	82.3

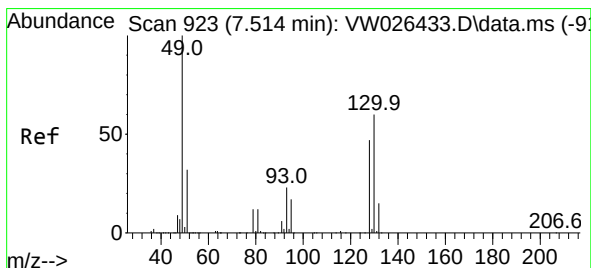
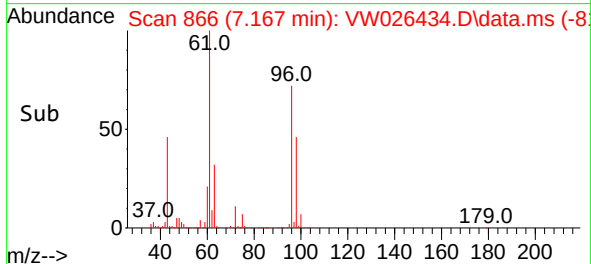
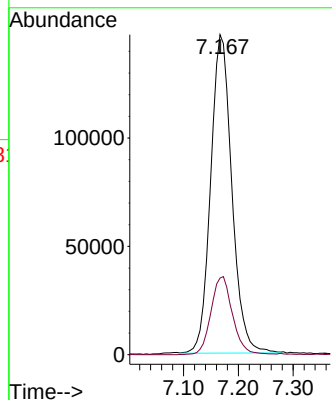
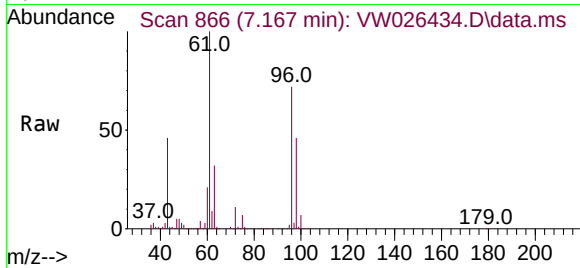




#22
2-Butanone
Concen: 90.368 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

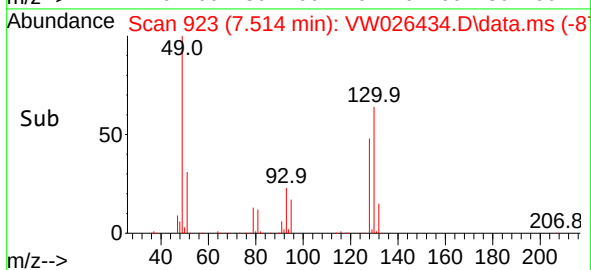
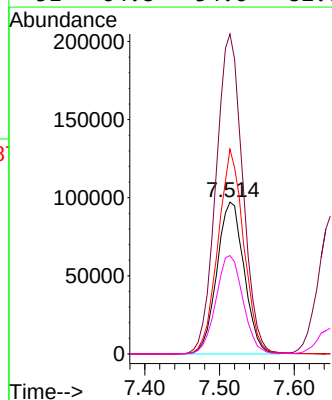
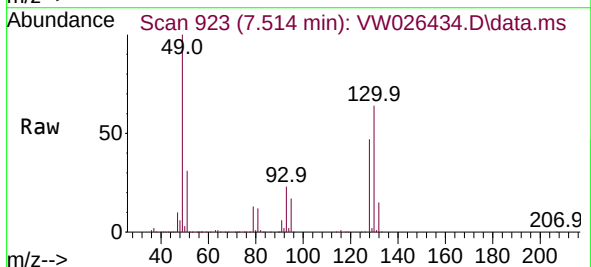
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

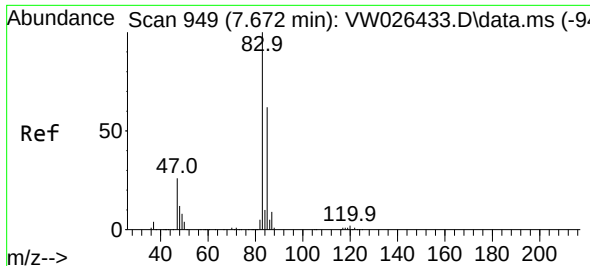
Tgt Ion: 43 Resp: 394093
Ion Ratio Lower Upper
43 100
72 25.0 12.6 37.8



#23
Bromochloromethane
Concen: 49.614 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 128 Resp: 246372
Ion Ratio Lower Upper
128 100
49 210.7 149.2 277.2
130 134.8 89.2 165.8
51 64.8 54.6 82.0

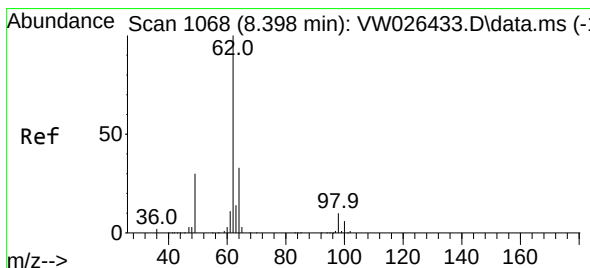
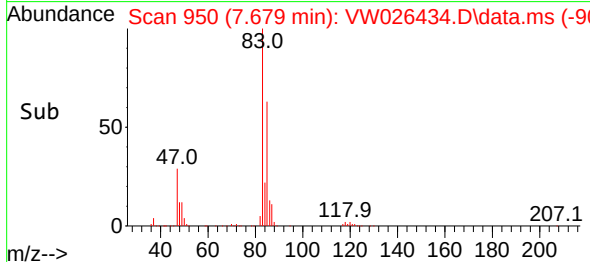
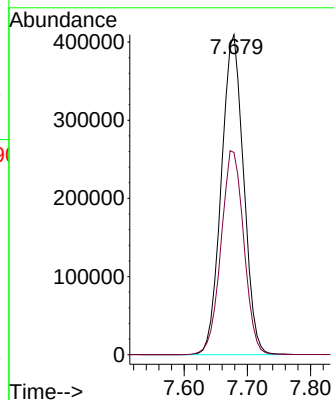
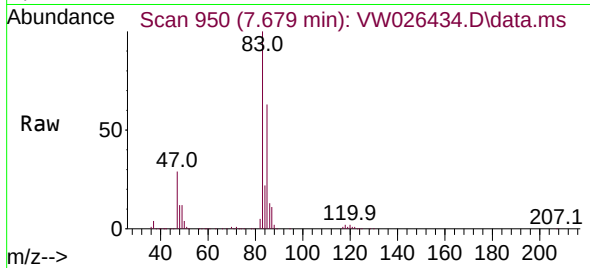




#25
Chloroform
Concen: 48.561 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

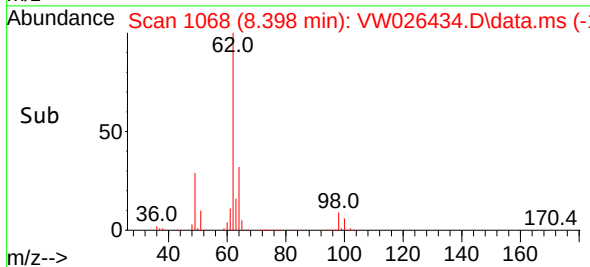
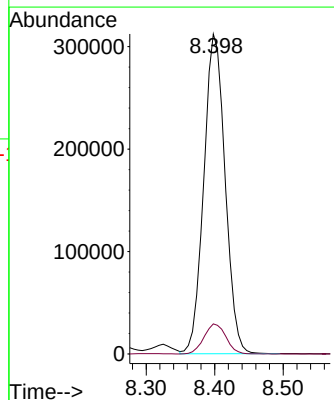
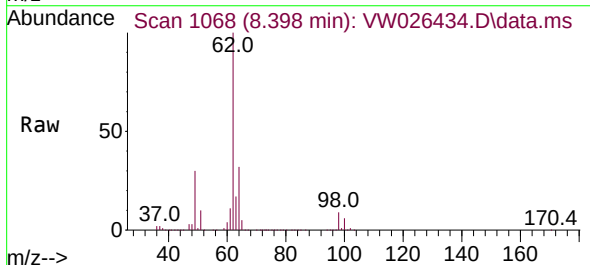
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

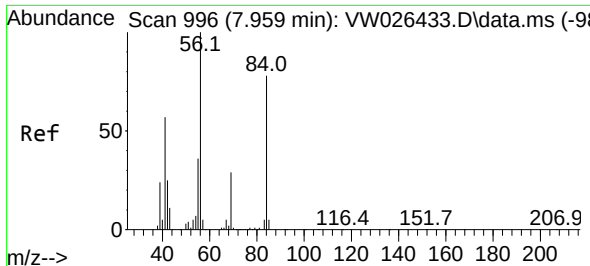
Tgt Ion: 83 Resp: 999721
Ion Ratio Lower Upper
83 100
85 63.2 44.4 82.4



#27
1,2-Dichloroethane
Concen: 48.016 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

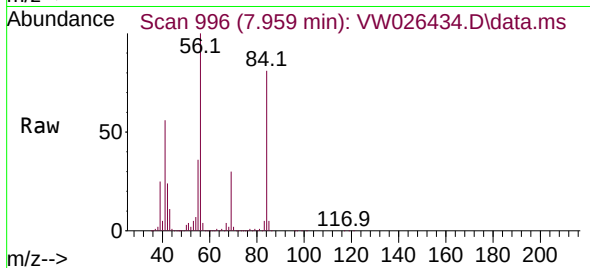
Tgt Ion: 62 Resp: 675888
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4





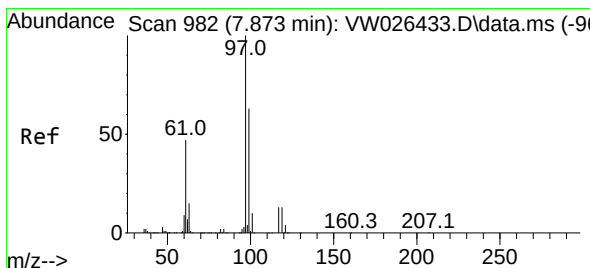
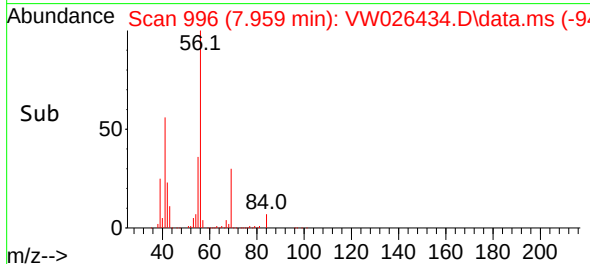
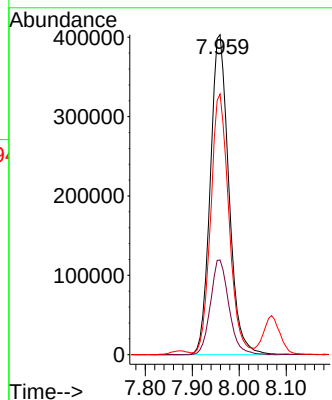
#29
Cyclohexane
Concen: 50.061 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD050474



Tgt Ion: 56 Resp: 1106026

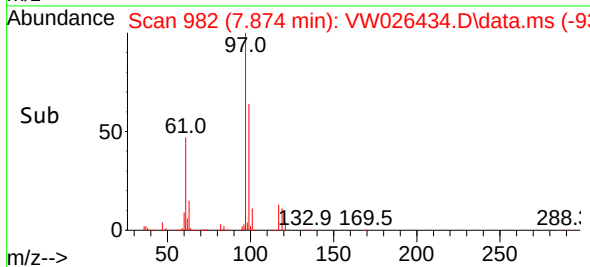
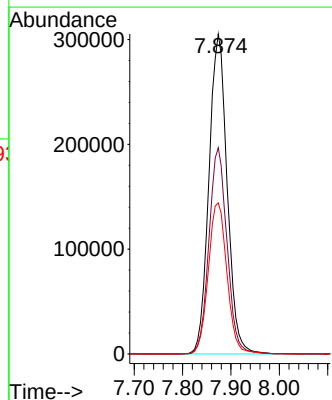
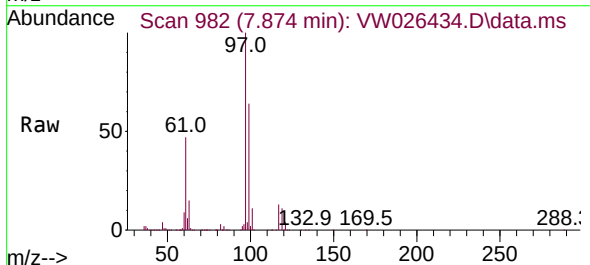
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.2	34.8
84	80.0	63.5	95.3

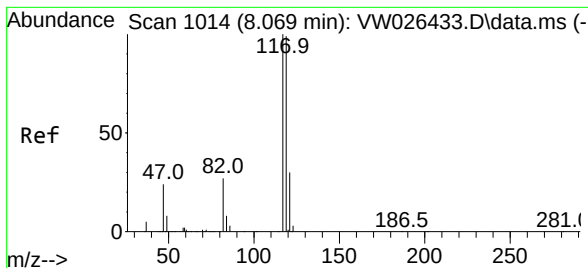


#30
1,1,1-Trichloroethane
Concen: 48.131 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 97 Resp: 799076

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	48.5	39.5	59.3

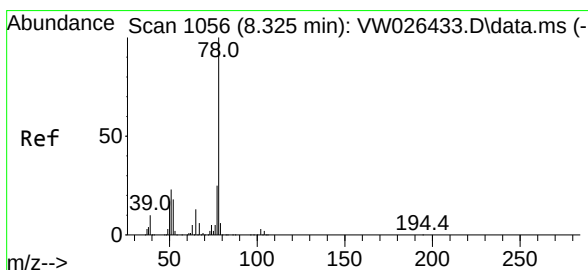
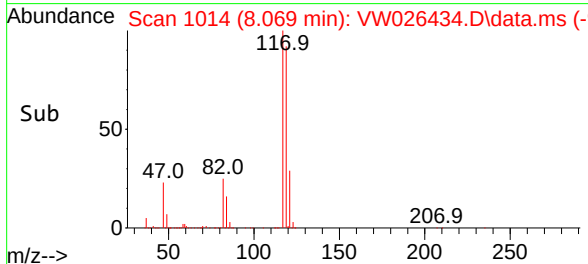
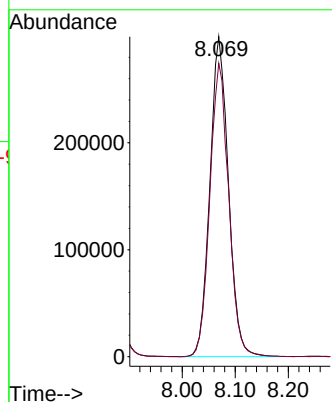
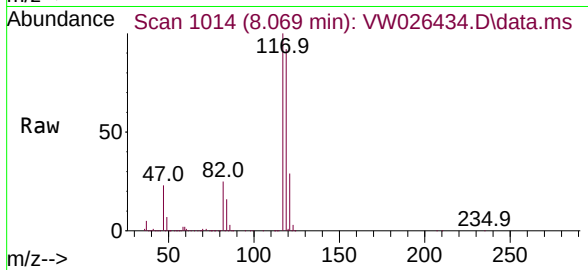




#31
Carbon tetrachloride
Concen: 48.686 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

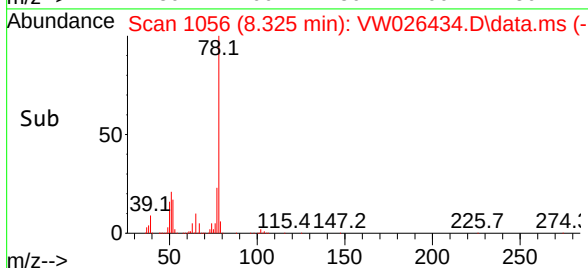
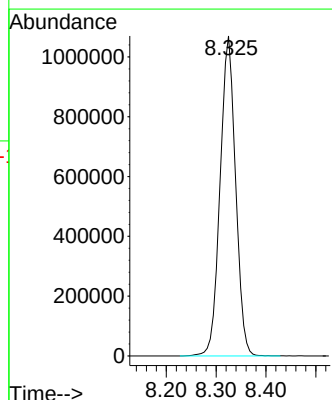
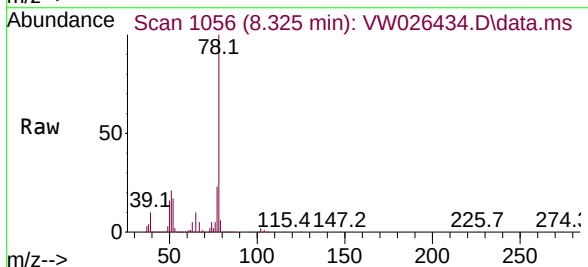
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

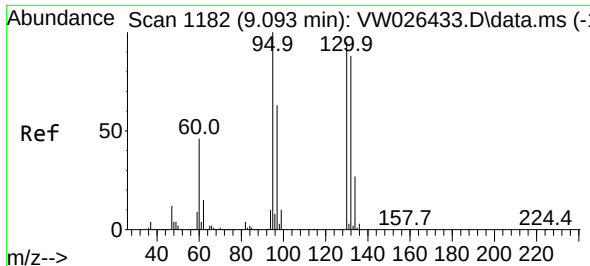
Tgt Ion:117 Resp: 727722
Ion Ratio Lower Upper
117 100
119 93.1 76.2 114.2



#33
Benzene
Concen: 47.318 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 78 Resp: 2309352

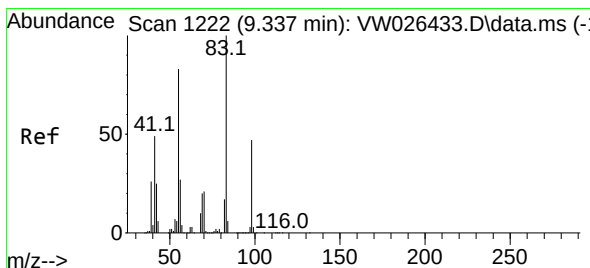
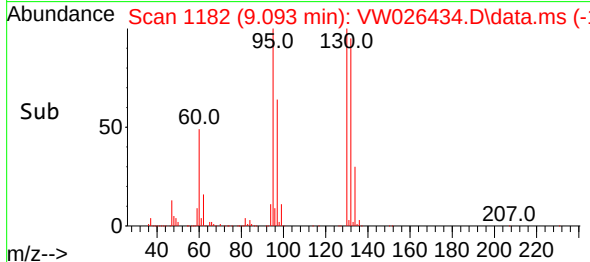
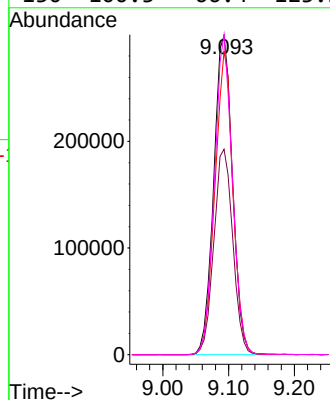
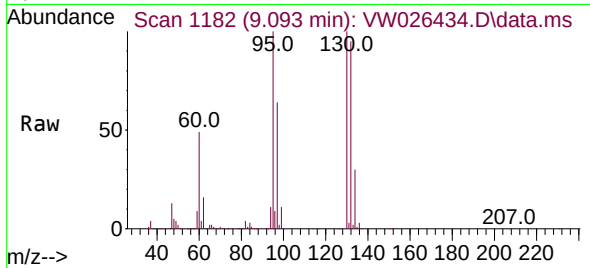




#34
Trichloroethene
Concen: 47.825 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

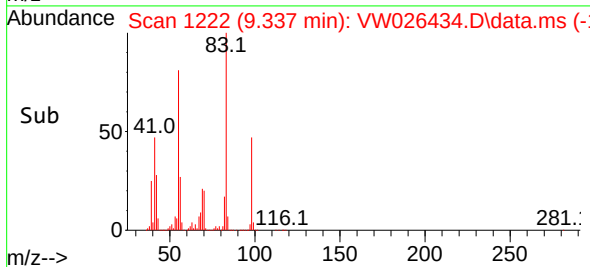
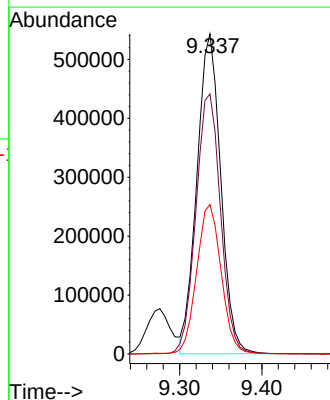
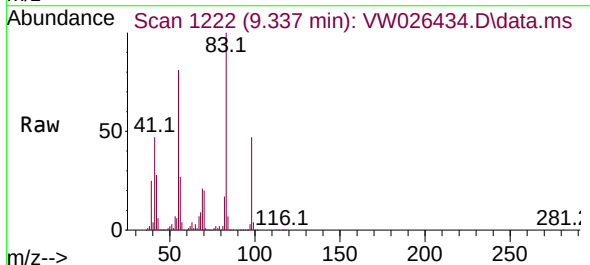
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

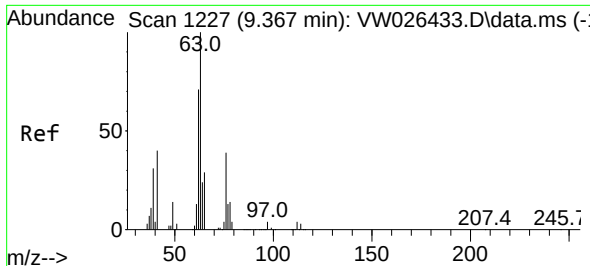
Tgt Ion: 95 Resp: 594588
Ion Ratio Lower Upper
95 100
97 64.4 44.1 81.9
132 95.1 61.8 114.8
130 100.3 66.4 123.2



#35
Methylcyclohexane
Concen: 49.401 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 83 Resp: 1094162
Ion Ratio Lower Upper
83 100
55 84.4 66.5 99.7
98 48.1 37.0 55.6





#37

1,2-Dichloropropane

Concen: 47.985 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

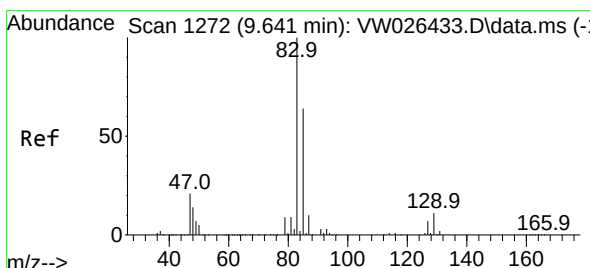
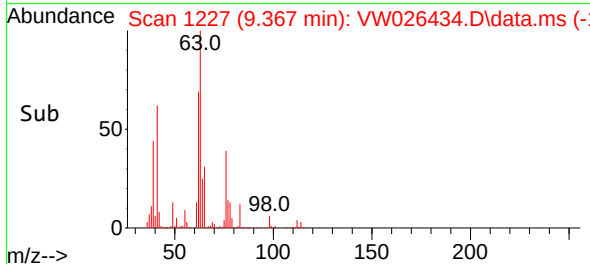
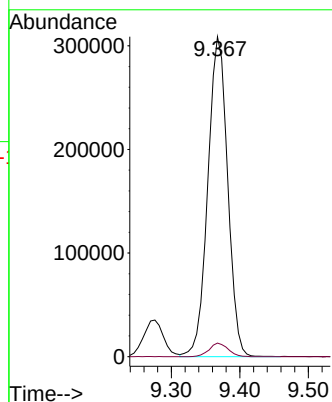
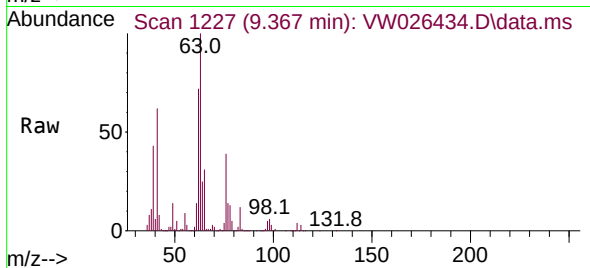
VSTD050474

Tgt Ion: 63 Resp: 621715

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 49.181 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

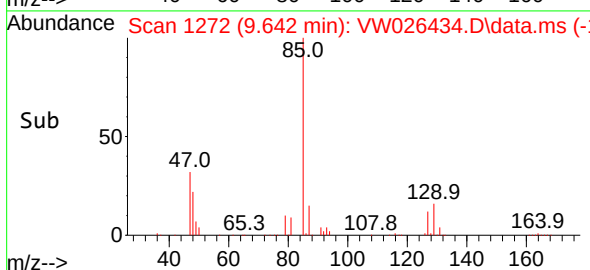
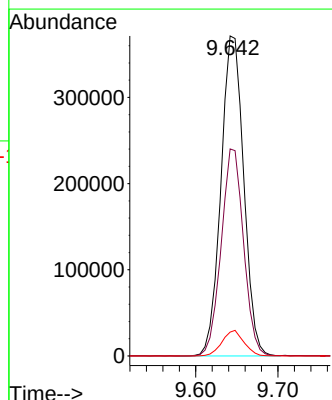
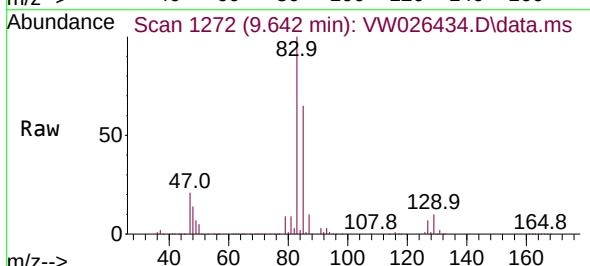
Tgt Ion: 83 Resp: 715194

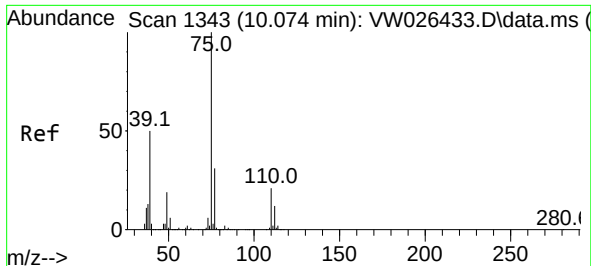
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7

127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 50.257 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

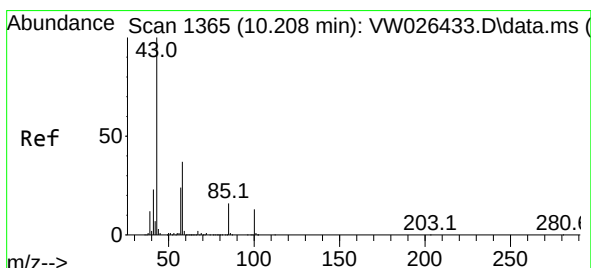
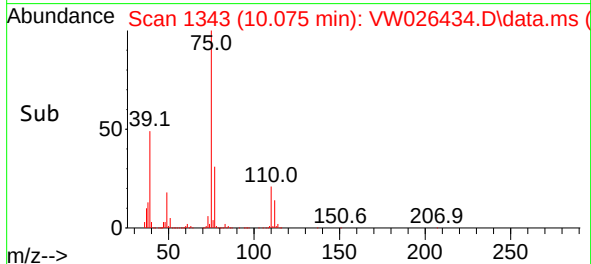
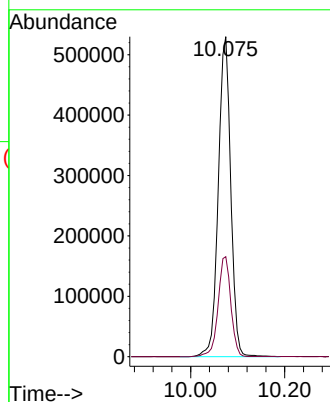
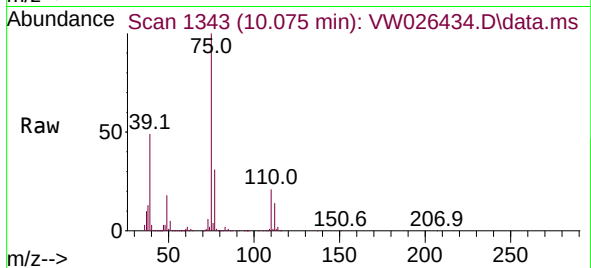
VSTD050474

Tgt Ion: 75 Resp: 974577

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 97.549 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

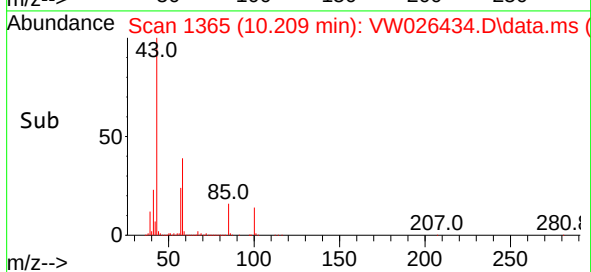
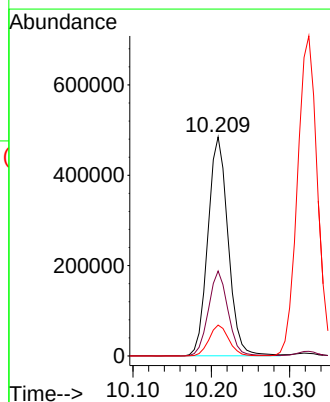
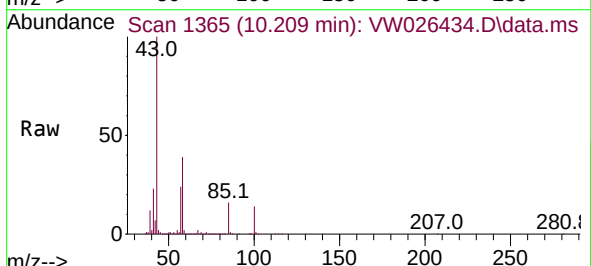
Tgt Ion: 43 Resp: 867781

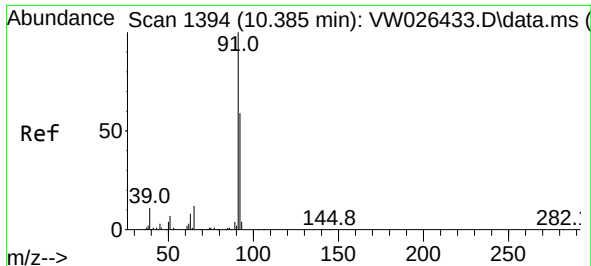
Ion Ratio Lower Upper

43 100

58 37.8 29.7 44.5

100 13.9 10.9 16.3

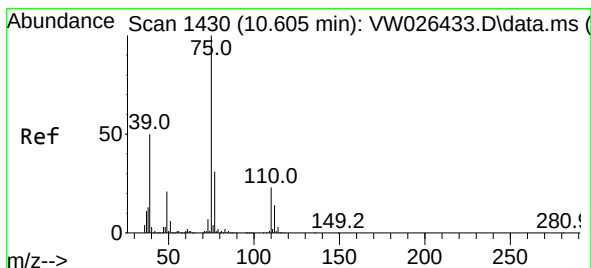
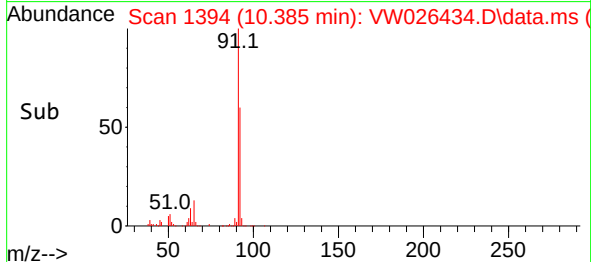
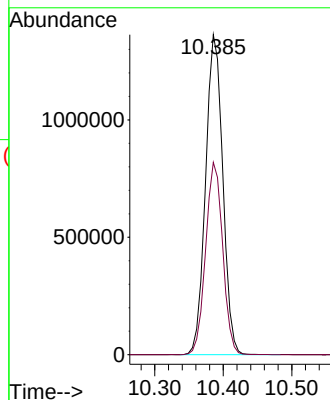
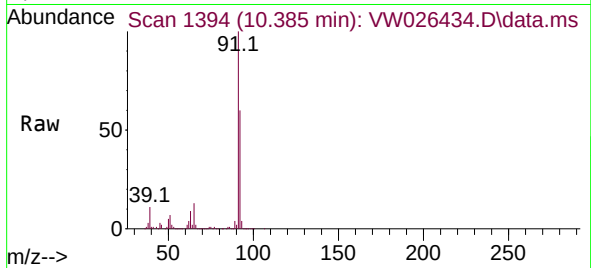




#42
Toluene
Concen: 47.720 ug/L
RT: 10.385 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

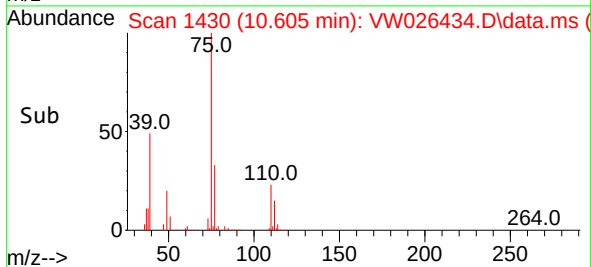
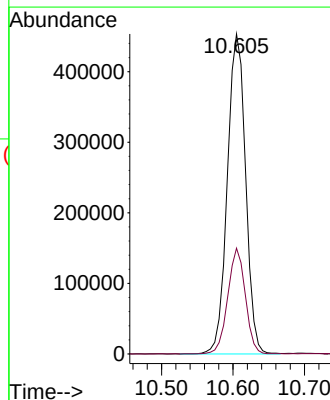
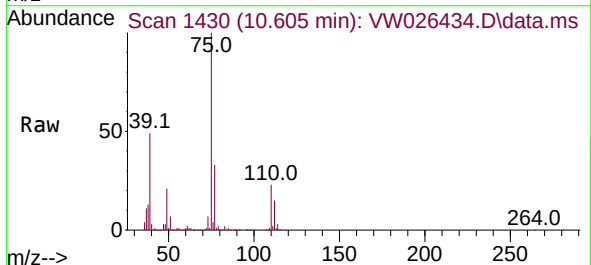
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

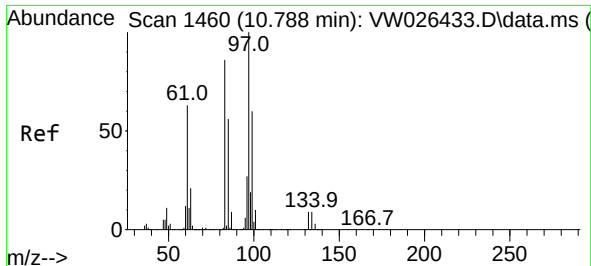
Tgt Ion: 91 Resp: 2382787
Ion Ratio Lower Upper
91 100
92 60.1 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 50.692 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 75 Resp: 803398
Ion Ratio Lower Upper
75 100
77 33.0 21.8 40.6



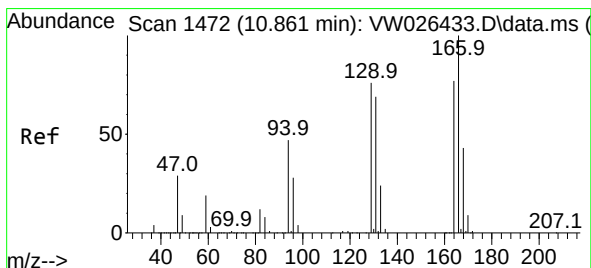
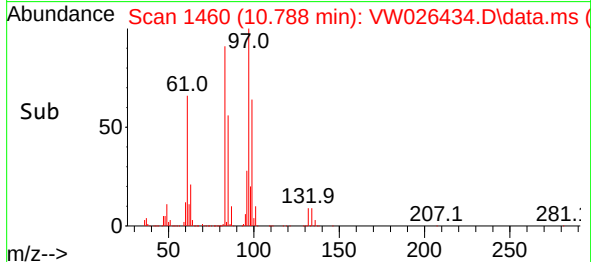
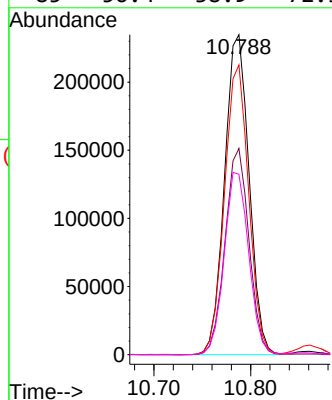
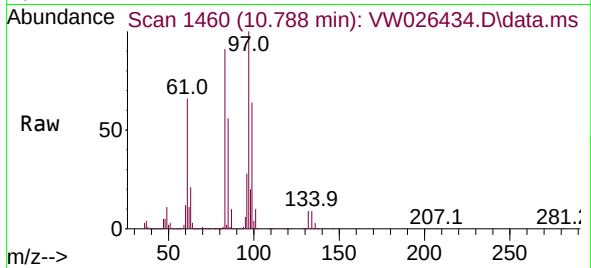


#45
1,1,2-Trichloroethane
Concen: 46.860 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

Tgt Ion: 97 Resp: 413569

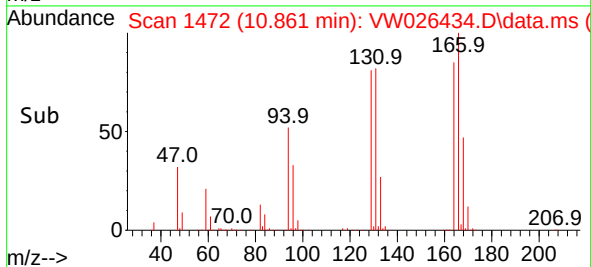
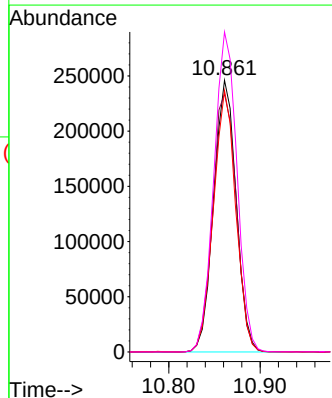
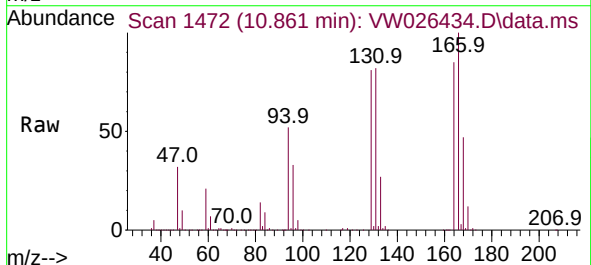
Ion	Ratio	Lower	Upper
97	100		
99	64.4	42.1	78.3
83	90.6	60.5	112.5
85	56.4	38.9	72.3

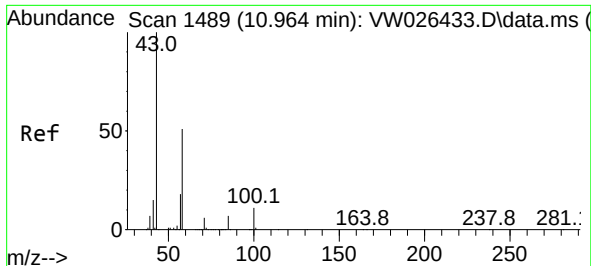


#46
Tetrachloroethene
Concen: 47.999 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 164 Resp: 421901

Ion	Ratio	Lower	Upper
164	100		
129	95.1	69.0	128.2
131	96.3	62.6	116.3
166	117.8	90.6	168.3

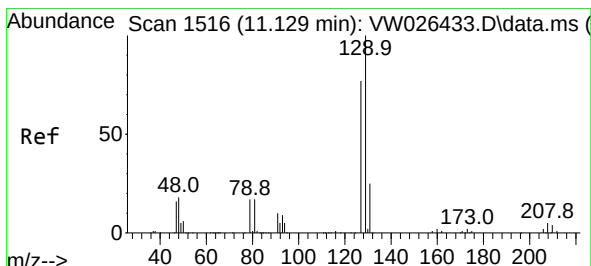
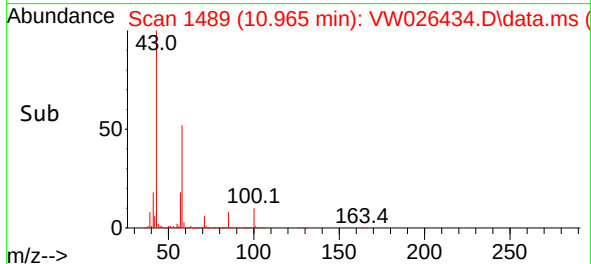
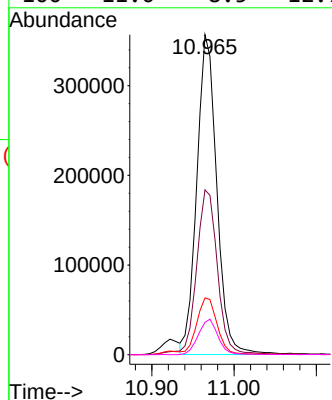
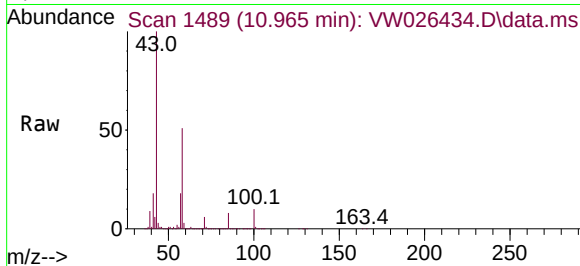




#48
2-Hexanone
Concen: 100.920 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

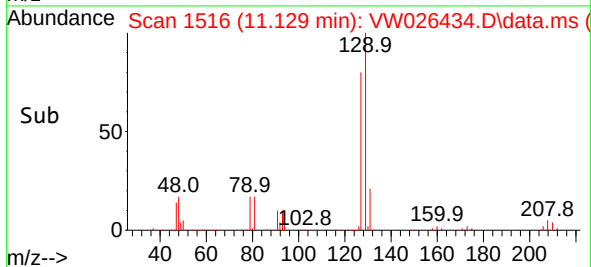
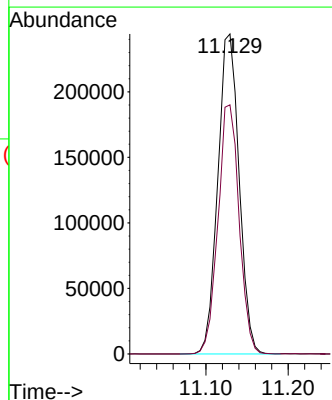
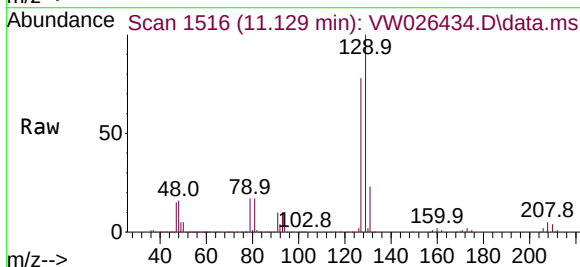
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

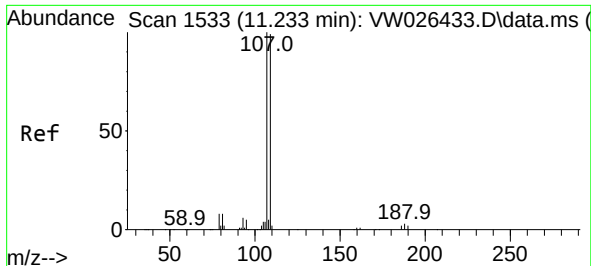
Tgt Ion: 43 Resp: 602595
Ion Ratio Lower Upper
43 100
58 52.7 42.1 63.1
57 17.9 14.5 21.7
100 11.0 8.5 12.7



#49
Dibromochloromethane
Concen: 49.973 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion:129 Resp: 439291
Ion Ratio Lower Upper
129 100
127 77.9 54.0 100.4





#50

1,2-Dibromoethane

Concen: 48.663 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050474

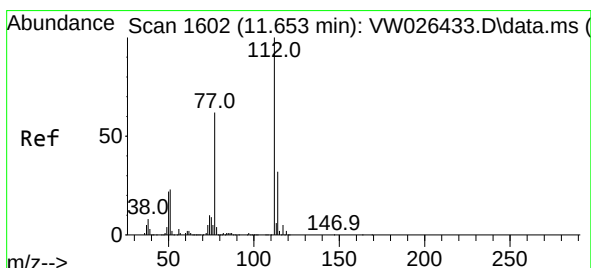
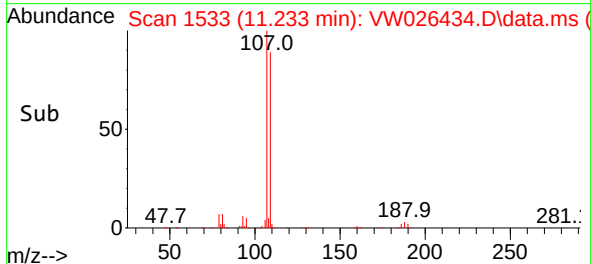
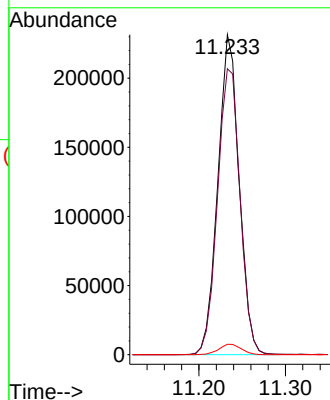
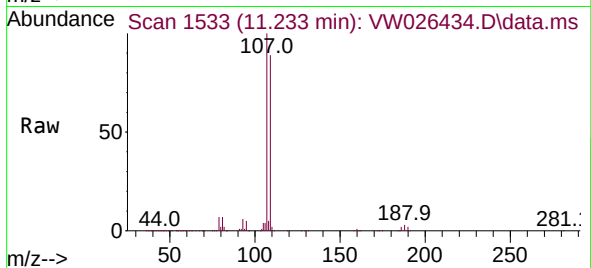
Tgt Ion:107 Resp: 394930

Ion Ratio Lower Upper

107 100

109 89.4 69.0 128.2

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 47.342 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

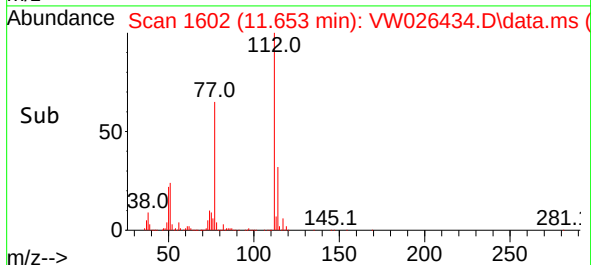
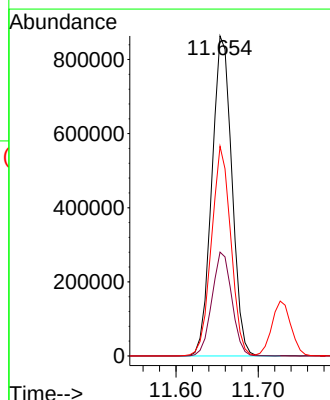
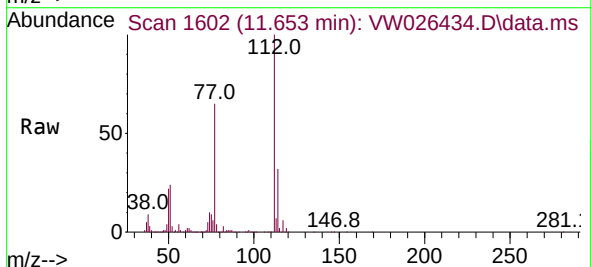
Tgt Ion:112 Resp: 1462610

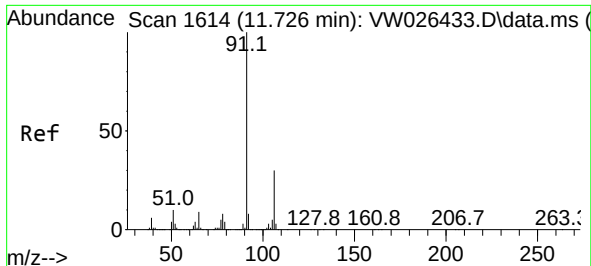
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 65.5 49.6 74.4

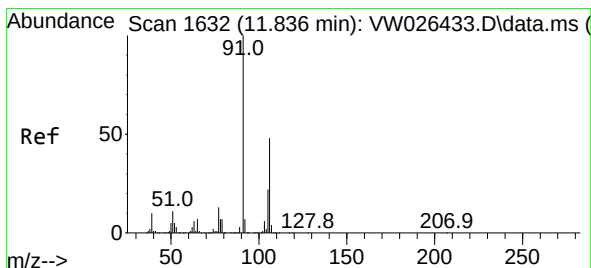
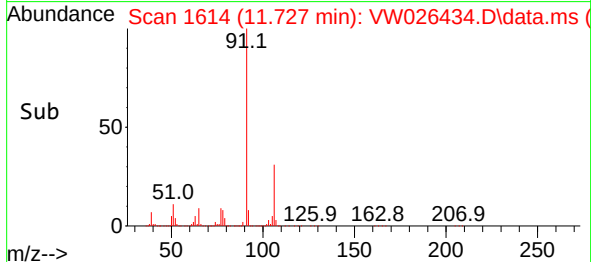
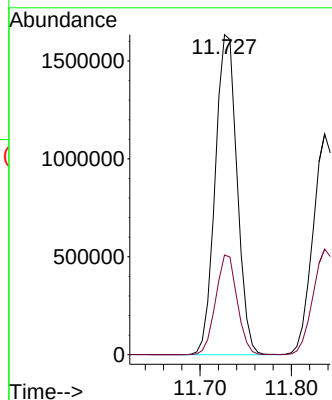
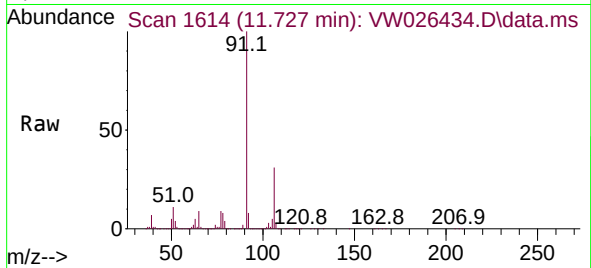




#52
Ethylbenzene
Concen: 48.502 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

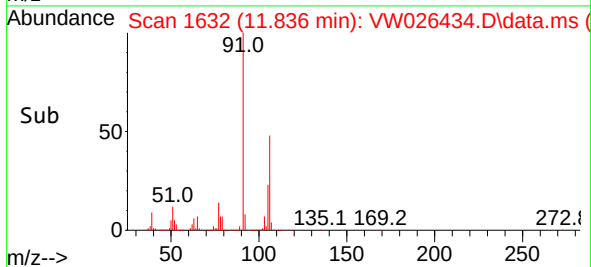
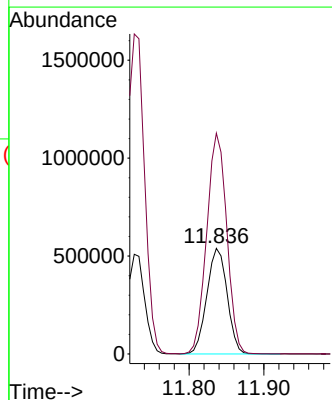
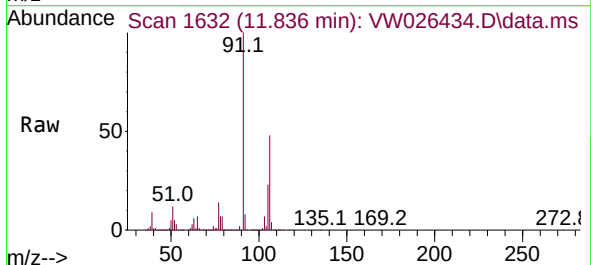
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

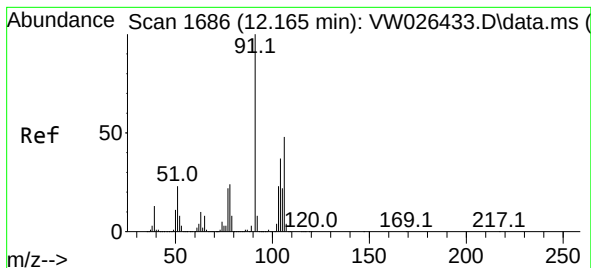
Tgt Ion: 91 Resp: 2725210
Ion Ratio Lower Upper
91 100
106 31.2 20.9 38.7



#53
m,p-Xylene
Concen: 48.872 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion:106 Resp: 1018225
Ion Ratio Lower Upper
106 100
91 208.9 146.7 272.5





#54

o-Xylene

Concen: 49.822 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

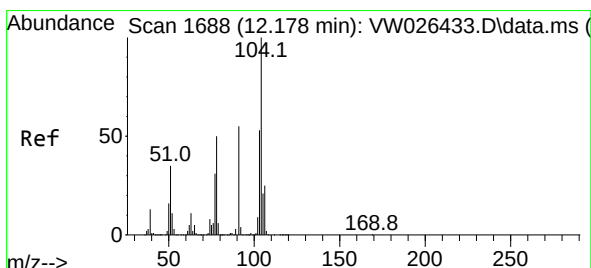
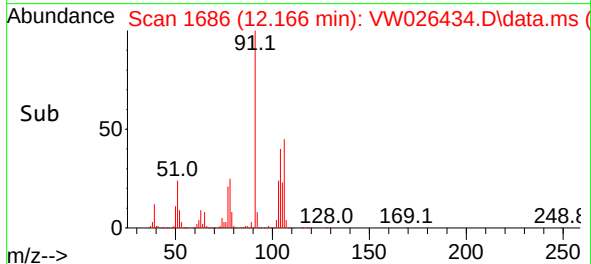
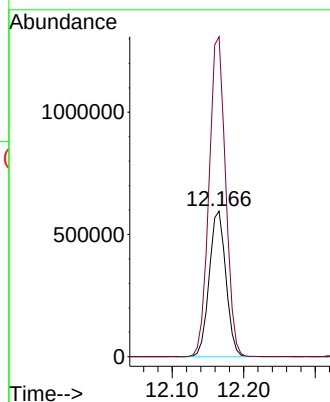
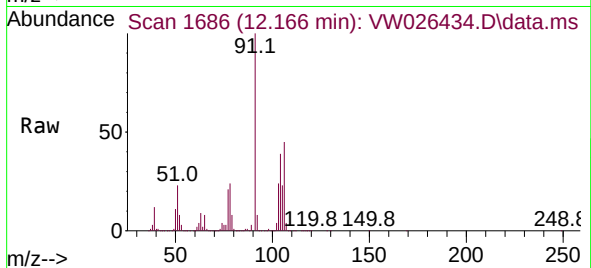
VSTD050474

Tgt Ion:106 Resp: 962733

Ion Ratio Lower Upper

106 100

91 220.0 145.5 270.1



#55

Styrene

Concen: 50.080 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026434.D

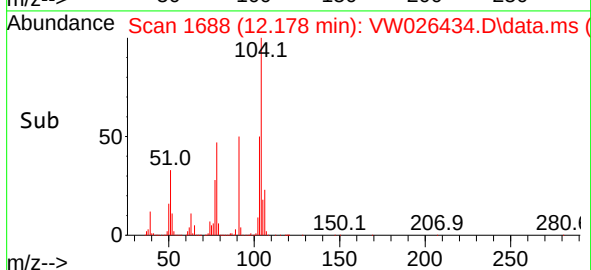
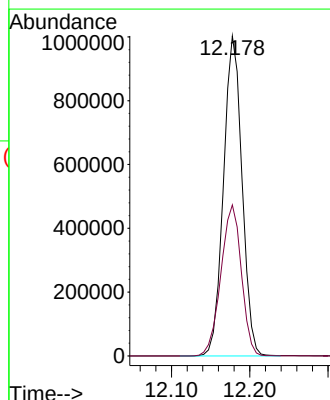
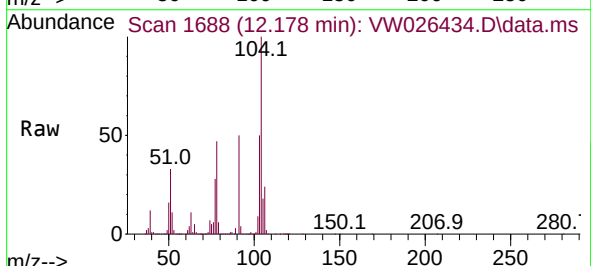
Acq: 29 Jun 2023 13:31

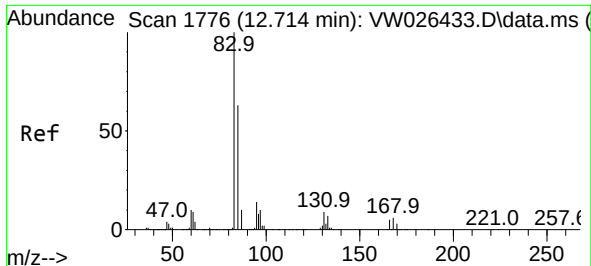
Tgt Ion:104 Resp: 1651818

Ion Ratio Lower Upper

104 100

78 47.2 34.8 64.6

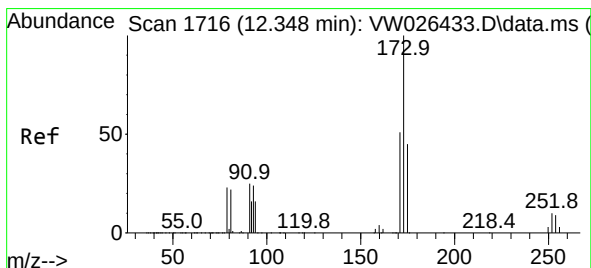
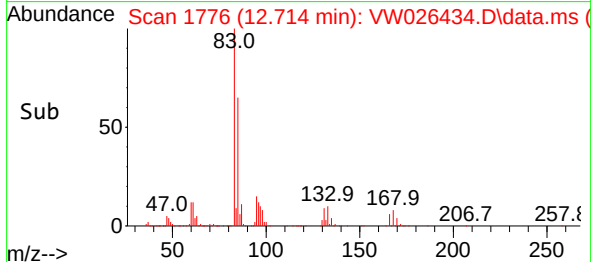
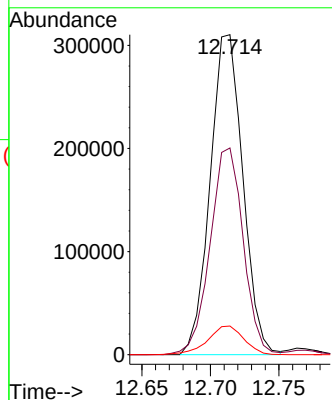
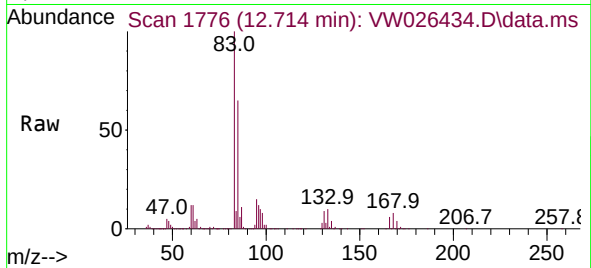




#57
1,1,2,2-Tetrachloroethane
Concen: 47.810 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

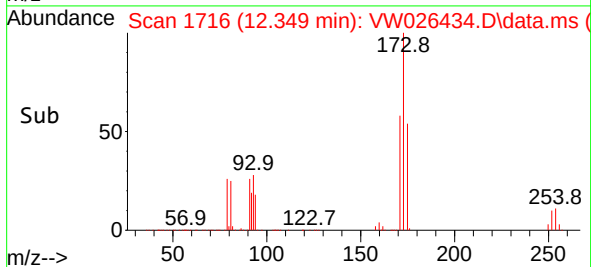
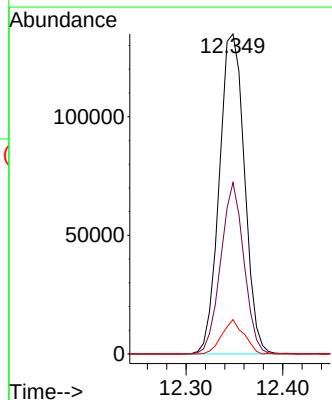
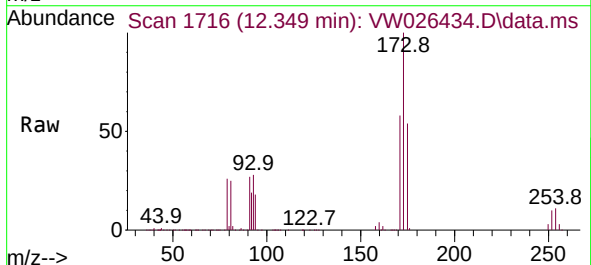
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

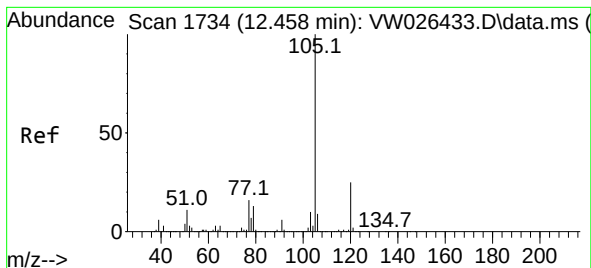
Tgt Ion: 83 Resp: 515247
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8
131 9.0 7.2 10.8



#59
Bromoform
Concen: 49.941 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion: 173 Resp: 243703
Ion Ratio Lower Upper
173 100
175 49.2 37.4 56.2
254 9.4 7.3 10.9





#60

Isopropylbenzene

Concen: 49.596 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050474

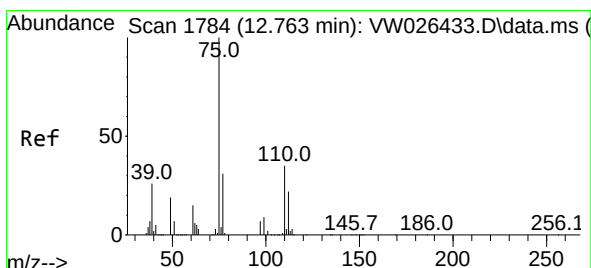
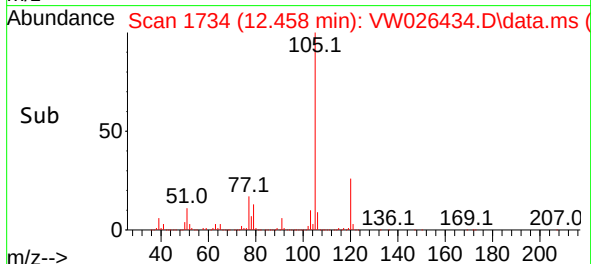
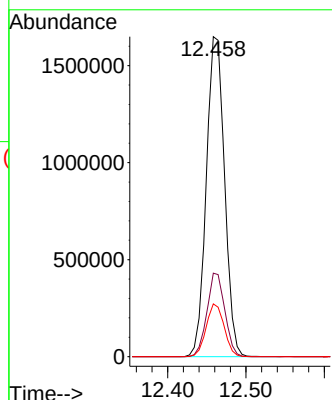
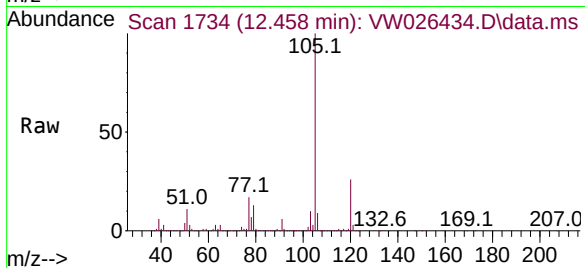
Tgt Ion:105 Resp: 2665935

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.2 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 47.325 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

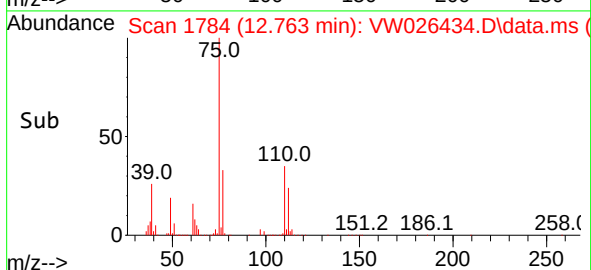
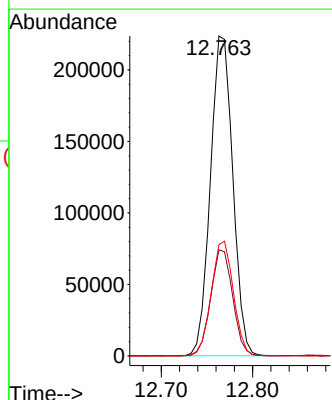
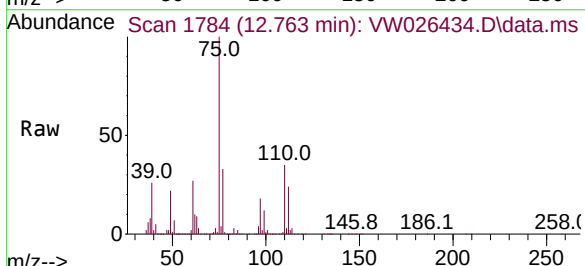
Tgt Ion: 75 Resp: 381204

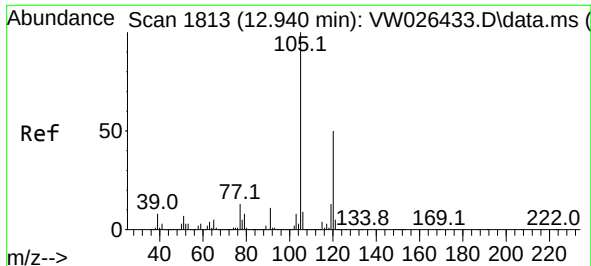
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

110 35.4 28.2 42.4

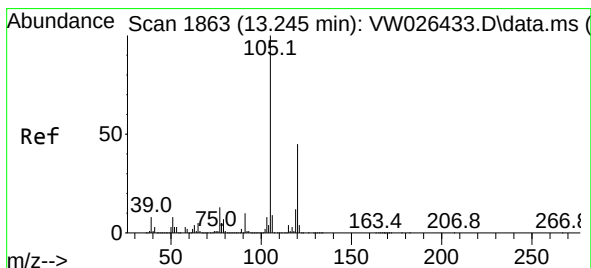
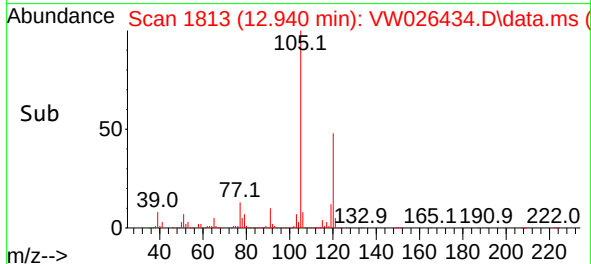
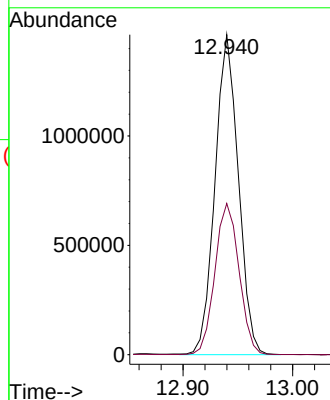
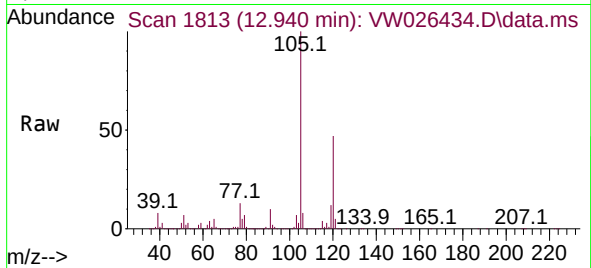




#62
1,3,5-Trimethylbenzene
Concen: 50.668 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

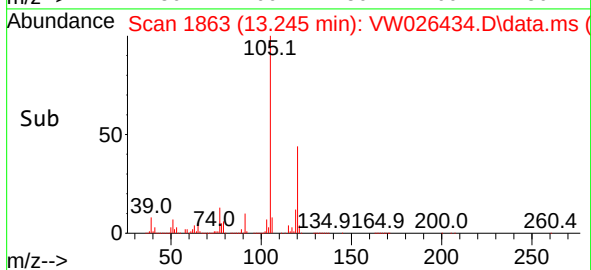
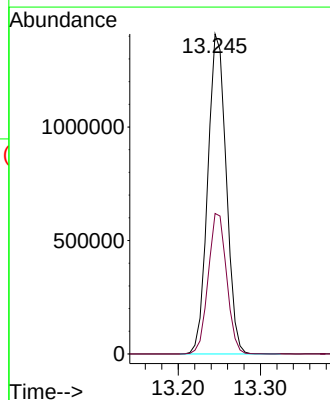
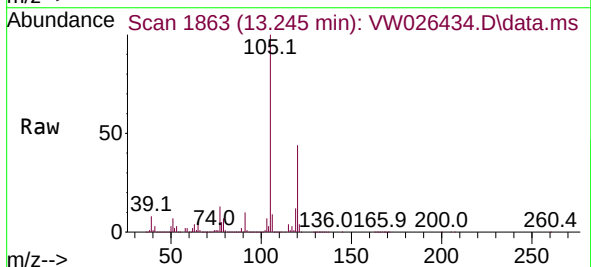
Instrument :
MSVOA_W
ClientSampleId :
VSTD050474

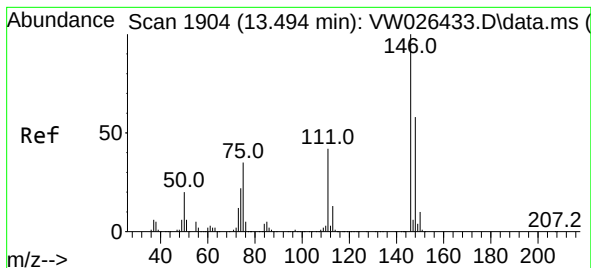
Tgt Ion:105 Resp: 2165764
Ion Ratio Lower Upper
105 100
120 48.9 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 52.494 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026434.D
Acq: 29 Jun 2023 13:31

Tgt Ion:105 Resp: 2192049
Ion Ratio Lower Upper
105 100
120 43.9 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 48.018 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050474

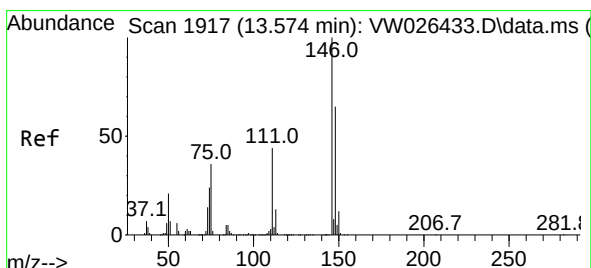
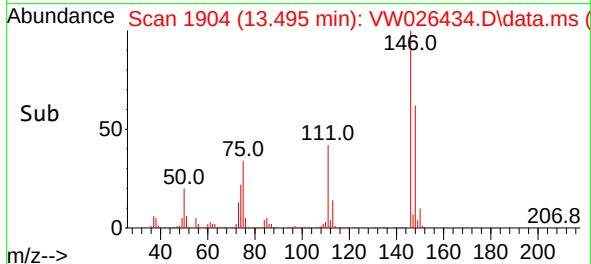
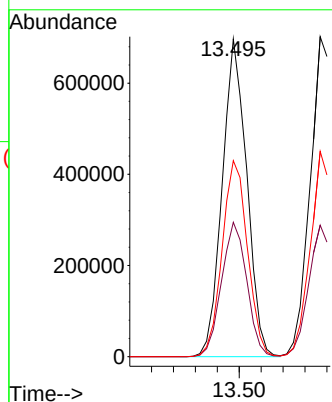
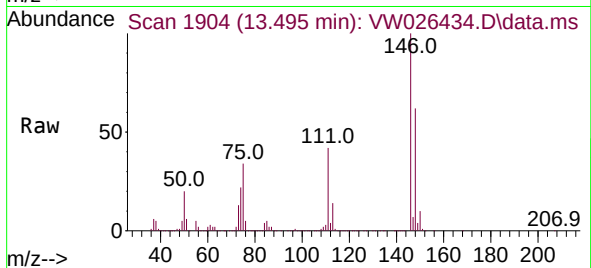
Tgt Ion:146 Resp: 1082959

Ion Ratio Lower Upper

146 100

111 42.3 29.5 54.9

148 61.7 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 48.188 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

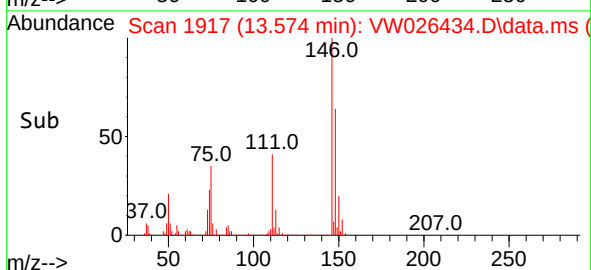
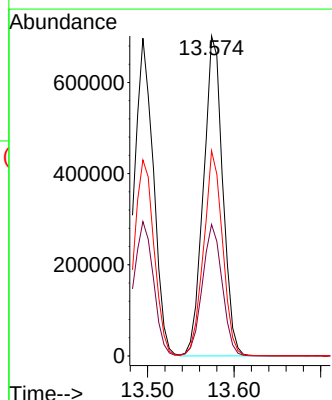
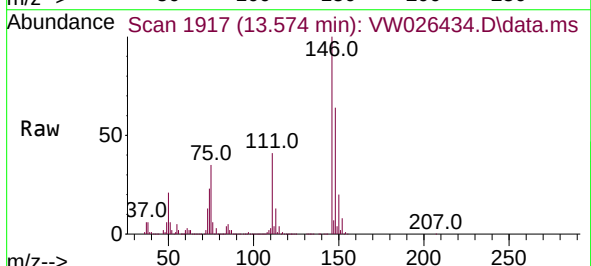
Tgt Ion:146 Resp: 1080870

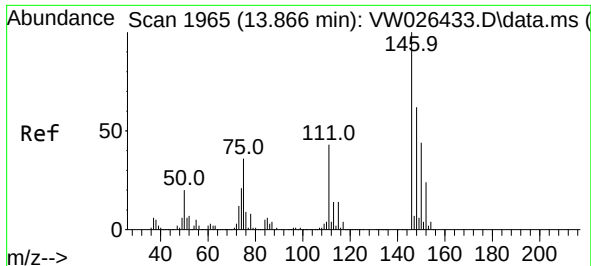
Ion Ratio Lower Upper

146 100

111 41.1 30.7 56.9

148 64.2 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 47.323 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050474

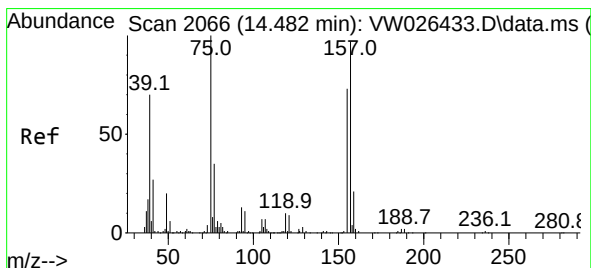
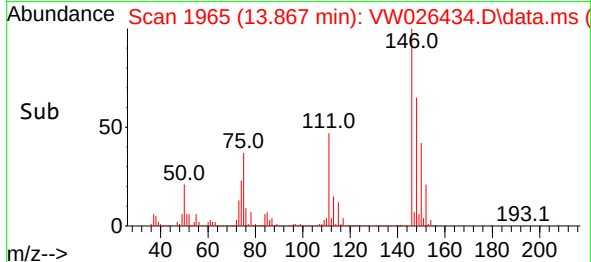
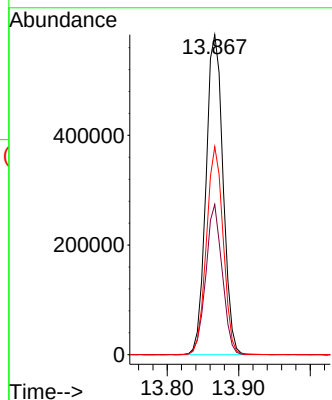
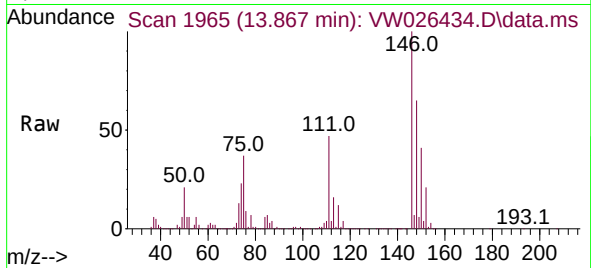
Tgt Ion:146 Resp: 965816

Ion Ratio Lower Upper

146 100

111 46.9 34.7 52.1

148 65.0 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 46.433 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

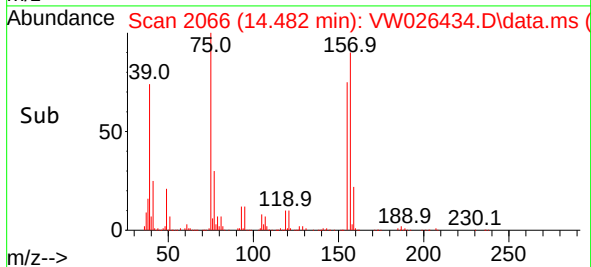
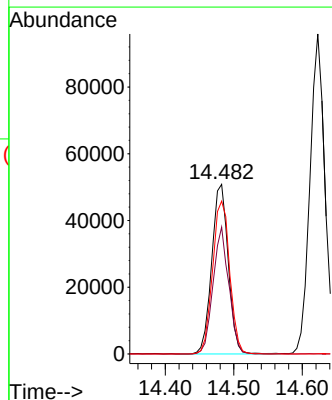
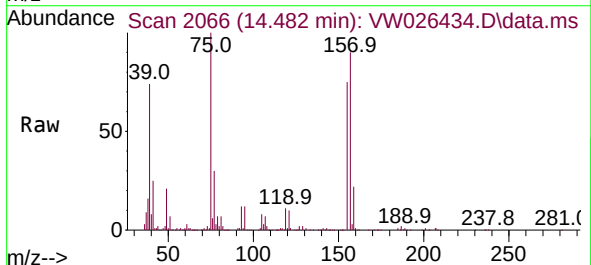
Tgt Ion: 75 Resp: 85324

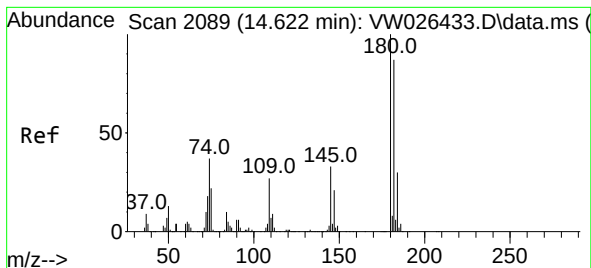
Ion Ratio Lower Upper

75 100

155 74.8 58.5 87.7

157 90.1 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 47.810 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050474

Tgt Ion:180 Resp: 734027

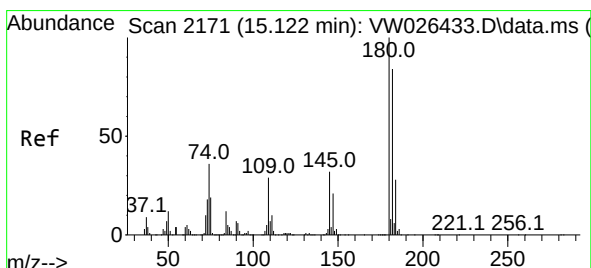
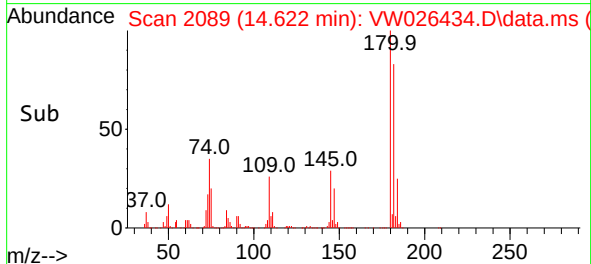
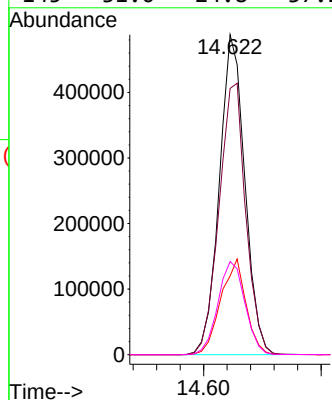
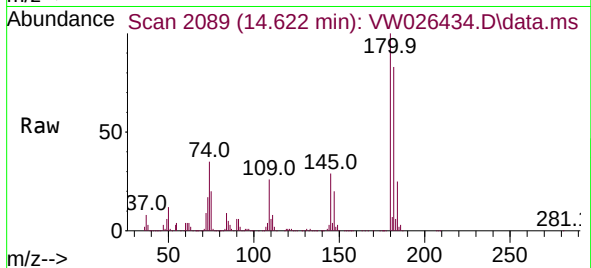
Ion Ratio Lower Upper

180 100

182 89.1 74.5 111.7

184 29.7 23.8 35.6

145 31.0 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 47.021 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

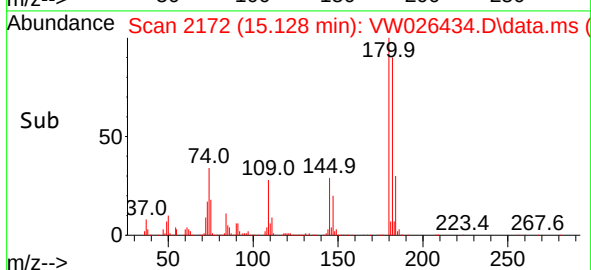
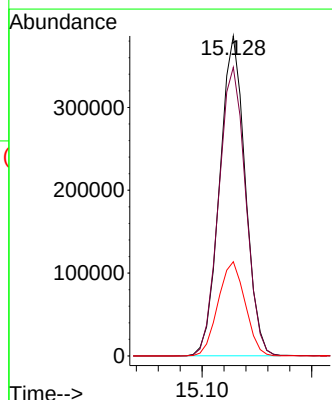
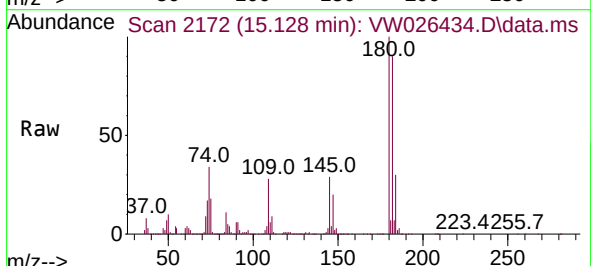
Tgt Ion:180 Resp: 624813

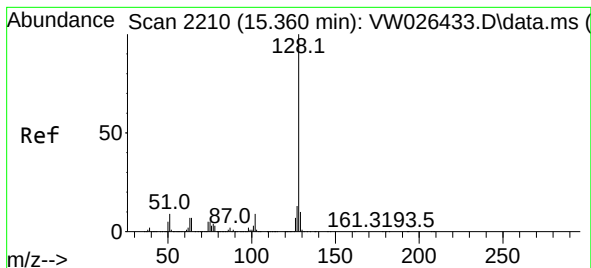
Ion Ratio Lower Upper

180 100

182 94.8 75.5 113.3

145 31.2 26.2 39.2





#71

Naphthalene

Concen: 49.905 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD050474

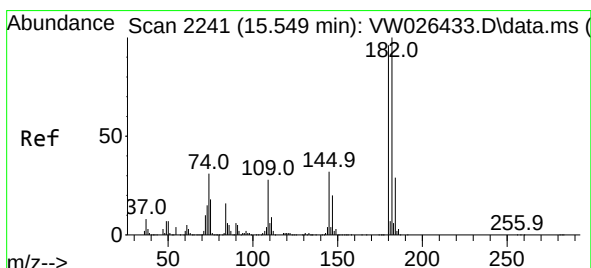
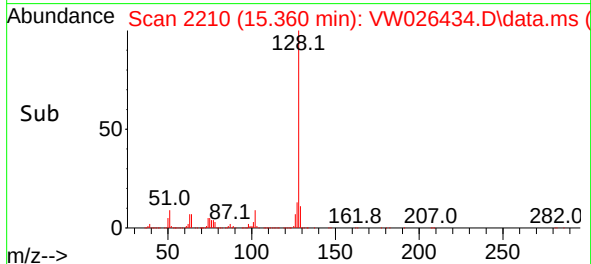
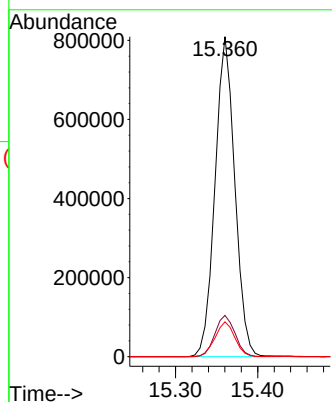
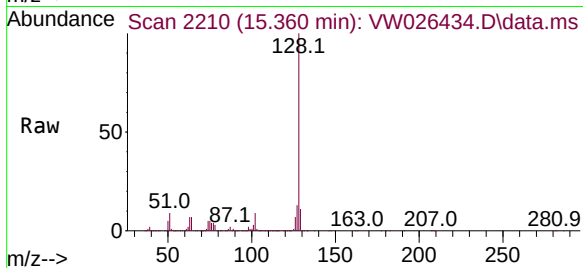
Tgt Ion:128 Resp: 1351694

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 46.623 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026434.D

Acq: 29 Jun 2023 13:31

Tgt Ion:180 Resp: 532767

Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

145 34.4 27.0 40.6

