

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026462.D
 Acq On : 30 Jun 2023 10:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jun 30 23:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	906437	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	774143	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	380769	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	243314	23.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.320%
7) Chloroethane-d5	2.893	69	187139	22.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.080%
11) 1,1-Dichloroethene-d2	4.021	65	119323	23.107	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.440%
21) 2-Butanone-d5	7.075	46	175168	44.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.820%
24) Chloroform-d	7.648	84	483549	21.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	8.307	65	260121	21.540	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.160%
32) Benzene-d6	8.276	84	1005881	22.342	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	9.276	67	321353	22.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.325	98	881461	22.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	10.575	79	125830	21.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.000%
47) 2-Hexanone-d5	10.922	63	115337	48.062	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252674	22.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	275079	20.747	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	210398	23.787	ug/L	91
3) Chloromethane	2.222	50	272921	21.889	ug/L	96
5) Vinyl chloride	2.375	62	283981	22.100	ug/L	99
6) Bromomethane	2.783	94	153350	20.985	ug/L	100
8) Chloroethane	2.930	64	164140	21.061	ug/L	99
9) Trichlorofluoromethane	3.265	101	199844	21.388	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	229915	22.169	ug/L	99
12) 1,1-Dichloroethene	4.051	96	220742	21.746	ug/L	85
13) Acetone	4.118	43	114296	41.482	ug/L	98
14) Carbon disulfide	4.393	76	709866	21.609	ug/L	99
15) Methyl Acetate	4.667	43	134902	22.549	ug/L	99
16) Methylene chloride	4.917	84	243063	15.870	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	239930	21.973	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	405419	22.720	ug/L	99
19) 1,1-Dichloroethane	6.216	63	484158	22.036	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	262157	21.196	ug/L	95
22) 2-Butanone	7.167	43	189354	41.917	ug/L	97
23) Bromochloromethane	7.514	128	105146	20.441	ug/L	97
25) Chloroform	7.679	83	437114	20.497	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026462.D
 Acq On : 30 Jun 2023 10:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jun 30 23:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

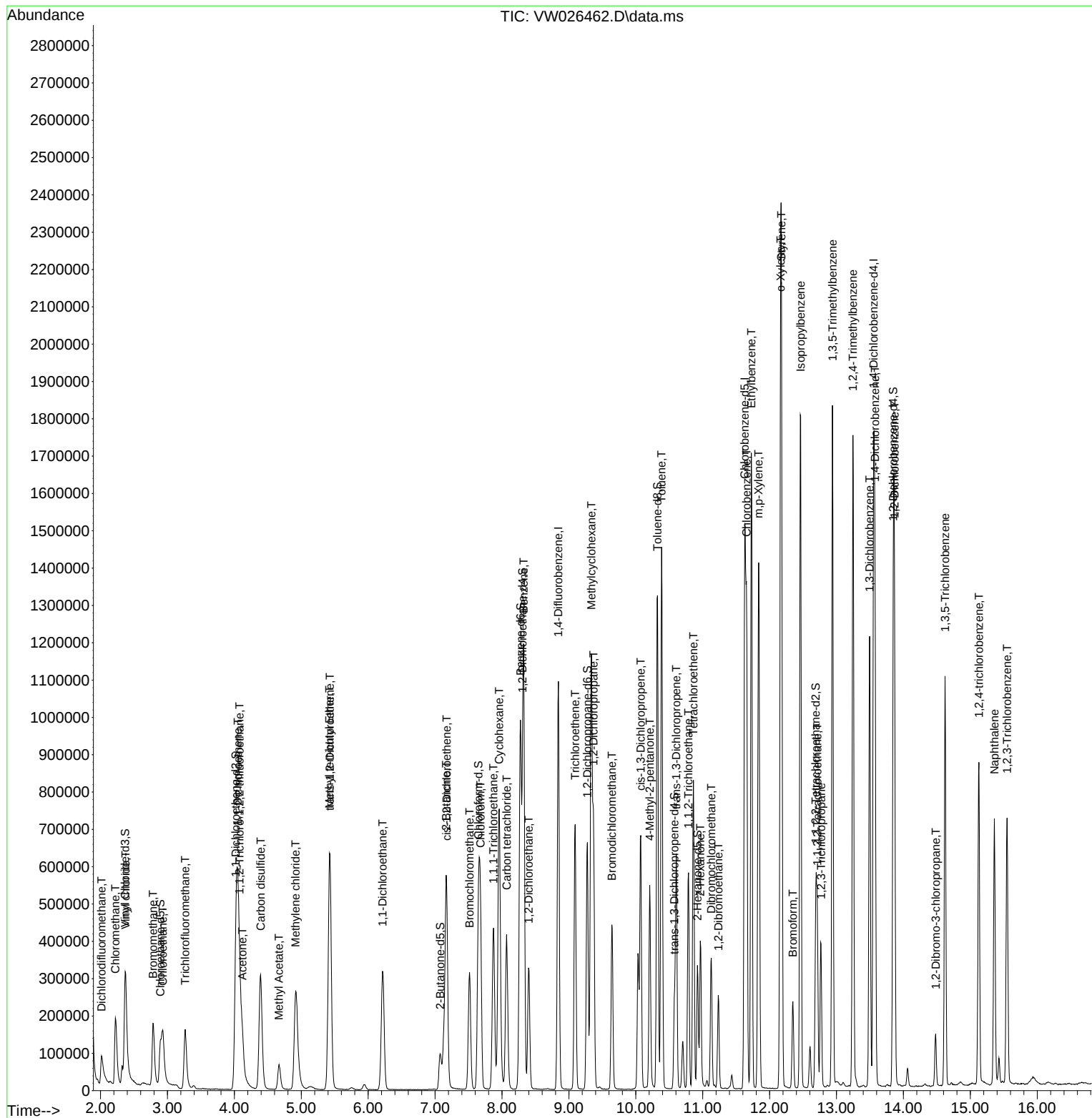
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	296544	20.337	ug/L	98
29) Cyclohexane	7.959	56	472386	21.525	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	350147	21.232	ug/L	99
31) Carbon tetrachloride	8.069	117	314198	21.162	ug/L	100
33) Benzene	8.325	78	1020928	21.059	ug/L	100
34) Trichloroethene	9.093	95	257374	20.841	ug/L	96
35) Methylcyclohexane	9.337	83	474385	21.562	ug/L	100
37) 1,2-Dichloropropane	9.367	63	270261	21.000	ug/L	100
38) Bromodichloromethane	9.642	83	304621	21.089	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	412279	21.403	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	380362	43.045	ug/L	99
42) Toluene	10.386	91	1049947	21.169	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	336995	21.407	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	183980	20.986	ug/L	98
46) Tetrachloroethene	10.861	164	181879	20.832	ug/L	93
48) 2-Hexanone	10.965	43	270151	45.549	ug/L	98
49) Dibromochloromethane	11.129	129	185522	21.247	ug/L	98
50) 1,2-Dibromoethane	11.233	107	171297	21.249	ug/L	94
51) Chlorobenzene	11.654	112	644960	21.017	ug/L	99
52) Ethylbenzene	11.727	91	1188102	21.288	ug/L	98
53) m,p-Xylene	11.837	106	443655	21.438	ug/L	99
54) o-Xylene	12.166	106	416215	21.685	ug/L	93
55) Styrene	12.178	104	719008	21.946	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	227610	21.262	ug/L	98
59) Bromoform	12.349	173	107080	21.238	ug/L	99
60) Isopropylbenzene	12.464	105	1171958	21.102	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	168579	20.256	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	940887	21.305	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	944789	21.898	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	478323	20.527	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	472537	20.390	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	419619	19.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	37603	19.717	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	308019	19.418	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	262671	19.133	ug/L	99
71) Naphthalene	15.360	128	570329	20.380	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	227487	19.268	ug/L	98

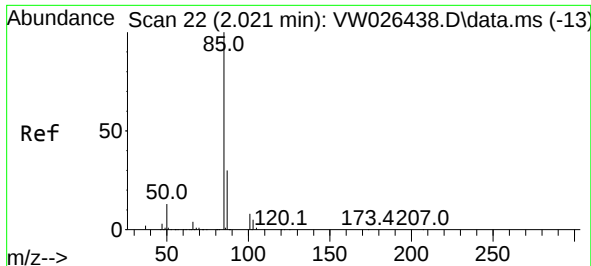
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026462.D
 Acq On : 30 Jun 2023 10:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Jun 30 23:36:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

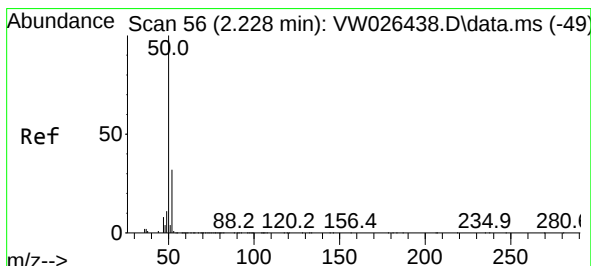
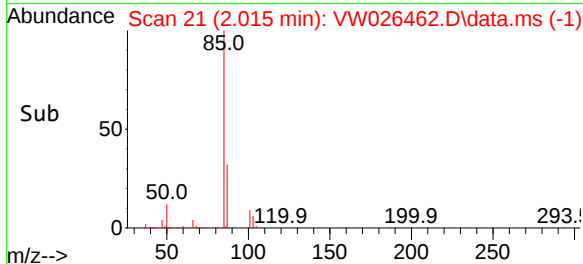
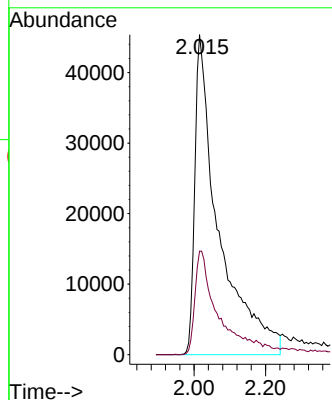
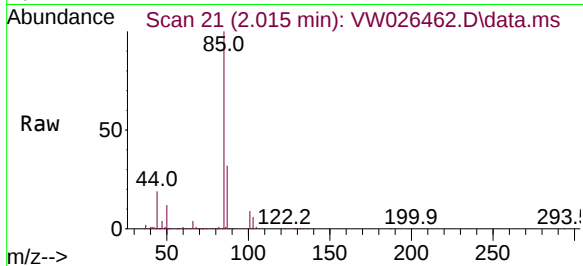




#2
 Dichlorodifluoromethane
 Concen: 23.787 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

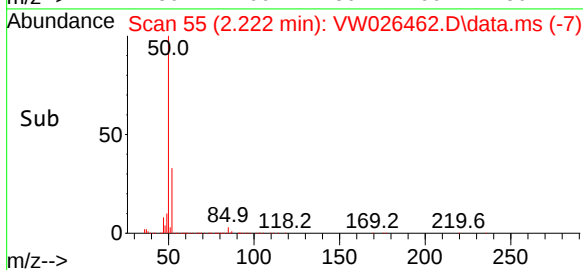
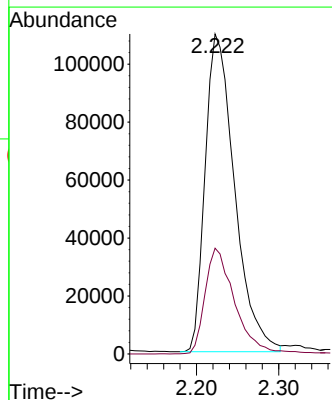
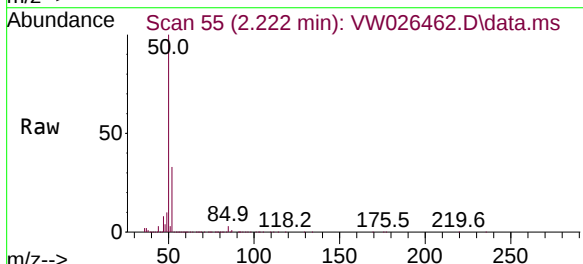
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

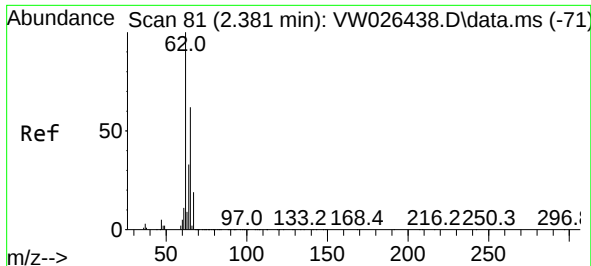
Tgt Ion: 85 Resp: 210398
 Ion Ratio Lower Upper
 85 100
 87 28.1 19.0 28.4



#3
 Chloromethane
 Concen: 21.889 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

Tgt Ion: 50 Resp: 272921
 Ion Ratio Lower Upper
 50 100
 52 33.0 21.7 40.3

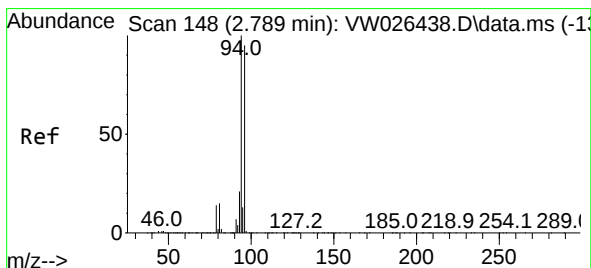
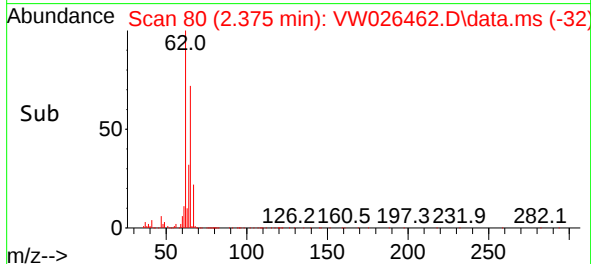
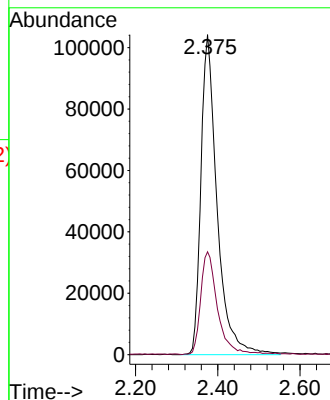
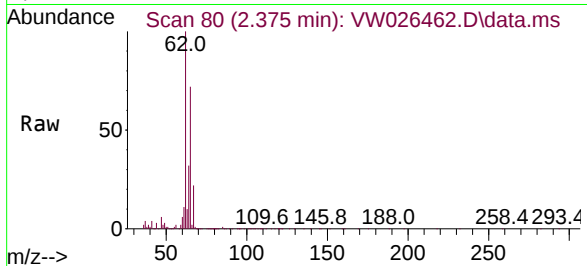




#5
 Vinyl chloride
 Concen: 22.100 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

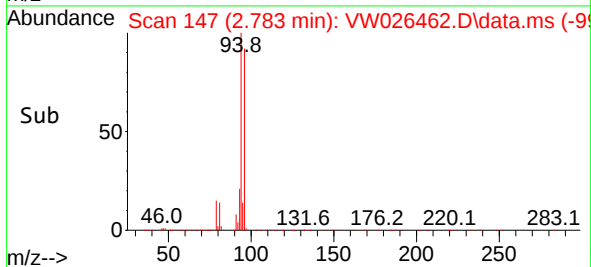
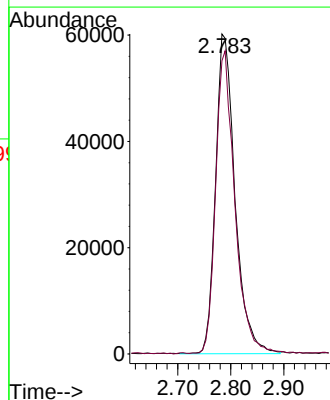
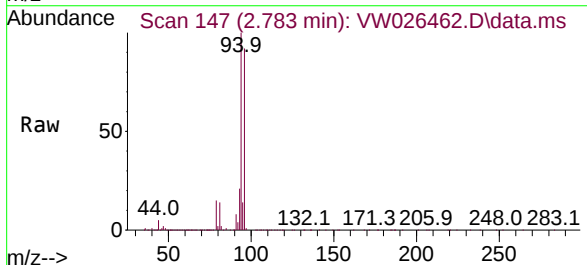
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

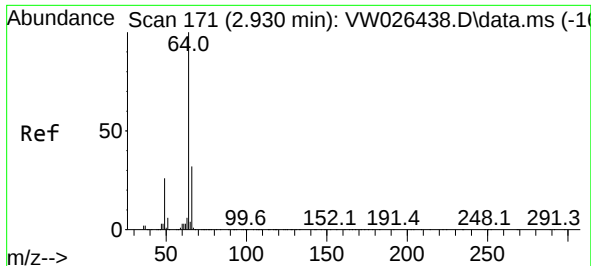
Tgt Ion: 62 Resp: 283981
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.8



#6
 Bromomethane
 Concen: 20.985 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

Tgt Ion: 94 Resp: 153350
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.3 119.3

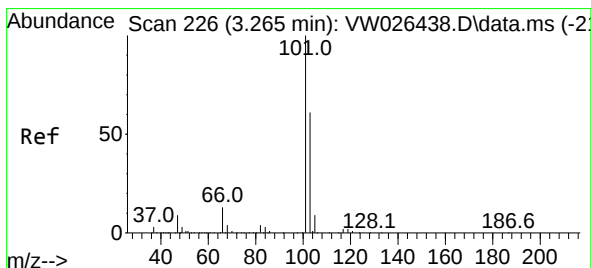
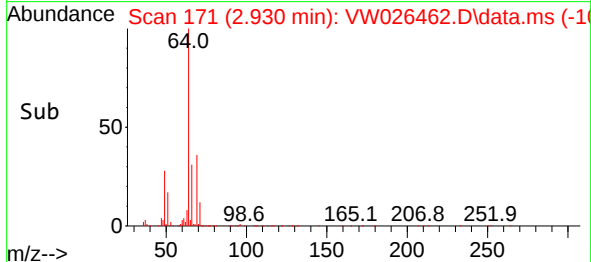
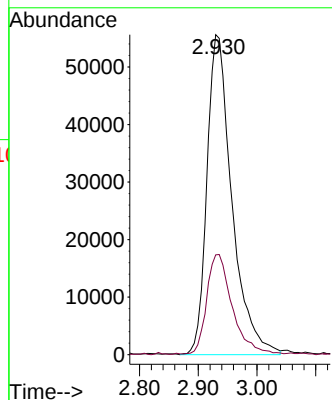
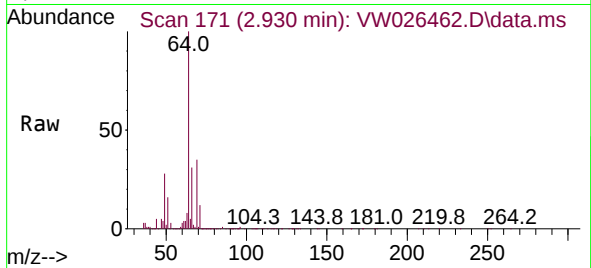




#8
Chloroethane
Concen: 21.061 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

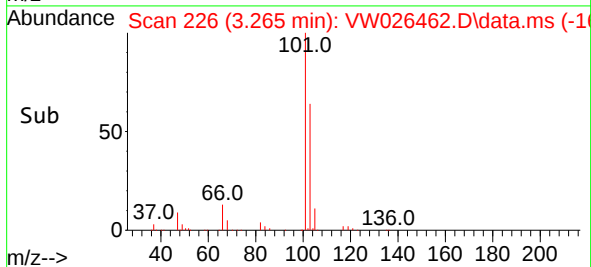
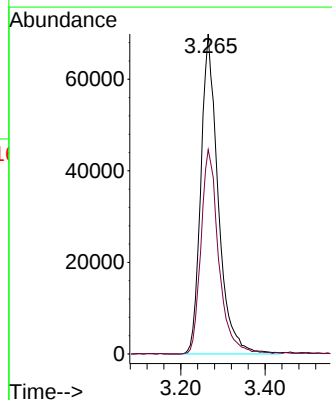
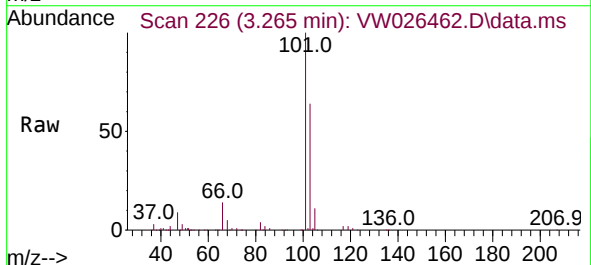
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

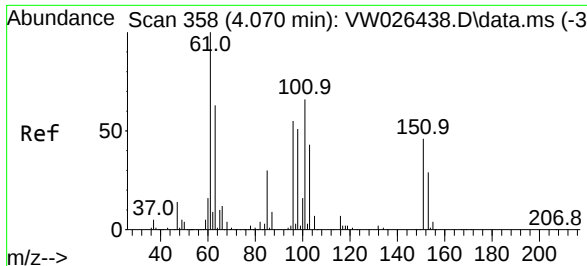
Tgt Ion: 64 Resp: 164140
Ion Ratio Lower Upper
64 100
66 31.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 21.388 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion:101 Resp: 199844
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

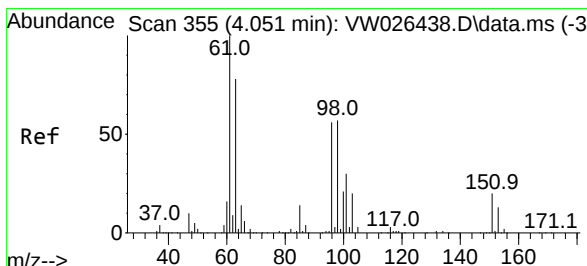
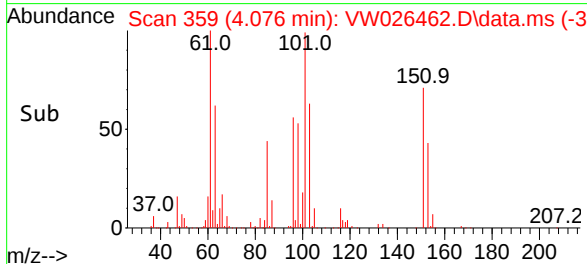
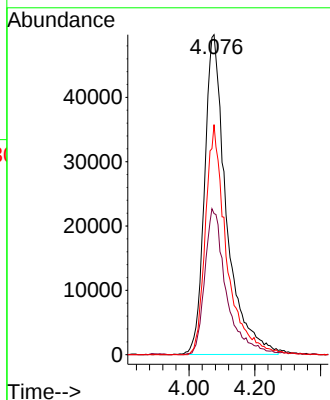
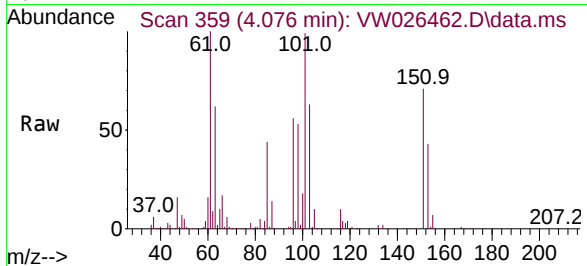




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.169 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

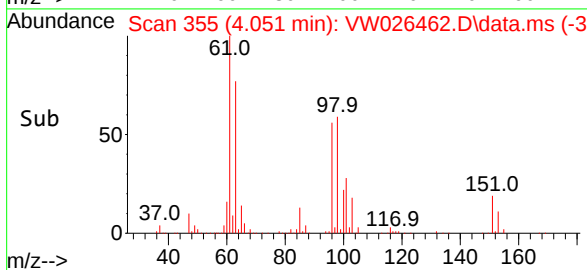
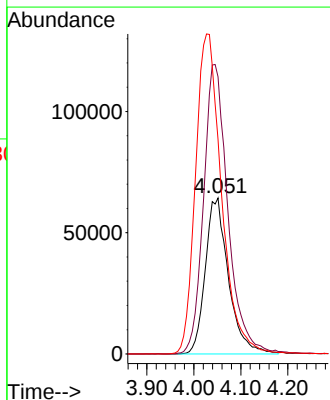
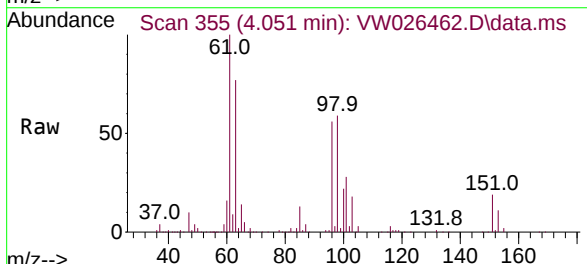
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

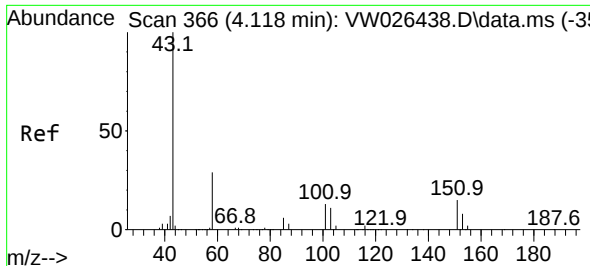
Tgt Ion:101 Resp: 229915
 Ion Ratio Lower Upper
 101 100
 85 41.3 34.1 51.1
 151 66.7 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 21.746 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

Tgt Ion: 96 Resp: 220742
 Ion Ratio Lower Upper
 96 100
 61 177.6 134.0 248.8
 63 137.4 117.1 217.5





#13

Acetone

Concen: 41.482 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

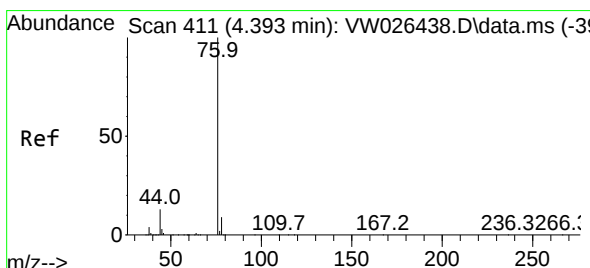
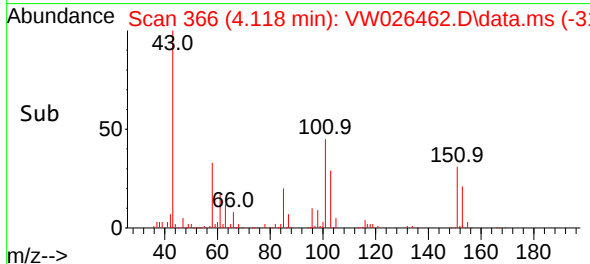
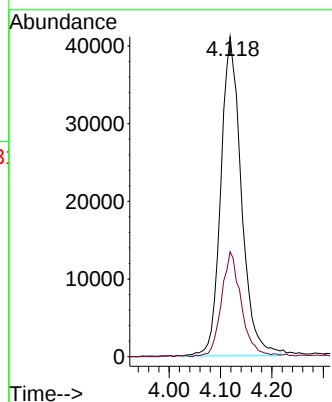
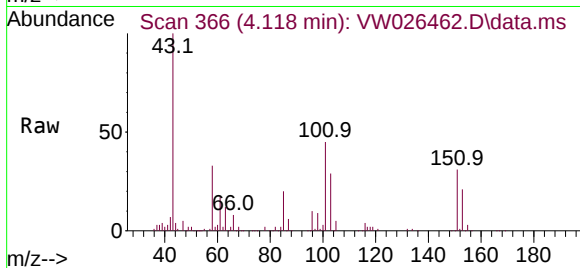
VSTD025545

Tgt Ion: 43 Resp: 114296

Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.2



#14

Carbon disulfide

Concen: 21.609 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW026462.D

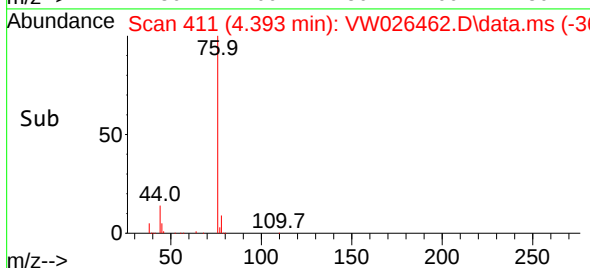
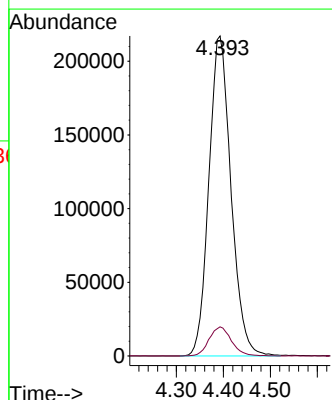
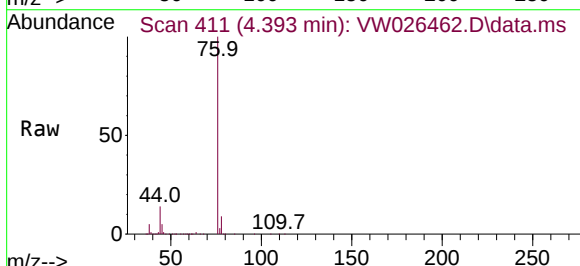
Acq: 30 Jun 2023 10:26

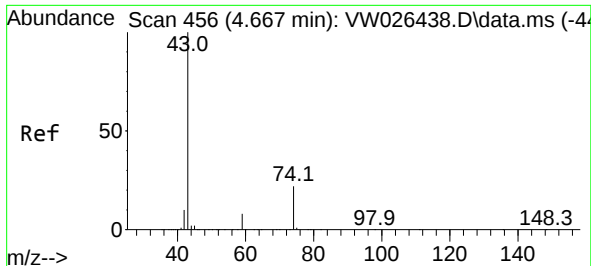
Tgt Ion: 76 Resp: 709866

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

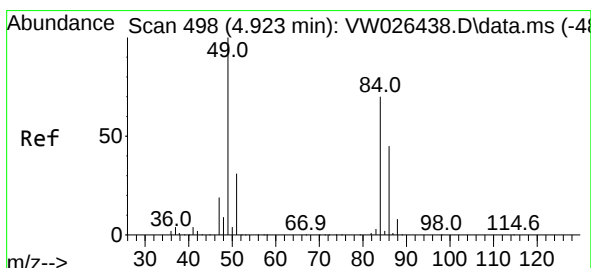
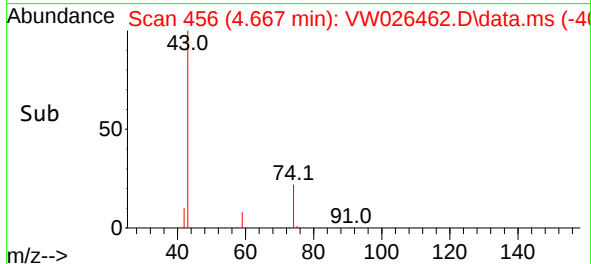
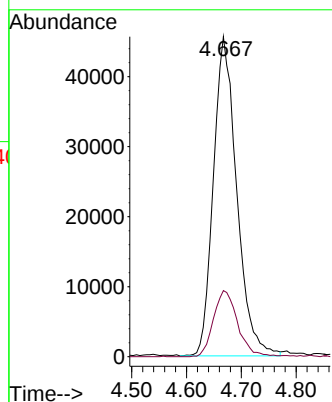
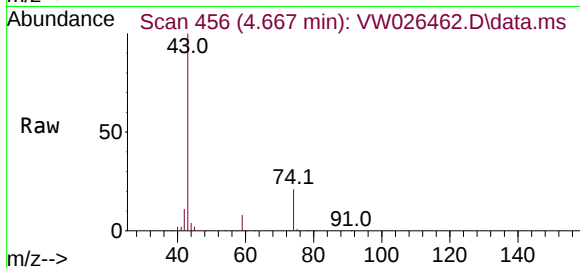




#15
Methyl Acetate
Concen: 22.549 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

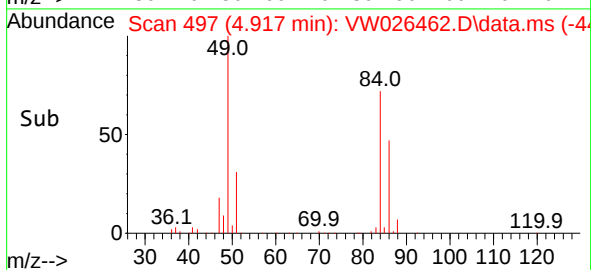
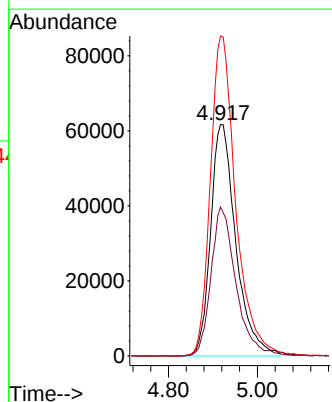
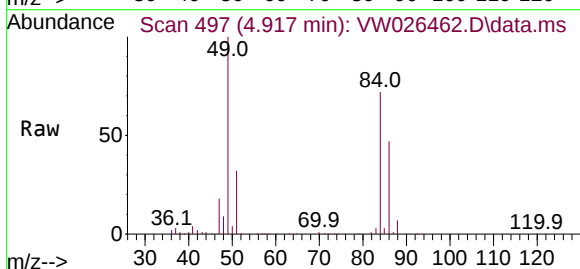
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

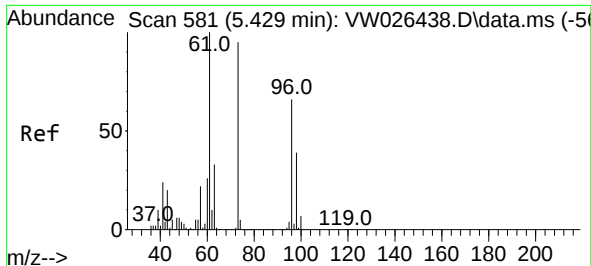
Tgt Ion: 43 Resp: 134902
Ion Ratio Lower Upper
43 100
74 21.4 16.6 24.8



#16
Methylene chloride
Concen: 15.870 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion: 84 Resp: 243063
Ion Ratio Lower Upper
84 100
86 64.3 44.1 81.9
49 138.2 94.1 174.8





#17

trans-1,2-Dichloroethene

Concen: 21.973 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

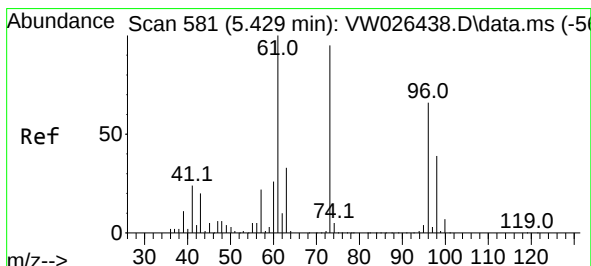
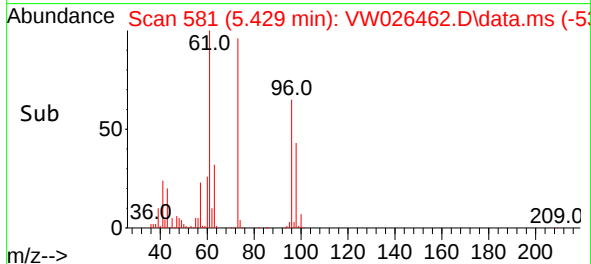
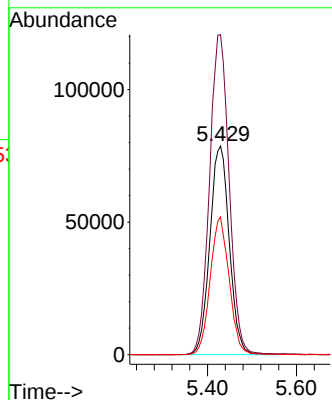
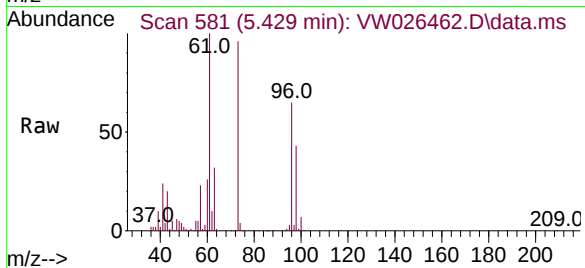
Tgt Ion: 96 Resp: 239930

Ion Ratio Lower Upper

96 100

61 153.4 105.2 195.4

98 66.0 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 22.720 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

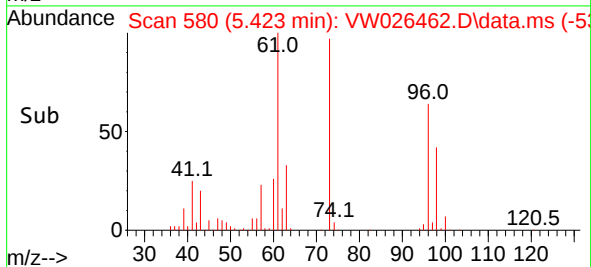
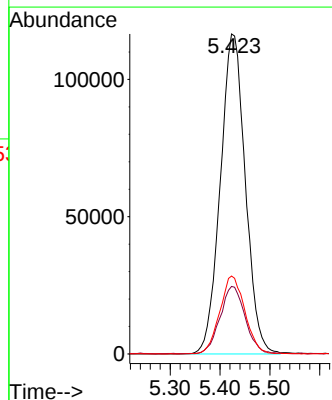
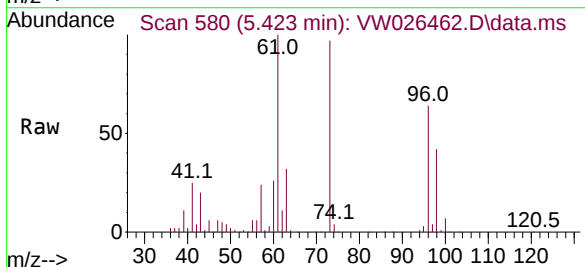
Tgt Ion: 73 Resp: 405419

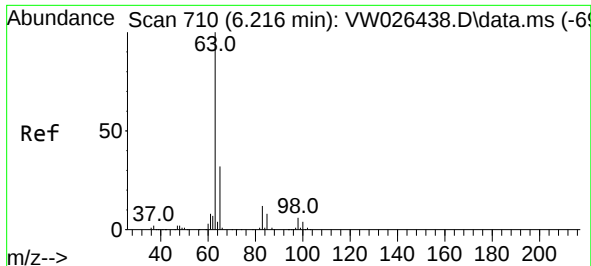
Ion Ratio Lower Upper

73 100

43 21.4 16.6 25.0

57 24.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.036 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

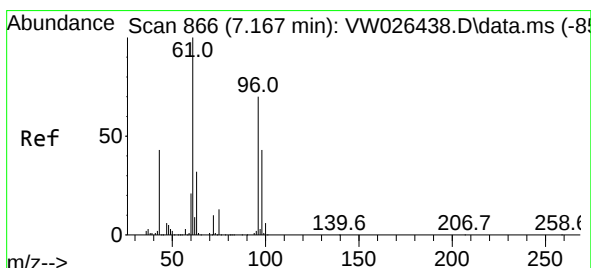
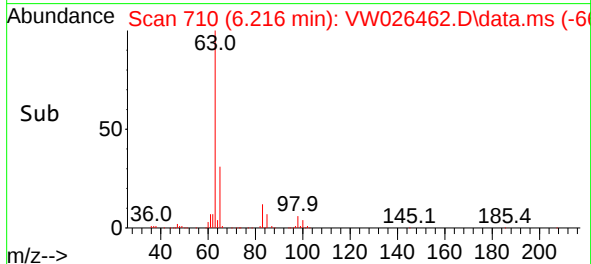
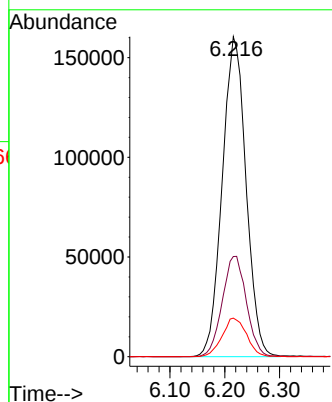
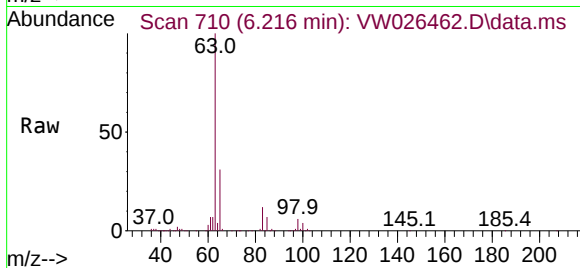
Tgt Ion: 63 Resp: 484158

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 12.1 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 21.196 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

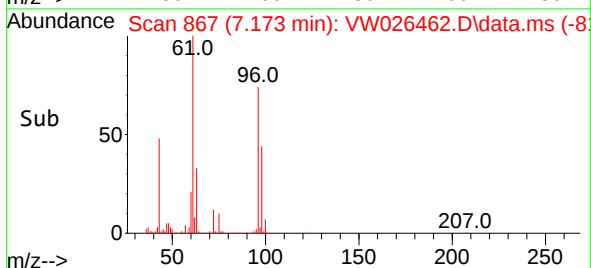
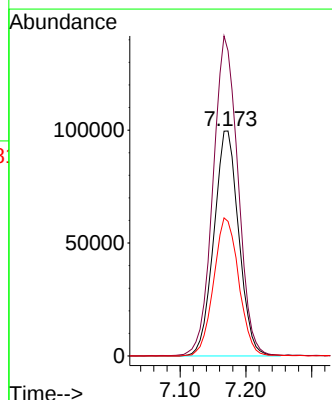
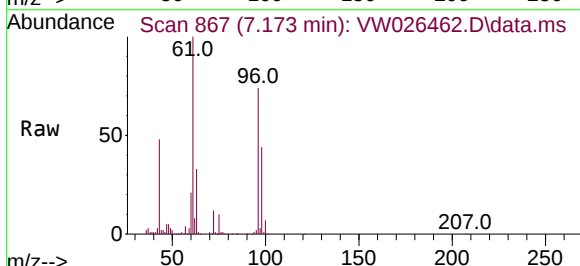
Tgt Ion: 96 Resp: 262157

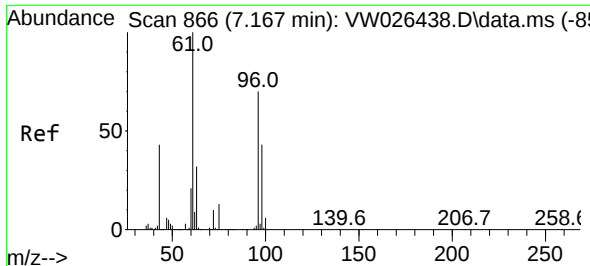
Ion Ratio Lower Upper

96 100

61 135.7 99.3 184.5

98 59.8 44.3 82.3

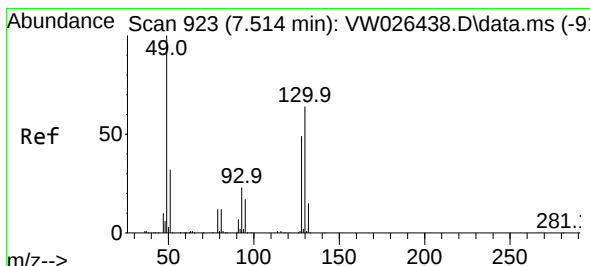
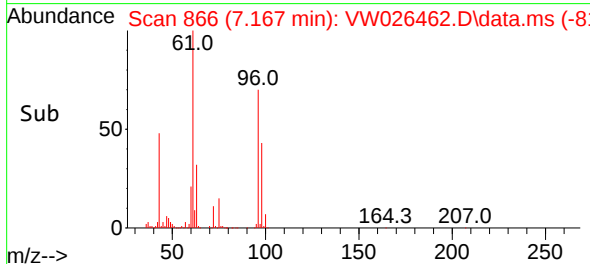
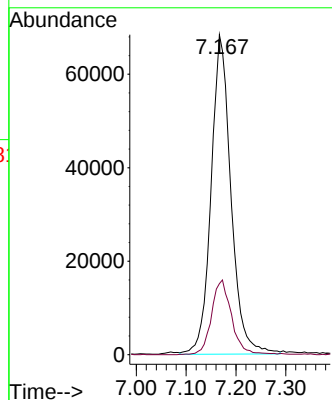
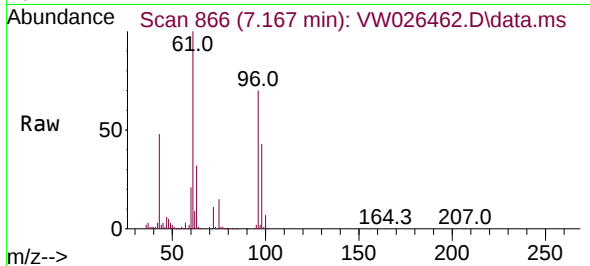




#22
2-Butanone
Concen: 41.917 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

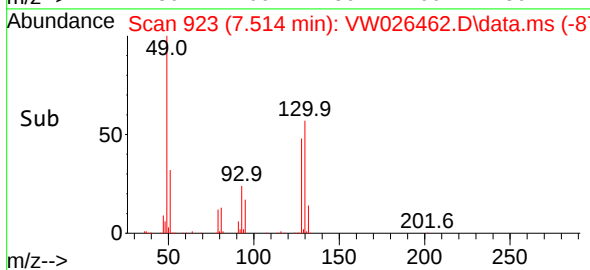
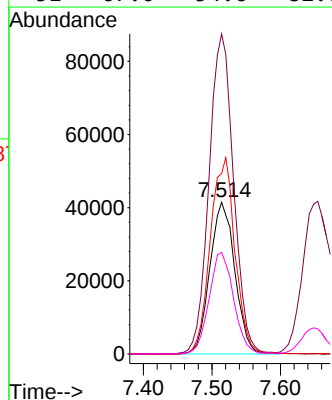
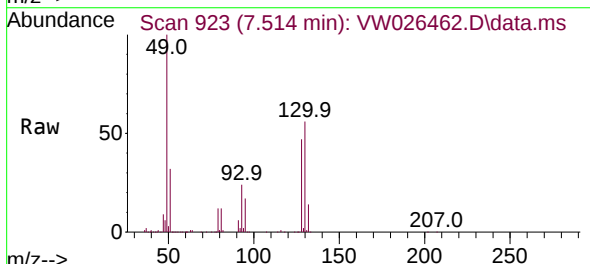
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

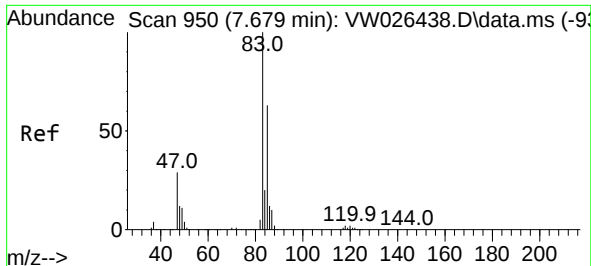
Tgt Ion: 43 Resp: 189354
Ion Ratio Lower Upper
43 100
72 23.5 12.6 37.8



#23
Bromochloromethane
Concen: 20.441 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion: 128 Resp: 105146
Ion Ratio Lower Upper
128 100
49 211.1 149.2 277.2
130 119.0 89.2 165.8
51 67.0 54.6 82.0

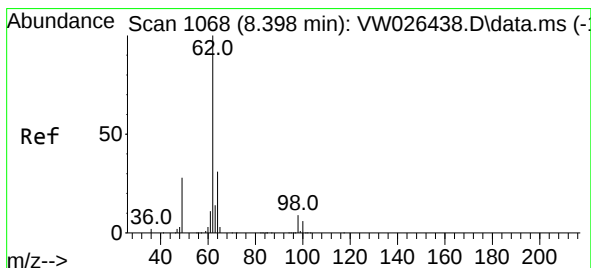
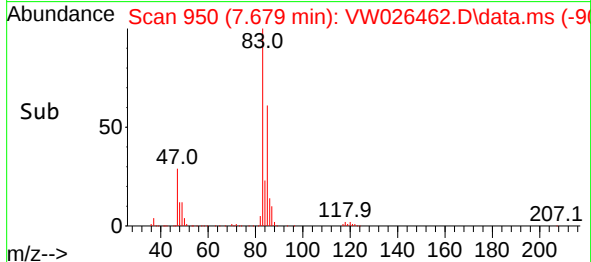
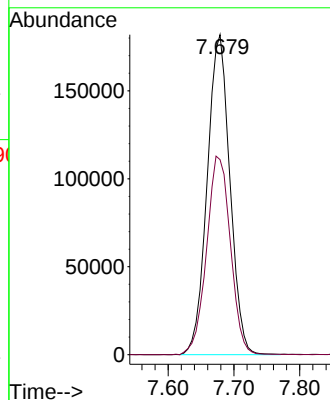
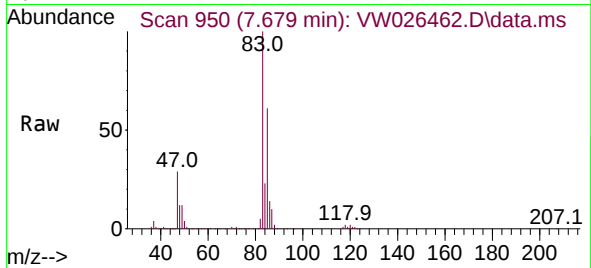




#25
Chloroform
Concen: 20.497 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

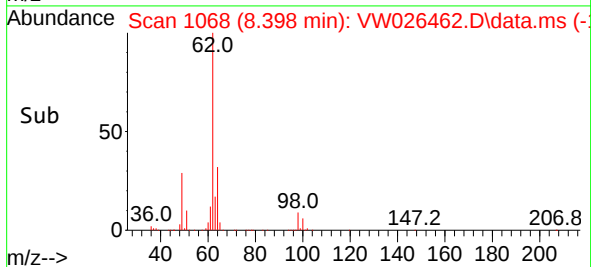
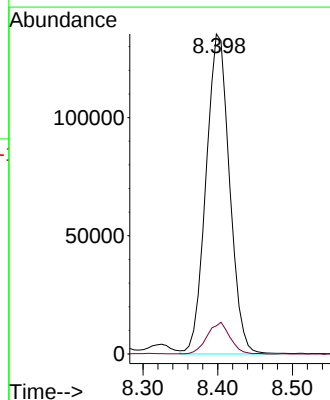
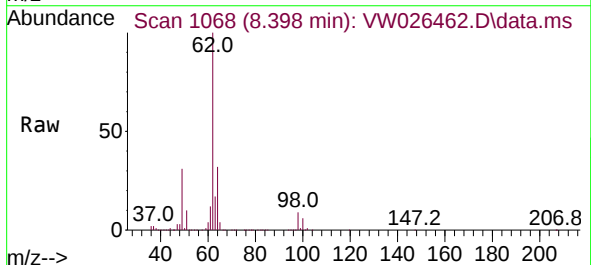
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

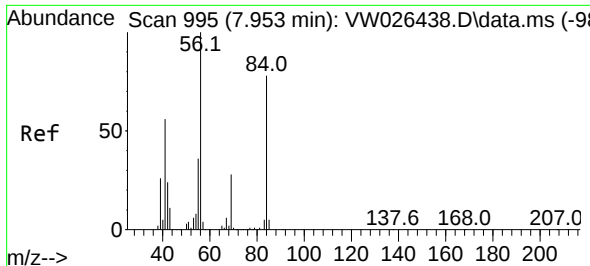
Tgt Ion: 83 Resp: 437114
Ion Ratio Lower Upper
83 100
85 61.0 44.4 82.4



#27
1,2-Dichloroethane
Concen: 20.337 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

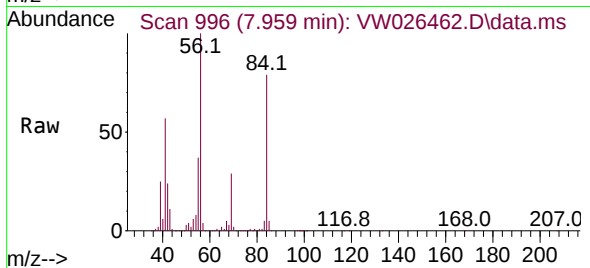
Tgt Ion: 62 Resp: 296544
Ion Ratio Lower Upper
62 100
98 8.8 7.6 11.4



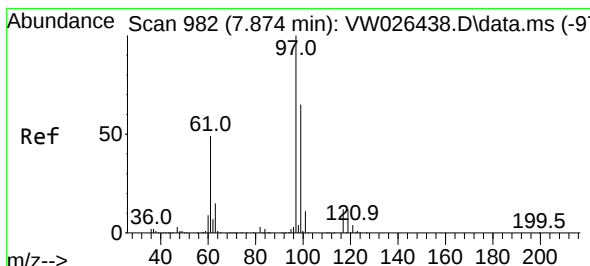
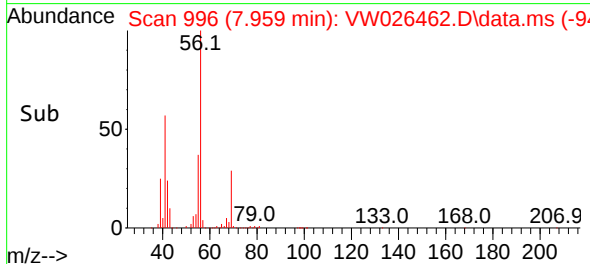
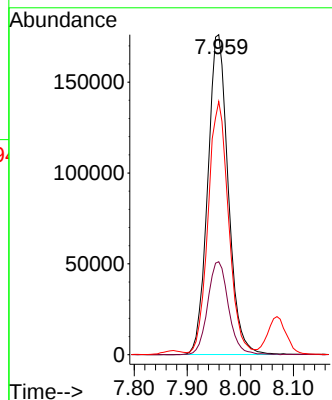


#29
Cyclohexane
Concen: 21.525 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

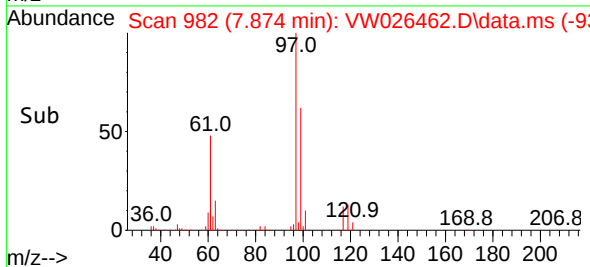
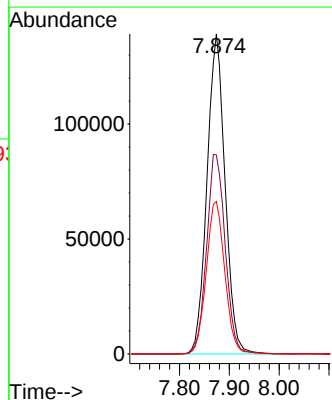
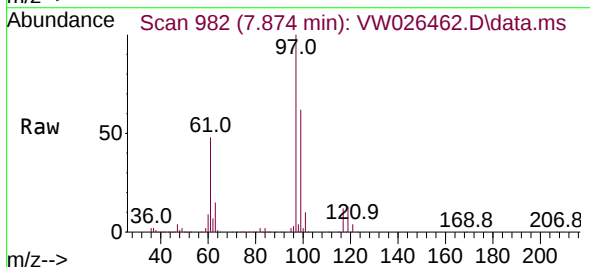


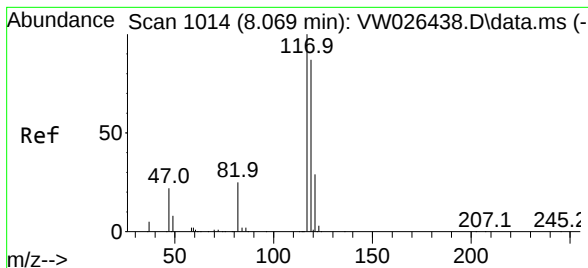
Tgt Ion: 56 Resp: 472386
Ion Ratio Lower Upper
56 100
69 29.4 23.2 34.8
84 79.3 63.5 95.3



#30
1,1,1-Trichloroethane
Concen: 21.232 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion: 97 Resp: 350147
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 48.6 39.5 59.3

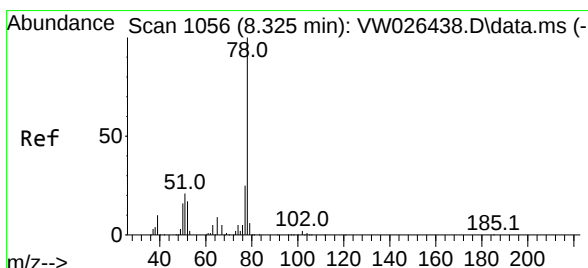
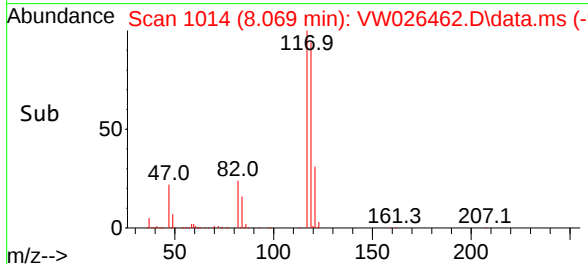
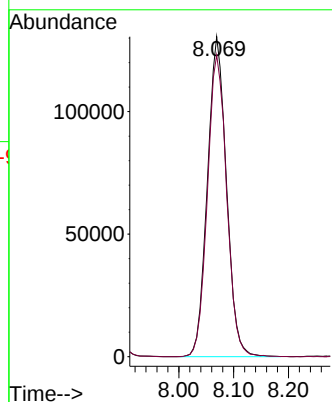
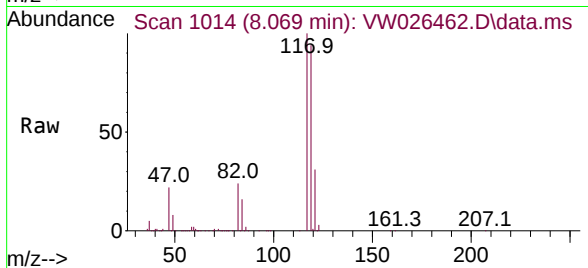




#31
Carbon tetrachloride
Concen: 21.162 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

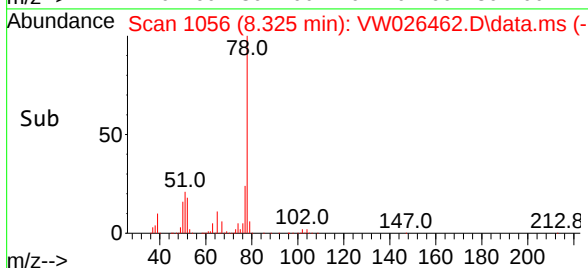
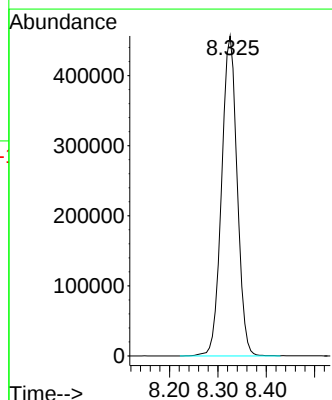
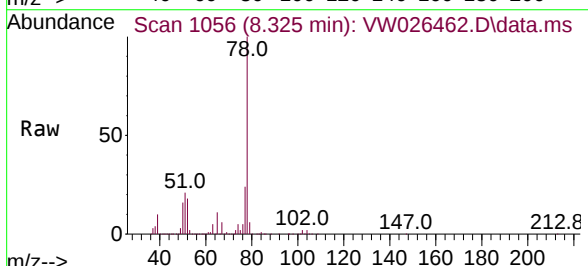
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

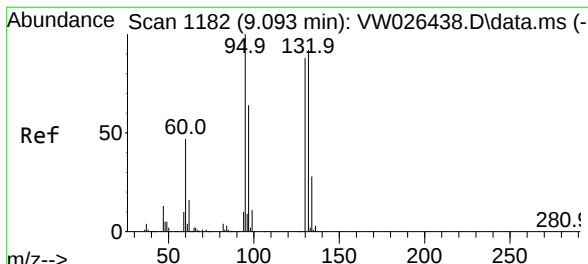
Tgt Ion:117 Resp: 314198
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2



#33
Benzene
Concen: 21.059 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion: 78 Resp: 1020928



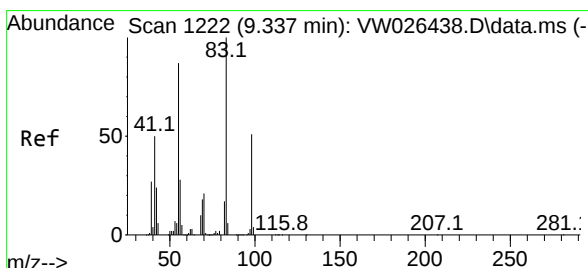
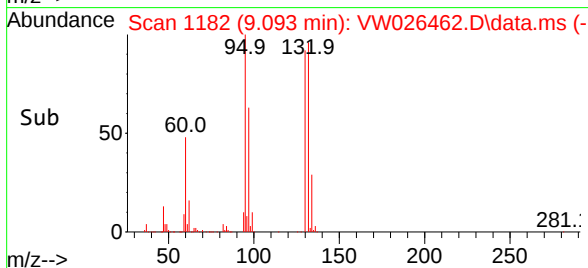
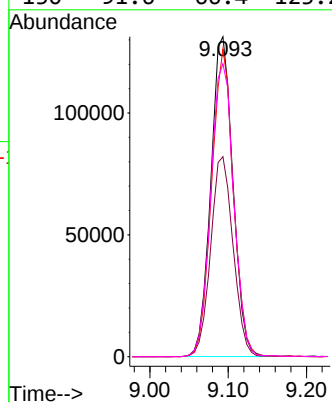
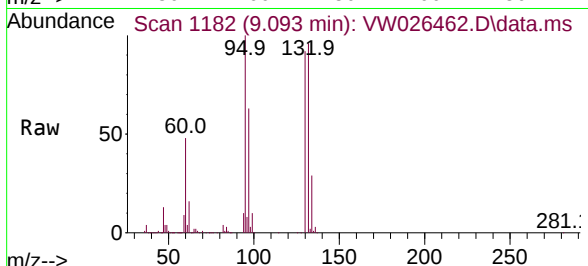


#34
 Trichloroethene
 Concen: 20.841 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Tgt Ion: 95 Resp: 257374

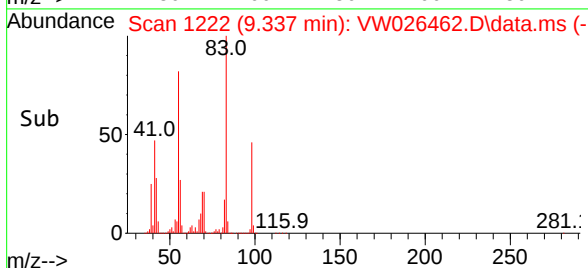
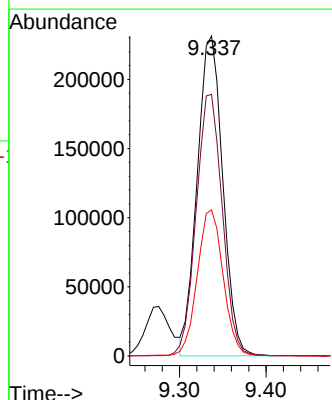
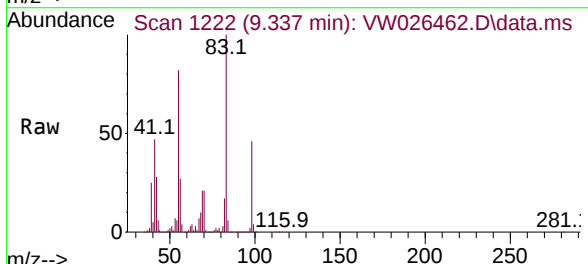
Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.1	81.9
132	96.1	61.8	114.8
130	91.6	66.4	123.2

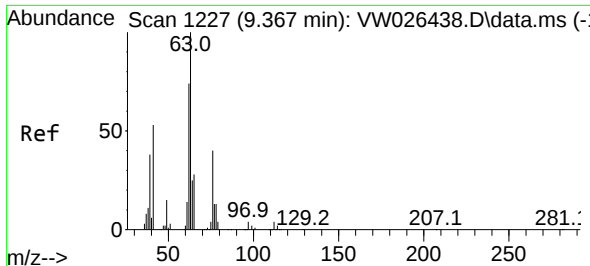


#35
 Methylcyclohexane
 Concen: 21.562 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

Tgt Ion: 83 Resp: 474385

Ion	Ratio	Lower	Upper
83	100		
55	83.6	66.5	99.7
98	46.3	37.0	55.6





#37

1,2-Dichloropropane

Concen: 21.000 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

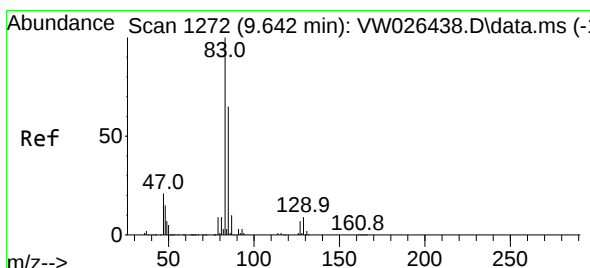
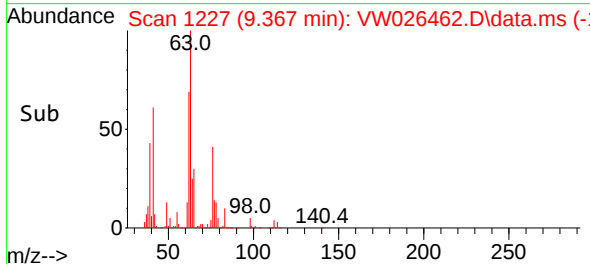
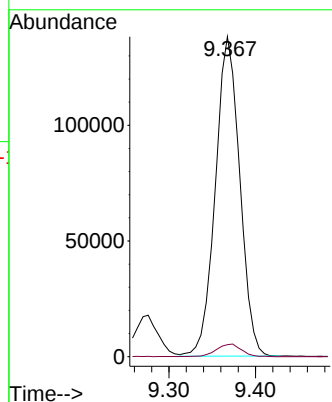
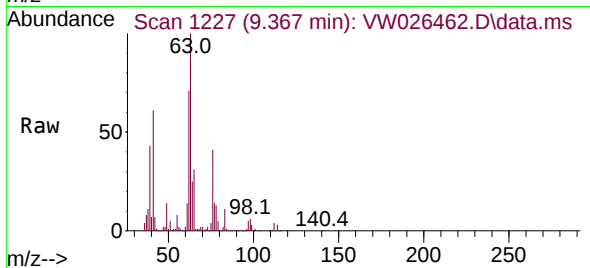
VSTD025545

Tgt Ion: 63 Resp: 270261

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 21.089 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

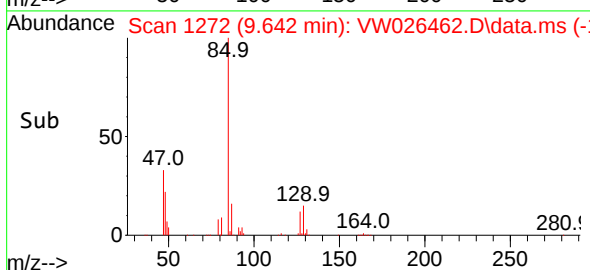
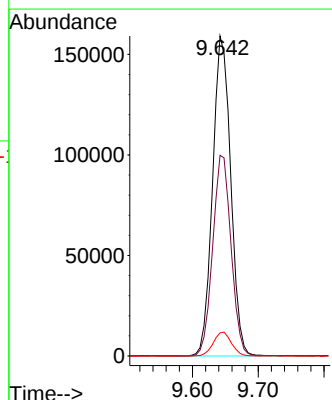
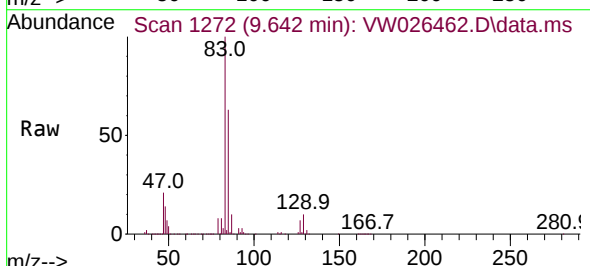
Tgt Ion: 83 Resp: 304621

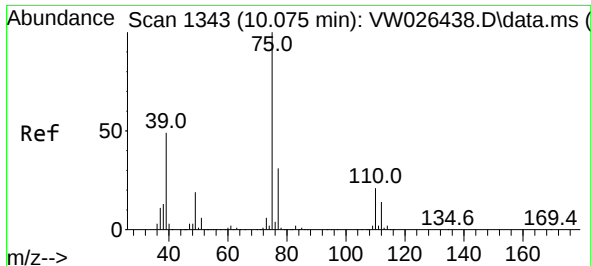
Ion Ratio Lower Upper

83 100

85 62.7 45.1 83.7

127 7.2 5.9 8.9

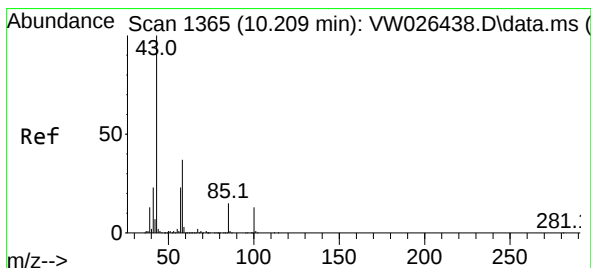
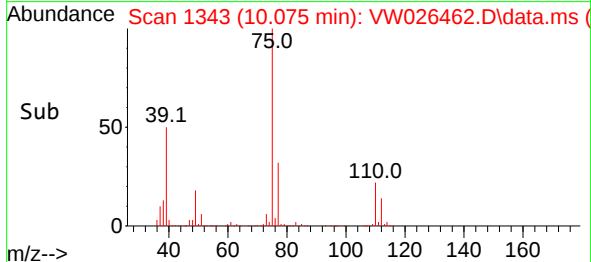
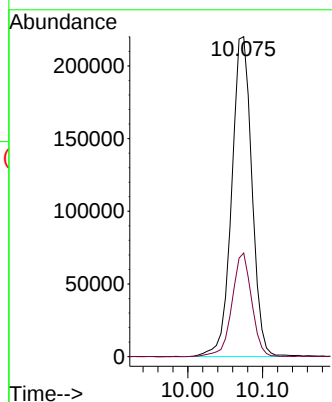
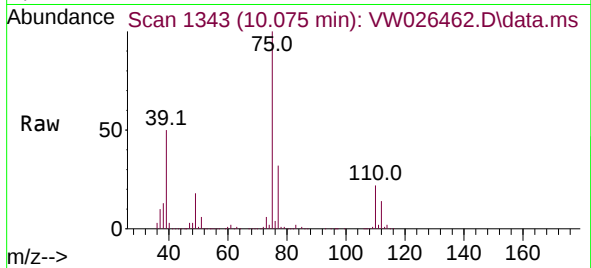




#39
 cis-1,3-Dichloropropene
 Concen: 21.403 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

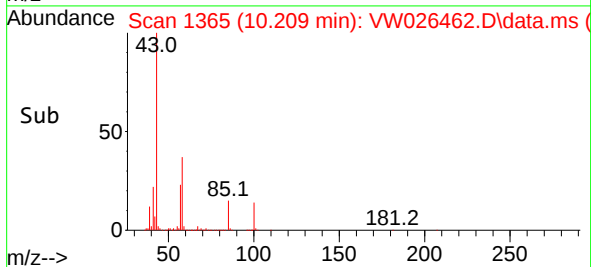
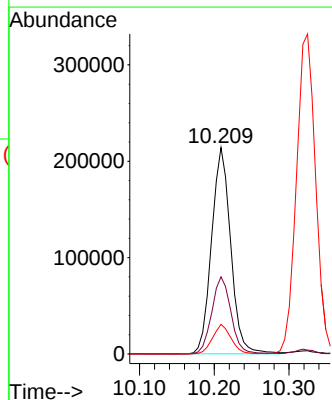
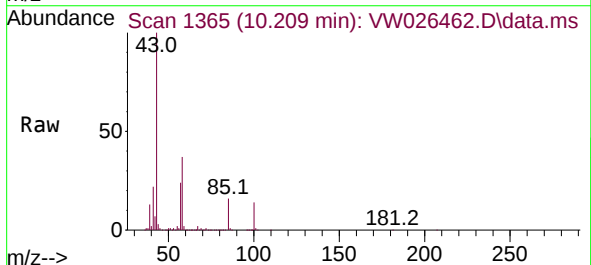
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

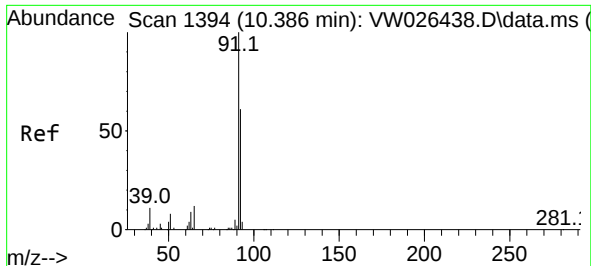
Tgt Ion: 75 Resp: 412279
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 43.045 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026462.D
 Acq: 30 Jun 2023 10:26

Tgt Ion: 43 Resp: 380362
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.7 44.5
 100 13.9 10.9 16.3

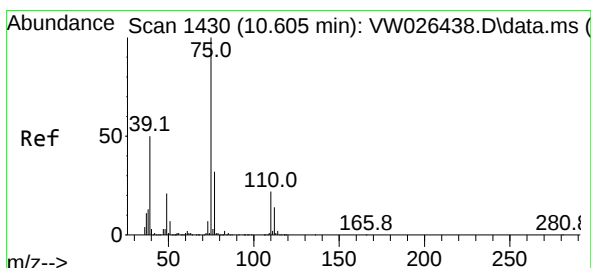
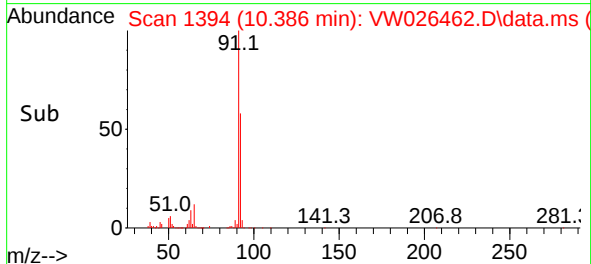
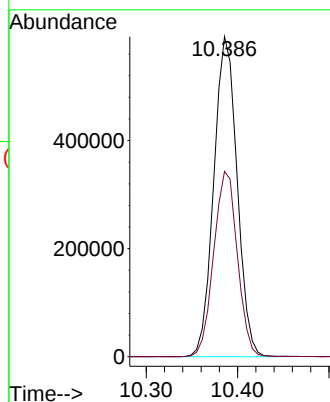
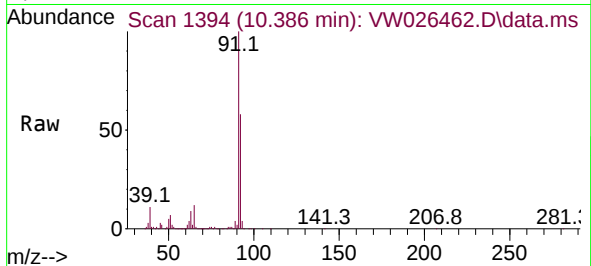




#42
Toluene
Concen: 21.169 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

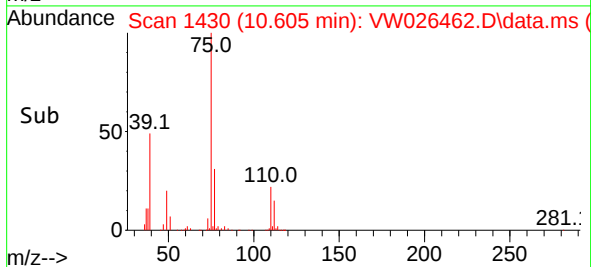
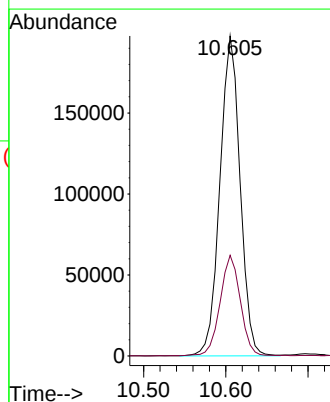
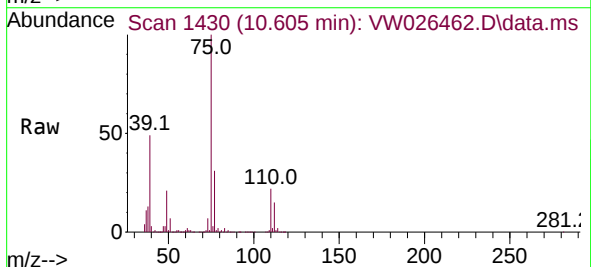
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

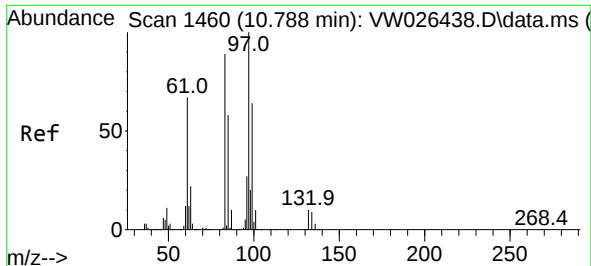
Tgt Ion: 91 Resp: 1049947
Ion Ratio Lower Upper
91 100
92 57.9 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 21.407 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion: 75 Resp: 336995
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6



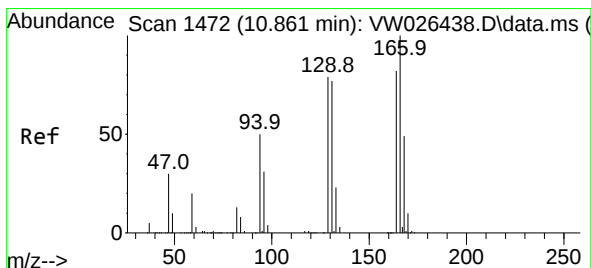
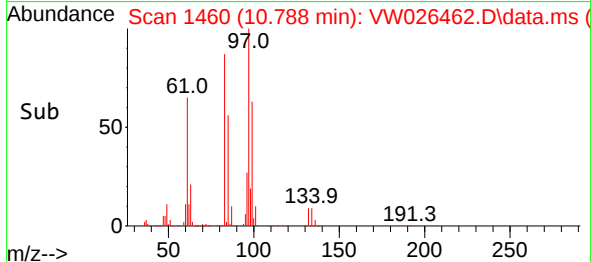
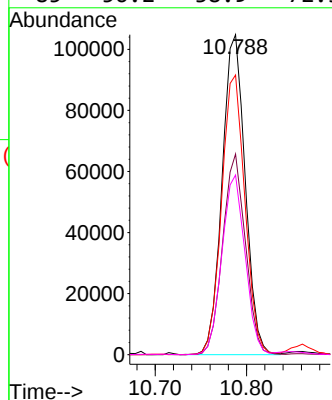
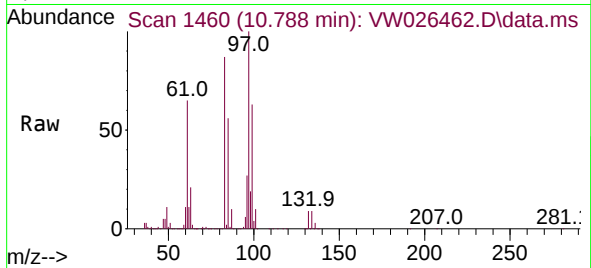


#45
1,1,2-Trichloroethane
Concen: 20.986 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

Tgt Ion: 97 Resp: 183980

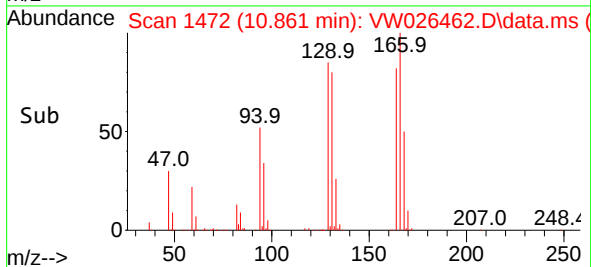
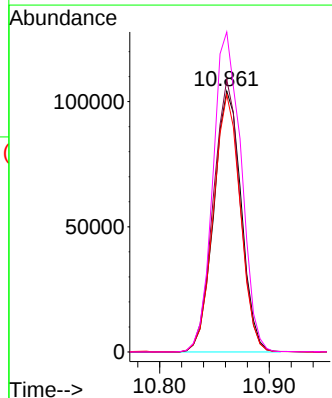
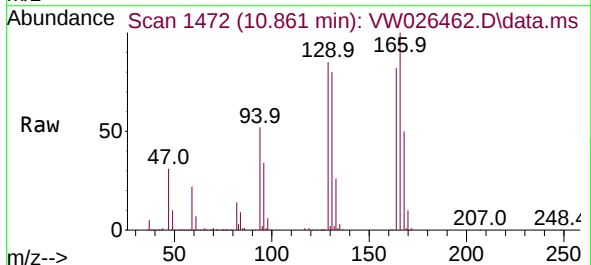
Ion	Ratio	Lower	Upper
97	100		
99	62.7	42.1	78.3
83	87.4	60.5	112.5
85	56.2	38.9	72.3

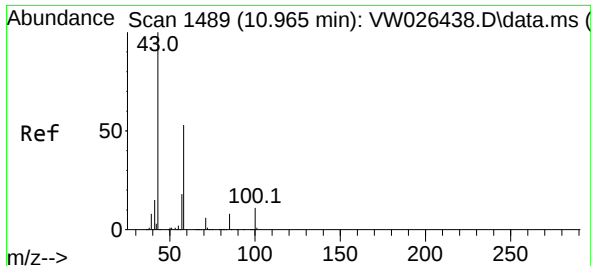


#46
Tetrachloroethene
Concen: 20.832 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion: 164 Resp: 181879

Ion	Ratio	Lower	Upper
164	100		
129	104.4	69.0	128.2
131	98.7	62.6	116.3
166	122.7	90.6	168.3

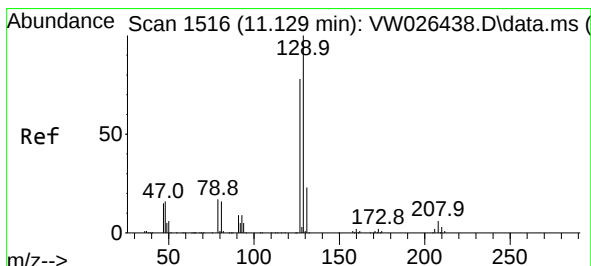
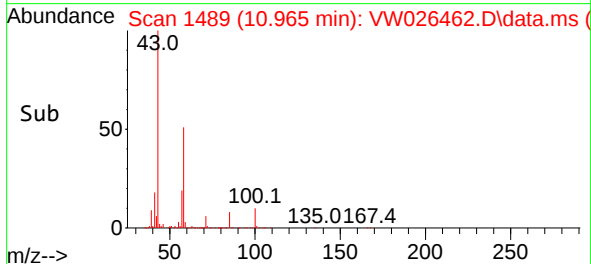
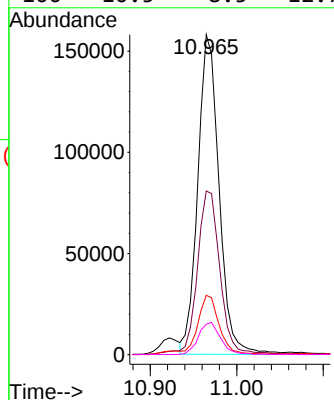
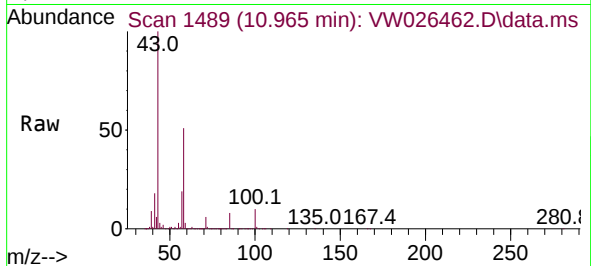




#48
2-Hexanone
Concen: 45.549 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

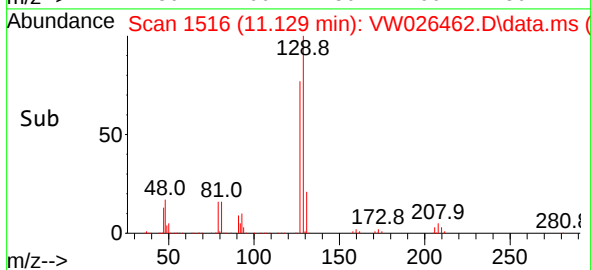
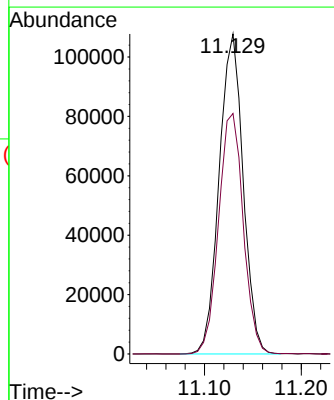
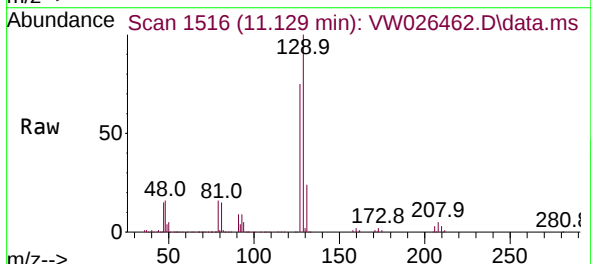
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

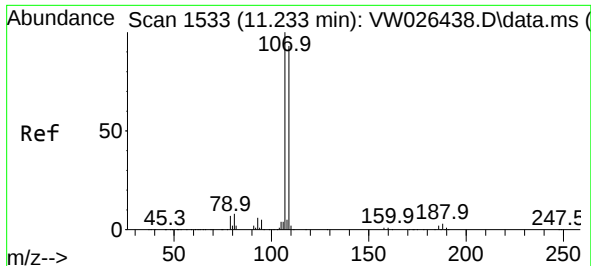
Tgt Ion:	43	Resp:	270151
Ion	Ratio	Lower	Upper
43	100		
58	51.1	42.1	63.1
57	18.4	14.5	21.7
100	10.5	8.5	12.7



#49
Dibromochloromethane
Concen: 21.247 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion:	129	Resp:	185522
Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.0	100.4

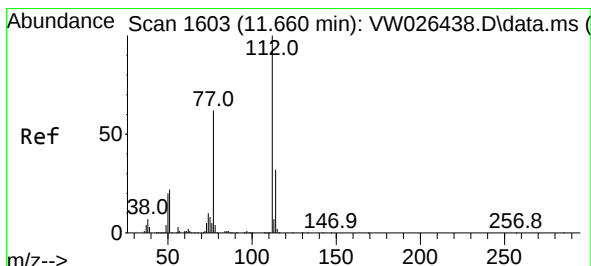
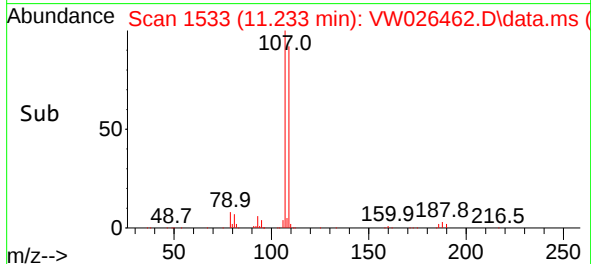
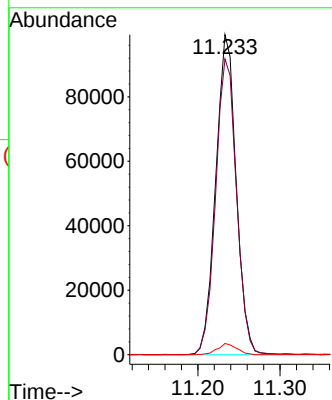
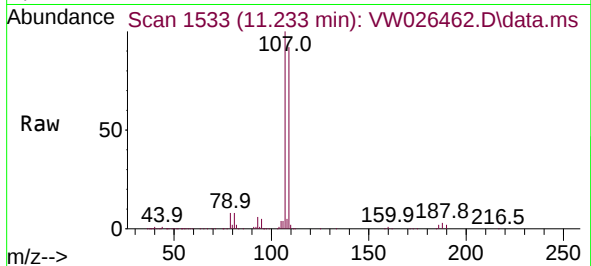




#50
1,2-Dibromoethane
Concen: 21.249 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

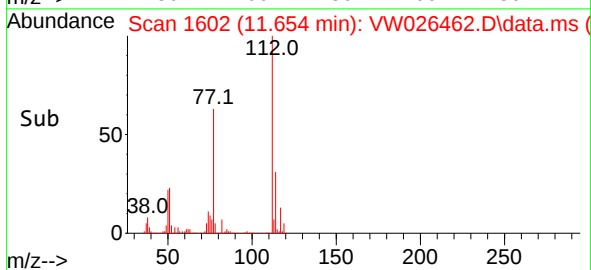
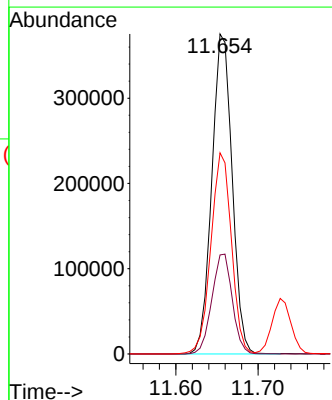
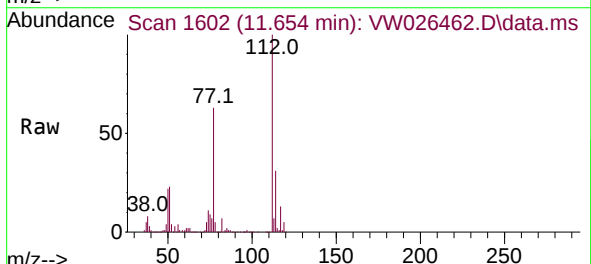
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

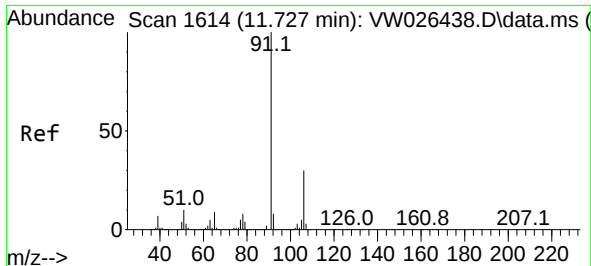
Tgt Ion:107 Resp: 171297
Ion Ratio Lower Upper
107 100
109 92.4 69.0 128.2
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 21.017 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion:112 Resp: 644960
Ion Ratio Lower Upper
112 100
114 30.9 22.3 41.5
77 62.8 49.6 74.4

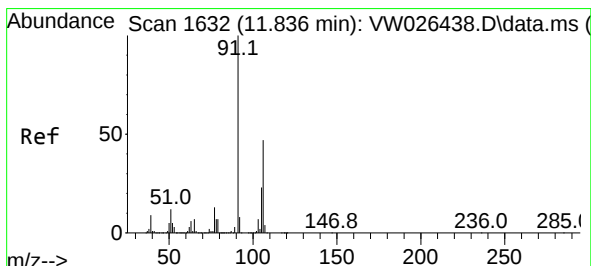
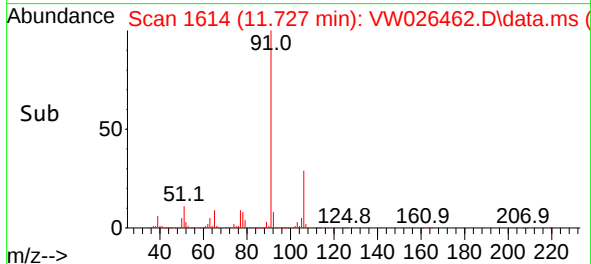
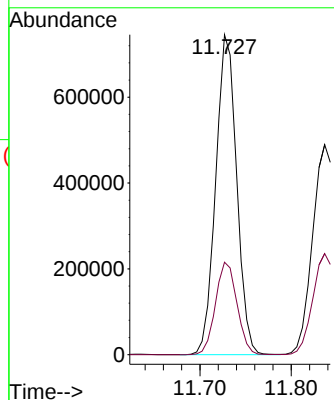
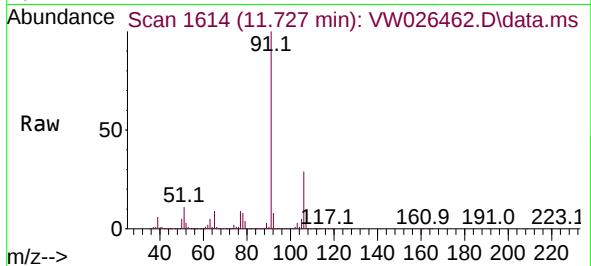




#52
Ethylbenzene
Concen: 21.288 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

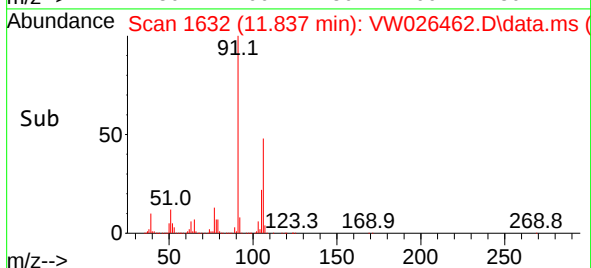
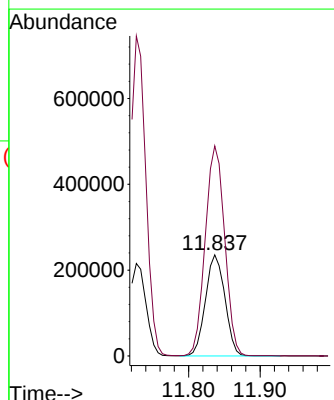
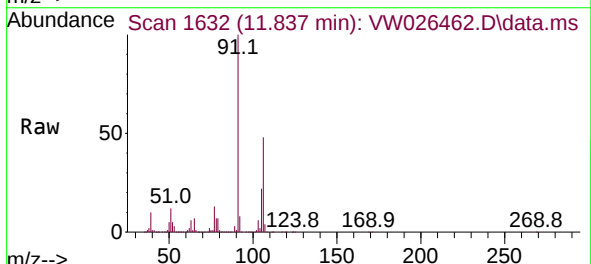
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

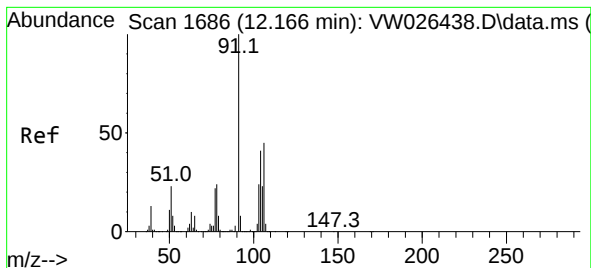
Tgt Ion: 91 Resp: 1188102
Ion Ratio Lower Upper
91 100
106 28.9 20.9 38.7



#53
m,p-Xylene
Concen: 21.438 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion: 106 Resp: 443655
Ion Ratio Lower Upper
106 100
91 207.8 146.7 272.5





#54

o-Xylene

Concen: 21.685 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

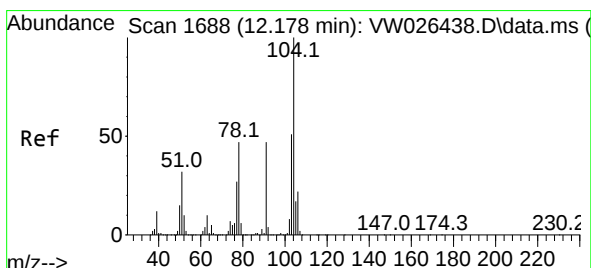
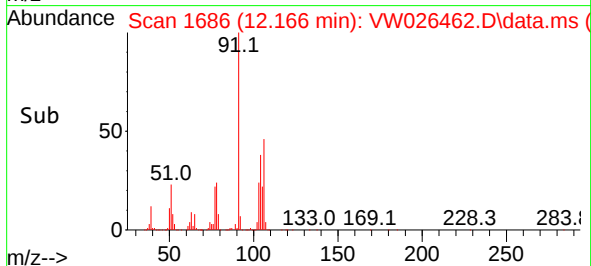
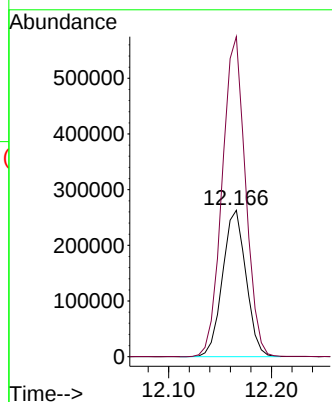
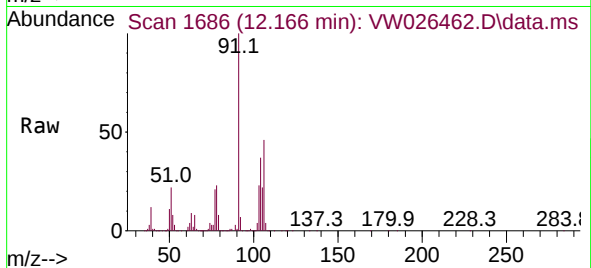
VSTD025545

Tgt Ion:106 Resp: 416215

Ion Ratio Lower Upper

106 100

91 218.6 145.5 270.1



#55

Styrene

Concen: 21.946 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW026462.D

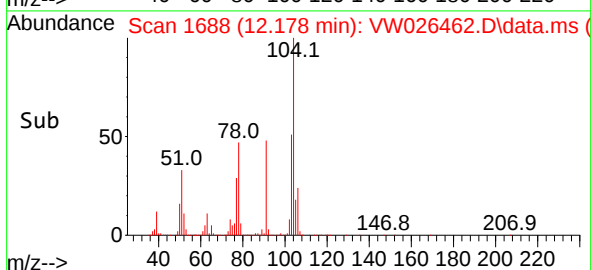
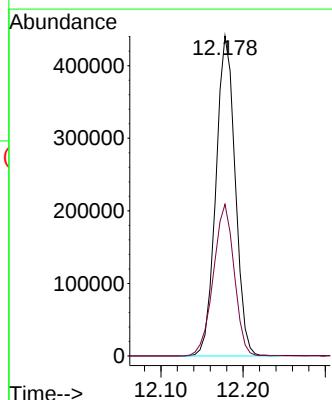
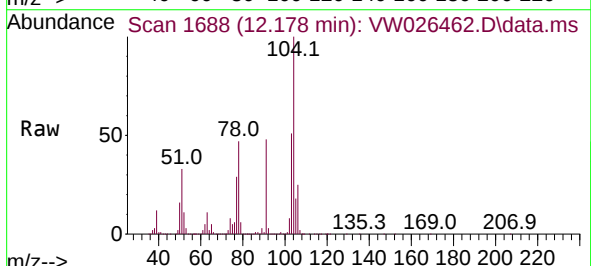
Acq: 30 Jun 2023 10:26

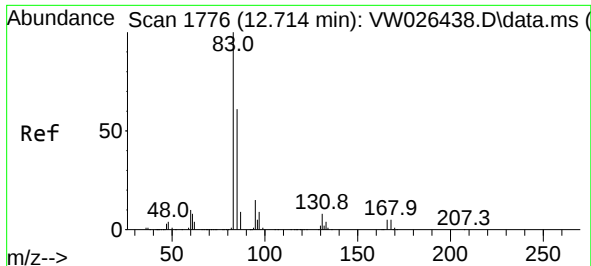
Tgt Ion:104 Resp: 719008

Ion Ratio Lower Upper

104 100

78 47.4 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 21.262 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

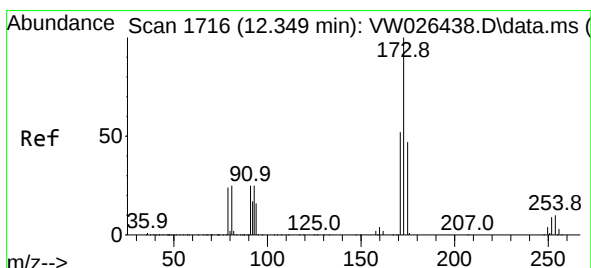
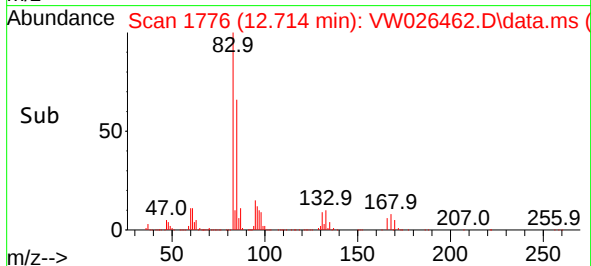
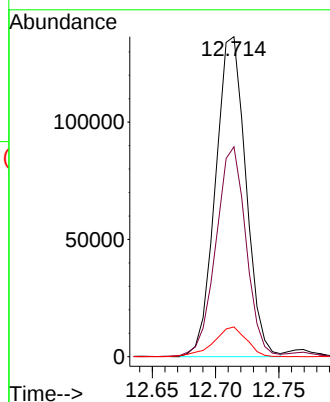
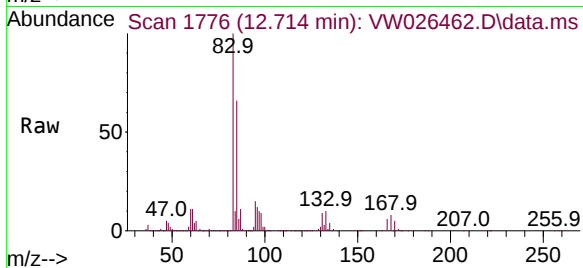
Tgt Ion: 83 Resp: 227610

Ion Ratio Lower Upper

83 100

85 65.6 44.6 82.8

131 9.3 7.2 10.8



#59

Bromoform

Concen: 21.238 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

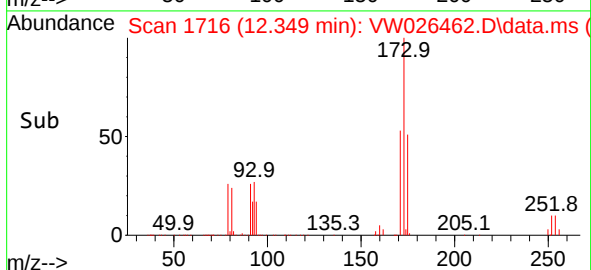
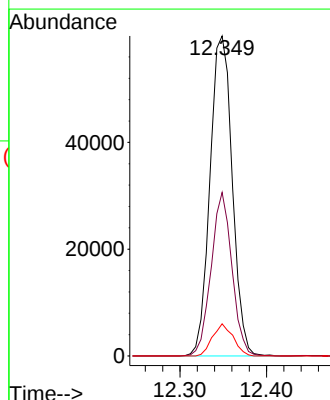
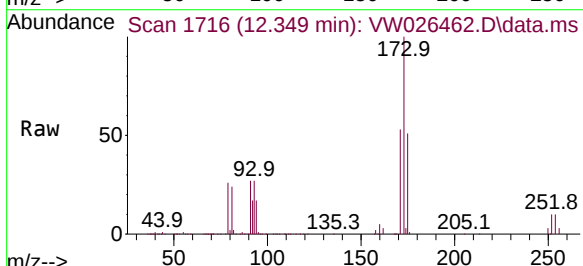
Tgt Ion: 173 Resp: 107080

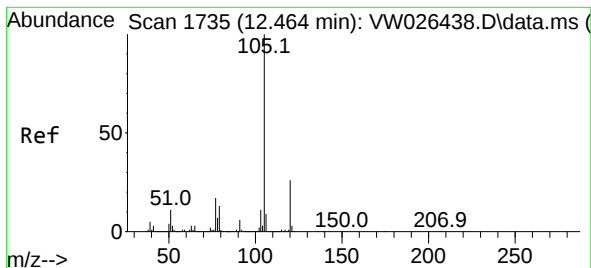
Ion Ratio Lower Upper

173 100

175 47.7 37.4 56.2

254 9.3 7.3 10.9





#60

Isopropylbenzene

Concen: 21.102 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

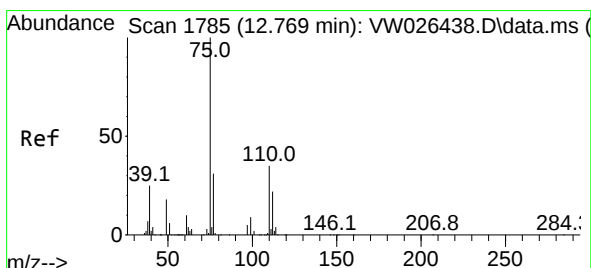
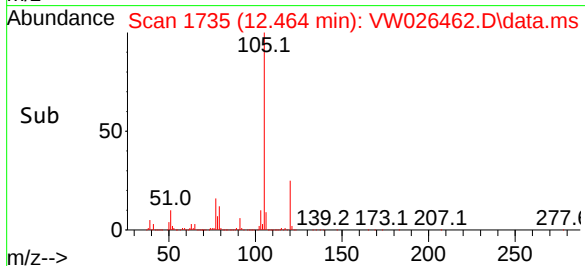
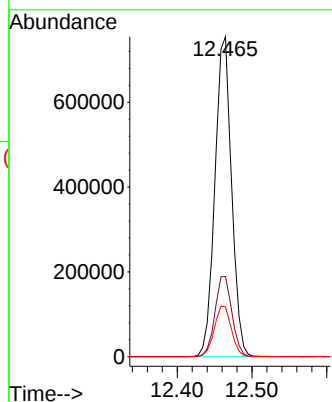
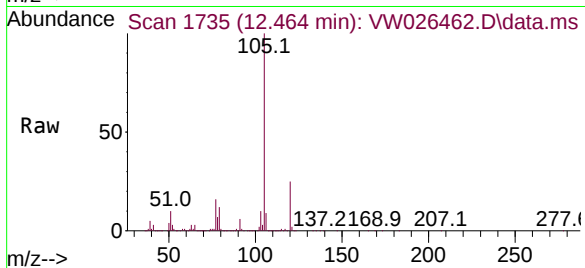
Tgt Ion:105 Resp: 1171958

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: 20.256 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

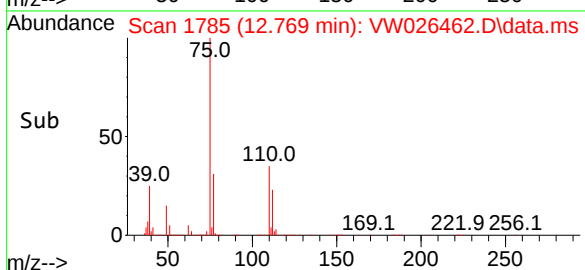
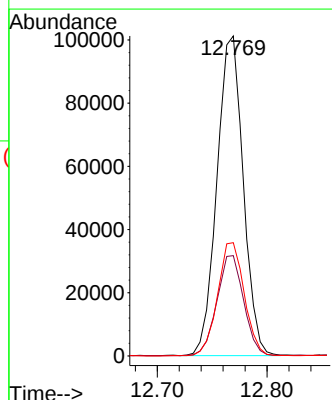
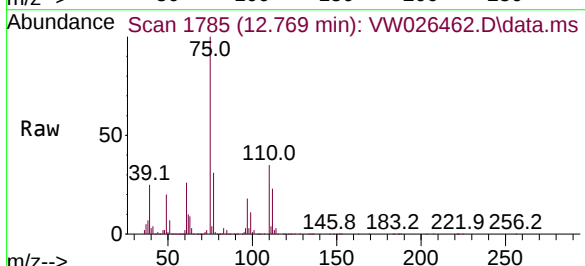
Tgt Ion: 75 Resp: 168579

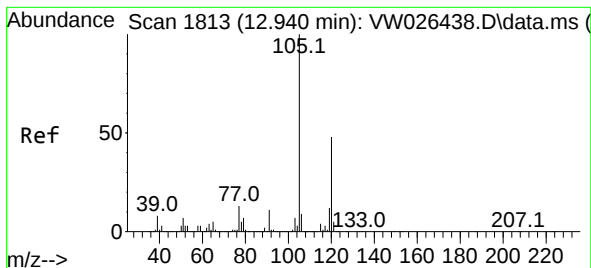
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

110 35.9 28.2 42.4

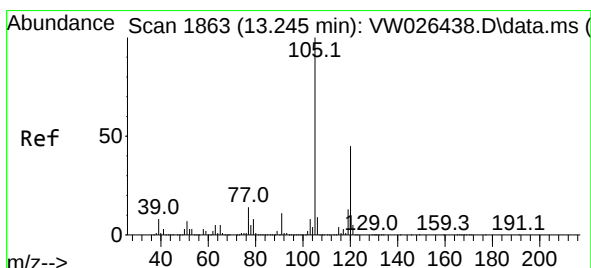
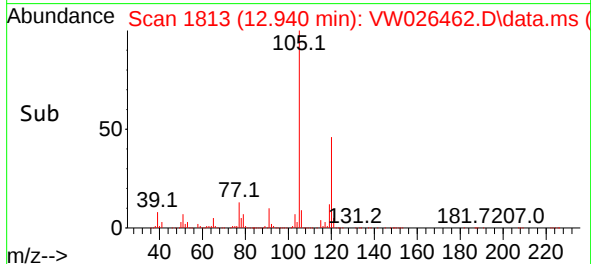
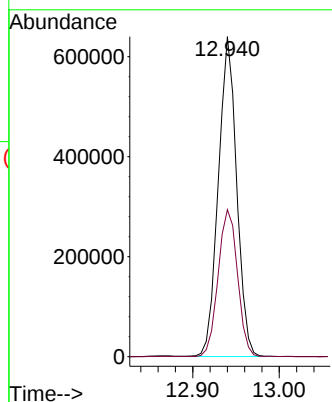
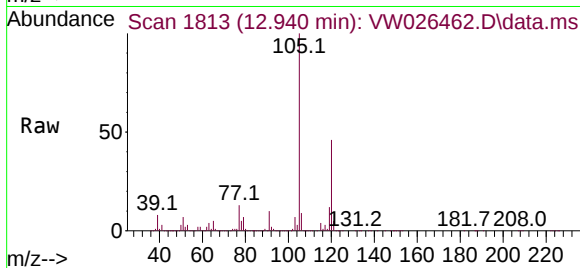




#62
1,3,5-Trimethylbenzene
Concen: 21.305 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

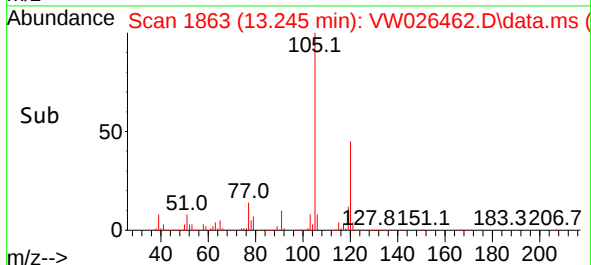
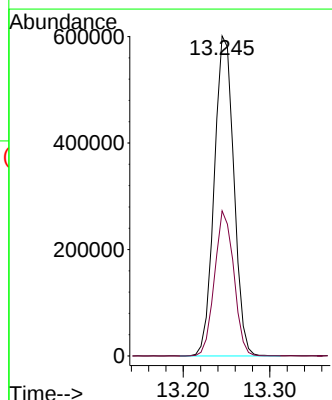
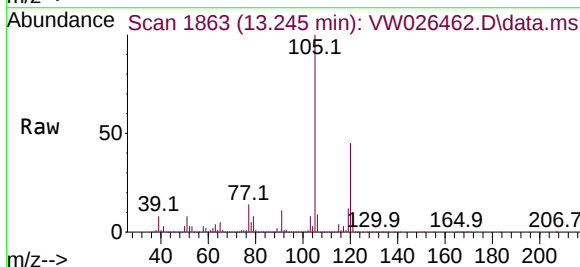
Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

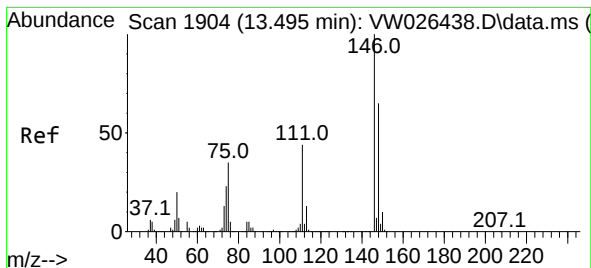
Tgt Ion:105 Resp: 940887
Ion Ratio Lower Upper
105 100
120 48.4 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 21.898 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion:105 Resp: 944789
Ion Ratio Lower Upper
105 100
120 44.5 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 20.527 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

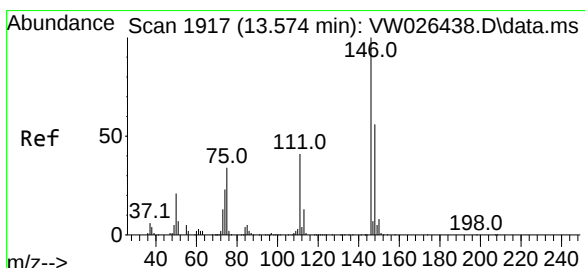
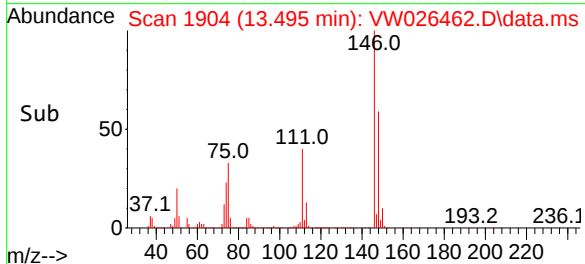
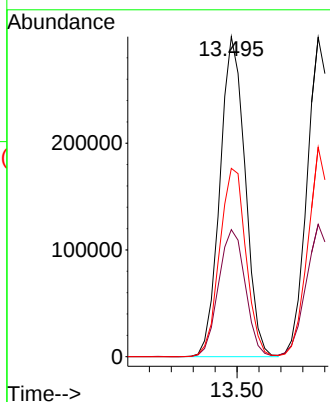
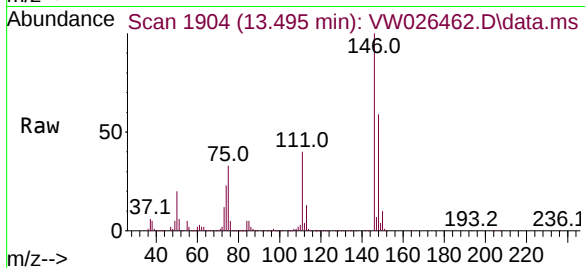
Tgt Ion:146 Resp: 478323

Ion Ratio Lower Upper

146 100

111 39.7 29.5 54.9

148 58.9 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 20.390 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

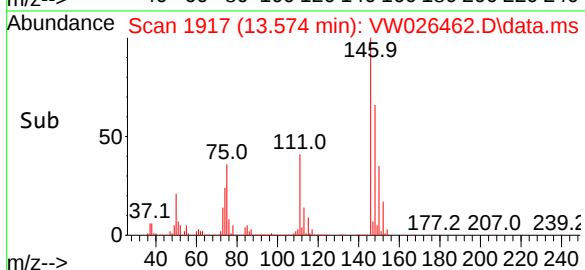
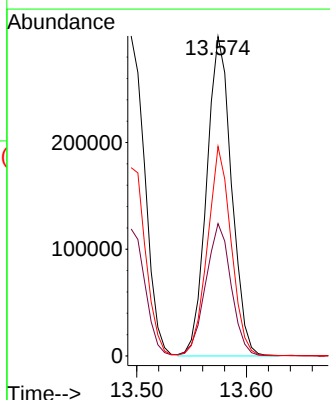
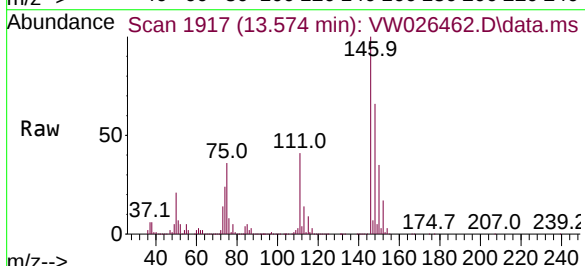
Tgt Ion:146 Resp: 472537

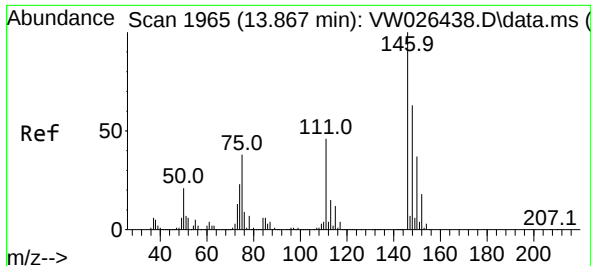
Ion Ratio Lower Upper

146 100

111 41.4 30.7 56.9

148 65.6 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 19.900 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

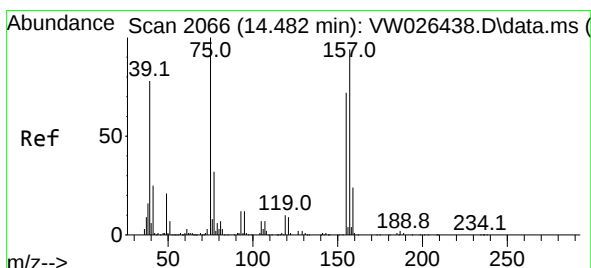
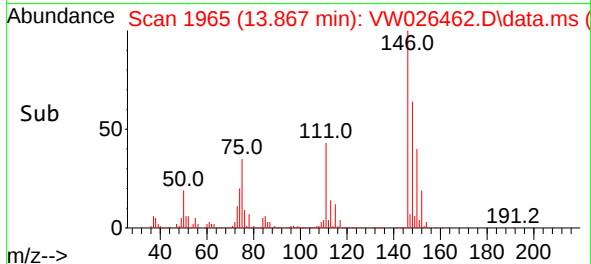
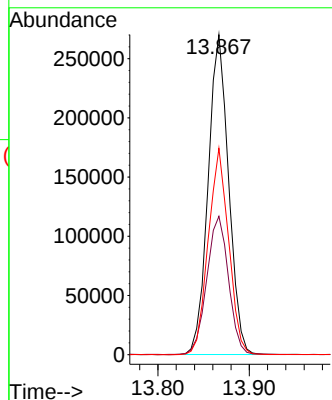
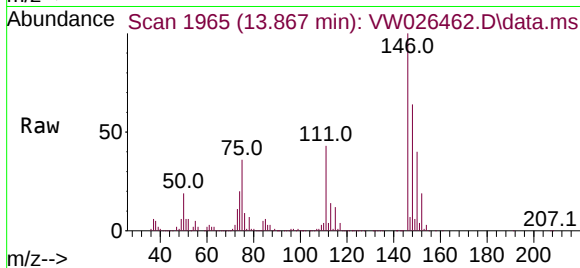
Tgt Ion:146 Resp: 419619

Ion Ratio Lower Upper

146 100

111 43.2 34.7 52.1

148 64.5 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 19.717 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

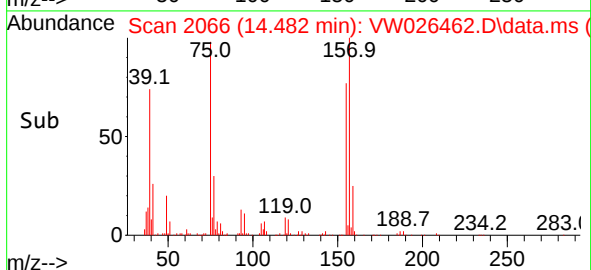
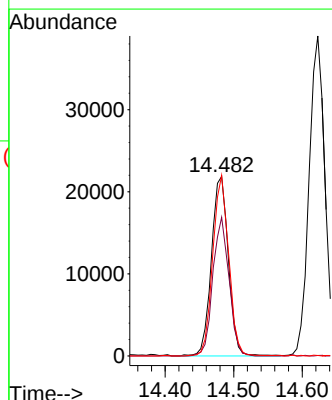
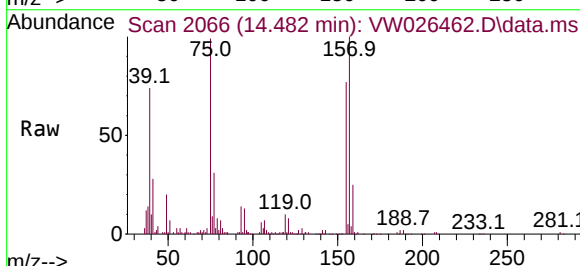
Tgt Ion: 75 Resp: 37603

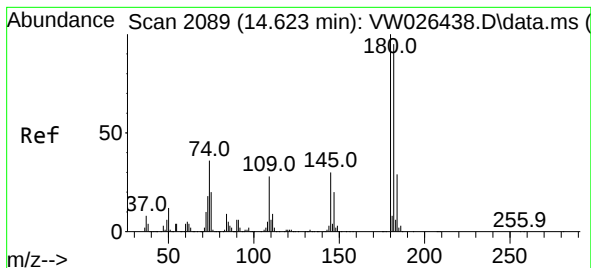
Ion Ratio Lower Upper

75 100

155 77.3 58.5 87.7

157 100.7 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 19.418 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025545

Tgt Ion:180 Resp: 308019

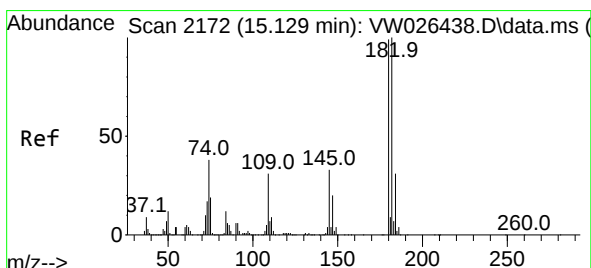
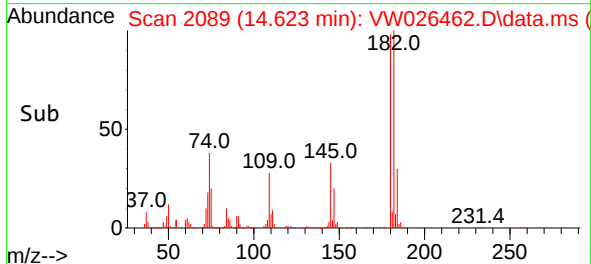
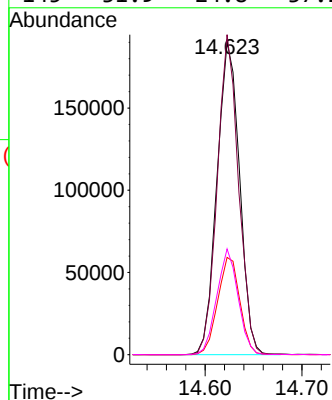
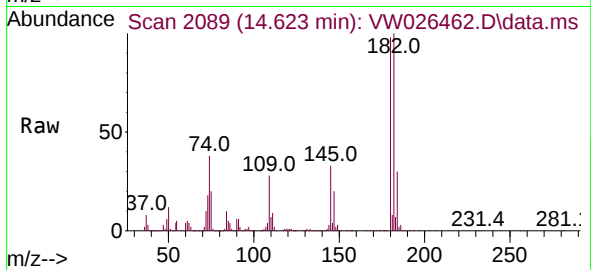
Ion Ratio Lower Upper

180 100

182 96.4 74.5 111.7

184 30.5 23.8 35.6

145 31.9 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 19.133 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026462.D

Acq: 30 Jun 2023 10:26

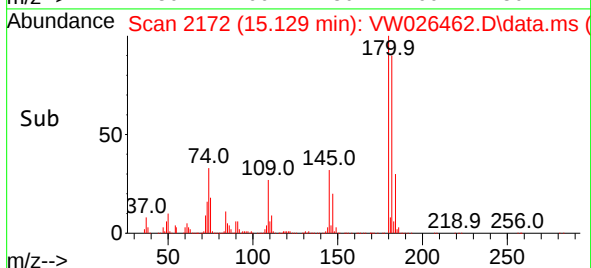
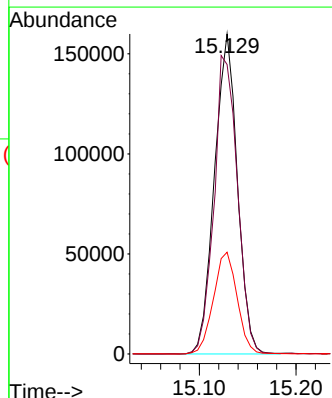
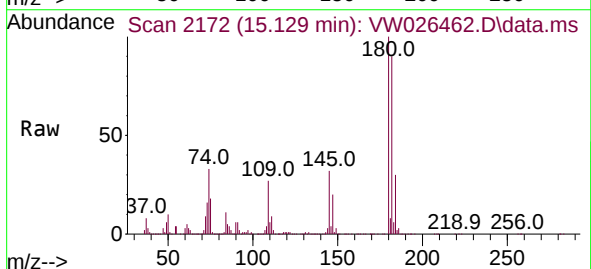
Tgt Ion:180 Resp: 262671

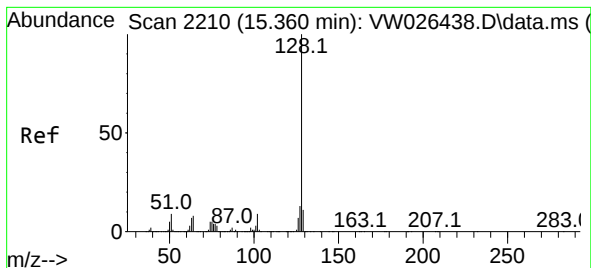
Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 33.0 26.2 39.2

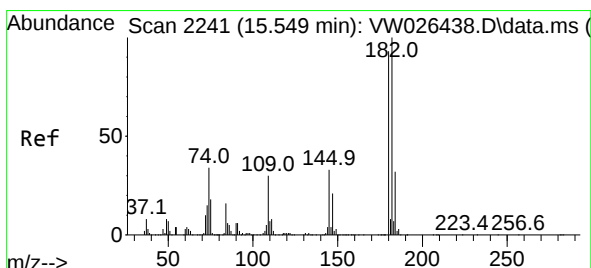
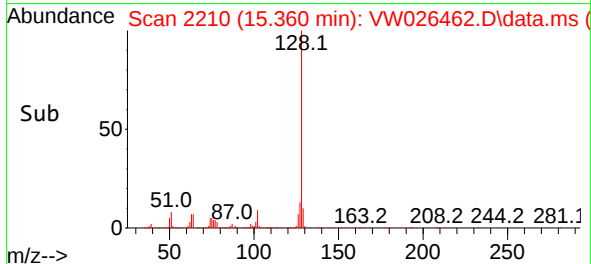
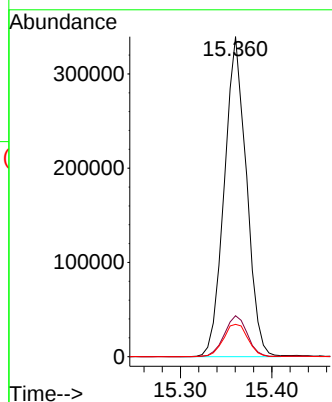
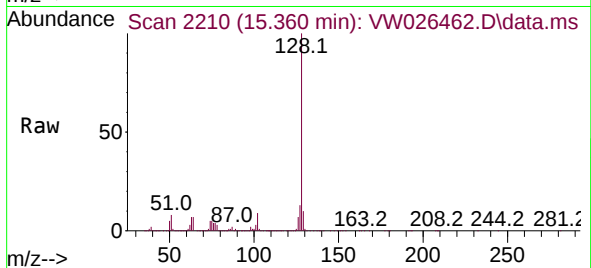




#71
Naphthalene
Concen: 20.380 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

Tgt Ion:128 Resp: 570329
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.3 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 19.268 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026462.D
Acq: 30 Jun 2023 10:26

Tgt Ion:180 Resp: 227487
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 35.1 27.0 40.6

