

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062422\
 Data File : VW023513.D
 Acq On : 24 Jun 2022 09:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

Quant Time: Jun 24 23:24:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 23 01:21:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	378910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	363470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	202744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	106936	17.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.040%
7) Chloroethane-d5	2.885	69	83396	18.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	4.019	63	174895	20.815	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.240%
21) 2-Butanone-d5	7.080	46	59225	48.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.380%
24) Chloroform-d	7.647	84	235244	22.553	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	8.305	65	118750	21.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.275	84	407954	21.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.680%
36) 1,2-Dichloropropane-d6	9.275	67	125316	22.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.280%
41) Toluene-d8	10.323	98	401065	21.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.240%
43) trans-1,3-Dichloroprop...	10.579	79	56195	21.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.720%
47) 2-Hexanone-d5	10.927	63	48798	53.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.560%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	127155	23.978	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	160436	21.921	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	34502	24.972	ug/L	94
3) Chloromethane	2.209	50	130002	28.446	ug/L	100
5) Vinyl chloride	2.355	62	182500	25.622	ug/L	96
6) Bromomethane	2.776	94	110948	27.521	ug/L	91
8) Chloroethane	2.916	64	86856	23.019	ug/L	99
9) Trichlorofluoromethane	3.257	101	89498	27.860	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	129707	28.006	ug/L #	73
13) Acetone	4.129	43	40834	46.114	ug/L	100
14) Carbon disulfide	4.379	76	292018	23.008	ug/L	99
15) Methyl Acetate	4.672	43	48878	24.723	ug/L	98
16) Methylene chloride	4.916	84	126825	24.731	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	126142	25.823	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	200687	27.296	ug/L	99
19) 1,1-Dichloroethane	6.214	63	230112	26.299	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	143565	26.874	ug/L	99
22) 2-Butanone	7.171	43	67954	50.136	ug/L	98
23) Bromochloromethane	7.513	128	64752	26.311	ug/L	98
25) Chloroform	7.677	83	260837	26.416	ug/L	97
27) 1,2-Dichloroethane	8.397	62	162446	24.875	ug/L	98

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 Response via : Initial Calibration

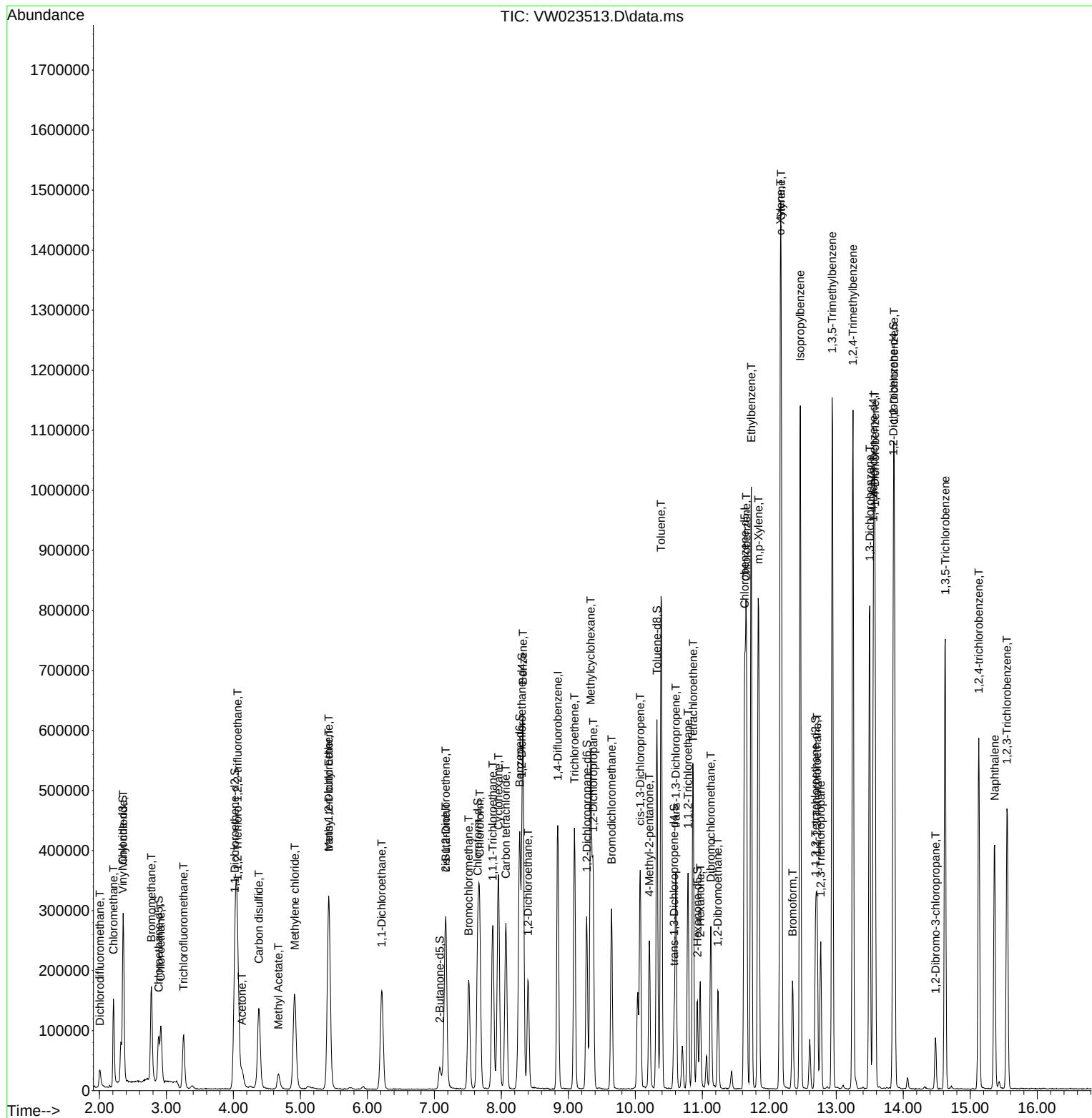
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	186319	25.451	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	220592	26.219	ug/L	99
31) Carbon tetrachloride	8.067	117	203291	26.228	ug/L	99
33) Benzene	8.323	78	534023	25.434	ug/L	100
34) Trichloroethene	9.092	95	143989	25.585	ug/L	94
35) Methylcyclohexane	9.335	83	225950	24.799	ug/L	97
37) 1,2-Dichloropropane	9.372	63	131510	25.630	ug/L	98
38) Bromodichloromethane	9.646	83	193236	26.776	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	208758	26.549	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	153048	52.295	ug/L	98
42) Toluene	10.384	91	608647	25.945	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	187083	26.368	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	108286	25.691	ug/L	98
46) Tetrachloroethene	10.866	164	113764	26.185	ug/L	81
48) 2-Hexanone	10.969	43	104749	52.961	ug/L	99
49) Dibromochloromethane	11.128	129	135505	27.451	ug/L	100
50) 1,2-Dibromoethane	11.232	107	104505	26.524	ug/L	96
51) Chlorobenzene	11.658	112	410176	25.908	ug/L	99
52) Ethylbenzene	11.731	91	692039	25.956	ug/L	100
53) m,p-Xylene	11.841	106	275792	26.578	ug/L	96
54) o-Xylene	12.164	106	262246	26.446	ug/L	98
55) Styrene	12.176	104	459824	26.669	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	133037	25.991	ug/L	99
59) Bromoform	12.347	173	75103	26.060	ug/L	96
60) Isopropylbenzene	12.463	105	738577	25.450	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94366	24.462	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	608552	25.640	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	598916	25.215	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	321795	24.995	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	335635	25.531	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	304769	25.845	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20672	24.268	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	225522	26.808	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	178091	27.187	ug/L	99
71) Naphthalene	15.365	128	352460	27.352	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	154254	27.087	ug/L	99

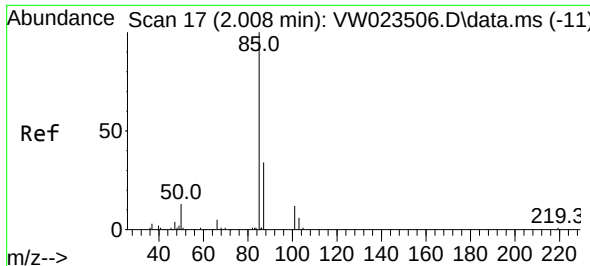
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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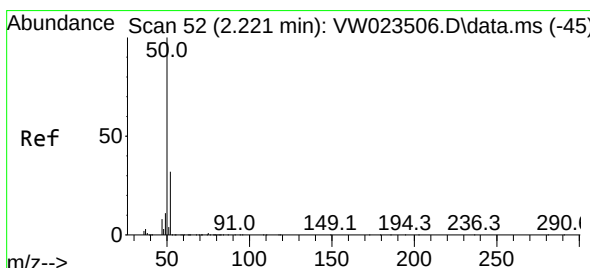
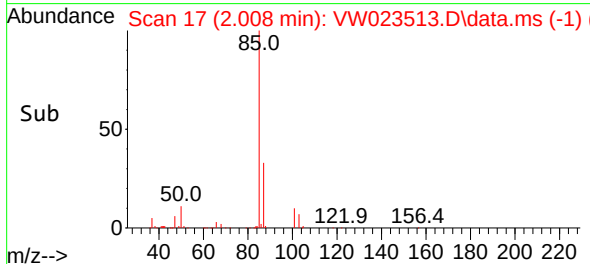
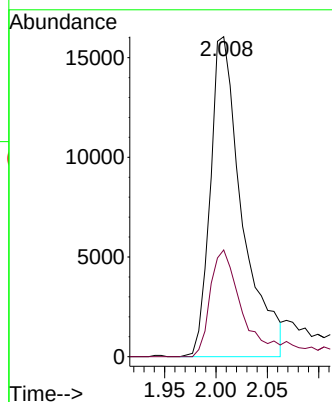
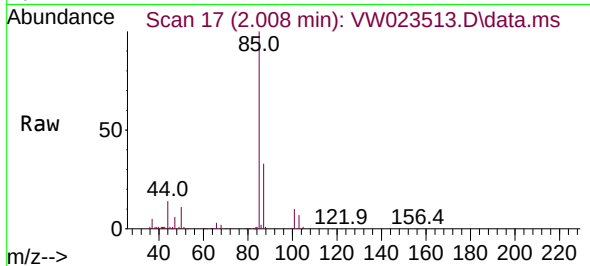




#2
 Dichlorodifluoromethane
 Concen: 24.972 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

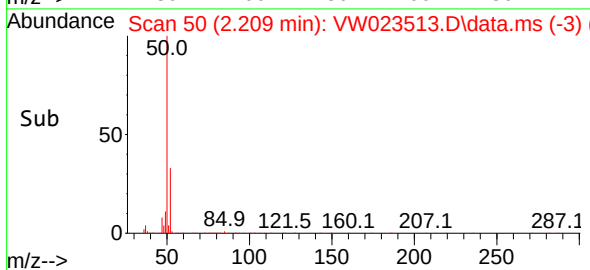
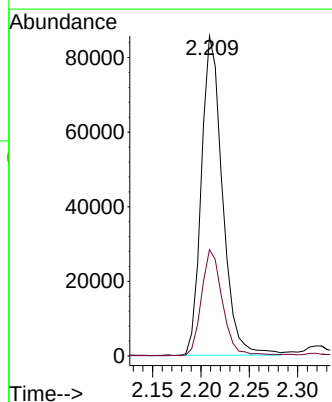
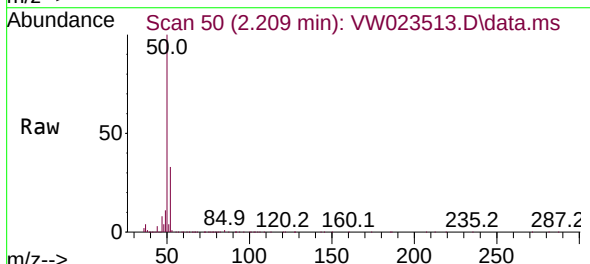
Instrument :
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 ClientSampleId :
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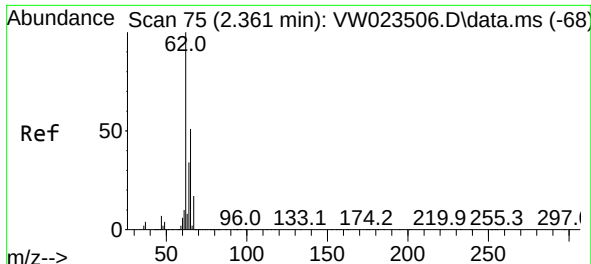
Tgt Ion: 85 Resp: 34502
 Ion Ratio Lower Upper
 85 100
 87 31.4 27.8 41.8



#3
 Chloromethane
 Concen: 28.446 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.012 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

Tgt Ion: 50 Resp: 130002
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.1 42.9

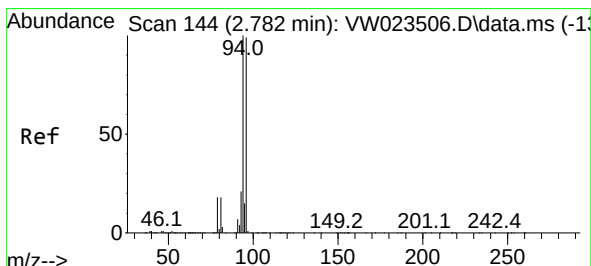
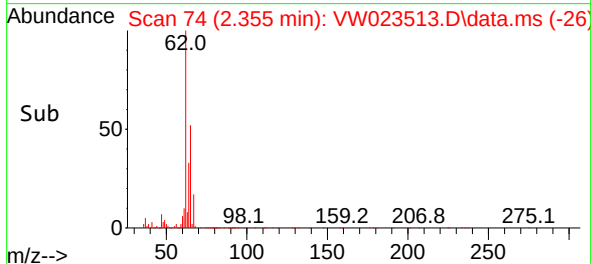
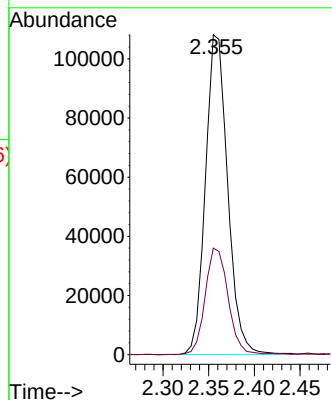
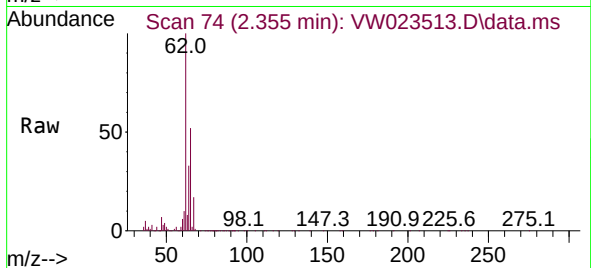




#5
 Vinyl chloride
 Concen: 25.622 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

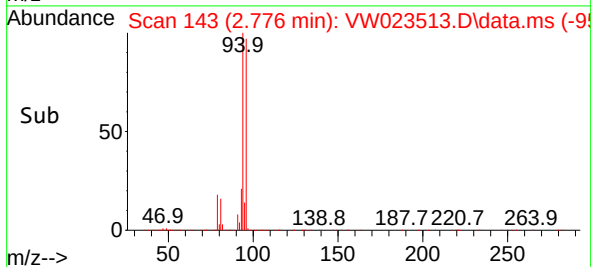
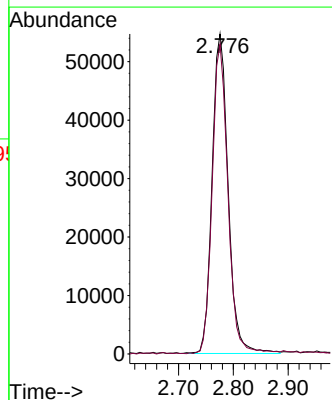
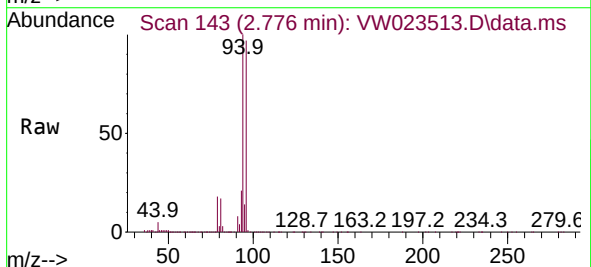
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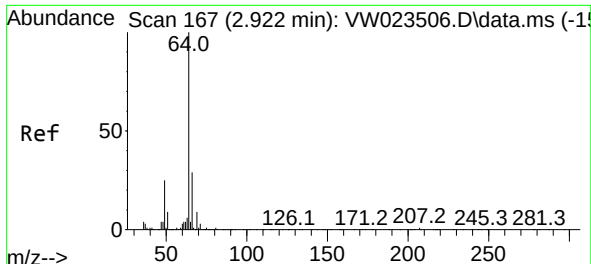
Tgt Ion: 62 Resp: 182500
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.9 46.3



#6
 Bromomethane
 Concen: 27.521 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

Tgt Ion: 94 Resp: 110948
 Ion Ratio Lower Upper
 94 100
 96 96.8 61.7 114.5

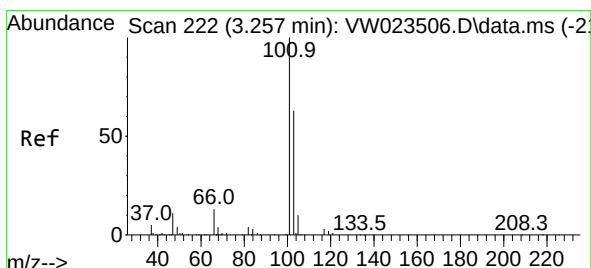
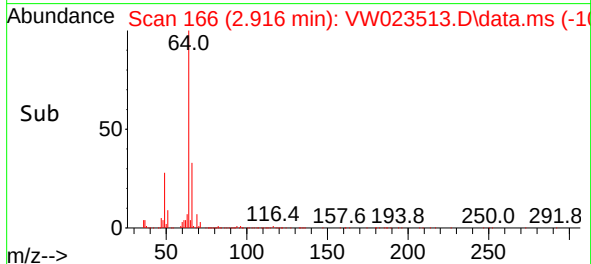
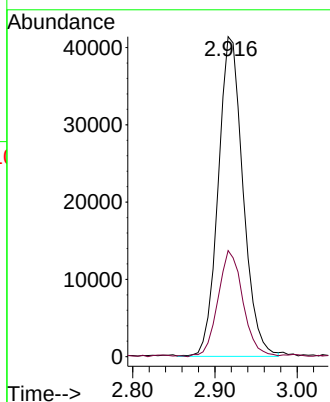
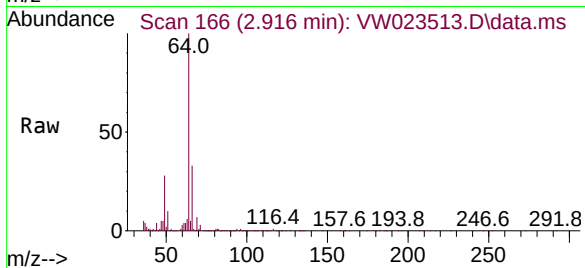




#8
Chloroethane
Concen: 23.019 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

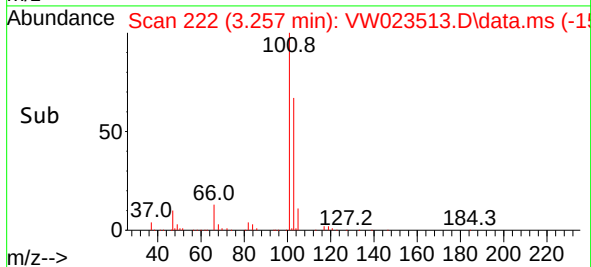
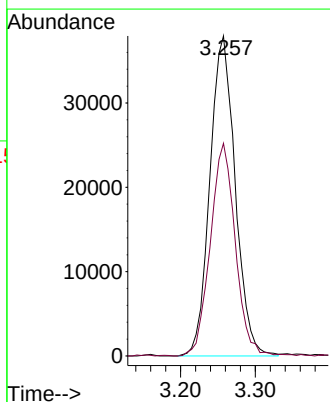
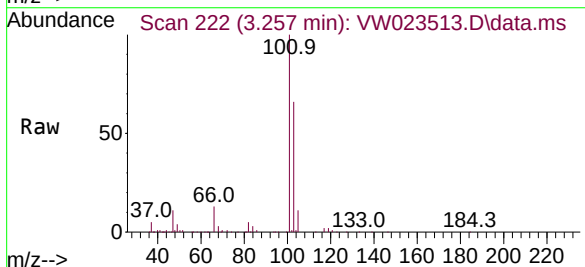
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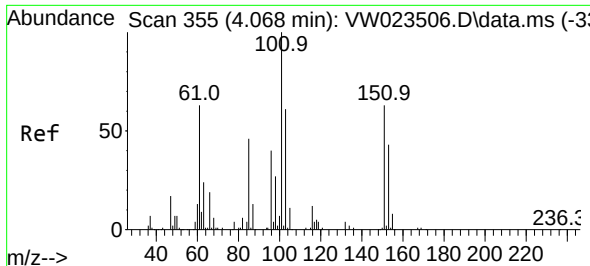
Tgt Ion: 64 Resp: 86856
Ion Ratio Lower Upper
64 100
66 33.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 27.860 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 101 Resp: 89498
Ion Ratio Lower Upper
101 100
103 65.0 53.9 80.9

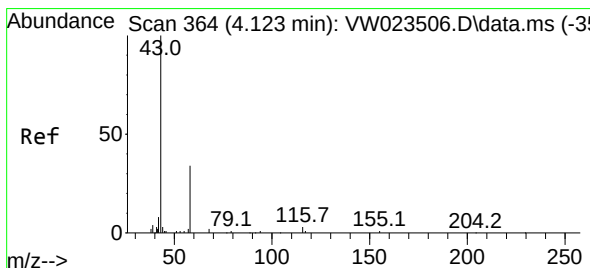
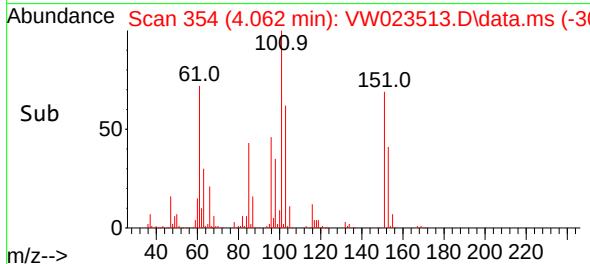
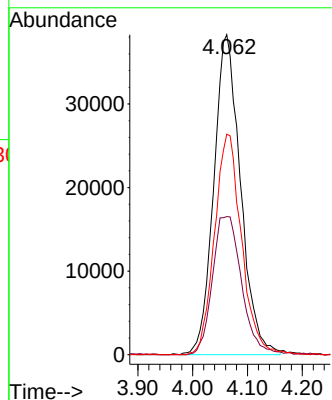
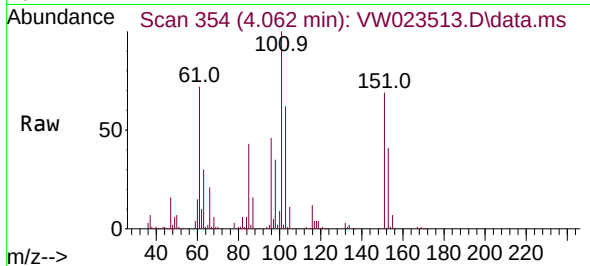




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.006 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

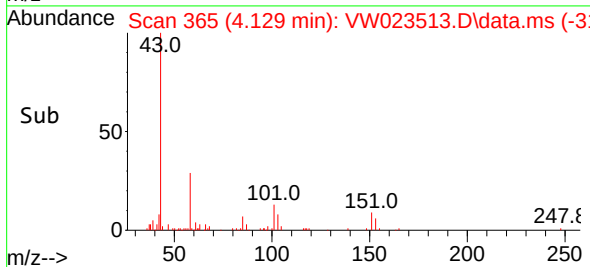
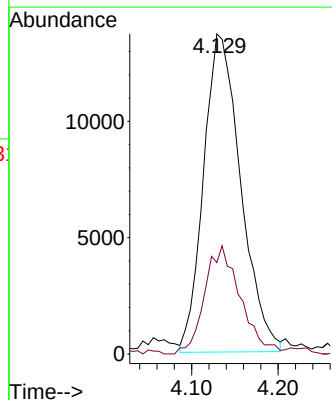
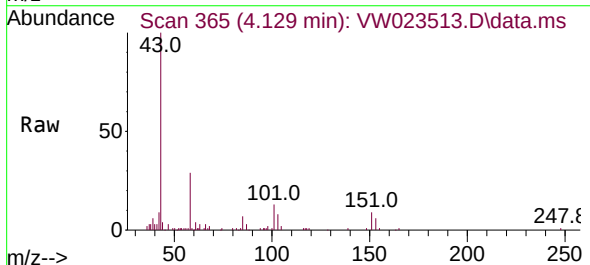
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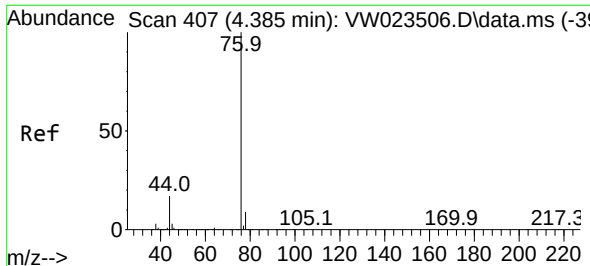
Tgt Ion:101 Resp: 129707
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.3 51.5#
 151 69.1 54.2 81.2



#13
 Acetone
 Concen: 46.114 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

Tgt Ion: 43 Resp: 40834
 Ion Ratio Lower Upper
 43 100
 58 31.8 0.0 64.0

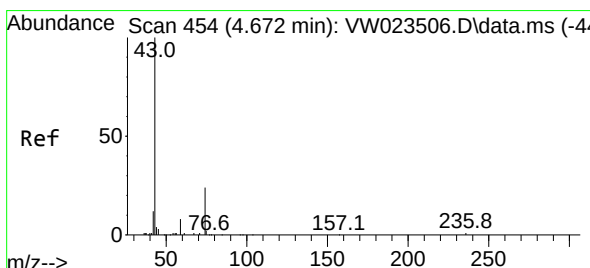
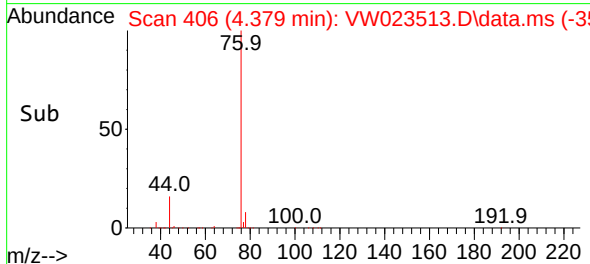
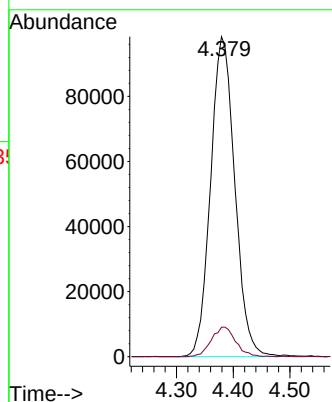
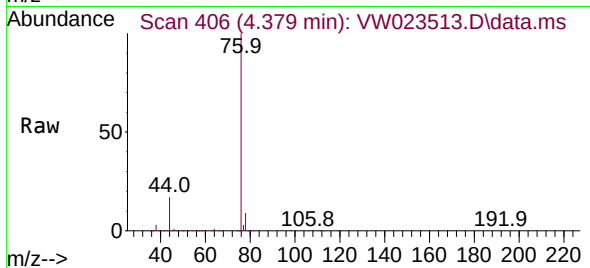




#14
Carbon disulfide
Concen: 23.008 ug/L
RT: 4.379 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

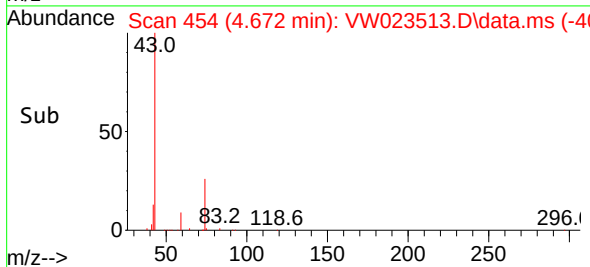
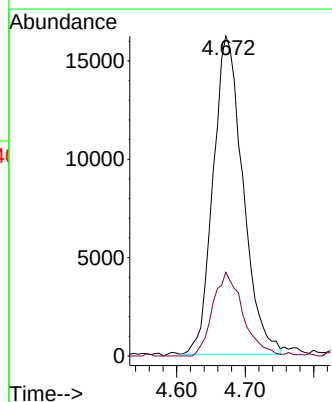
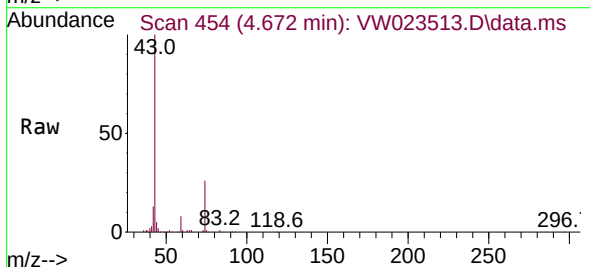
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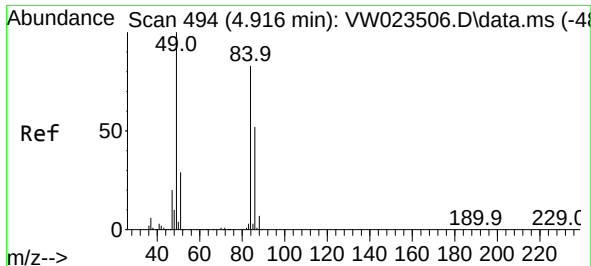
Tgt Ion: 76 Resp: 292018
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#15
Methyl Acetate
Concen: 24.723 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 48878
Ion Ratio Lower Upper
43 100
74 26.5 21.9 32.9

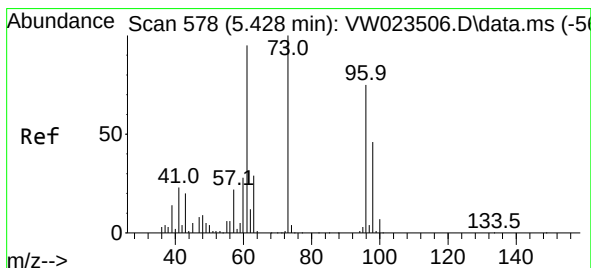
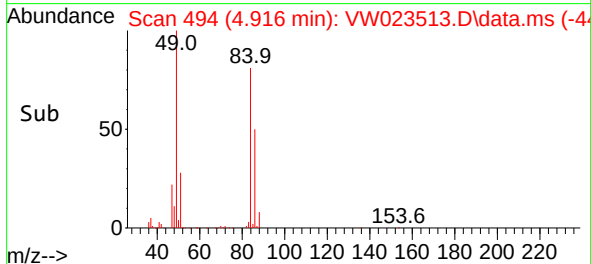
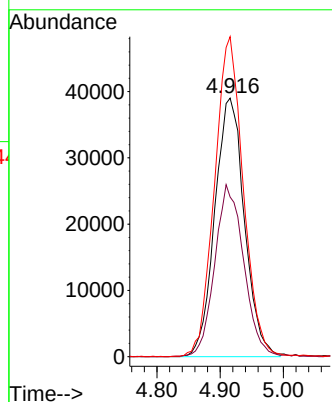
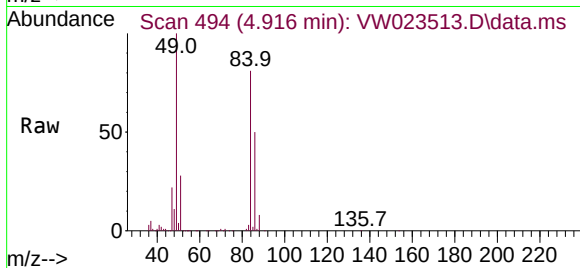




#16
Methylene chloride
Concen: 24.731 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

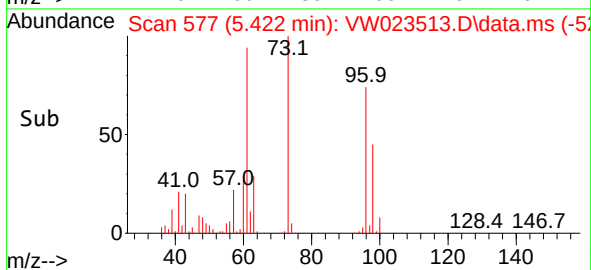
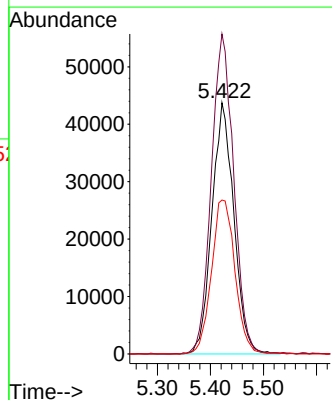
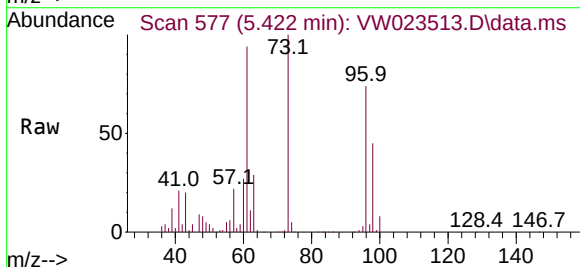
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

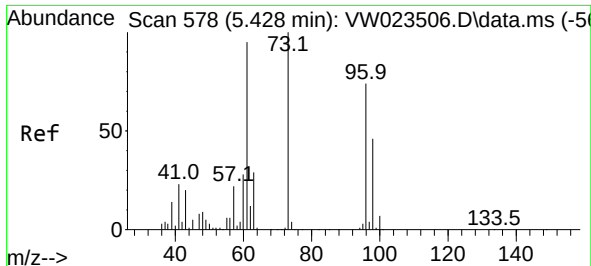
Tgt Ion: 84 Resp: 126825
Ion Ratio Lower Upper
84 100
86 61.8 45.4 84.4
49 123.8 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 25.823 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 96 Resp: 126142
Ion Ratio Lower Upper
96 100
61 127.4 92.2 171.2
98 61.3 42.9 79.7

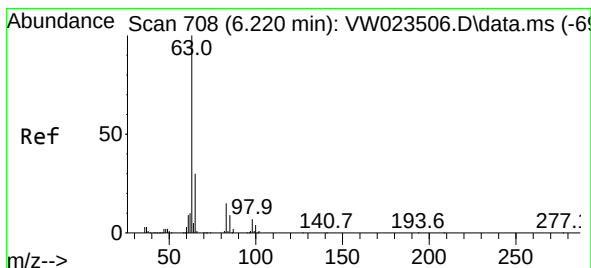
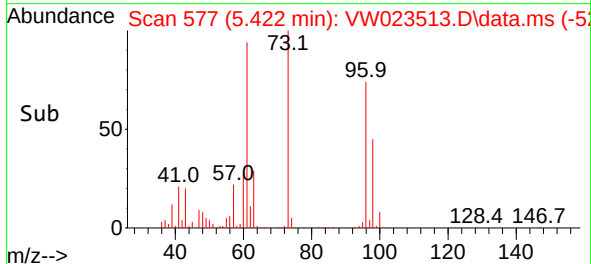
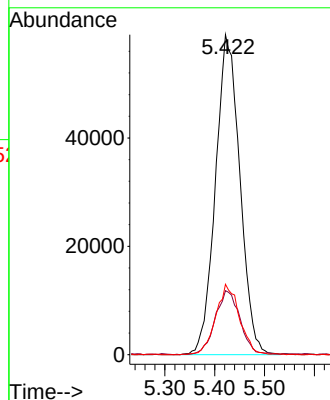
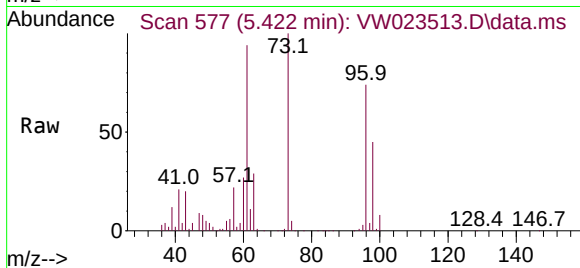




#18
Methyl tert-butyl Ether
Concen: 27.296 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

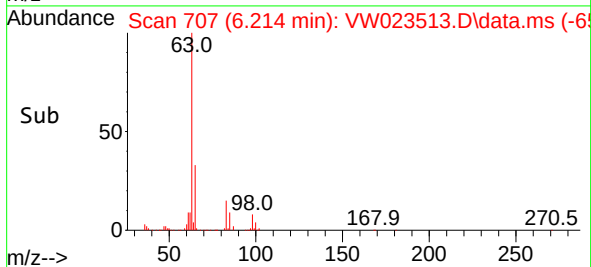
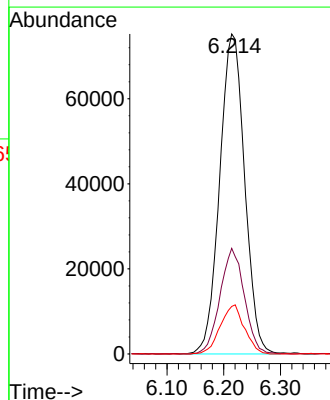
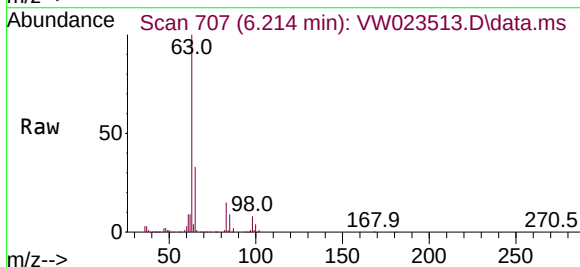
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

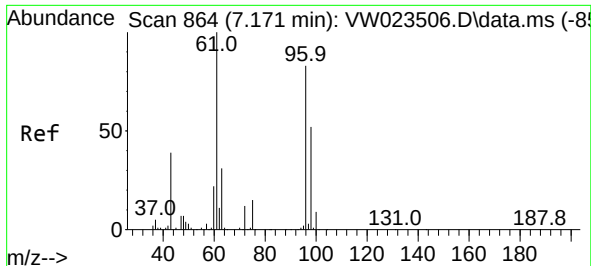
Tgt Ion:	73	Resp:	200687
Ion	Ratio	Lower	Upper
73	100		
43	20.1	15.9	23.9
57	21.4	16.5	24.7



#19
1,1-Dichloroethane
Concen: 26.299 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion:	63	Resp:	230112
Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.3	43.3
83	14.8	11.1	20.5



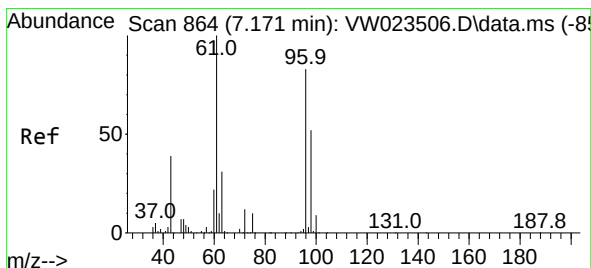
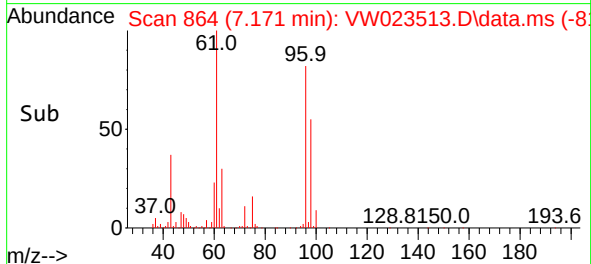
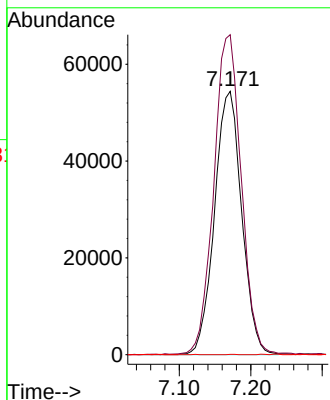
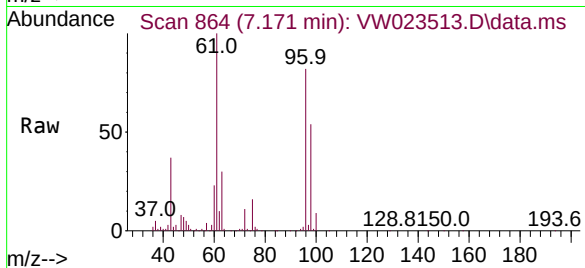


#20
 cis-1,2-Dichloroethene
 Concen: 26.874 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

Tgt Ion: 96 Resp: 143565

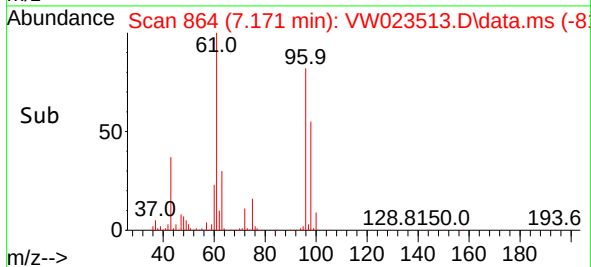
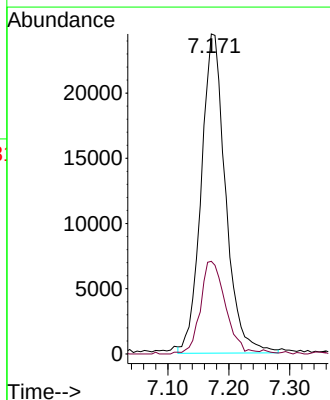
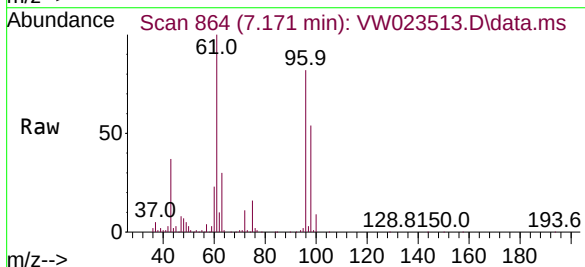
Ion	Ratio	Lower	Upper
96	100		
61	121.5	84.2	156.4
68	0.1	0.1	0.1

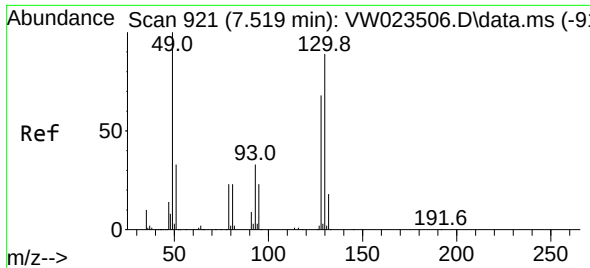


#22
 2-Butanone
 Concen: 50.136 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

Tgt Ion: 43 Resp: 67954

Ion	Ratio	Lower	Upper
43	100		
72	29.3	15.1	45.3

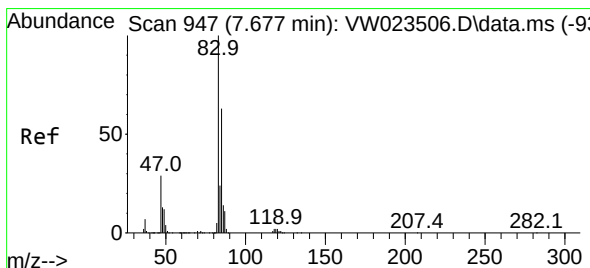
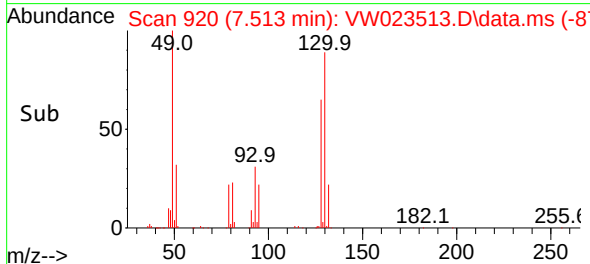
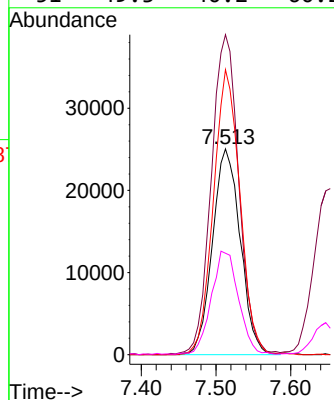
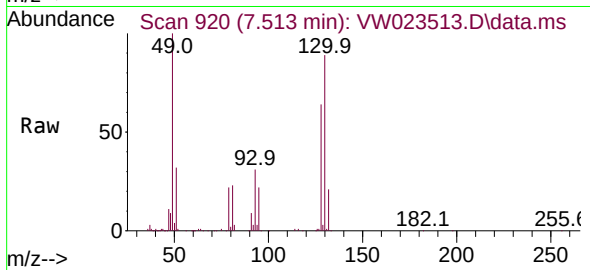




#23
Bromochloromethane
Concen: 26.311 ug/L
RT: 7.513 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

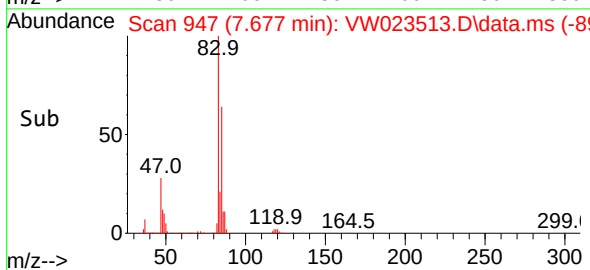
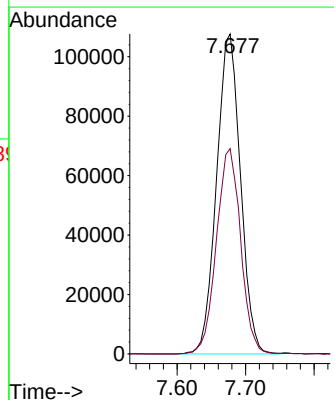
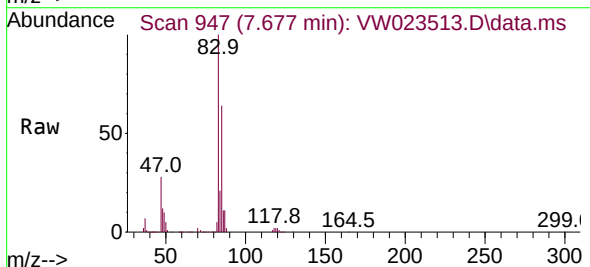
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

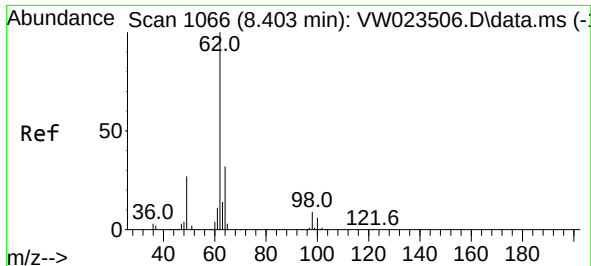
Tgt Ion:128 Resp: 64752
Ion Ratio Lower Upper
128 100
49 155.5 110.0 204.4
130 138.5 94.8 176.0
51 49.3 40.2 60.2



#25
Chloroform
Concen: 26.416 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 83 Resp: 260837
Ion Ratio Lower Upper
83 100
85 64.1 46.6 86.6





#27

1,2-Dichloroethane

Concen: 24.875 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

Instrument :

MSVOA_W

ClientSampleId :

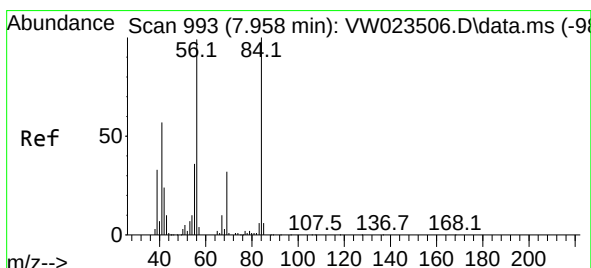
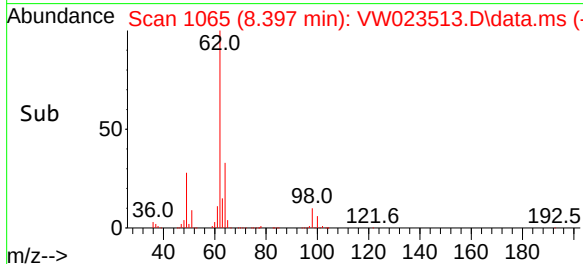
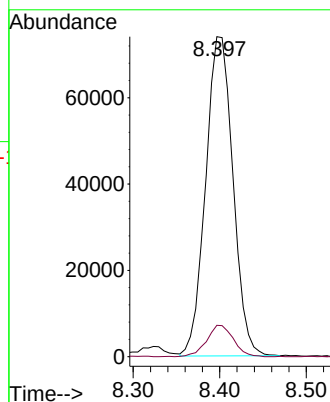
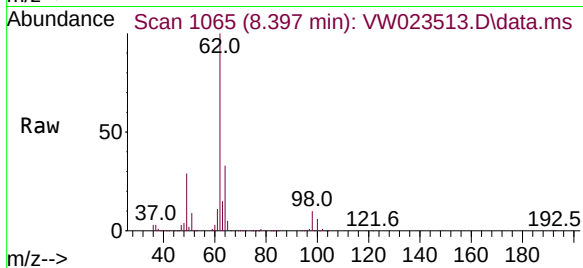
VSTD025580

Tgt Ion: 62 Resp: 162446

Ion Ratio Lower Upper

62 100

98 9.8 7.2 10.8



#29

Cyclohexane

Concen: 25.451 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

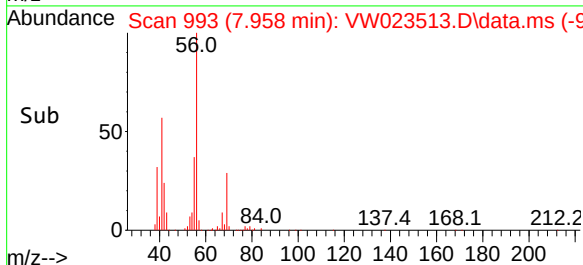
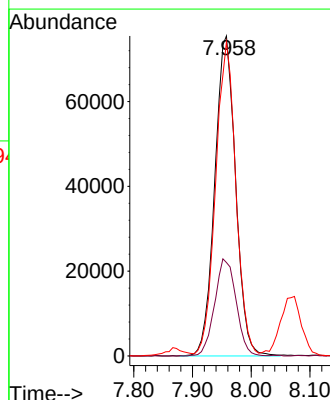
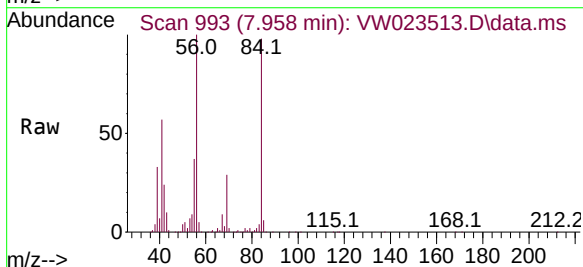
Tgt Ion: 56 Resp: 186319

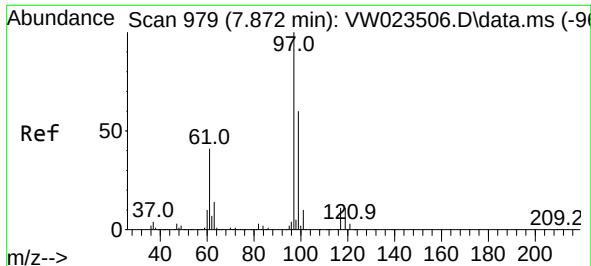
Ion Ratio Lower Upper

56 100

69 31.2 25.6 38.4

84 95.3 78.2 117.4

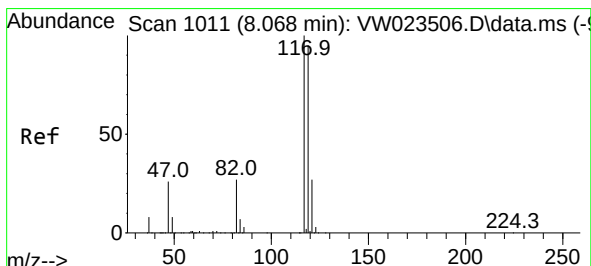
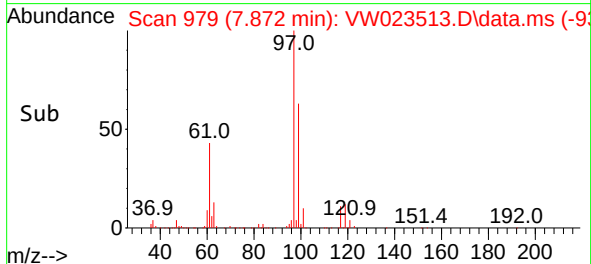
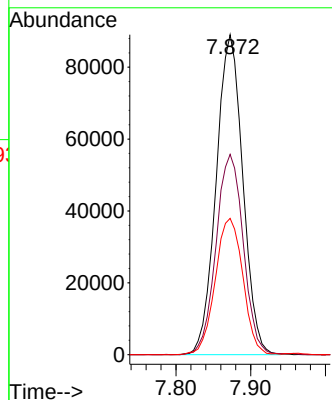
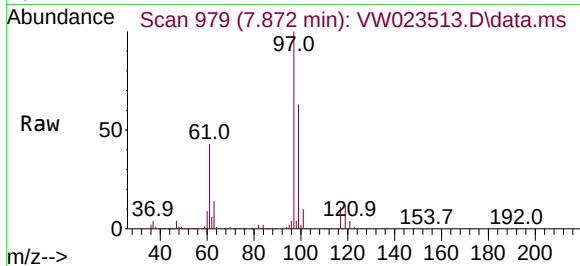




#30
1,1,1-Trichloroethane
Concen: 26.219 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

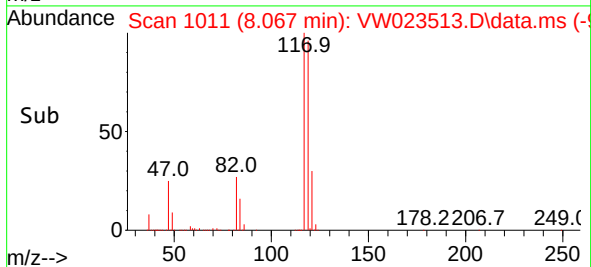
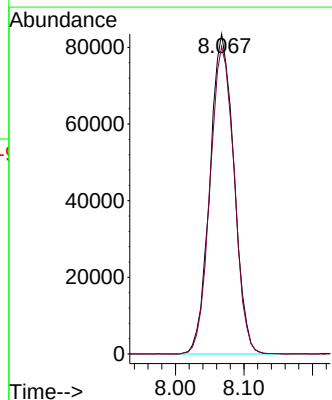
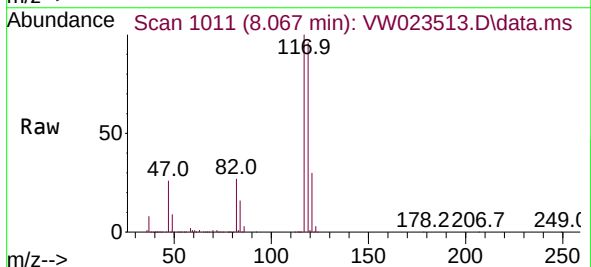
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

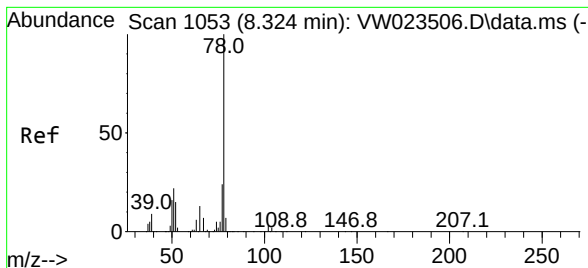
Tgt Ion: 97 Resp: 220592
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 44.2 34.8 52.2



#31
Carbon tetrachloride
Concen: 26.228 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 117 Resp: 203291
Ion Ratio Lower Upper
117 100
119 96.4 76.6 115.0





#33

Benzene

Concen: 25.434 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

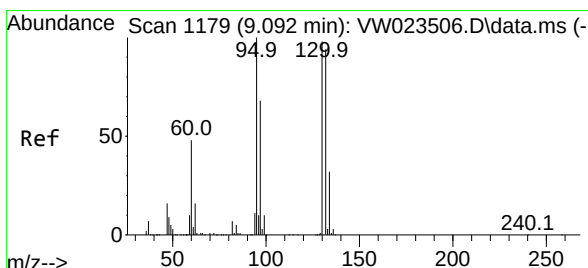
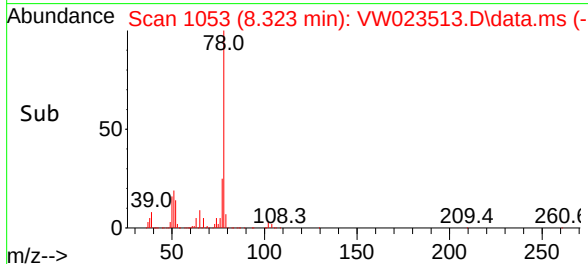
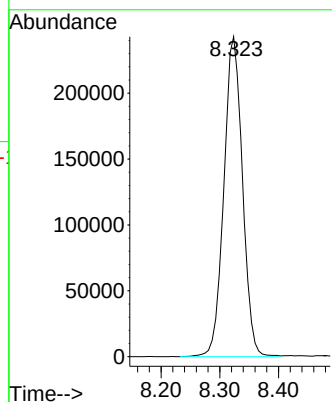
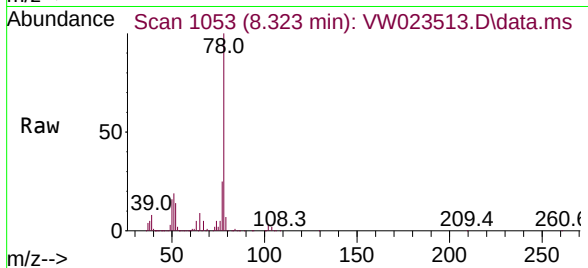
Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

Tgt Ion: 78 Resp: 534023



#34

Trichloroethene

Concen: 25.585 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

Tgt Ion: 95 Resp: 143989

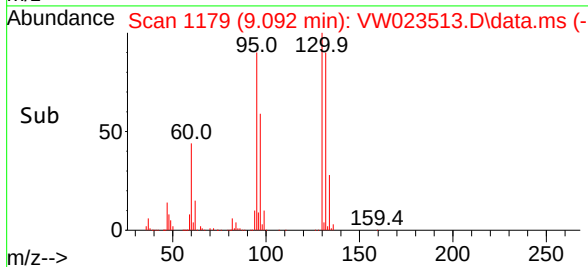
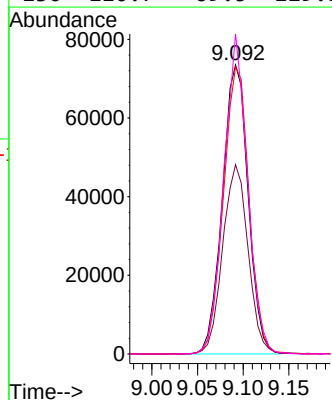
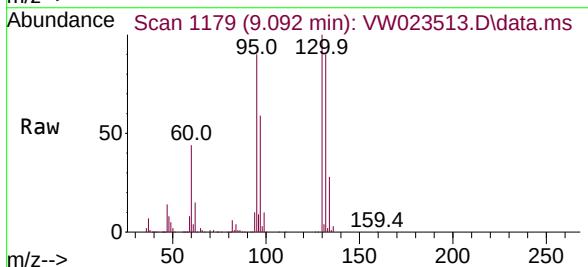
Ion Ratio Lower Upper

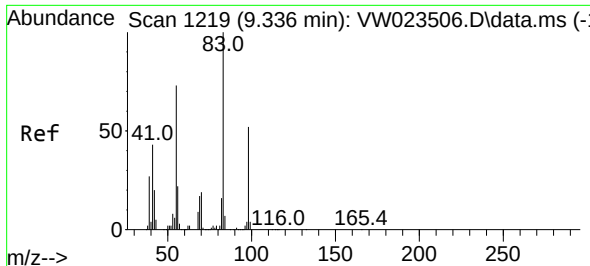
95 100

97 65.5 46.1 85.7

132 99.3 66.9 124.3

130 110.7 69.5 129.1

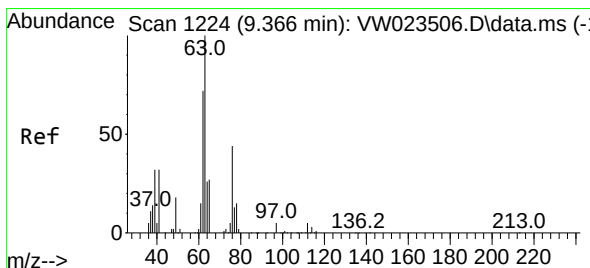
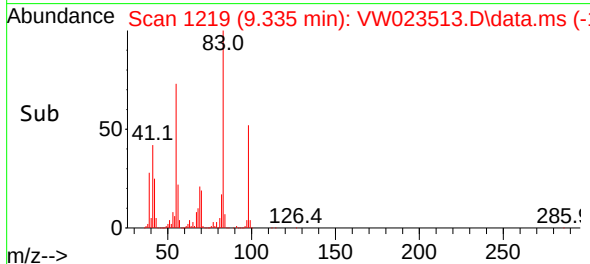
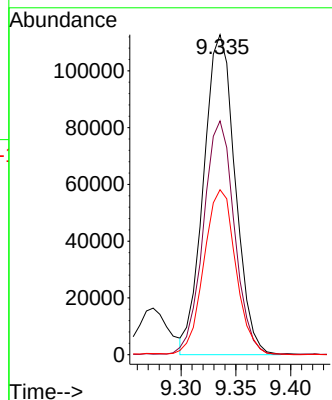
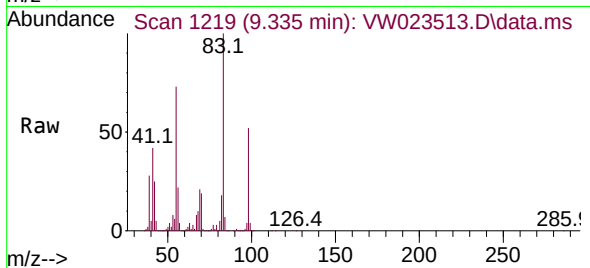




#35
Methylcyclohexane
Concen: 24.799 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

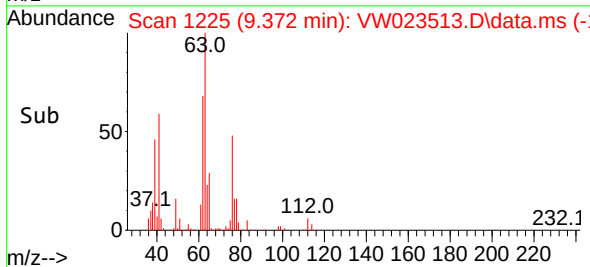
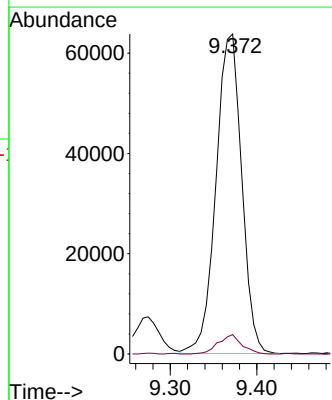
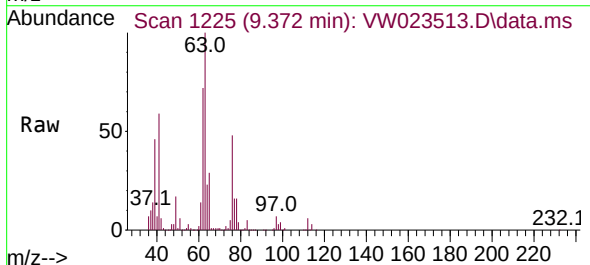
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

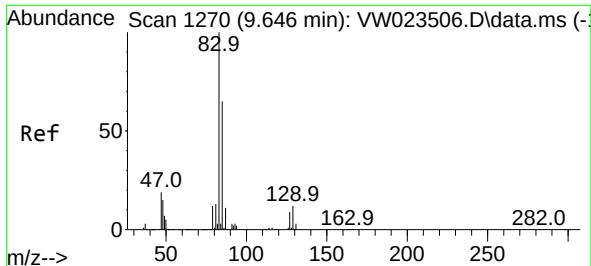
Tgt Ion: 83 Resp: 225950
Ion Ratio Lower Upper
83 100
55 71.8 55.1 82.7
98 52.2 40.4 60.6



#37
1,2-Dichloropropane
Concen: 25.630 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 63 Resp: 131510
Ion Ratio Lower Upper
63 100
112 5.5 3.8 5.8

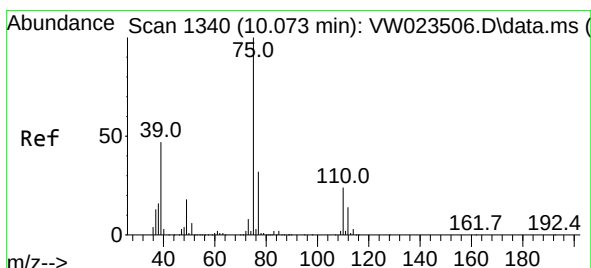
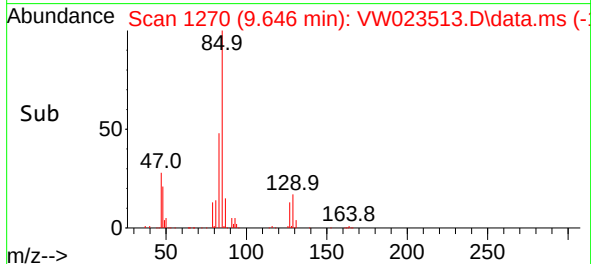
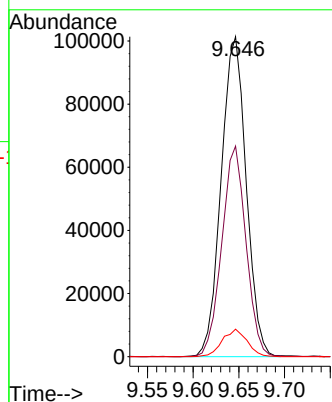
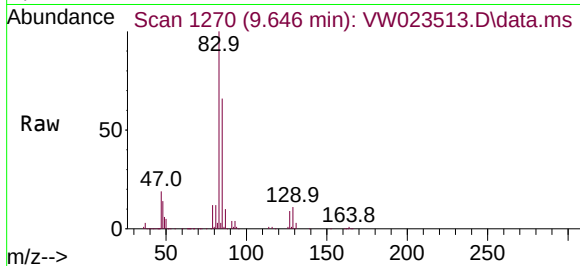




#38
Bromodichloromethane
Concen: 26.776 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

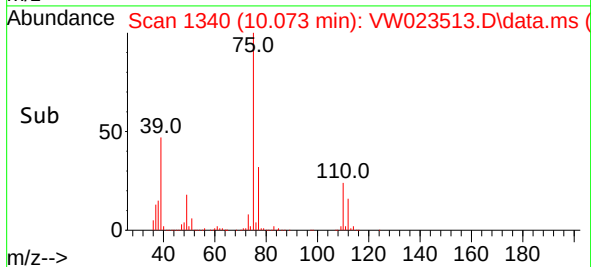
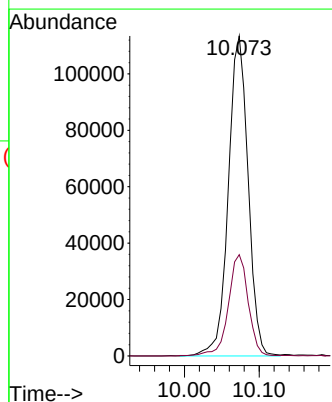
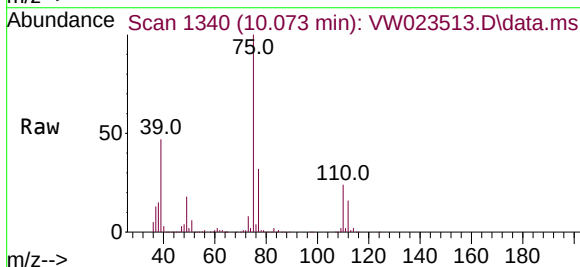
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

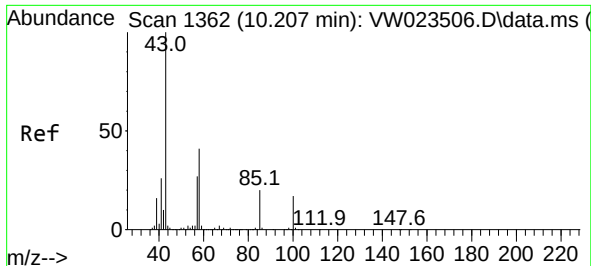
Tgt Ion: 83 Resp: 193236
Ion Ratio Lower Upper
83 100
85 65.8 43.5 80.7
127 8.6 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 26.549 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 75 Resp: 208758
Ion Ratio Lower Upper
75 100
77 31.7 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 52.295 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

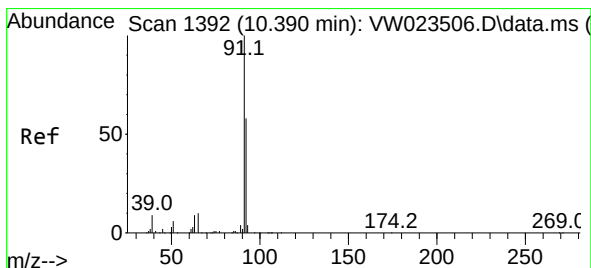
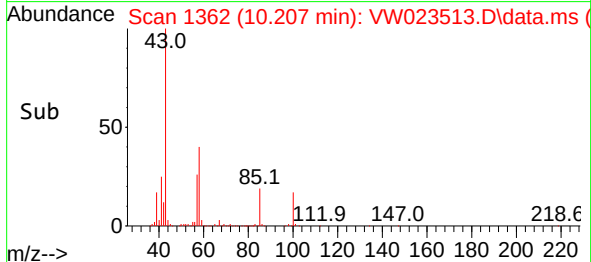
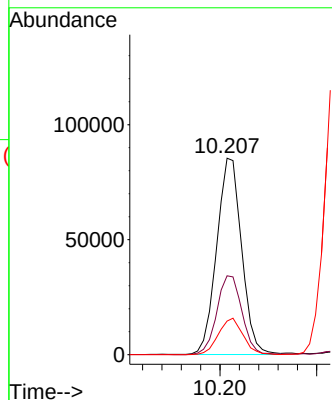
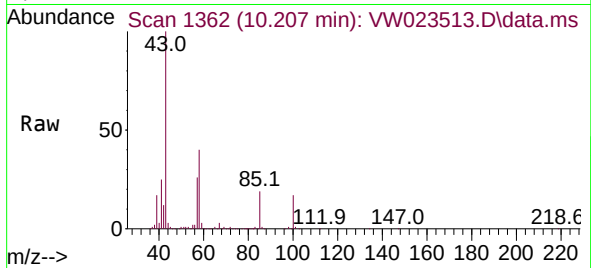
Tgt Ion: 43 Resp: 153048

Ion Ratio Lower Upper

43 100

58 40.5 31.4 47.2

100 18.3 14.2 21.4



#42

Toluene

Concen: 25.945 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW023513.D

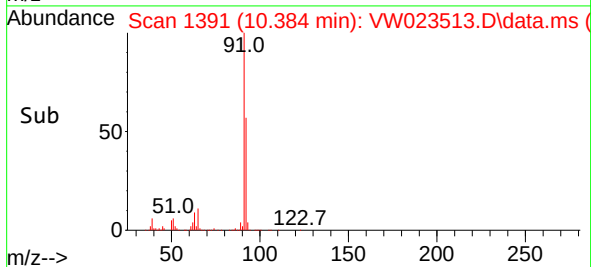
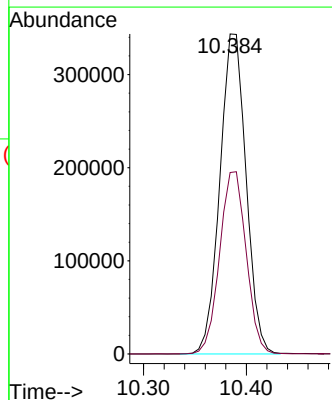
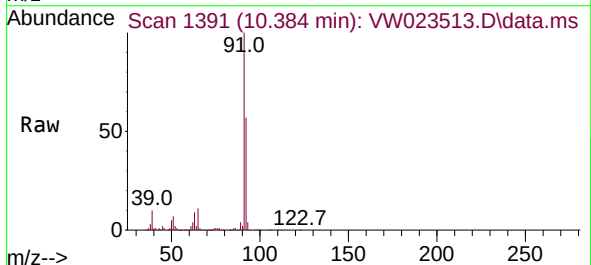
Acq: 24 Jun 2022 09:58

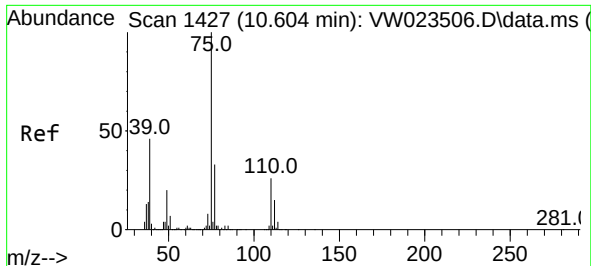
Tgt Ion: 91 Resp: 608647

Ion Ratio Lower Upper

91 100

92 56.7 41.6 77.2

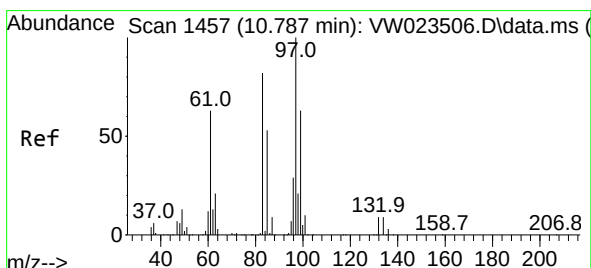
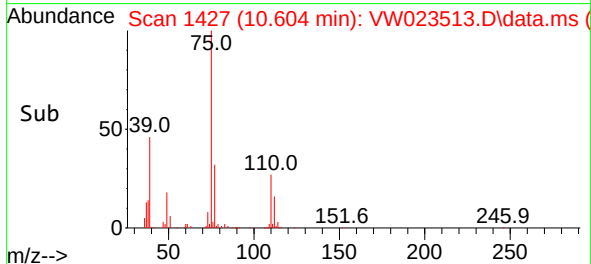
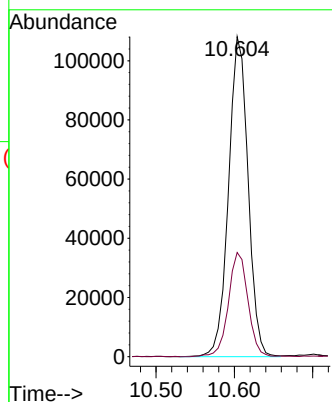
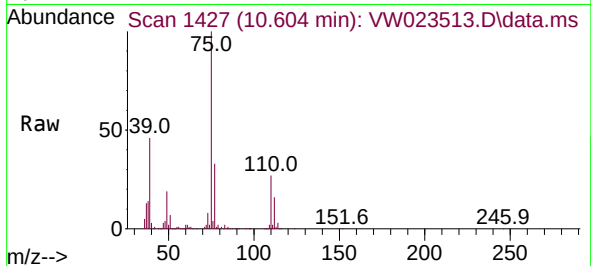




#44
trans-1,3-Dichloropropene
Concen: 26.368 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

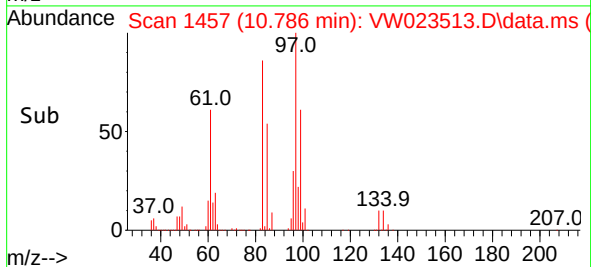
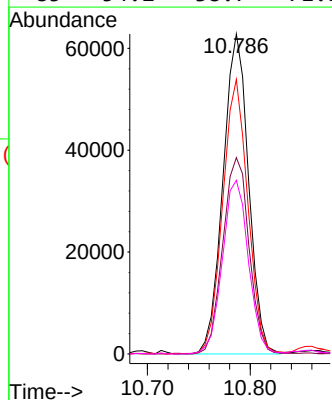
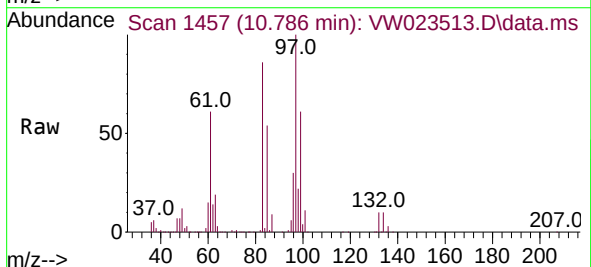
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

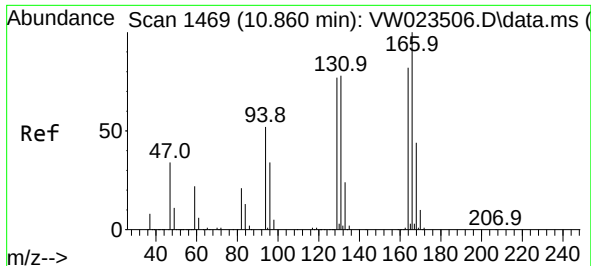
Tgt Ion: 75 Resp: 187083
Ion Ratio Lower Upper
75 100
77 32.6 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 25.691 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 97 Resp: 108286
Ion Ratio Lower Upper
97 100
99 61.3 44.7 82.9
83 85.8 58.4 108.4
85 54.2 38.7 71.9

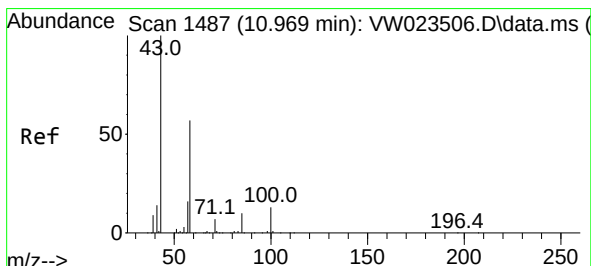
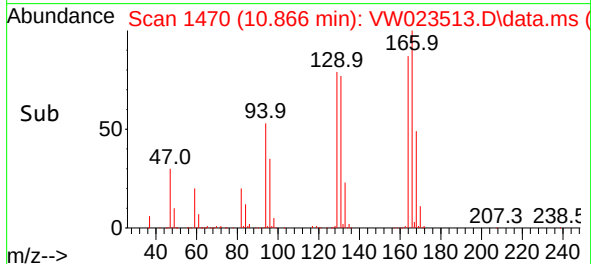
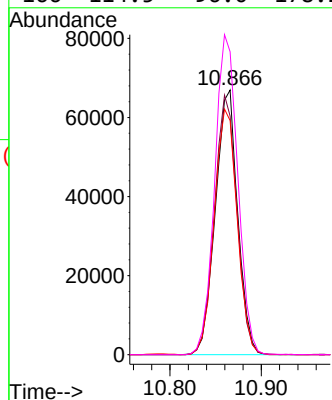
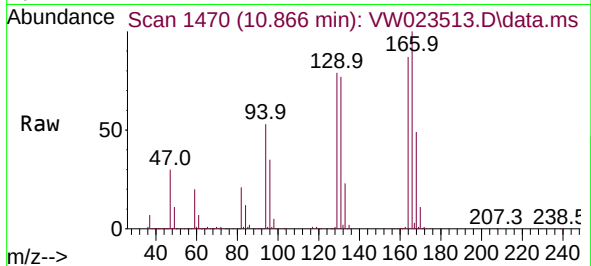




#46
Tetrachloroethene
Concen: 26.185 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

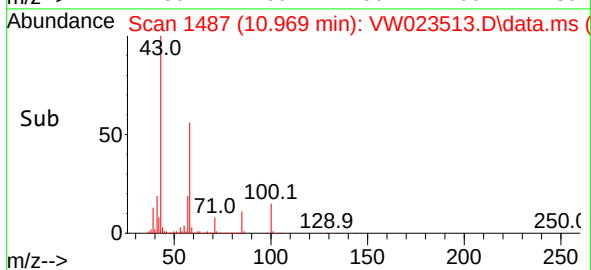
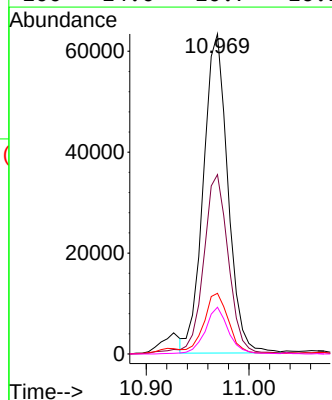
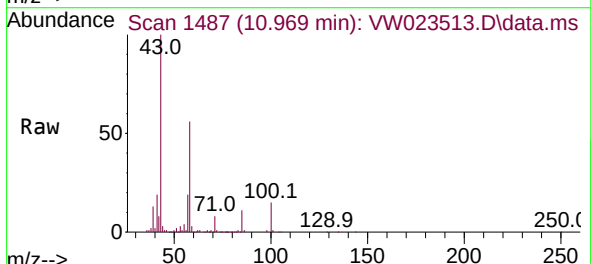
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

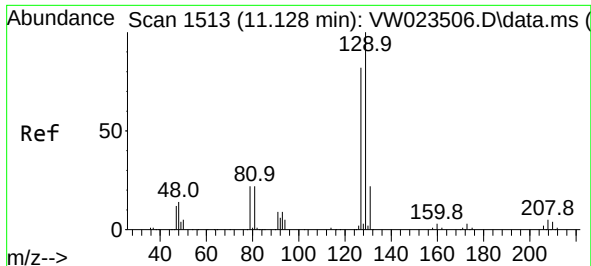
Tgt Ion:164 Resp: 113764
Ion Ratio Lower Upper
164 100
129 90.2 76.9 142.7
131 88.5 75.1 139.5
166 114.5 96.0 178.2



#48
2-Hexanone
Concen: 52.961 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 43 Resp: 104749
Ion Ratio Lower Upper
43 100
58 57.6 45.9 68.9
57 19.6 16.2 24.2
100 14.0 10.7 16.1

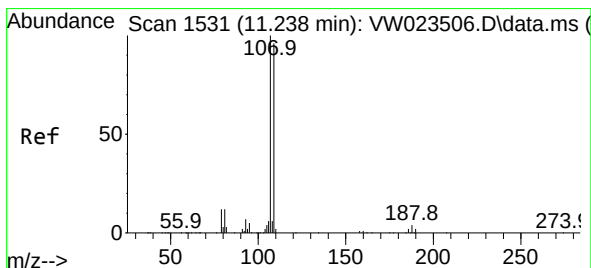
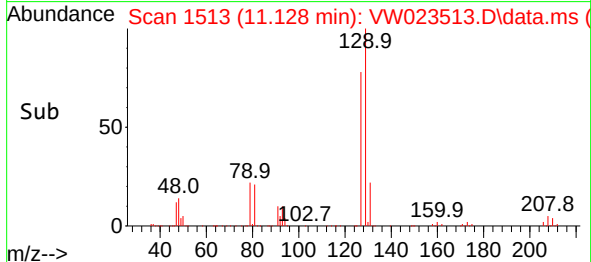
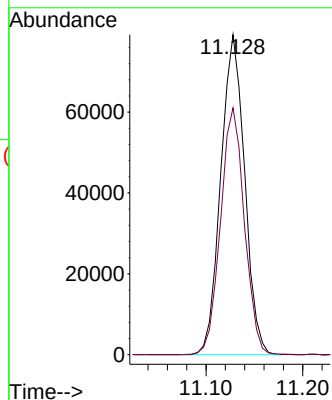
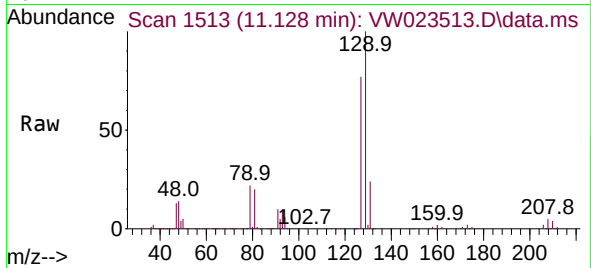




#49
Dibromochloromethane
Concen: 27.451 ug/L
RT: 11.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

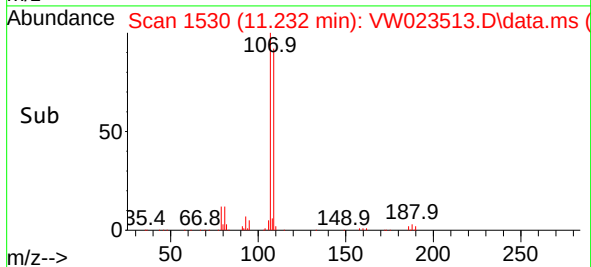
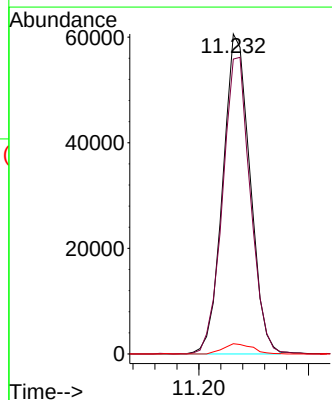
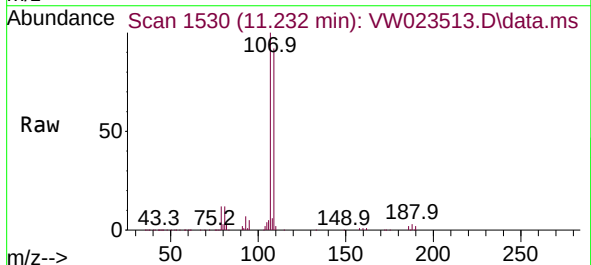
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

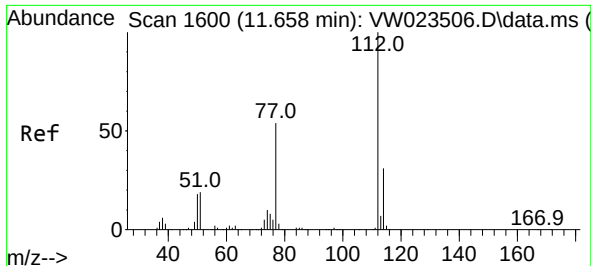
Tgt Ion:129 Resp: 135505
Ion Ratio Lower Upper
129 100
127 77.1 53.8 100.0



#50
1,2-Dibromoethane
Concen: 26.524 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion:107 Resp: 104505
Ion Ratio Lower Upper
107 100
109 92.1 67.5 125.4
188 3.2 2.9 4.3

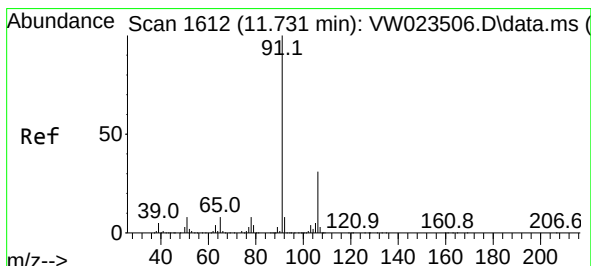
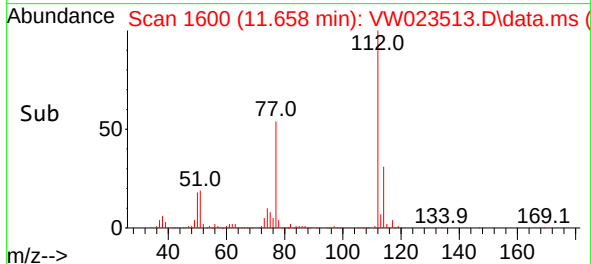
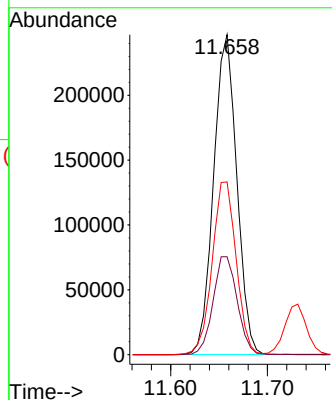
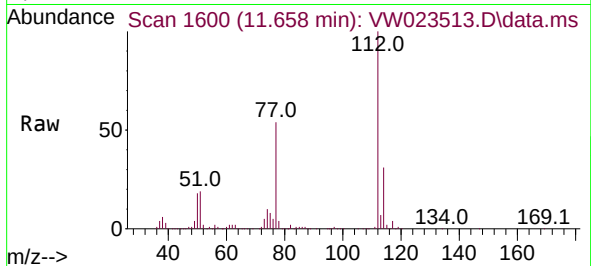




#51
Chlorobenzene
Concen: 25.908 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

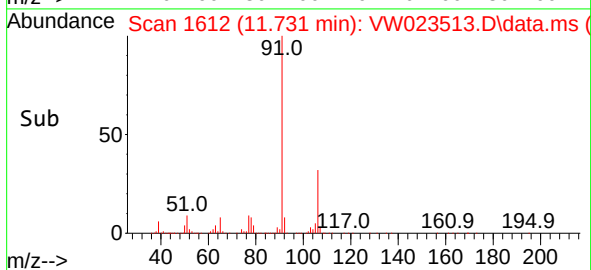
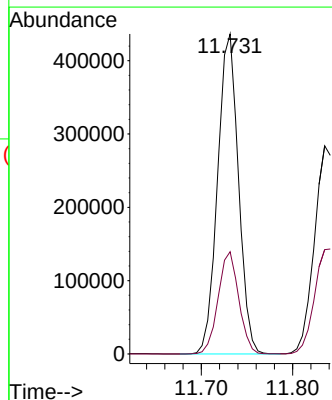
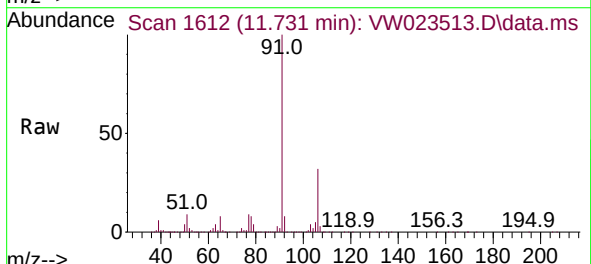
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

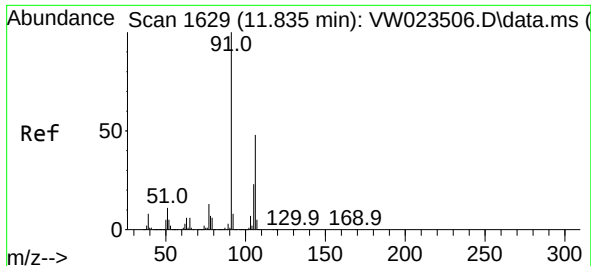
Tgt Ion:112 Resp: 410176
Ion Ratio Lower Upper
112 100
114 30.6 22.0 41.0
77 54.0 42.6 63.8



#52
Ethylbenzene
Concen: 25.956 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion: 91 Resp: 692039
Ion Ratio Lower Upper
91 100
106 32.0 22.3 41.3

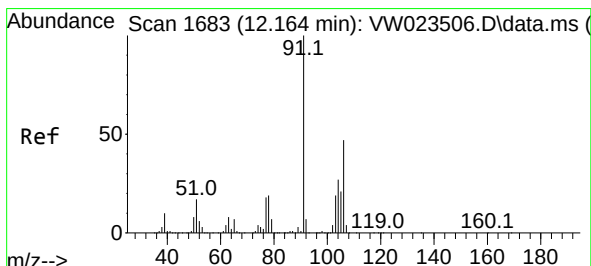
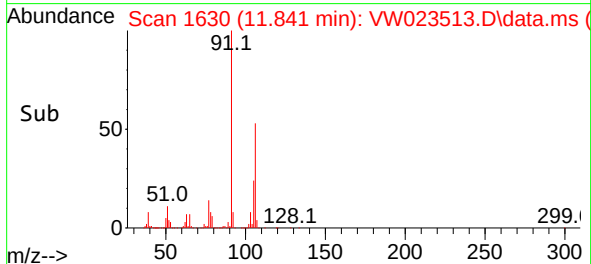
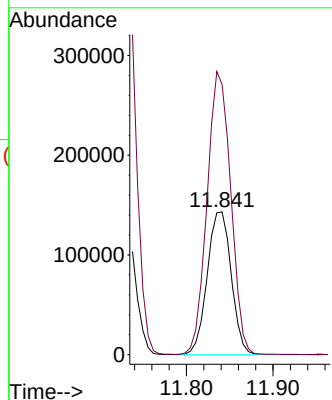
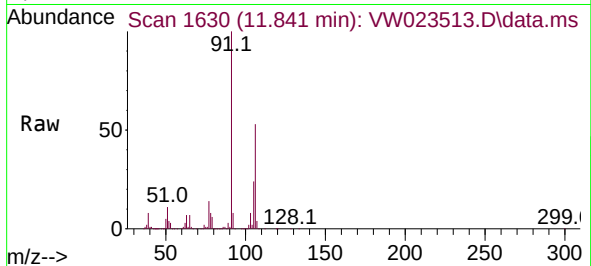




#53
m,p-Xylene
Concen: 26.578 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

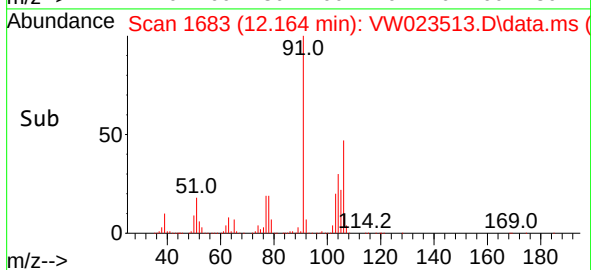
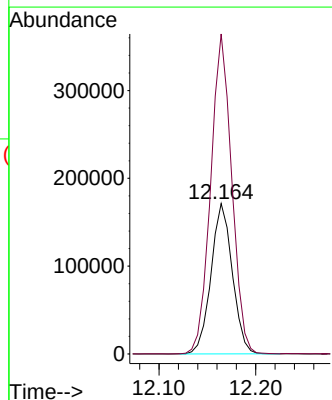
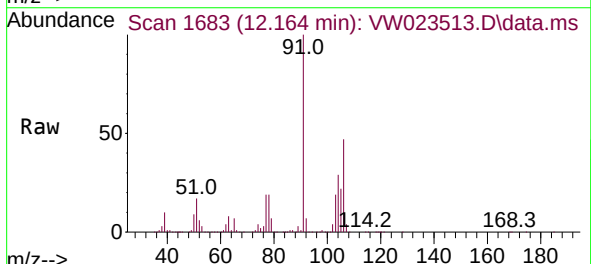
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

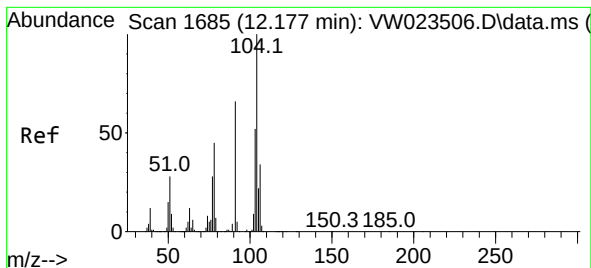
Tgt Ion:106 Resp: 275792
Ion Ratio Lower Upper
106 100
91 189.3 136.8 254.0



#54
o-Xylene
Concen: 26.446 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion:106 Resp: 262246
Ion Ratio Lower Upper
106 100
91 212.7 147.2 273.4





#55

Styrene

Concen: 26.669 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

Instrument :

MSVOA_W

ClientSampleId :

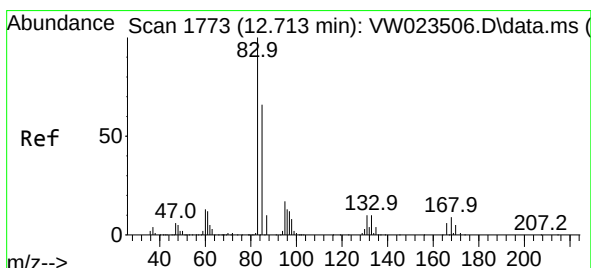
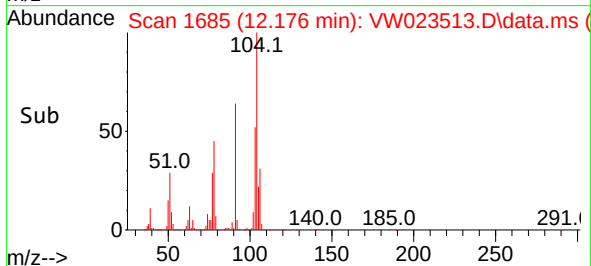
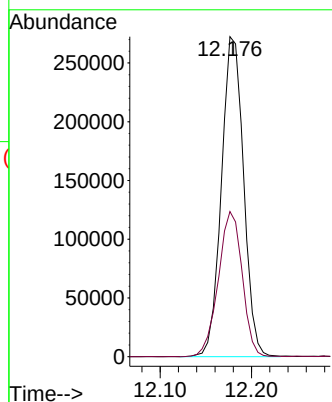
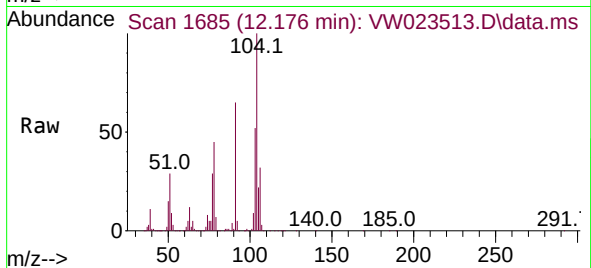
VSTD025580

Tgt Ion:104 Resp: 459824

Ion Ratio Lower Upper

104 100

78 45.4 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.991 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

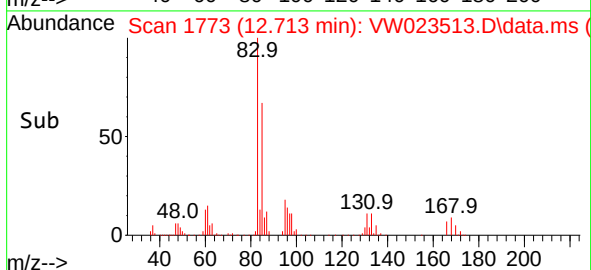
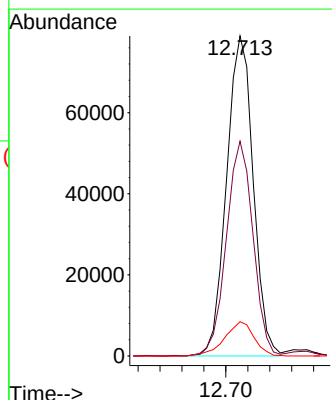
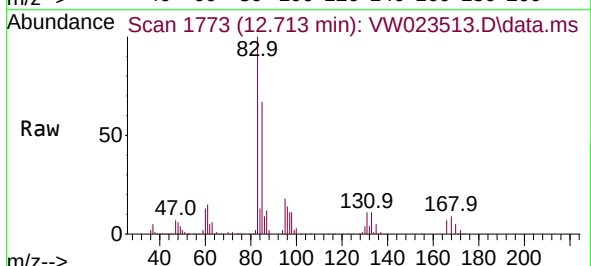
Tgt Ion: 83 Resp: 133037

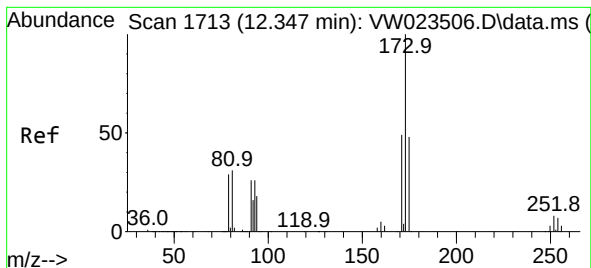
Ion Ratio Lower Upper

83 100

85 67.1 47.5 88.1

131 10.7 8.7 13.1





#59

Bromoform

Concen: 26.060 ug/L

RT: 12.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

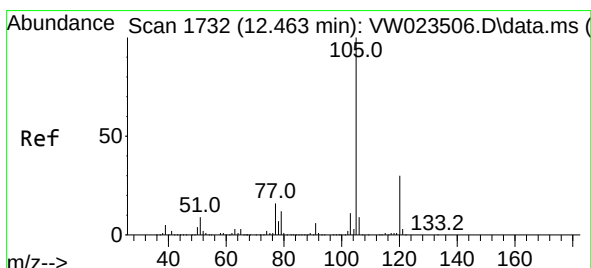
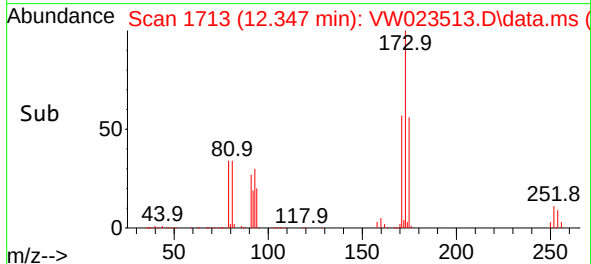
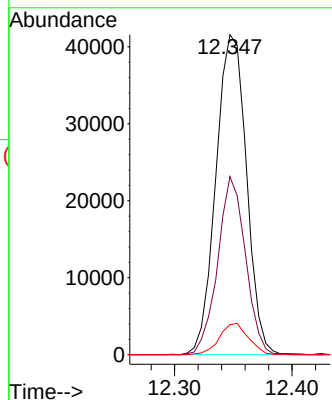
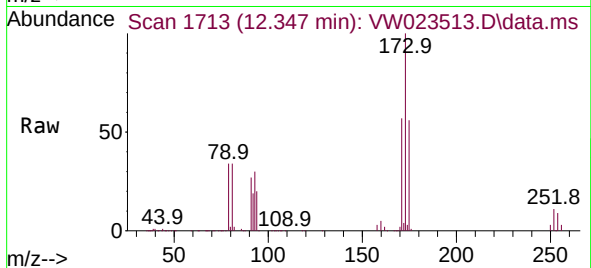
Tgt Ion:173 Resp: 75103

Ion Ratio Lower Upper

173 100

175 50.7 38.1 57.1

254 9.3 6.5 9.7



#60

Isopropylbenzene

Concen: 25.450 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

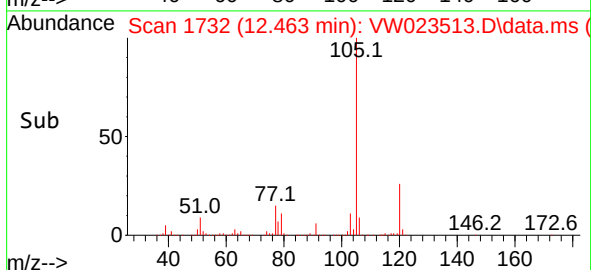
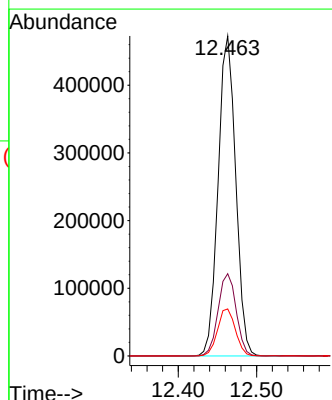
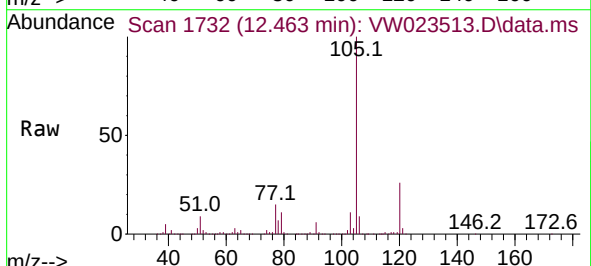
Tgt Ion:105 Resp: 738577

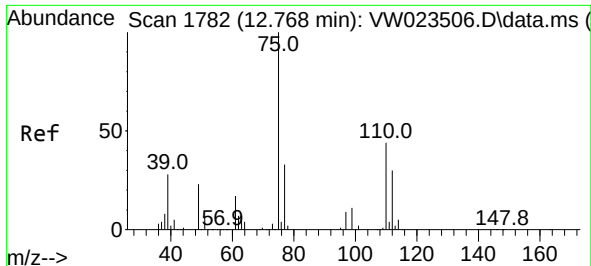
Ion Ratio Lower Upper

105 100

120 26.4 21.3 31.9

77 15.0 12.6 19.0

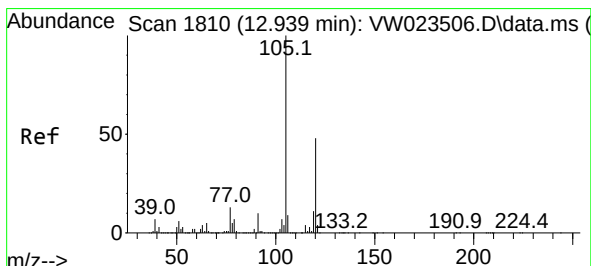
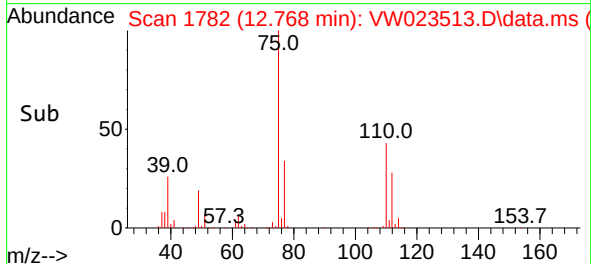
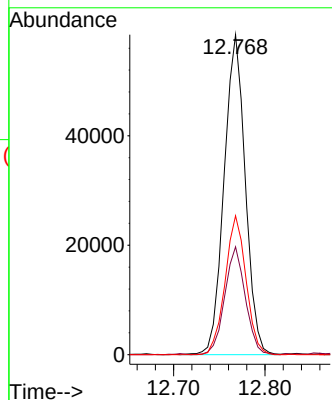
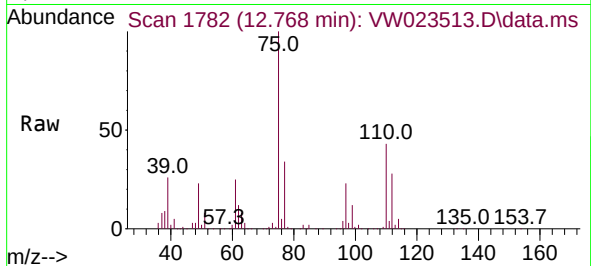




#61
1,2,3-Trichloropropane
Concen: 24.462 ug/L
RT: 12.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

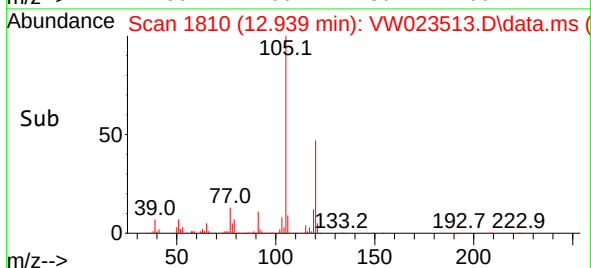
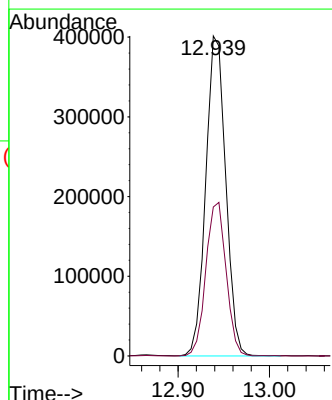
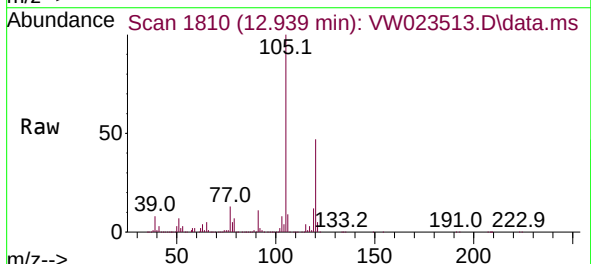
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

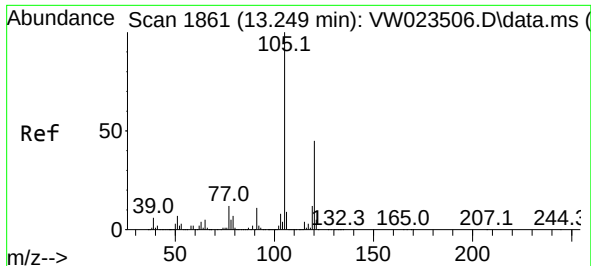
Tgt Ion: 75 Resp: 94366
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 42.7 34.1 51.1



#62
1,3,5-Trimethylbenzene
Concen: 25.640 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion:105 Resp: 608552
Ion Ratio Lower Upper
105 100
120 48.6 38.9 58.3

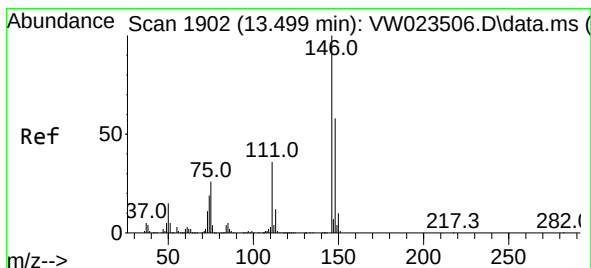
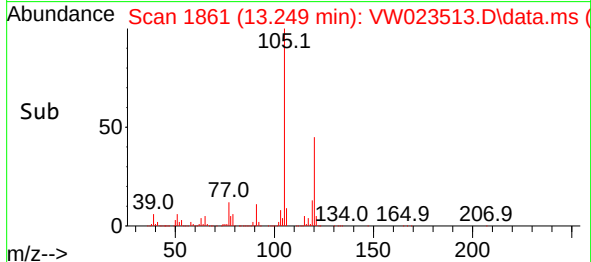
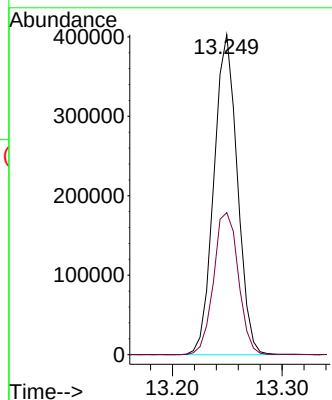
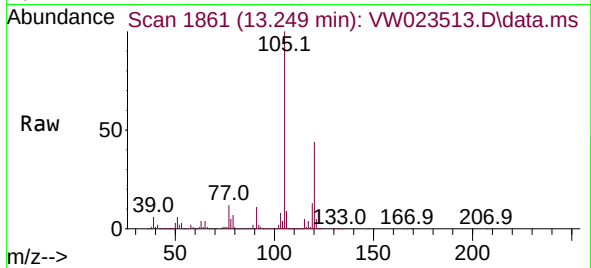




#63
1,2,4-Trimethylbenzene
Concen: 25.215 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

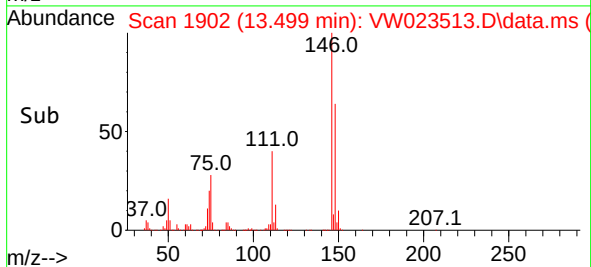
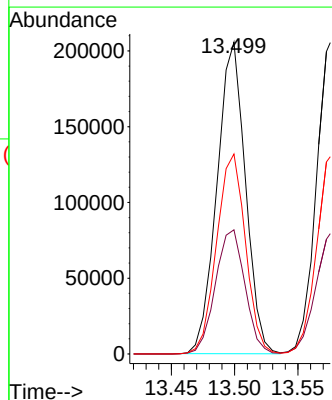
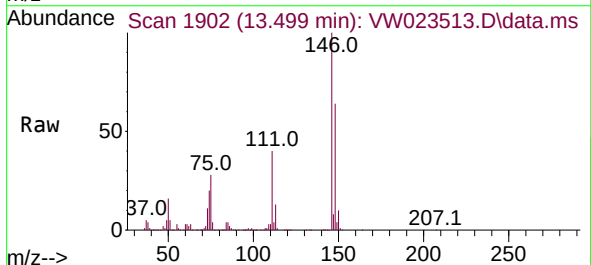
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

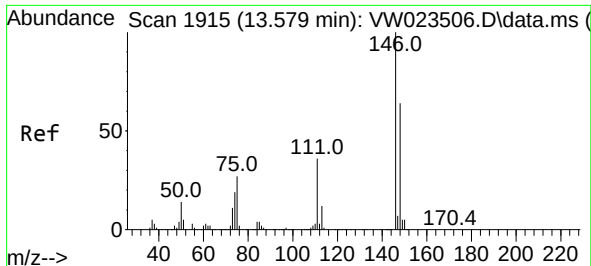
Tgt Ion:105 Resp: 598916
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 24.995 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion:146 Resp: 321795
Ion Ratio Lower Upper
146 100
111 39.8 29.5 54.9
148 64.1 48.6 90.2

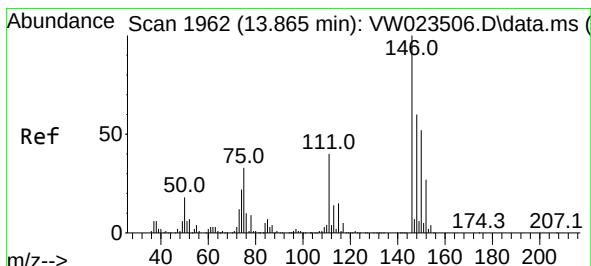
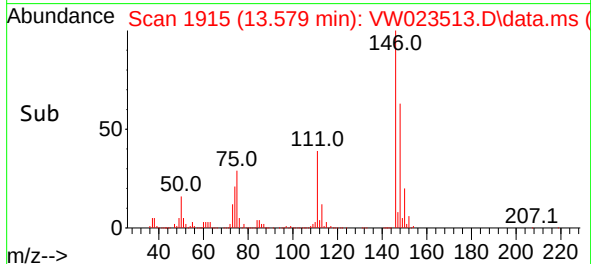
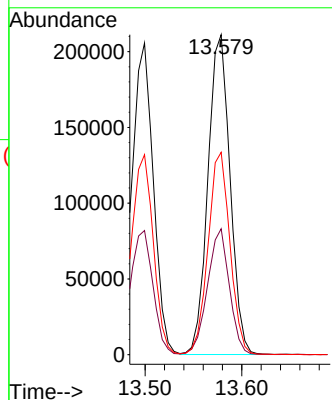
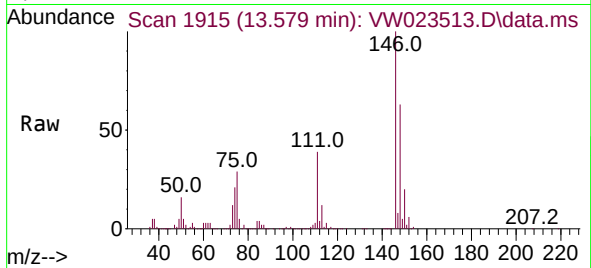




#65
1,4-Dichlorobenzene
Concen: 25.531 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

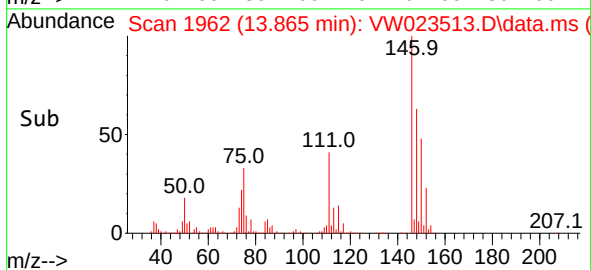
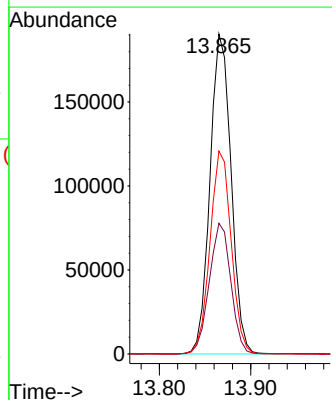
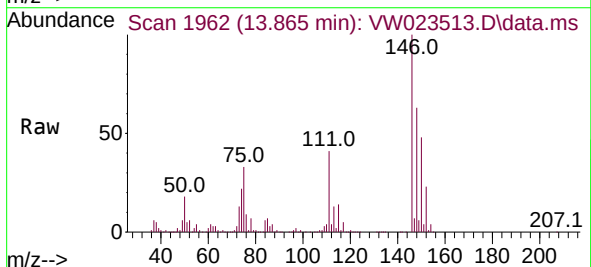
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

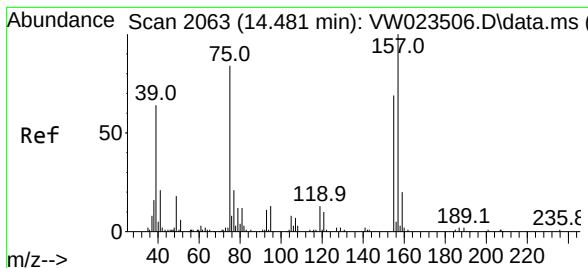
Tgt Ion:146 Resp: 335635
Ion Ratio Lower Upper
146 100
111 39.4 27.2 50.4
148 63.3 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 25.845 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion:146 Resp: 304769
Ion Ratio Lower Upper
146 100
111 40.9 35.7 53.5
148 63.4 52.6 79.0

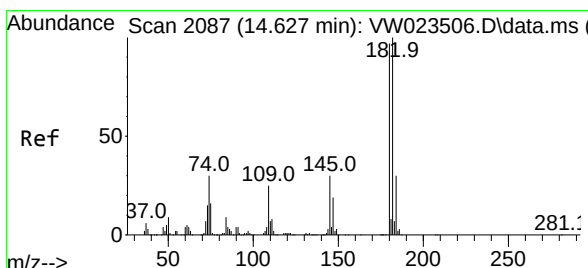
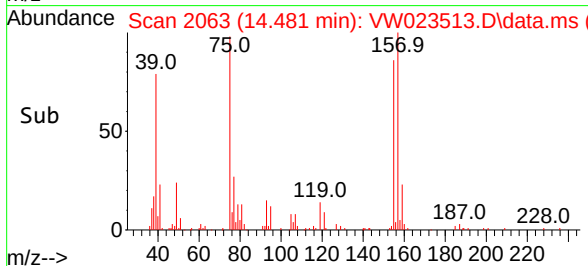
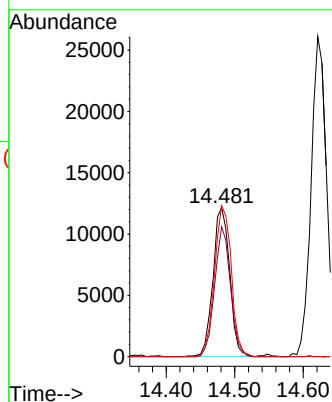
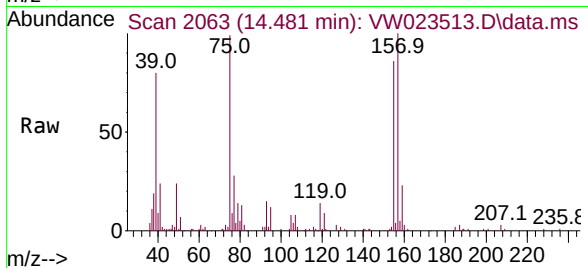




#68
1,2-Dibromo-3-chloropropane
Concen: 24.268 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

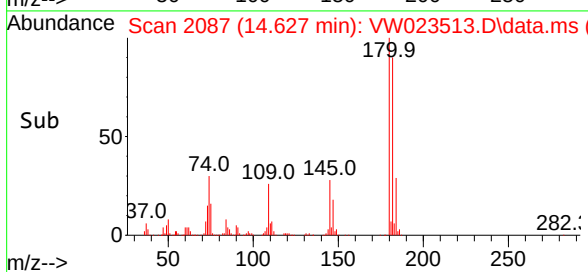
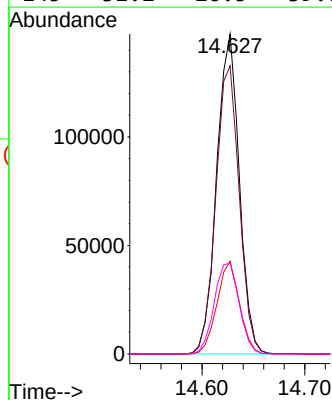
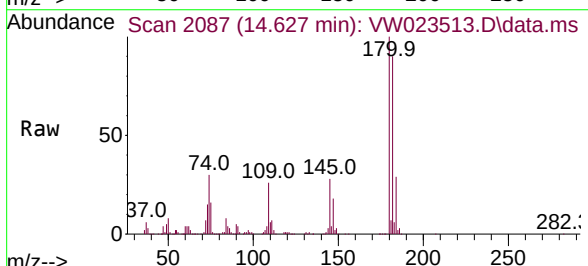
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

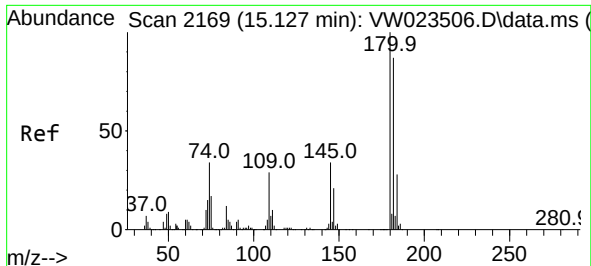
Tgt Ion: 75 Resp: 20672
Ion Ratio Lower Upper
75 100
155 87.1 59.3 88.9
157 101.3 89.8 134.8



#69
1,3,5-Trichlorobenzene
Concen: 26.808 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023513.D
Acq: 24 Jun 2022 09:58

Tgt Ion:180 Resp: 225522
Ion Ratio Lower Upper
180 100
182 92.9 74.8 112.2
184 28.8 23.4 35.2
145 31.2 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 27.187 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

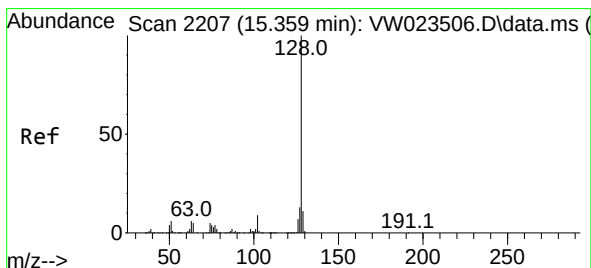
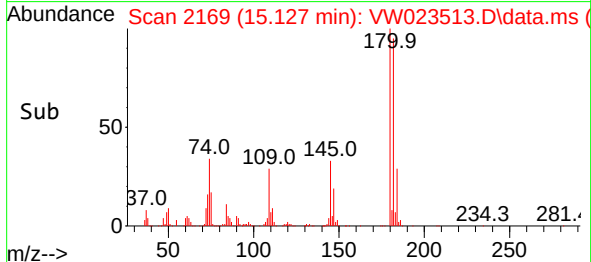
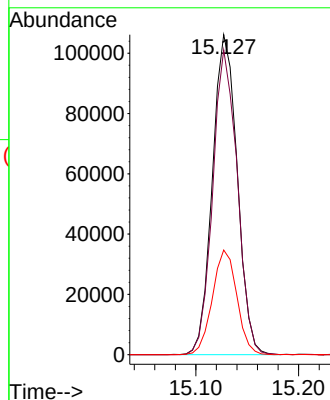
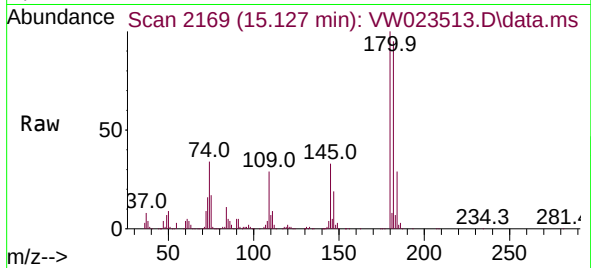
Tgt Ion:180 Resp: 178091

Ion Ratio Lower Upper

180 100

182 94.1 74.9 112.3

145 32.2 26.6 39.8



#71

Naphthalene

Concen: 27.352 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW023513.D

Acq: 24 Jun 2022 09:58

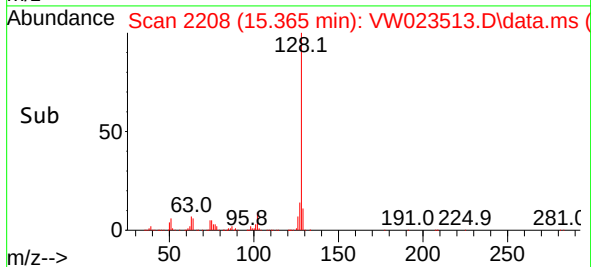
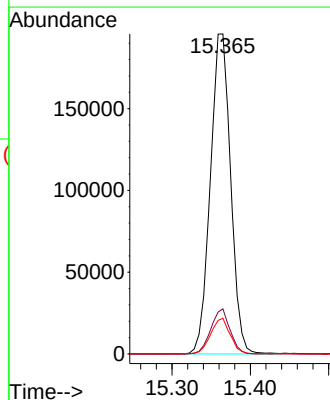
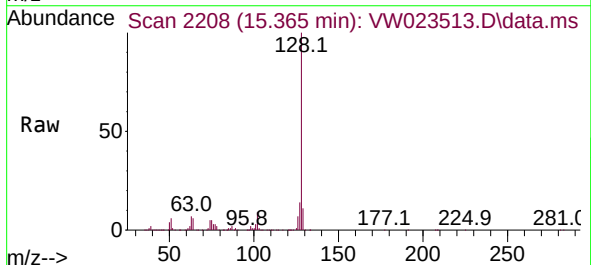
Tgt Ion:128 Resp: 352460

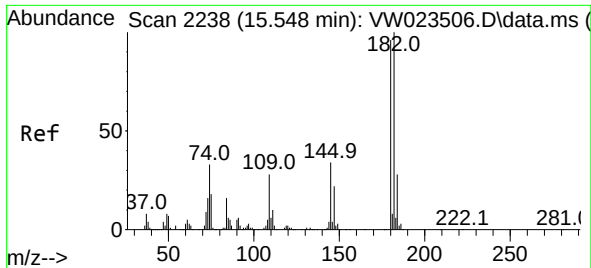
Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

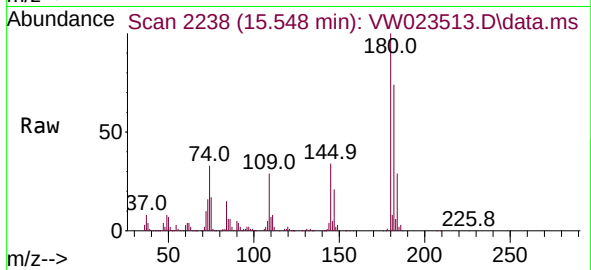
129 10.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 27.087 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW023513.D
 Acq: 24 Jun 2022 09:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580



Tgt Ion:180 Resp: 154254
 Ion Ratio Lower Upper
 180 100
 182 90.2 73.5 110.3
 145 34.6 27.9 41.9

