

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
 Data File : VW023851.D
 Acq On : 18 Jul 2022 19:25
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Jul 19 01:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 19 01:05:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	212234	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	228412	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	142921	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	158396	29.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.880%
7) Chloroethane-d5	2.873	69	104005	28.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.040%
11) 1,1-Dichloroethene-d2	4.013	63	89189	20.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.840%
21) 2-Butanone-d5	7.080	46	42652	50.728	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.460%
24) Chloroform-d	7.647	84	148114	23.970	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.880%
26) 1,2-Dichloroethane-d4	8.305	65	90267	23.885	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.560%
32) Benzene-d6	8.269	84	273267	23.015	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.040%
36) 1,2-Dichloropropane-d6	9.275	67	86446	24.170	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.680%
41) Toluene-d8	10.323	98	279192	23.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	10.573	79	39223	23.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.921	63	39932	53.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	105070	26.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	118130	23.154	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	39822	27.611	ug/L	98
3) Chloromethane	2.215	50	100675	28.504	ug/L	99
5) Vinyl chloride	2.355	62	179306	29.564	ug/L	99
6) Bromomethane	2.770	94	94953	24.205	ug/L	98
8) Chloroethane	2.916	64	78567	27.690	ug/L	94
9) Trichlorofluoromethane	3.245	101	71457	25.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	56659	21.000	ug/L #	89
12) 1,1-Dichloroethene	4.032	96	46647	20.734	ug/L	88
13) Acetone	4.129	43	25631	43.117	ug/L	92
14) Carbon disulfide	4.379	76	120841	18.259	ug/L	96
15) Methyl Acetate	4.672	43	32097	24.125	ug/L	99
16) Methylene chloride	4.916	84	70728	21.312	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	61058	22.369	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	100650	23.834	ug/L #	89
19) 1,1-Dichloroethane	6.208	63	117632	23.362	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	71195	23.543	ug/L	96
22) 2-Butanone	7.177	43	47898	49.030	ug/L	95
23) Bromochloromethane	7.513	128	36629	25.214	ug/L	98
25) Chloroform	7.677	83	139353	24.024	ug/L	98

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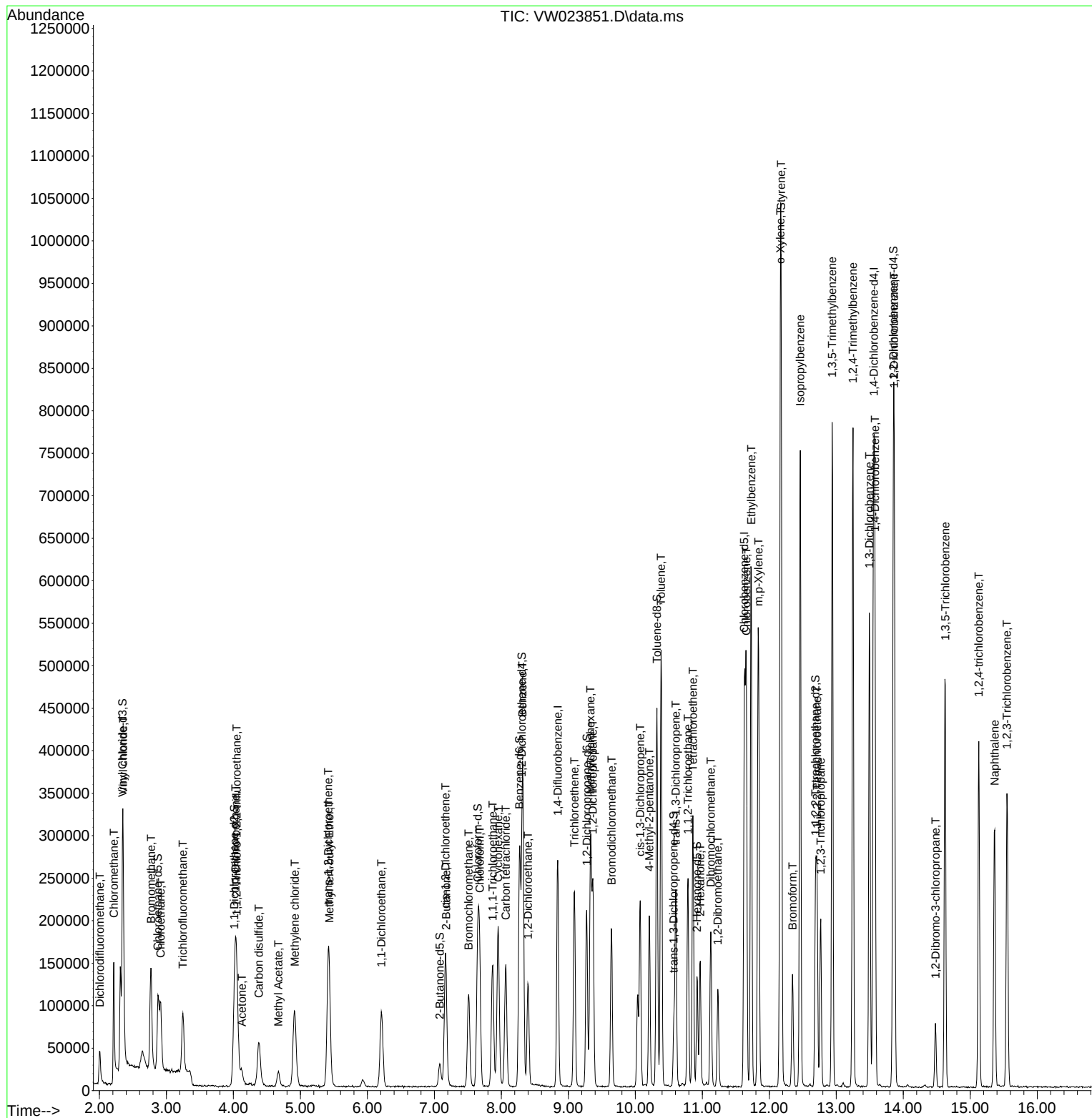
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27) 1,2-Dichloroethane	8.397	62	106425	24.929	ug/L	99
29) Cyclohexane	7.952	56	88059	21.079	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	107373	21.711	ug/L	97
31) Carbon tetrachloride	8.067	117	96452	21.635	ug/L	98
33) Benzene	8.317	78	297636	22.930	ug/L	100
34) Trichloroethene	9.092	95	74416	21.711	ug/L	94
35) Methylcyclohexane	9.329	83	110969	21.261	ug/L	98
37) 1,2-Dichloropropane	9.366	63	79127	24.316	ug/L	99
38) Bromodichloromethane	9.646	83	113380	24.964	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	112728	22.983	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	124808	55.116	ug/L	98
42) Toluene	10.384	91	362766	24.506	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	109720	23.536	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	69088	24.281	ug/L	96
46) Tetrachloroethene	10.860	164	58856	22.207	ug/L	91
48) 2-Hexanone	10.969	43	92696	56.224	ug/L	99
49) Dibromochloromethane	11.128	129	86366	26.173	ug/L	100
50) 1,2-Dibromoethane	11.232	107	67422	24.664	ug/L #	97
51) Chlorobenzene	11.658	112	238662	23.905	ug/L	95
52) Ethylbenzene	11.731	91	411987	24.491	ug/L	98
53) m,p-Xylene	11.841	106	161939	24.674	ug/L	95
54) o-Xylene	12.164	106	163854	25.996	ug/L	99
55) Styrene	12.176	104	302213	27.141	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	104062	26.812	ug/L	95
59) Bromoform	12.347	173	50924	24.164	ug/L #	99
60) Isopropylbenzene	12.463	105	454848	23.692	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	73777	23.542	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	376059	23.925	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	380610	24.220	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	204188	23.425	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	217009	23.400	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	201207	24.475	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17101	23.659	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	128189	22.218	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	108432	24.338	ug/L	97
71) Naphthalene	15.365	128	243636	25.494	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	100587	24.223	ug/L	98

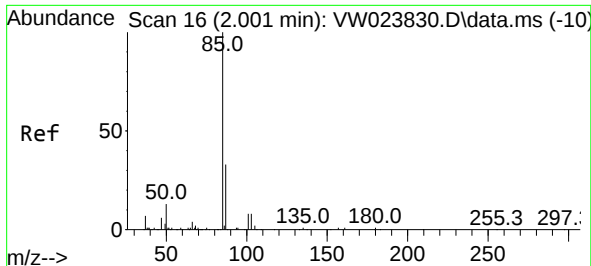
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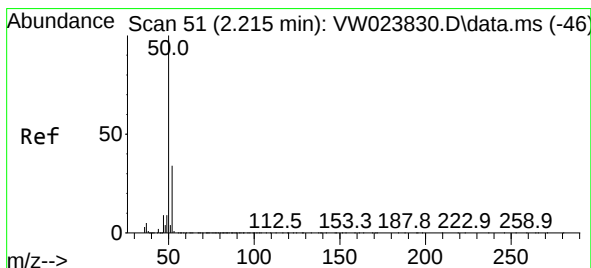
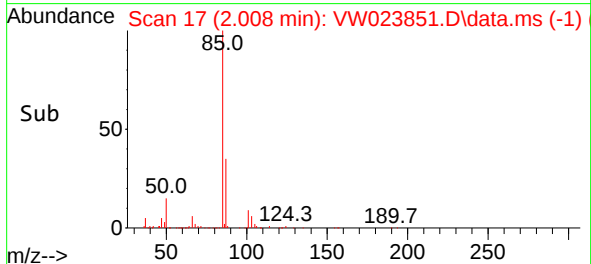
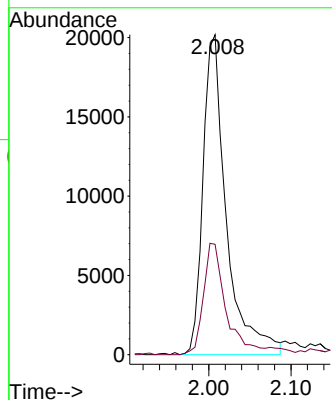
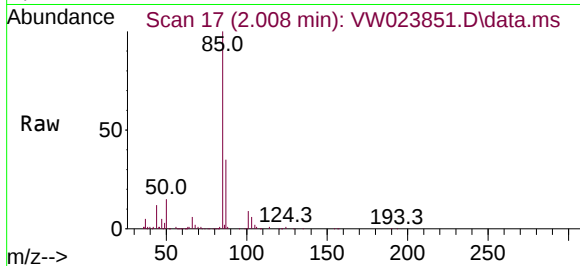




#2
 Dichlorodifluoromethane
 Concen: 27.611 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW023851.D
 Acq: 18 Jul 2022 19:25

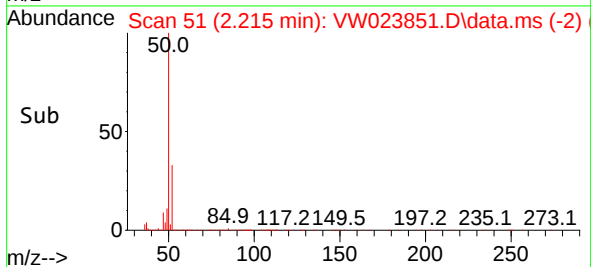
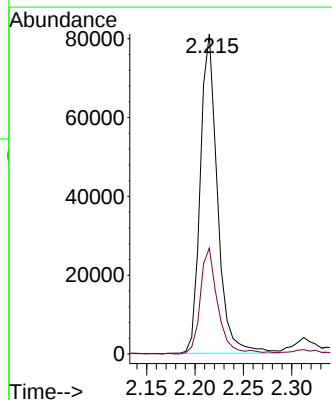
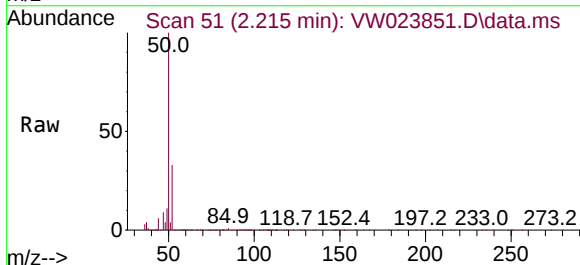
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 ClientSampleId :
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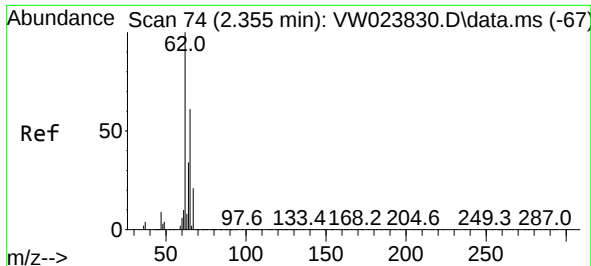
Tgt Ion: 85 Resp: 39822
 Ion Ratio Lower Upper
 85 100
 87 32.2 24.7 37.1



#3
 Chloromethane
 Concen: 28.504 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023851.D
 Acq: 18 Jul 2022 19:25

Tgt Ion: 50 Resp: 100675
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 44.1

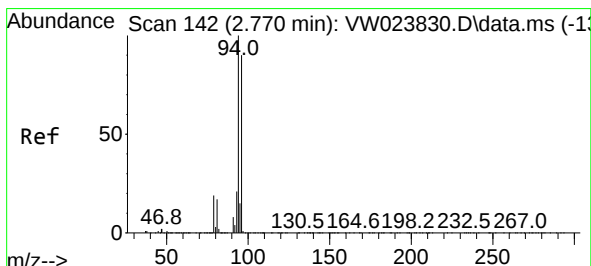
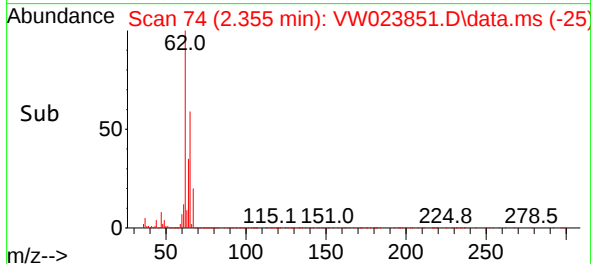
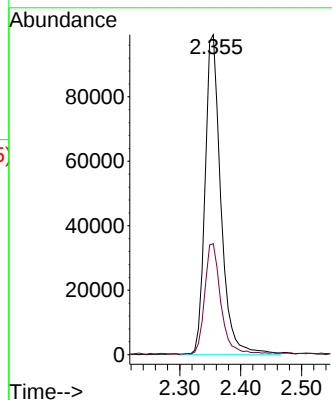
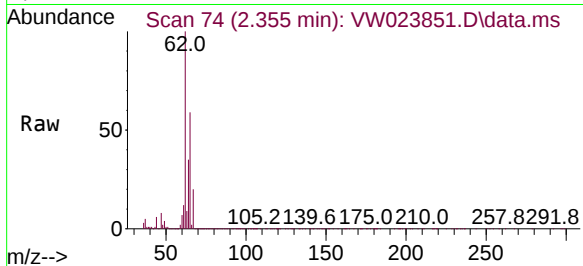




#5
 Vinyl chloride
 Concen: 29.564 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023851.D
 Acq: 18 Jul 2022 19:25

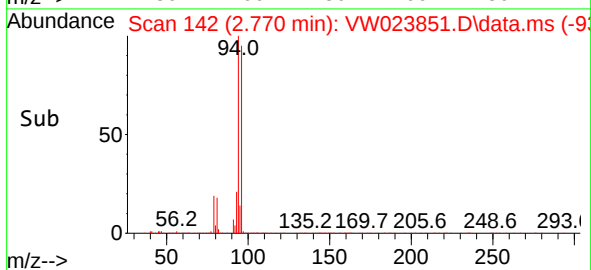
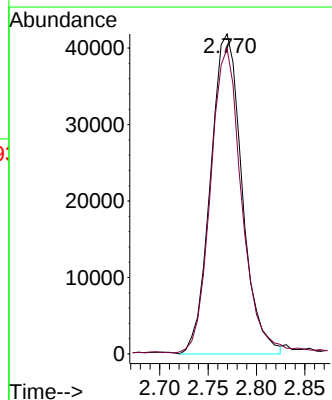
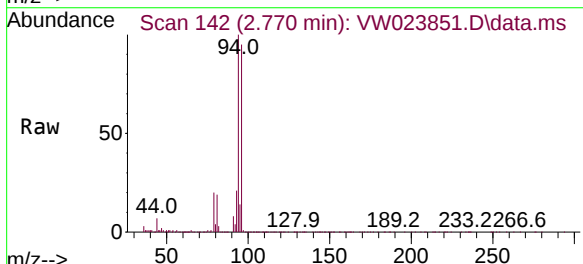
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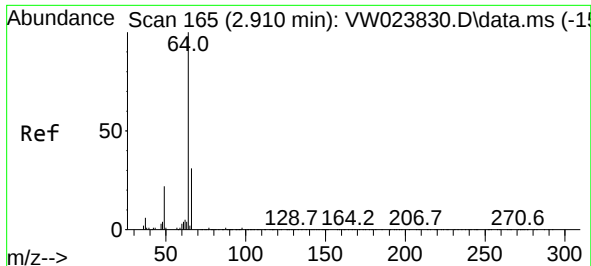
Tgt Ion: 62 Resp: 179306
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.0 44.6



#6
 Bromomethane
 Concen: 24.205 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023851.D
 Acq: 18 Jul 2022 19:25

Tgt Ion: 94 Resp: 94953
 Ion Ratio Lower Upper
 94 100
 96 95.4 68.2 126.6

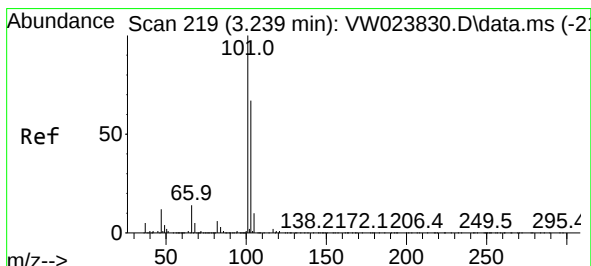
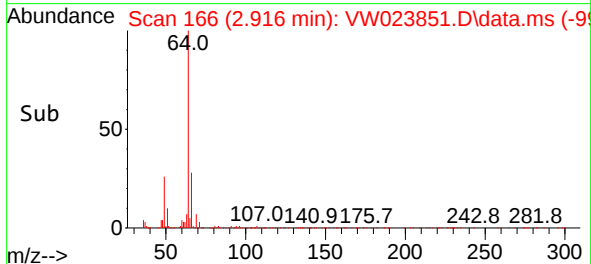
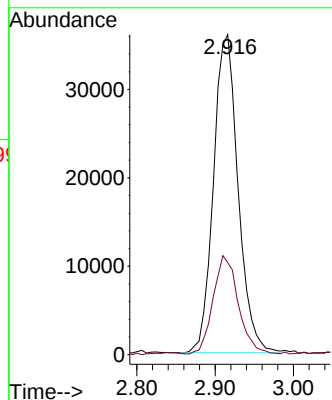
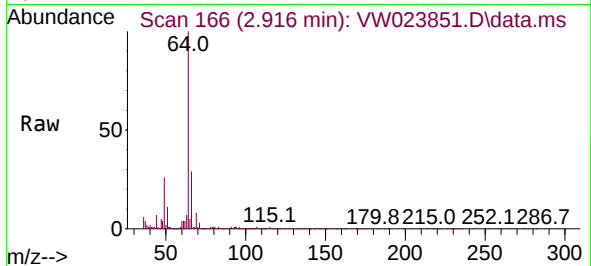




#8
Chloroethane
Concen: 27.690 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

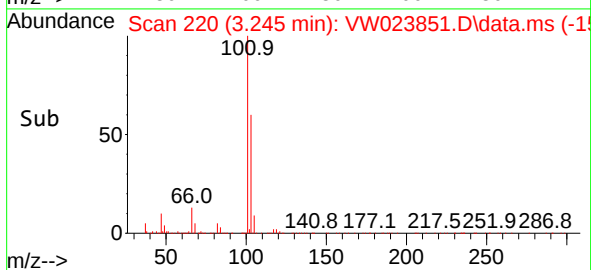
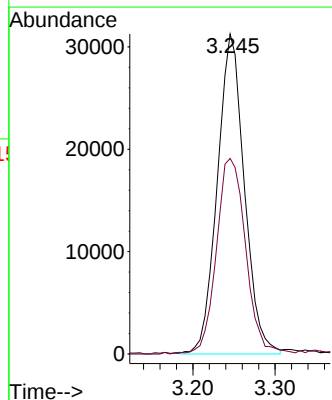
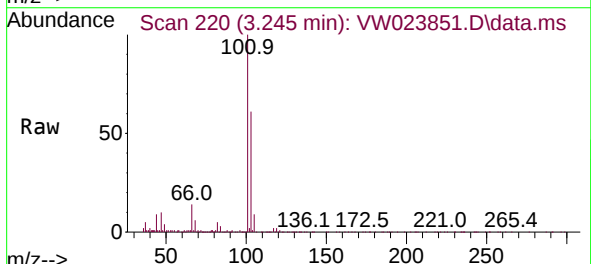
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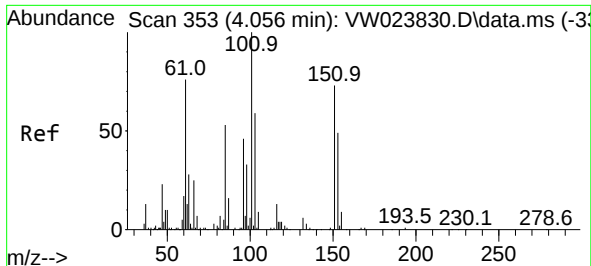
Tgt Ion: 64 Resp: 78567
Ion Ratio Lower Upper
64 100
66 28.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 25.919 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion: 101 Resp: 71457
Ion Ratio Lower Upper
101 100
103 64.1 52.1 78.1

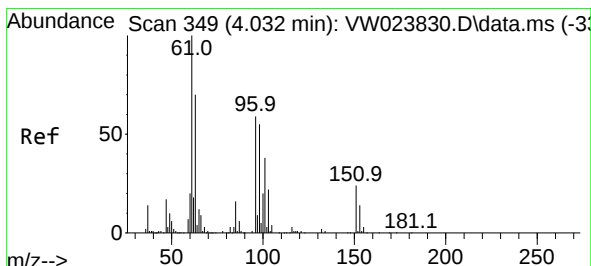
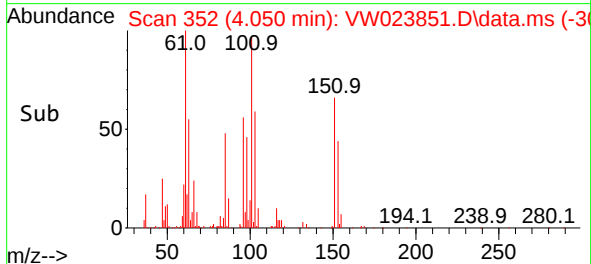
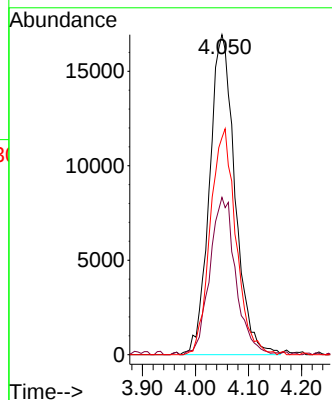
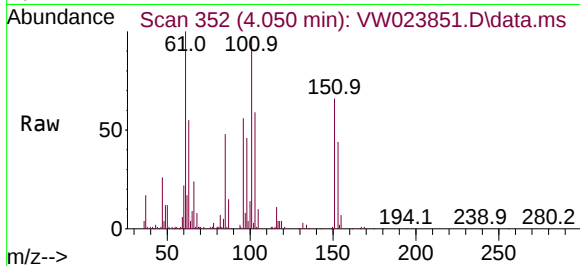




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.000 ug/L
 RT: 4.050 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW023851.D
 Acq: 18 Jul 2022 19:25

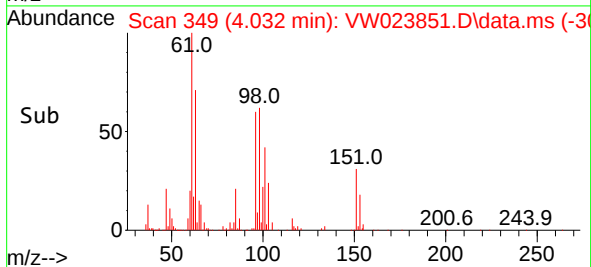
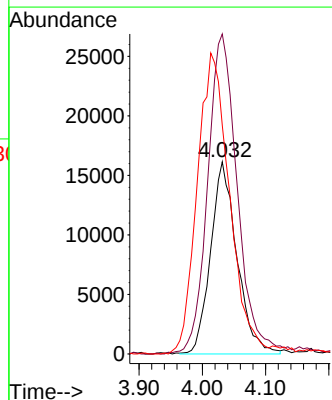
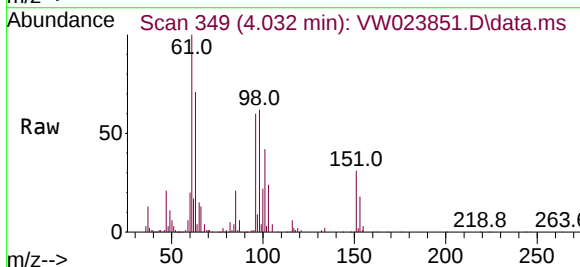
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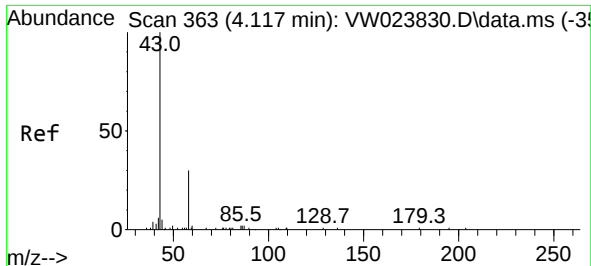
Tgt Ion:101 Resp: 56659
 Ion Ratio Lower Upper
 101 100
 85 30.9 37.6 56.4#
 151 70.7 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 20.734 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW023851.D
 Acq: 18 Jul 2022 19:25

Tgt Ion: 96 Resp: 46647
 Ion Ratio Lower Upper
 96 100
 61 166.5 125.4 232.8
 63 119.0 97.4 180.8





#13

Acetone

Concen: 43.117 ug/L

RT: 4.129 min Scan# 30

Delta R.T. 0.012 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

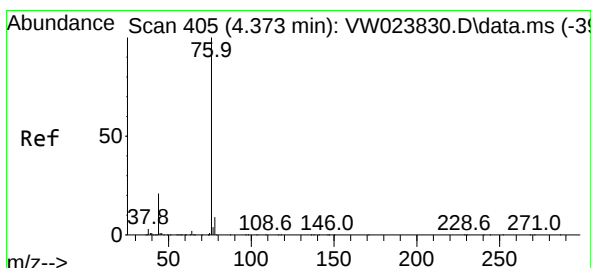
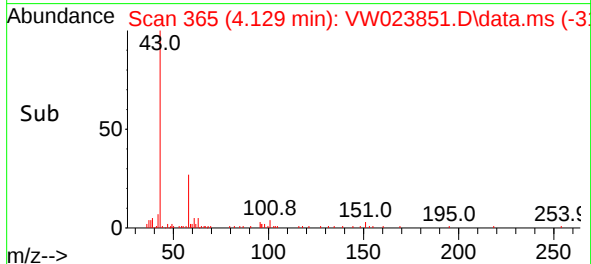
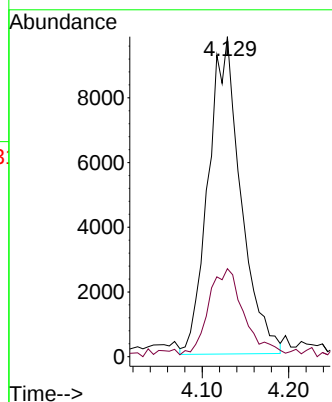
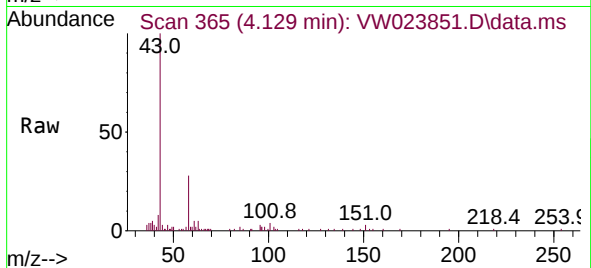
VSTD025493

Tgt Ion: 43 Resp: 25631

Ion Ratio Lower Upper

43 100

58 27.4 0.0 64.2



#14

Carbon disulfide

Concen: 18.259 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.006 min

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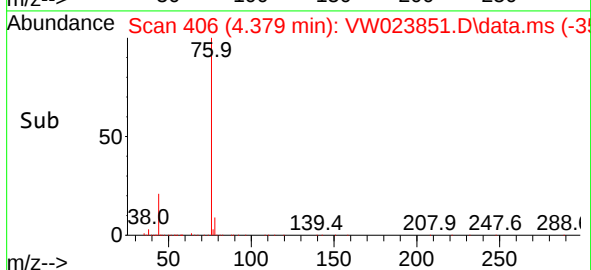
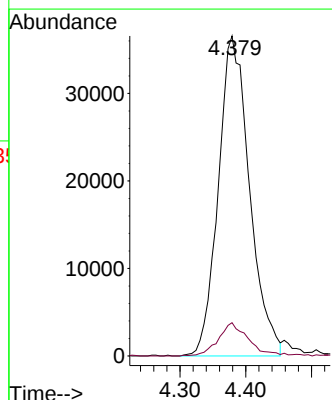
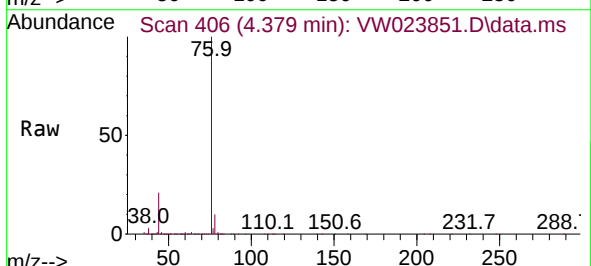
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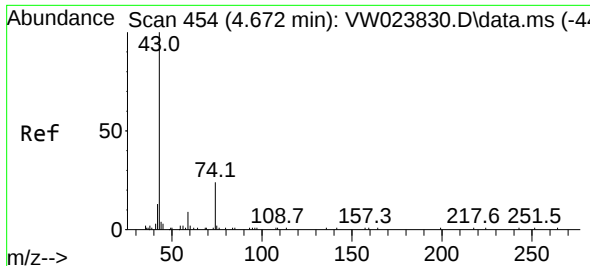
Tgt Ion: 76 Resp: 120841

Ion Ratio Lower Upper

76 100

78 10.4 7.2 10.8

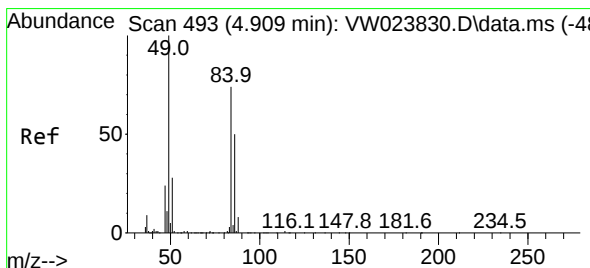
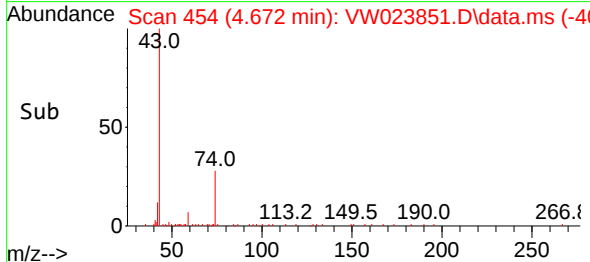
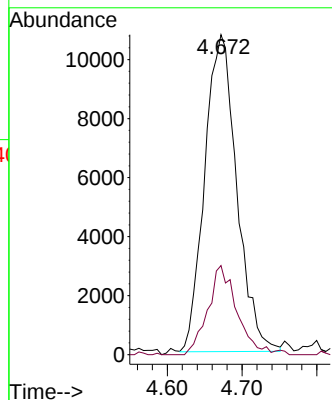
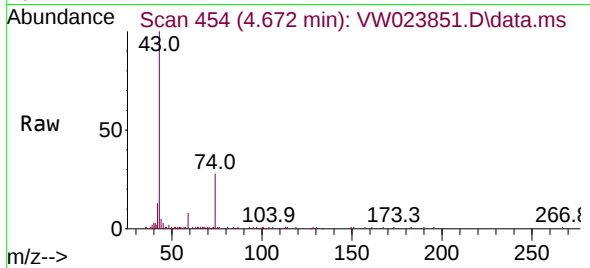




#15
Methyl Acetate
Concen: 24.125 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

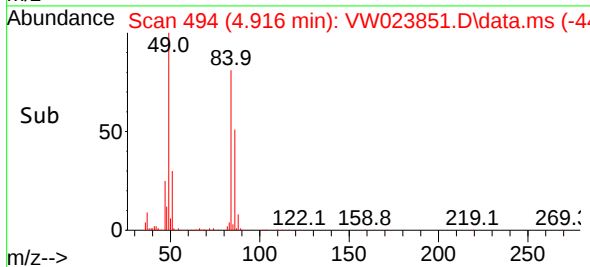
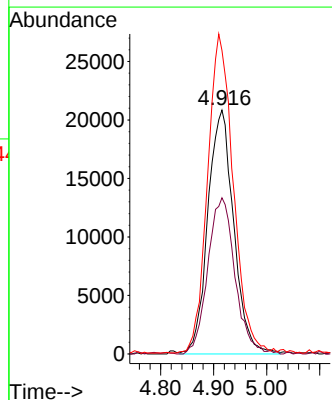
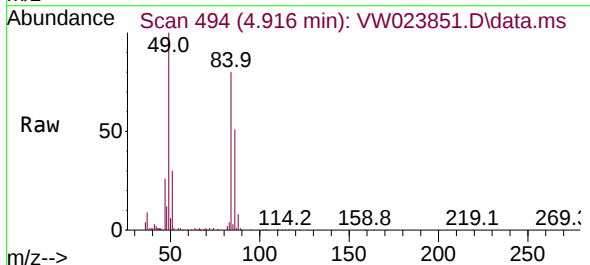
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

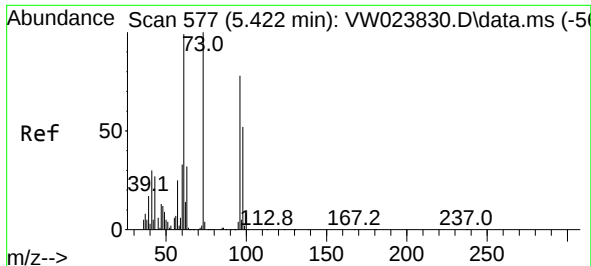
Tgt Ion: 43 Resp: 32097
Ion Ratio Lower Upper
43 100
74 24.7 20.0 30.0



#16
Methylene chloride
Concen: 21.312 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion: 84 Resp: 70728
Ion Ratio Lower Upper
84 100
86 64.0 42.8 79.6
49 124.4 85.4 158.6

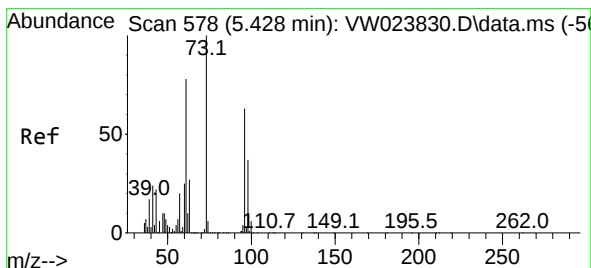
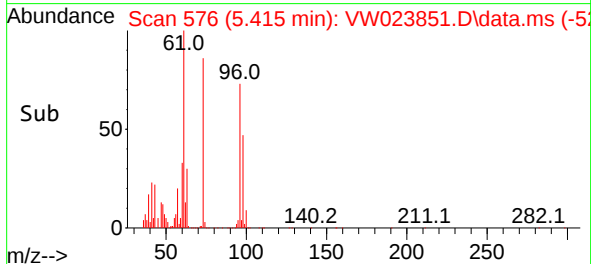
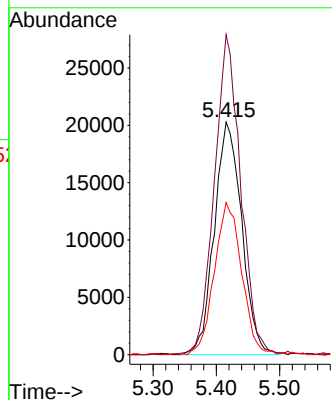
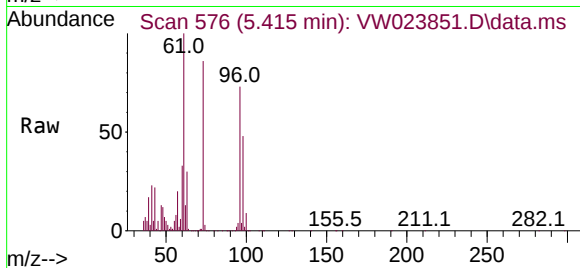




#17
trans-1,2-Dichloroethene
Concen: 22.369 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

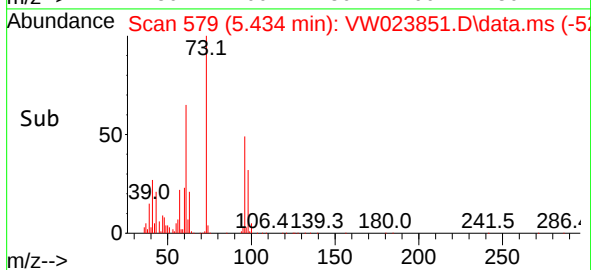
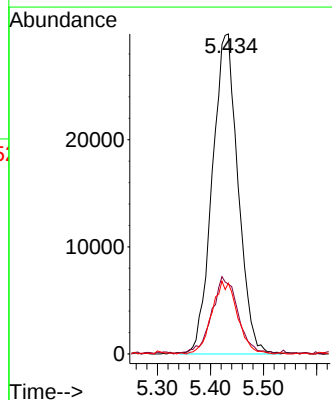
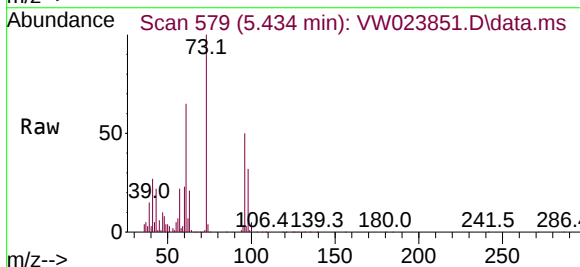
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

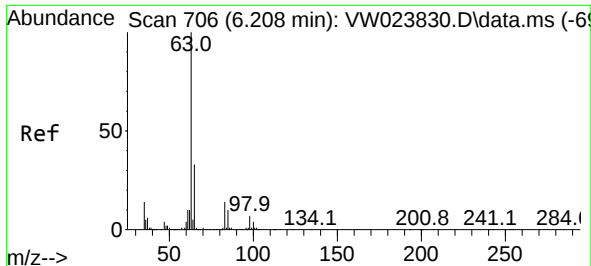
Tgt Ion: 96 Resp: 61058
Ion Ratio Lower Upper
96 100
61 137.5 90.8 168.6
98 65.4 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 23.834 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion: 73 Resp: 100650
Ion Ratio Lower Upper
73 100
43 23.9 17.6 26.4
57 12.7 16.8 25.2#

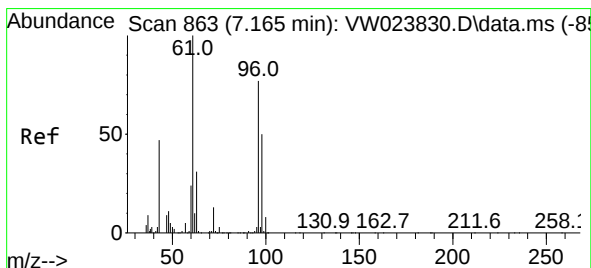
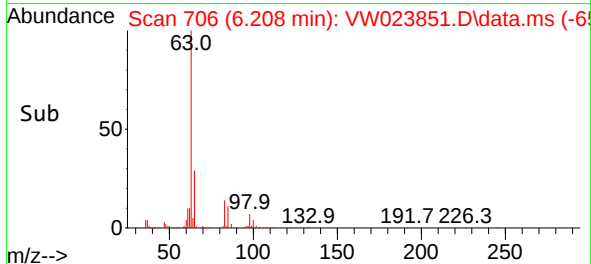
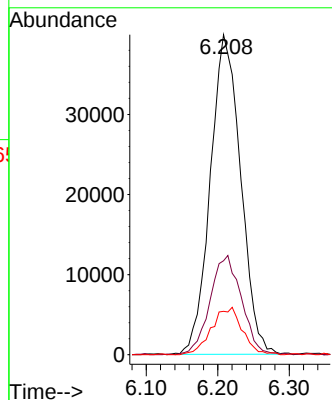
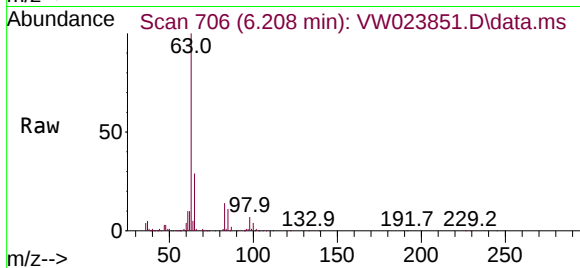




#19
1,1-Dichloroethane
Concen: 23.362 ug/L
RT: 6.208 min Scan# 706
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

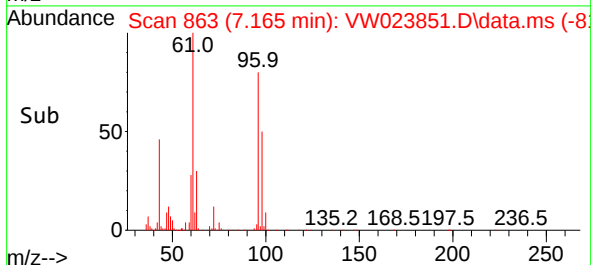
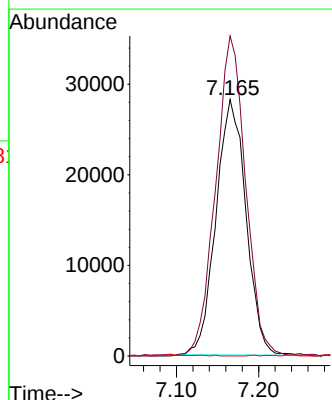
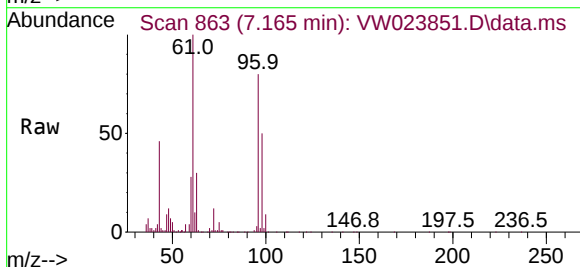
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

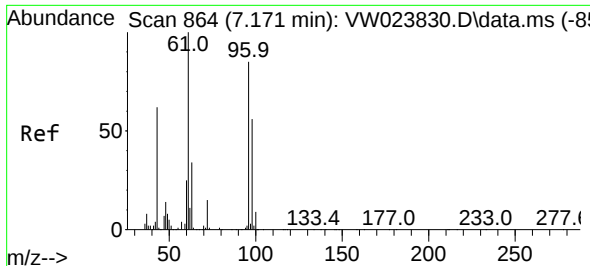
Tgt Ion: 63 Resp: 117632
Ion Ratio Lower Upper
63 100
65 29.3 22.7 42.1
83 13.6 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 23.543 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion: 96 Resp: 71195
Ion Ratio Lower Upper
96 100
61 124.7 90.6 168.2
68 0.4 0.2 0.4

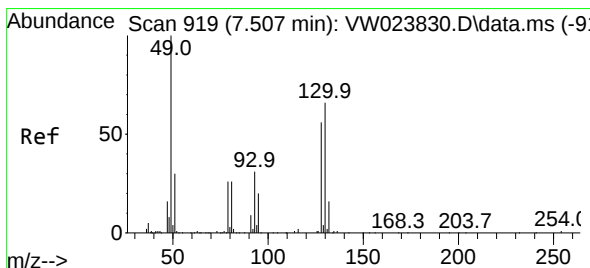
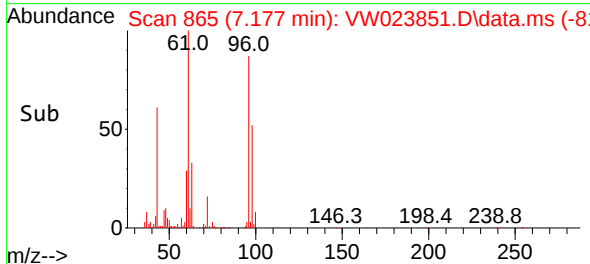
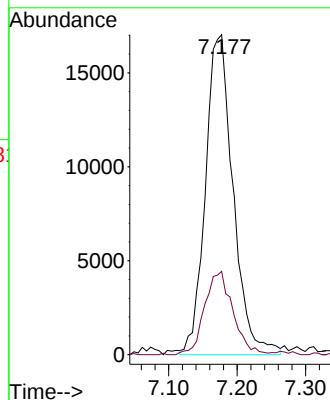
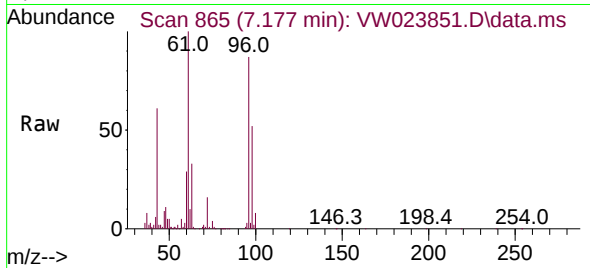




#22
2-Butanone
Concen: 49.030 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

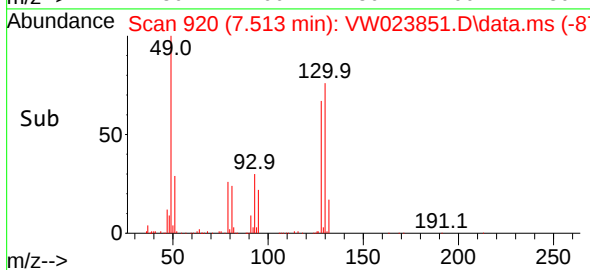
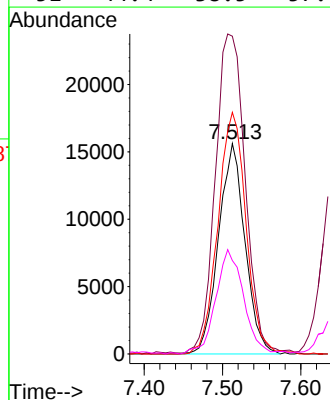
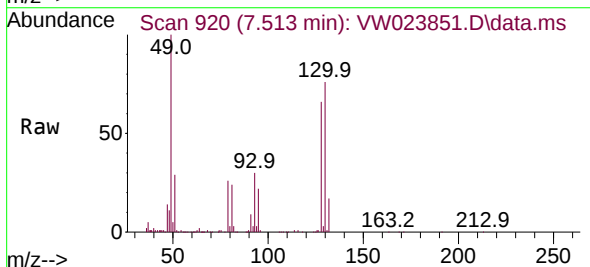
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

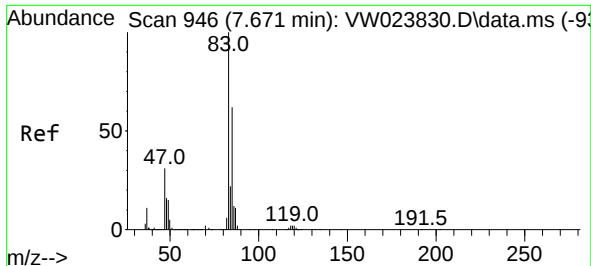
Tgt Ion: 43 Resp: 47898
Ion Ratio Lower Upper
43 100
72 26.5 14.7 44.1



#23
Bromochloromethane
Concen: 25.214 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion: 128 Resp: 36629
Ion Ratio Lower Upper
128 100
49 151.0 106.0 196.8
130 114.9 83.2 154.4
51 44.4 38.5 57.7

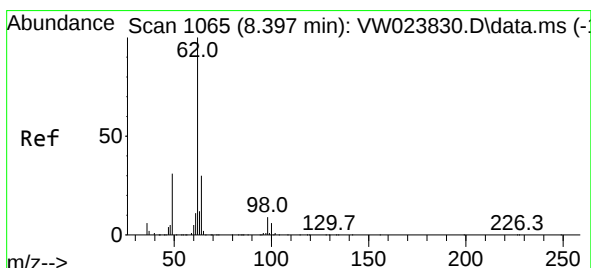
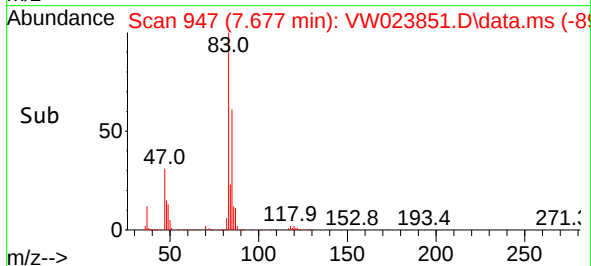
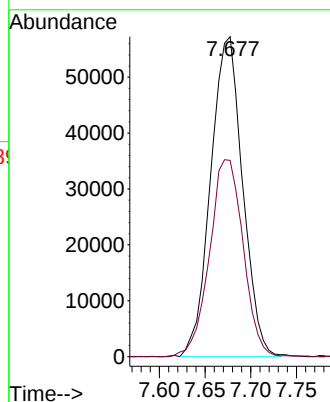
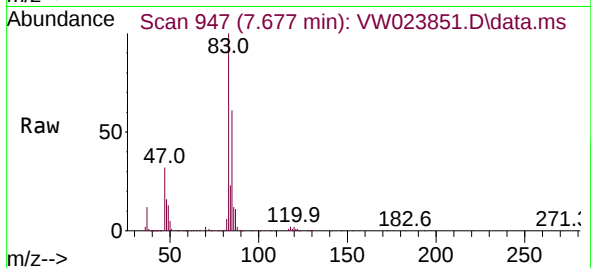




#25
Chloroform
Concen: 24.024 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

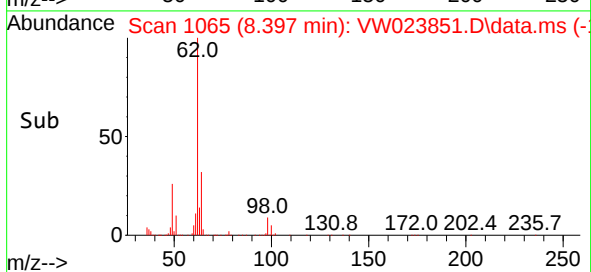
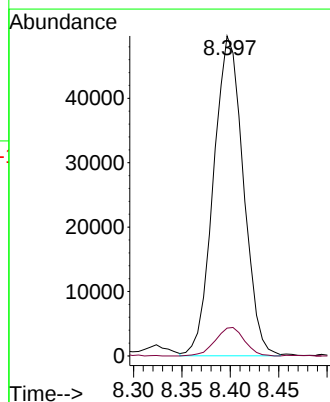
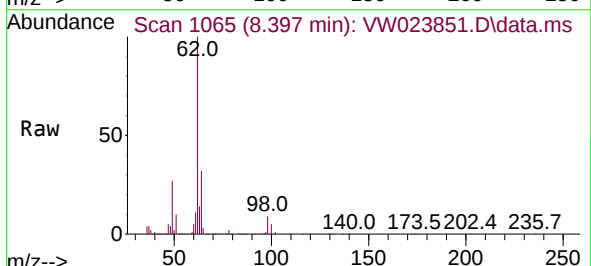
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

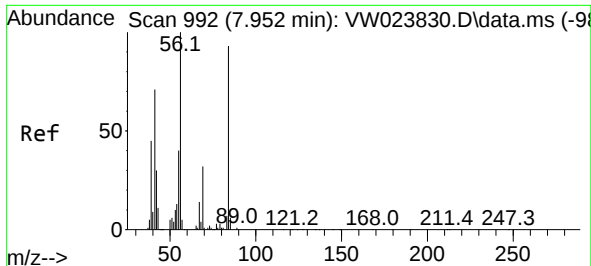
Tgt Ion: 83 Resp: 139353
Ion Ratio Lower Upper
83 100
85 61.4 41.9 77.9



#27
1,2-Dichloroethane
Concen: 24.929 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion: 62 Resp: 106425
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8

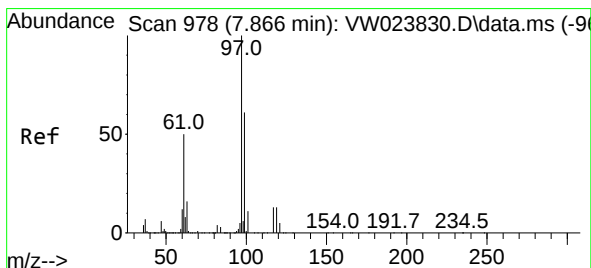
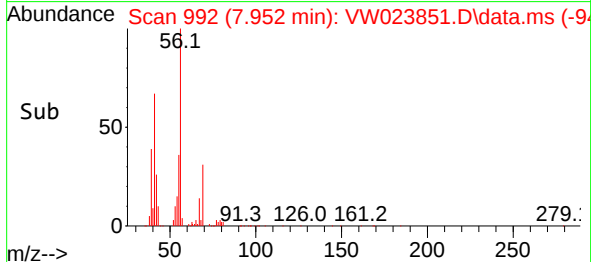
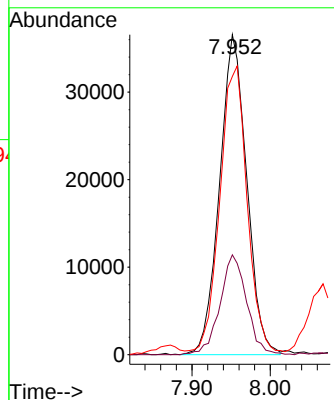
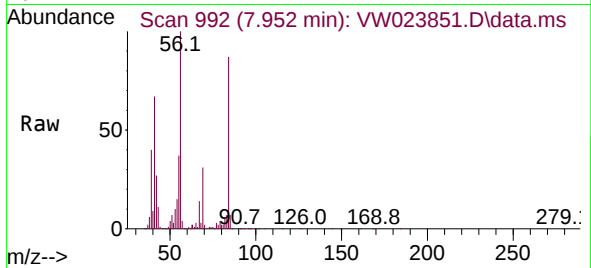




#29
Cyclohexane
Concen: 21.079 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

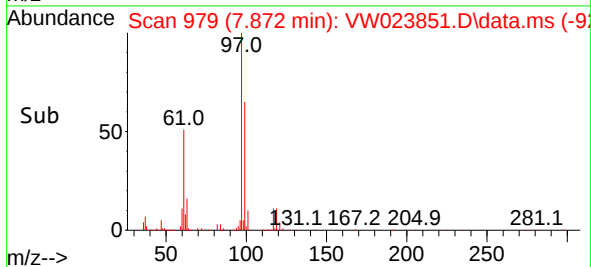
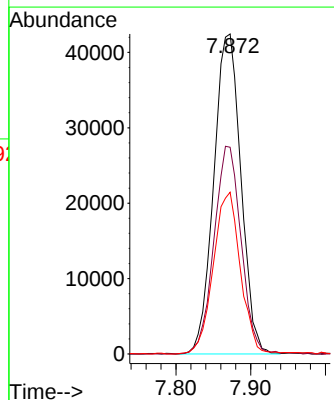
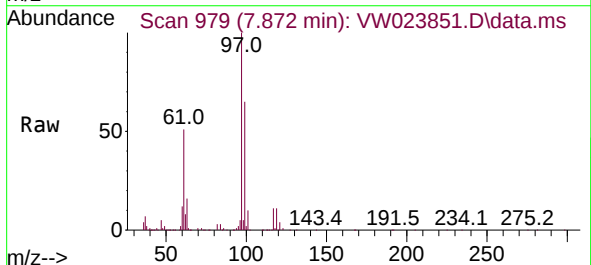
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

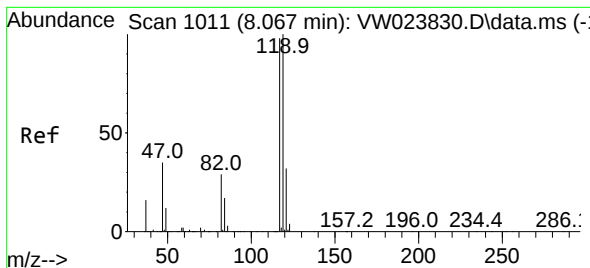
Tgt Ion: 56	Resp: 88059
Ion Ratio	Lower Upper
56	100
69	30.6 25.4 38.0
84	91.5 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 21.711 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion: 97	Resp: 107373
Ion Ratio	Lower Upper
97	100
99	64.5 51.0 76.6
61	50.4 37.5 56.3





#31

Carbon tetrachloride

Concen: 21.635 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

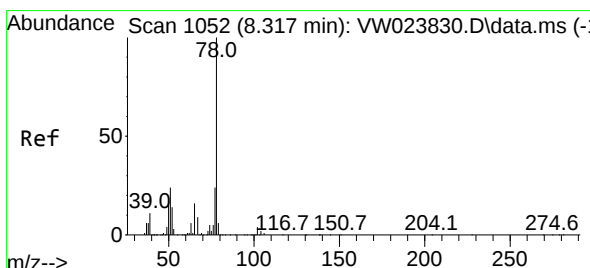
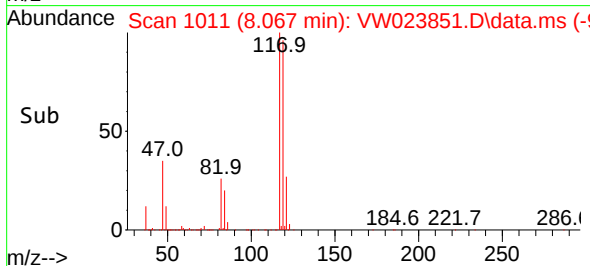
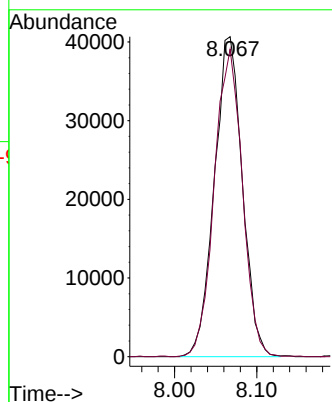
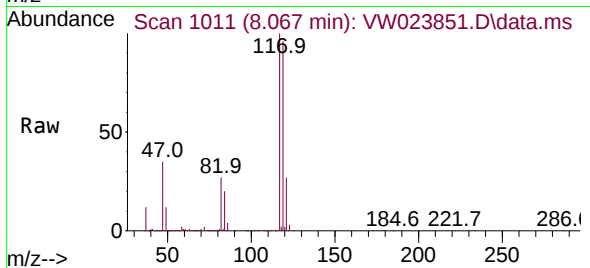
VSTD025493

Tgt Ion:117 Resp: 96452

Ion Ratio Lower Upper

117 100

119 96.2 75.7 113.5



#33

Benzene

Concen: 22.930 ug/L

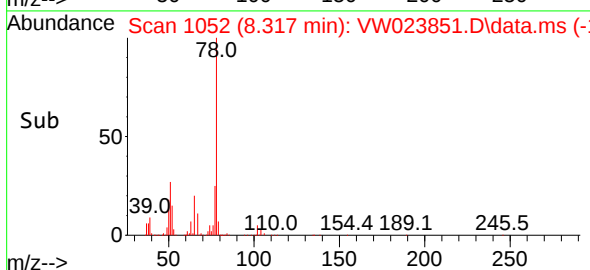
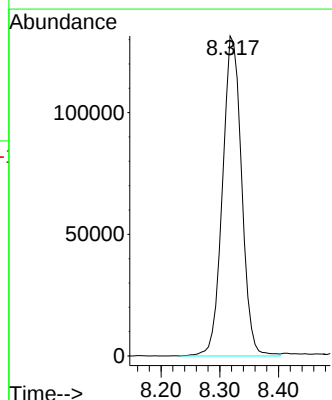
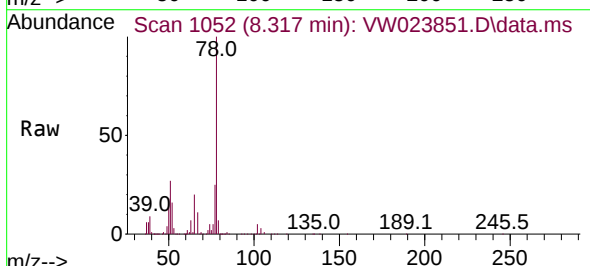
RT: 8.317 min Scan# 1052

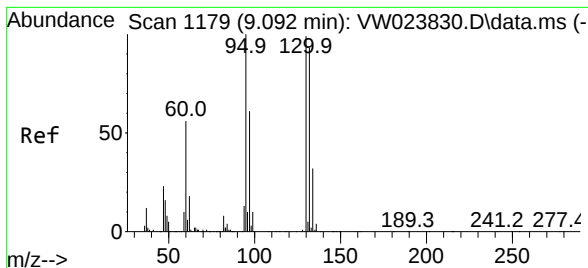
Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Tgt Ion: 78 Resp: 297636





#34

Trichloroethene

Concen: 21.711 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

Tgt Ion: 95 Resp: 74416

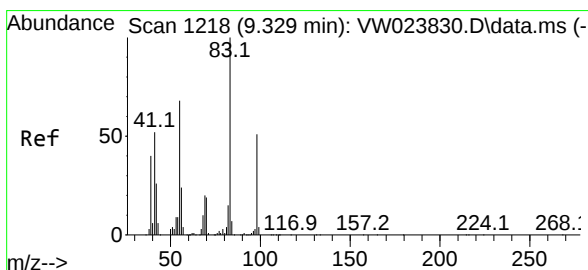
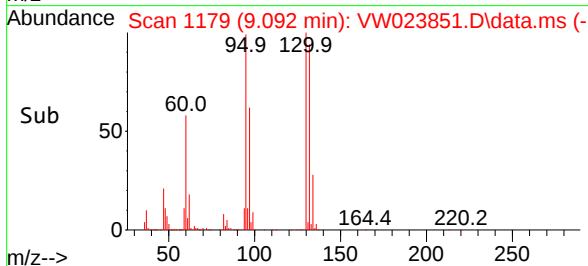
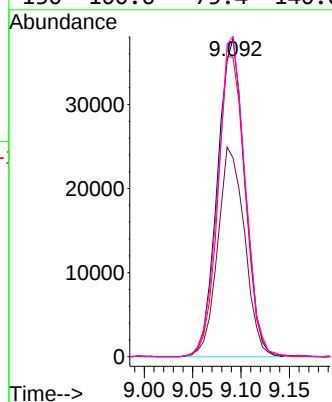
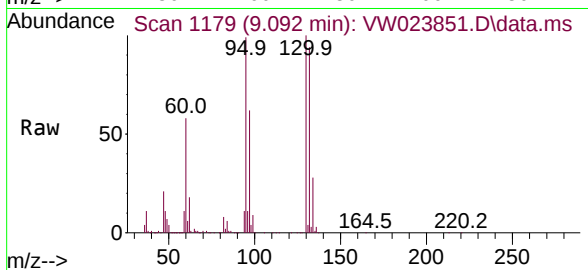
Ion Ratio Lower Upper

95 100

97 62.5 45.6 84.8

132 94.2 69.9 129.7

130 100.6 75.4 140.0



#35

Methylcyclohexane

Concen: 21.261 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

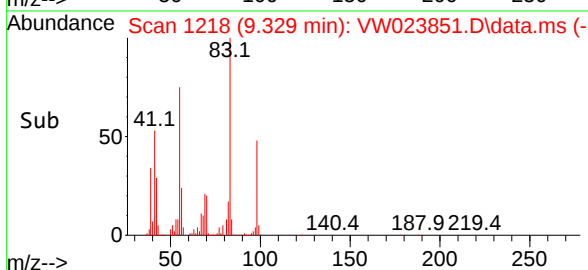
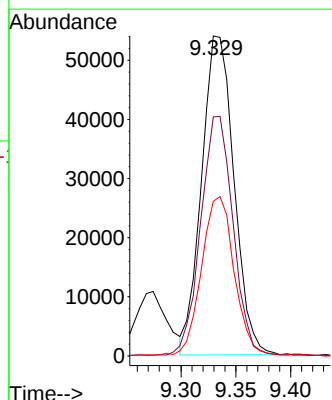
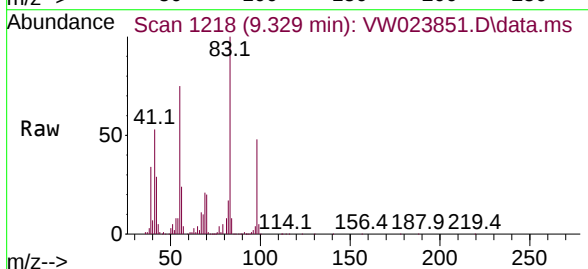
Tgt Ion: 83 Resp: 110969

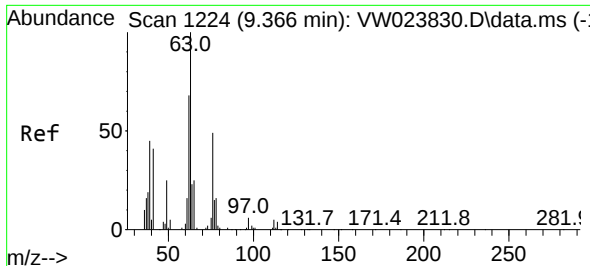
Ion Ratio Lower Upper

83 100

55 74.3 60.8 91.2

98 50.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.316 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

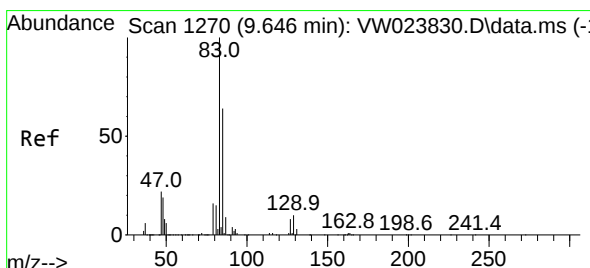
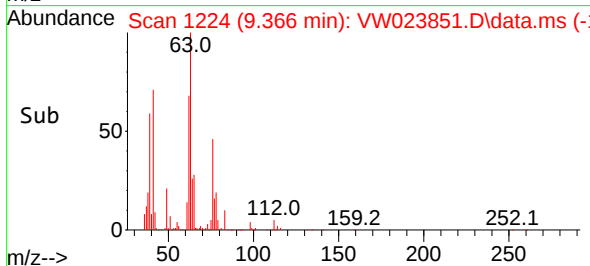
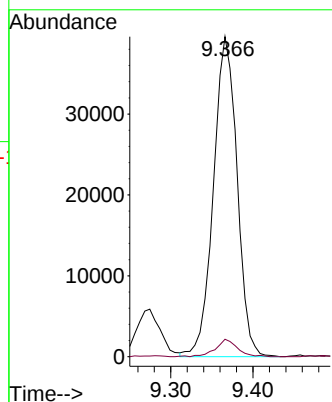
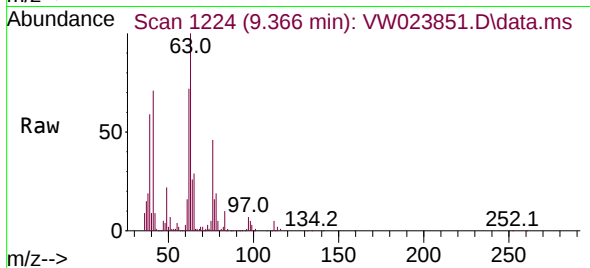
VSTD025493

Tgt Ion: 63 Resp: 79127

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 24.964 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

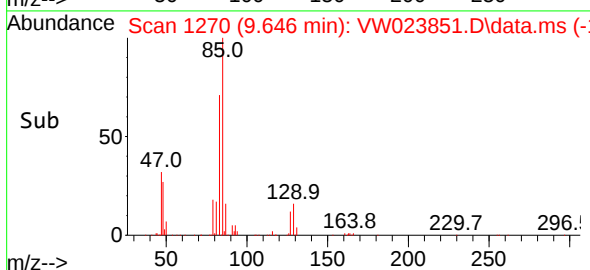
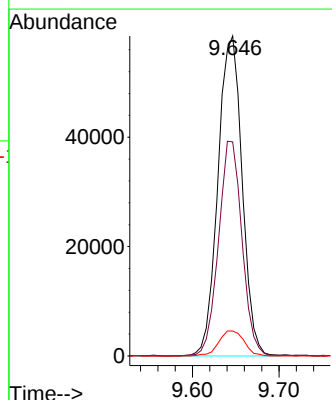
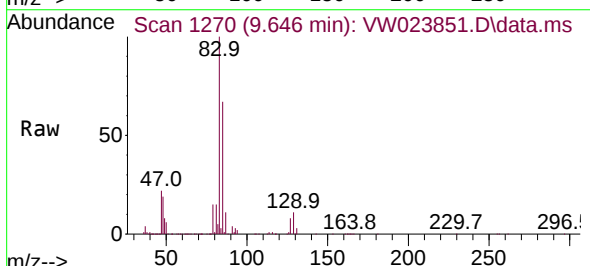
Tgt Ion: 83 Resp: 113380

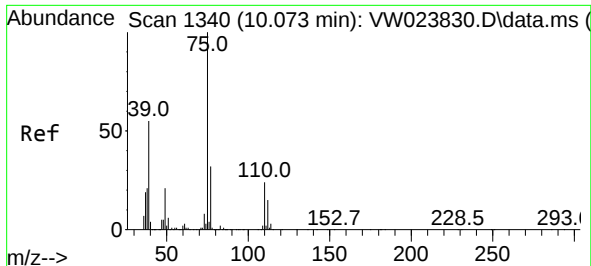
Ion Ratio Lower Upper

83 100

85 66.9 45.5 84.5

127 7.8 6.0 9.0

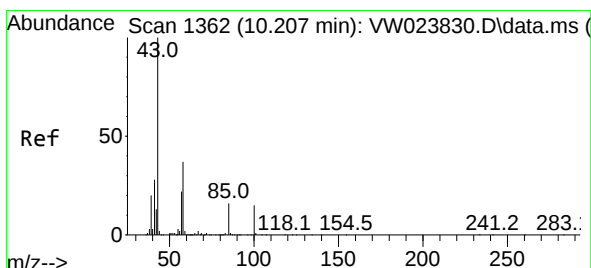
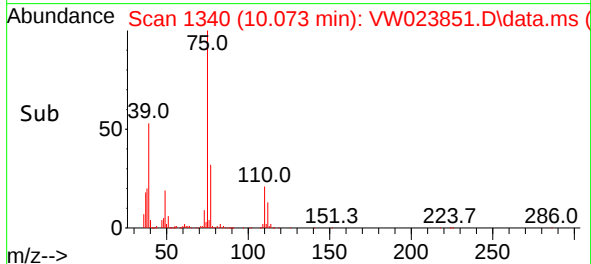
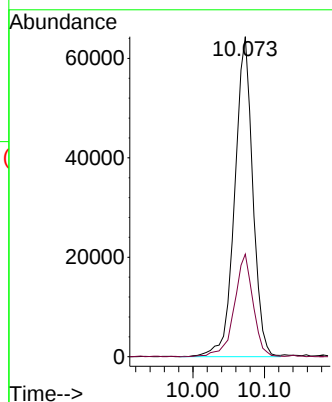
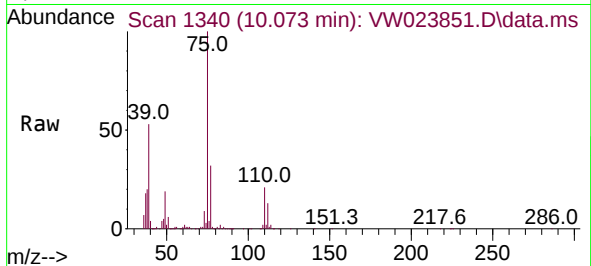




#39
cis-1,3-Dichloropropene
Concen: 22.983 ug/L
RT: 10.073 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

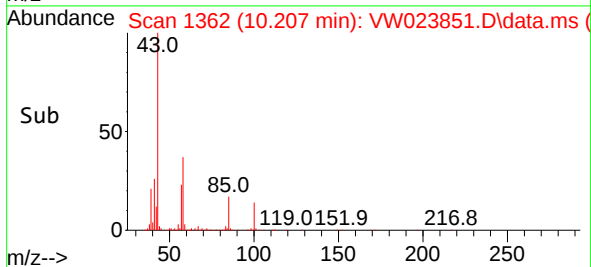
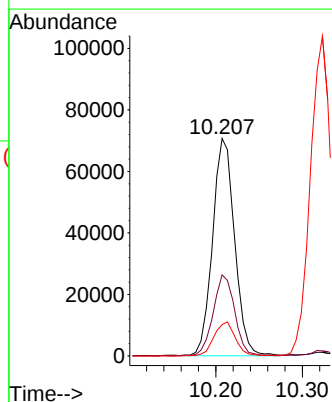
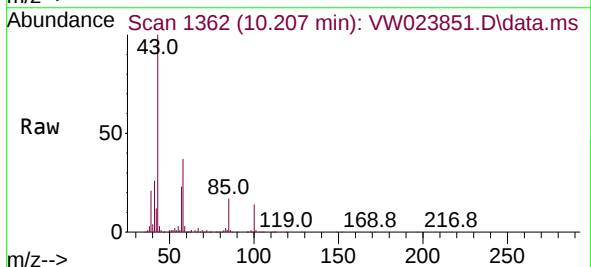
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

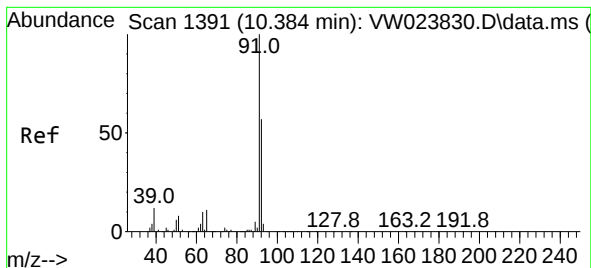
Tgt Ion: 75 Resp: 112728
Ion Ratio Lower Upper
75 100
77 32.1 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 55.116 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion: 43 Resp: 124808
Ion Ratio Lower Upper
43 100
58 36.2 29.8 44.8
100 14.9 13.0 19.4





#42

Toluene

Concen: 24.506 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

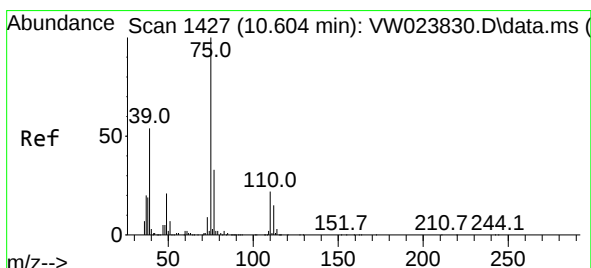
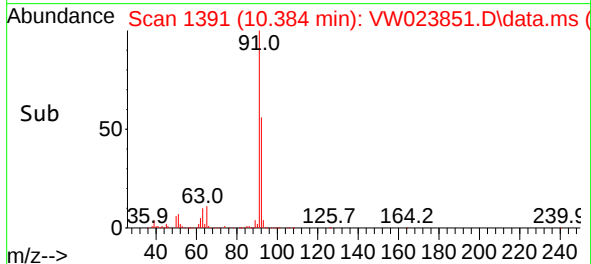
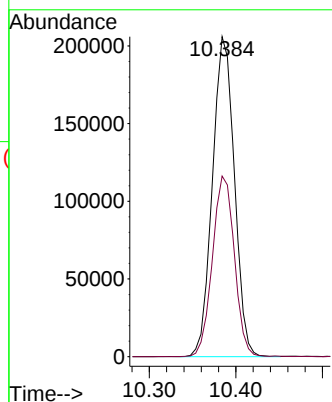
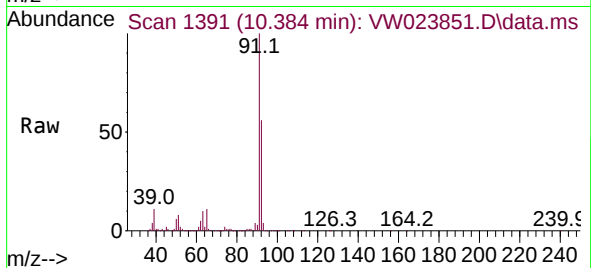
VSTD025493

Tgt Ion: 91 Resp: 362766

Ion Ratio Lower Upper

91 100

92 56.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 23.536 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023851.D

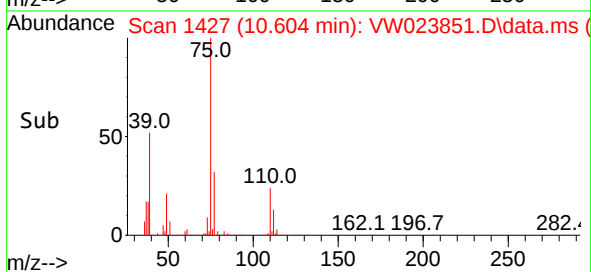
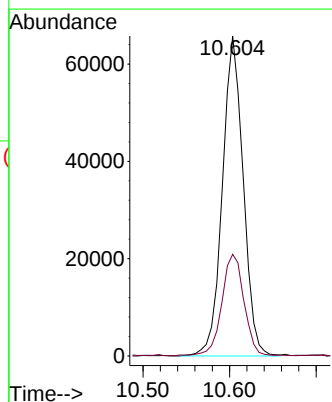
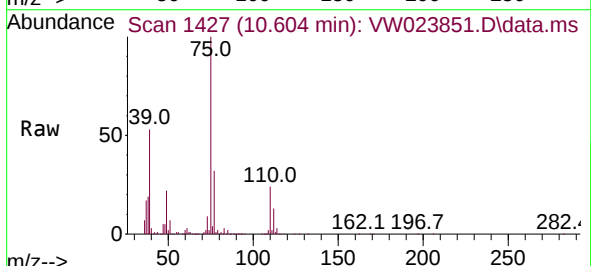
Acq: 18 Jul 2022 19:25

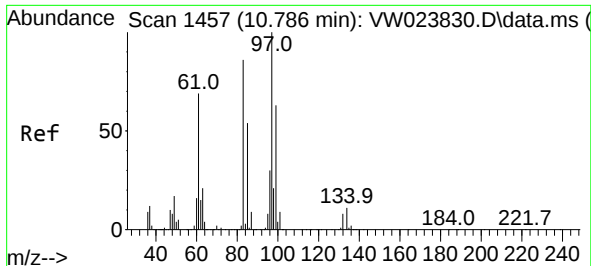
Tgt Ion: 75 Resp: 109720

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0

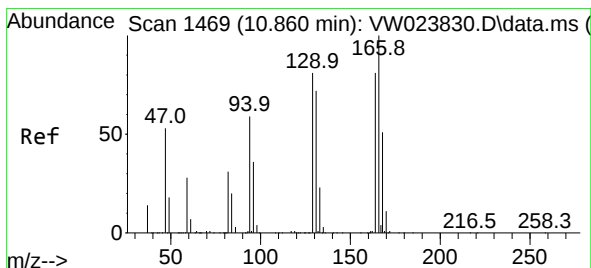
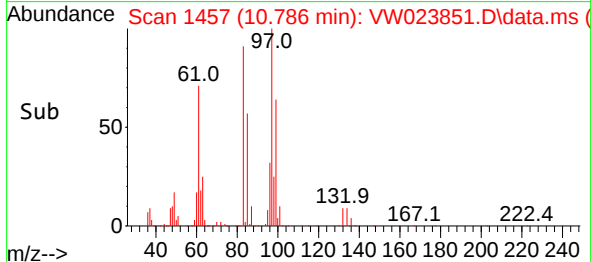
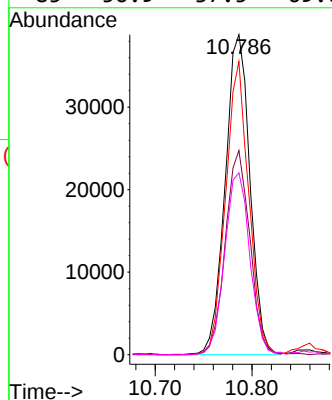
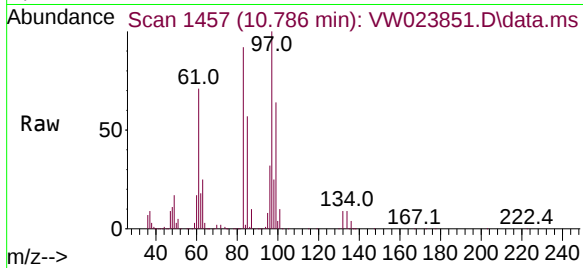




#45
1,1,2-Trichloroethane
Concen: 24.281 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

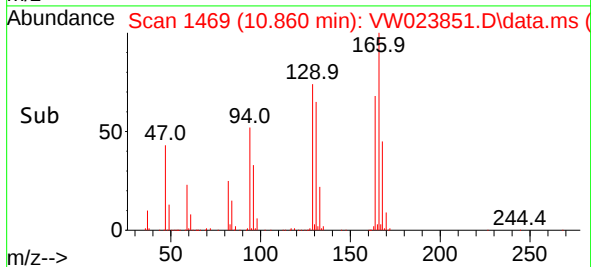
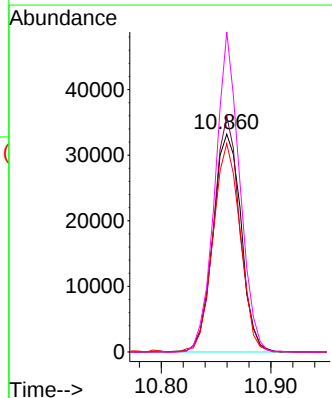
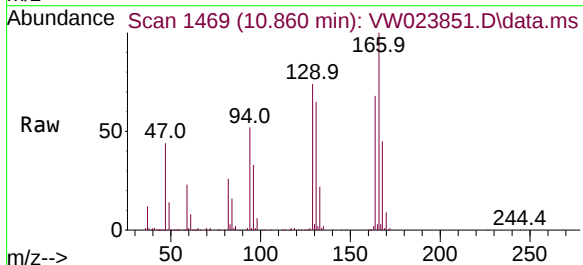
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

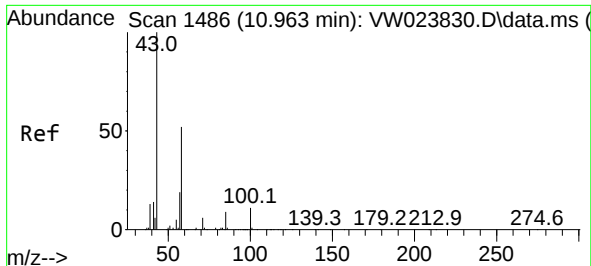
Tgt Ion: 97	Resp: 69088
Ion Ratio	Lower Upper
97 100	
99 63.8	44.2 82.2
83 91.6	59.8 111.0
85 56.9	37.5 69.6



#46
Tetrachloroethene
Concen: 22.207 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt	Ion:164	Resp:	58856
Ion	Ratio	Lower	Upper
164	100		
129	108.2	72.4	134.5
131	95.7	67.8	125.8
166	146.9	88.9	165.1

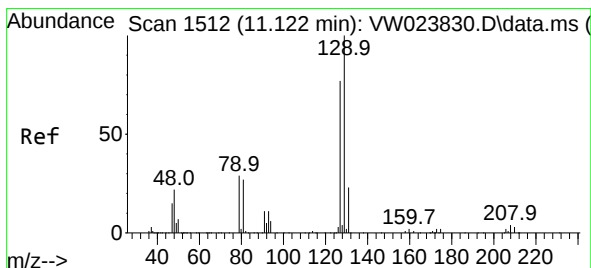
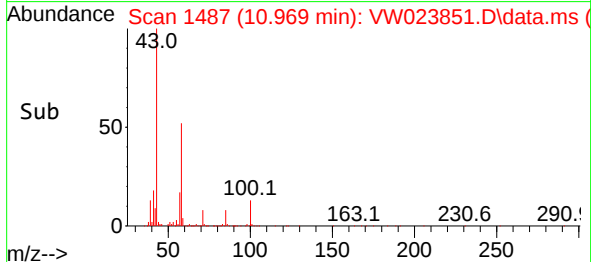
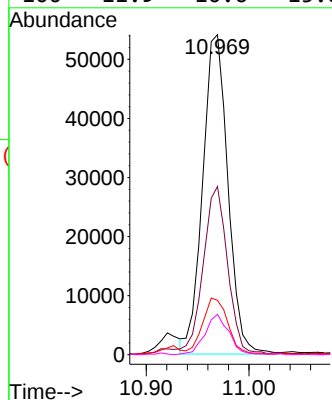
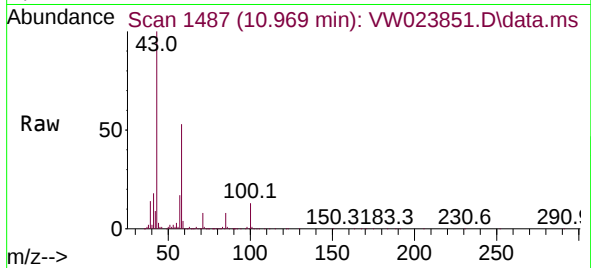




#48
2-Hexanone
Concen: 56.224 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

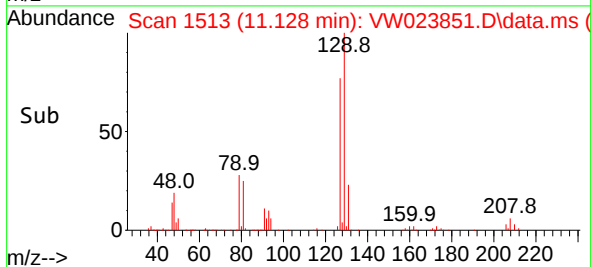
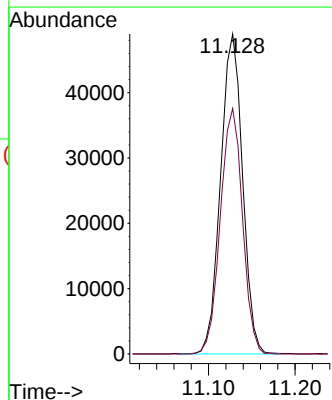
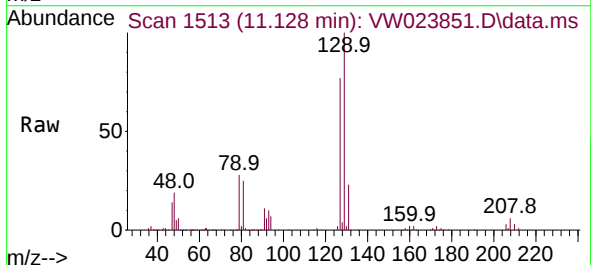
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

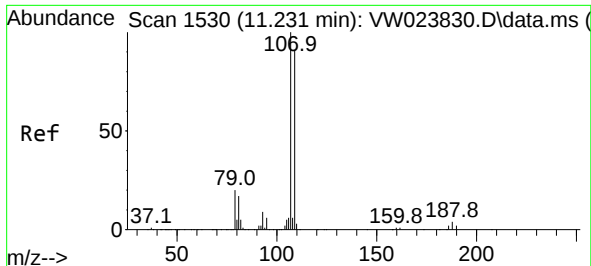
Tgt Ion:	43	Resp:	92696
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.6	62.4
57	17.8	14.6	21.8
100	11.9	10.6	15.8



#49
Dibromochloromethane
Concen: 26.173 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion:	129	Resp:	86366
Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.7	99.7





#50

1,2-Dibromoethane

Concen: 24.664 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

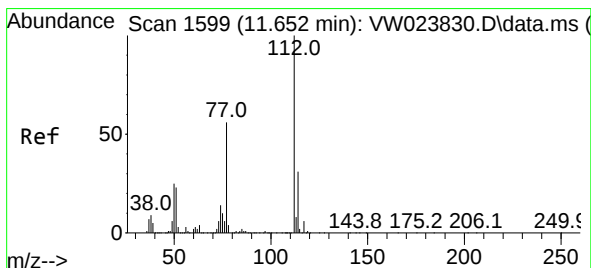
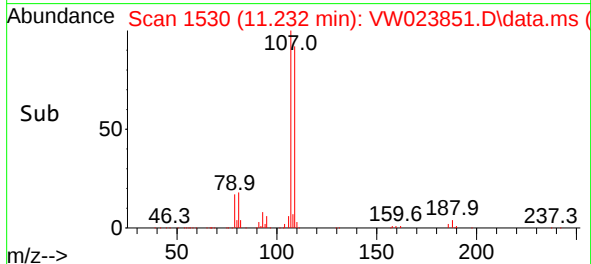
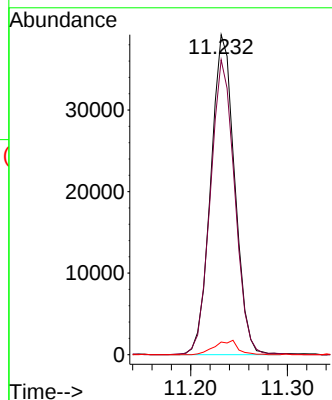
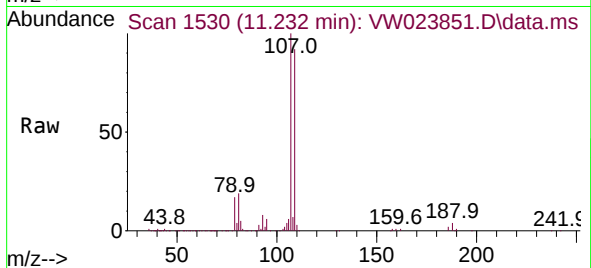
Tgt Ion:107 Resp: 67422

Ion Ratio Lower Upper

107 100

109 92.2 62.4 116.0

188 4.0 2.3 3.5#



#51

Chlorobenzene

Concen: 23.905 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

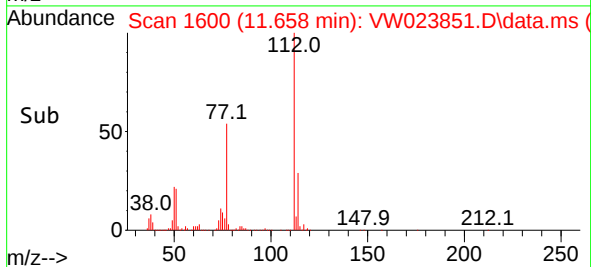
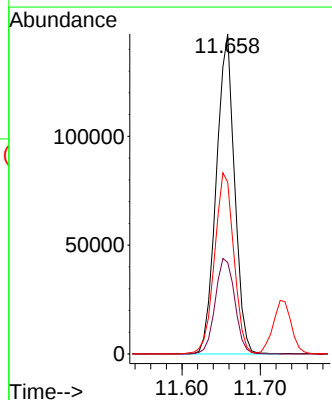
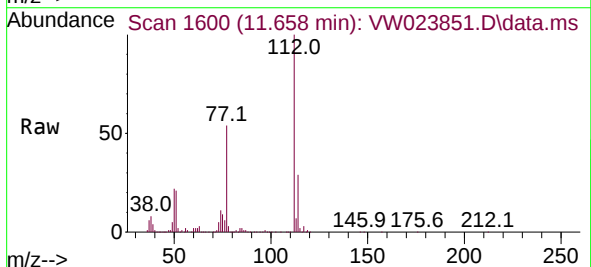
Tgt Ion:112 Resp: 238662

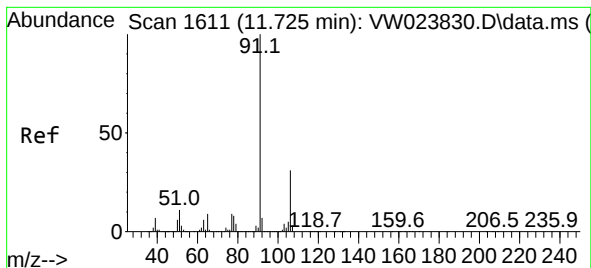
Ion Ratio Lower Upper

112 100

114 28.6 21.1 39.3

77 53.7 46.6 69.8





#52

Ethylbenzene

Concen: 24.491 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

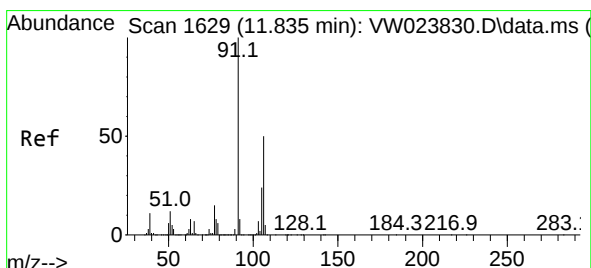
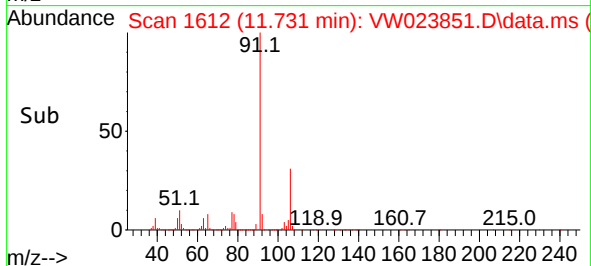
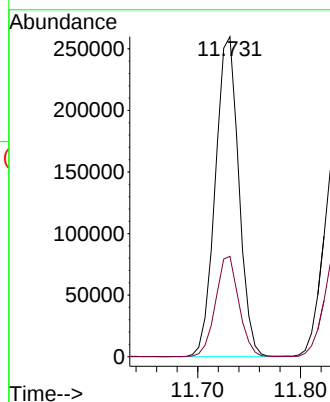
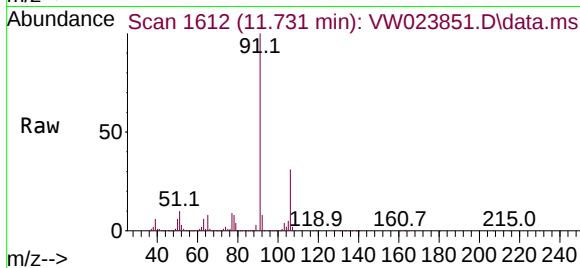
VSTD025493

Tgt Ion: 91 Resp: 411987

Ion Ratio Lower Upper

91 100

106 31.3 22.5 41.9



#53

m,p-Xylene

Concen: 24.674 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW023851.D

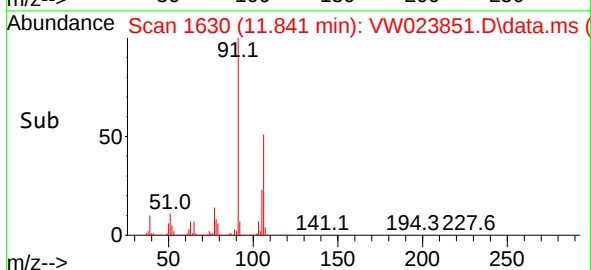
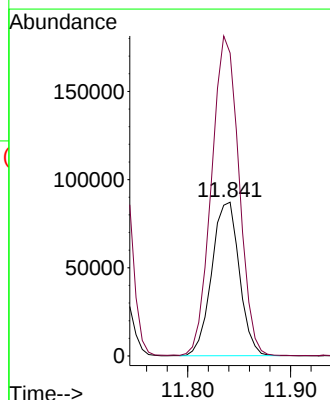
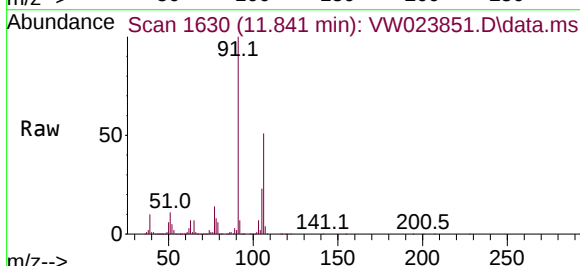
Acq: 18 Jul 2022 19:25

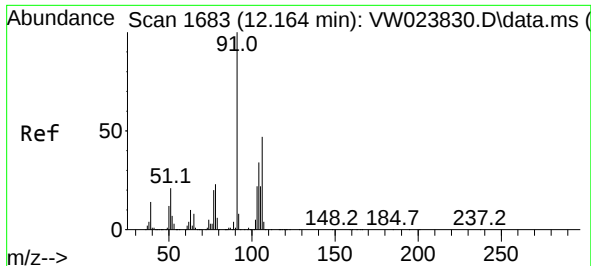
Tgt Ion:106 Resp: 161939

Ion Ratio Lower Upper

106 100

91 197.0 142.8 265.2

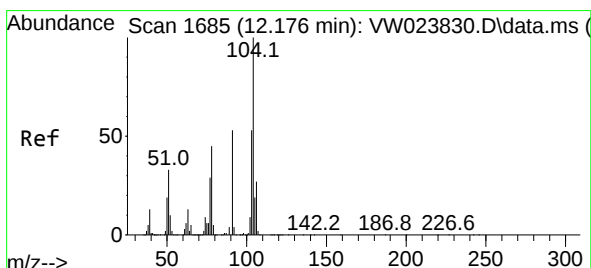
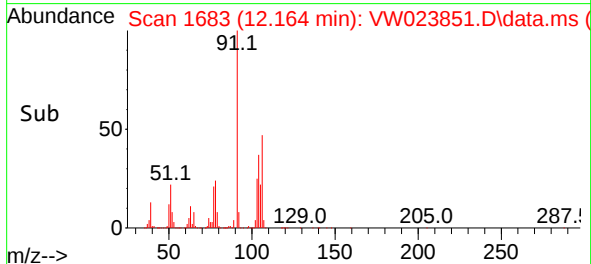
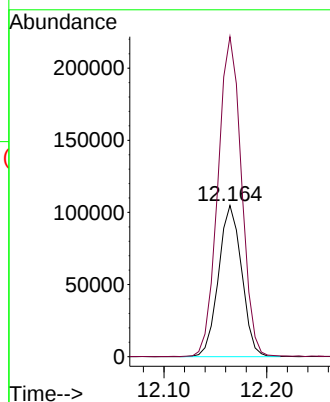
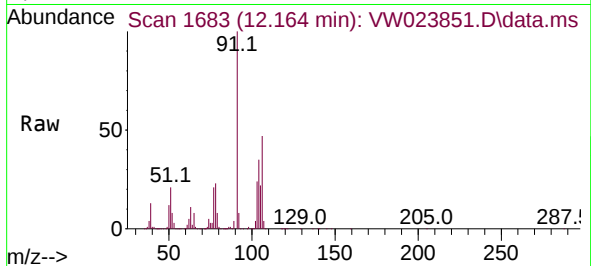




#54
o-Xylene
Concen: 25.996 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

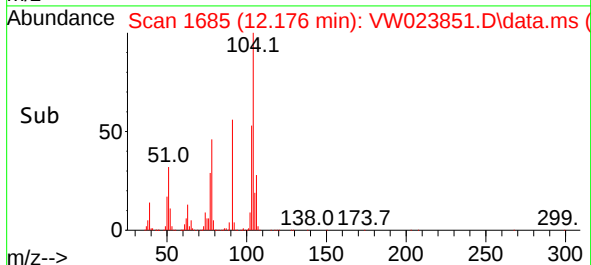
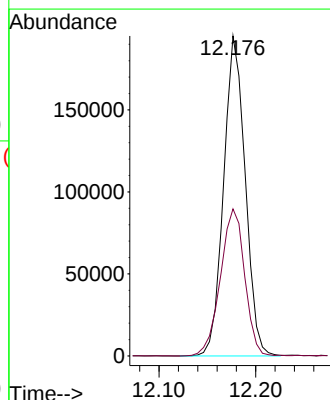
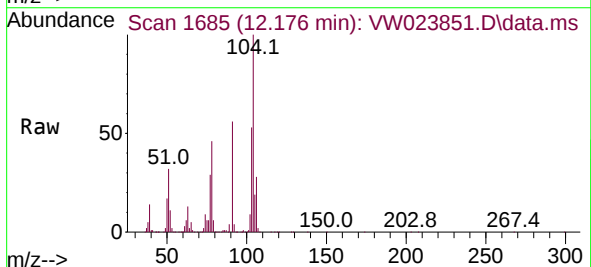
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

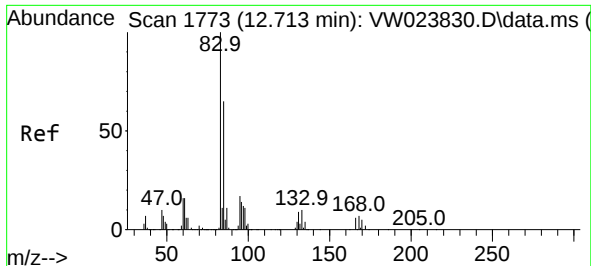
Tgt Ion:106 Resp: 163854
Ion Ratio Lower Upper
106 100
91 211.6 149.6 277.8



#55
Styrene
Concen: 27.141 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion:104 Resp: 302213
Ion Ratio Lower Upper
104 100
78 46.0 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.812 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

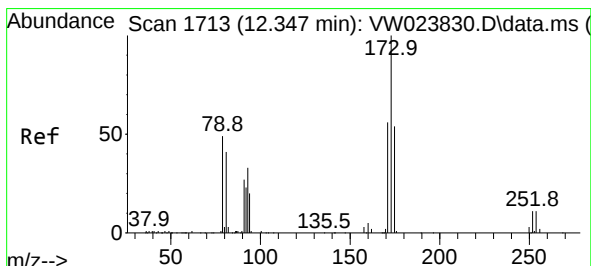
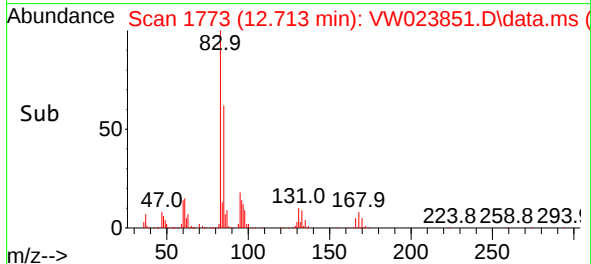
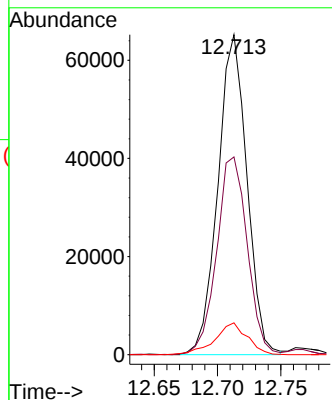
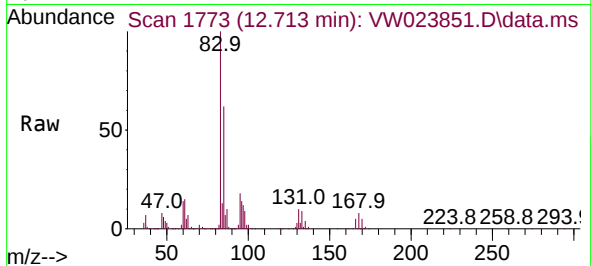
Tgt Ion: 83 Resp: 104062

Ion Ratio Lower Upper

83 100

85 61.8 46.5 86.3

131 10.0 7.4 11.0



#59

Bromoform

Concen: 24.164 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

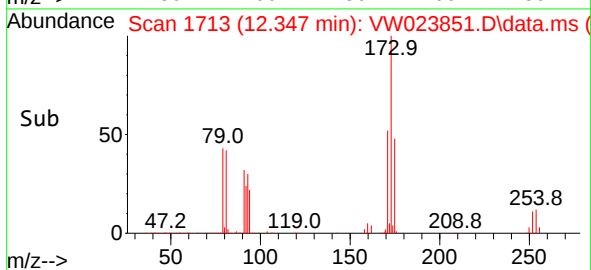
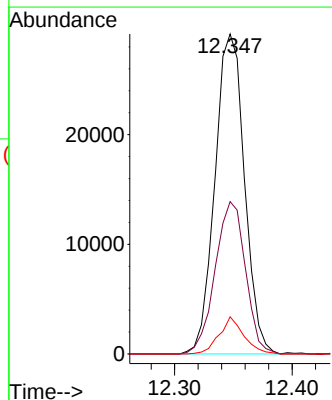
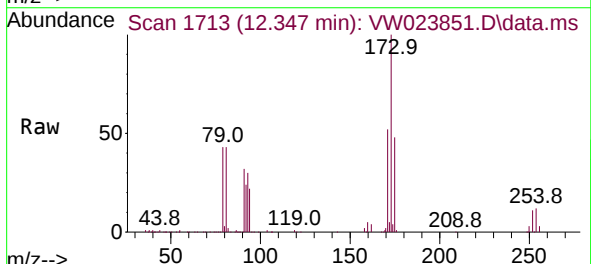
Tgt Ion: 173 Resp: 50924

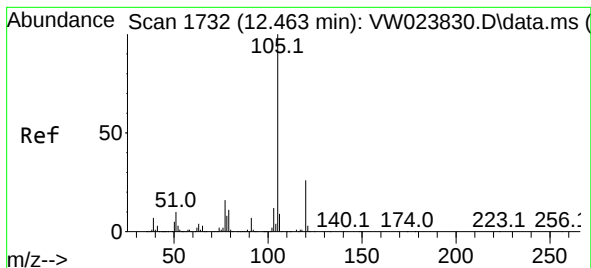
Ion Ratio Lower Upper

173 100

175 48.8 38.9 58.3

254 9.6 5.9 8.9#





#60

Isopropylbenzene

Concen: 23.692 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

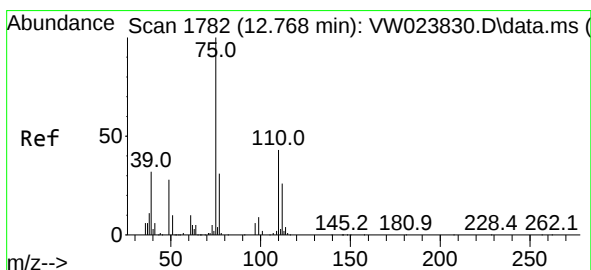
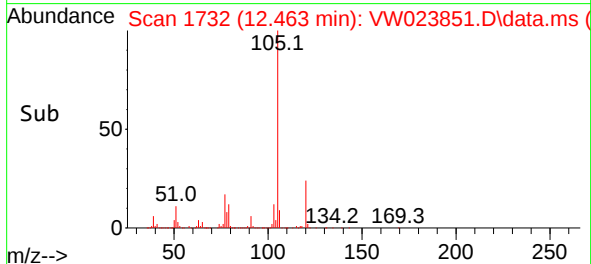
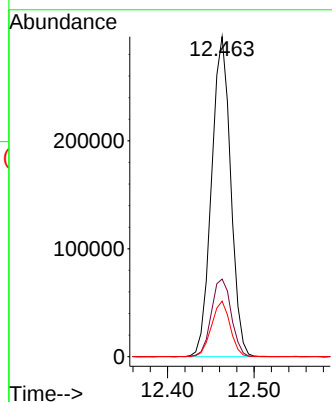
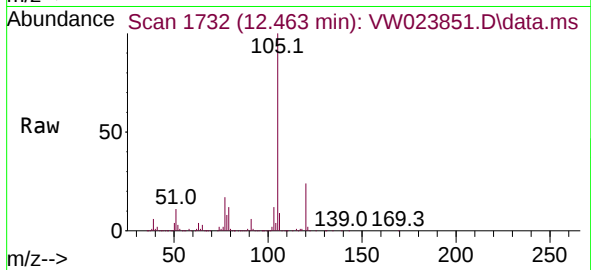
Tgt Ion:105 Resp: 454848

Ion Ratio Lower Upper

105 100

120 25.3 20.7 31.1

77 17.0 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 23.542 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

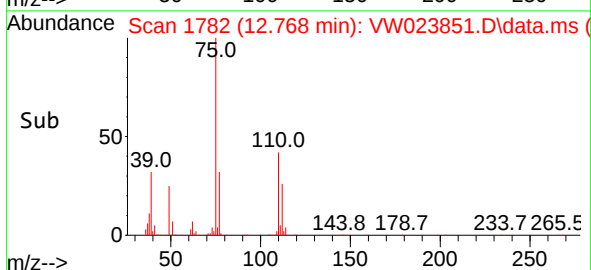
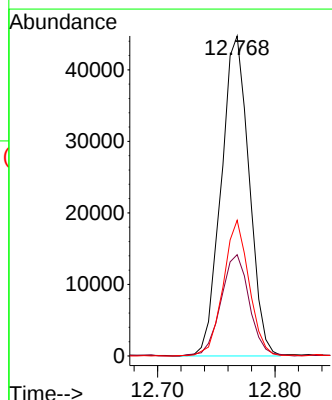
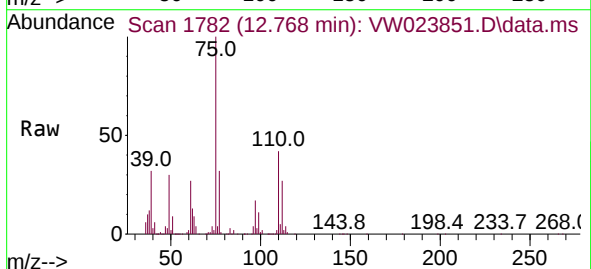
Tgt Ion: 75 Resp: 73777

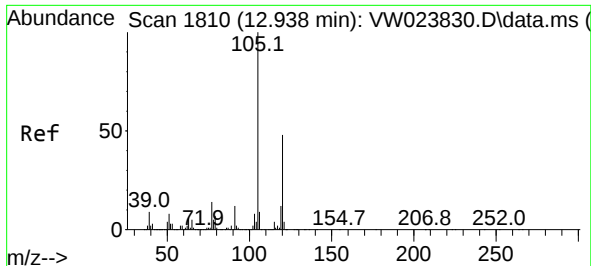
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

110 39.3 31.9 47.9

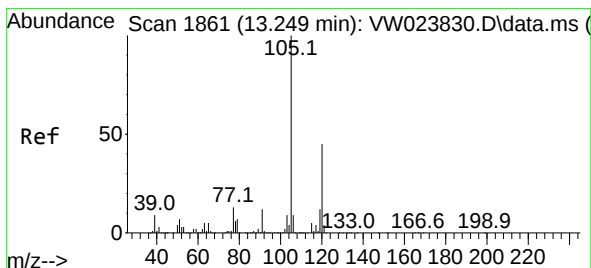
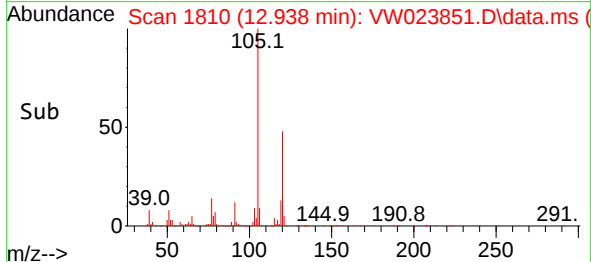
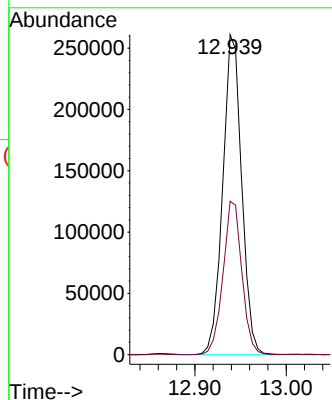
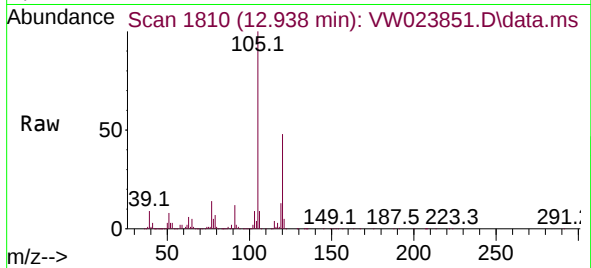




#62
1,3,5-Trimethylbenzene
Concen: 23.925 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

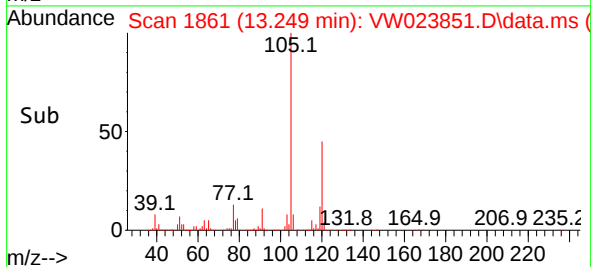
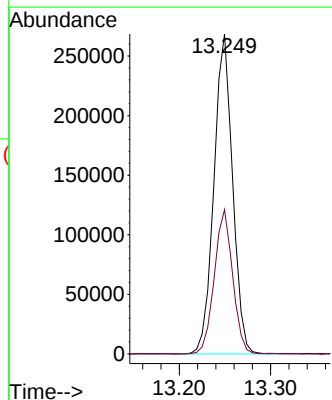
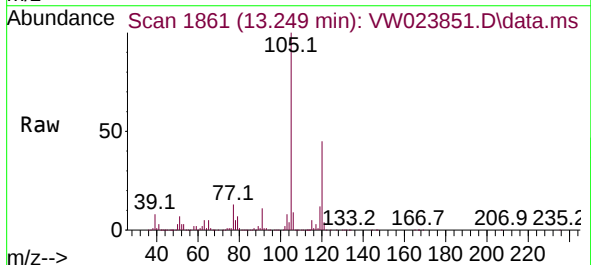
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

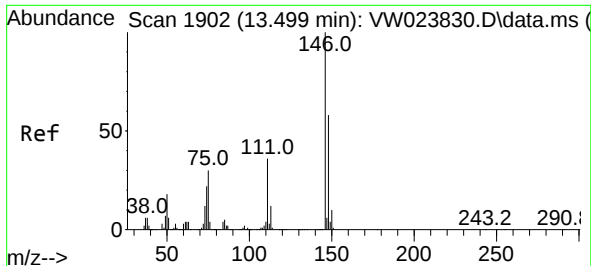
Tgt Ion:105 Resp: 376059
Ion Ratio Lower Upper
105 100
120 47.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 24.220 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion:105 Resp: 380610
Ion Ratio Lower Upper
105 100
120 44.5 35.5 53.3

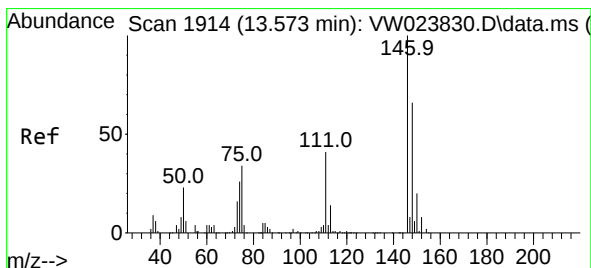
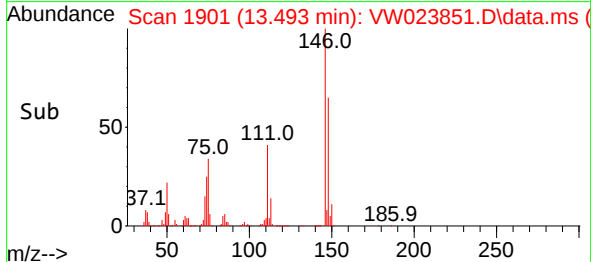
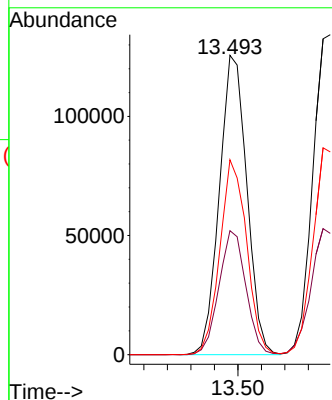
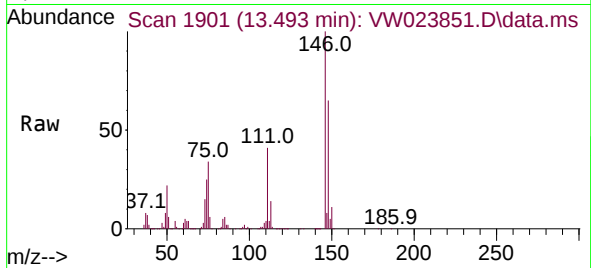




#64
1,3-Dichlorobenzene
Concen: 23.425 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

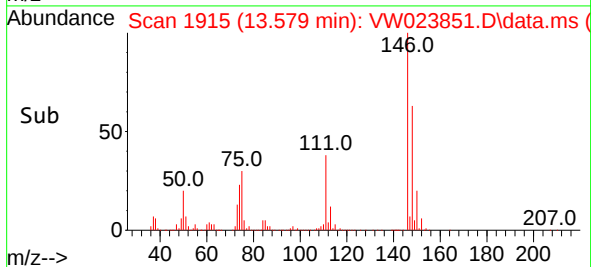
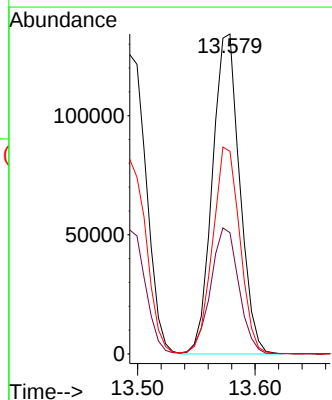
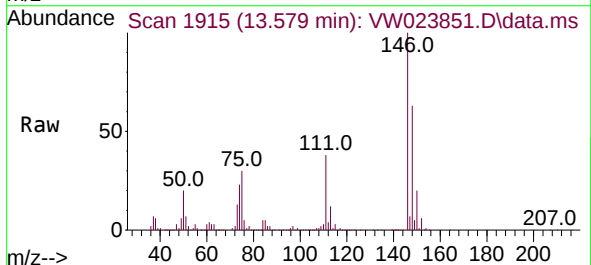
Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

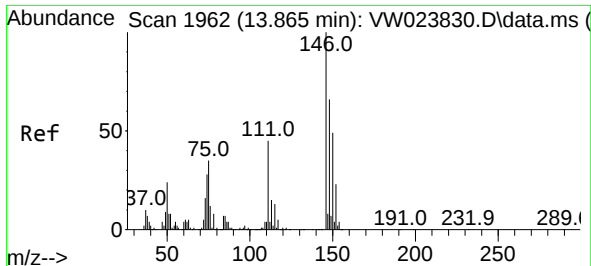
Tgt Ion:146 Resp: 204188
Ion Ratio Lower Upper
146 100
111 41.4 28.6 53.2
148 65.1 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 23.400 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion:146 Resp: 217009
Ion Ratio Lower Upper
146 100
111 37.9 29.4 54.6
148 63.4 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 24.475 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

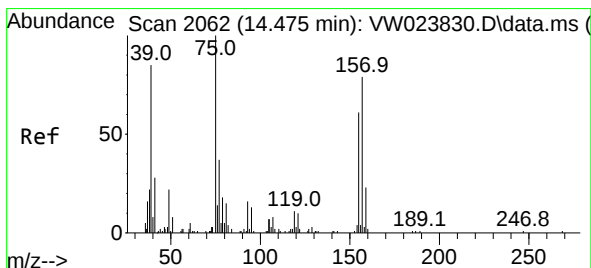
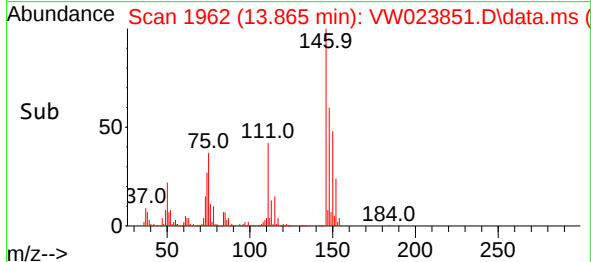
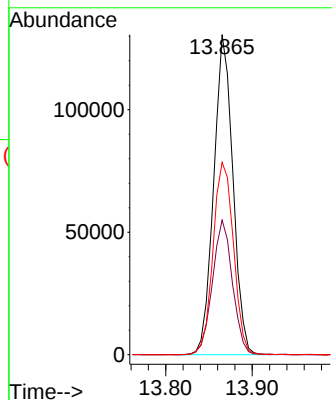
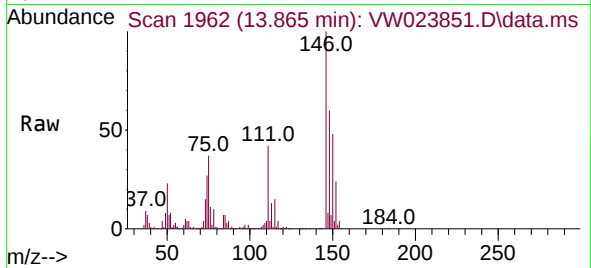
Tgt Ion:146 Resp: 201207

Ion Ratio Lower Upper

146 100

111 42.1 35.9 53.9

148 60.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.659 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

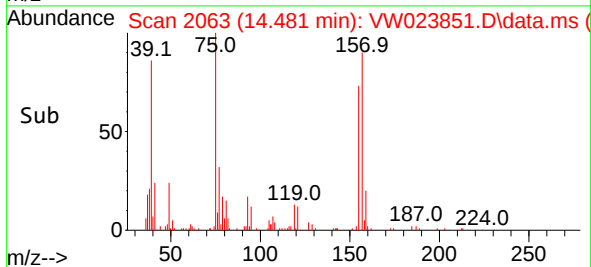
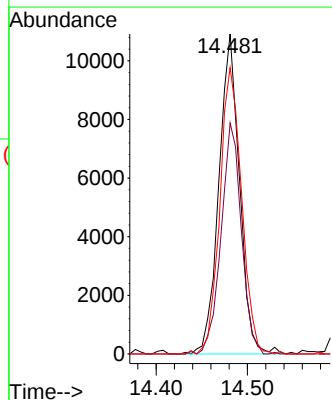
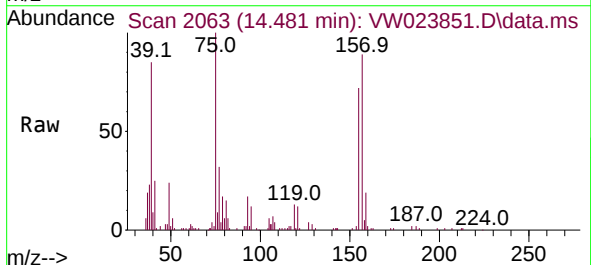
Tgt Ion: 75 Resp: 17101

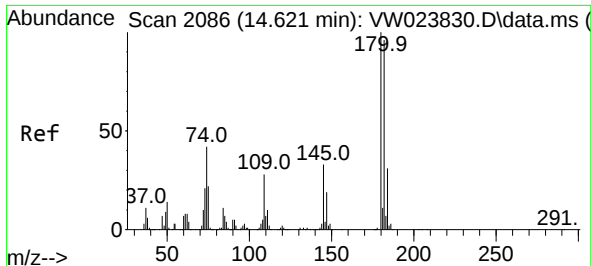
Ion Ratio Lower Upper

75 100

155 72.2 51.7 77.5

157 89.5 63.5 95.3





#69

1,3,5-Trichlorobenzene

Concen: 22.218 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025493

Tgt Ion:180 Resp: 128189

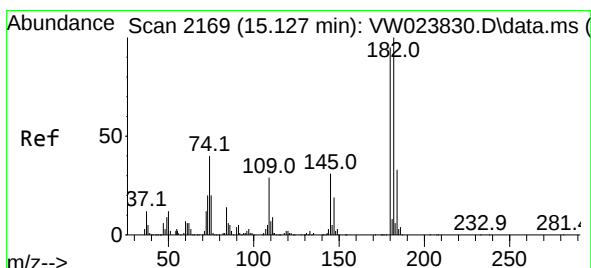
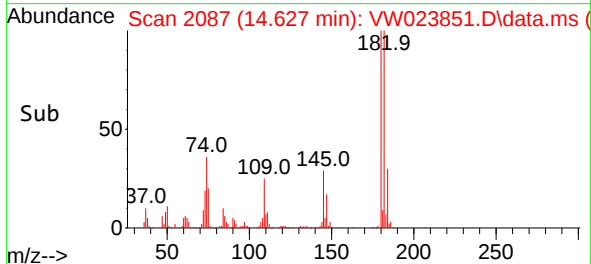
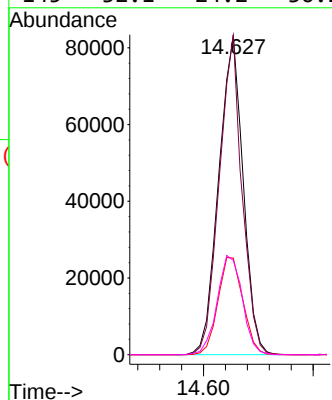
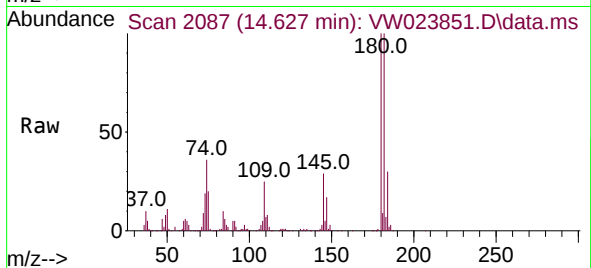
Ion Ratio Lower Upper

180 100

182 93.4 70.2 105.2

184 31.2 22.6 34.0

145 32.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 24.338 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023851.D

Acq: 18 Jul 2022 19:25

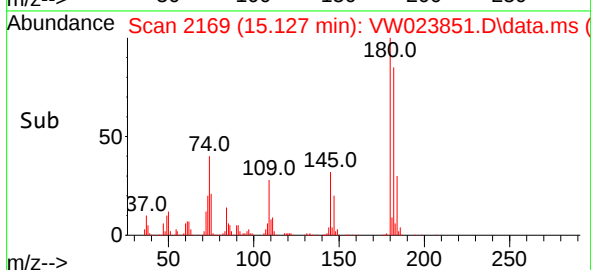
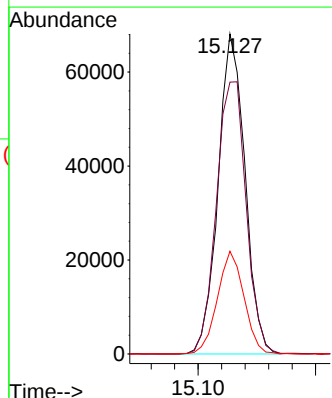
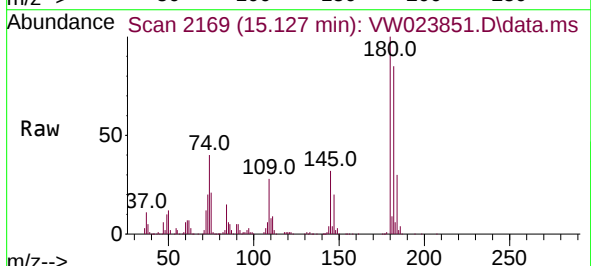
Tgt Ion:180 Resp: 108432

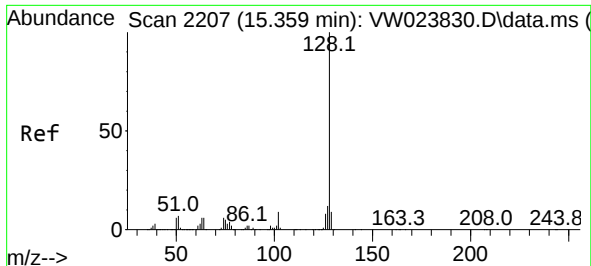
Ion Ratio Lower Upper

180 100

182 94.1 77.5 116.3

145 31.7 26.3 39.5

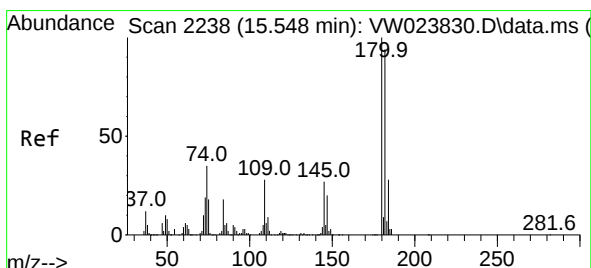
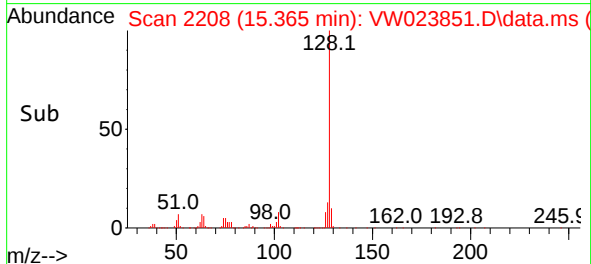
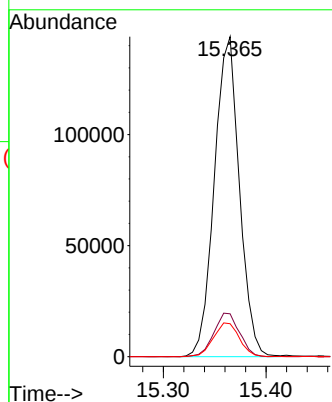
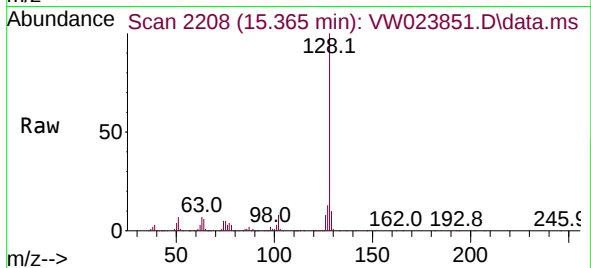




#71
Naphthalene
Concen: 25.494 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Tgt Ion:128 Resp: 243636
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 11.0 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.223 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW023851.D
Acq: 18 Jul 2022 19:25

Tgt Ion:180 Resp: 100587
Ion Ratio Lower Upper
180 100
182 97.1 76.3 114.5
145 33.4 27.8 41.6

