

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110921\
 Data File : VW020821.D
 Acq On : 09 Nov 2021 08:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: Nov 10 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:39:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	150055	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	135918	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76018	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	31626	22.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
7) Chloroethane-d5	2.885	69	19795	24.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.560%
11) 1,1-Dichloroethene-d2	4.025	63	63709	21.514	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.040%
21) 2-Butanone-d5	7.079	46	20714	44.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.420%
24) Chloroform-d	7.652	84	78313	23.488	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.960%
26) 1,2-Dichloroethane-d4	8.305	65	40421	22.773	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	8.274	84	141961	23.117	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	9.274	67	43262	22.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.000%
41) Toluene-d8	10.323	98	132937	22.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.579	79	20503	21.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.920	63	17354	45.111	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	180.440%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37404	23.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	13.852	152	55964	23.426	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	16666	27.238	ug/L	99
3) Chloromethane	2.214	50	35057	21.896	ug/L	98
5) Vinyl chloride	2.361	62	56535	24.482	ug/L	98
6) Bromomethane	2.775	94	28844	24.135	ug/L	91
8) Chloroethane	2.915	64	21005	24.737	ug/L	93
9) Trichlorofluoromethane	3.251	101	26660	21.766	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	47167	23.415	ug/L	90
12) 1,1-Dichloroethene	4.043	96	43923	22.879	ug/L	# 69
13) Acetone	4.122	43	17630	40.431	ug/L	89
14) Carbon disulfide	4.385	76	126538	21.837	ug/L	98
15) Methyl Acetate	4.671	43	16611	21.494	ug/L	94
16) Methylene chloride	4.915	84	43452	19.555	ug/L	87
17) trans-1,2-Dichloroethene	5.421	96	46914	22.989	ug/L	87
18) Methyl tert-butyl Ether	5.427	73	60330	20.893	ug/L	95
19) 1,1-Dichloroethane	6.220	63	77840	22.024	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	49255	22.897	ug/L	77
22) 2-Butanone	7.171	43	23378	40.347	ug/L	89
23) Bromochloromethane	7.512	128	22817	22.985	ug/L	# 70
25) Chloroform	7.677	83	82577	22.443	ug/L	96

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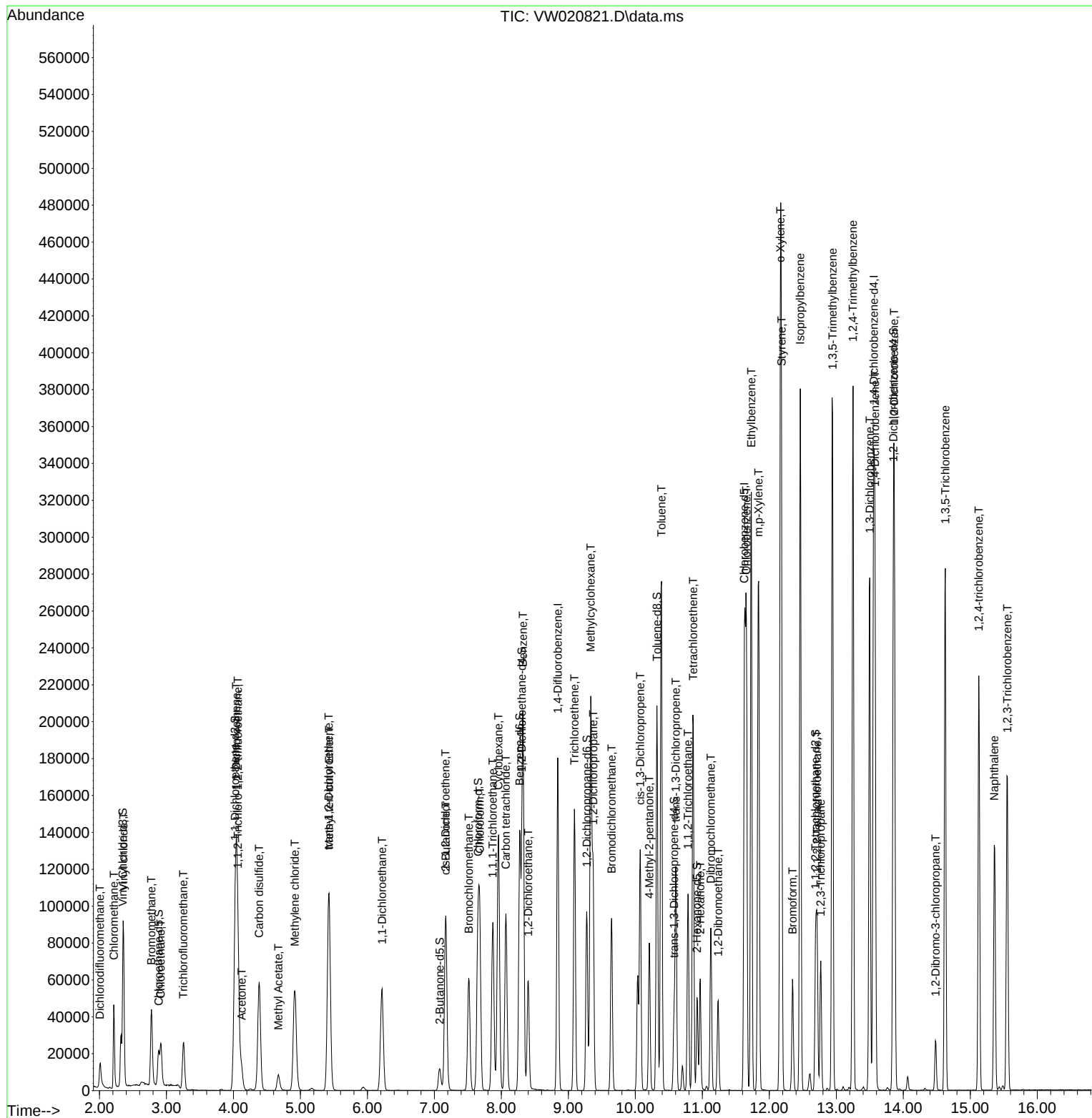
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	52489	22.036	ug/L	97
29) Cyclohexane	7.957	56	76286	21.512	ug/L	89
30) 1,1,1-Trichloroethane	7.872	97	73654	22.803	ug/L	94
31) Carbon tetrachloride	8.067	117	70843	23.048	ug/L	98
33) Benzene	8.323	78	181070	22.244	ug/L	100
34) Trichloroethene	9.091	95	50014	23.083	ug/L	89
35) Methylcyclohexane	9.335	83	86707	22.931	ug/L	88
37) 1,2-Dichloropropane	9.372	63	42641	22.125	ug/L #	97
38) Bromodichloromethane	9.646	83	61272	22.712	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	71706	22.862	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	51382	40.793	ug/L #	94
42) Toluene	10.390	91	203608	23.261	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	61961	21.839	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	31960	22.345	ug/L	94
46) Tetrachloroethene	10.865	164	46253	23.799	ug/L	96
48) 2-Hexanone	10.969	43	38042	41.362	ug/L #	95
49) Dibromochloromethane	11.127	129	45209	23.146	ug/L	97
50) 1,2-Dibromoethane	11.237	107	32123	22.150	ug/L #	97
51) Chlorobenzene	11.658	112	135256	23.956	ug/L	93
52) Ethylbenzene	11.731	91	227331	23.180	ug/L	96
53) m,p-Xylene	11.841	106	93741	23.856	ug/L	86
54) o-Xylene	12.164	106	85383	22.939	ug/L	96
55) Styrene	12.182	104	145191	22.944	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.712	83	38075	22.714	ug/L	99
59) Bromoform	12.347	173	26642	20.720	ug/L #	96
60) Isopropylbenzene	12.462	105	242741	23.168	ug/L	96
61) 1,2,3-Trichloropropane	12.767	75	26502	21.096	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.944	105	205284	22.801	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	204073	22.817	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	115764	23.830	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	110494	22.833	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	98602	22.978	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.480	75	6375	20.759	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	90380	23.439	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	75527	23.496	ug/L	94
71) Naphthalene	15.358	128	121293	22.324	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	59929	21.939	ug/L	99

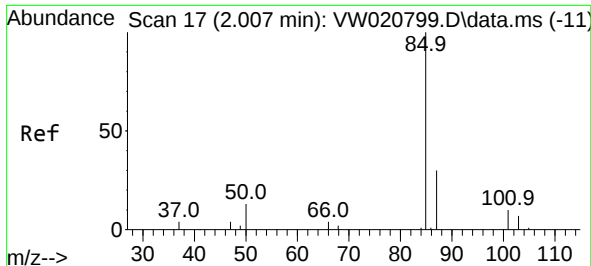
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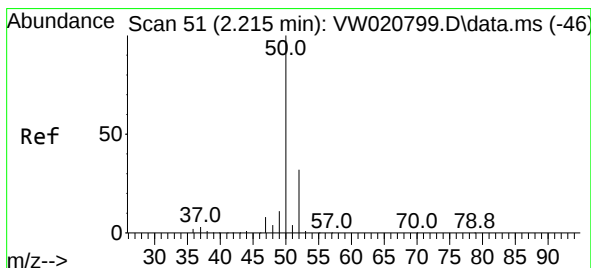
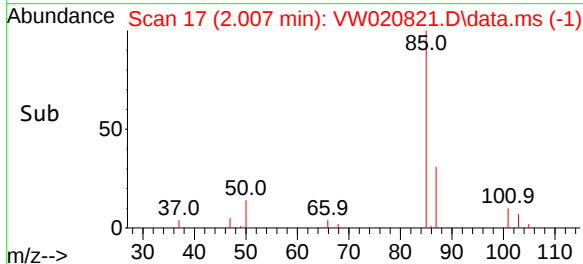
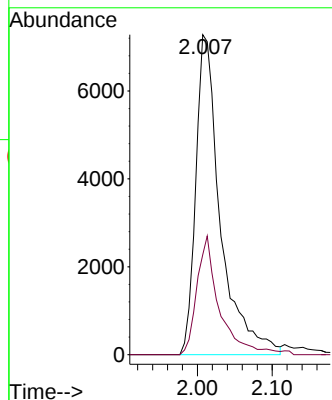
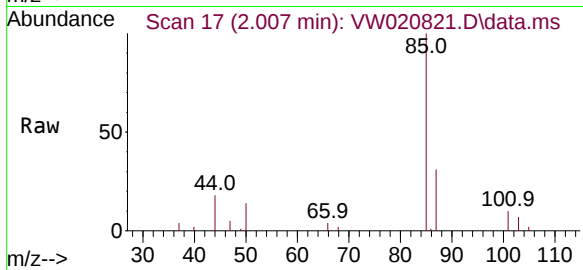




#2
 Dichlorodifluoromethane
 Concen: 27.238 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020821.D
 Acq: 09 Nov 2021 08:38

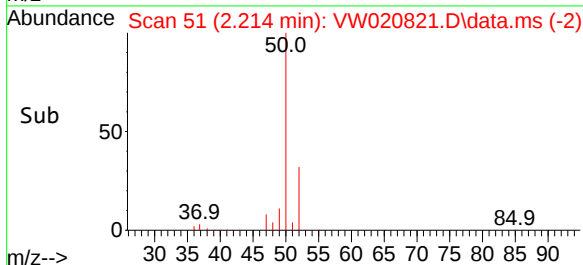
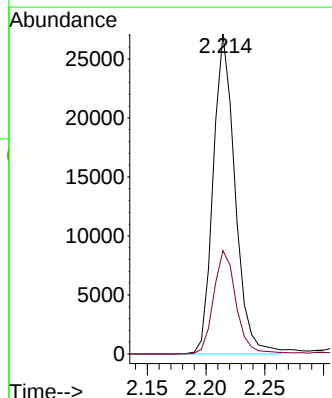
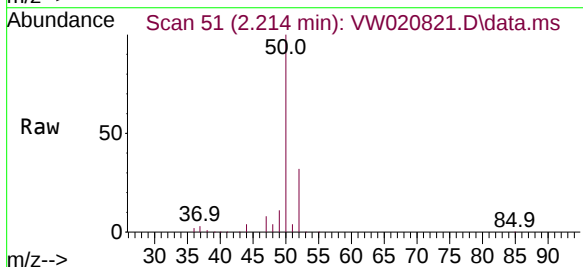
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 MSVOA_W
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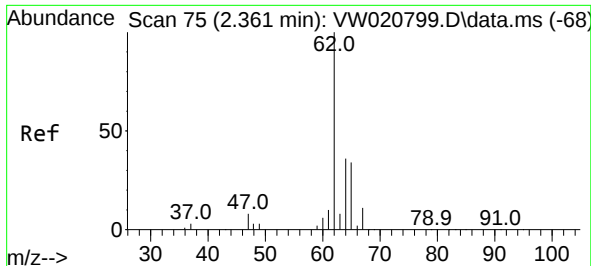
Tgt Ion: 85 Resp: 16666
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.8 38.6



#3
 Chloromethane
 Concen: 21.896 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020821.D
 Acq: 09 Nov 2021 08:38

Tgt Ion: 50 Resp: 35057
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.6

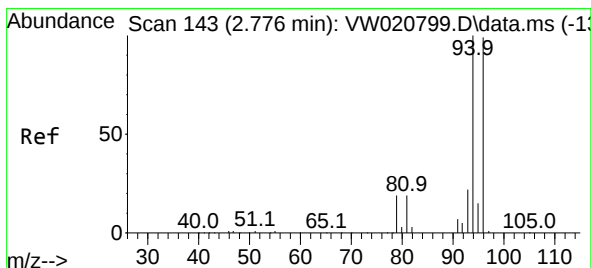
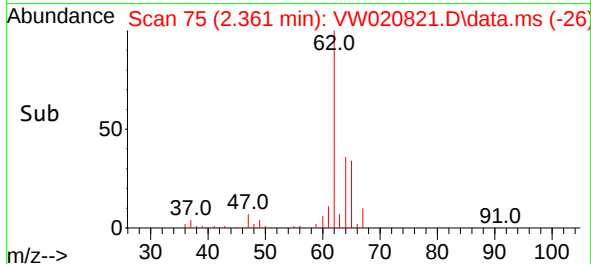
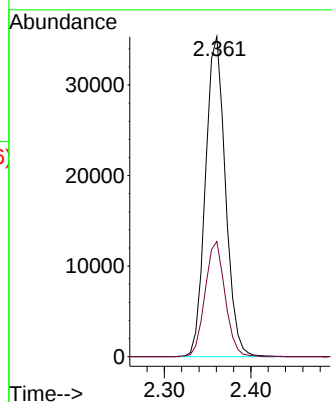
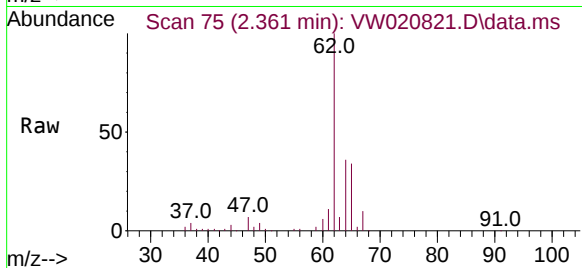




#5
 Vinyl chloride
 Concen: 24.482 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW020821.D
 Acq: 09 Nov 2021 08:38

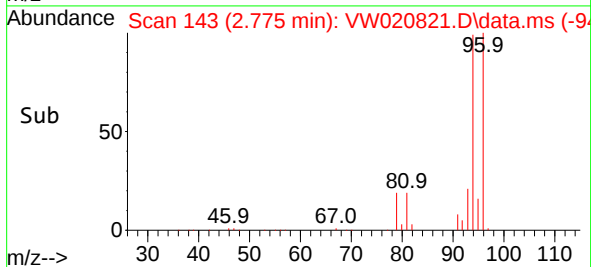
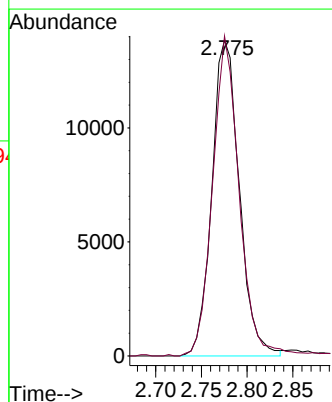
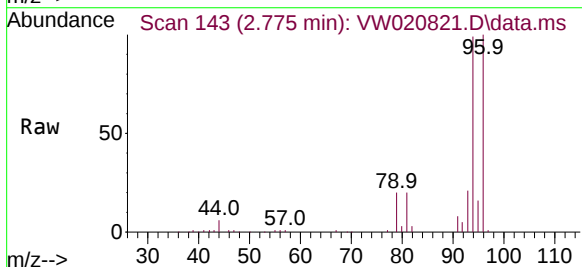
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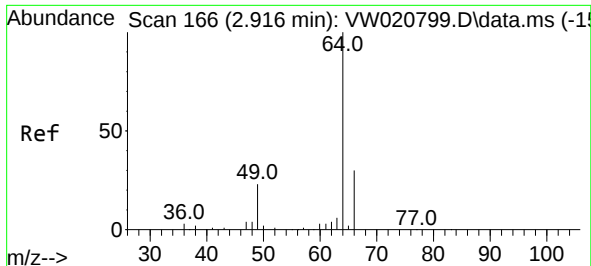
Tgt Ion: 62 Resp: 56535
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.4 45.2



#6
 Bromomethane
 Concen: 24.135 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW020821.D
 Acq: 09 Nov 2021 08:38

Tgt Ion: 94 Resp: 28844
 Ion Ratio Lower Upper
 94 100
 96 101.4 64.8 120.4

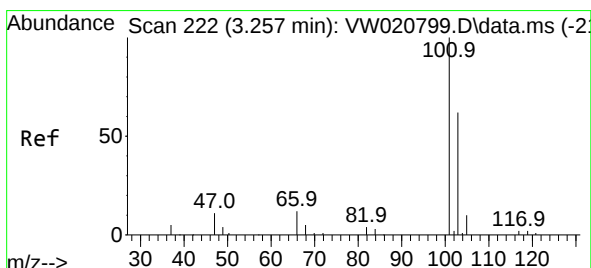
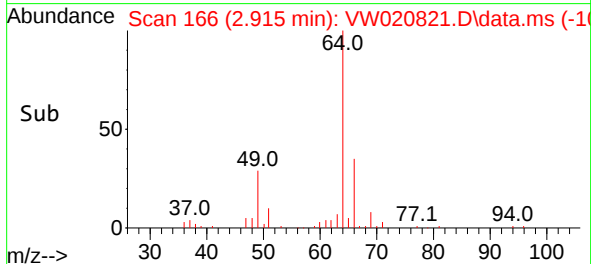
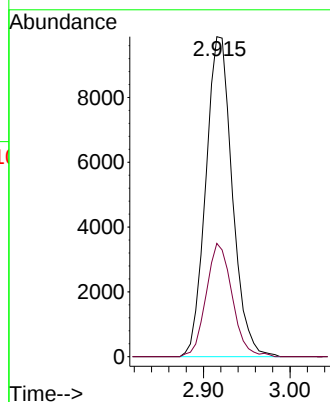
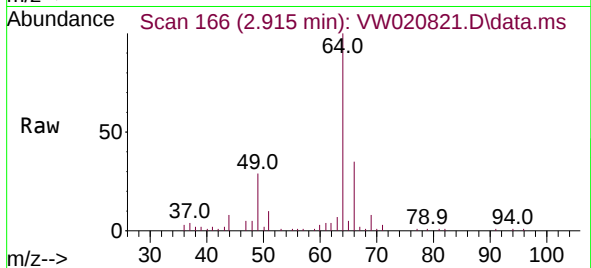




#8
Chloroethane
Concen: 24.737 ug/L
RT: 2.915 min Scan# 1
Delta R.T. -0.007 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

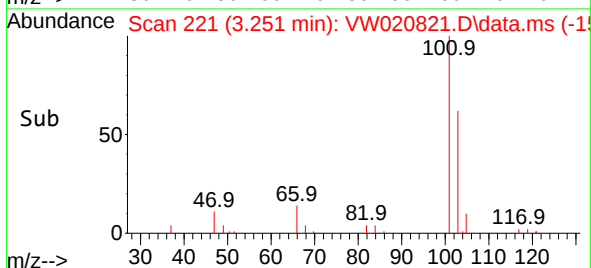
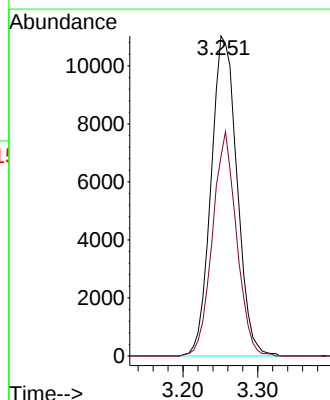
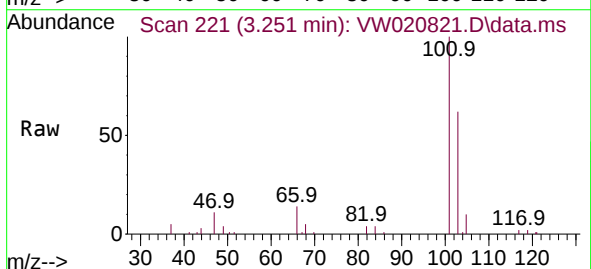
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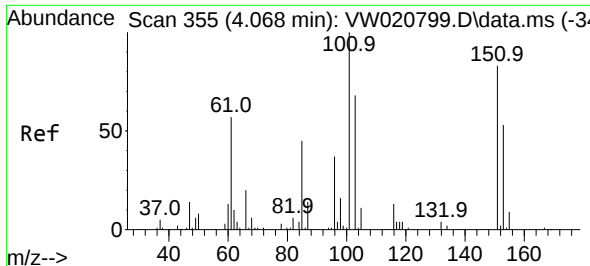
Tgt Ion: 64 Resp: 21005
Ion Ratio Lower Upper
64 100
66 35.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.766 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.007 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion:101 Resp: 26660
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

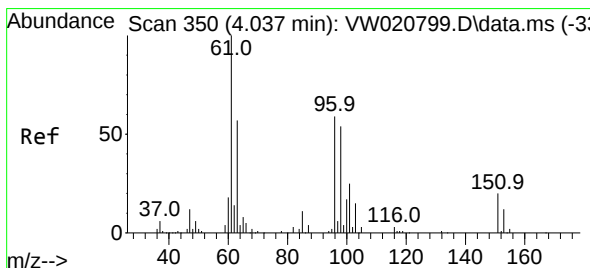
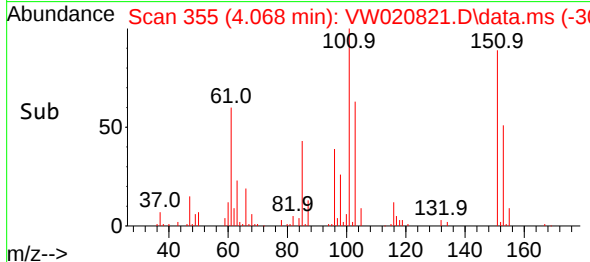
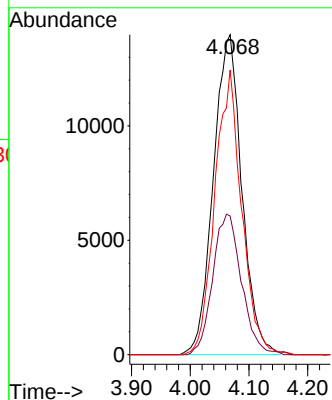
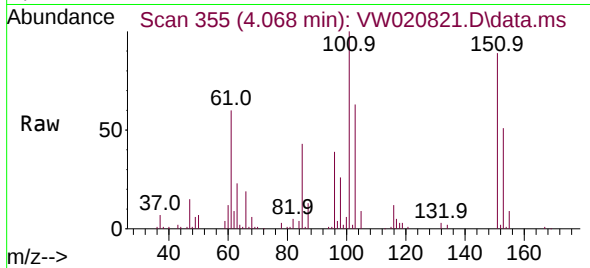




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.415 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW020821.D
 Acq: 09 Nov 2021 08:38

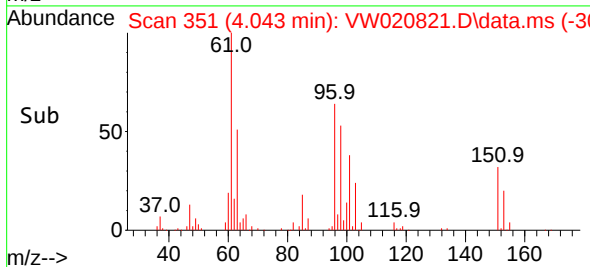
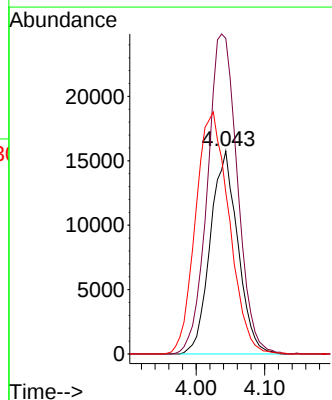
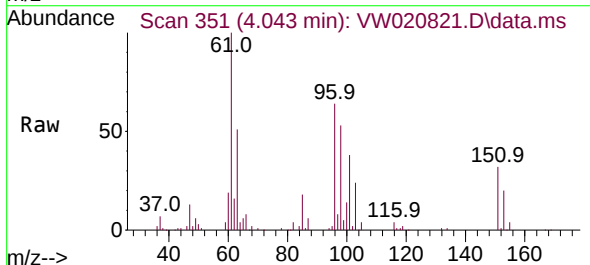
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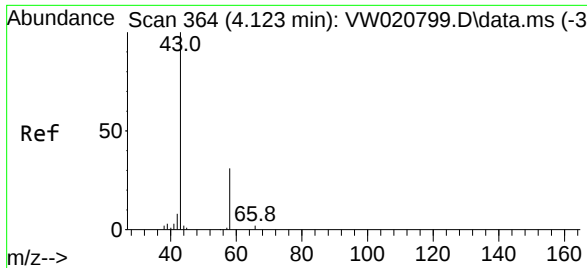
Tgt Ion:101 Resp: 47167
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 54.8
 151 83.5 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.879 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW020821.D
 Acq: 09 Nov 2021 08:38

Tgt Ion: 96 Resp: 43923
 Ion Ratio Lower Upper
 96 100
 61 155.6 138.3 256.9
 63 79.6 82.6 153.4#





#13

Acetone

Concen: 40.431 ug/L

RT: 4.122 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

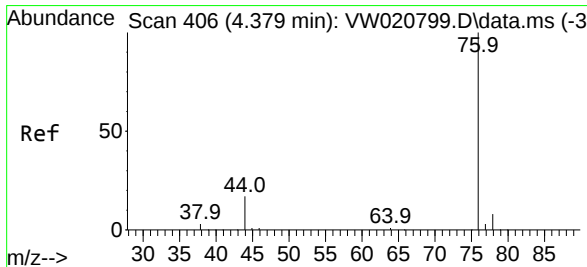
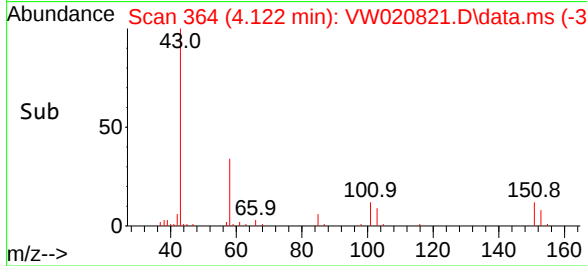
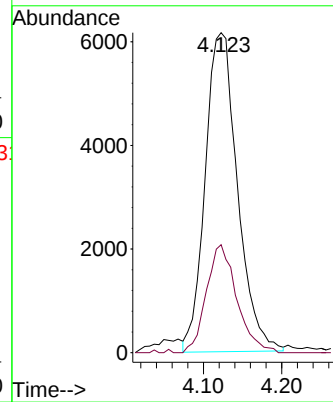
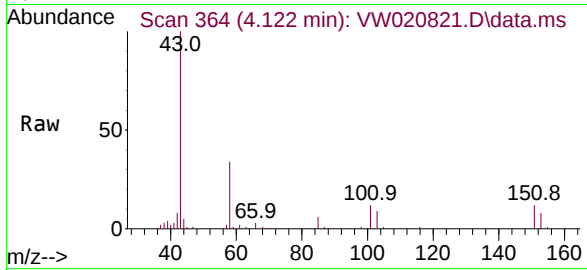
VSTD025487

Tgt Ion: 43 Resp: 17630

Ion Ratio Lower Upper

43 100

58 31.9 0.0 52.8



#14

Carbon disulfide

Concen: 21.837 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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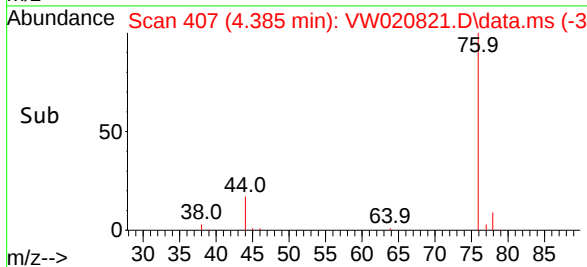
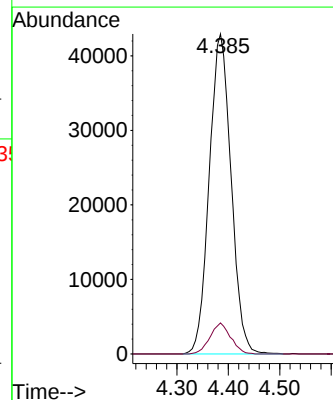
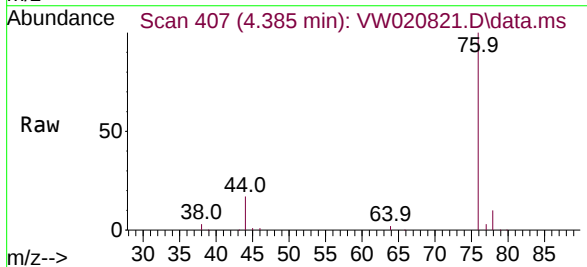
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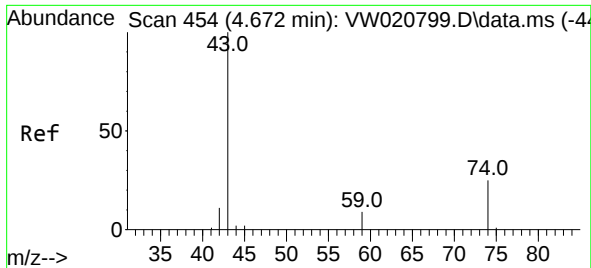
Tgt Ion: 76 Resp: 126538

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

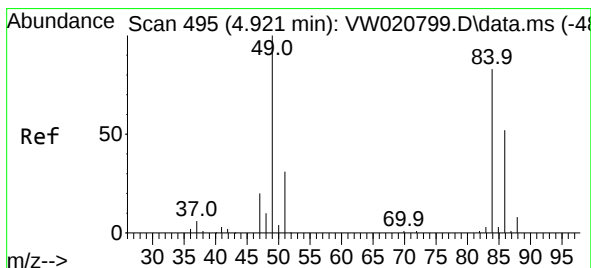
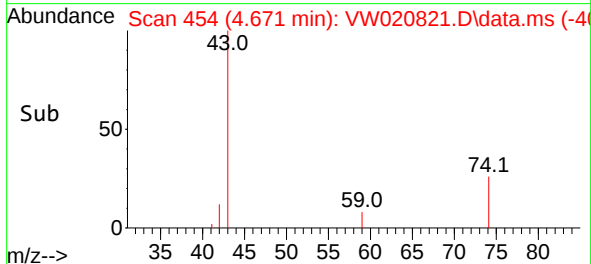
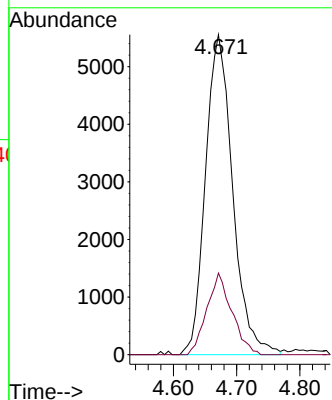
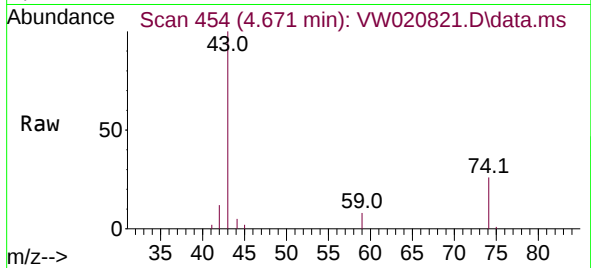




#15
Methyl Acetate
Concen: 21.494 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

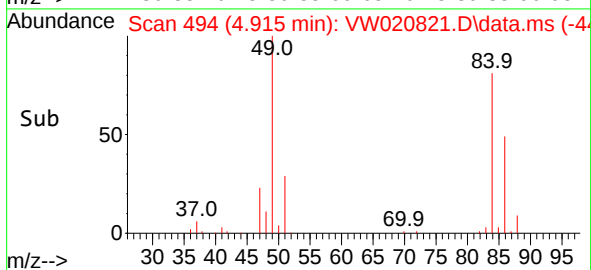
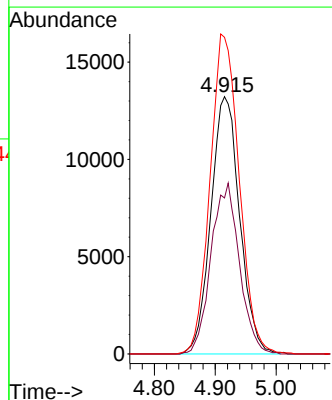
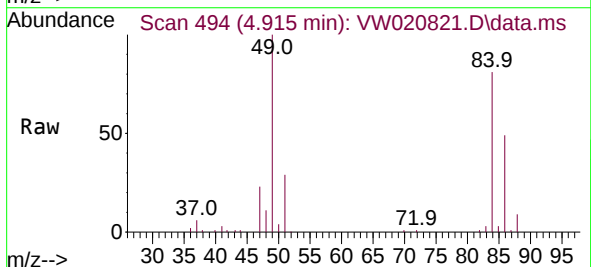
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

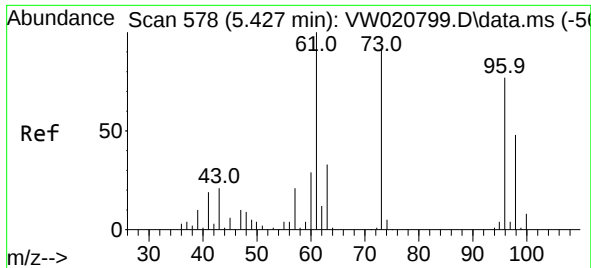
Tgt Ion: 43 Resp: 16611
Ion Ratio Lower Upper
43 100
74 23.4 16.4 24.6



#16
Methylene chloride
Concen: 19.555 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 84 Resp: 43452
Ion Ratio Lower Upper
84 100
86 60.7 45.5 84.5
49 123.1 100.5 186.7

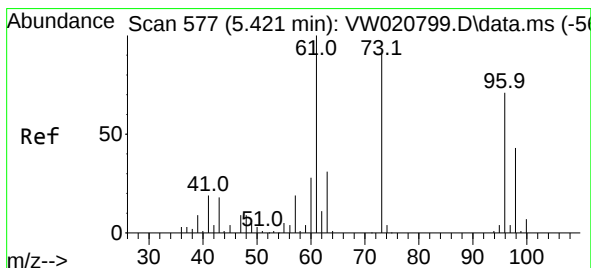
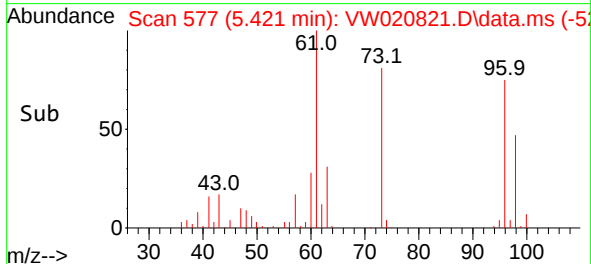
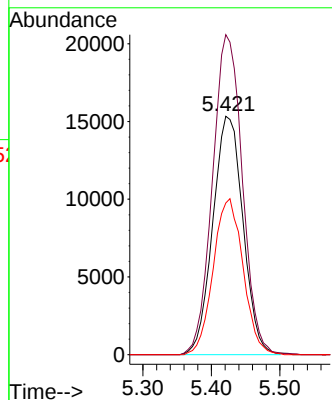
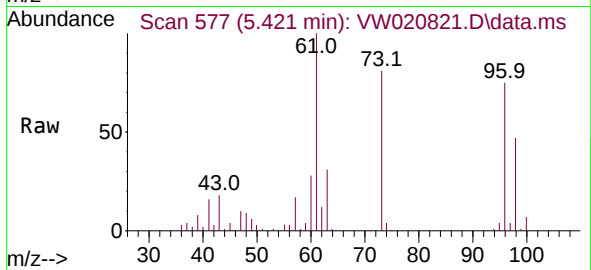




#17
trans-1,2-Dichloroethene
Concen: 22.989 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.007 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

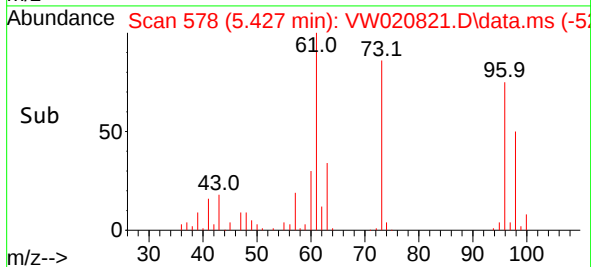
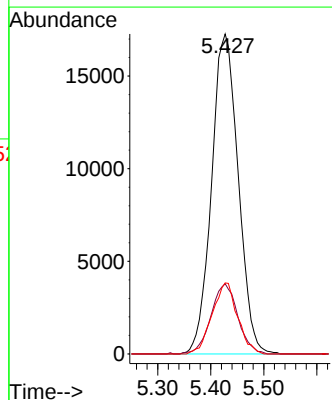
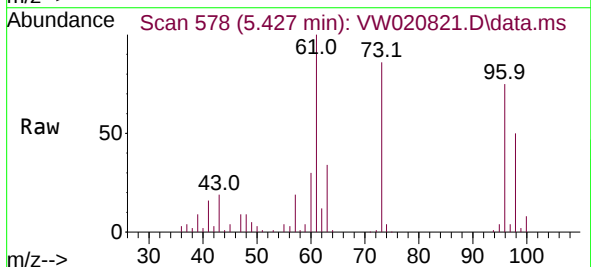
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

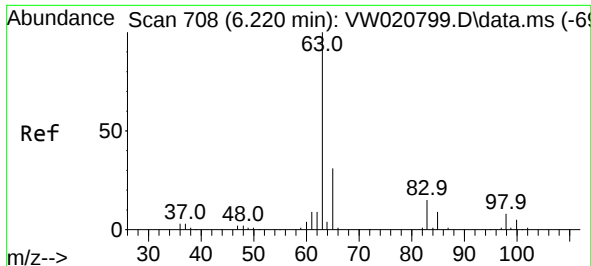
Tgt Ion: 96 Resp: 46914
Ion Ratio Lower Upper
96 100
61 134.2 107.4 199.4
98 63.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 20.893 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 73 Resp: 60330
Ion Ratio Lower Upper
73 100
43 22.1 19.5 29.3
57 21.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.024 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

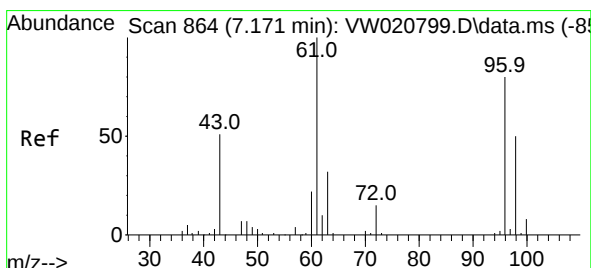
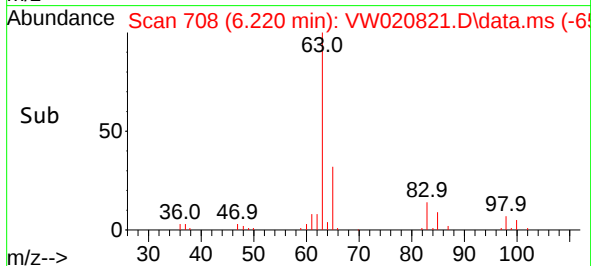
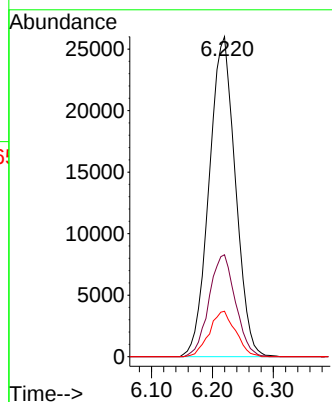
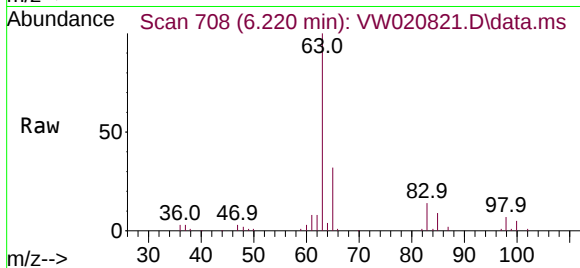
Tgt Ion: 63 Resp: 77840

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 14.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 22.897 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.007 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

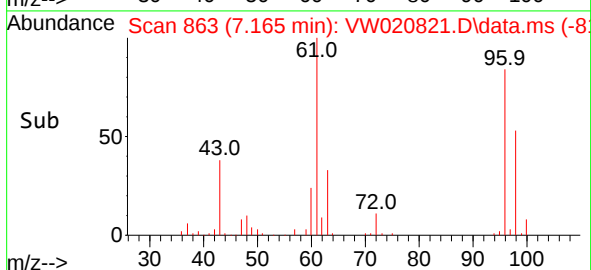
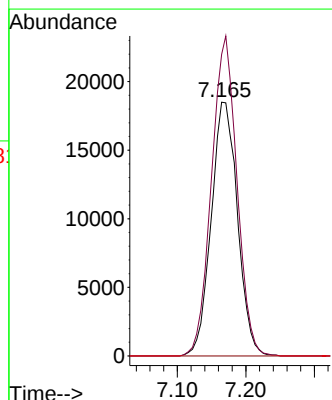
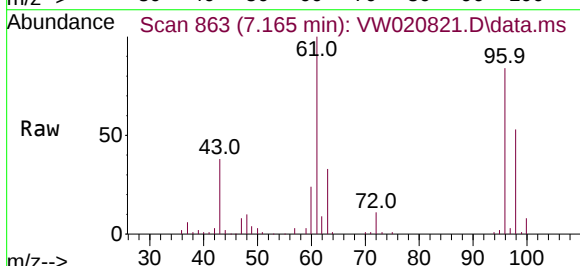
Tgt Ion: 96 Resp: 49255

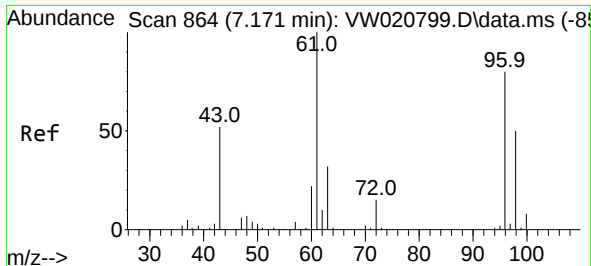
Ion Ratio Lower Upper

96 100

61 118.8 103.7 192.7

68 0.0 0.0 0.0

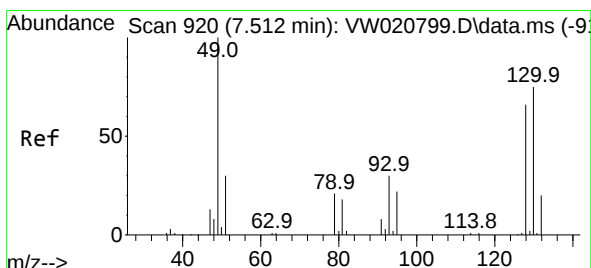
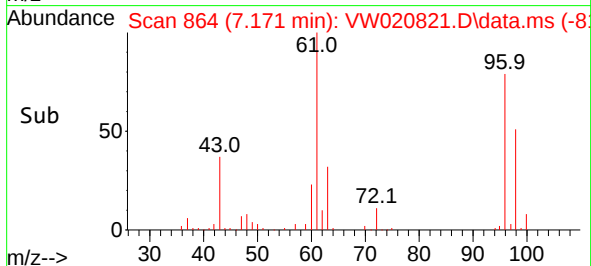
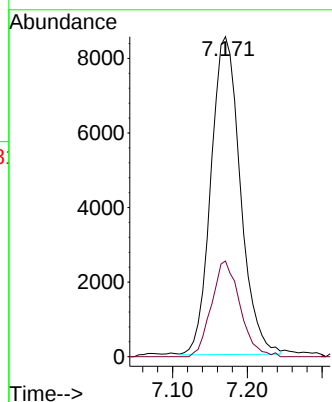
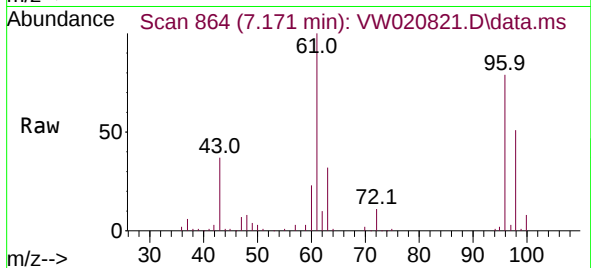




#22
2-Butanone
Concen: 40.347 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

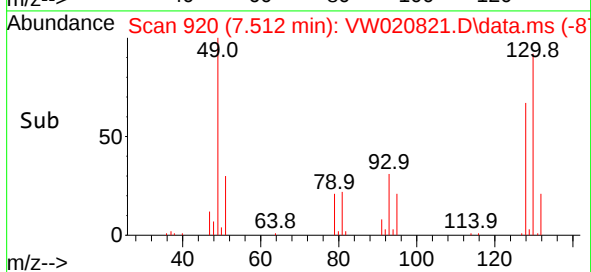
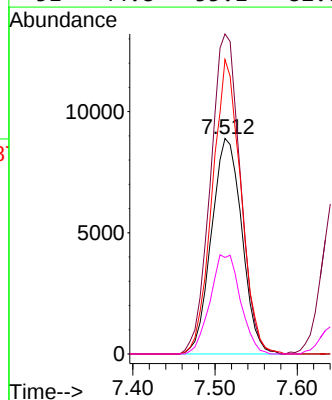
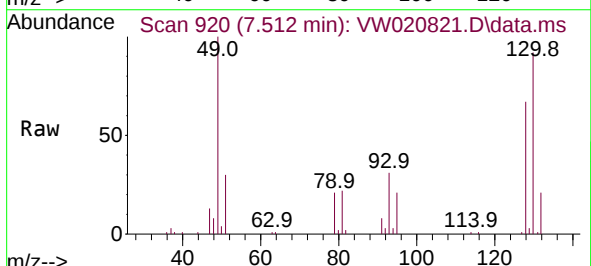
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

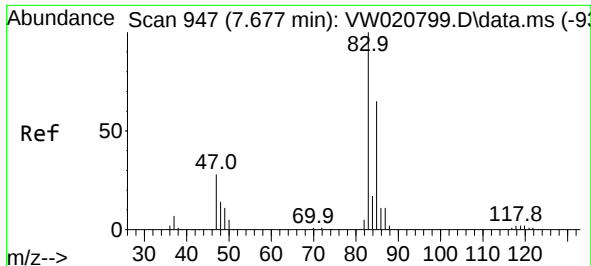
Tgt Ion: 43 Resp: 23378
Ion Ratio Lower Upper
43 100
72 29.0 11.8 35.4



#23
Bromochloromethane
Concen: 22.985 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 128 Resp: 22817
Ion Ratio Lower Upper
128 100
49 148.5 150.3 279.1#
130 136.6 88.3 163.9
51 44.8 55.1 82.7#

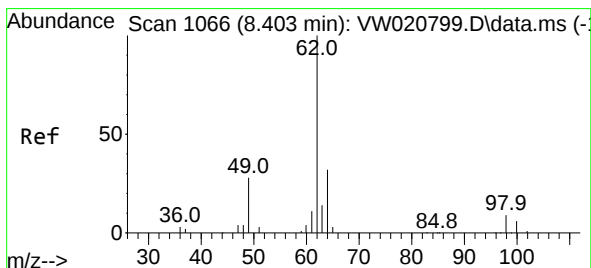
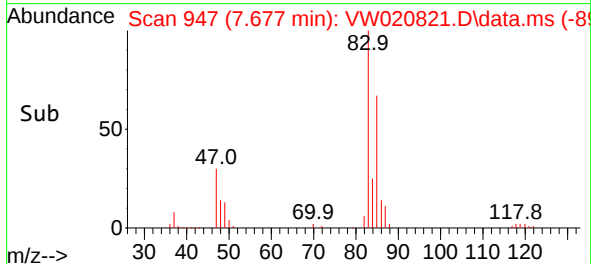
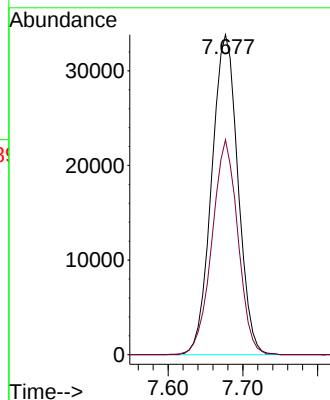
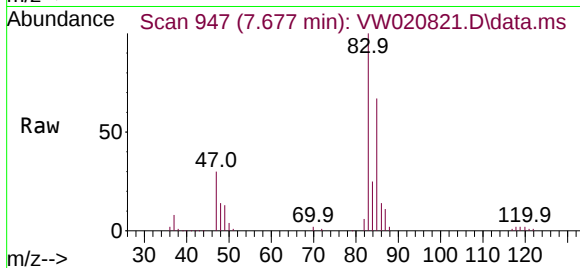




#25
Chloroform
Concen: 22.443 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

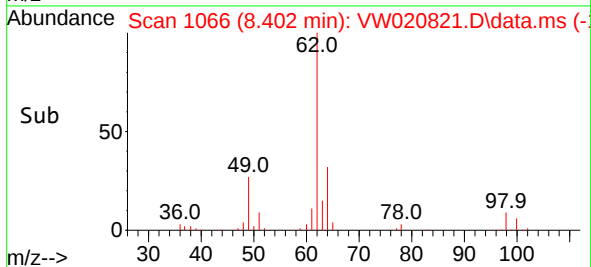
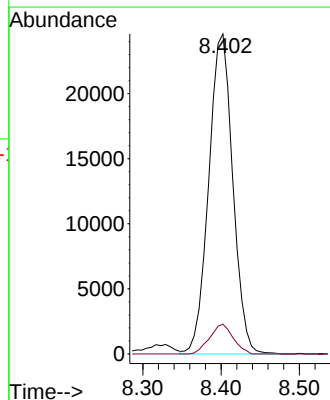
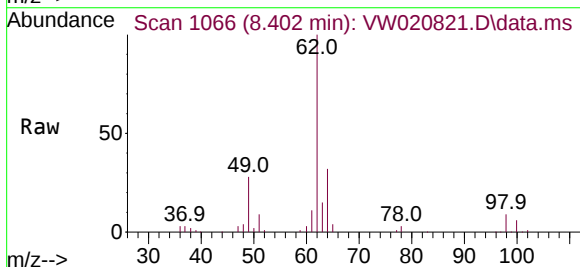
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

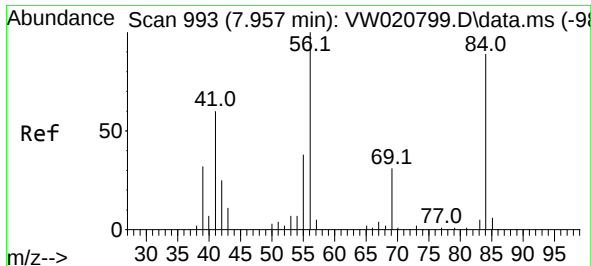
Tgt Ion: 83 Resp: 82577
Ion Ratio Lower Upper
83 100
85 67.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.036 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 62 Resp: 52489
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7





#29

Cyclohexane

Concen: 21.512 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

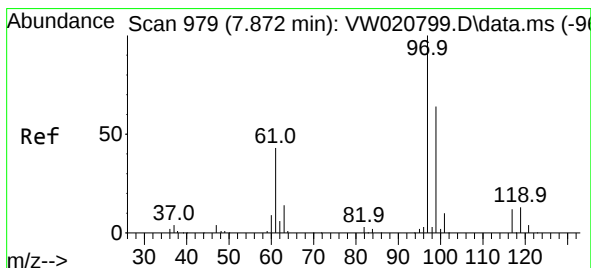
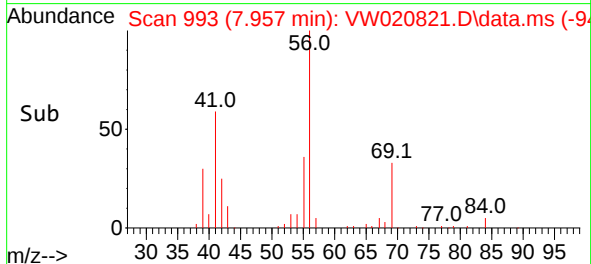
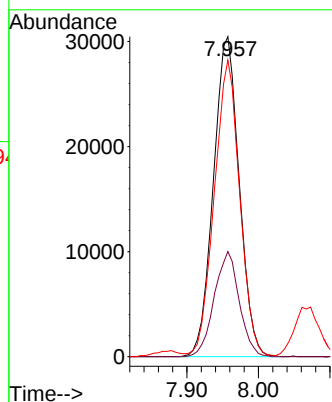
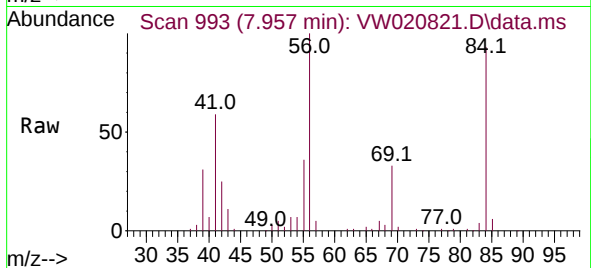
Tgt Ion: 56 Resp: 76286

Ion Ratio Lower Upper

56 100

69 31.8 23.5 35.3

84 91.5 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 22.803 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

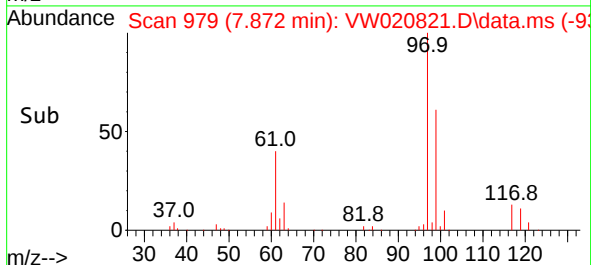
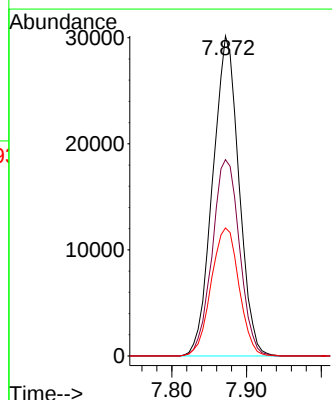
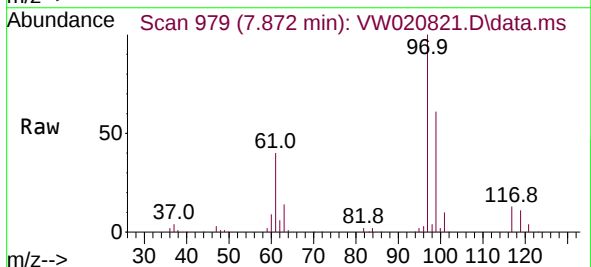
Tgt Ion: 97 Resp: 73654

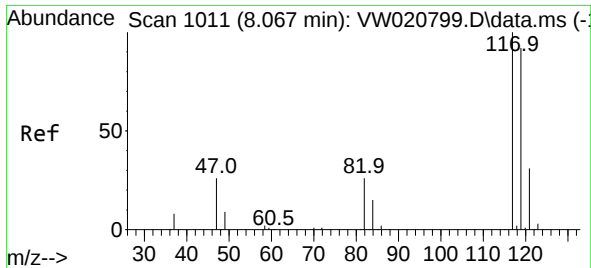
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 42.4 40.9 61.3

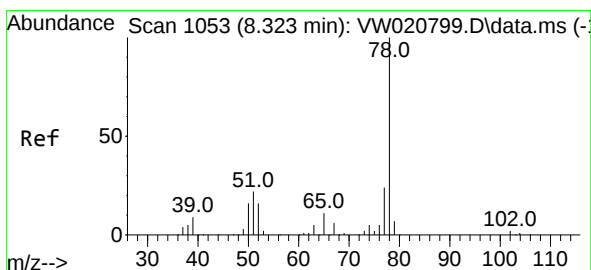
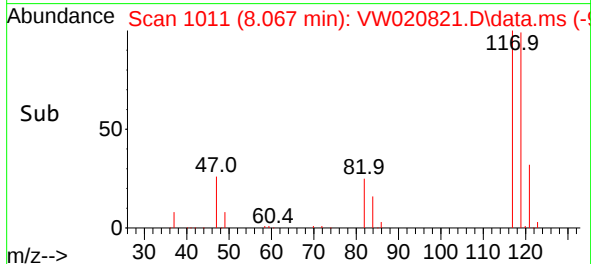
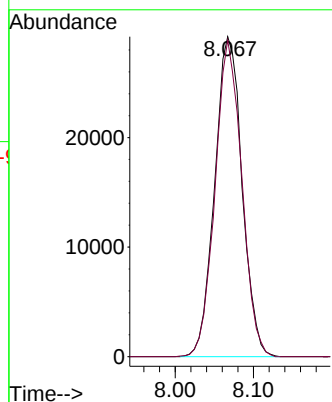
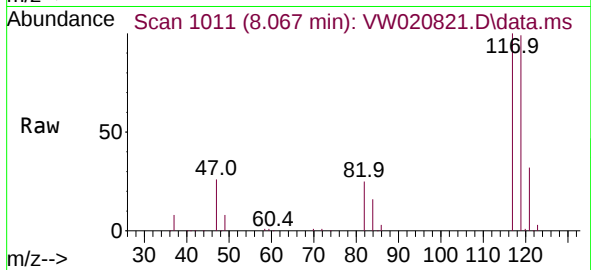




#31
Carbon tetrachloride
Concen: 23.048 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

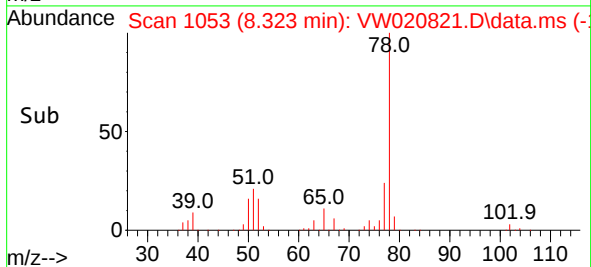
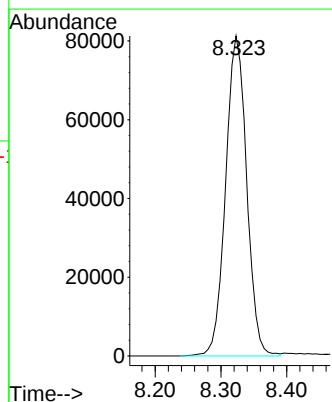
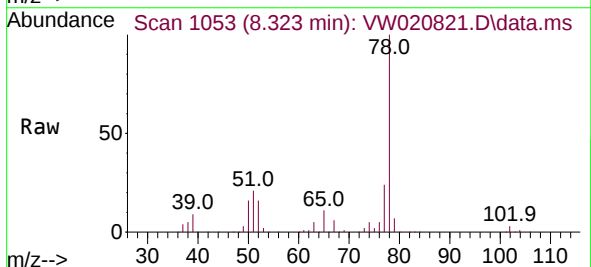
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

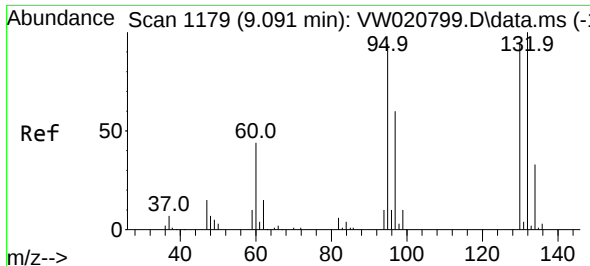
Tgt Ion:117 Resp: 70843
Ion Ratio Lower Upper
117 100
119 96.4 75.7 113.5



#33
Benzene
Concen: 22.244 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 78 Resp: 181070



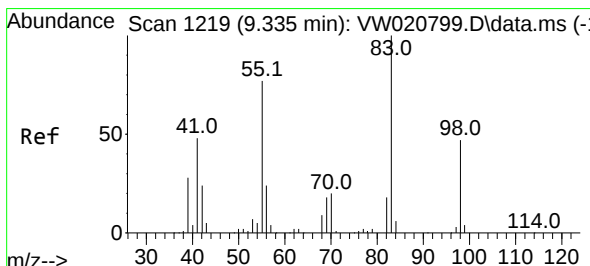
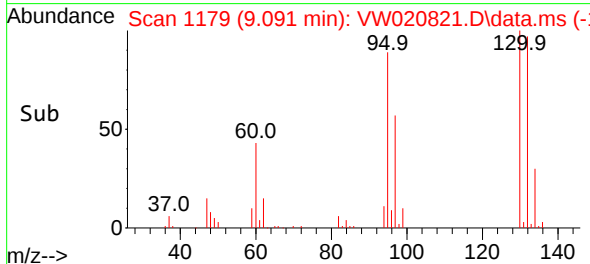
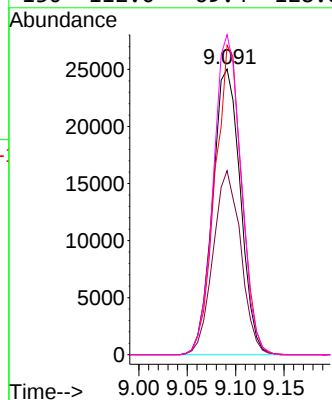
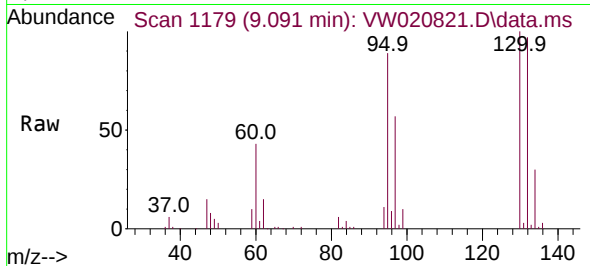


#34
Trichloroethene
Concen: 23.083 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

Tgt Ion: 95 Resp: 50014

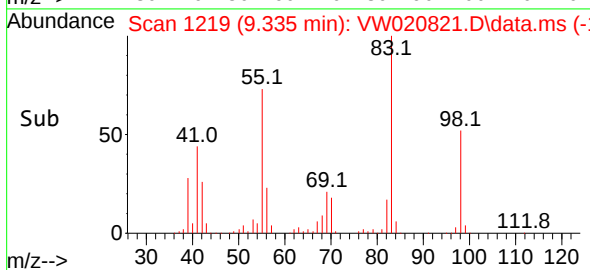
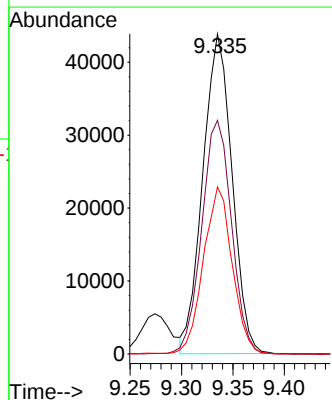
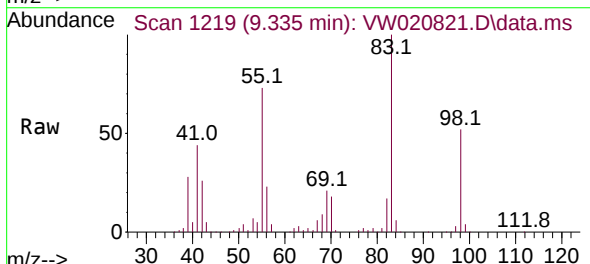
Ion	Ratio	Lower	Upper
95	100		
97	64.4	47.0	87.2
132	108.3	65.5	121.6
130	112.0	69.4	128.8

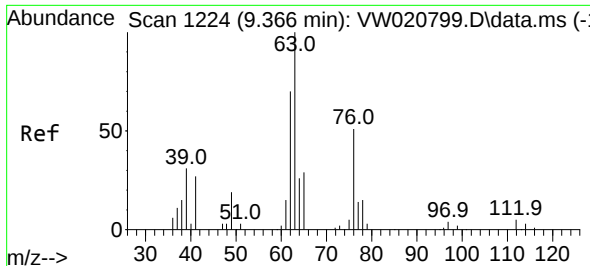


#35
Methylcyclohexane
Concen: 22.931 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 83 Resp: 86707

Ion	Ratio	Lower	Upper
83	100		
55	74.5	70.8	106.2
98	51.5	37.7	56.5





#37

1,2-Dichloropropane

Concen: 22.125 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

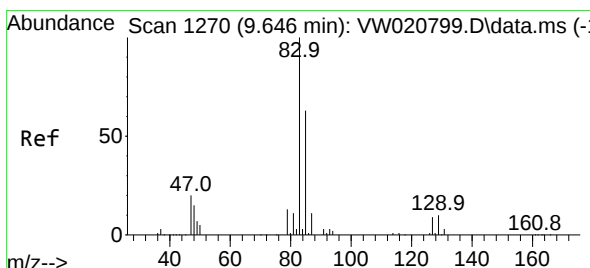
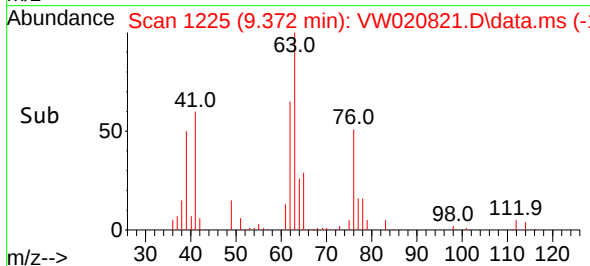
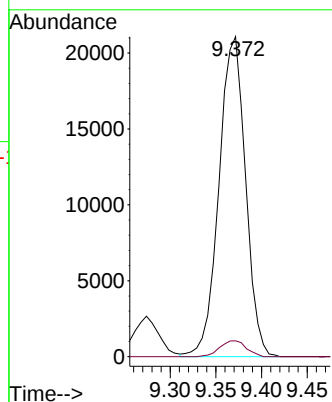
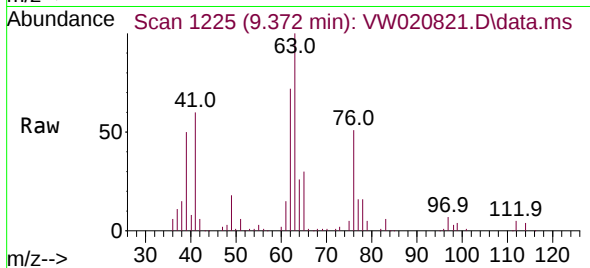
VSTD025487

Tgt Ion: 63 Resp: 42641

Ion Ratio Lower Upper

63 100

112 5.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 22.712 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

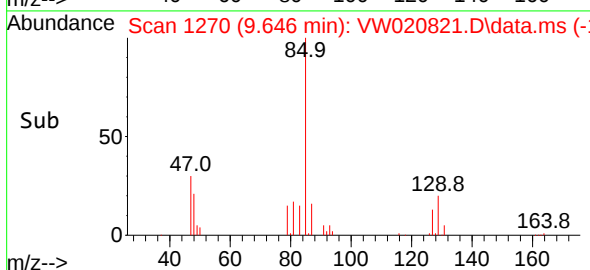
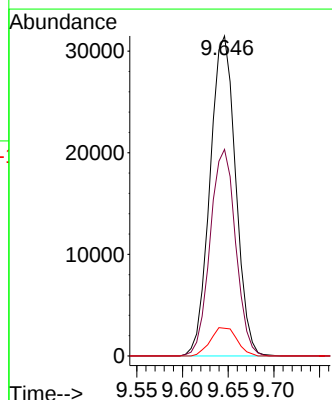
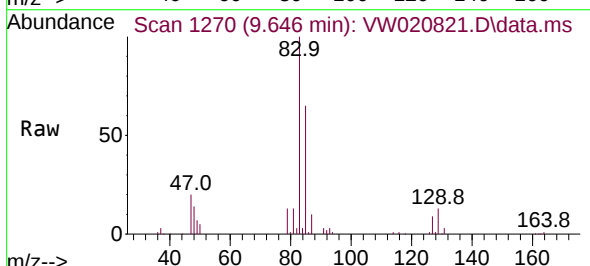
Tgt Ion: 83 Resp: 61272

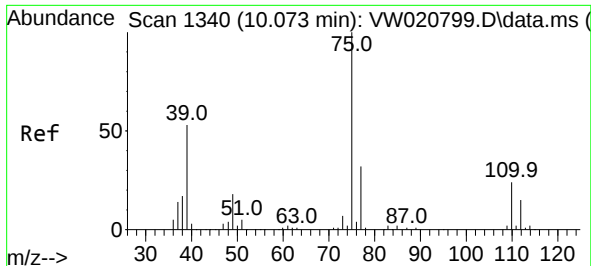
Ion Ratio Lower Upper

83 100

85 64.5 44.1 81.9

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 22.862 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

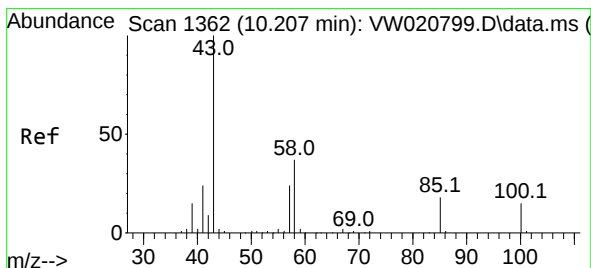
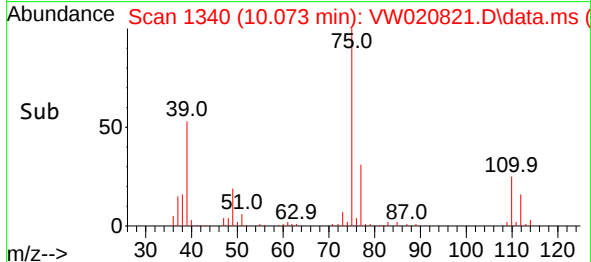
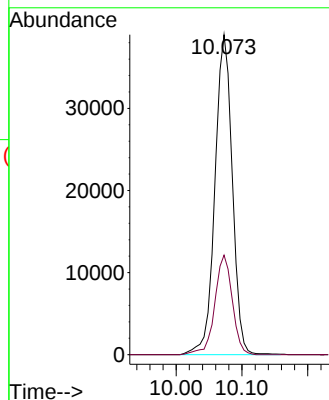
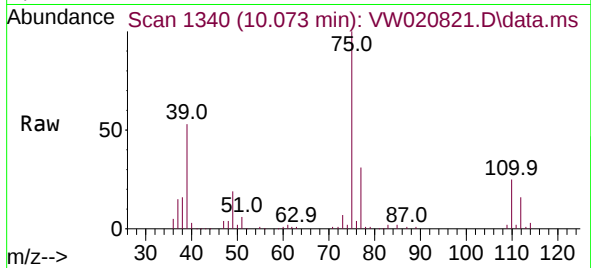
VSTD025487

Tgt Ion: 75 Resp: 71706

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 40.793 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

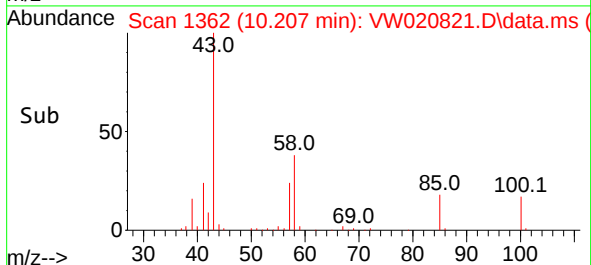
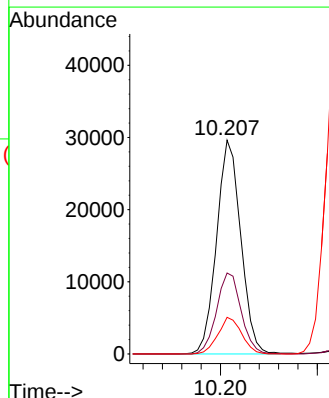
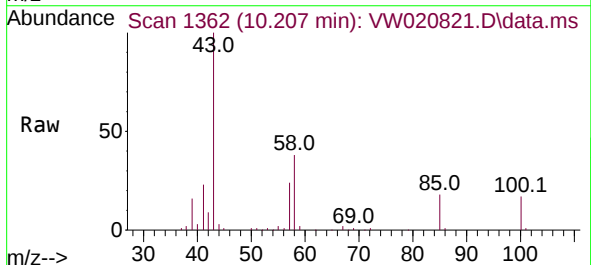
Tgt Ion: 43 Resp: 51382

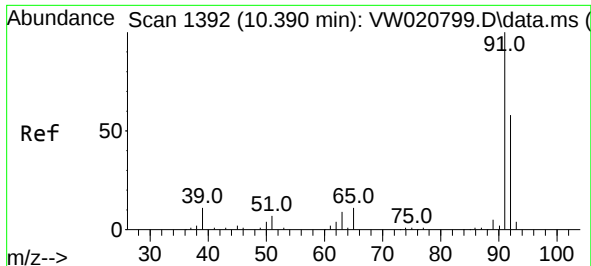
Ion Ratio Lower Upper

43 100

58 38.2 28.8 43.2

100 16.8 10.0 15.0#

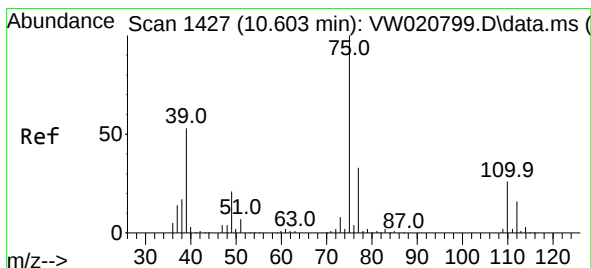
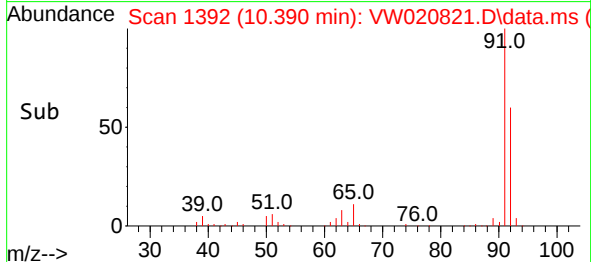
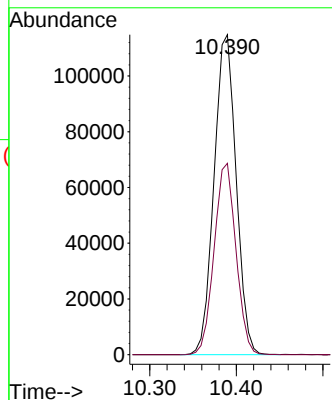
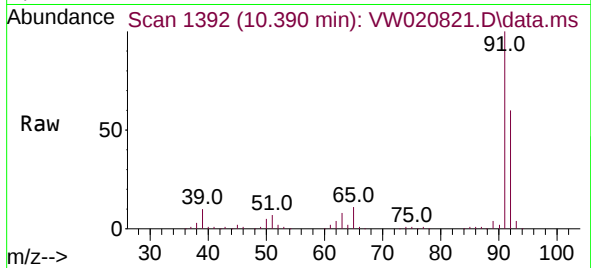




#42
Toluene
Concen: 23.261 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

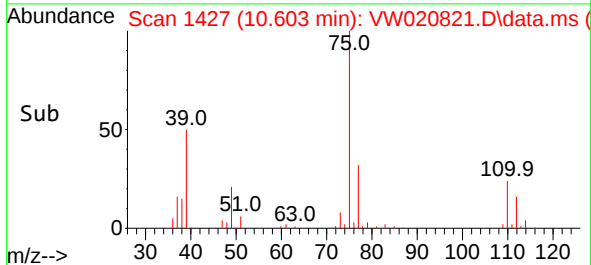
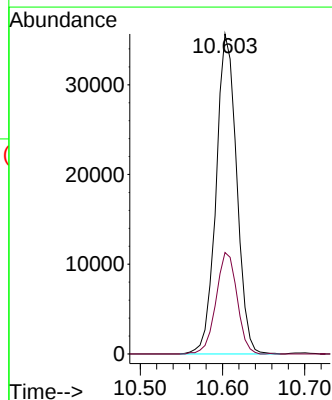
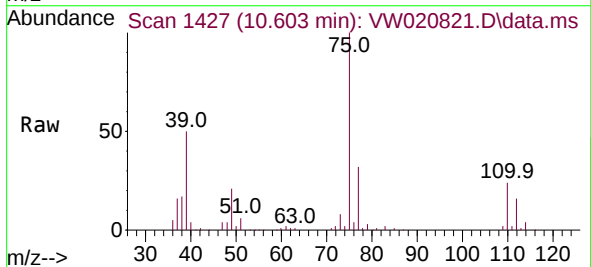
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

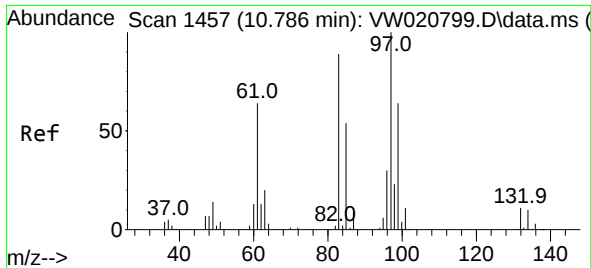
Tgt Ion: 91 Resp: 203608
Ion Ratio Lower Upper
91 100
92 59.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 21.839 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 75 Resp: 61961
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2

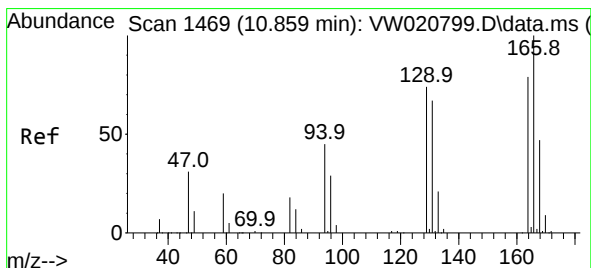
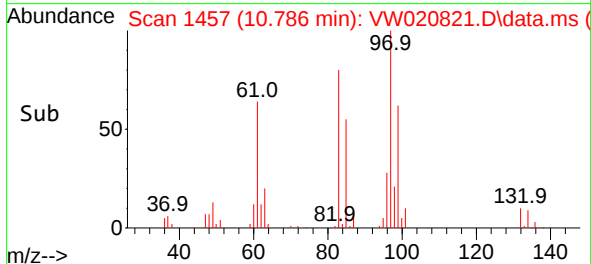
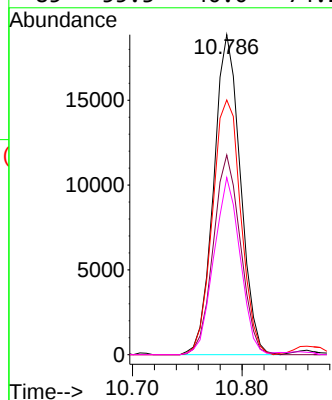
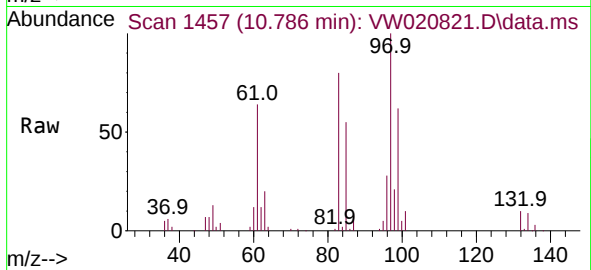




#45
1,1,2-Trichloroethane
Concen: 22.345 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

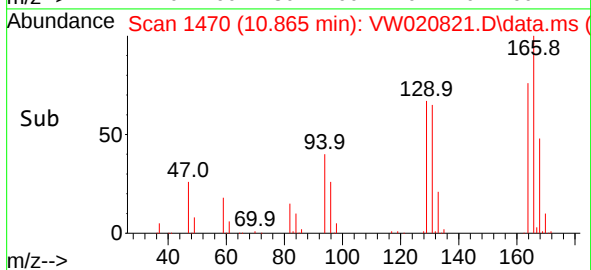
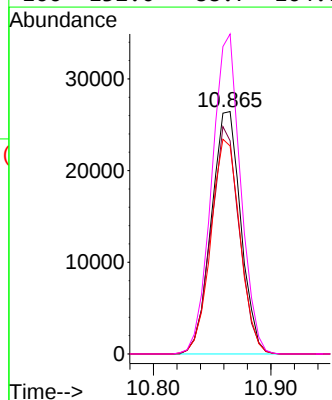
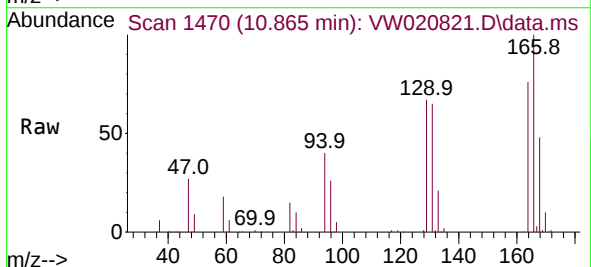
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

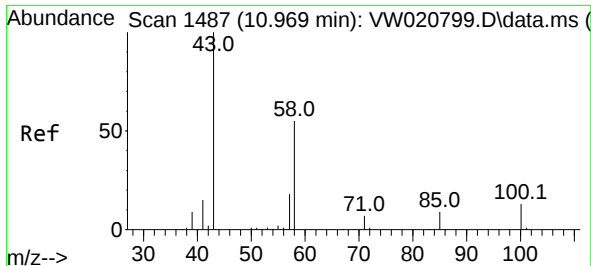
Tgt Ion: 97	Resp: 31960
Ion Ratio	Lower Upper
97 100	
99 62.4	43.0 79.8
83 79.6	62.6 116.3
85 55.3	40.0 74.2



#46
Tetrachloroethene
Concen: 23.799 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt	Ion:164	Resp:	46253
Ion	Ratio	Lower	Upper
164	100		
129	87.9	65.5	121.7
131	85.8	59.7	110.9
166	132.0	88.7	164.7

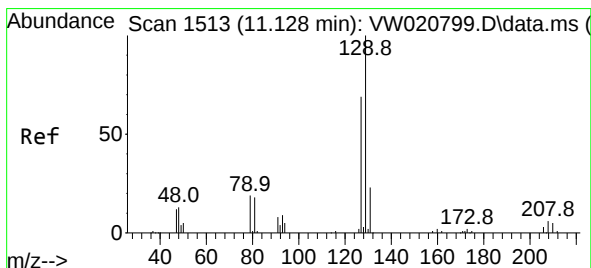
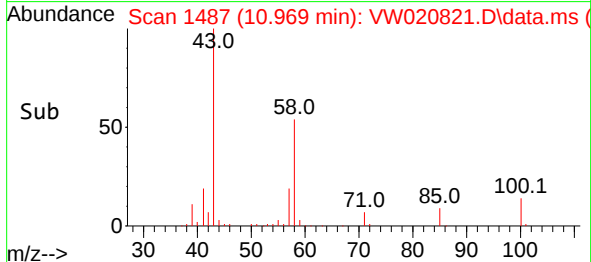
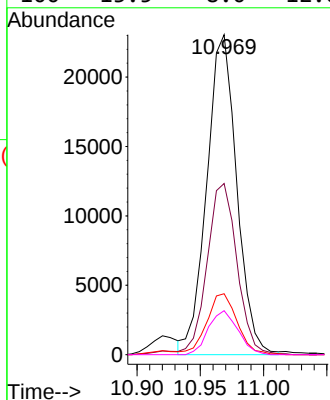
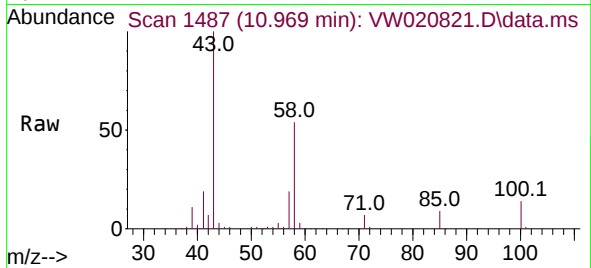




#48
2-Hexanone
Concen: 41.362 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

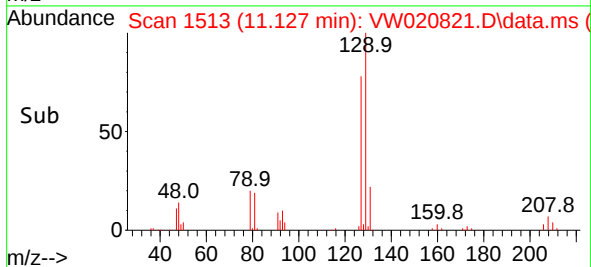
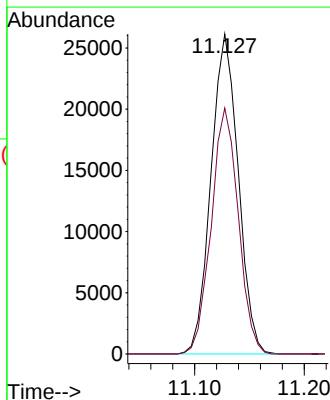
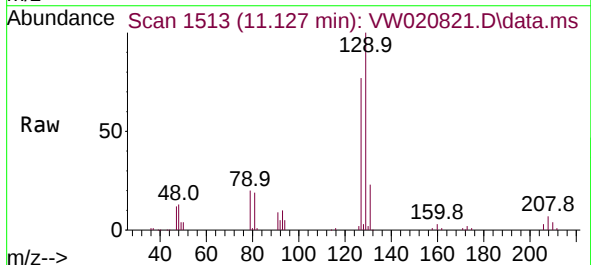
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

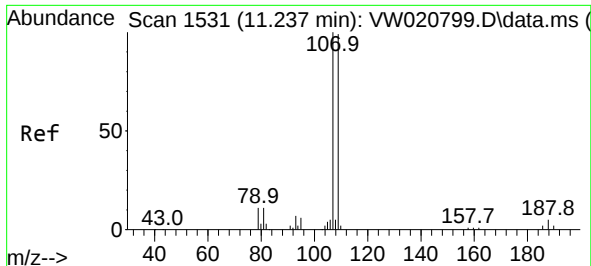
Tgt Ion:	43	Resp:	38042
Ion	Ratio	Lower	Upper
43	100		
58	53.1	40.2	60.2
57	19.4	14.3	21.5
100	13.5	8.0	12.0



#49
Dibromochloromethane
Concen: 23.146 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion:	129	Resp:	45209
Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.7	103.5





#50

1,2-Dibromoethane

Concen: 22.150 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

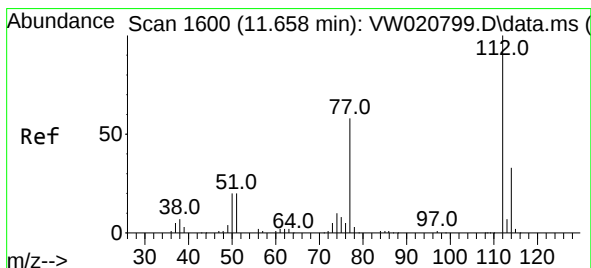
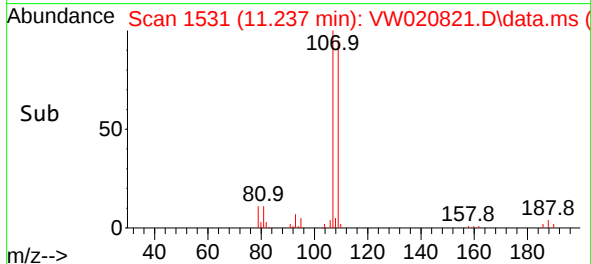
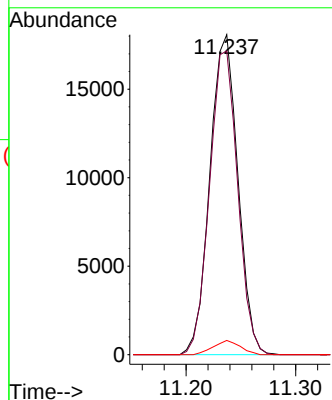
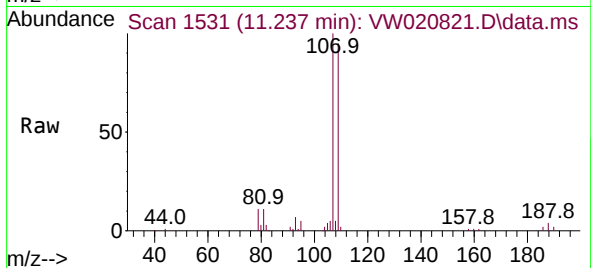
Tgt Ion:107 Resp: 32123

Ion Ratio Lower Upper

107 100

109 94.9 64.1 119.1

188 4.4 2.6 3.8#



#51

Chlorobenzene

Concen: 23.956 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

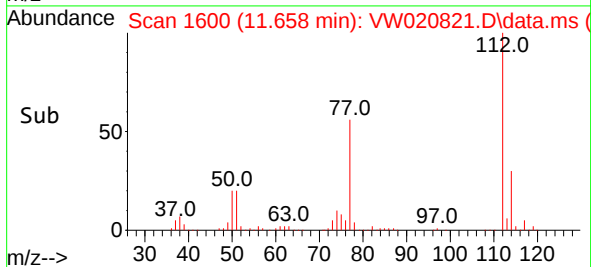
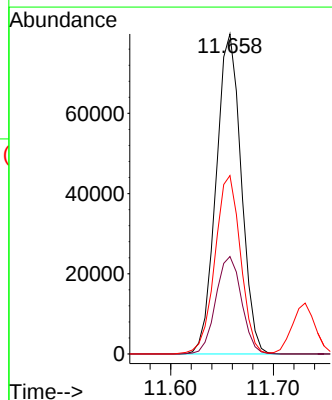
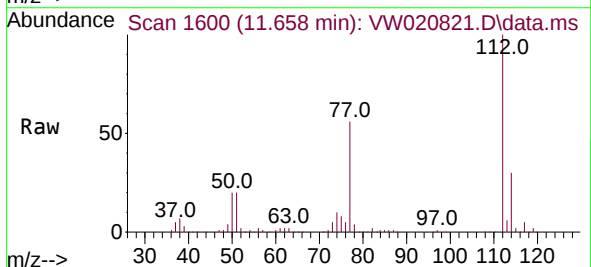
Tgt Ion:112 Resp: 135256

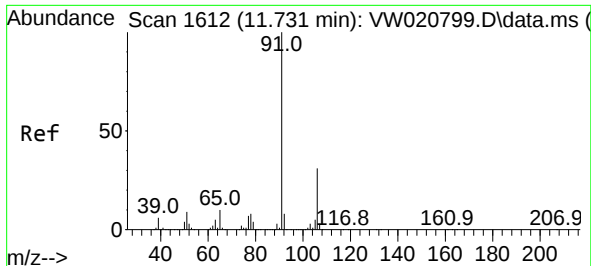
Ion Ratio Lower Upper

112 100

114 30.5 22.4 41.6

77 55.7 50.2 75.4

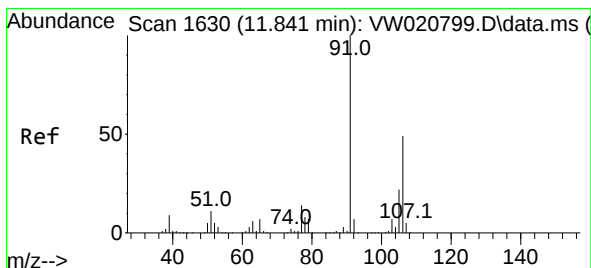
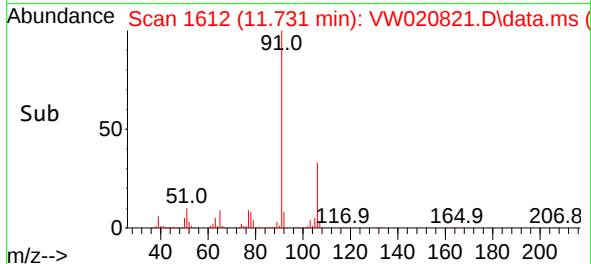
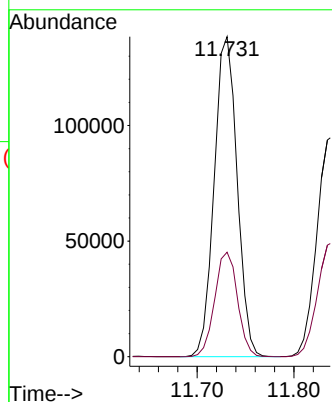
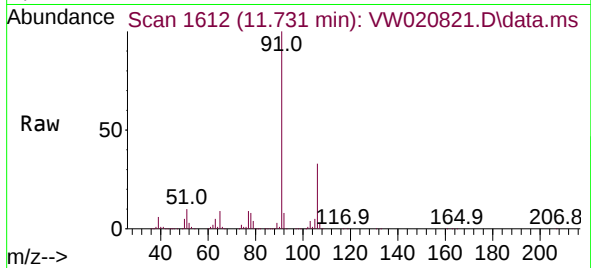




#52
Ethylbenzene
Concen: 23.180 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

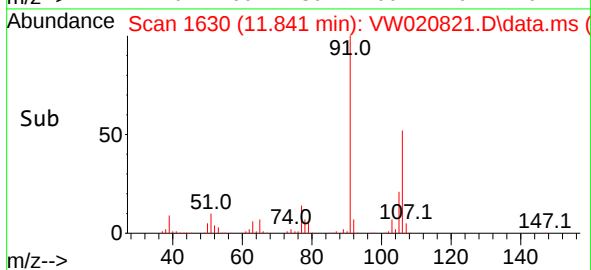
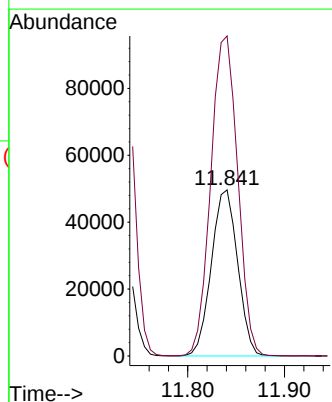
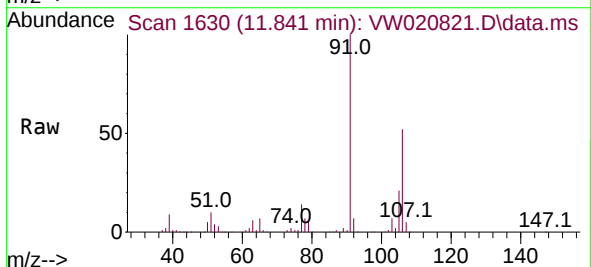
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

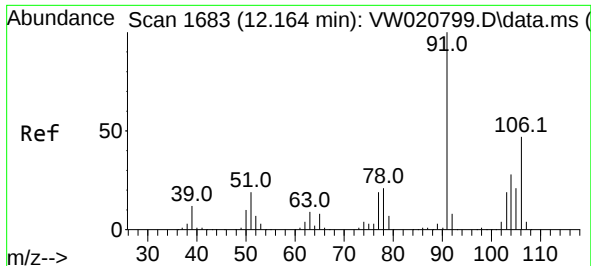
Tgt Ion: 91 Resp: 227331
Ion Ratio Lower Upper
91 100
106 32.6 21.5 39.9



#53
m,p-Xylene
Concen: 23.856 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 106 Resp: 93741
Ion Ratio Lower Upper
106 100
91 192.7 149.9 278.3

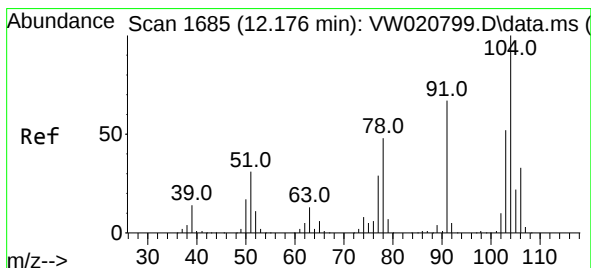
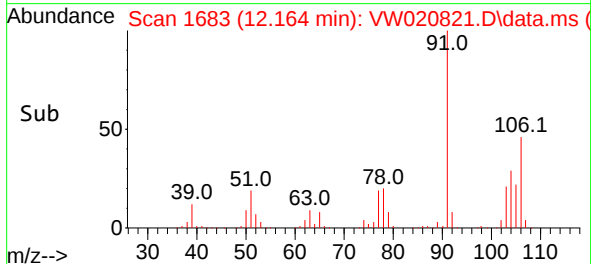
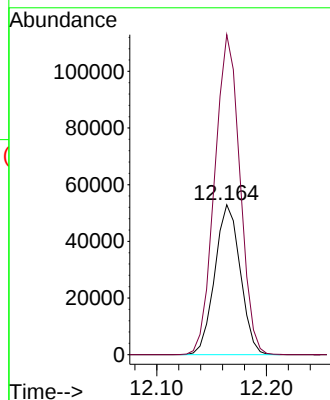
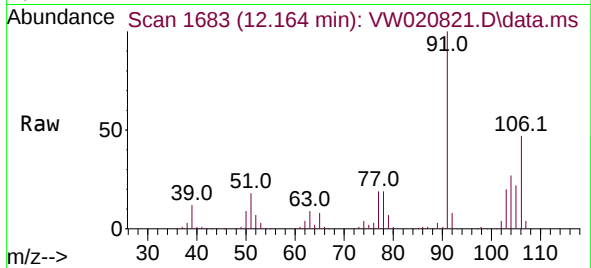




#54
o-Xylene
Concen: 22.939 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

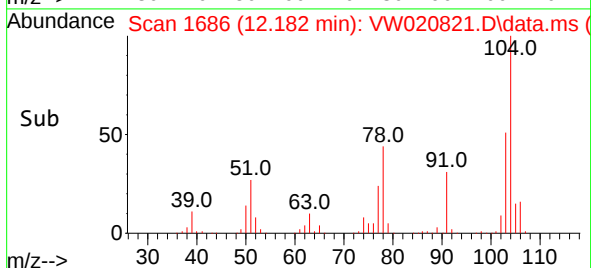
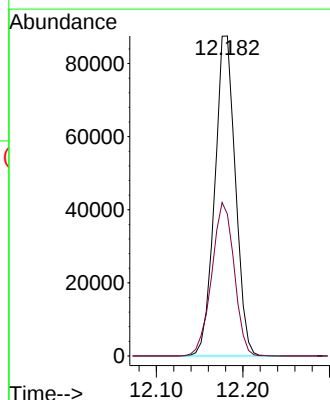
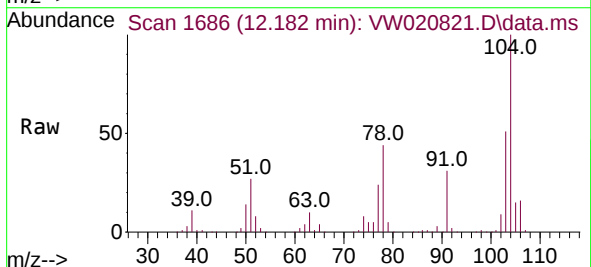
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

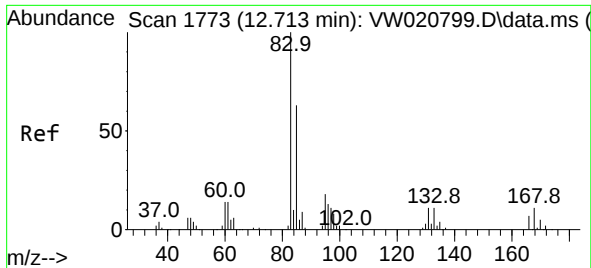
Tgt Ion:106 Resp: 85383
Ion Ratio Lower Upper
106 100
91 213.4 153.6 285.3



#55
Styrene
Concen: 22.944 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion:104 Resp: 145191
Ion Ratio Lower Upper
104 100
78 44.3 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 22.714 ug/L

RT: 12.712 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

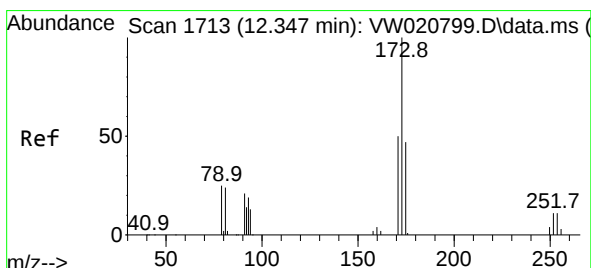
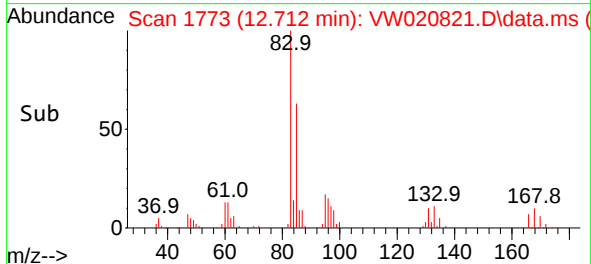
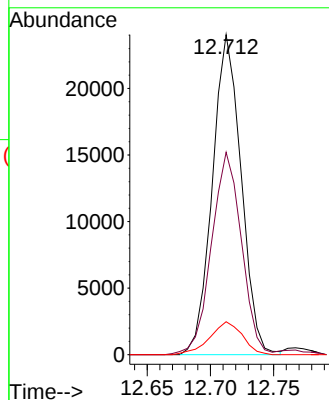
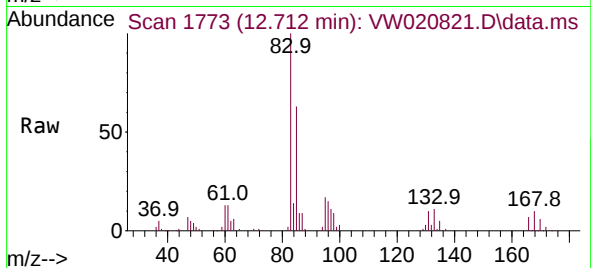
Tgt Ion: 83 Resp: 38075

Ion Ratio Lower Upper

83 100

85 63.2 44.0 81.6

131 10.3 6.9 10.3



#59

Bromoform

Concen: 20.720 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

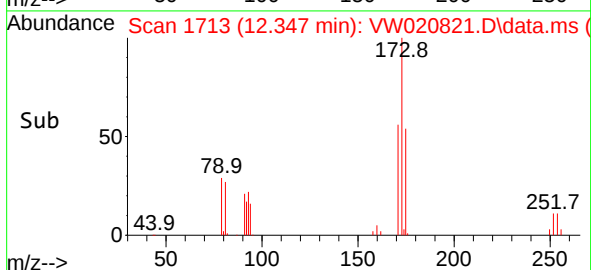
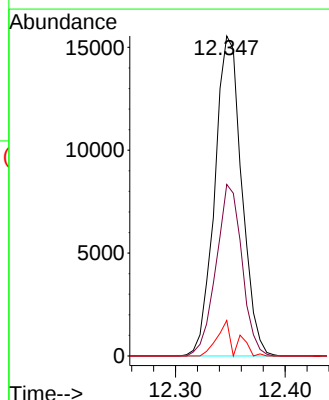
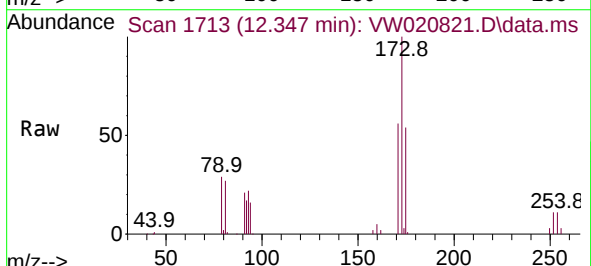
Tgt Ion:173 Resp: 26642

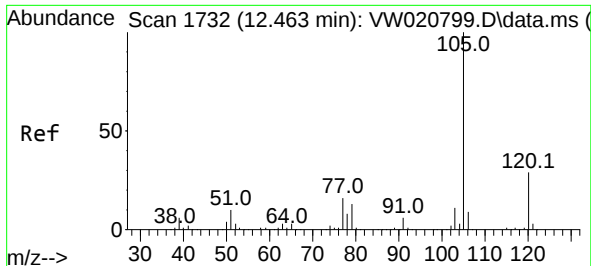
Ion Ratio Lower Upper

173 100

175 51.4 39.6 59.4

254 5.0 7.4 11.0#

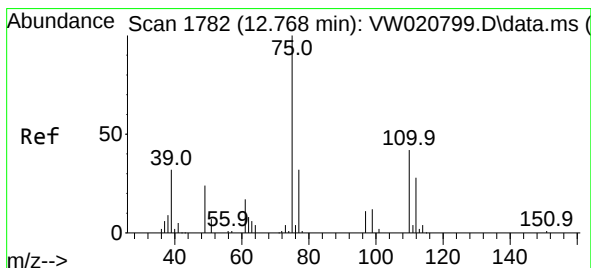
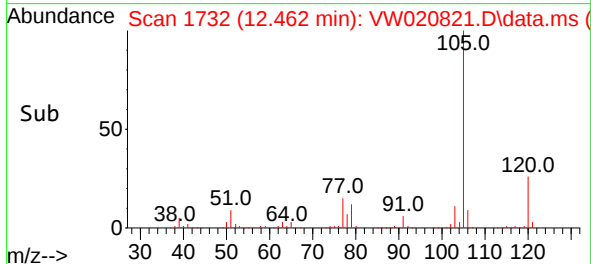
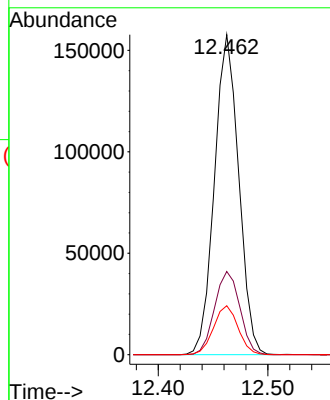
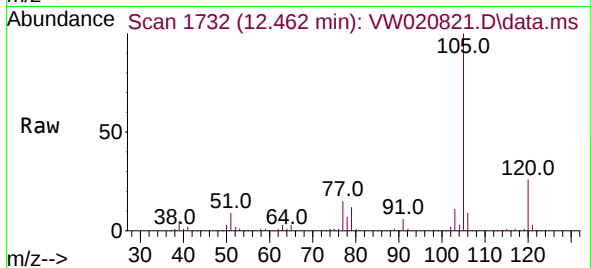




#60
Isopropylbenzene
Concen: 23.168 ug/L
RT: 12.462 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

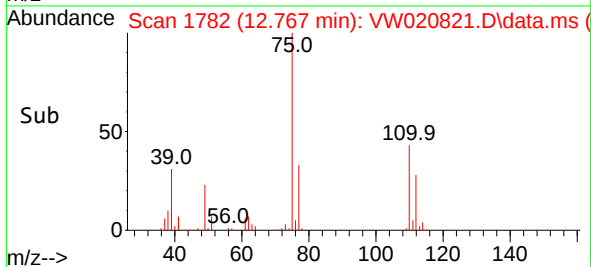
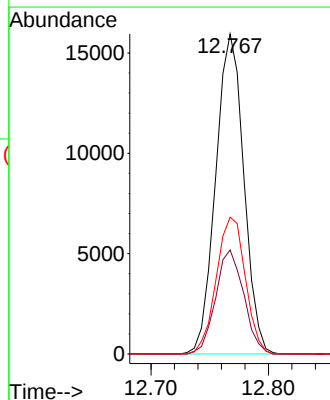
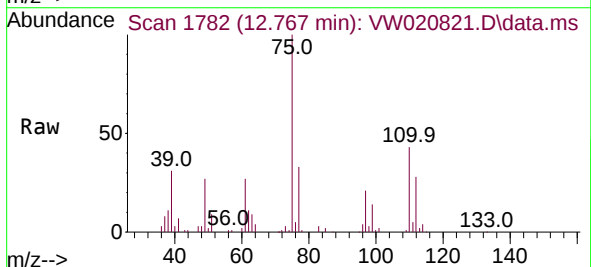
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

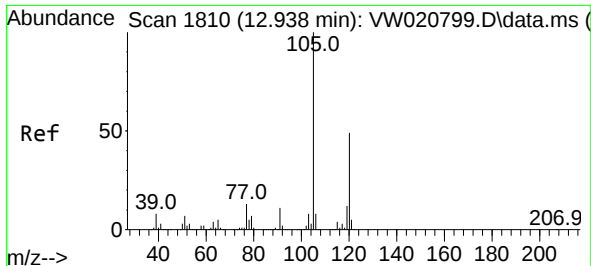
Tgt Ion:105 Resp: 242741
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 15.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 21.096 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion: 75 Resp: 26502
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 44.1 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.801 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

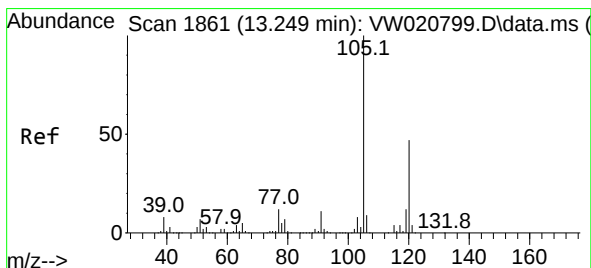
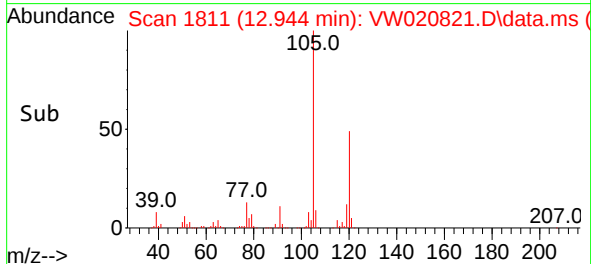
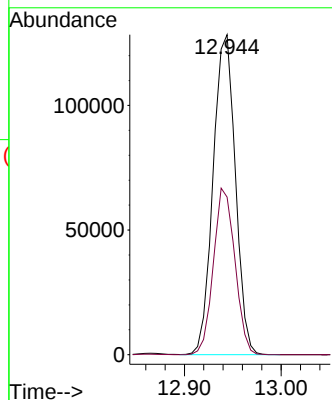
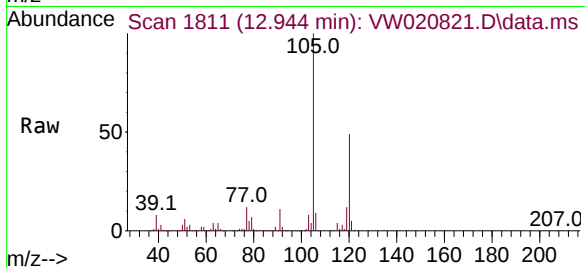
VSTD025487

Tgt Ion:105 Resp: 205284

Ion Ratio Lower Upper

105 100

120 50.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.817 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020821.D

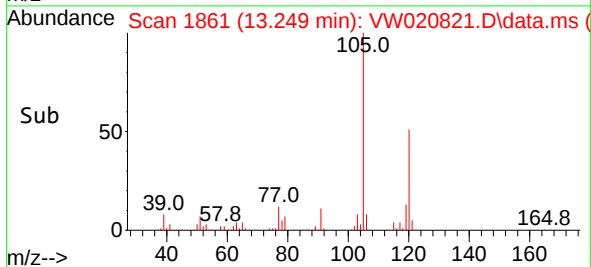
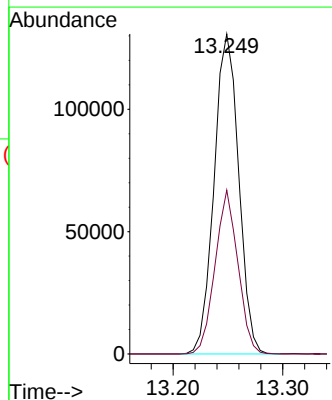
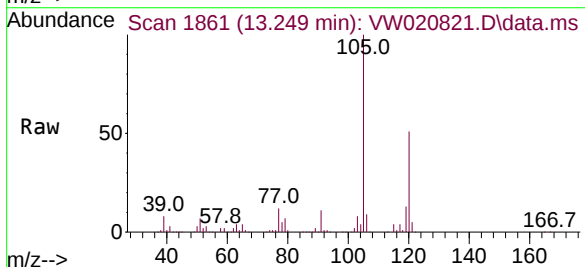
Acq: 09 Nov 2021 08:38

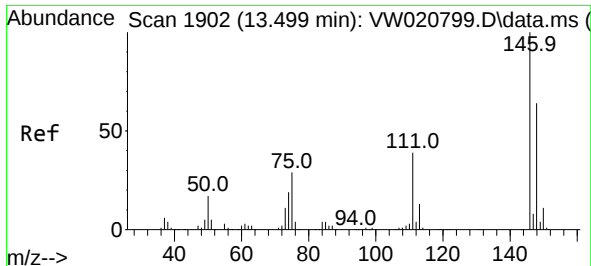
Tgt Ion:105 Resp: 204073

Ion Ratio Lower Upper

105 100

120 47.5 35.0 52.6

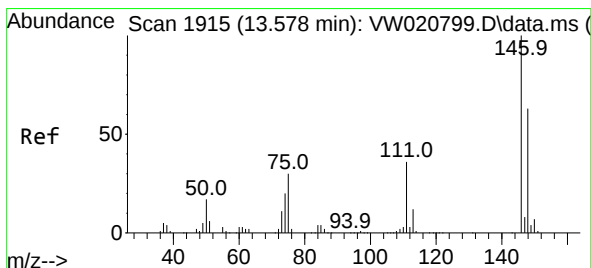
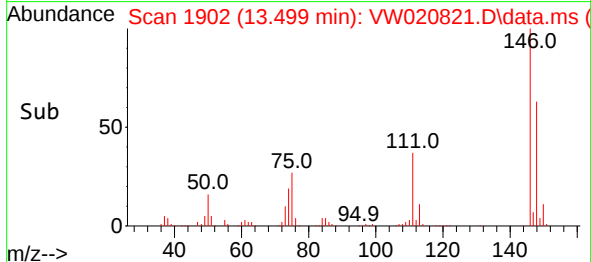
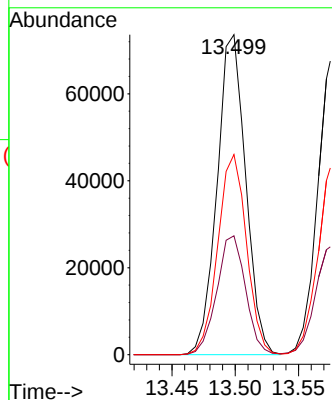
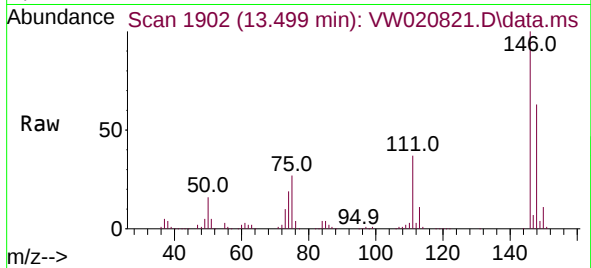




#64
1,3-Dichlorobenzene
Concen: 23.830 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

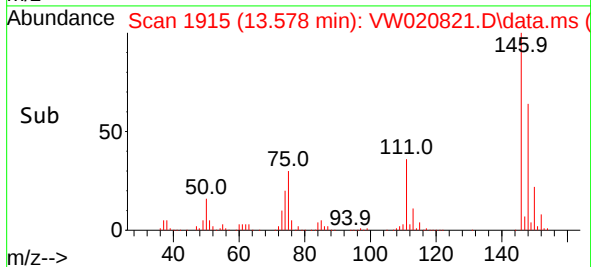
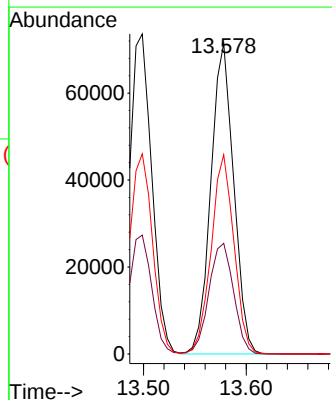
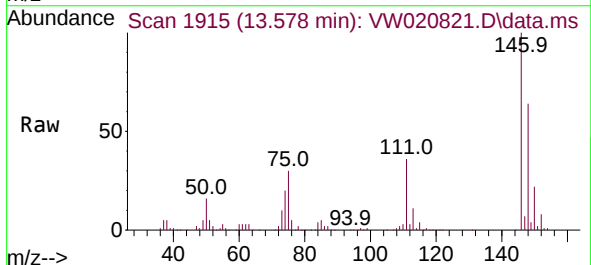
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

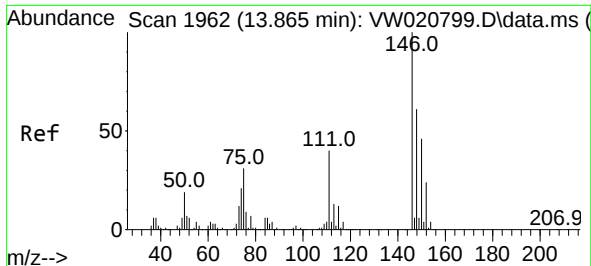
Tgt Ion:146 Resp: 115764
Ion Ratio Lower Upper
146 100
111 37.1 29.8 55.3
148 62.6 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.833 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion:146 Resp: 110494
Ion Ratio Lower Upper
146 100
111 35.6 29.0 53.9
148 64.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.978 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.007 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

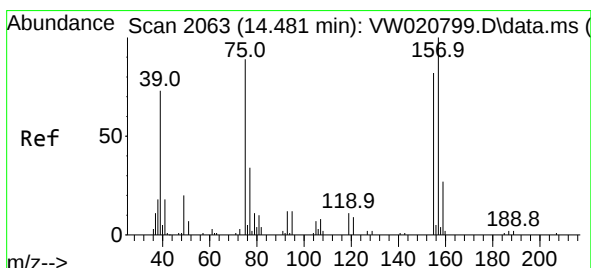
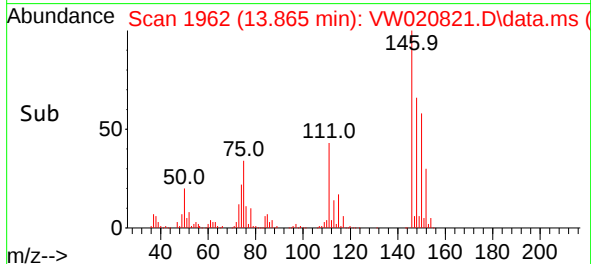
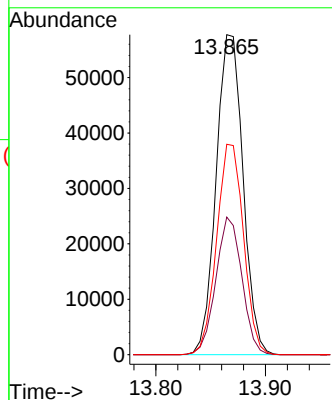
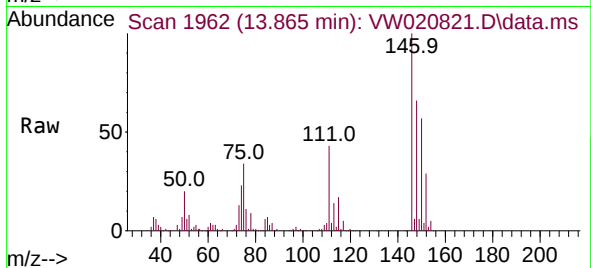
Tgt Ion:146 Resp: 98602

Ion Ratio Lower Upper

146 100

111 43.0 33.1 49.7

148 65.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.759 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

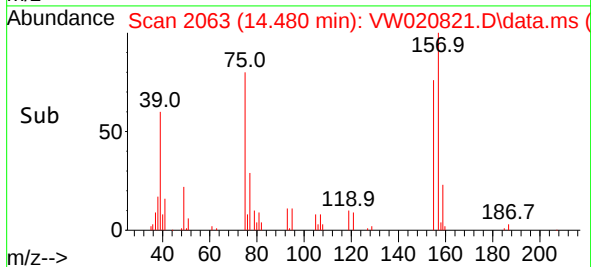
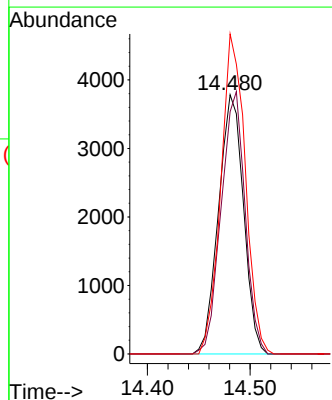
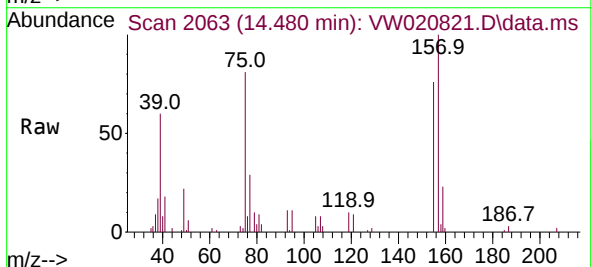
Tgt Ion: 75 Resp: 6375

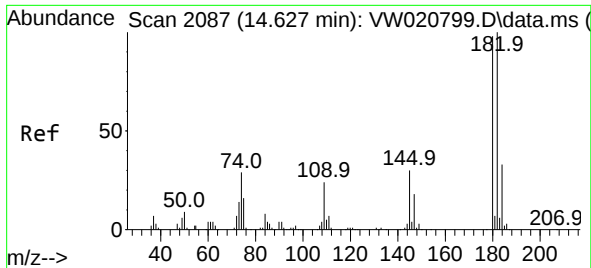
Ion Ratio Lower Upper

75 100

155 93.5 54.2 81.2#

157 123.4 69.4 104.2#

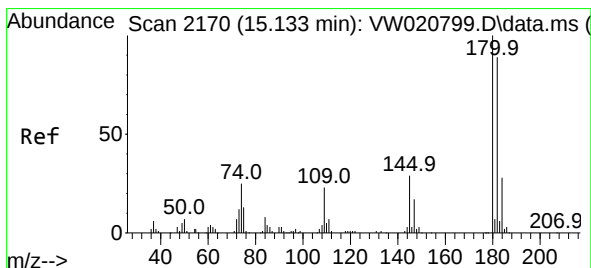
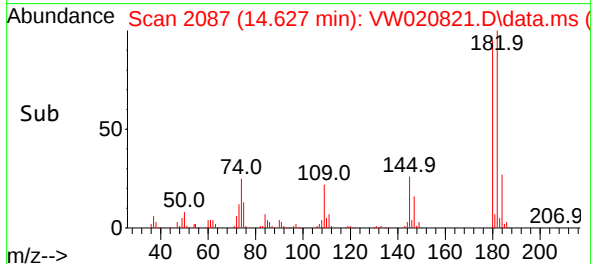
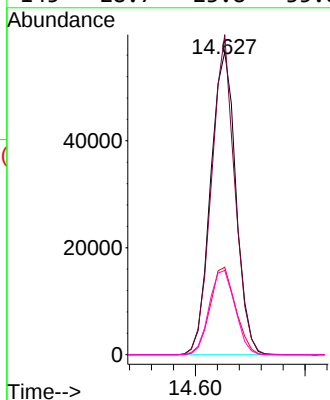
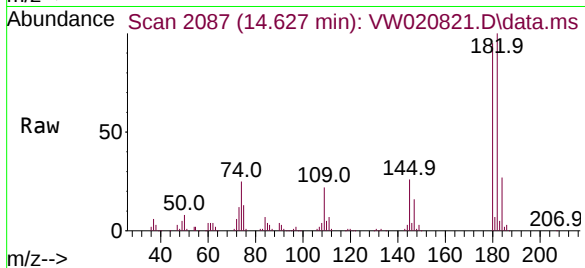




#69
1,3,5-Trichlorobenzene
Concen: 23.439 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

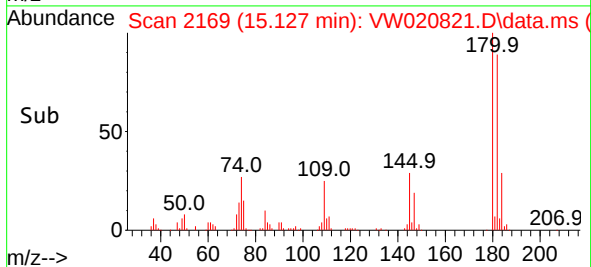
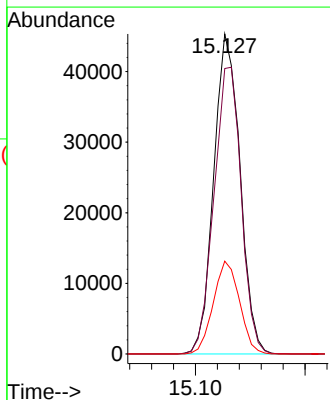
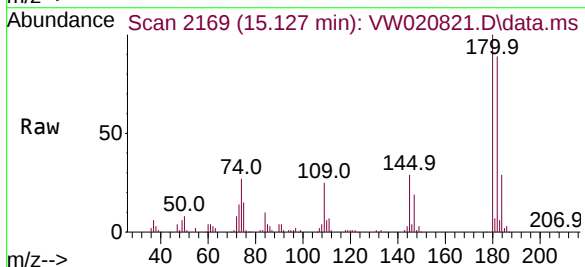
Instrument :
MSVOA_W
ClientSampleId :
VSTD025487

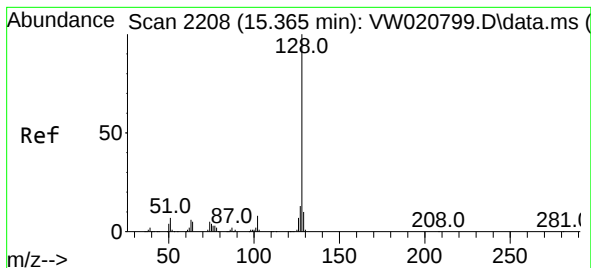
Tgt Ion:	180	Resp:	90380
Ion Ratio	Lower	Upper	
180	100		
182	97.2	75.4	113.0
184	29.1	23.8	35.8
145	28.7	23.8	35.8



#70
1,2,4-trichlorobenzene
Concen: 23.496 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW020821.D
Acq: 09 Nov 2021 08:38

Tgt Ion:	180	Resp:	75527
Ion Ratio	Lower	Upper	
180	100		
182	92.7	79.0	118.6
145	28.9	26.0	39.0





#71

Naphthalene

Concen: 22.324 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.007 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025487

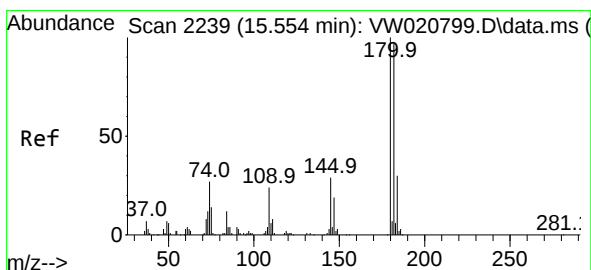
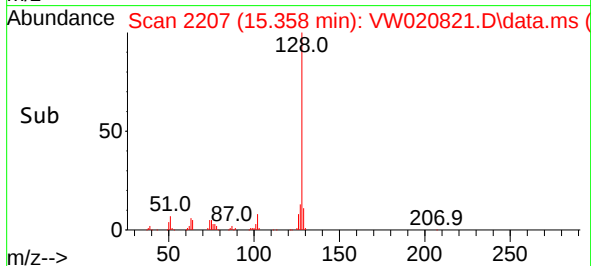
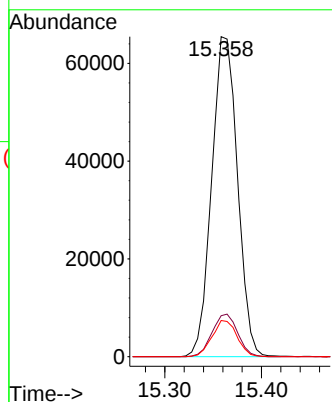
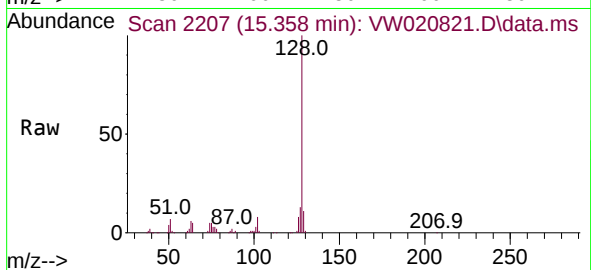
Tgt Ion:128 Resp: 121293

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.939 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW020821.D

Acq: 09 Nov 2021 08:38

Tgt Ion:180 Resp: 59929

Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

145 32.9 27.4 41.0

