

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011222\
 Data File : VW021875.D
 Acq On : 12 Jan 2022 18:54
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Jan 12 23:53:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	150213	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	147543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	87716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	73546	26.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.360%	
7) Chloroethane-d5	2.879	69	55022	21.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 87.280%	
11) 1,1-Dichloroethene-d2	4.019	63	107377	24.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.440%	
21) 2-Butanone-d5	7.086	46	23902	60.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.300%	
24) Chloroform-d	7.647	84	127209	26.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.840%	
26) 1,2-Dichloroethane-d4	8.305	65	61666	26.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.240%	
32) Benzene-d6	8.275	84	251689	26.290	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.160%	
36) 1,2-Dichloropropane-d6	9.274	67	66641	26.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.640%	
41) Toluene-d8	10.323	98	257241	26.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.600%	
43) trans-1,3-Dichloroprop...	10.579	79	29202	27.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.040%	
47) 2-Hexanone-d5	10.921	63	22455	65.581	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 131.160%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	54967	27.857	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.440%	
66) 1,2-Dichlorobenzene-d4	13.847	152	97117	26.926	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	20143	34.015	ug/L	94
3) Chloromethane	2.209	50	49887	23.235	ug/L	98
5) Vinyl chloride	2.355	62	69871	22.653	ug/L	97
6) Bromomethane	2.776	94	51827	23.764	ug/L	96
8) Chloroethane	2.916	64	36502	19.582	ug/L	97
9) Trichlorofluoromethane	3.257	101	44637	19.475	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	58920	23.616	ug/L	# 78
12) 1,1-Dichloroethene	4.038	96	53037	23.655	ug/L	81
13) Acetone	4.147	43	14469	44.442	ug/L	89
14) Carbon disulfide	4.379	76	131044	22.324	ug/L	100
15) Methyl Acetate	4.678	43	16737	25.435	ug/L	# 85
16) Methylene chloride	4.909	84	52835	20.552	ug/L	80
17) trans-1,2-Dichloroethene	5.421	96	56936	23.500	ug/L	79
18) Methyl tert-butyl Ether	5.421	73	78156	25.297	ug/L	# 90
19) 1,1-Dichloroethane	6.214	63	87958	24.755	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	62475	25.067	ug/L	68
22) 2-Butanone	7.183	43	22069	53.031	ug/L	79
23) Bromochloromethane	7.513	128	30197	24.350	ug/L	# 60
25) Chloroform	7.677	83	100192	23.833	ug/L	98

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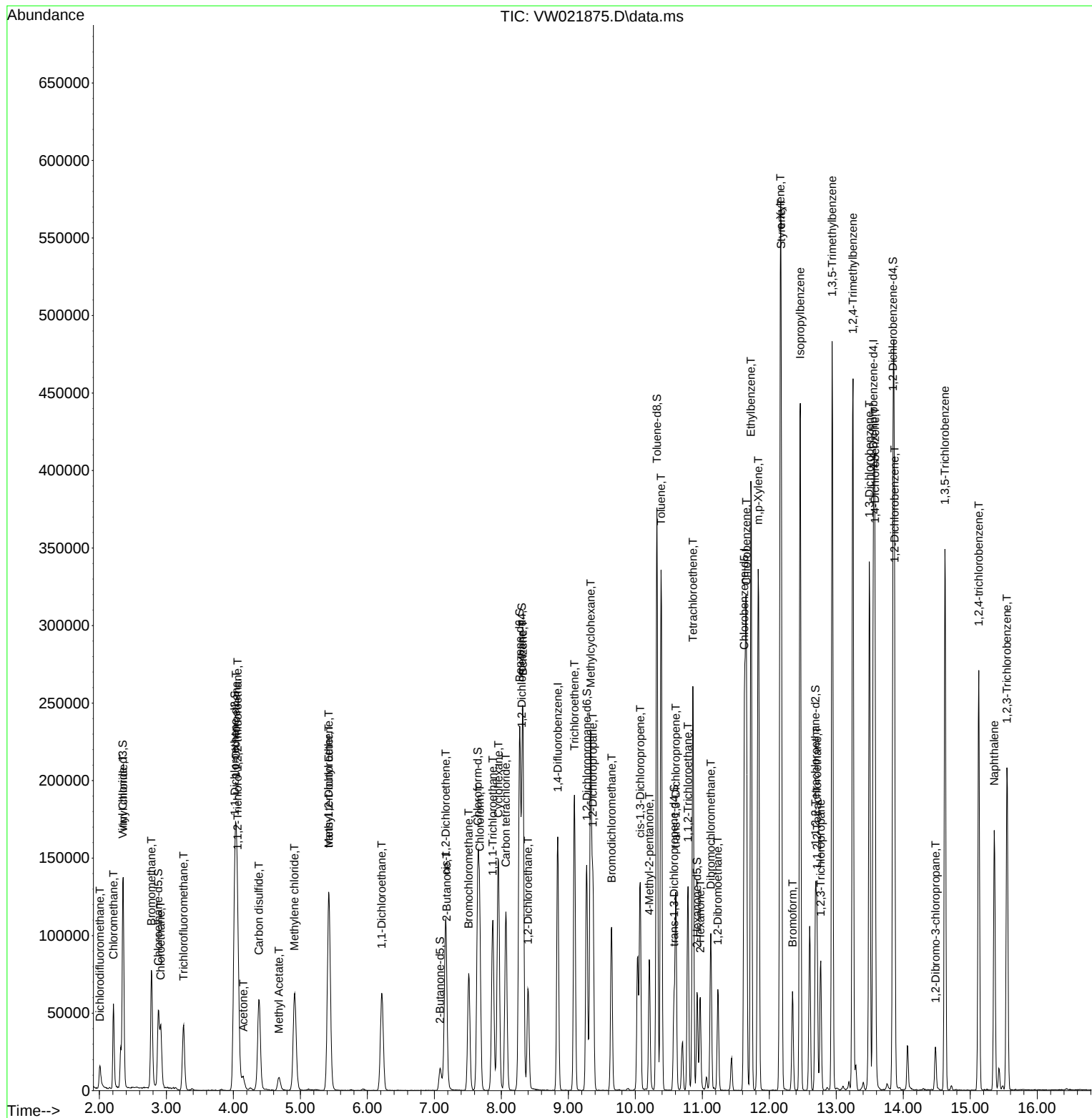
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	59114	24.282	ug/L #	92
29) Cyclohexane	7.958	56	81108	24.573	ug/L #	77
30) 1,1,1-Trichloroethane	7.872	97	91530	23.933	ug/L #	92
31) Carbon tetrachloride	8.067	117	87424	23.590	ug/L	96
33) Benzene	8.323	78	213867	23.639	ug/L	100
34) Trichloroethene	9.092	95	63221	24.086	ug/L	85
35) Methylcyclohexane	9.335	83	102609	23.772	ug/L #	82
37) 1,2-Dichloropropane	9.366	63	48898	24.809	ug/L #	95
38) Bromodichloromethane	9.646	83	68334	24.836	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	79327	25.902	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	49286	53.233	ug/L #	85
42) Toluene	10.384	91	251743	24.810	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	68499	26.723	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	41933	25.059	ug/L	91
46) Tetrachloroethene	10.860	164	59889	23.074	ug/L	96
48) 2-Hexanone	10.969	43	36624	57.814	ug/L #	89
49) Dibromochloromethane	11.128	129	53553	25.399	ug/L	94
50) 1,2-Dibromoethane	11.231	107	40930	24.641	ug/L #	90
51) Chlorobenzene	11.658	112	177442	24.767	ug/L #	88
52) Ethylbenzene	11.725	91	281537	24.977	ug/L	92
53) m,p-Xylene	11.835	106	118766	25.197	ug/L	84
54) o-Xylene	12.164	106	110029	25.145	ug/L	93
55) Styrene	12.176	104	185862	25.728	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	45604	25.329	ug/L #	90
59) Bromoform	12.347	173	30010	25.094	ug/L	98
60) Isopropylbenzene	12.463	105	303481	25.407	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	33199	26.484	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	263291	26.618	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	259026	26.552	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	149966	24.971	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	145951	24.614	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	130240	24.769	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6545	27.037	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	112592	25.225	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	89959	25.293	ug/L	95
71) Naphthalene	15.359	128	151979	27.701	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	74703	25.435	ug/L	99

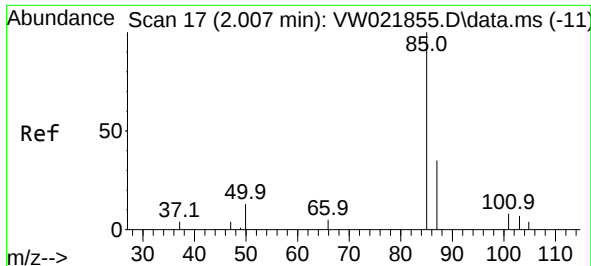
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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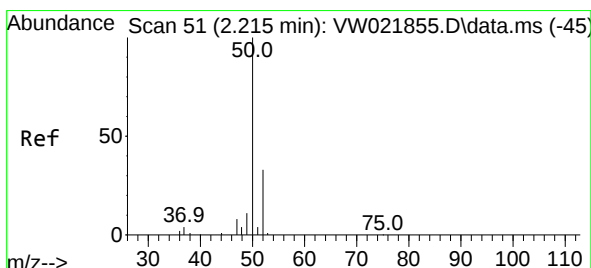
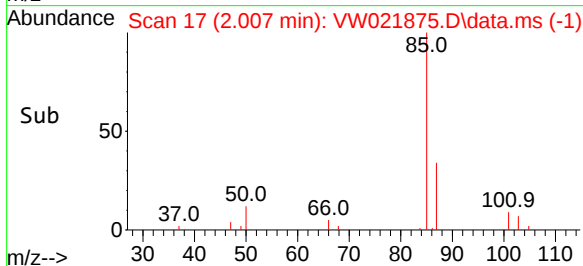
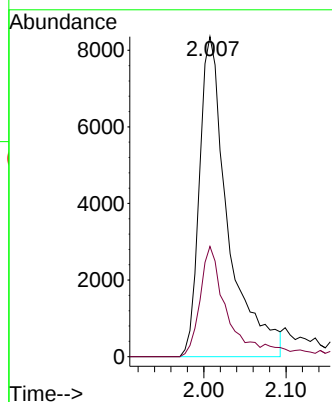
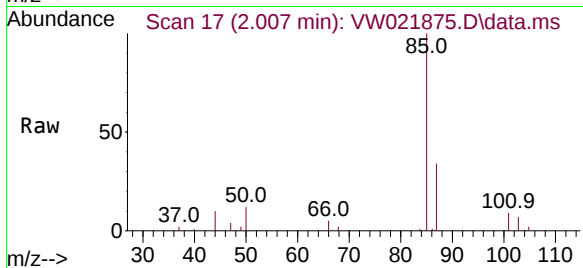




#2
 Dichlorodifluoromethane
 Concen: 34.015 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021875.D
 Acq: 12 Jan 2022 18:54

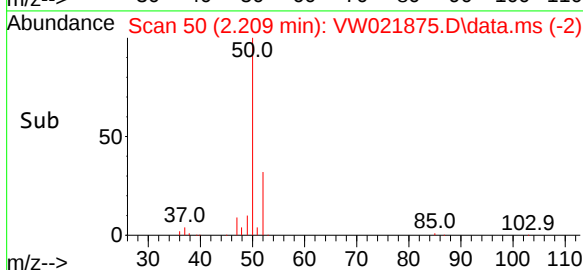
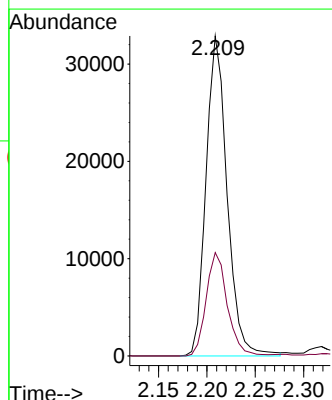
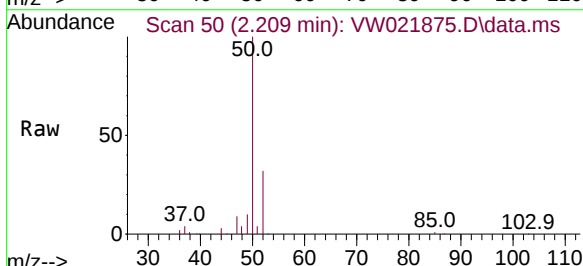
Instrument :
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 ClientSampleId :
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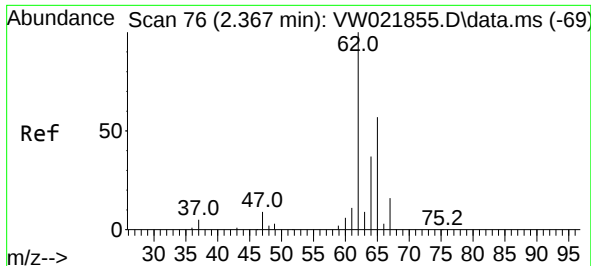
Tgt Ion: 85 Resp: 20143
 Ion Ratio Lower Upper
 85 100
 87 28.8 25.8 38.6



#3
 Chloromethane
 Concen: 23.235 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021875.D
 Acq: 12 Jan 2022 18:54

Tgt Ion: 50 Resp: 49887
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.6

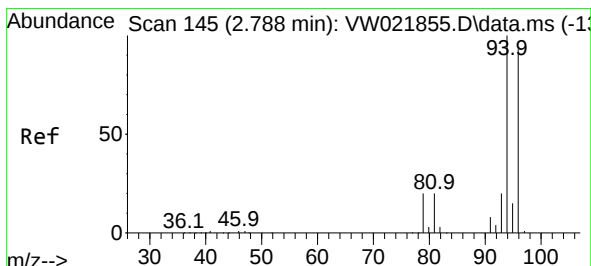
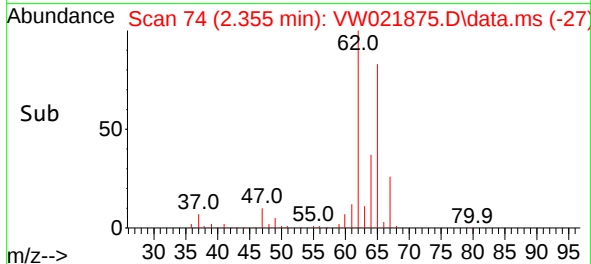
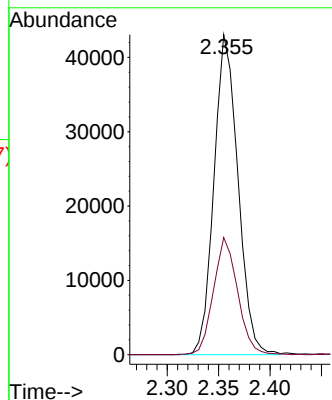
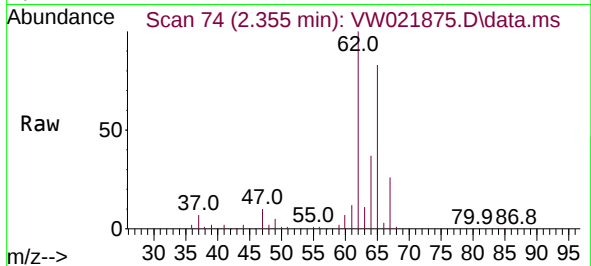




#5
 Vinyl chloride
 Concen: 22.653 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW021875.D
 Acq: 12 Jan 2022 18:54

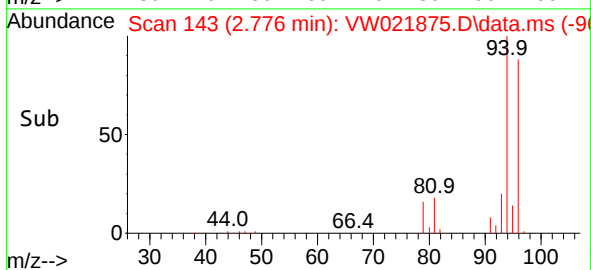
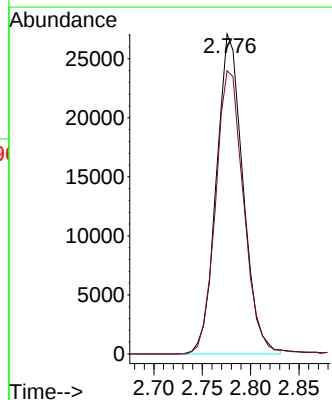
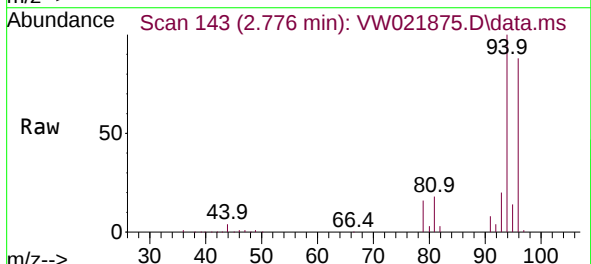
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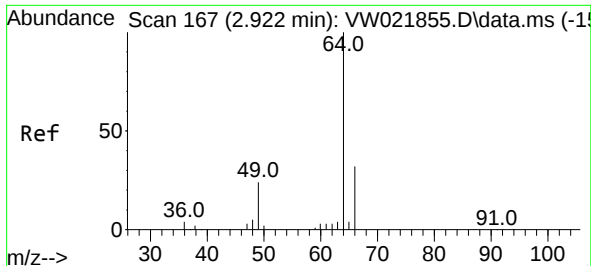
Tgt Ion: 62 Resp: 69871
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.4 45.2



#6
 Bromomethane
 Concen: 23.764 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW021875.D
 Acq: 12 Jan 2022 18:54

Tgt Ion: 94 Resp: 51827
 Ion Ratio Lower Upper
 94 100
 96 88.5 64.8 120.4

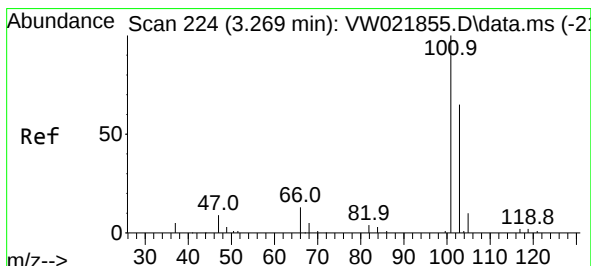
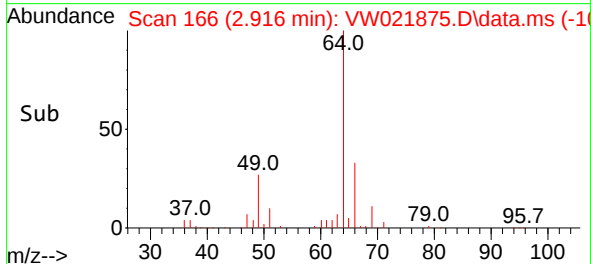
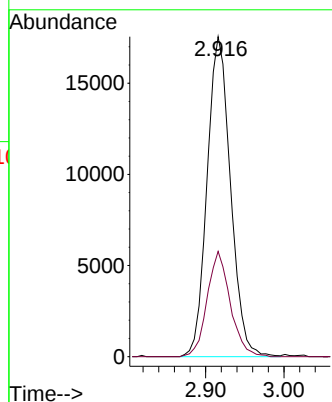
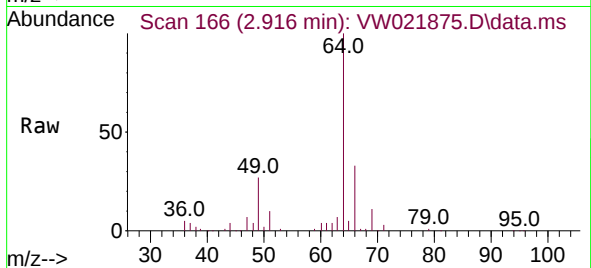




#8
Chloroethane
Concen: 19.582 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

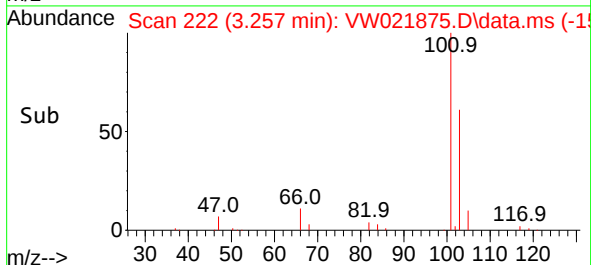
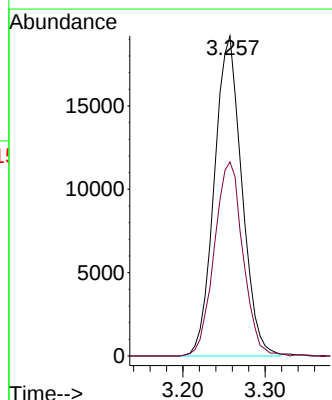
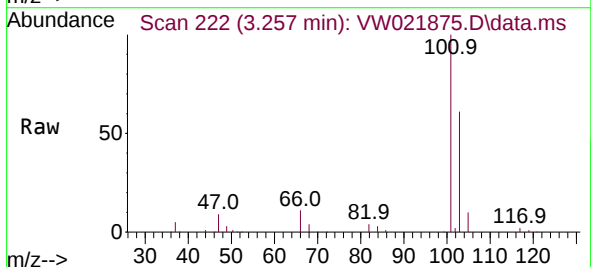
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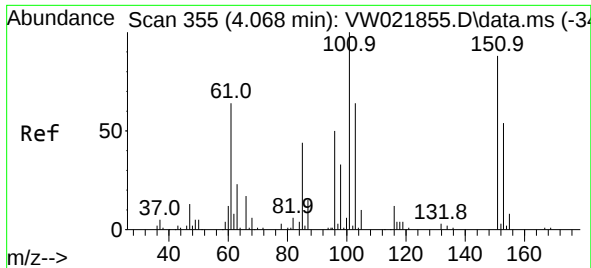
Tgt Ion: 64 Resp: 36502
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.475 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion: 101 Resp: 44637
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2

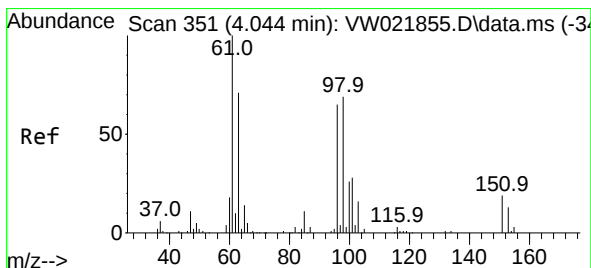
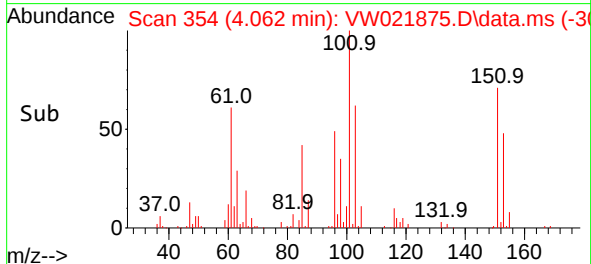
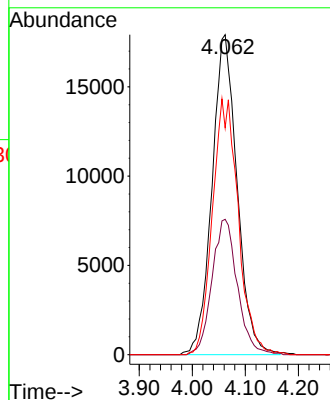
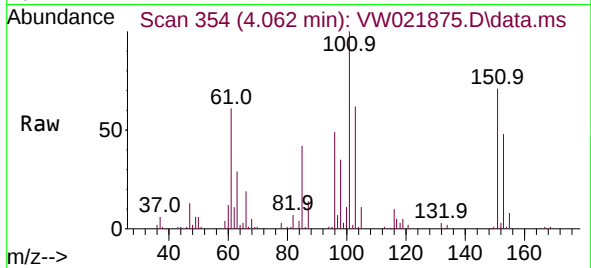




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.616 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021875.D
 Acq: 12 Jan 2022 18:54

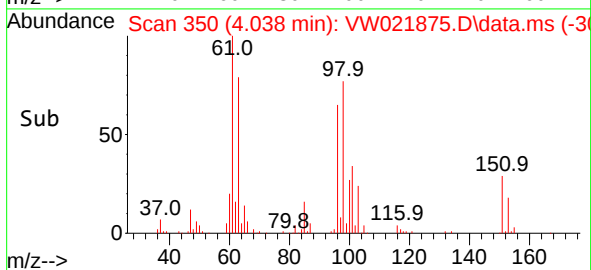
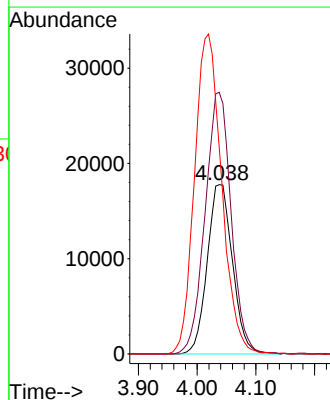
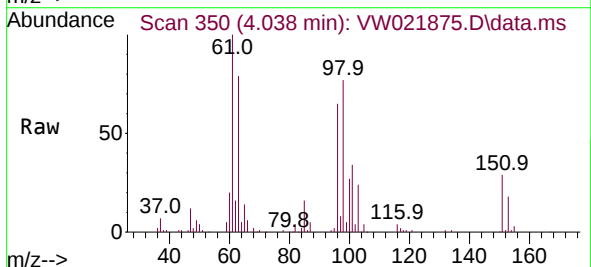
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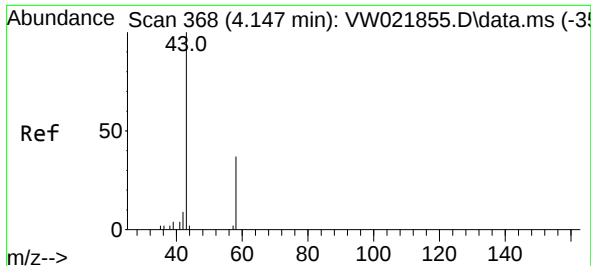
Tgt Ion:101 Resp: 58920
 Ion Ratio Lower Upper
 101 100
 85 42.6 36.6 54.8
 151 43.6 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 23.655 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021875.D
 Acq: 12 Jan 2022 18:54

Tgt Ion: 96 Resp: 53037
 Ion Ratio Lower Upper
 96 100
 61 154.6 138.3 256.9
 63 121.9 82.6 153.4





#13

Acetone

Concen: 44.442 ug/L

RT: 4.147 min Scan# 368

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

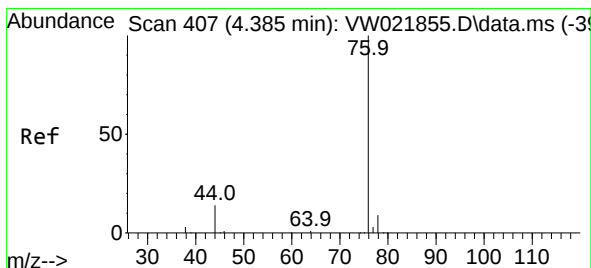
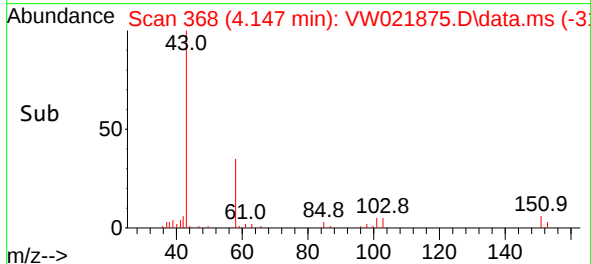
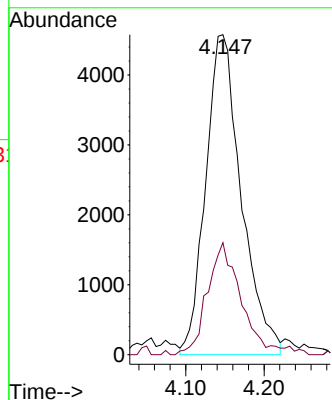
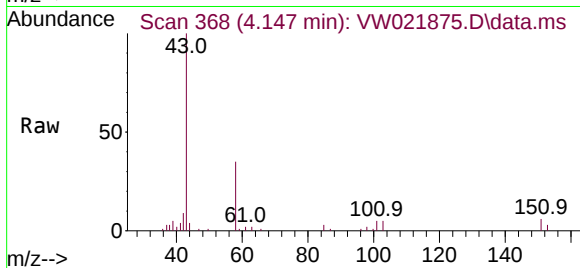
VSTD025533

Tgt Ion: 43 Resp: 14469

Ion Ratio Lower Upper

43 100

58 31.8 0.0 52.8



#14

Carbon disulfide

Concen: 22.324 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

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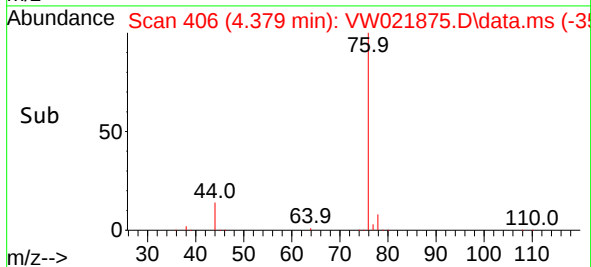
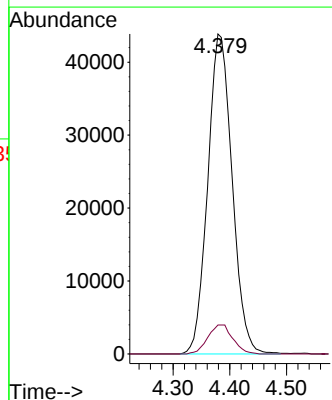
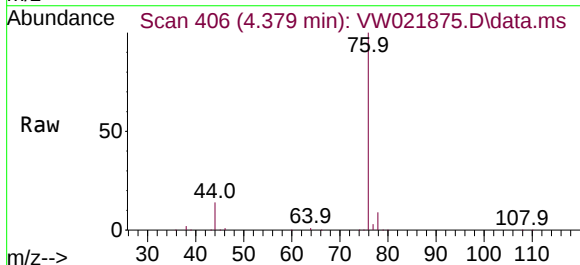
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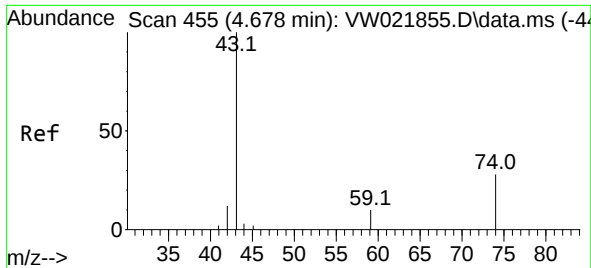
Tgt Ion: 76 Resp: 131044

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

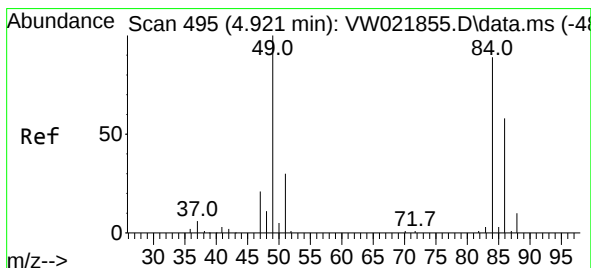
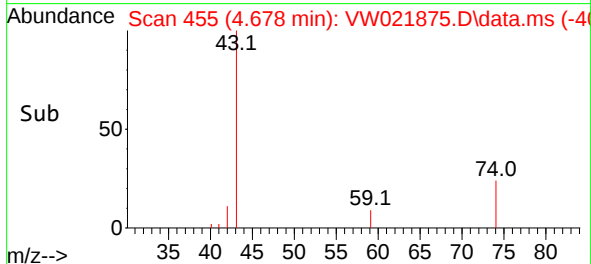
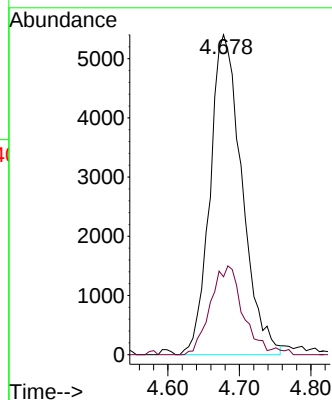
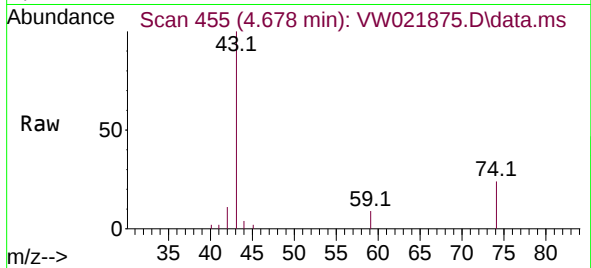




#15
Methyl Acetate
Concen: 25.435 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

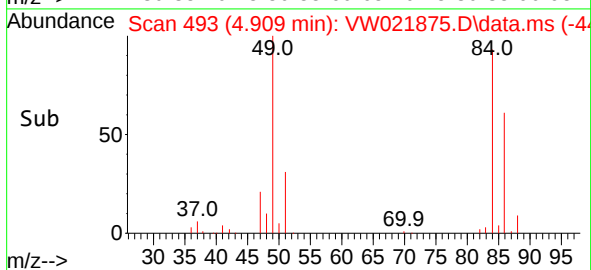
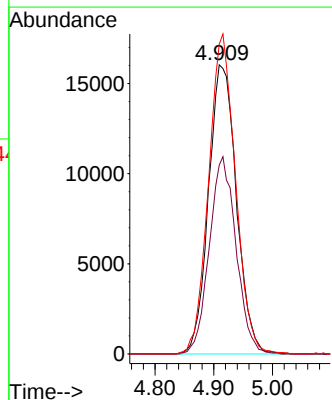
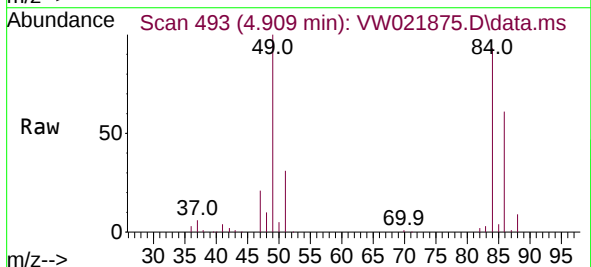
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

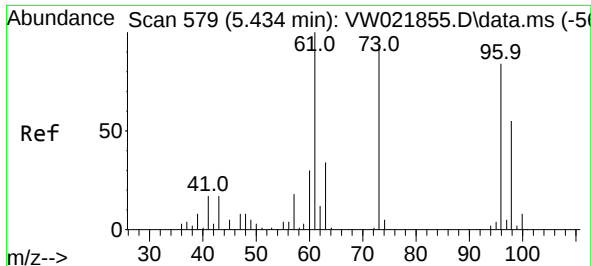
Tgt Ion: 43 Resp: 16737
Ion Ratio Lower Upper
43 100
74 27.2 16.4 24.6#



#16
Methylene chloride
Concen: 20.552 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion: 84 Resp: 52835
Ion Ratio Lower Upper
84 100
86 65.3 45.5 84.5
49 107.2 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.500 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.012 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

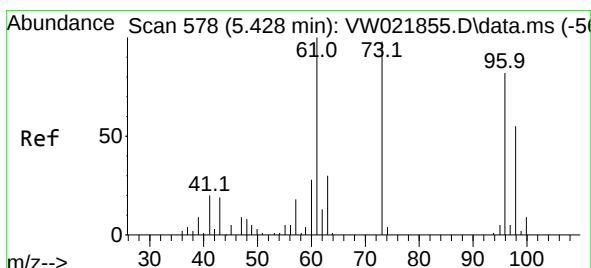
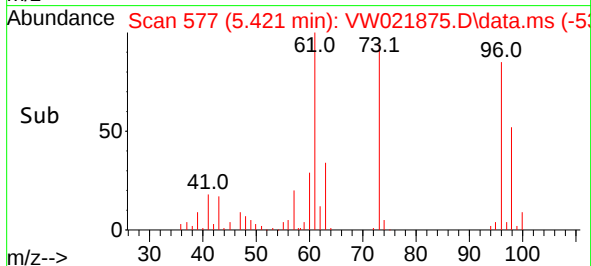
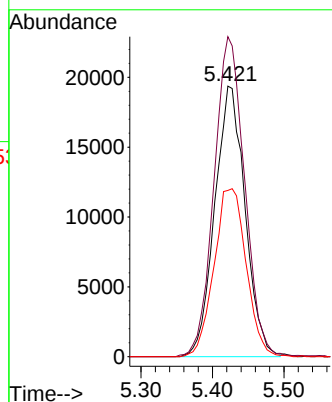
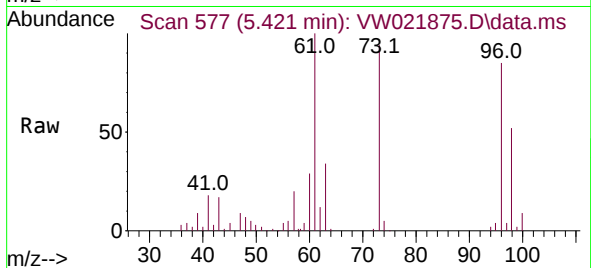
Tgt Ion: 96 Resp: 56936

Ion Ratio Lower Upper

96 100

61 118.2 107.4 199.4

98 61.4 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 25.297 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

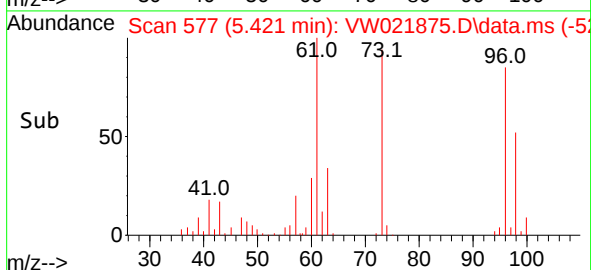
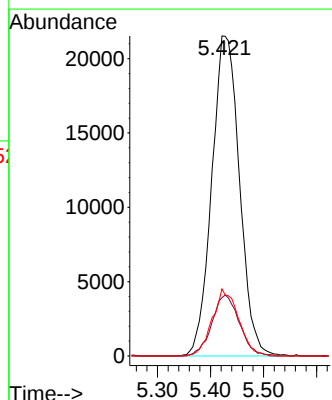
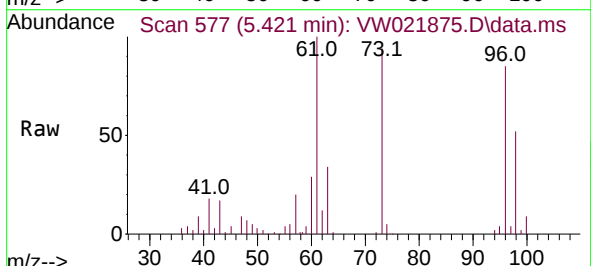
Tgt Ion: 73 Resp: 78156

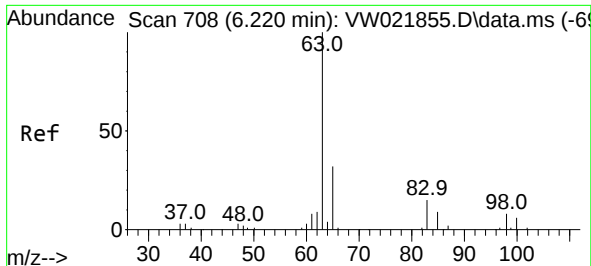
Ion Ratio Lower Upper

73 100

43 18.8 19.5 29.3#

57 19.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.755 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

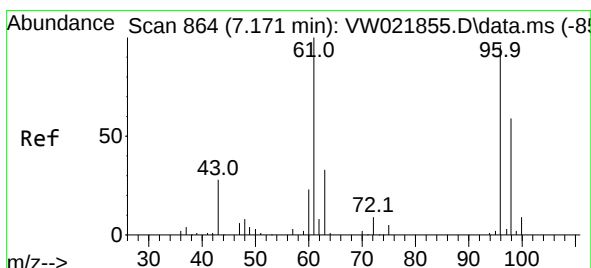
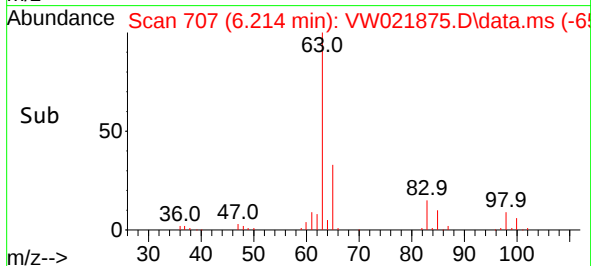
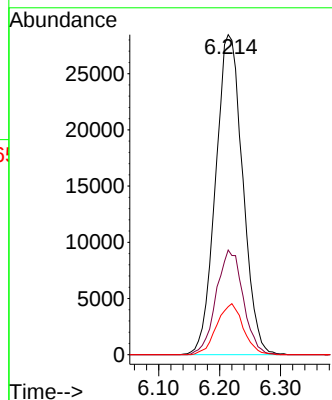
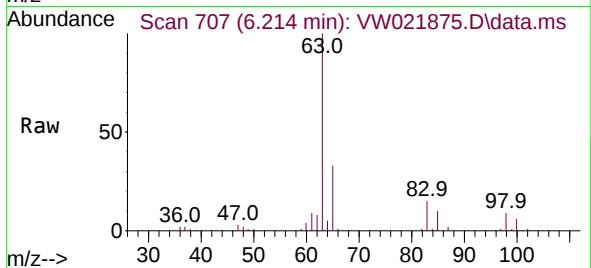
Tgt Ion: 63 Resp: 87958

Ion Ratio Lower Upper

63 100

65 32.7 22.1 41.1

83 15.0 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.067 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

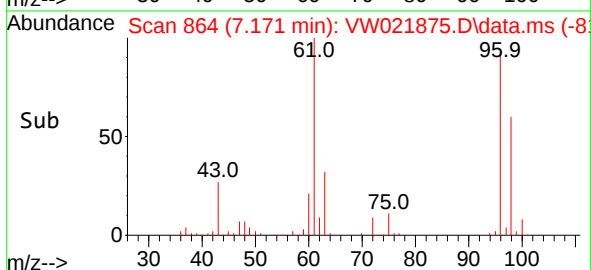
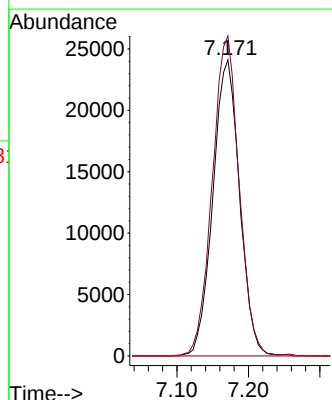
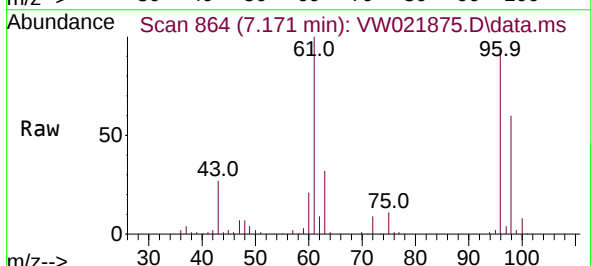
Tgt Ion: 96 Resp: 62475

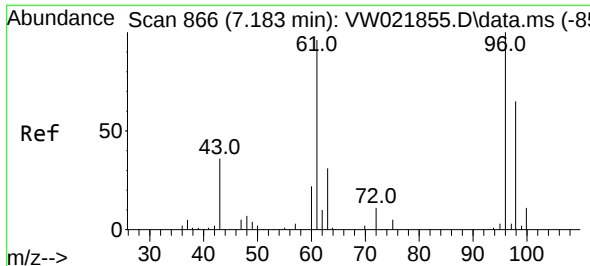
Ion Ratio Lower Upper

96 100

61 108.1 103.7 192.7

68 0.0 0.0 0.0

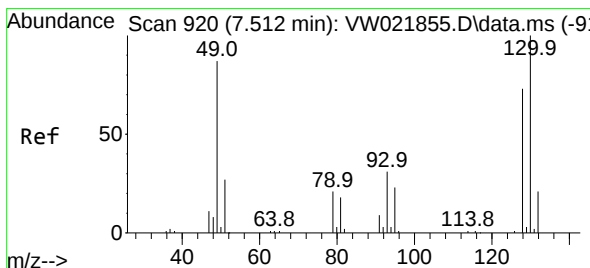
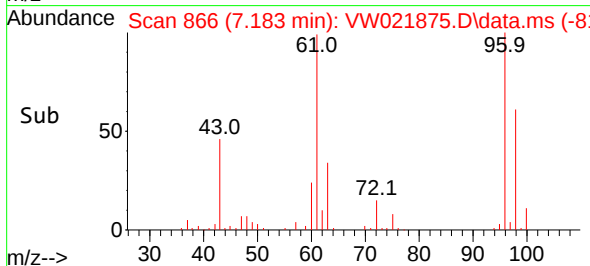
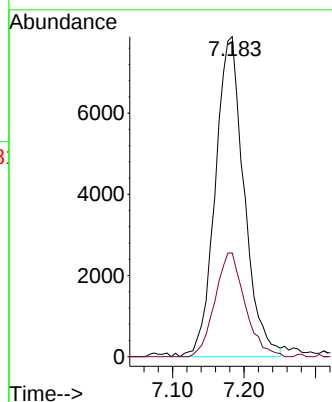
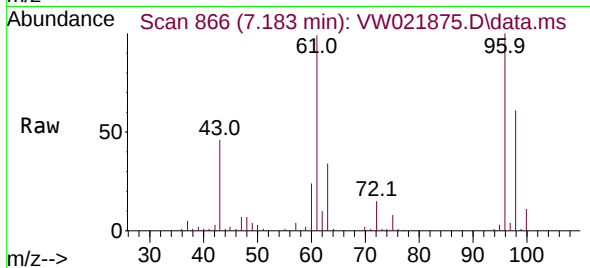




#22
2-Butanone
Concen: 53.031 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

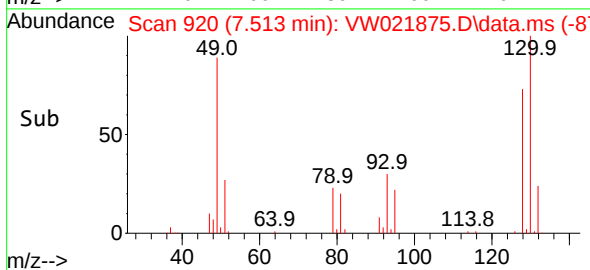
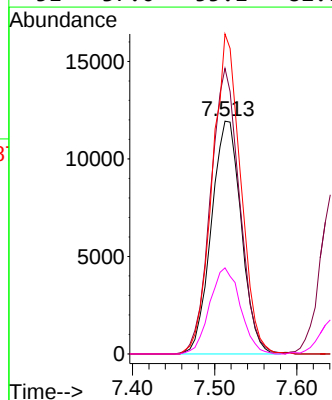
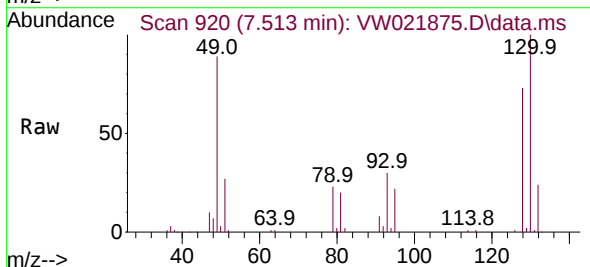
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

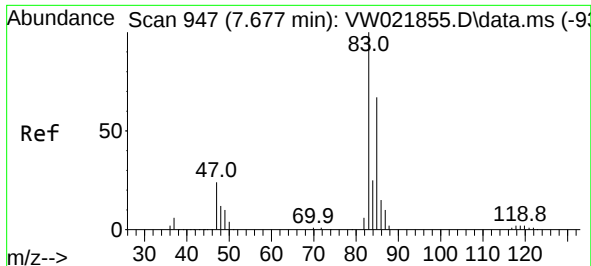
Tgt Ion: 43 Resp: 22069
Ion Ratio Lower Upper
43 100
72 33.8 11.8 35.4



#23
Bromochloromethane
Concen: 24.350 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion: 128 Resp: 30197
Ion Ratio Lower Upper
128 100
49 122.7 150.3 279.1#
130 137.4 88.3 163.9
51 37.0 55.1 82.7#

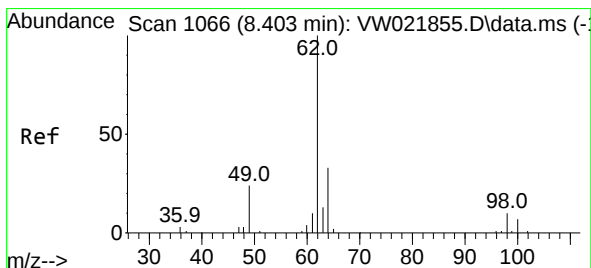
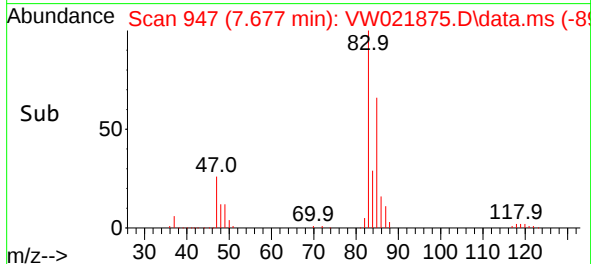
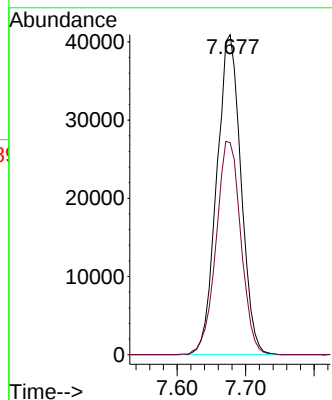
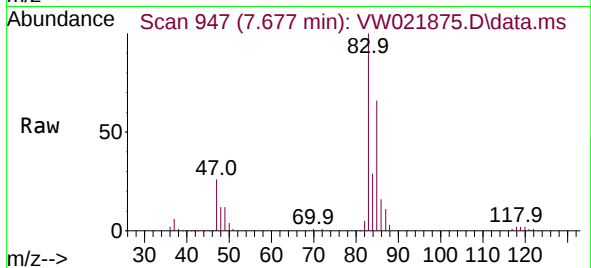




#25
Chloroform
Concen: 23.833 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

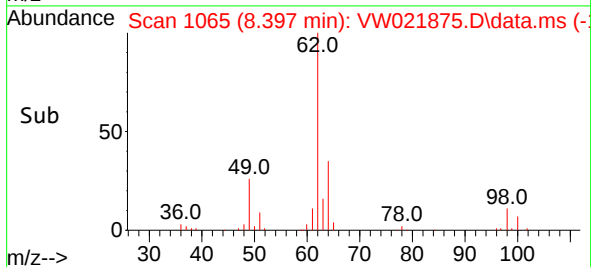
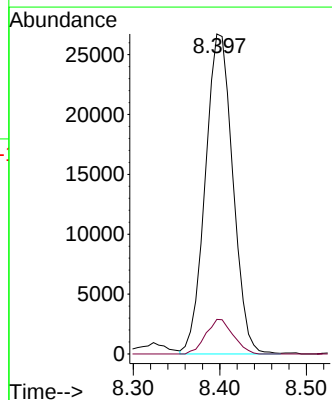
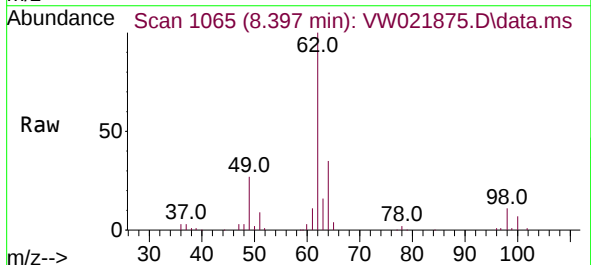
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

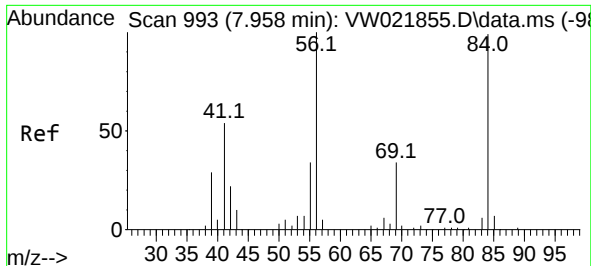
Tgt Ion: 83 Resp: 100192
Ion Ratio Lower Upper
83 100
85 66.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.282 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion: 62 Resp: 59114
Ion Ratio Lower Upper
62 100
98 10.8 6.5 9.7#

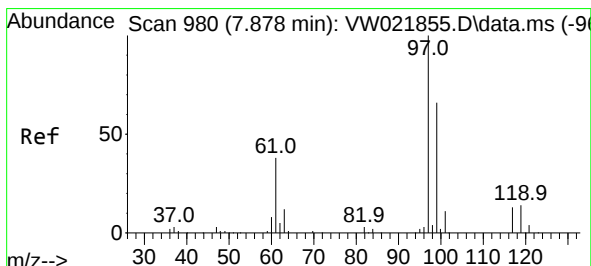
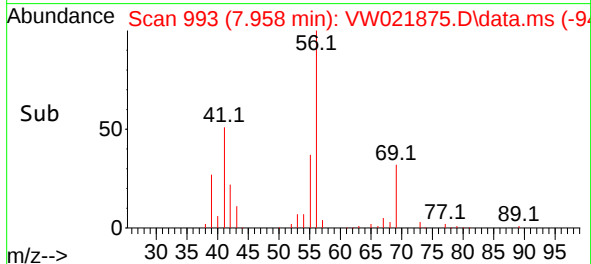
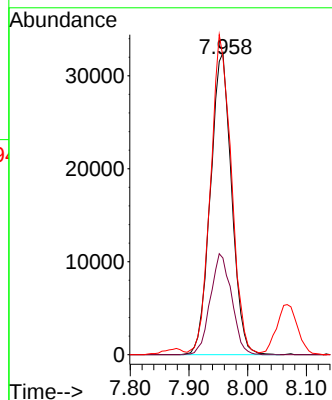
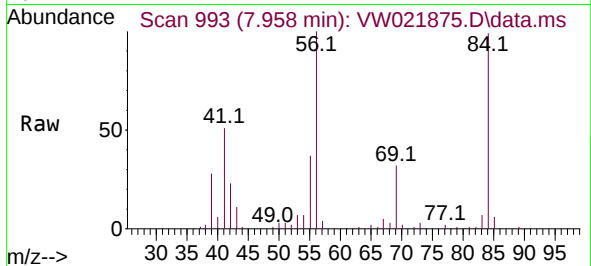




#29
Cyclohexane
Concen: 24.573 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

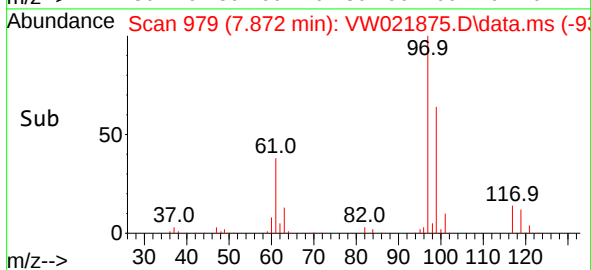
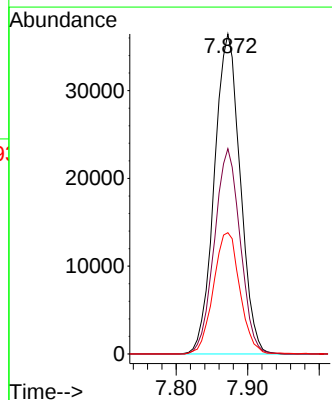
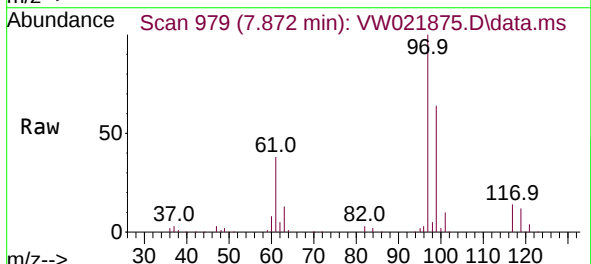
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

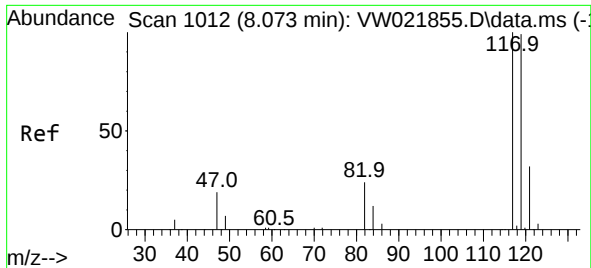
Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.6	23.5	35.3
84	104.6	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 23.933 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	38.7	40.9	61.3

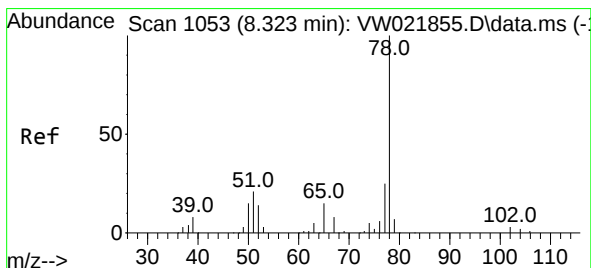
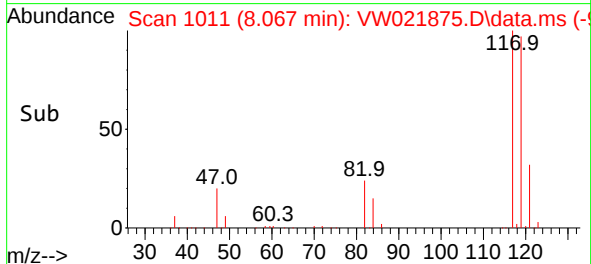
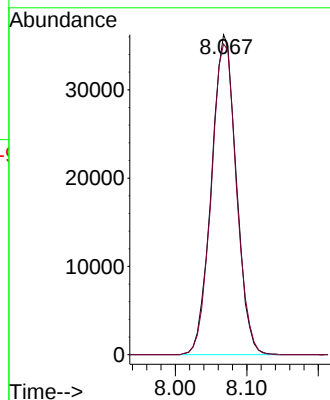
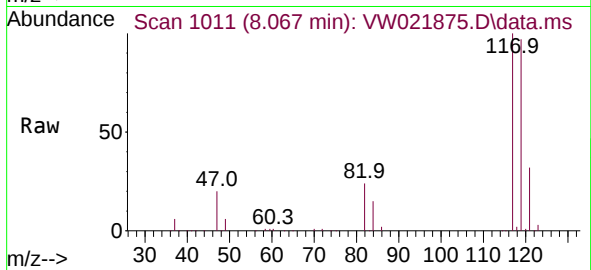




#31
Carbon tetrachloride
Concen: 23.590 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

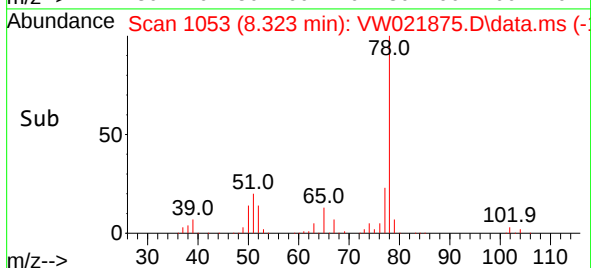
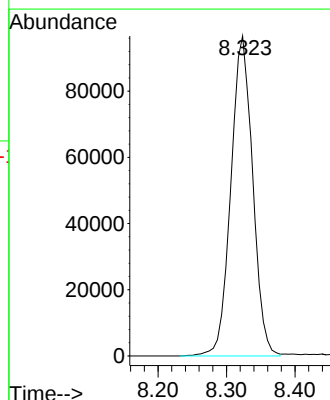
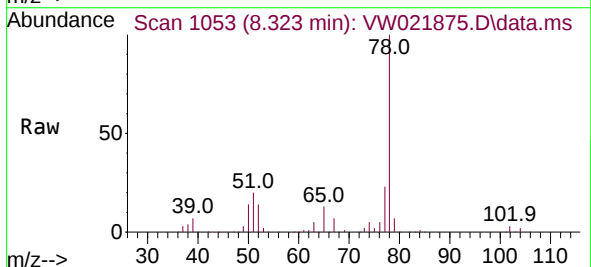
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

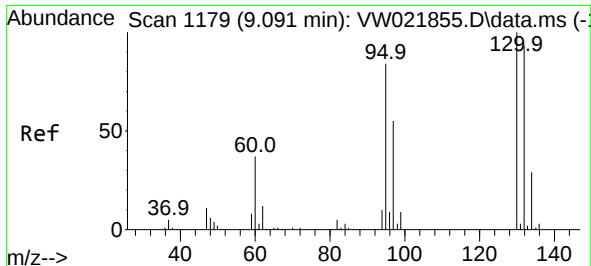
Tgt Ion:117 Resp: 87424
Ion Ratio Lower Upper
117 100
119 98.2 75.7 113.5



#33
Benzene
Concen: 23.639 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion: 78 Resp: 213867

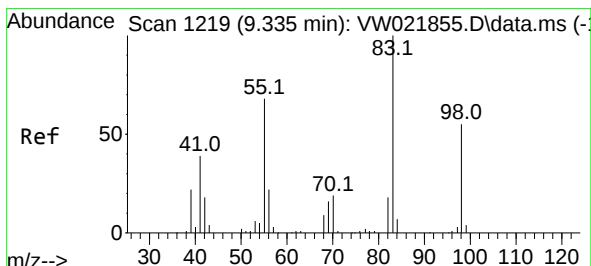
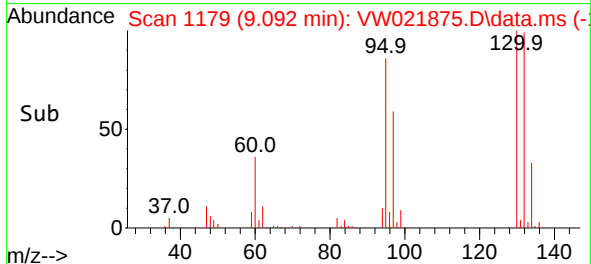
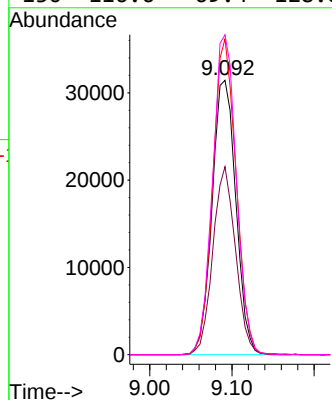
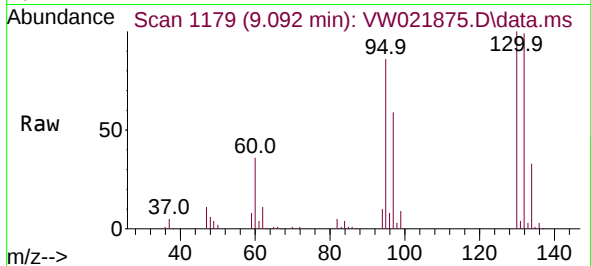




#34
Trichloroethene
Concen: 24.086 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

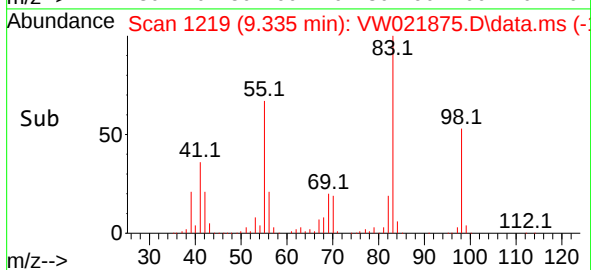
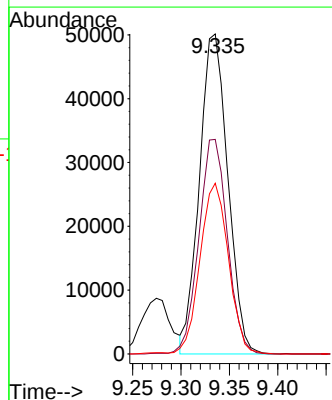
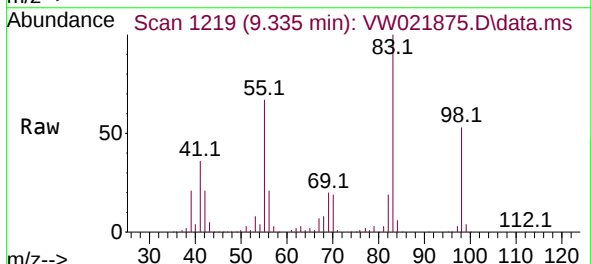
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

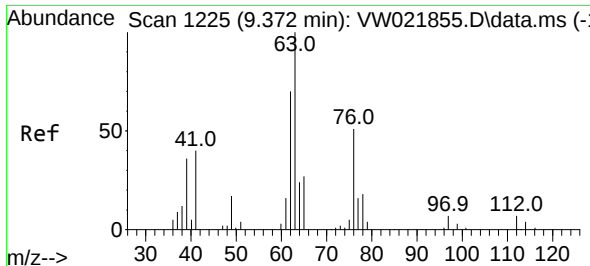
Tgt Ion: 95 Resp: 63221
Ion Ratio Lower Upper
95 100
97 68.5 47.0 87.2
132 115.1 65.5 121.6
130 116.6 69.4 128.8



#35
Methylcyclohexane
Concen: 23.772 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion: 83 Resp: 102609
Ion Ratio Lower Upper
83 100
55 67.1 70.8 106.2#
98 53.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.809 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

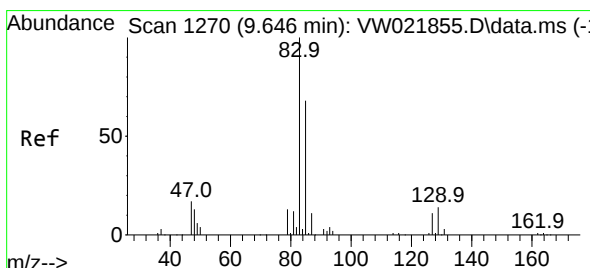
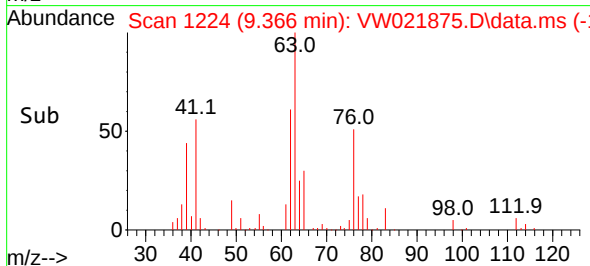
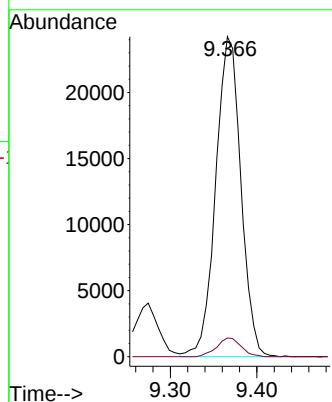
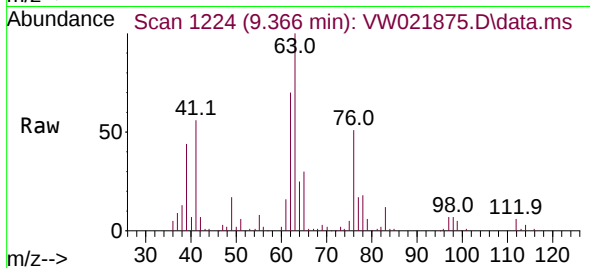
VSTD025533

Tgt Ion: 63 Resp: 48898

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.836 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

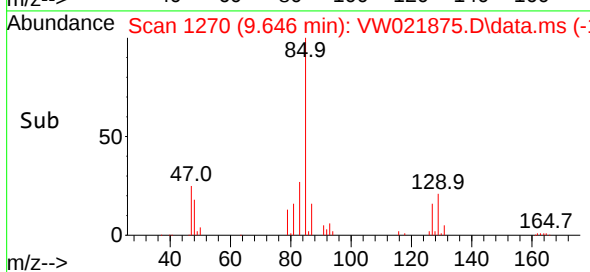
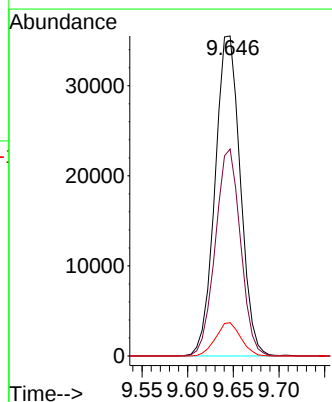
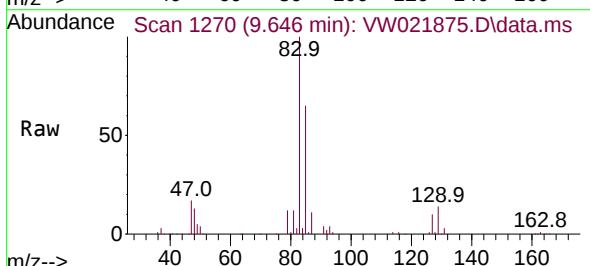
Tgt Ion: 83 Resp: 68334

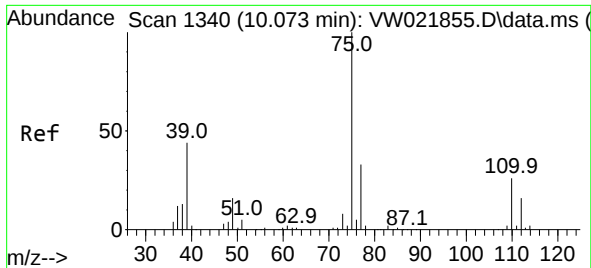
Ion Ratio Lower Upper

83 100

85 64.7 44.1 81.9

127 10.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.902 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

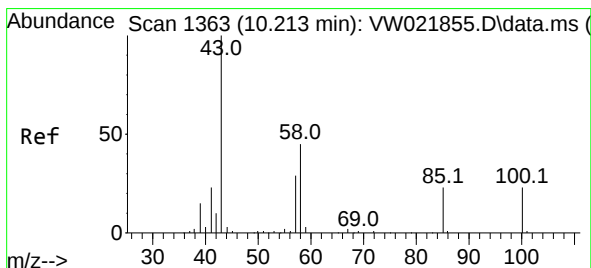
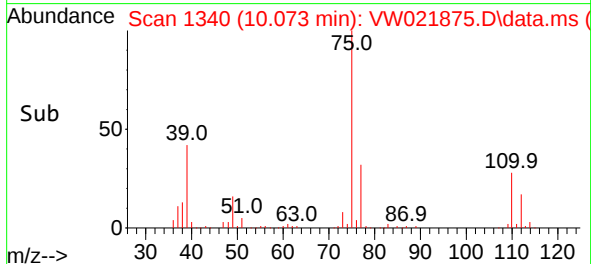
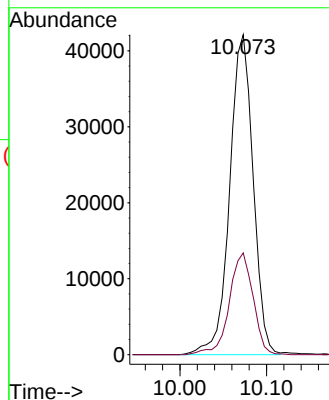
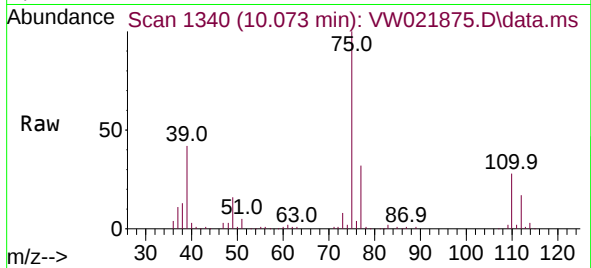
VSTD025533

Tgt Ion: 75 Resp: 79327

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.233 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

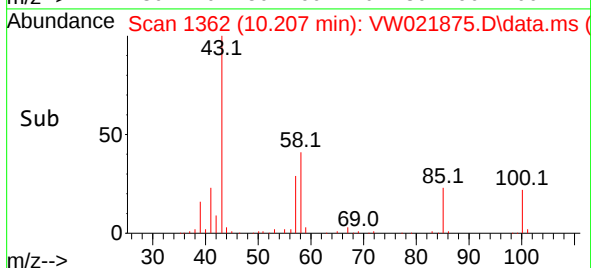
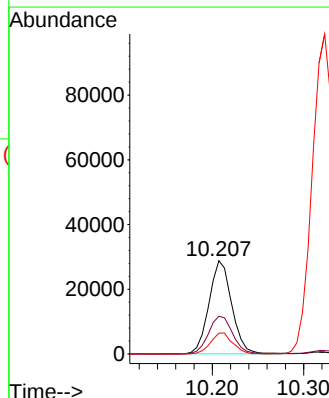
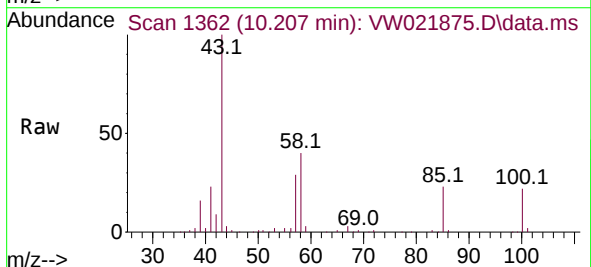
Tgt Ion: 43 Resp: 49286

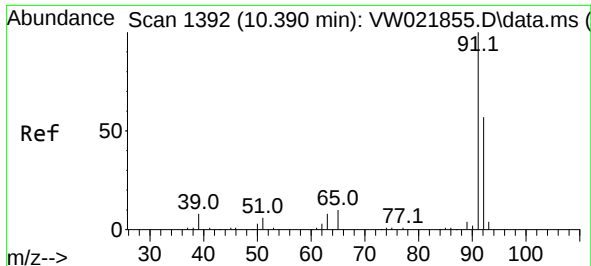
Ion Ratio Lower Upper

43 100

58 43.2 28.8 43.2#

100 22.2 10.0 15.0#





#42

Toluene

Concen: 24.810 ug/L

RT: 10.384 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

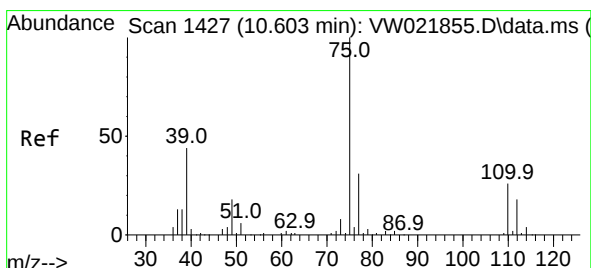
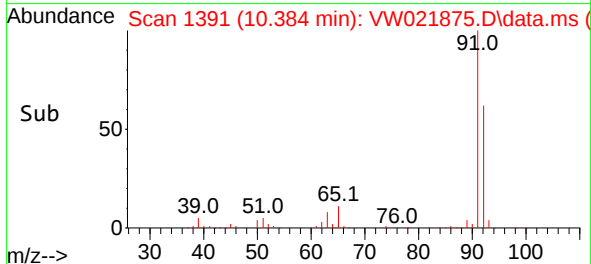
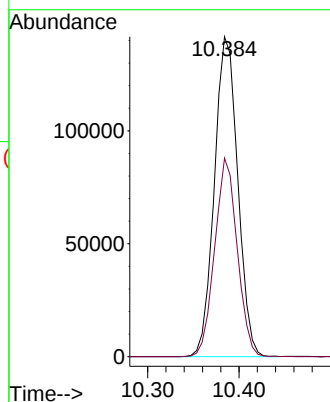
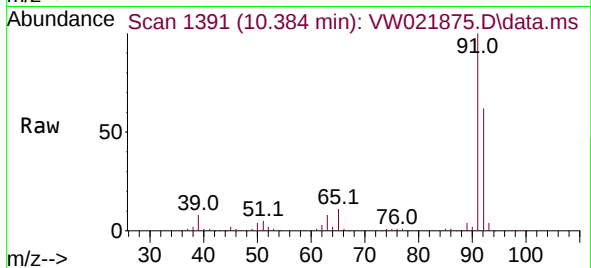
VSTD025533

Tgt Ion: 91 Resp: 251743

Ion Ratio Lower Upper

91 100

92 62.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 26.723 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021875.D

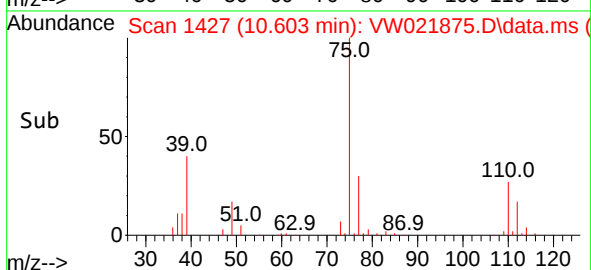
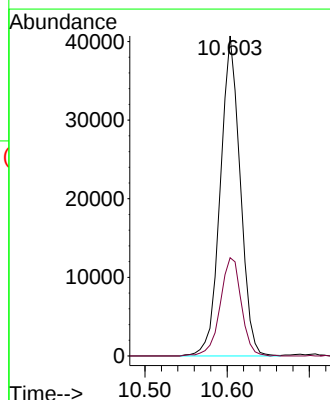
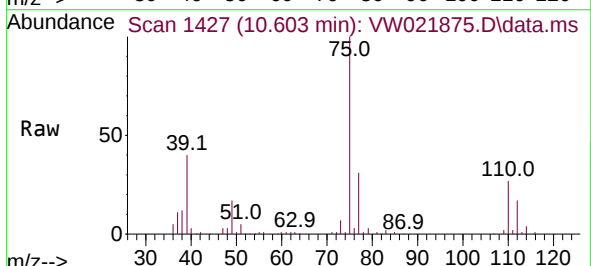
Acq: 12 Jan 2022 18:54

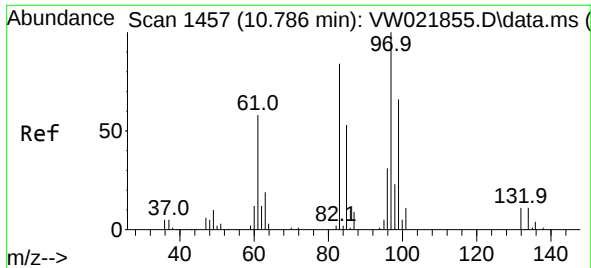
Tgt Ion: 75 Resp: 68499

Ion Ratio Lower Upper

75 100

77 30.7 22.2 41.2

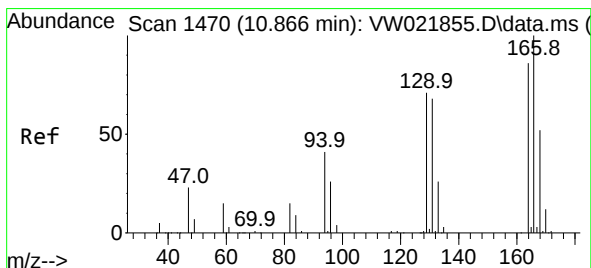
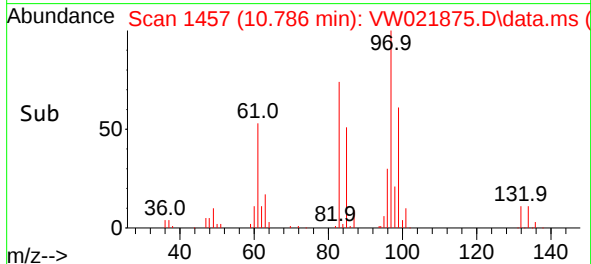
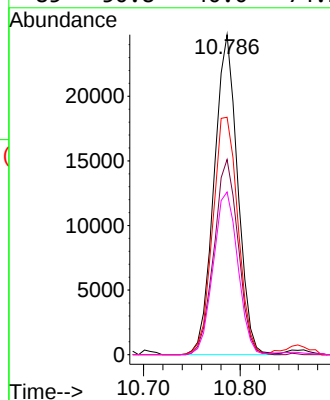
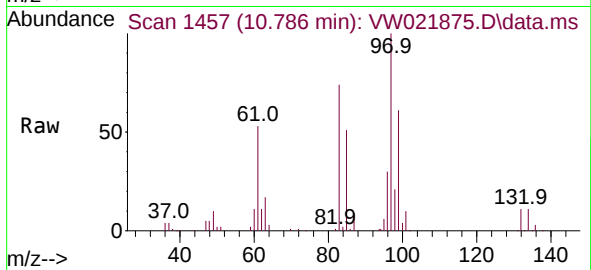




#45
1,1,2-Trichloroethane
Concen: 25.059 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

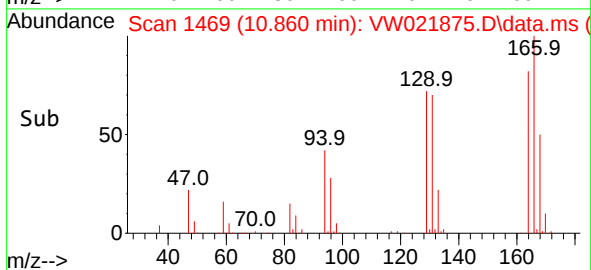
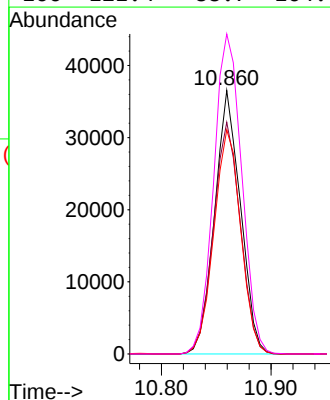
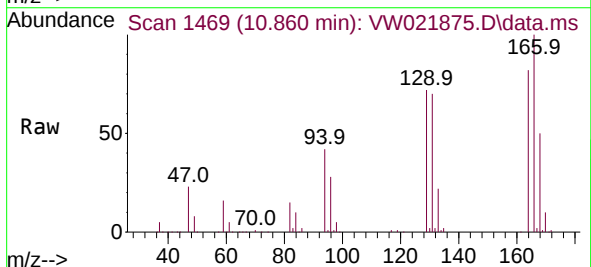
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

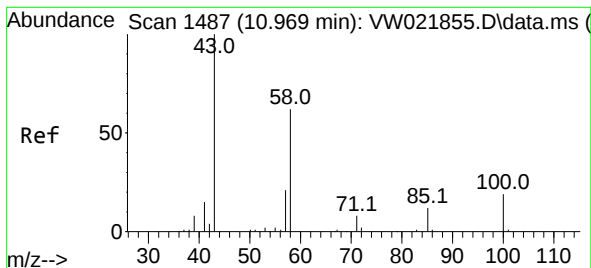
Tgt Ion:	97	Resp:	41933
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.0	79.8
83	74.2	62.6	116.3
85	50.8	40.0	74.2



#46
Tetrachloroethene
Concen: 23.074 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion:	164	Resp:	59889
Ion	Ratio	Lower	Upper
164	100		
129	87.9	65.5	121.7
131	85.0	59.7	110.9
166	121.4	88.7	164.7

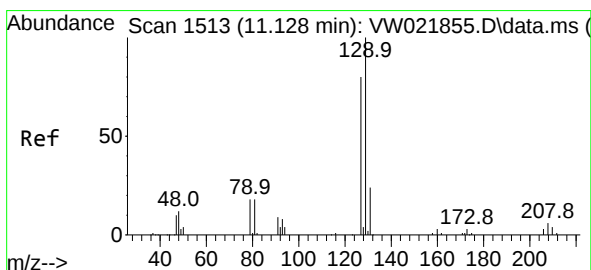
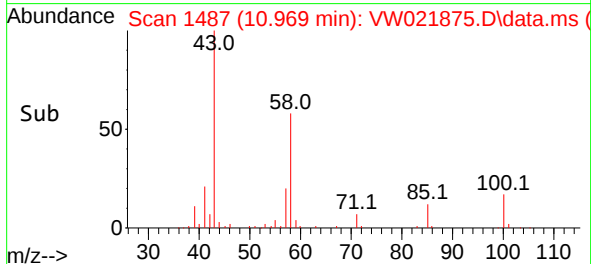
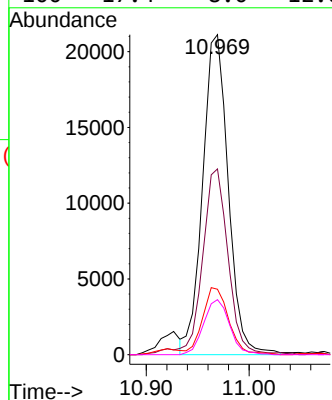
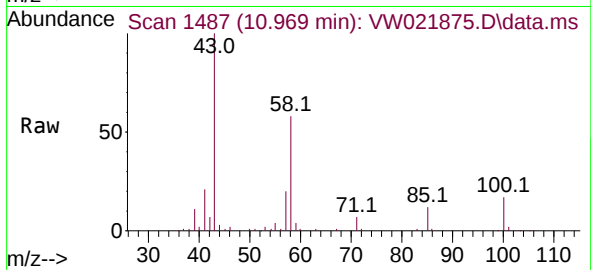




#48
2-Hexanone
Concen: 57.814 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

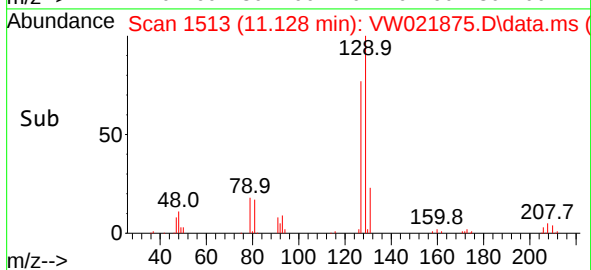
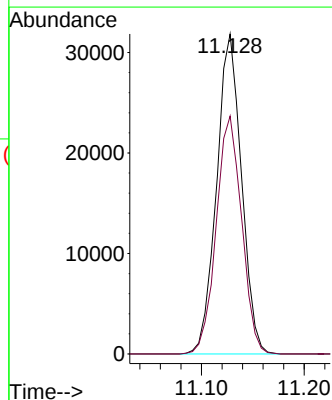
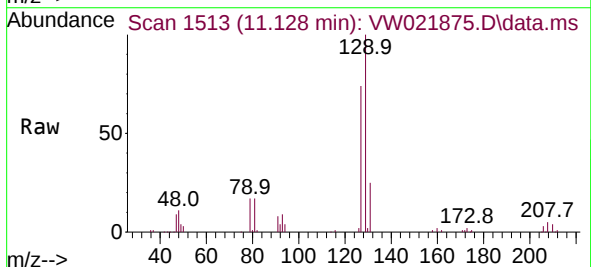
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

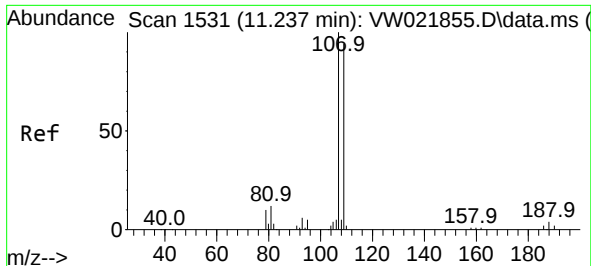
Tgt Ion: 43	Resp: 36624
Ion Ratio	Lower Upper
43 100	
58 57.1	40.2 60.2
57 21.3	14.3 21.5
100 17.4	8.0 12.0#



#49
Dibromochloromethane
Concen: 25.399 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion:129	Resp:	53553	
Ion	Ratio	Lower	Upper
129	100		
127	74.3	55.7	103.5





#50

1,2-Dibromoethane

Concen: 24.641 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

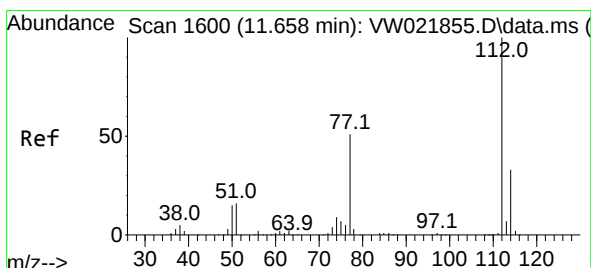
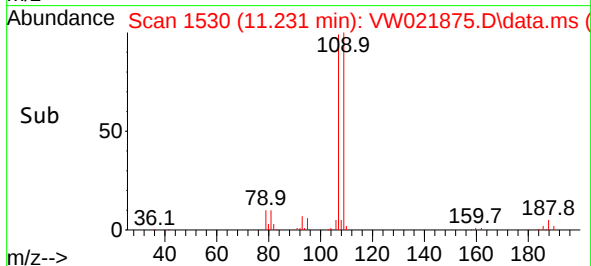
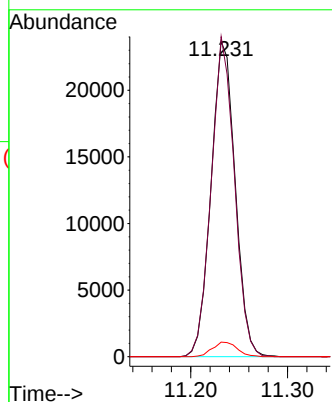
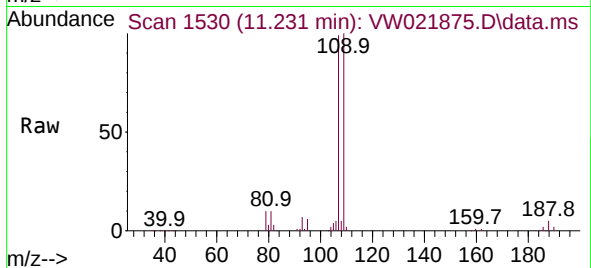
Tgt Ion:107 Resp: 40930

Ion Ratio Lower Upper

107 100

109 101.5 64.1 119.1

188 4.6 2.6 3.8#



#51

Chlorobenzene

Concen: 24.767 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

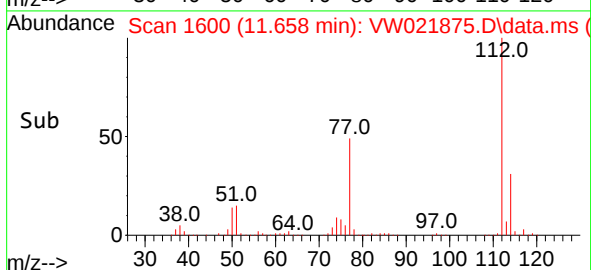
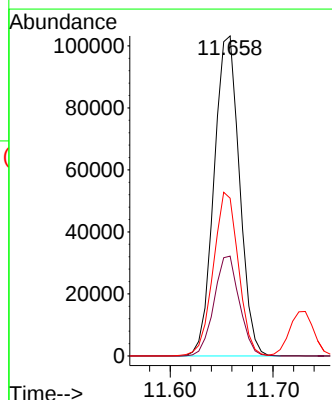
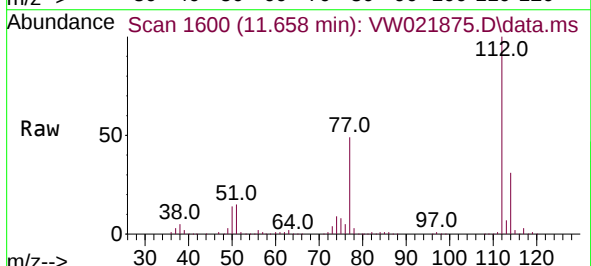
Tgt Ion:112 Resp: 177442

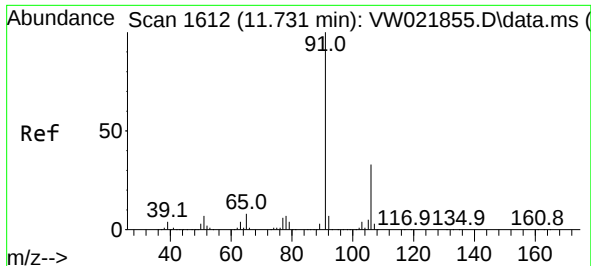
Ion Ratio Lower Upper

112 100

114 31.2 22.4 41.6

77 49.3 50.2 75.4#





#52

Ethylbenzene

Concen: 24.977 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

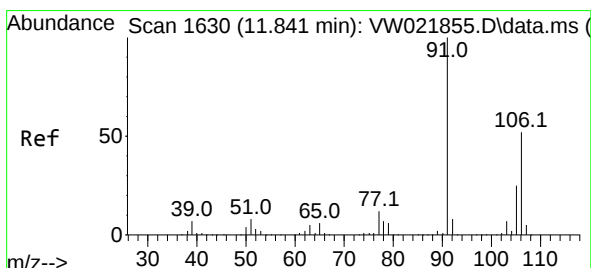
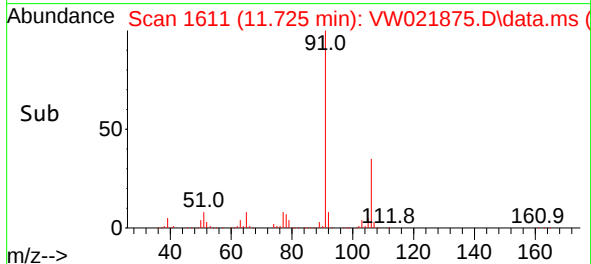
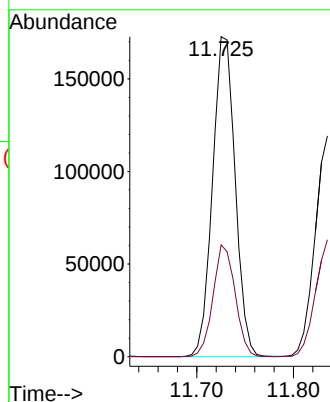
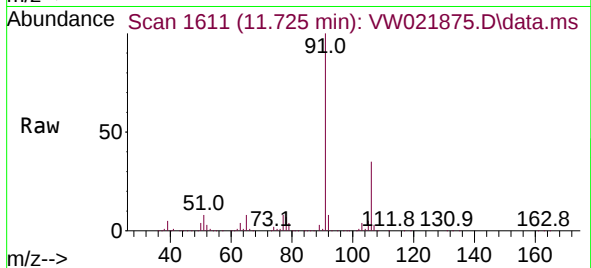
VSTD025533

Tgt Ion: 91 Resp: 281537

Ion Ratio Lower Upper

91 100

106 34.9 21.5 39.9



#53

m,p-Xylene

Concen: 25.197 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021875.D

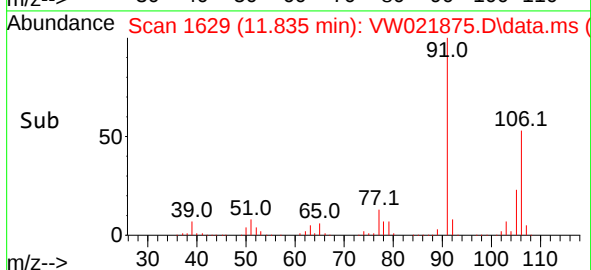
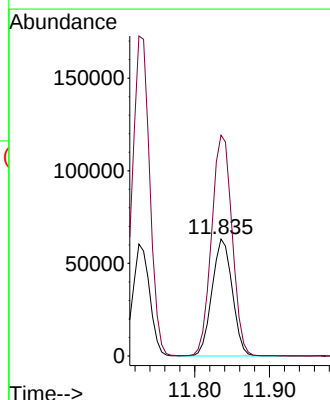
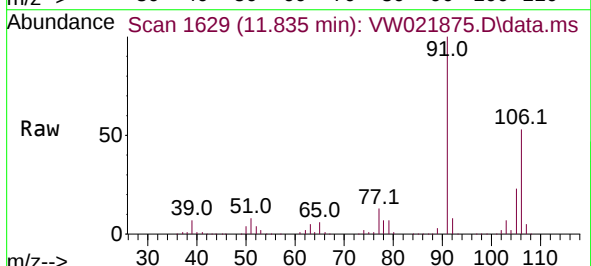
Acq: 12 Jan 2022 18:54

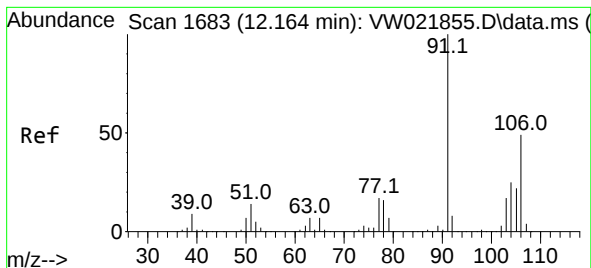
Tgt Ion:106 Resp: 118766

Ion Ratio Lower Upper

106 100

91 188.7 149.9 278.3





#54

o-Xylene

Concen: 25.145 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

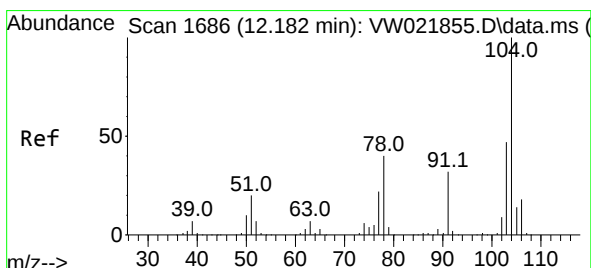
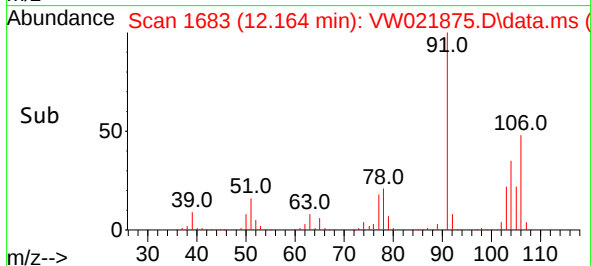
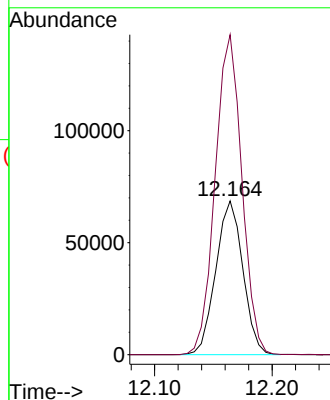
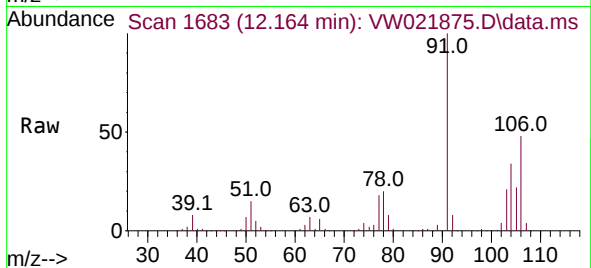
VSTD025533

Tgt Ion:106 Resp: 110029

Ion Ratio Lower Upper

106 100

91 208.1 153.6 285.3



#55

Styrene

Concen: 25.728 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW021875.D

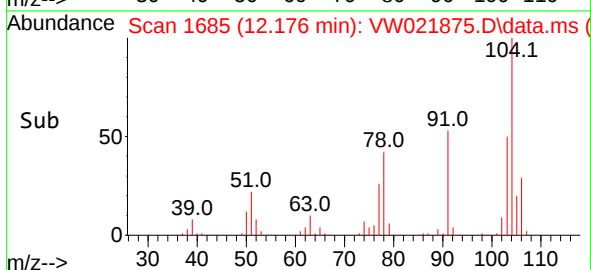
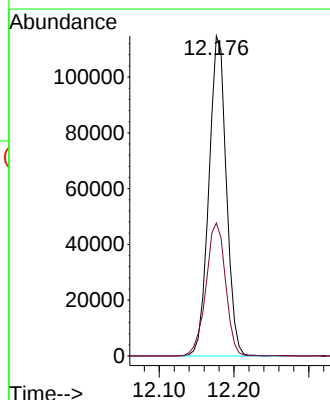
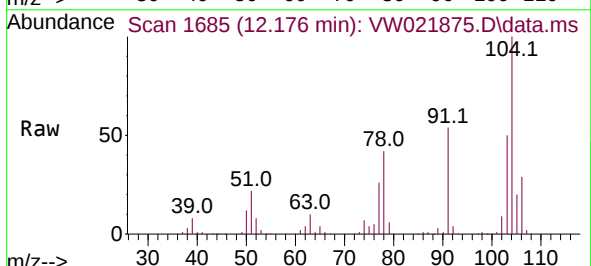
Acq: 12 Jan 2022 18:54

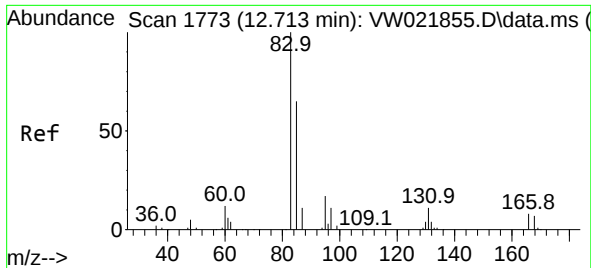
Tgt Ion:104 Resp: 185862

Ion Ratio Lower Upper

104 100

78 41.6 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.329 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

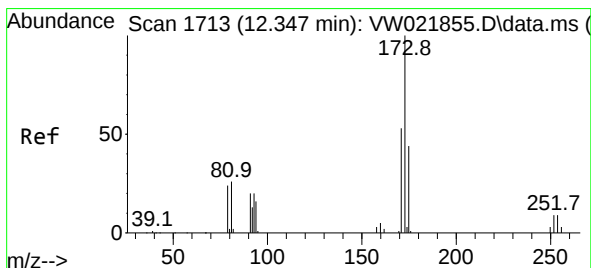
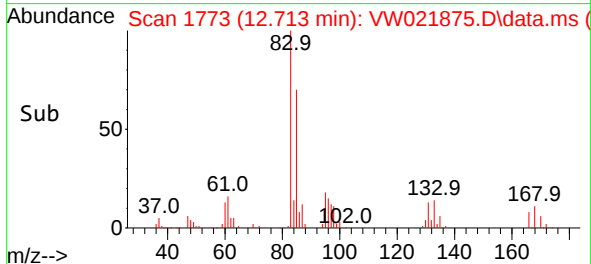
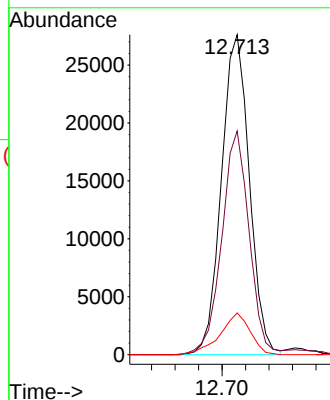
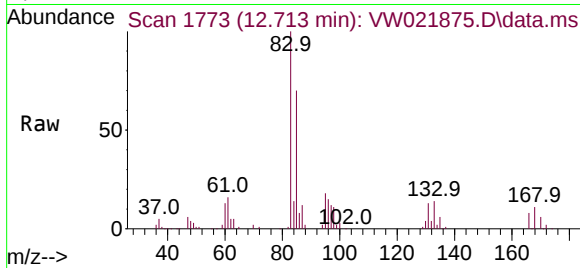
Tgt Ion: 83 Resp: 45604

Ion Ratio Lower Upper

83 100

85 69.9 44.0 81.6

131 13.0 6.9 10.3#



#59

Bromoform

Concen: 25.094 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

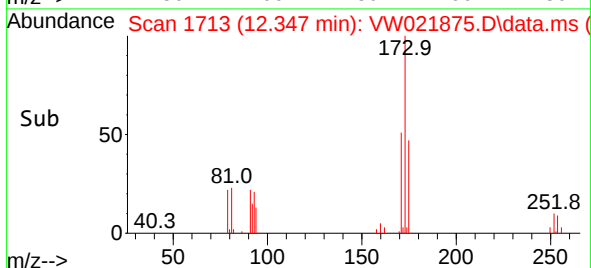
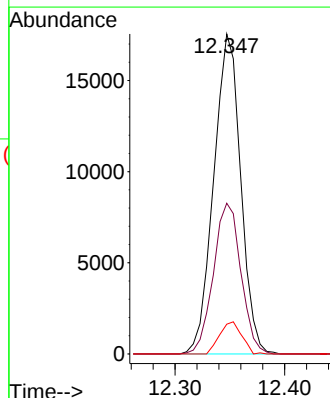
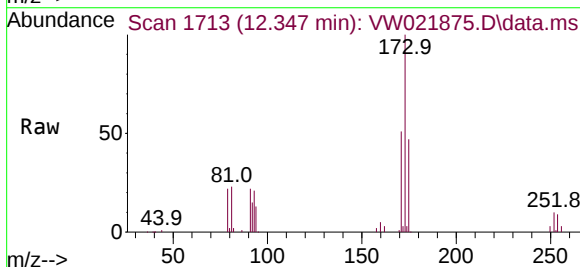
Tgt Ion:173 Resp: 30010

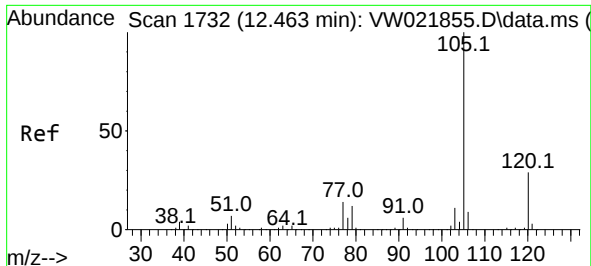
Ion Ratio Lower Upper

173 100

175 48.1 39.6 59.4

254 8.2 7.4 11.0

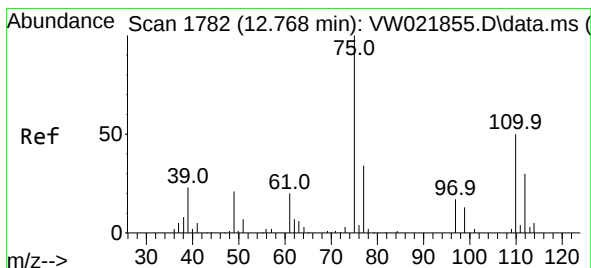
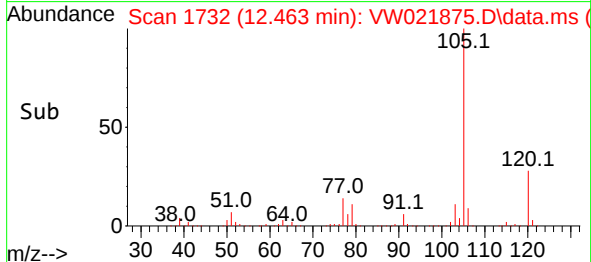
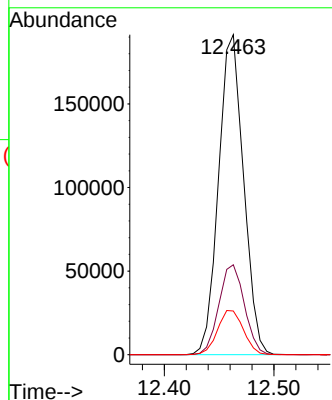
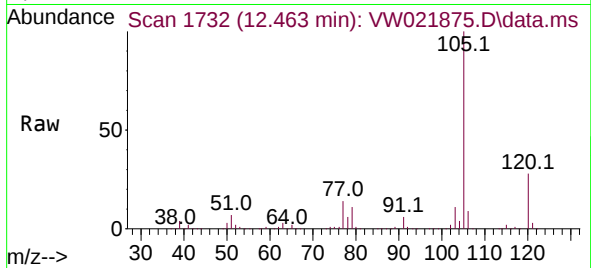




#60
Isopropylbenzene
Concen: 25.407 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

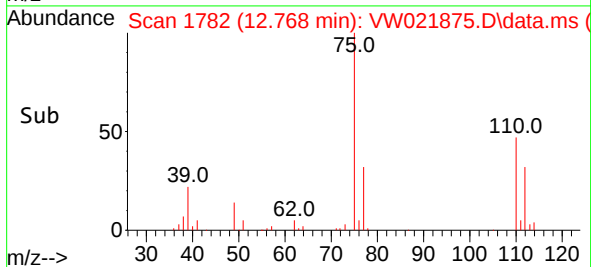
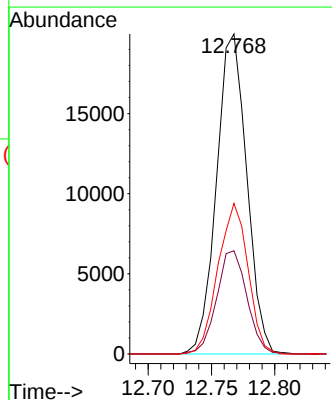
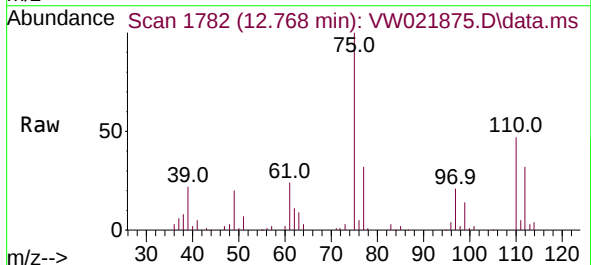
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

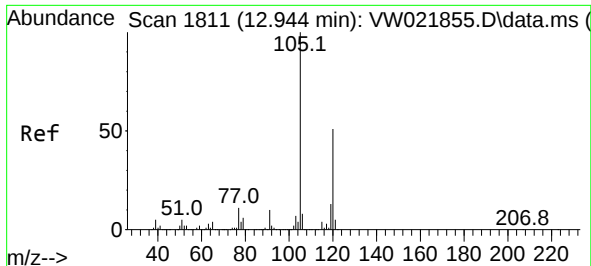
Tgt Ion:105 Resp: 303481
Ion Ratio Lower Upper
105 100
120 28.7 20.1 30.1
77 14.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.484 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion: 75 Resp: 33199
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 46.6 29.0 43.4#

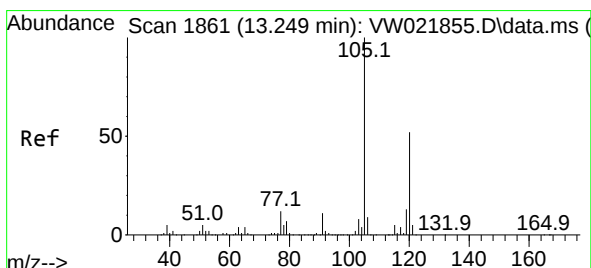
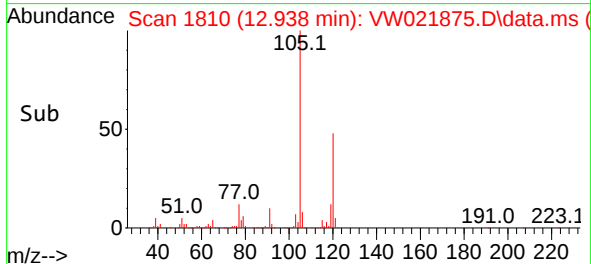
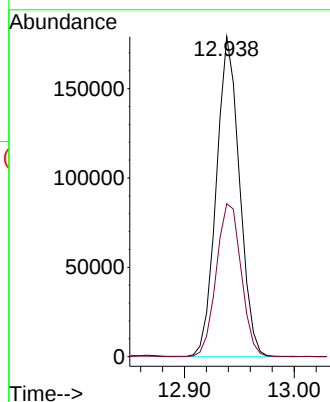
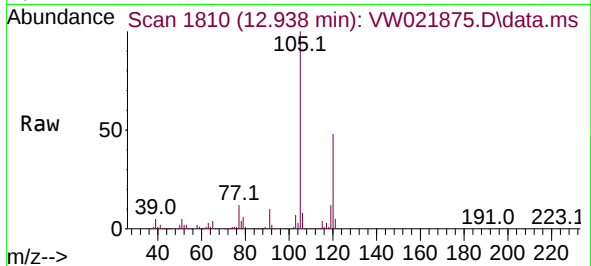




#62
1,3,5-Trimethylbenzene
Concen: 26.618 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

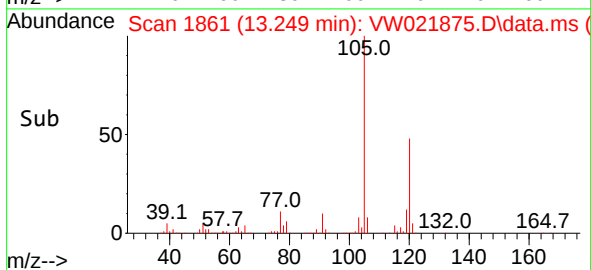
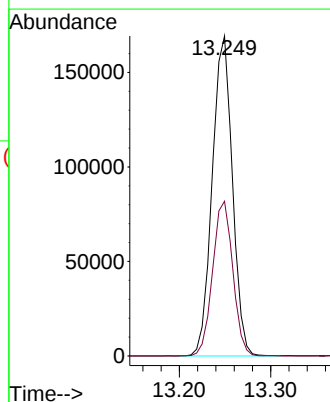
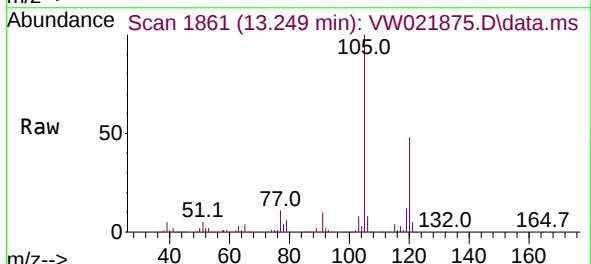
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

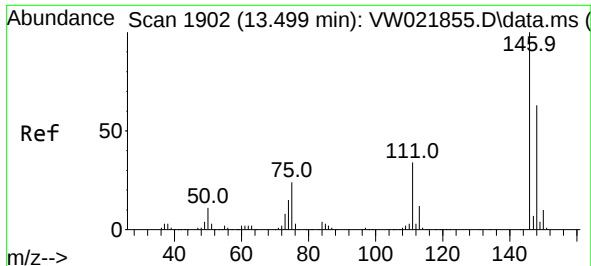
Tgt Ion:105 Resp: 263291
Ion Ratio Lower Upper
105 100
120 51.4 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.552 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion:105 Resp: 259026
Ion Ratio Lower Upper
105 100
120 48.5 35.0 52.6

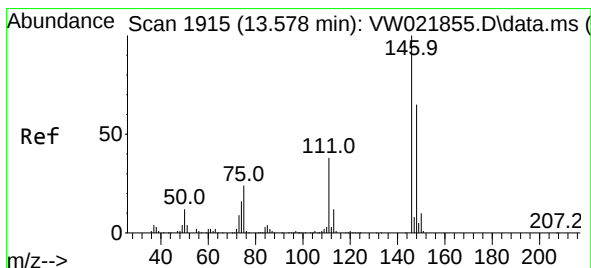
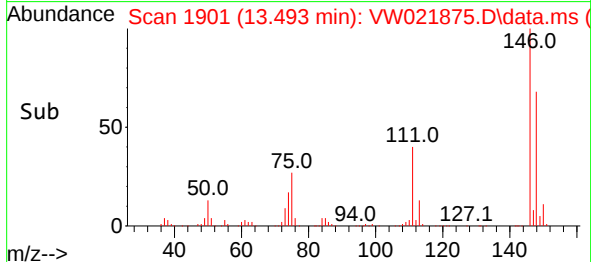
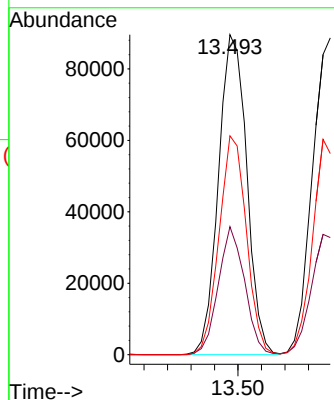
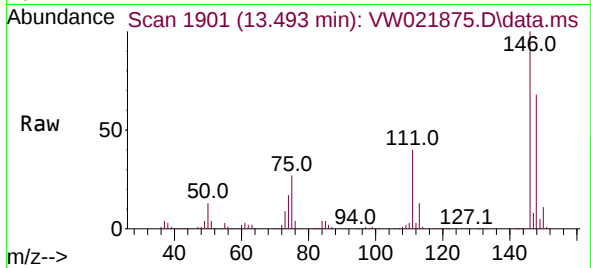




#64
1,3-Dichlorobenzene
Concen: 24.971 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

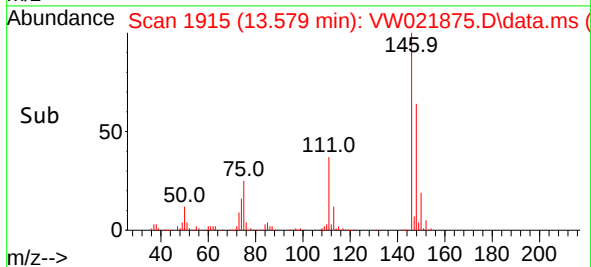
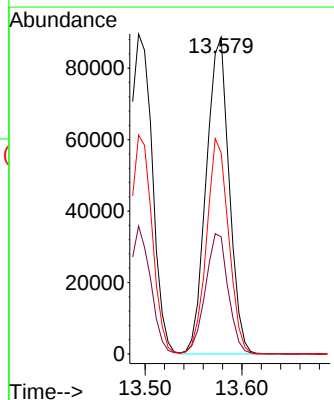
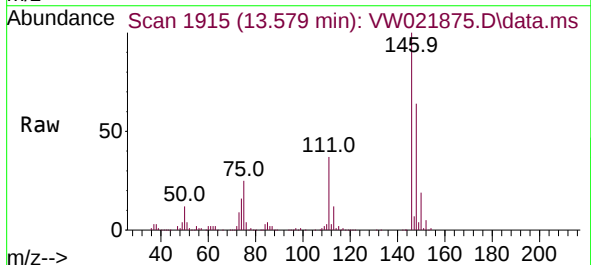
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

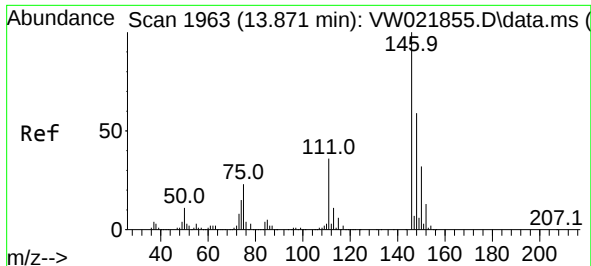
Tgt Ion:146 Resp: 149966
Ion Ratio Lower Upper
146 100
111 40.0 29.8 55.3
148 68.4 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.614 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021875.D
Acq: 12 Jan 2022 18:54

Tgt Ion:146 Resp: 145951
Ion Ratio Lower Upper
146 100
111 37.0 29.0 53.9
148 63.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.769 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

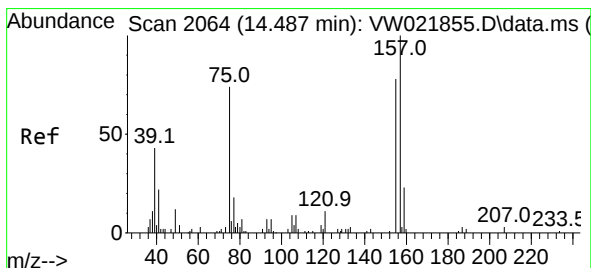
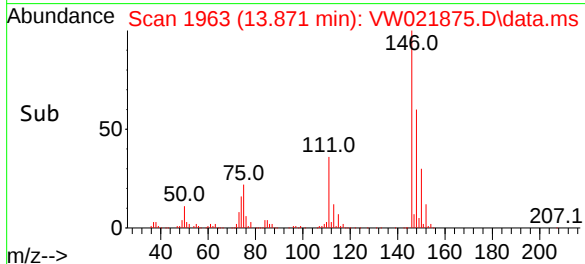
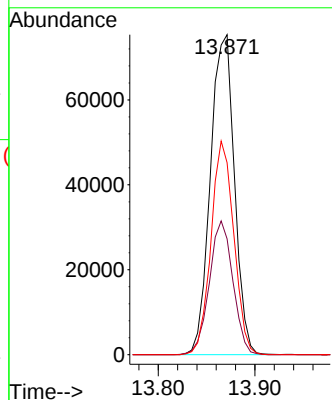
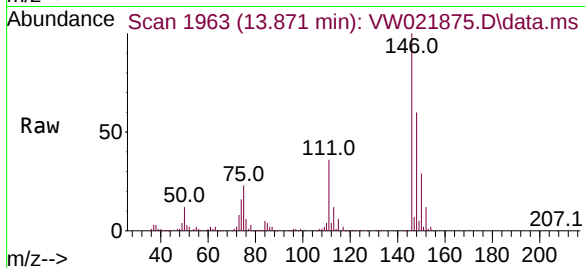
Tgt Ion:146 Resp: 130240

Ion Ratio Lower Upper

146 100

111 36.2 33.1 49.7

148 60.0 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.037 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

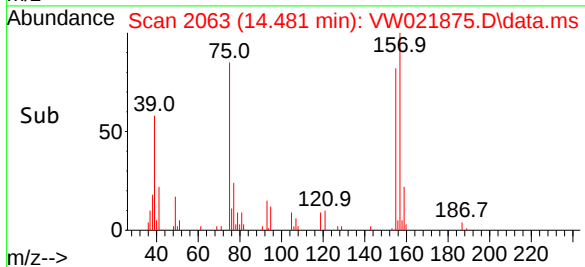
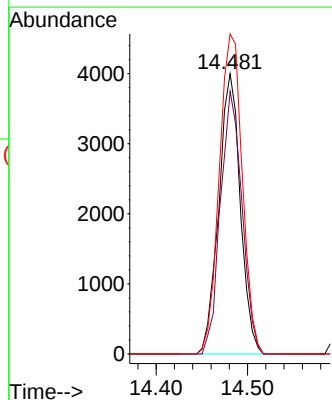
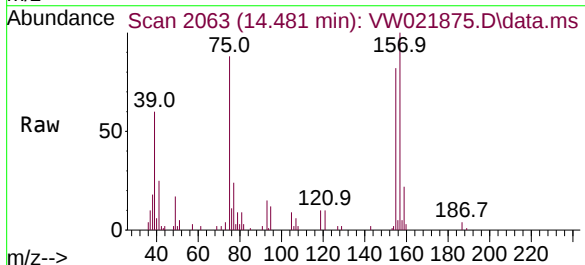
Tgt Ion: 75 Resp: 6545

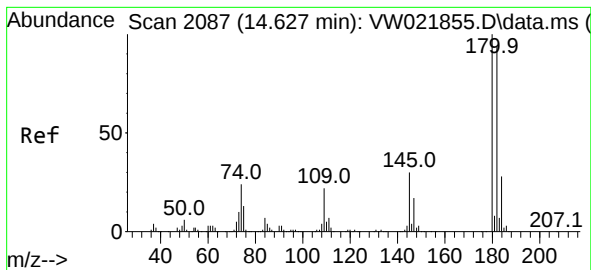
Ion Ratio Lower Upper

75 100

155 93.7 54.2 81.2#

157 114.2 69.4 104.2#

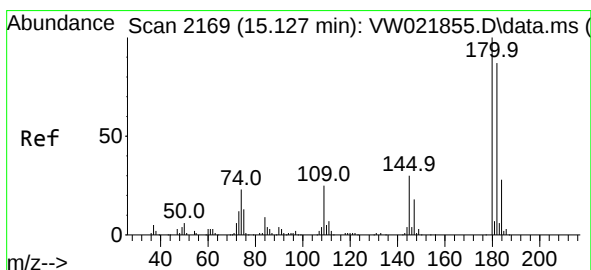
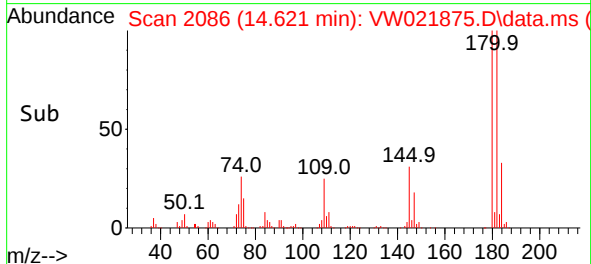
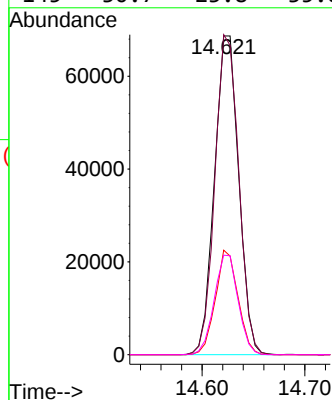
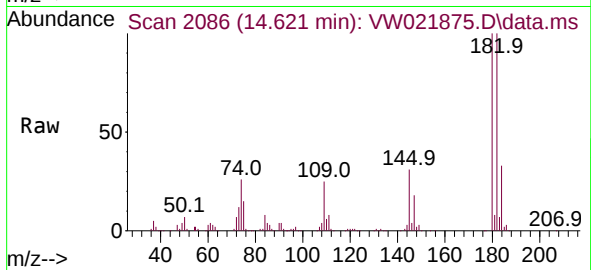




#69
 1,3,5-Trichlorobenzene
 Concen: 25.225 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW021875.D
 Acq: 12 Jan 2022 18:54

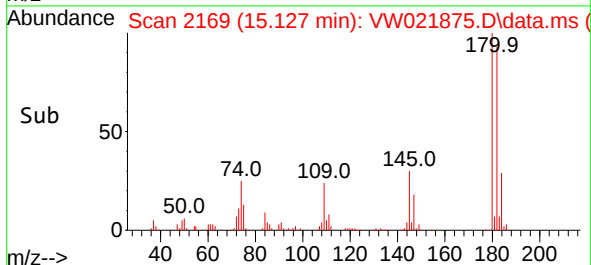
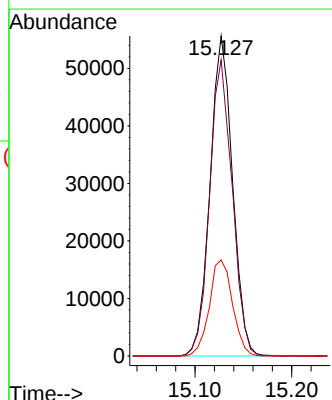
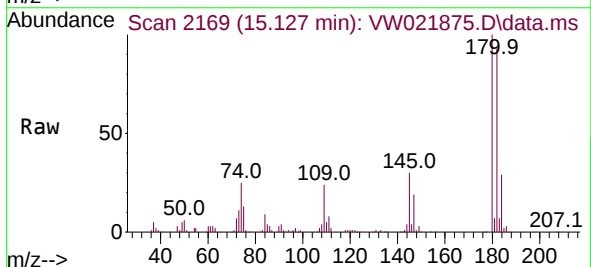
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

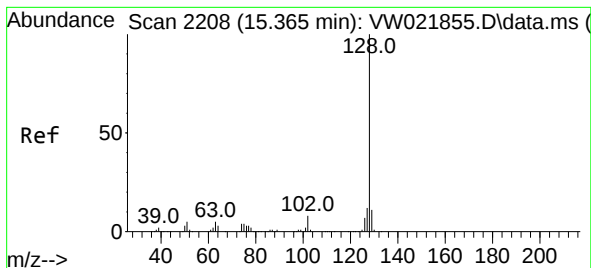
Tgt Ion:180 Resp: 112592
 Ion Ratio Lower Upper
 180 100
 182 98.3 75.4 113.0
 184 30.5 23.8 35.8
 145 30.7 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 25.293 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021875.D
 Acq: 12 Jan 2022 18:54

Tgt Ion:180 Resp: 89959
 Ion Ratio Lower Upper
 180 100
 182 92.8 79.0 118.6
 145 30.9 26.0 39.0





#71

Naphthalene

Concen: 27.701 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

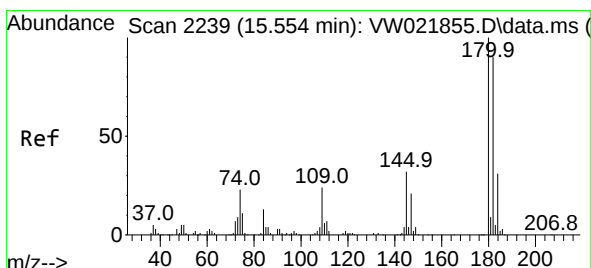
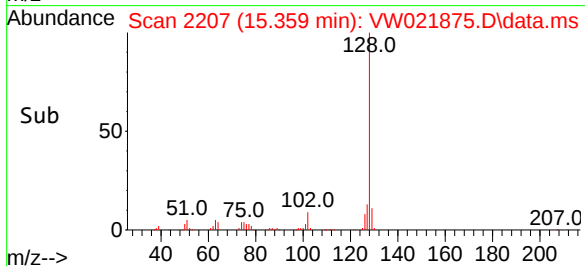
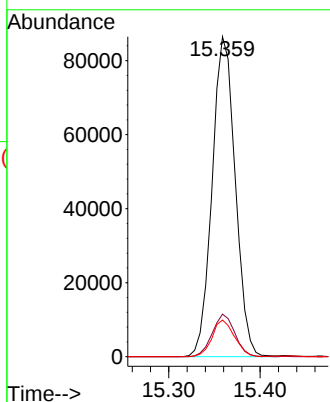
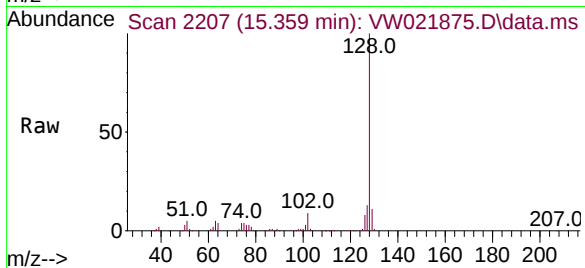
Tgt Ion:128 Resp: 151979

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.435 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021875.D

Acq: 12 Jan 2022 18:54

Tgt Ion:180 Resp: 74703

Ion Ratio Lower Upper

180 100

182 96.7 76.6 114.8

145 33.0 27.4 41.0

