

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031422\
 Data File : VW022328.D
 Acq On : 14 Mar 2022 18:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025584

Quant Time: Mar 15 01:07:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 15 01:03:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	129010	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	123014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39272	23.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.360%
7) Chloroethane-d5	2.879	69	34876	26.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.360%
11) 1,1-Dichloroethene-d2	4.013	63	53871	20.906	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.640%
21) 2-Butanone-d5	7.080	46	18976	67.072	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.140%
24) Chloroform-d	7.647	84	75412	26.199	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	8.305	65	38882	25.987	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.960%
32) Benzene-d6	8.268	84	138063	24.115	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.480%
36) 1,2-Dichloropropane-d6	9.274	67	39891	25.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.323	98	131986	23.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.760%
43) trans-1,3-Dichloroprop...	10.573	79	17885	25.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.480%
47) 2-Hexanone-d5	10.920	63	16466	62.969	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42085	30.161	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.640%#
66) 1,2-Dichlorobenzene-d4	13.853	152	58649	24.267	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10647	29.530	ug/L	96
3) Chloromethane	2.215	50	27478	22.241	ug/L	100
5) Vinyl chloride	2.355	62	45992	24.775	ug/L	98
6) Bromomethane	2.776	94	32779	25.283	ug/L	93
8) Chloroethane	2.916	64	30184	28.944	ug/L	98
9) Trichlorofluoromethane	3.251	101	28065	22.268	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39396	25.621	ug/L	97
12) 1,1-Dichloroethene	4.037	96	31088	23.328	ug/L	97
13) Acetone	4.117	43	13525	58.531	ug/L	97
14) Carbon disulfide	4.379	76	56929	16.477	ug/L	97
15) Methyl Acetate	4.672	43	15072	28.973	ug/L #	78
16) Methylene chloride	4.915	84	40006	25.264	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	34734	23.729	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	59122	29.688	ug/L	100
19) 1,1-Dichloroethane	6.214	63	64523	27.228	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	42087	26.542	ug/L	98
22) 2-Butanone	7.171	43	21560	64.952	ug/L	97
23) Bromochloromethane	7.513	128	21382	27.604	ug/L	98
25) Chloroform	7.677	83	77698	28.101	ug/L	99

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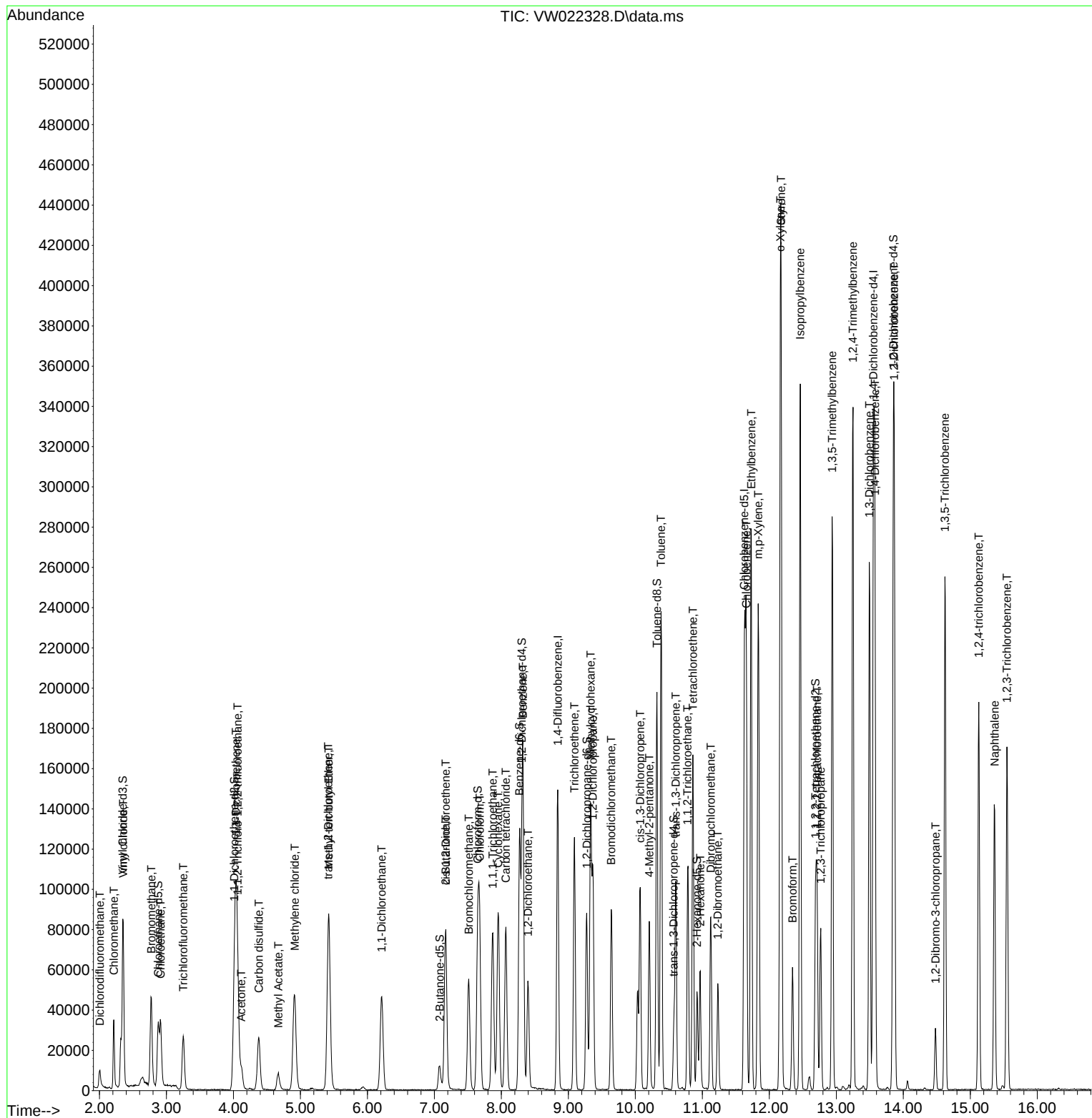
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	47311	27.780	ug/L	100
29) Cyclohexane	7.951	56	45506	22.228	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	64827	26.194	ug/L	98
31) Carbon tetrachloride	8.067	117	60070	25.538	ug/L	100
33) Benzene	8.323	78	152621	25.662	ug/L	100
34) Trichloroethene	9.091	95	42557	24.991	ug/L	99
35) Methylcyclohexane	9.335	83	59507	22.592	ug/L	99
37) 1,2-Dichloropropane	9.366	63	38462	27.720	ug/L	98
38) Bromodichloromethane	9.640	83	57612	28.955	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	59162	28.051	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	49729	66.368	ug/L	98
42) Toluene	10.384	91	176529	26.225	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	54420	28.714	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	34788	28.275	ug/L	96
46) Tetrachloroethene	10.859	164	36120	24.213	ug/L	91
48) 2-Hexanone	10.969	43	34387	66.122	ug/L	95
49) Dibromochloromethane	11.128	129	46306	30.985	ug/L	96
50) 1,2-Dibromoethane	11.231	107	34074	28.713	ug/L	100
51) Chlorobenzene	11.658	112	127978	27.318	ug/L	94
52) Ethylbenzene	11.731	91	201470	27.044	ug/L	100
53) m,p-Xylene	11.835	106	81781	26.679	ug/L	99
54) o-Xylene	12.164	106	80215	27.811	ug/L	94
55) Styrene	12.176	104	142370	29.444	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	45996	32.220	ug/L	99
59) Bromoform	12.347	173	26658	26.791	ug/L #	98
60) Isopropylbenzene	12.463	105	224127	24.813	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31586	26.597	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	157586	26.237	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	186544	25.413	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	113912	25.422	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	110736	24.662	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	103515	25.984	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	7091	28.245	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.621	180	78771	24.493	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	62673	25.755	ug/L	93
71) Naphthalene	15.365	128	123357	28.716	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	57688	27.408	ug/L	95

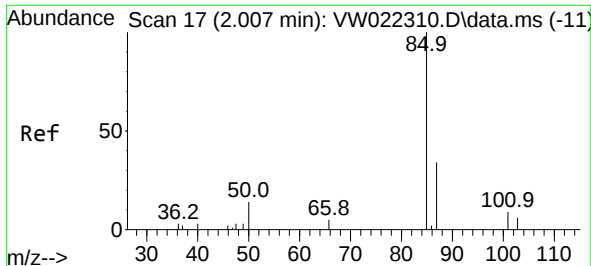
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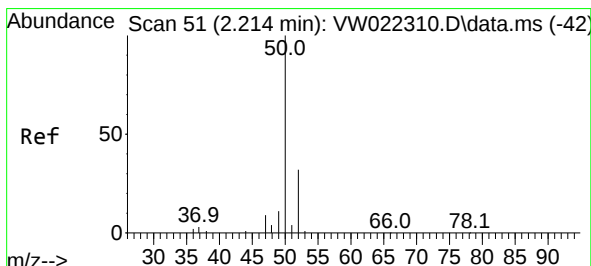
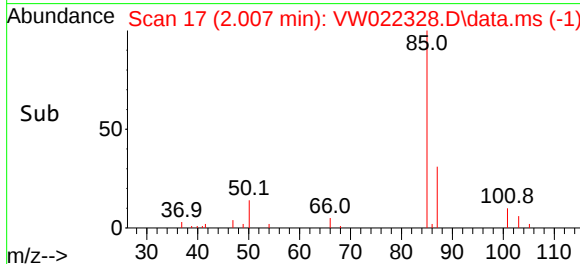
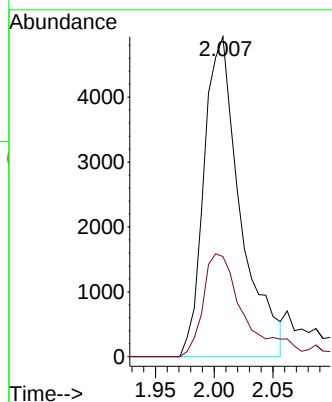
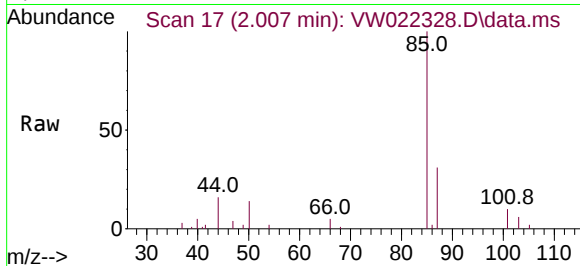




#2
 Dichlorodifluoromethane
 Concen: 29.530 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

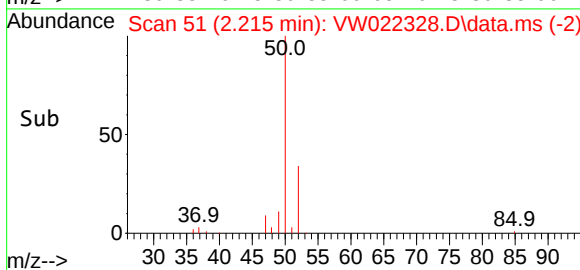
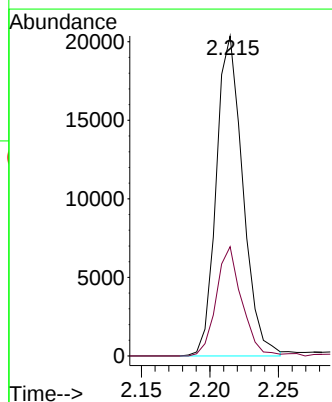
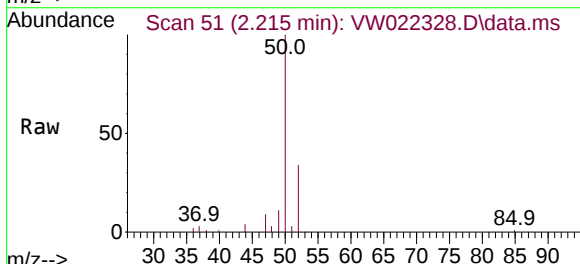
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 ClientSampleId :
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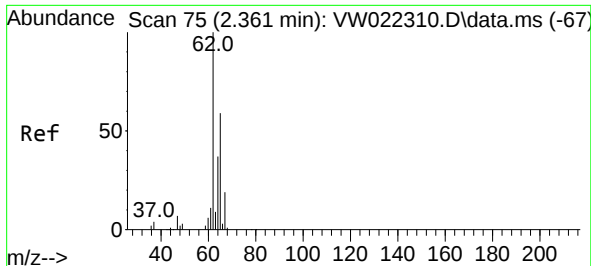
Tgt Ion: 85 Resp: 10647
 Ion Ratio Lower Upper
 85 100
 87 32.2 27.6 41.4



#3
 Chloromethane
 Concen: 22.241 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

Tgt Ion: 50 Resp: 27478
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.9 44.5

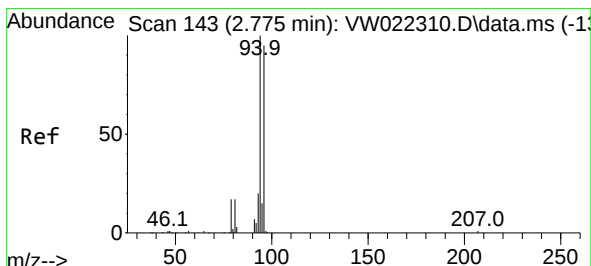
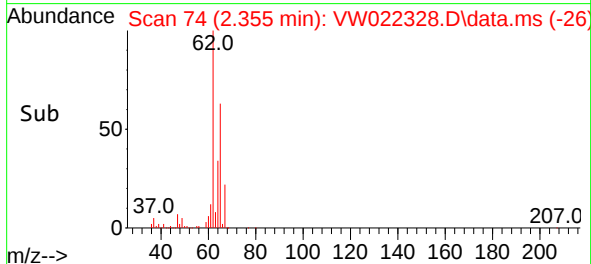
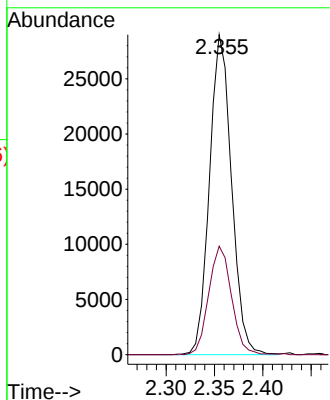
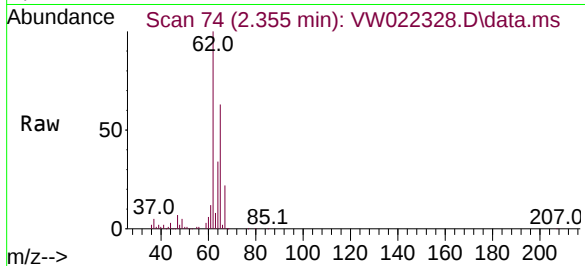




#5
 Vinyl chloride
 Concen: 24.775 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

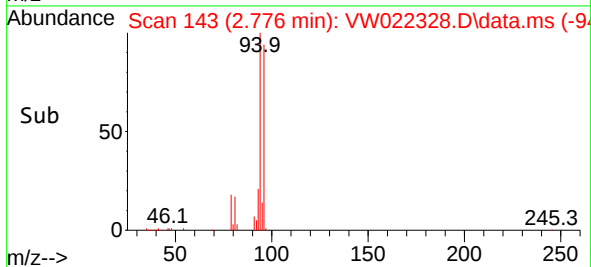
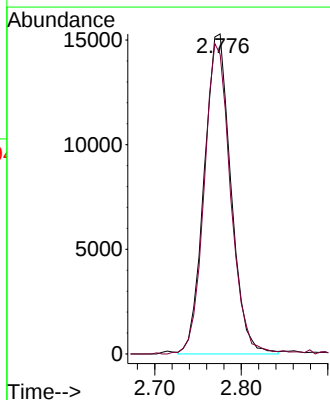
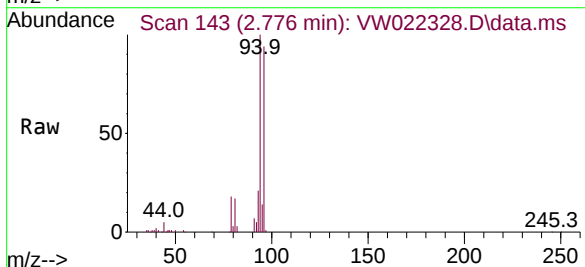
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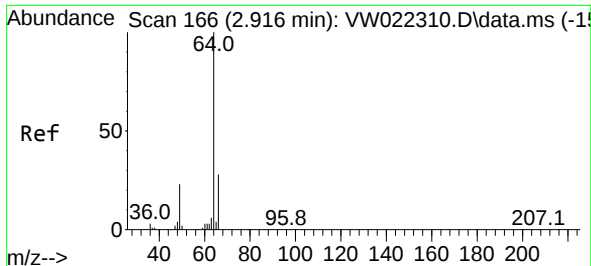
Tgt Ion: 62 Resp: 45992
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.7 45.9



#6
 Bromomethane
 Concen: 25.283 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

Tgt Ion: 94 Resp: 32779
 Ion Ratio Lower Upper
 94 100
 96 93.7 61.2 113.8

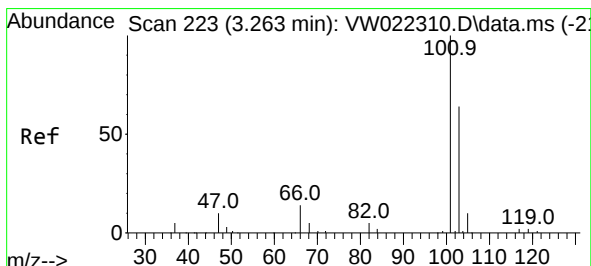
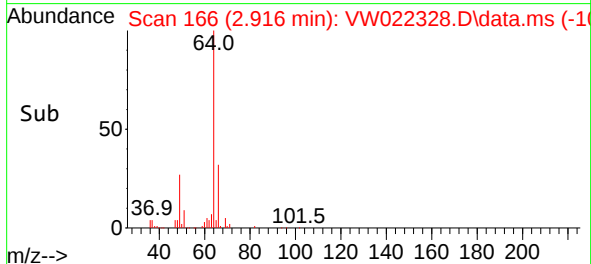
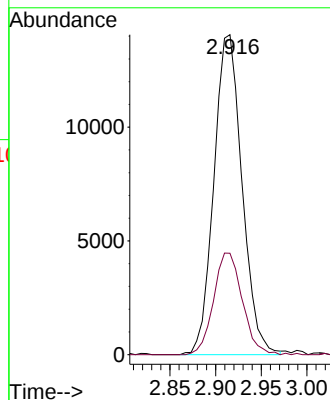
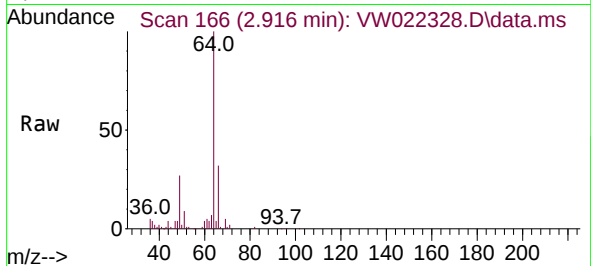




#8
Chloroethane
Concen: 28.944 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

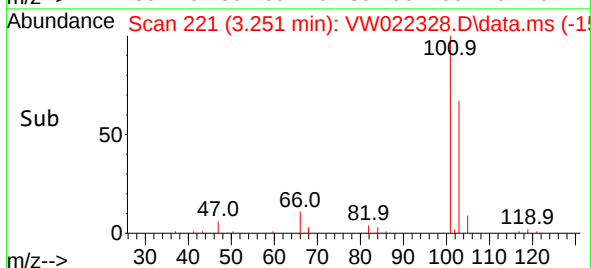
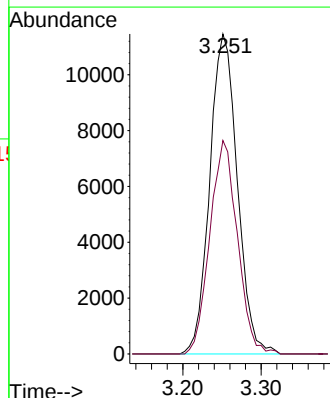
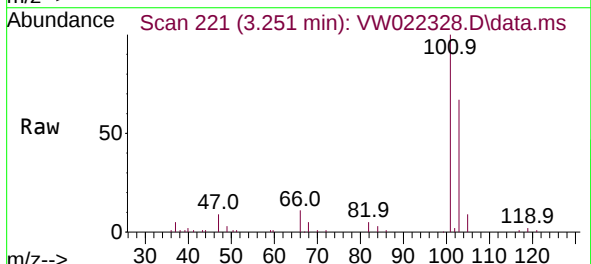
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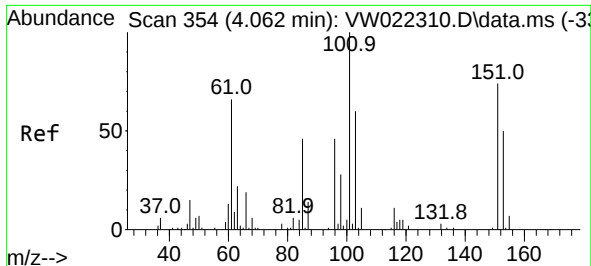
Tgt Ion: 64 Resp: 30184
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.268 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 101 Resp: 28065
Ion Ratio Lower Upper
101 100
103 66.3 53.2 79.8

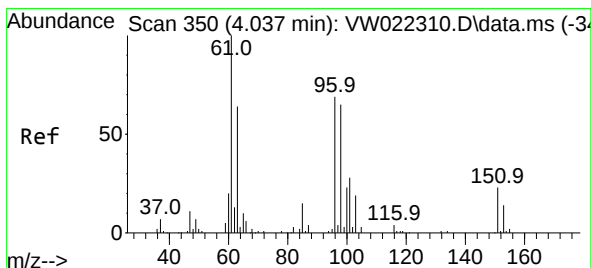
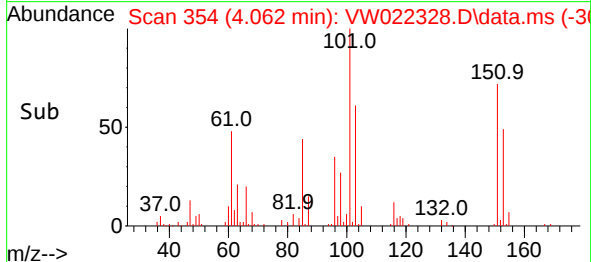
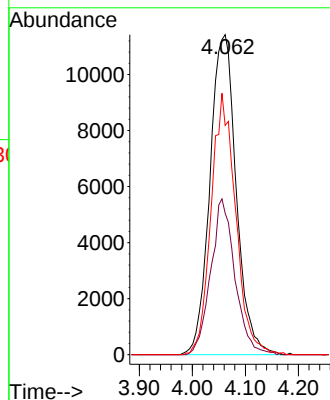
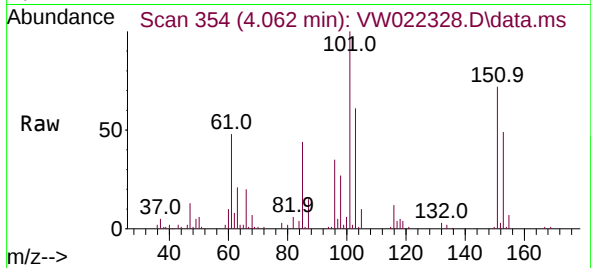




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.621 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

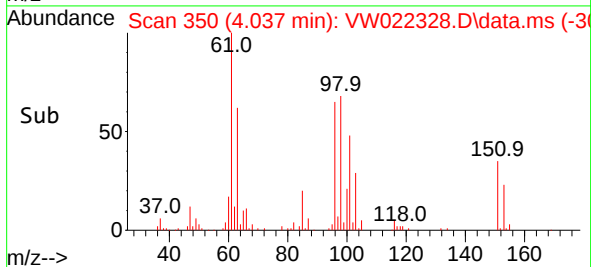
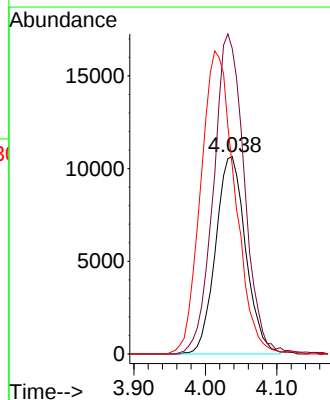
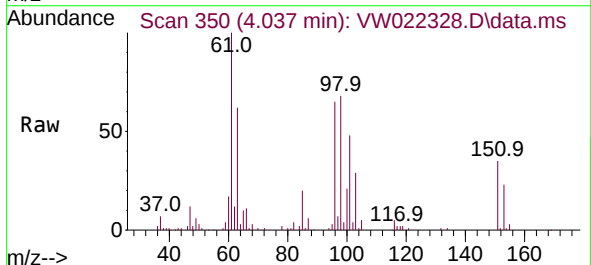
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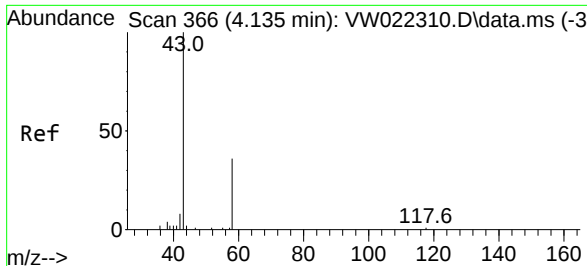
Tgt Ion:101 Resp: 39396
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.4 51.6
 151 75.8 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 23.328 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

Tgt Ion: 96 Resp: 31088
 Ion Ratio Lower Upper
 96 100
 61 154.8 108.4 201.2
 63 95.5 72.0 133.6





#13

Acetone

Concen: 58.531 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

Instrument :

MSVOA_W

ClientSampleId :

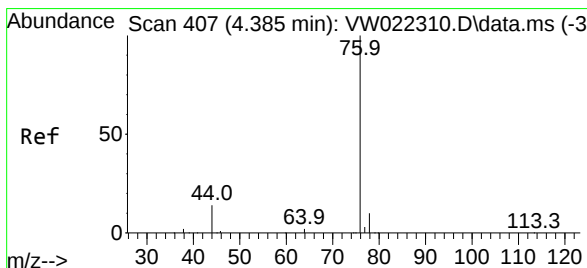
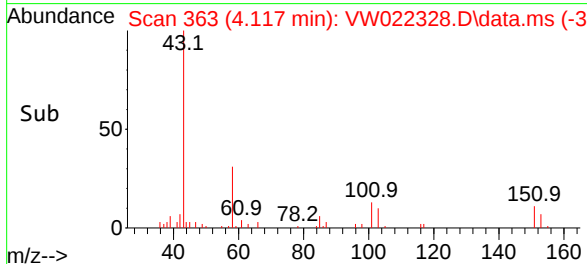
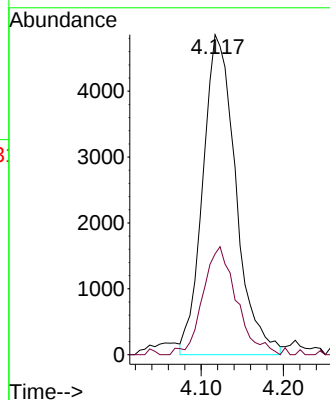
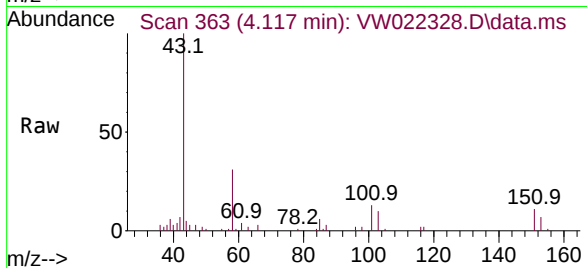
VSTD025584

Tgt Ion: 43 Resp: 13525

Ion Ratio Lower Upper

43 100

58 32.8 0.0 69.2



#14

Carbon disulfide

Concen: 16.477 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022328.D

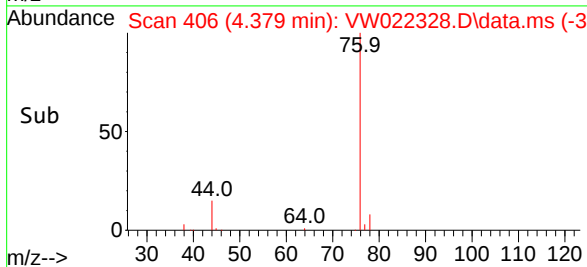
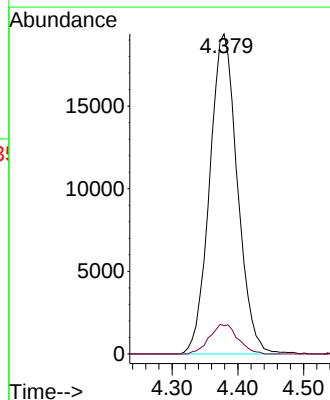
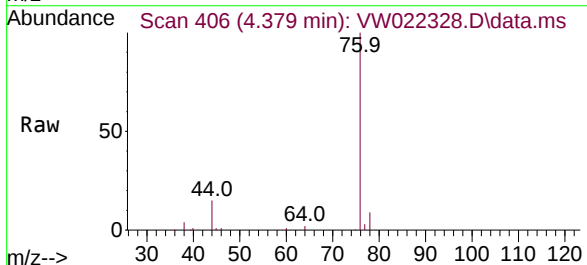
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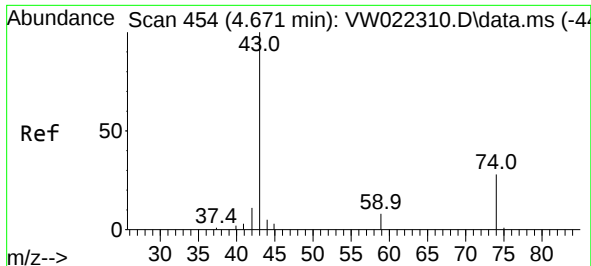
Tgt Ion: 76 Resp: 56929

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.8

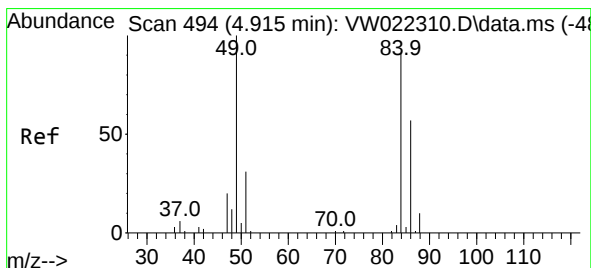
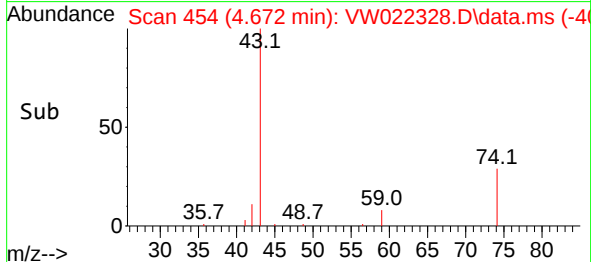
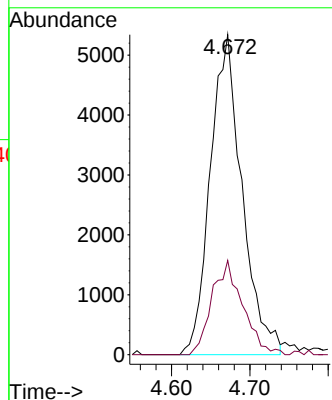
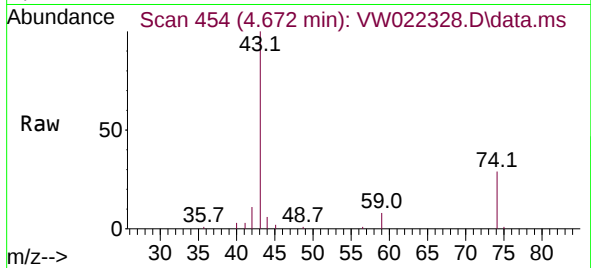




#15
Methyl Acetate
Concen: 28.973 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

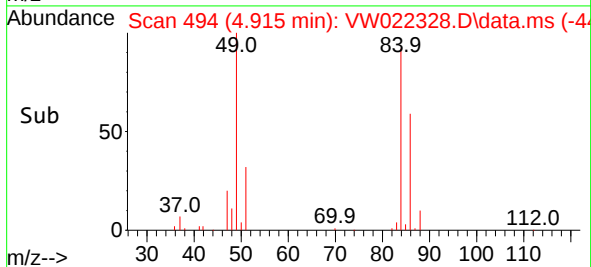
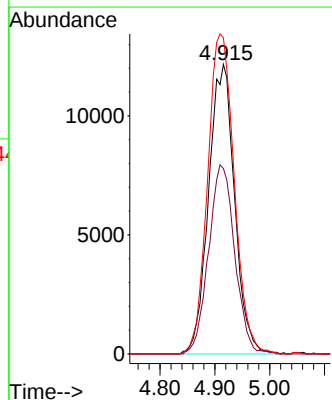
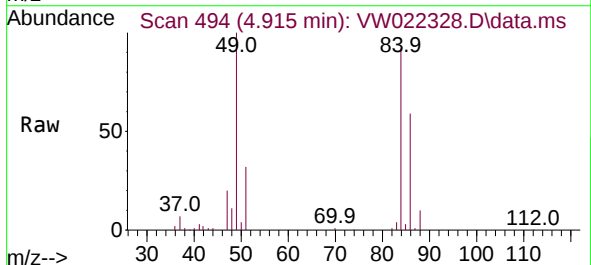
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

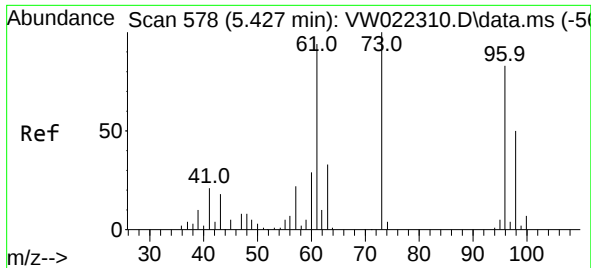
Tgt Ion: 43 Resp: 15072
Ion Ratio Lower Upper
43 100
74 17.3 23.0 34.6#



#16
Methylene chloride
Concen: 25.264 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 84 Resp: 40006
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.0
49 109.2 73.8 137.0

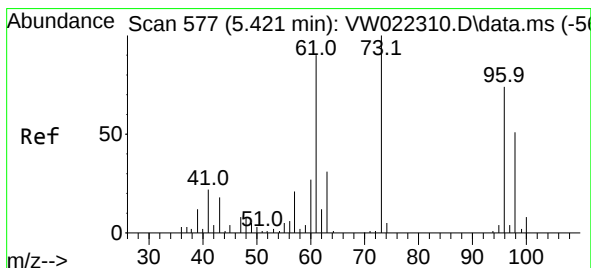
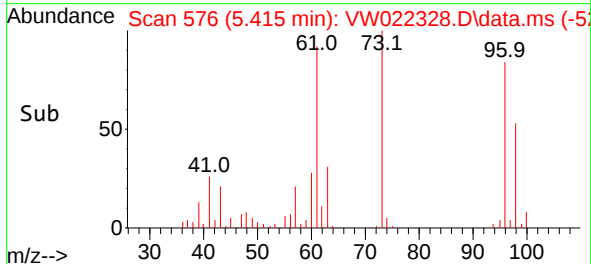
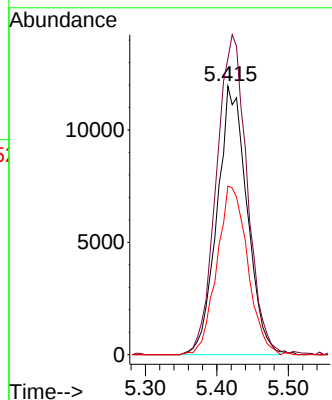
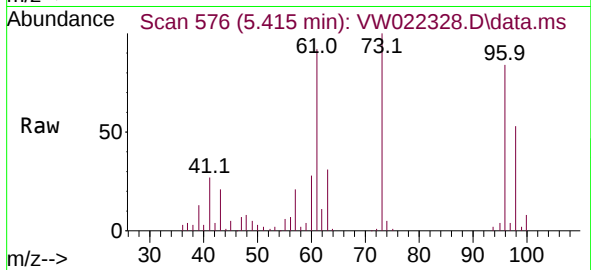




#17
trans-1,2-Dichloroethene
Concen: 23.729 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.012 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

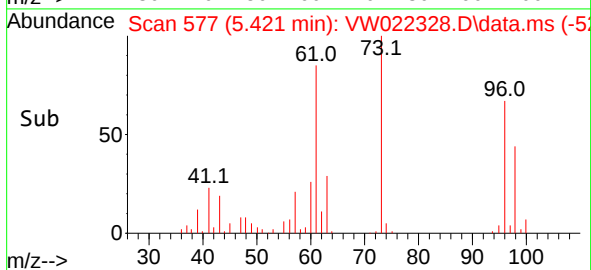
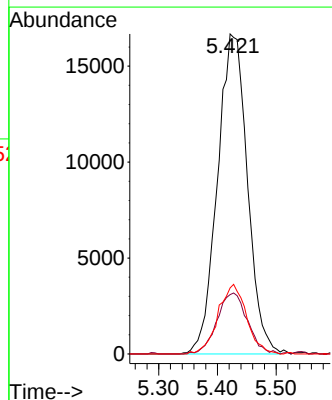
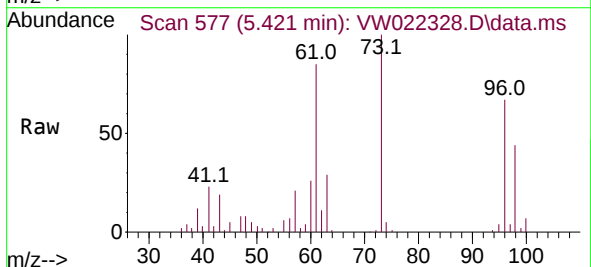
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

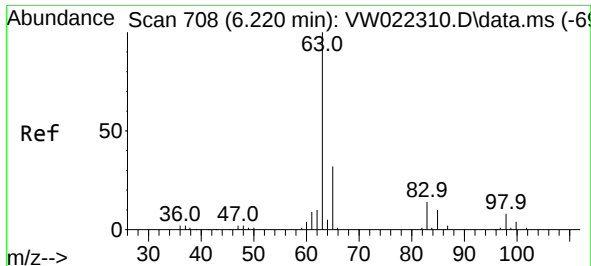
Tgt Ion: 96 Resp: 34734
Ion Ratio Lower Upper
96 100
61 110.2 87.3 162.1
98 62.8 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 29.688 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 73 Resp: 59122
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2
57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 27.228 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

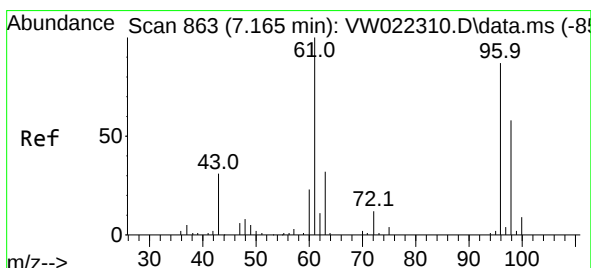
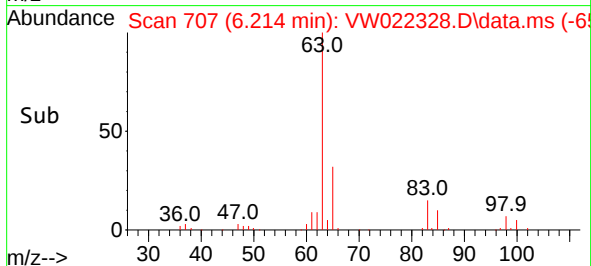
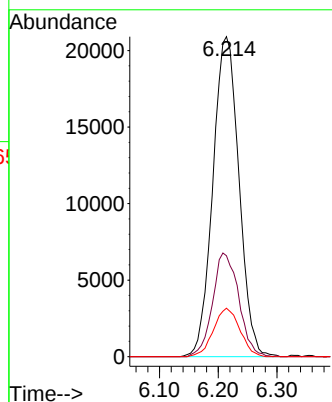
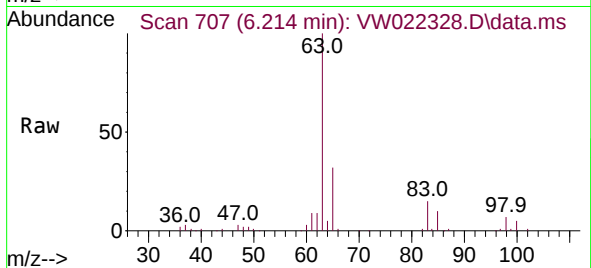
Tgt Ion: 63 Resp: 64523

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 15.2 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 26.542 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

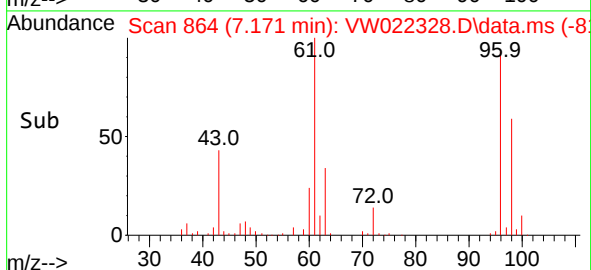
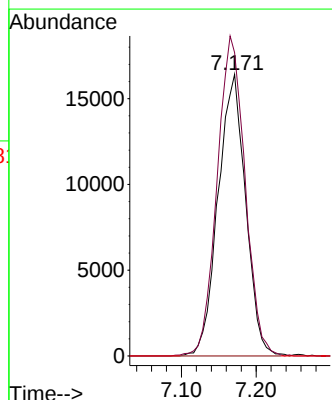
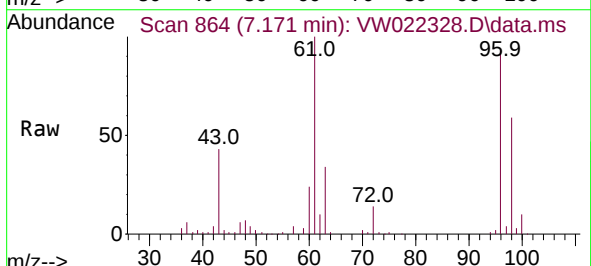
Tgt Ion: 96 Resp: 42087

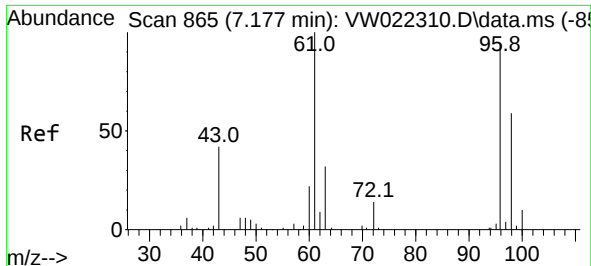
Ion Ratio Lower Upper

96 100

61 107.7 76.8 142.6

68 0.0 0.0 0.0

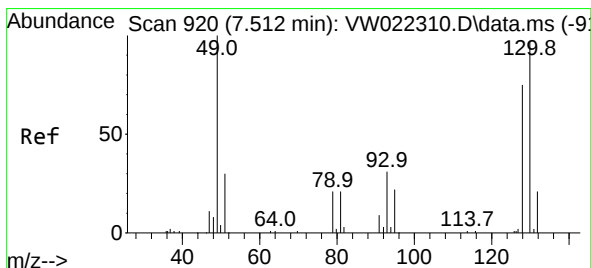
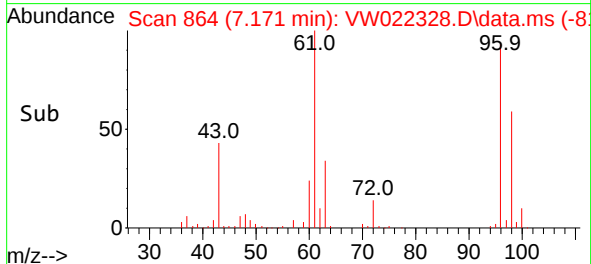
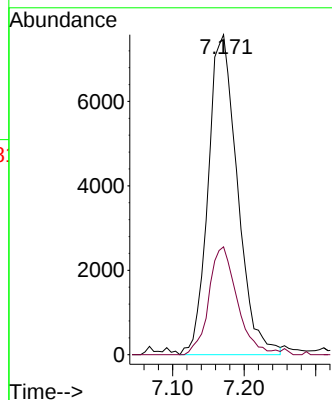
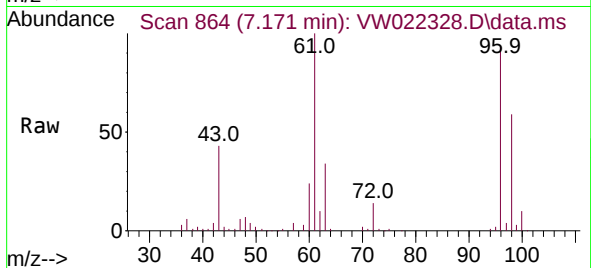




#22
2-Butanone
Concen: 64.952 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

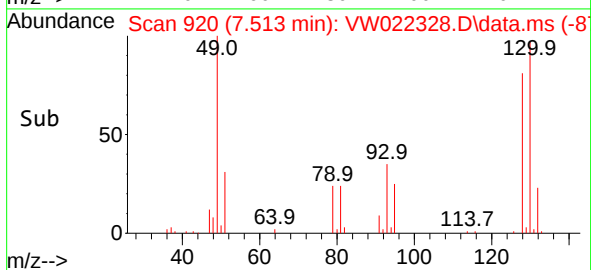
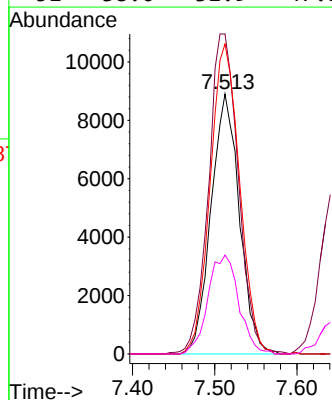
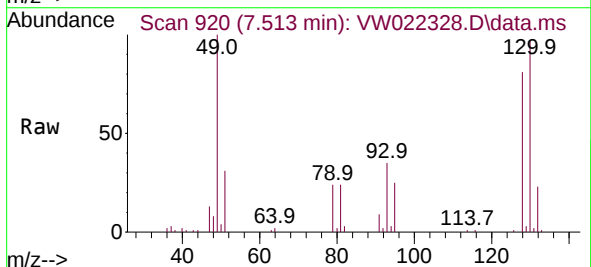
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

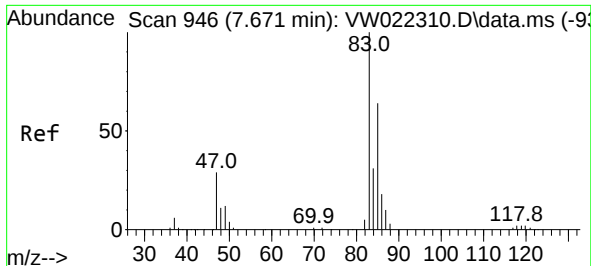
Tgt Ion: 43 Resp: 21560
Ion Ratio Lower Upper
43 100
72 32.4 17.0 51.0



#23
Bromochloromethane
Concen: 27.604 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 128 Resp: 21382
Ion Ratio Lower Upper
128 100
49 123.1 84.2 156.4
130 119.2 84.8 157.4
51 38.0 31.9 47.9





#25

Chloroform

Concen: 28.101 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

Instrument :

MSVOA_W

ClientSampleId :

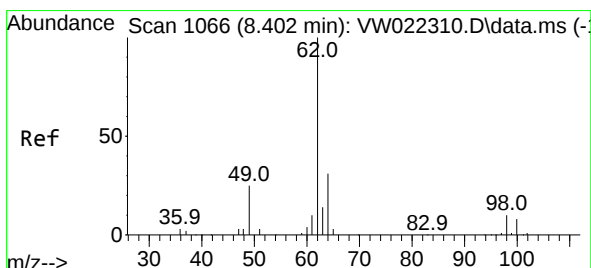
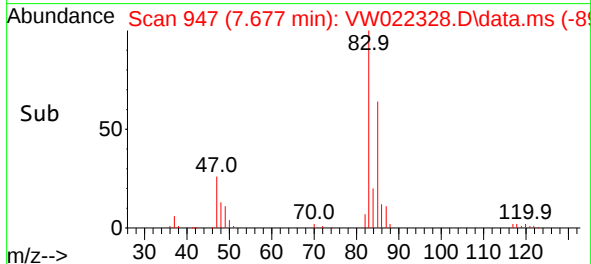
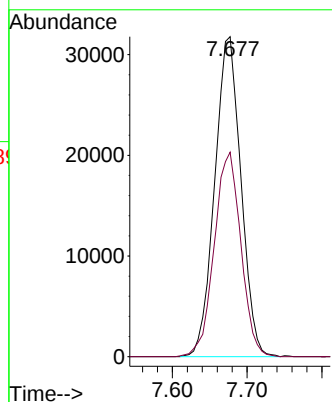
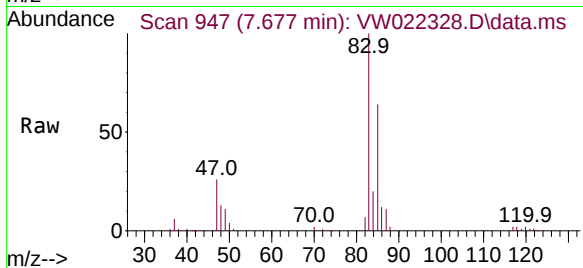
VSTD025584

Tgt Ion: 83 Resp: 77698

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9



#27

1,2-Dichloroethane

Concen: 27.780 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW022328.D

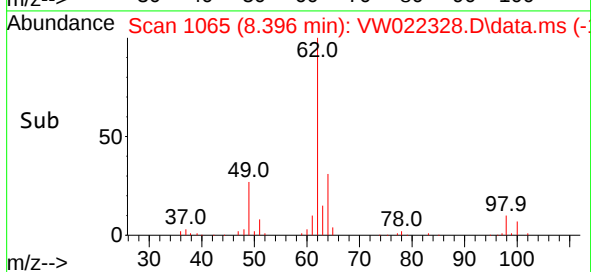
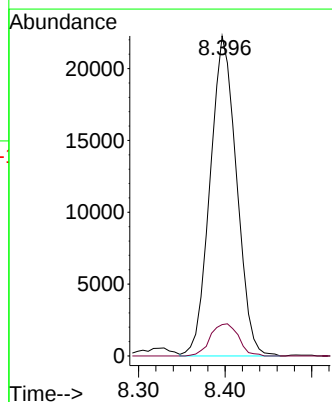
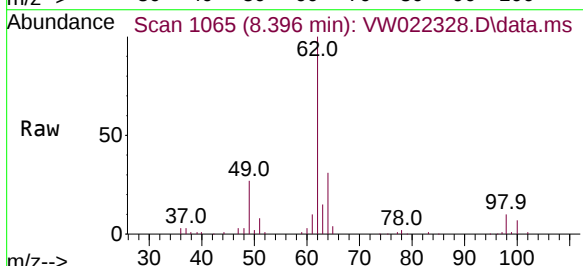
Acq: 14 Mar 2022 18:25

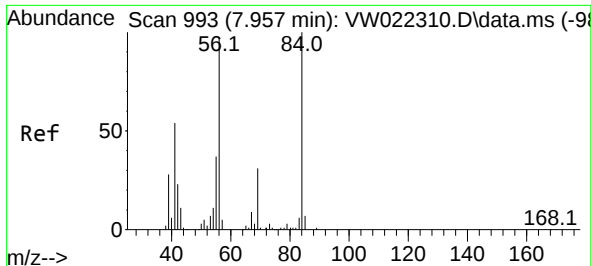
Tgt Ion: 62 Resp: 47311

Ion Ratio Lower Upper

62 100

98 9.8 7.9 11.9

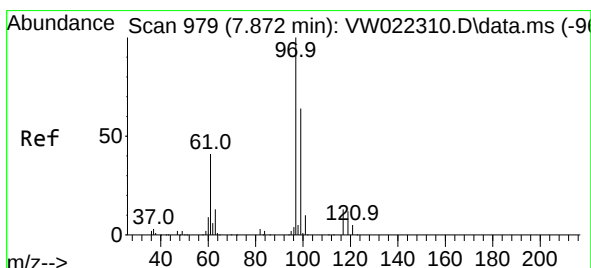
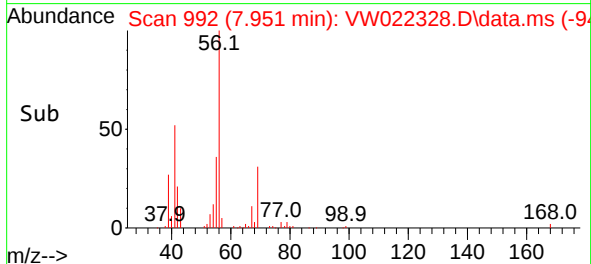
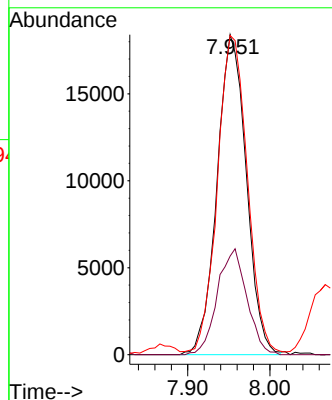
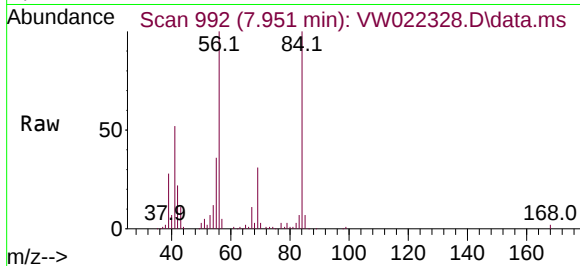




#29
Cyclohexane
Concen: 22.228 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

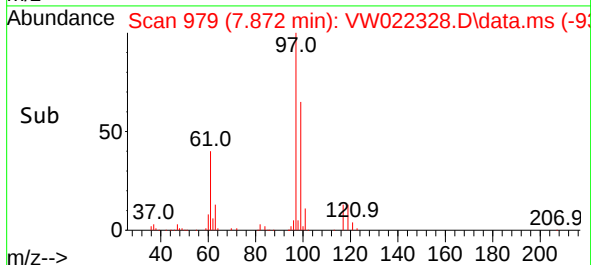
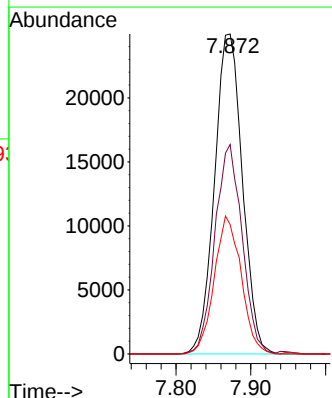
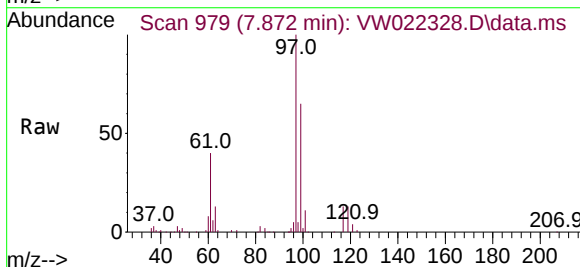
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

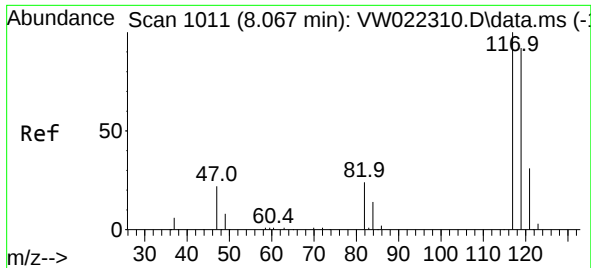
Tgt Ion:	56	Resp:	45506
Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.3	39.5
84	102.7	81.4	122.2



#30
1,1,1-Trichloroethane
Concen: 26.194 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion:	97	Resp:	64827
Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.6	78.8
61	41.6	33.0	49.6

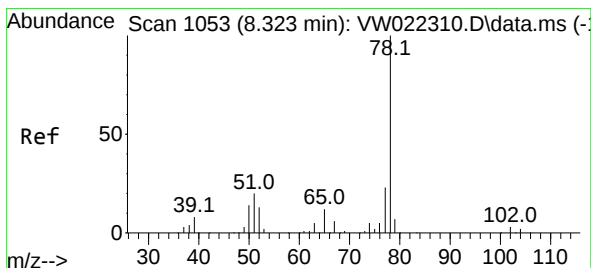
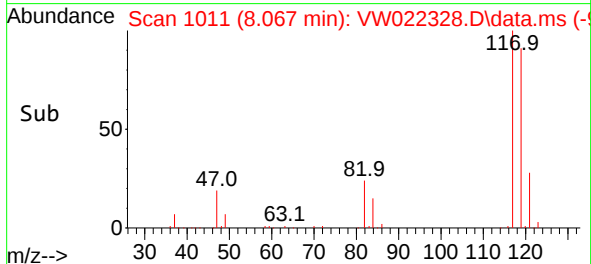
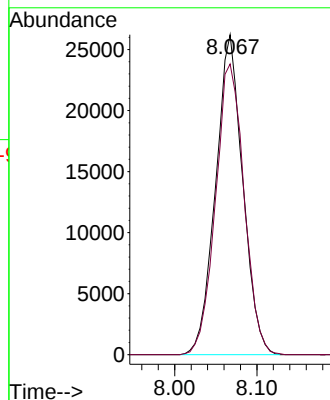
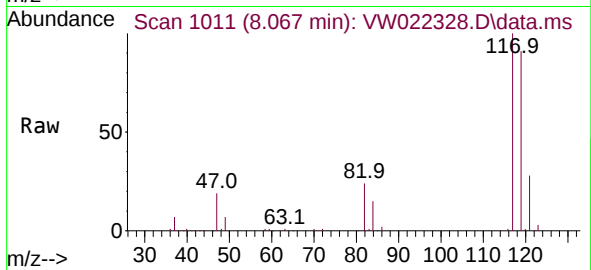




#31
Carbon tetrachloride
Concen: 25.538 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

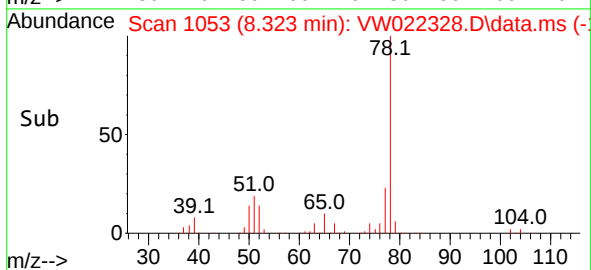
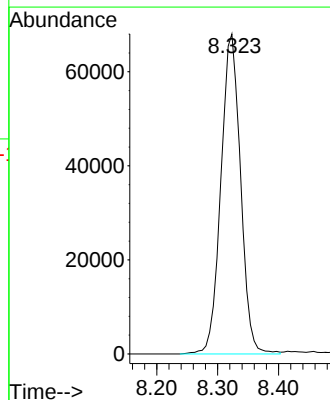
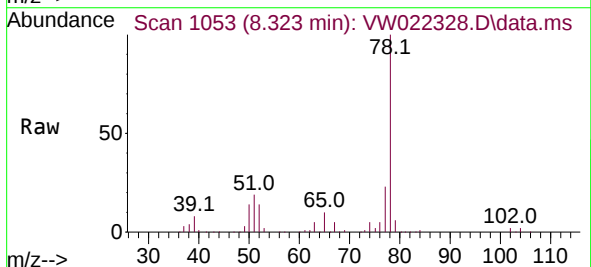
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

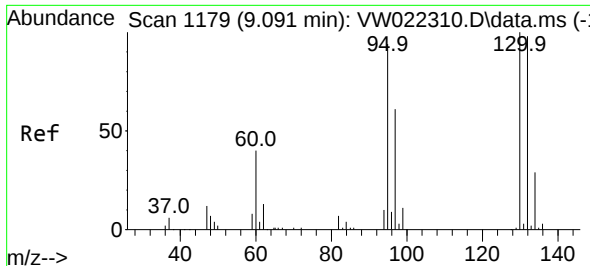
Tgt Ion:117 Resp: 60070
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1



#33
Benzene
Concen: 25.662 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 78 Resp: 152621



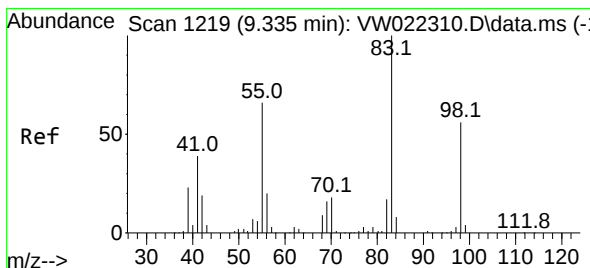
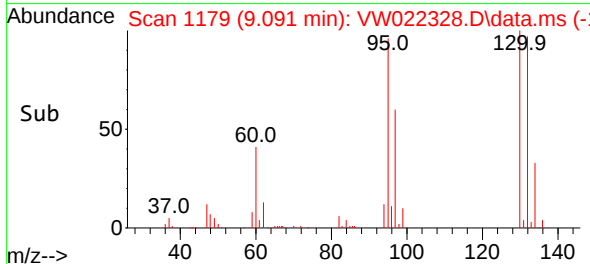
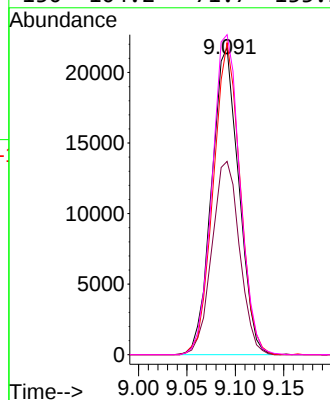
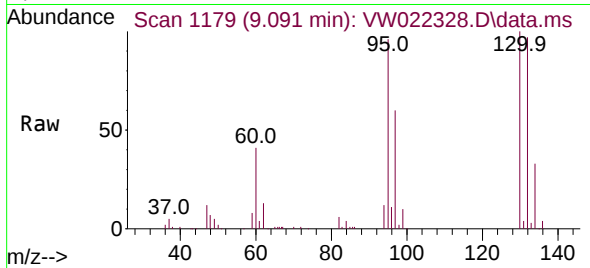


#34
Trichloroethene
Concen: 24.991 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Tgt Ion: 95 Resp: 42557

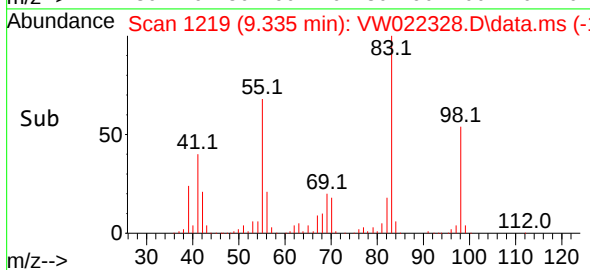
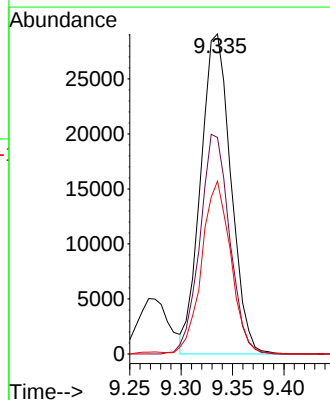
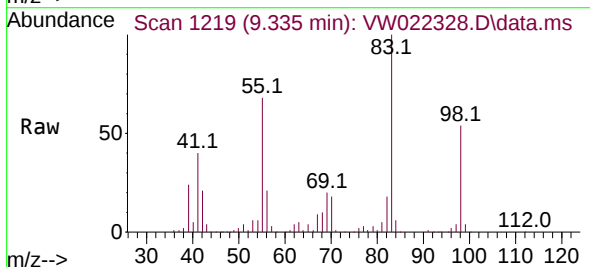
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.4	82.4
132	101.6	71.7	133.1
130	104.2	71.7	133.1

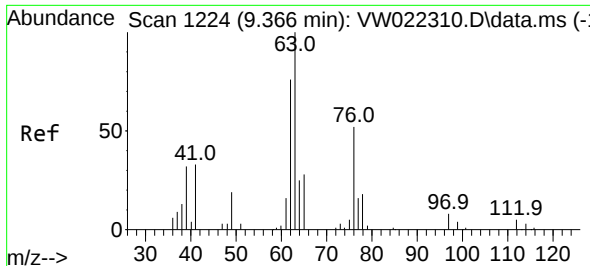


#35
Methylcyclohexane
Concen: 22.592 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 83 Resp: 59507

Ion	Ratio	Lower	Upper
83	100		
55	67.3	53.8	80.8
98	51.5	42.1	63.1





#37

1,2-Dichloropropane

Concen: 27.720 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

Instrument :

MSVOA_W

ClientSampleId :

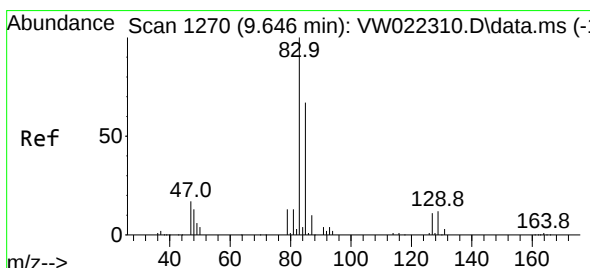
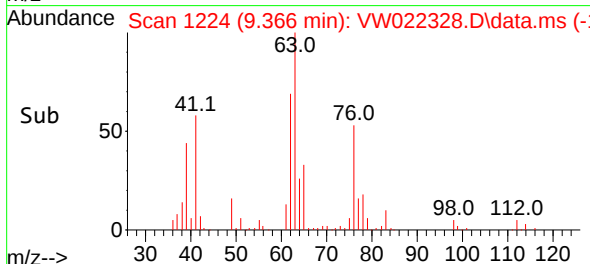
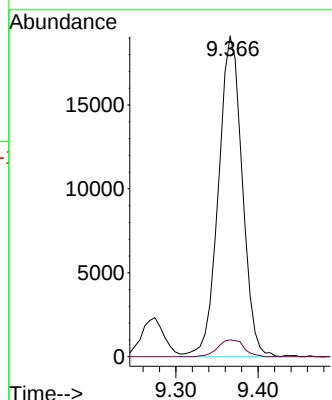
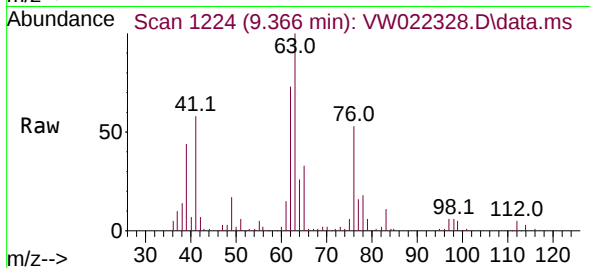
VSTD025584

Tgt Ion: 63 Resp: 38462

Ion Ratio Lower Upper

63 100

112 5.7 4.1 6.1



#38

Bromodichloromethane

Concen: 28.955 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

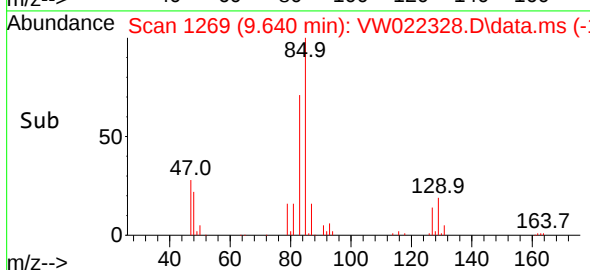
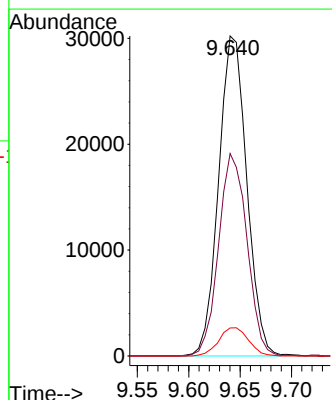
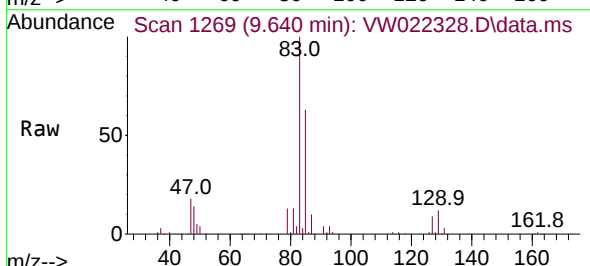
Tgt Ion: 83 Resp: 57612

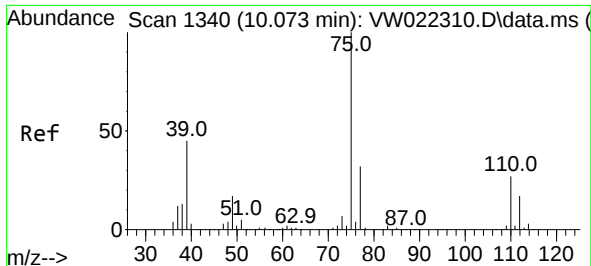
Ion Ratio Lower Upper

83 100

85 63.2 47.9 89.1

127 8.8 7.5 11.3

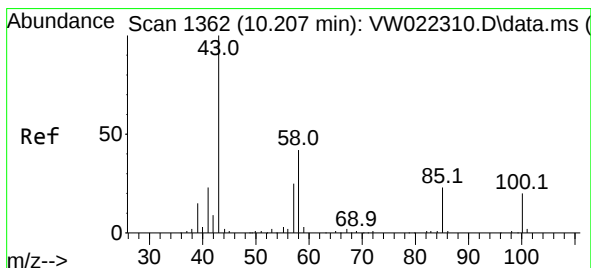
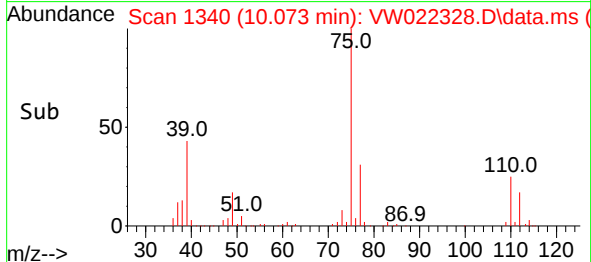
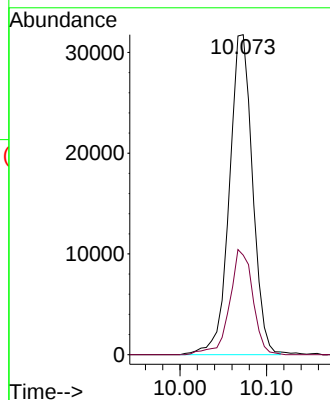
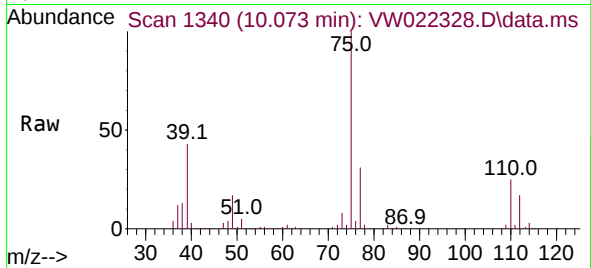




#39
cis-1,3-Dichloropropene
Concen: 28.051 ug/L
RT: 10.073 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

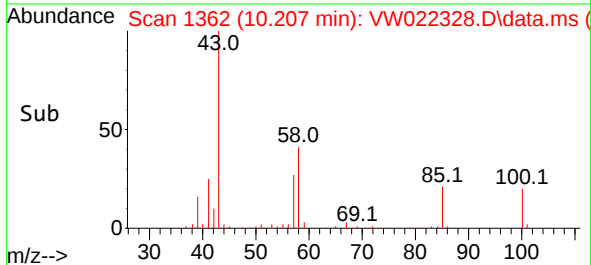
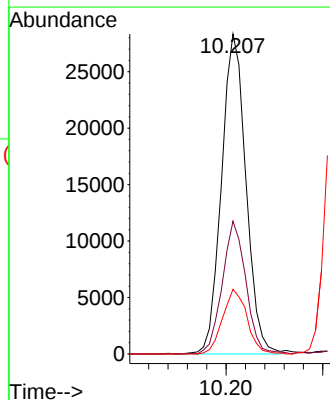
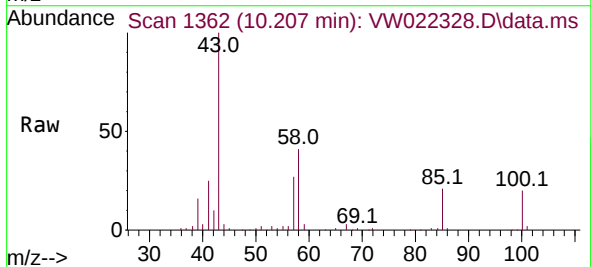
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

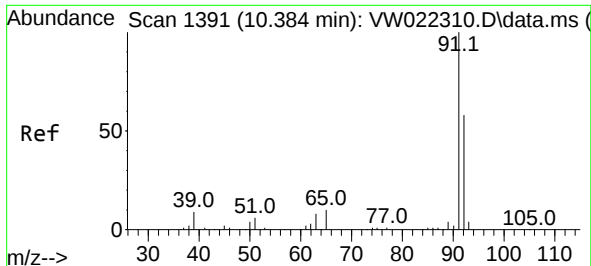
Tgt Ion: 75 Resp: 59162
Ion Ratio Lower Upper
75 100
77 31.1 20.6 38.2



#40
4-Methyl-2-pentanone
Concen: 66.368 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 43 Resp: 49729
Ion Ratio Lower Upper
43 100
58 40.1 33.2 49.8
100 20.2 16.1 24.1

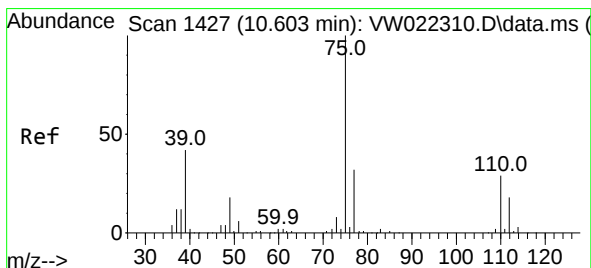
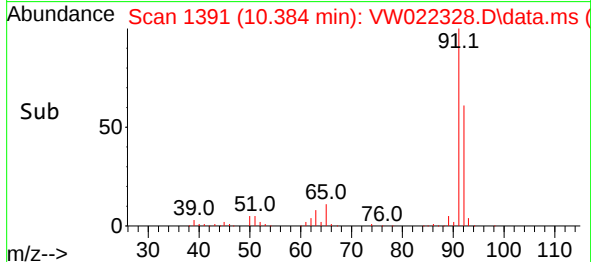
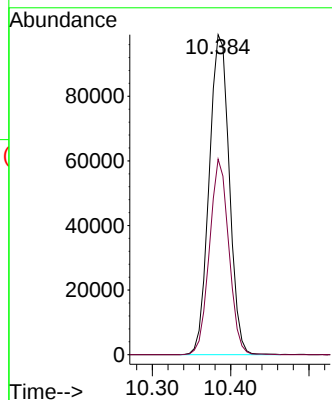
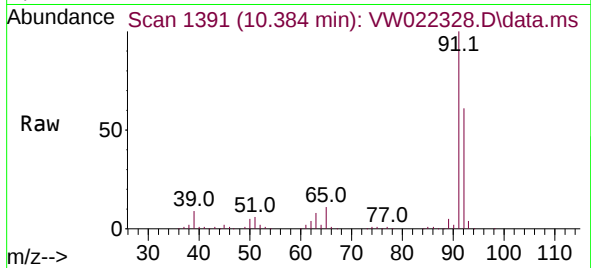




#42
Toluene
Concen: 26.225 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

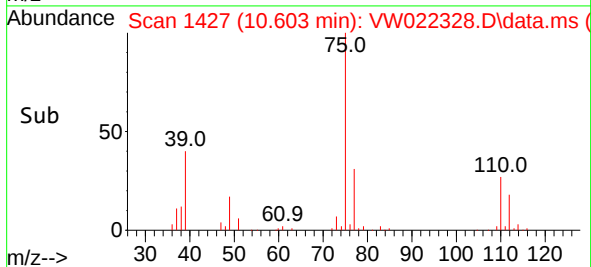
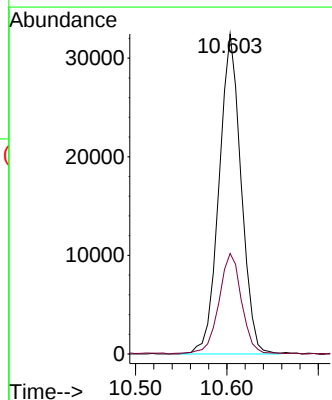
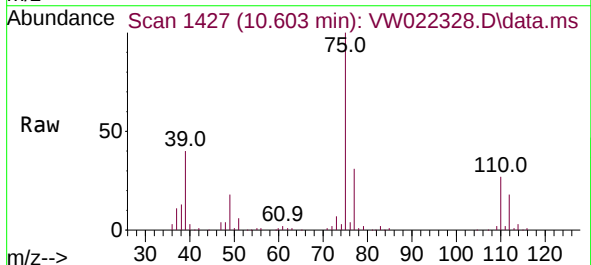
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

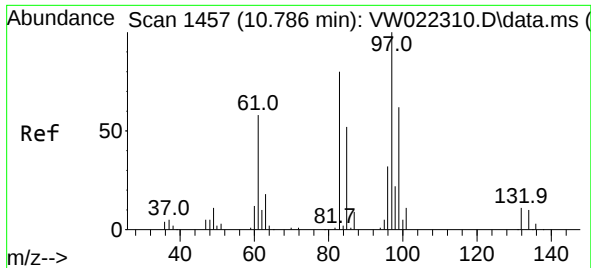
Tgt Ion: 91 Resp: 176529
Ion Ratio Lower Upper
91 100
92 61.1 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 28.714 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 75 Resp: 54420
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8

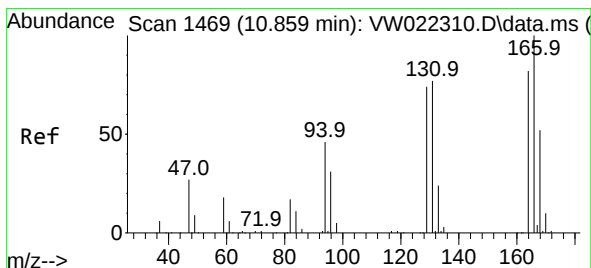
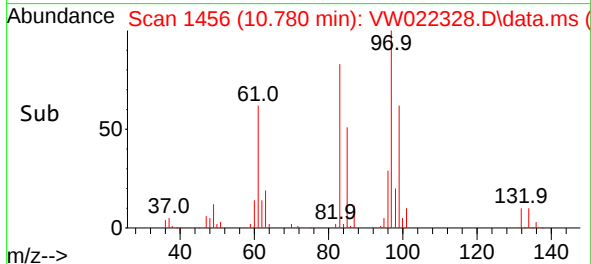
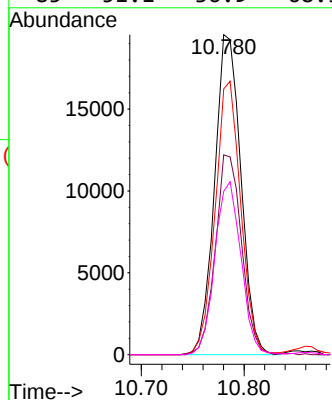
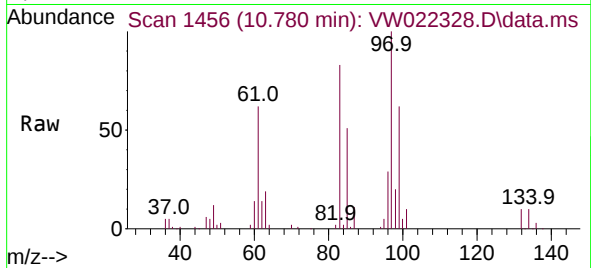




#45
1,1,2-Trichloroethane
Concen: 28.275 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

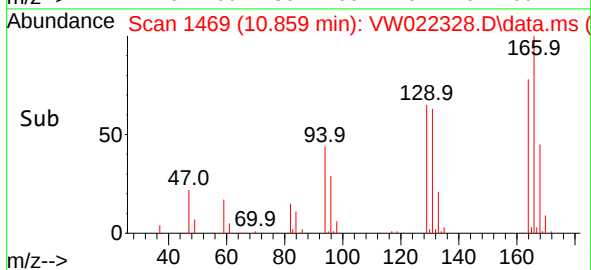
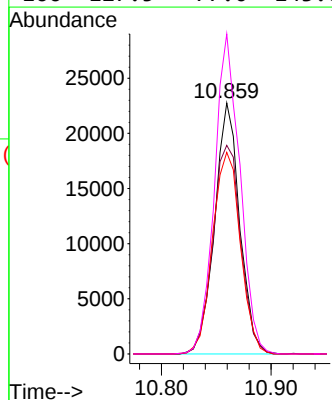
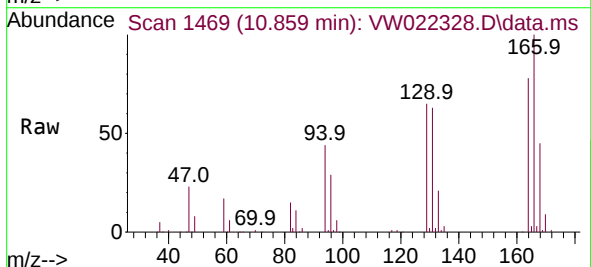
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

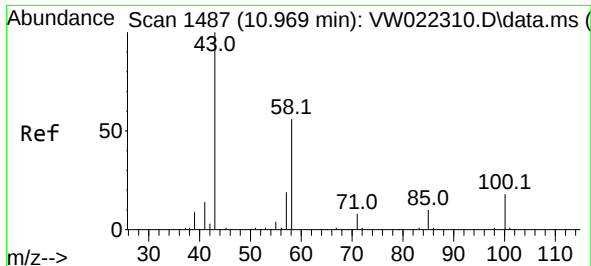
Tgt Ion: 97	Resp: 34788
Ion Ratio	Lower Upper
97 100	
99 62.5	43.5 80.7
83 83.1	53.5 99.3
85 51.1	36.9 68.5



#46
Tetrachloroethene
Concen: 24.213 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion:164	Resp: 36120
Ion Ratio	Lower Upper
164 100	
129 83.1	60.3 111.9
131 80.3	59.9 111.3
166 127.5	77.0 143.0

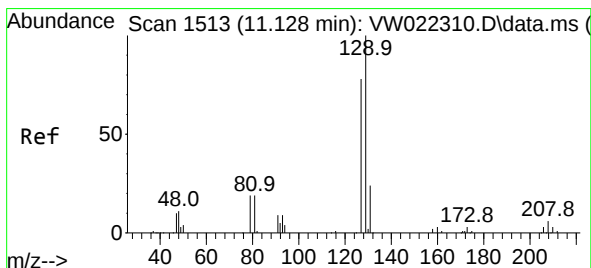
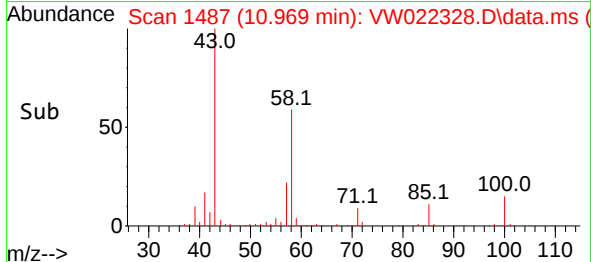
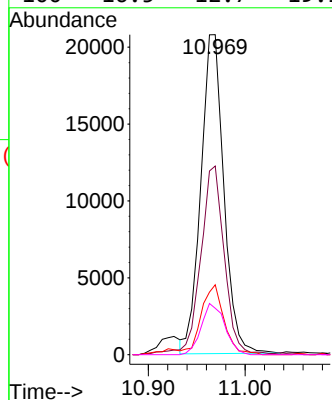
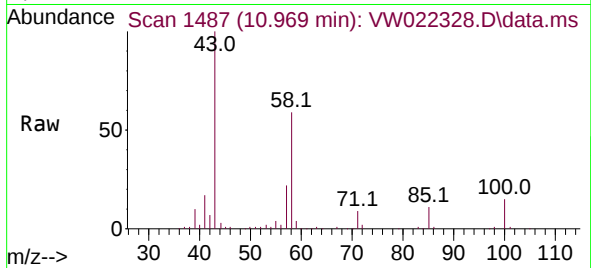




#48
2-Hexanone
Concen: 66.122 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

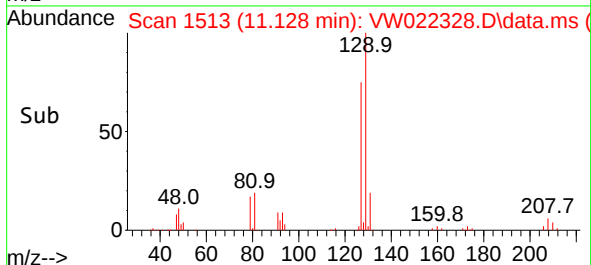
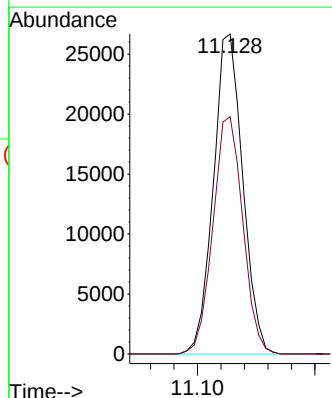
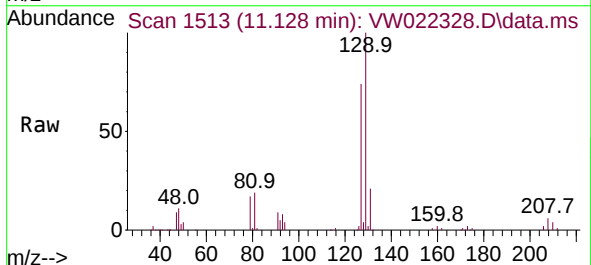
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

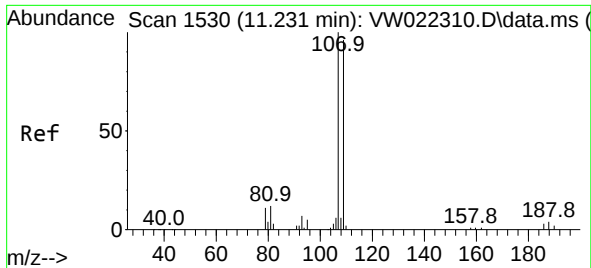
Tgt Ion:	43	Resp:	34387
Ion	Ratio	Lower	Upper
43	100		
58	60.6	44.6	66.8
57	21.7	15.8	23.8
100	16.5	12.7	19.1



#49
Dibromochloromethane
Concen: 30.985 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion:	129	Resp:	46306
Ion	Ratio	Lower	Upper
129	100		
127	74.2	54.5	101.1

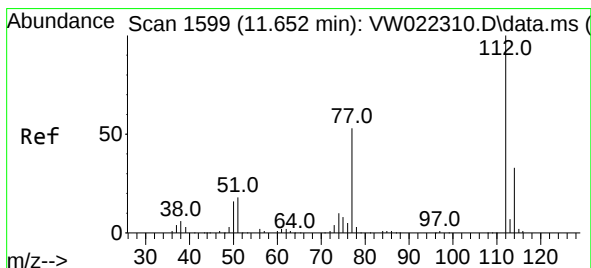
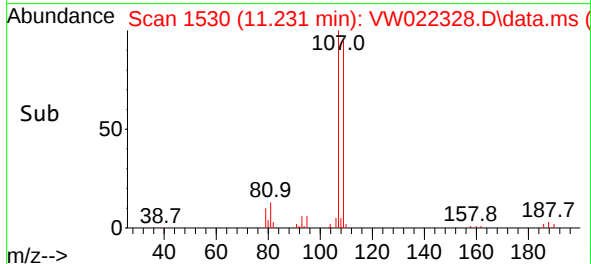
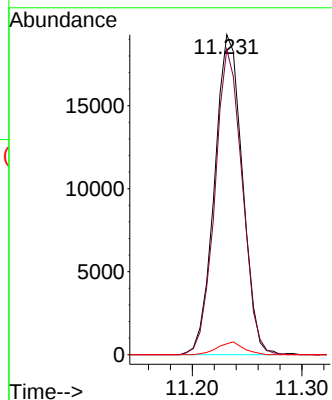
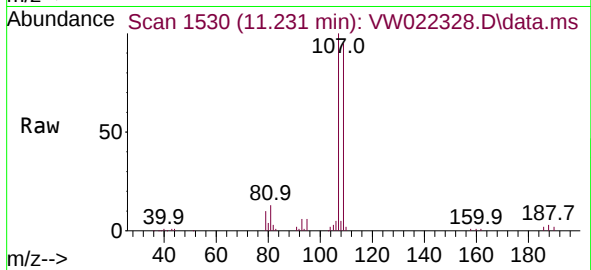




#50
1,2-Dibromoethane
Concen: 28.713 ug/L
RT: 11.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

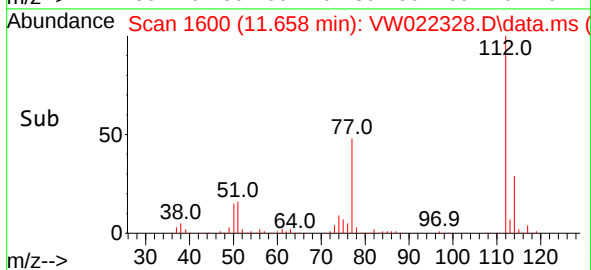
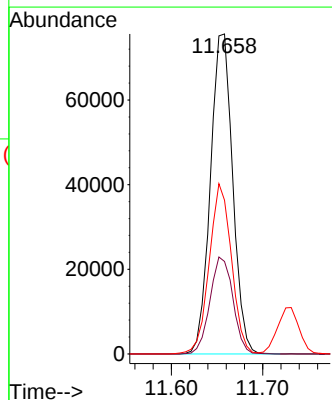
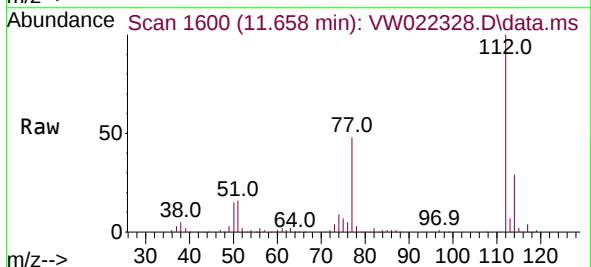
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

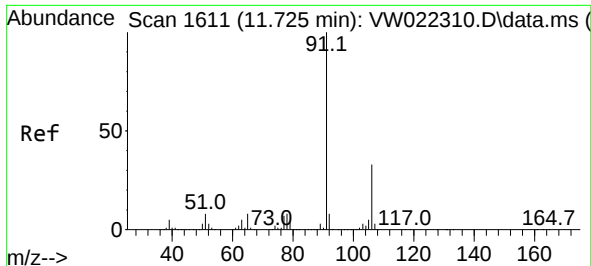
Tgt Ion:107 Resp: 34074
Ion Ratio Lower Upper
107 100
109 95.4 66.8 124.2
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 27.318 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion:112 Resp: 127978
Ion Ratio Lower Upper
112 100
114 28.9 23.0 42.8
77 48.1 41.8 62.6

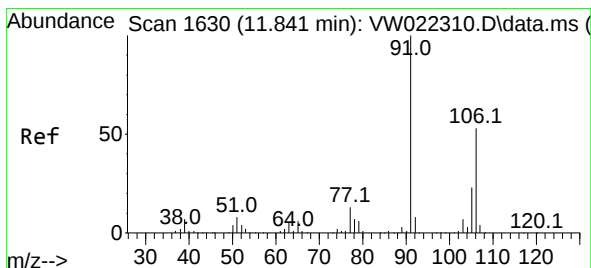
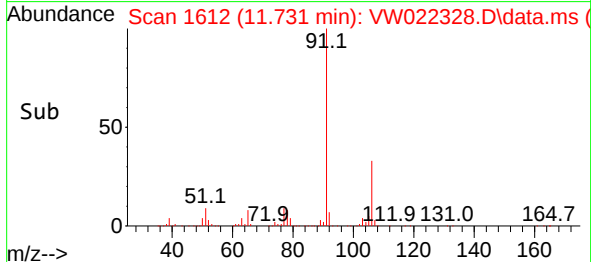
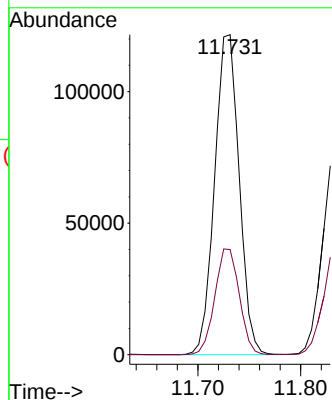
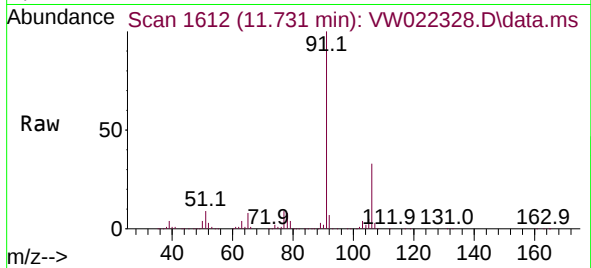




#52
Ethylbenzene
Concen: 27.044 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

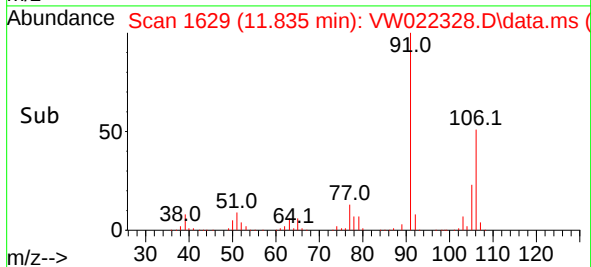
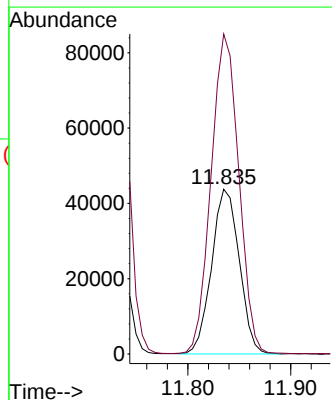
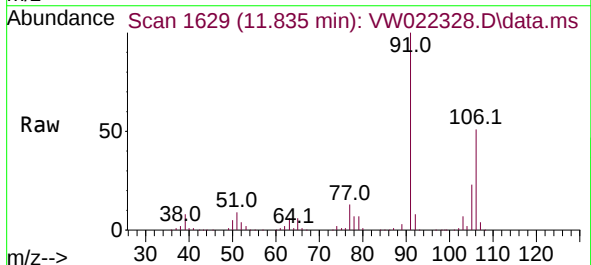
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

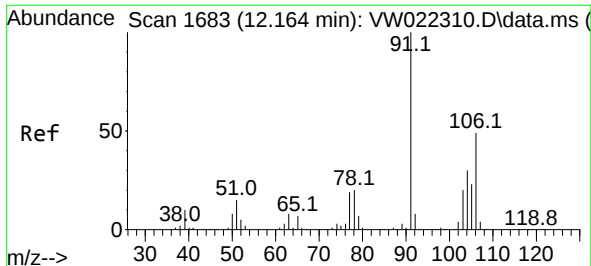
Tgt Ion: 91 Resp: 201470
Ion Ratio Lower Upper
91 100
106 32.9 22.8 42.4



#53
m,p-Xylene
Concen: 26.679 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion:106 Resp: 81781
Ion Ratio Lower Upper
106 100
91 194.2 135.0 250.8

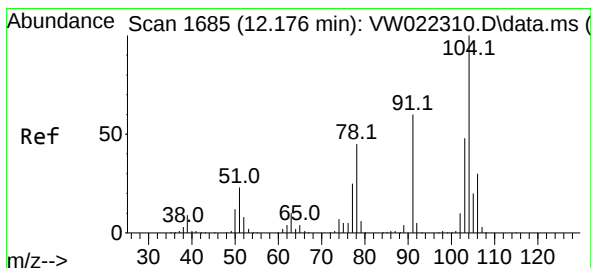
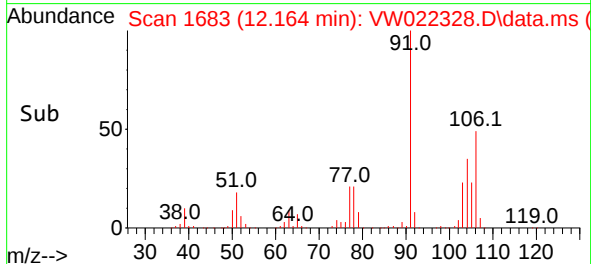
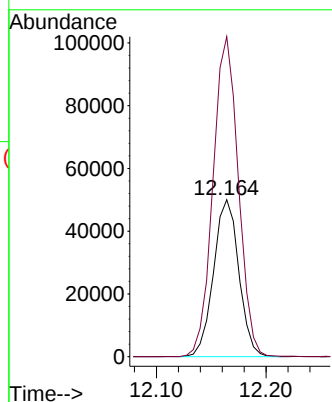
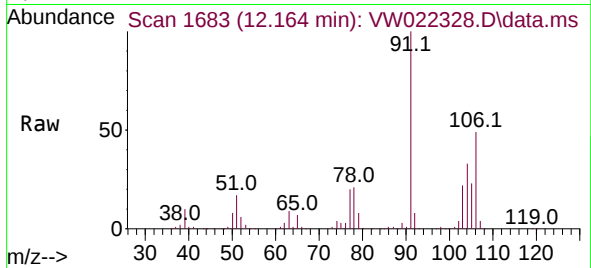




#54
o-Xylene
Concen: 27.811 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

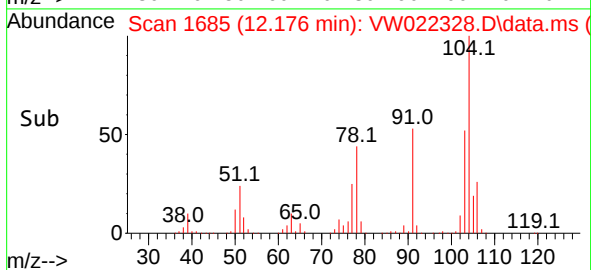
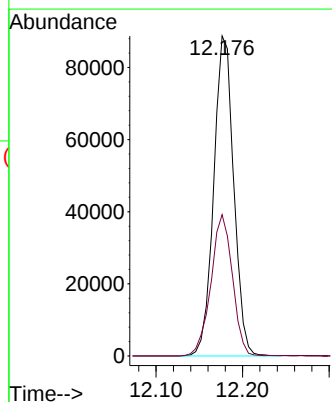
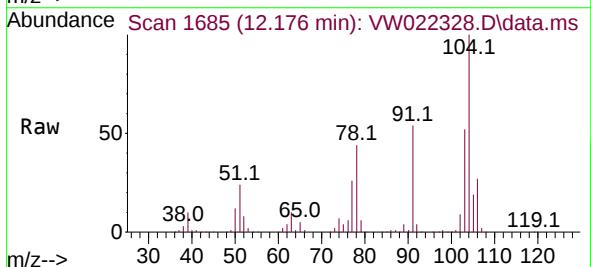
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

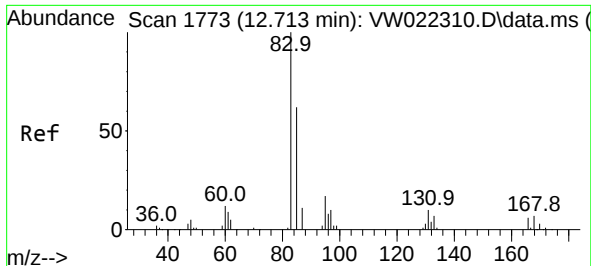
Tgt Ion:106 Resp: 80215
Ion Ratio Lower Upper
106 100
91 203.9 136.9 254.3



#55
Styrene
Concen: 29.444 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion:104 Resp: 142370
Ion Ratio Lower Upper
104 100
78 44.2 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 32.220 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

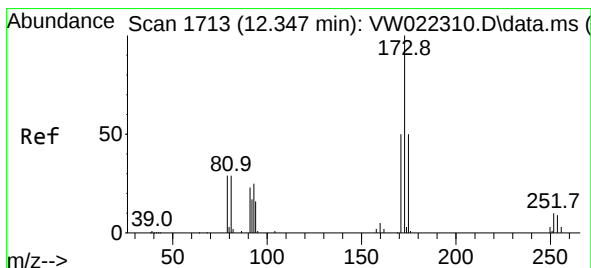
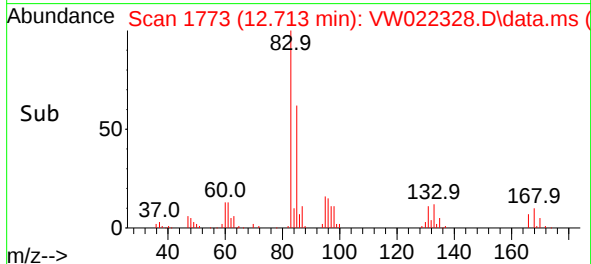
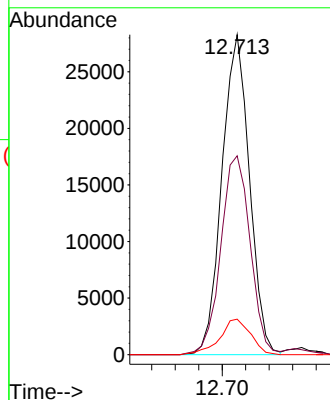
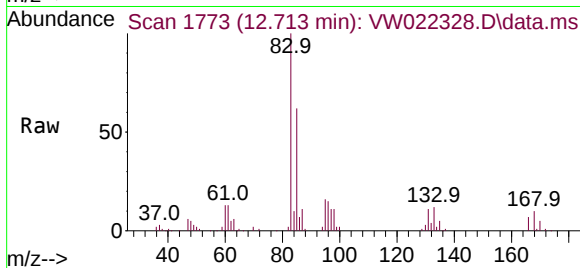
Tgt Ion: 83 Resp: 45996

Ion Ratio Lower Upper

83 100

85 62.1 44.2 82.0

131 11.1 9.4 14.0



#59

Bromoform

Concen: 26.791 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

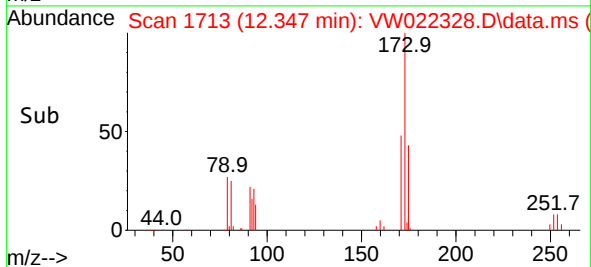
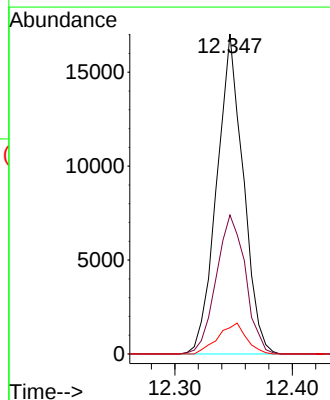
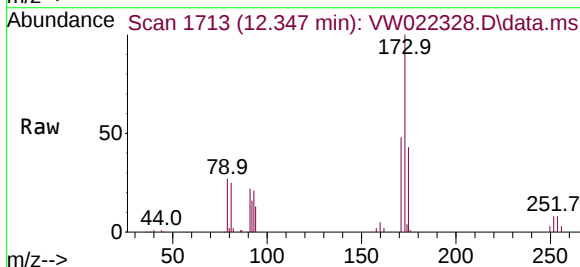
Tgt Ion:173 Resp: 26658

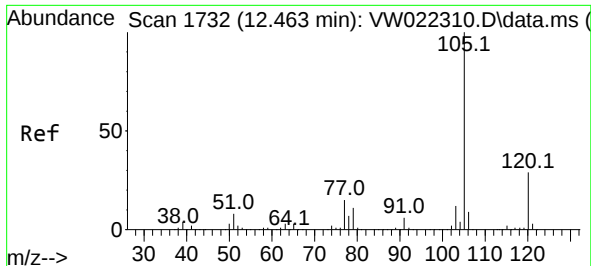
Ion Ratio Lower Upper

173 100

175 47.9 38.2 57.4

254 10.3 5.0 7.6#

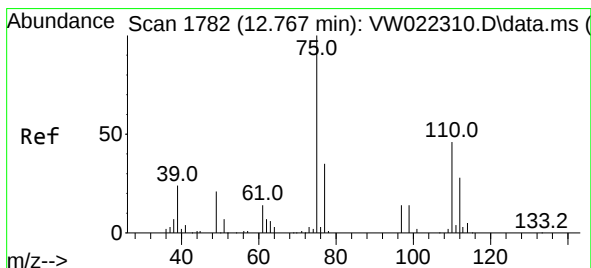
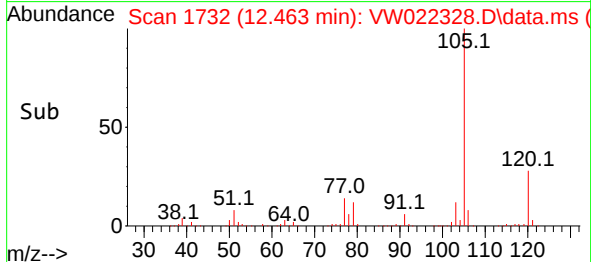
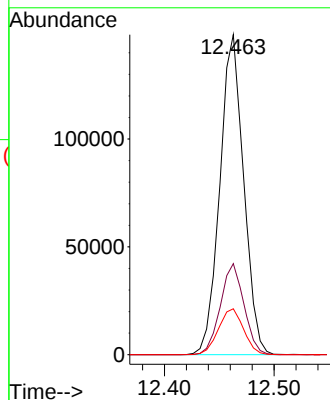
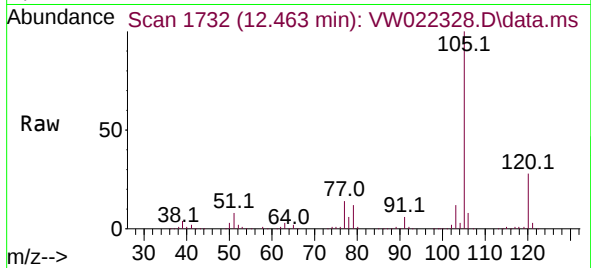




#60
Isopropylbenzene
Concen: 24.813 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

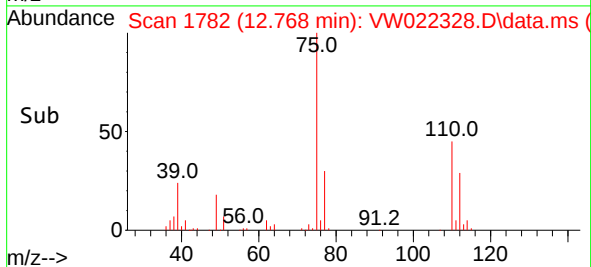
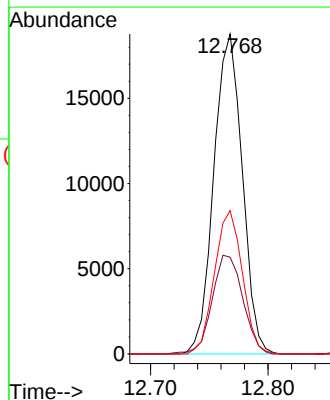
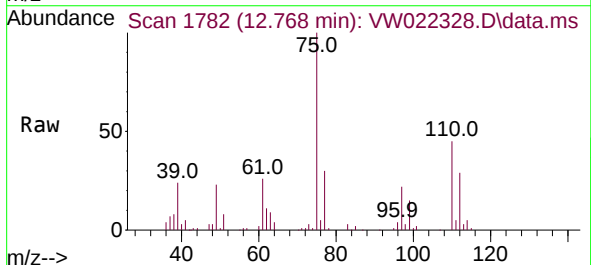
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

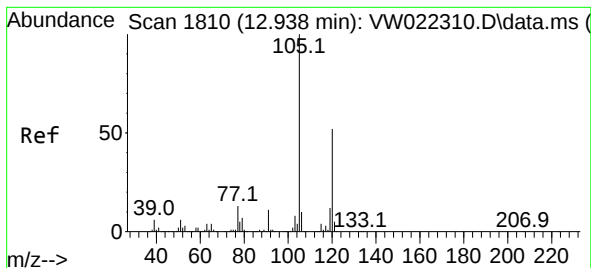
Tgt Ion:105 Resp: 224127
Ion Ratio Lower Upper
105 100
120 28.2 22.1 33.1
77 15.2 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 26.597 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion: 75 Resp: 31586
Ion Ratio Lower Upper
75 100
77 33.3 27.1 40.7
110 44.0 36.7 55.1

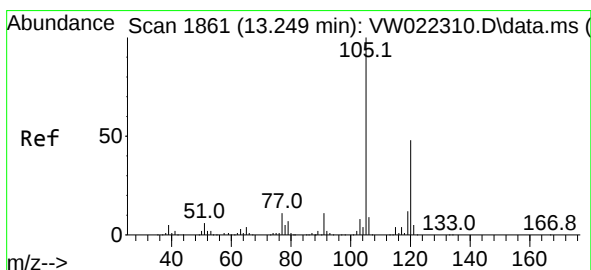
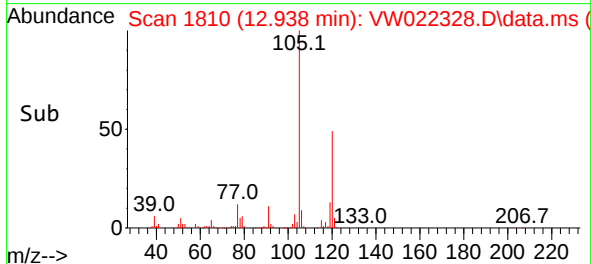
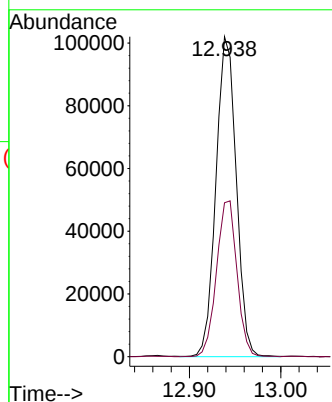
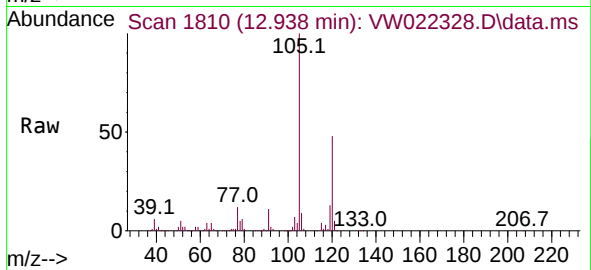




#62
 1,3,5-Trimethylbenzene
 Concen: 26.237 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

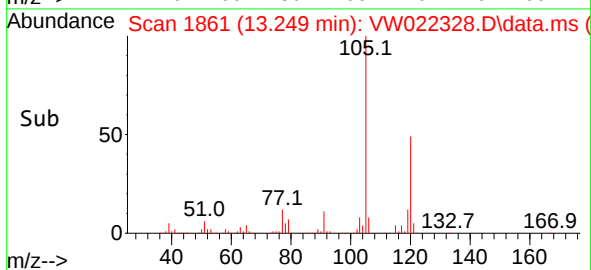
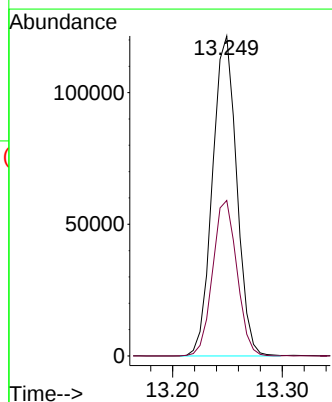
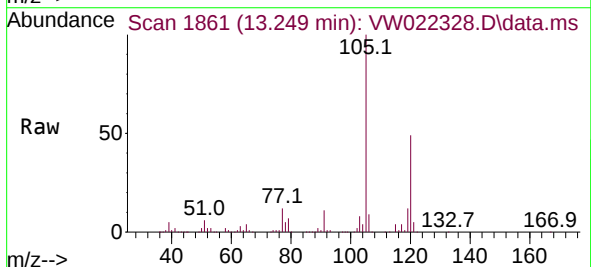
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025584

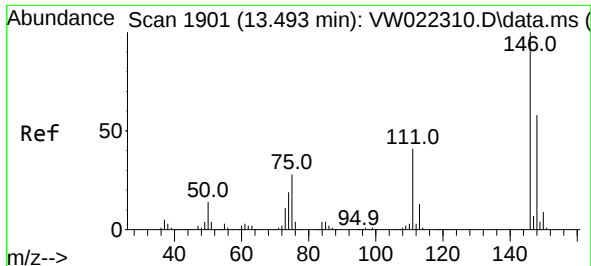
Tgt Ion:105 Resp: 157586
 Ion Ratio Lower Upper
 105 100
 120 49.1 41.5 62.3



#63
 1,2,4-Trimethylbenzene
 Concen: 25.413 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

Tgt Ion:105 Resp: 186544
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.2 58.8

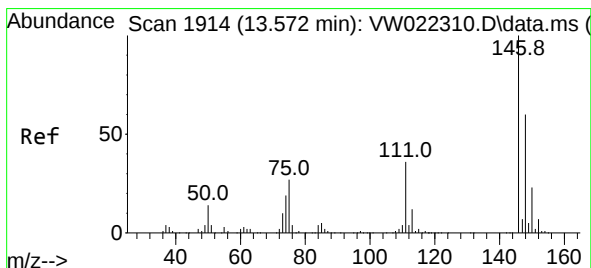
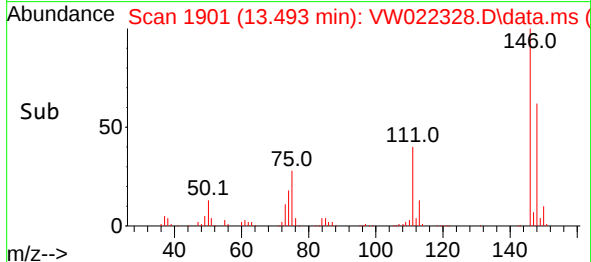
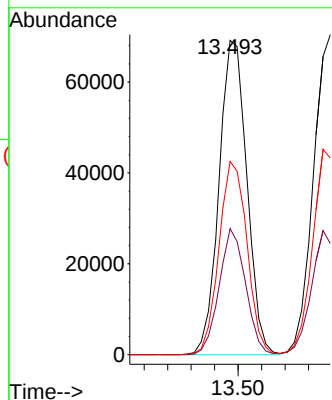
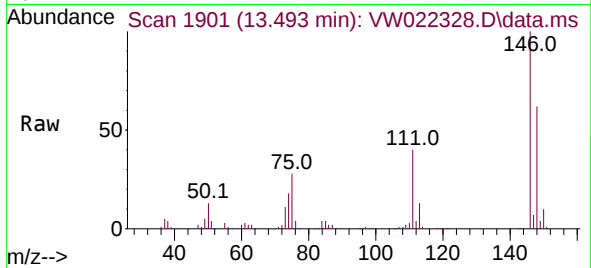




#64
1,3-Dichlorobenzene
Concen: 25.422 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

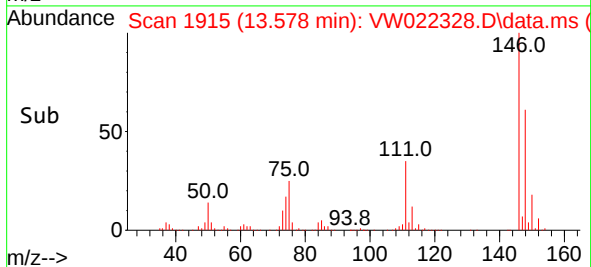
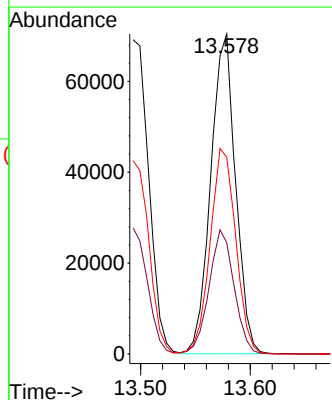
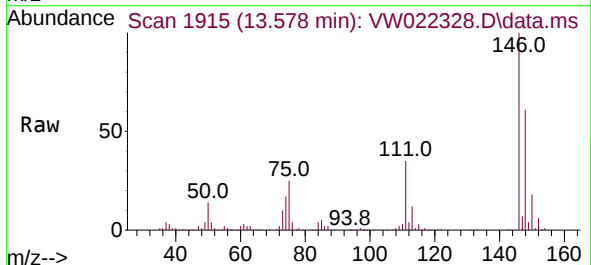
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

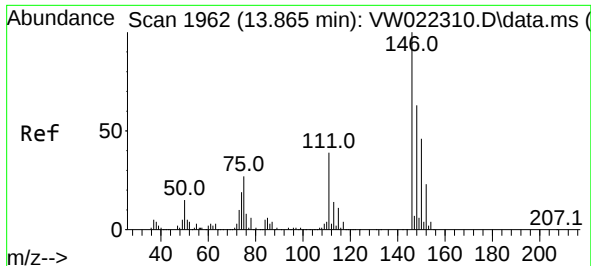
Tgt Ion:146 Resp: 113912
Ion Ratio Lower Upper
146 100
111 40.1 26.9 49.9
148 61.5 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 24.662 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion:146 Resp: 110736
Ion Ratio Lower Upper
146 100
111 34.8 27.5 51.1
148 61.5 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.984 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

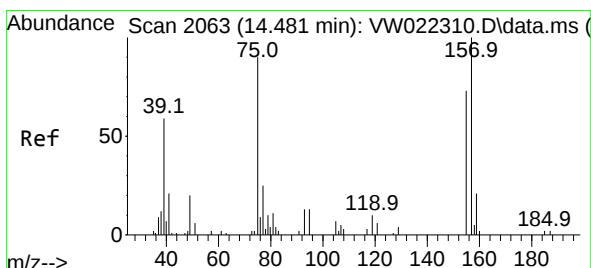
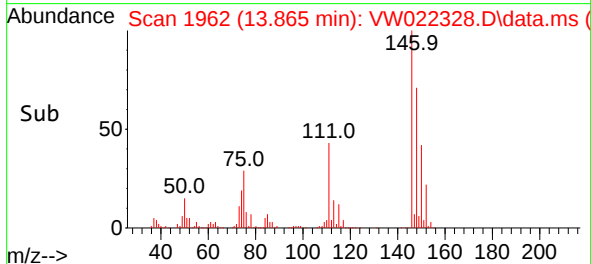
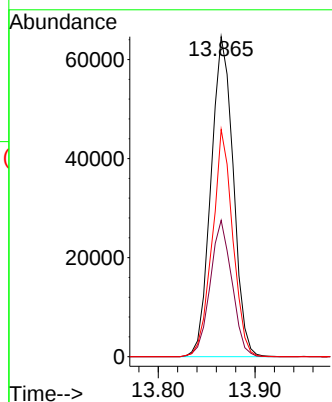
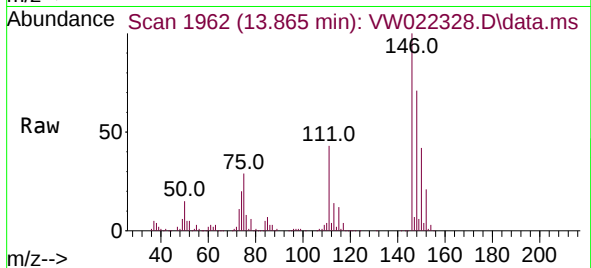
Tgt Ion:146 Resp: 103515

Ion Ratio Lower Upper

146 100

111 42.6 34.8 52.2

148 71.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 28.245 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022328.D

Acq: 14 Mar 2022 18:25

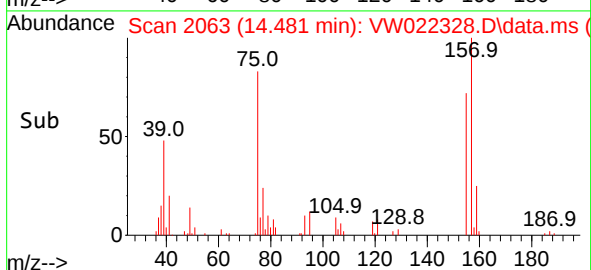
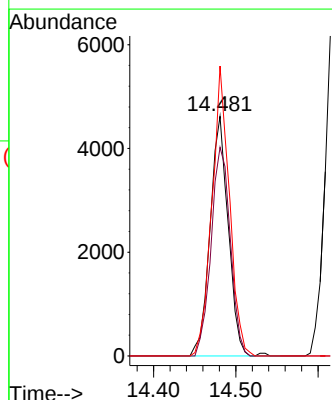
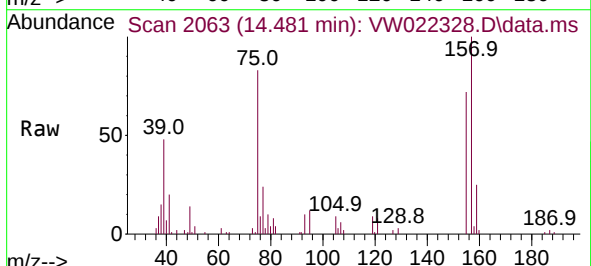
Tgt Ion: 75 Resp: 7091

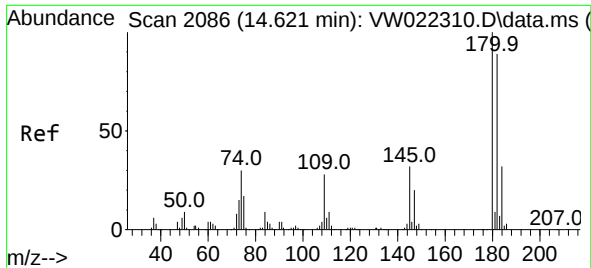
Ion Ratio Lower Upper

75 100

155 87.1 58.2 87.2

157 121.0 80.5 120.7#

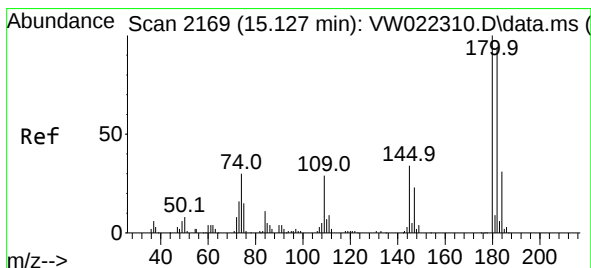
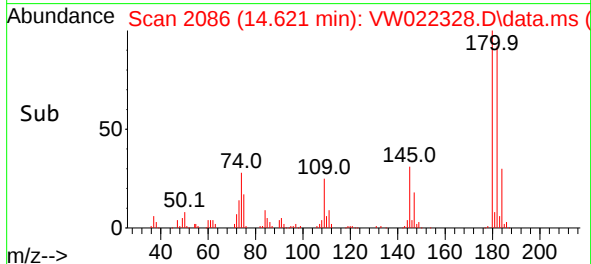
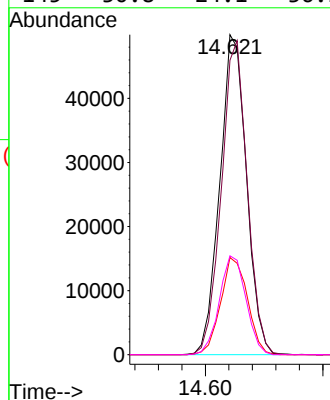
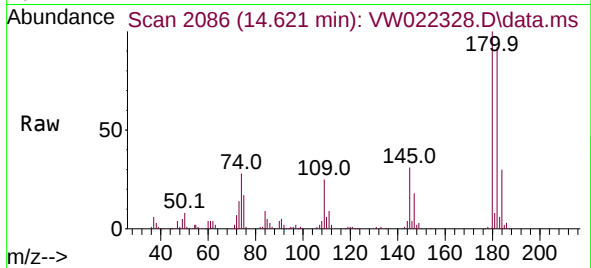




#69
 1,3,5-Trichlorobenzene
 Concen: 24.493 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

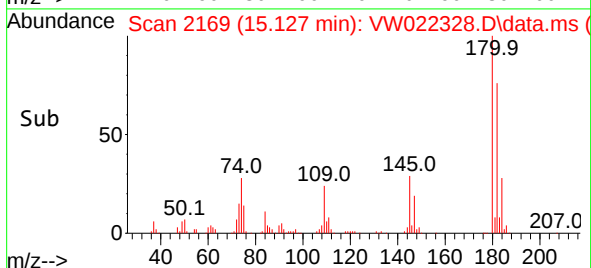
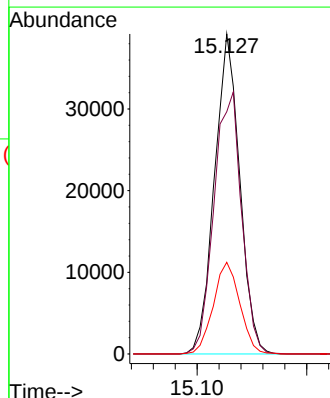
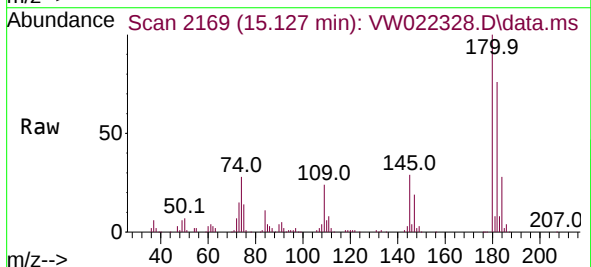
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025584

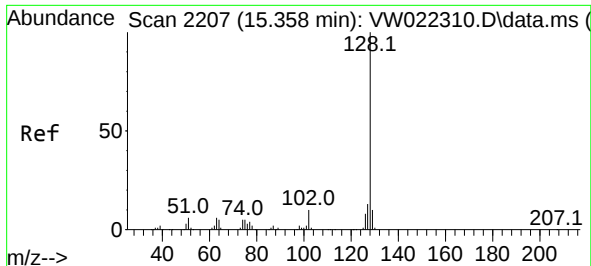
Tgt Ion:	180	Resp:	78771
Ion Ratio	Lower	Upper	
180	100		
182	94.9	69.4	104.0
184	30.5	21.8	32.8
145	30.8	24.1	36.1



#70
 1,2,4-trichlorobenzene
 Concen: 25.755 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022328.D
 Acq: 14 Mar 2022 18:25

Tgt Ion:	180	Resp:	62673
Ion Ratio	Lower	Upper	
180	100		
182	89.3	77.8	116.6
145	30.1	25.8	38.6

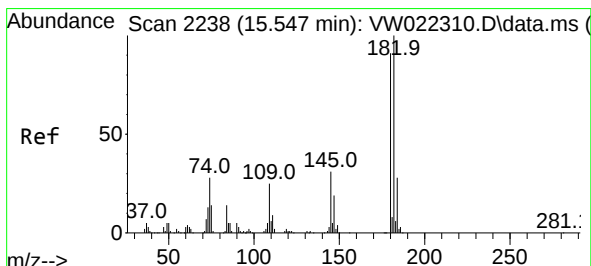
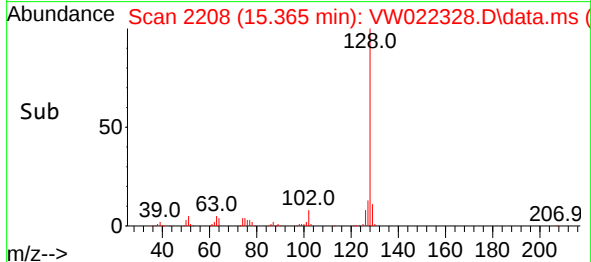
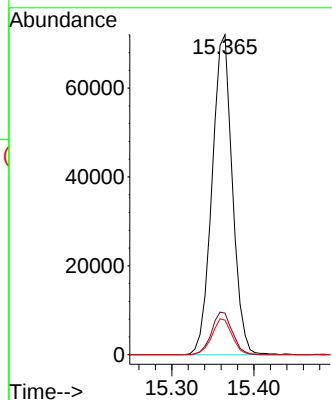
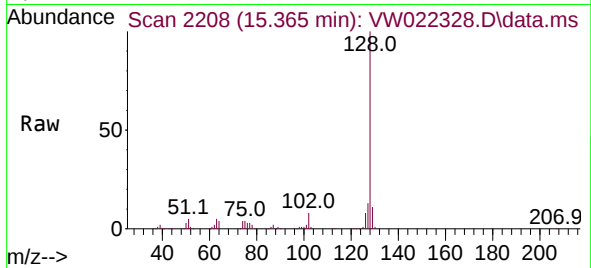




#71
Naphthalene
Concen: 28.716 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Tgt Ion:128 Resp: 123357
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.6
129 11.1 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.408 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW022328.D
Acq: 14 Mar 2022 18:25

Tgt Ion:180 Resp: 57688
Ion Ratio Lower Upper
180 100
182 92.9 79.0 118.4
145 32.7 28.0 42.0

