

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031622\
 Data File : VW022353.D
 Acq On : 16 Mar 2022 12:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

Quant Time: Mar 17 00:13:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 16 05:30:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	137649	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	133612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37266	20.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
7) Chloroethane-d5	2.879	69	32503	23.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
11) 1,1-Dichloroethene-d2	4.013	63	52973	19.267	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.080%
21) 2-Butanone-d5	7.074	46	18540	61.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.840%
24) Chloroform-d	7.647	84	73968	24.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.320%
26) 1,2-Dichloroethane-d4	8.305	65	38136	23.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.560%
32) Benzene-d6	8.268	84	133679	21.498	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	9.274	67	40061	23.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.323	98	132560	21.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.760%
43) trans-1,3-Dichloroprop...	10.573	79	17561	22.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.920	63	16504	58.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42966	28.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	58330	22.407	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	12111	31.482	ug/L	95
3) Chloromethane	2.215	50	29134	22.101	ug/L	99
5) Vinyl chloride	2.355	62	46936	23.697	ug/L	98
6) Bromomethane	2.769	94	34136	24.677	ug/L	91
8) Chloroethane	2.910	64	29441	26.460	ug/L	98
9) Trichlorofluoromethane	3.251	101	27216	20.239	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41480	25.283	ug/L	95
12) 1,1-Dichloroethene	4.038	96	32696	22.994	ug/L	97
13) Acetone	4.123	43	14084	57.125	ug/L	96
14) Carbon disulfide	4.379	76	59824	16.228	ug/L	98
15) Methyl Acetate	4.665	43	15732	28.343	ug/L	97
16) Methylene chloride	4.915	84	39970	23.657	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	36109	23.121	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	64724	30.461	ug/L	99
19) 1,1-Dichloroethane	6.214	63	69956	27.668	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	44821	26.493	ug/L	97
22) 2-Butanone	7.171	43	22083	62.352	ug/L	95
23) Bromochloromethane	7.506	128	22383	27.083	ug/L	94
25) Chloroform	7.671	83	82984	28.129	ug/L	98

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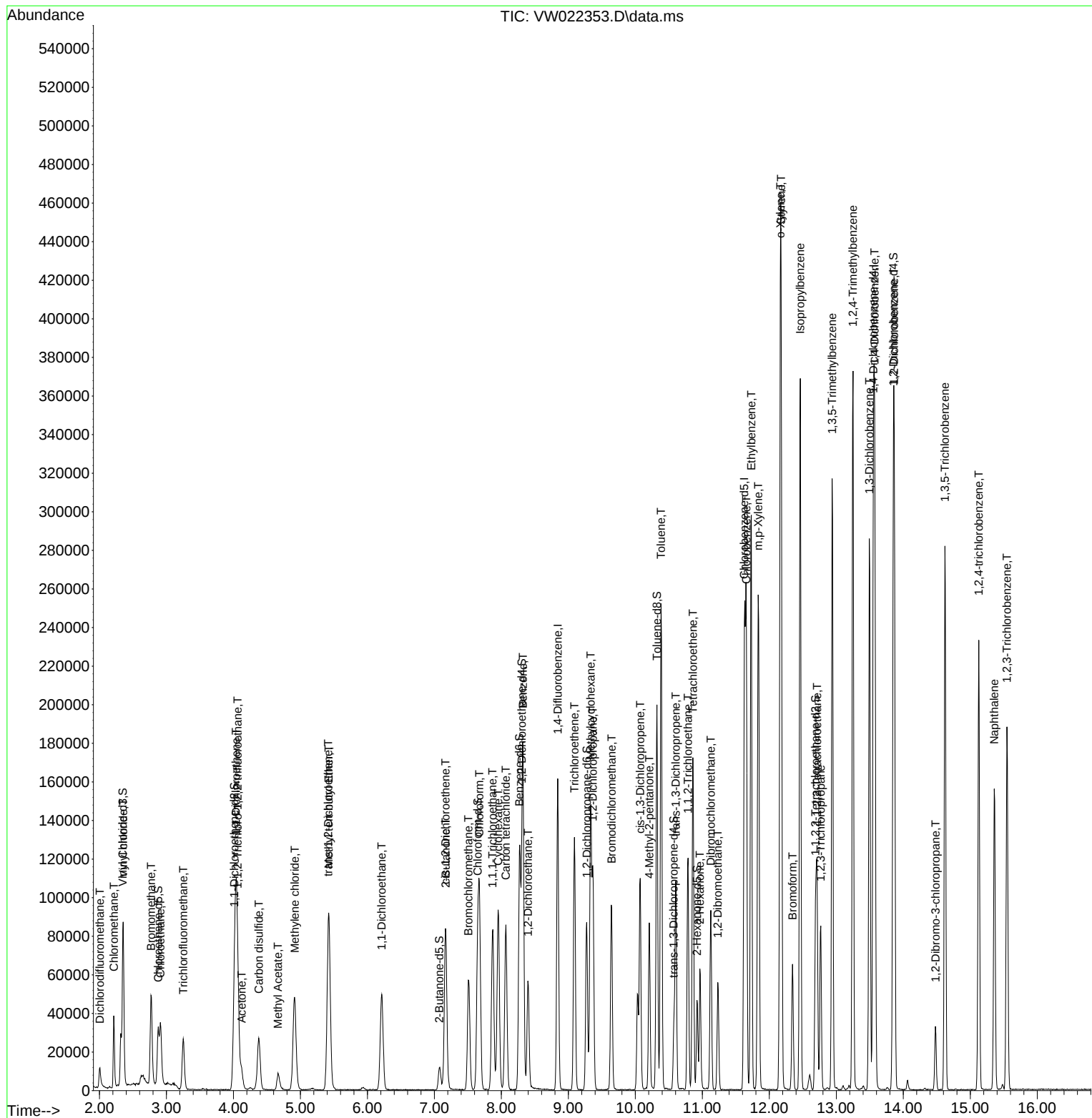
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	49973	27.502	ug/L	99
29) Cyclohexane	7.951	56	47440	21.335	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	67913	25.264	ug/L	100
31) Carbon tetrachloride	8.067	117	64454	25.229	ug/L	100
33) Benzene	8.323	78	160852	24.900	ug/L	100
34) Trichloroethene	9.091	95	44216	23.906	ug/L	93
35) Methylcyclohexane	9.335	83	63687	22.261	ug/L	99
37) 1,2-Dichloropropane	9.366	63	40654	26.976	ug/L	98
38) Bromodichloromethane	9.646	83	62055	28.714	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	63281	27.624	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	50222	61.709	ug/L	100
42) Toluene	10.384	91	185691	25.398	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	57239	27.805	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	37843	28.318	ug/L	98
46) Tetrachloroethene	10.859	164	37950	23.422	ug/L	92
48) 2-Hexanone	10.963	43	36324	64.307	ug/L	96
49) Dibromochloromethane	11.128	129	48250	29.724	ug/L	99
50) 1,2-Dibromoethane	11.231	107	35427	27.485	ug/L	96
51) Chlorobenzene	11.658	112	135431	26.616	ug/L	97
52) Ethylbenzene	11.731	91	213999	26.447	ug/L	97
53) m,p-Xylene	11.835	106	89563	26.900	ug/L	93
54) o-Xylene	12.164	106	87397	27.897	ug/L	98
55) Styrene	12.176	104	150684	28.691	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	48016	30.967	ug/L	100
59) Bromoform	12.347	173	29728	27.736	ug/L #	98
60) Isopropylbenzene	12.463	105	238331	24.496	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	33705	26.348	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	167897	25.951	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	203959	25.796	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	123305	25.548	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	120606	24.936	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	108597	25.307	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	7502	27.741	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.621	180	84443	24.376	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	72204	27.547	ug/L	98
71) Naphthalene	15.359	128	135500	29.284	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	63557	28.034	ug/L	98

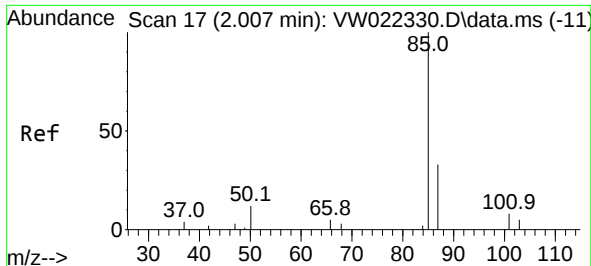
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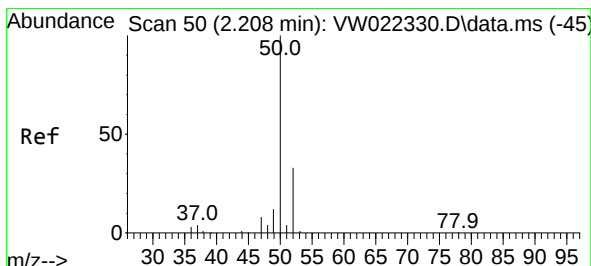
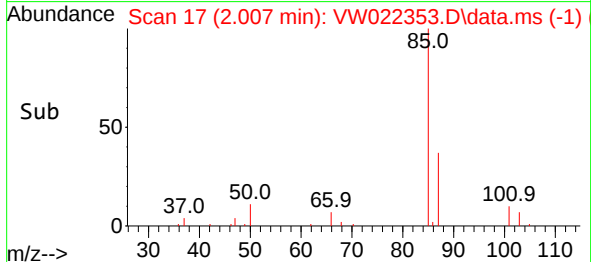
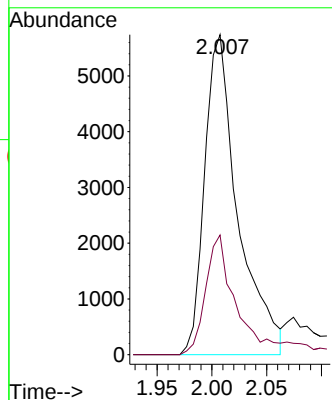
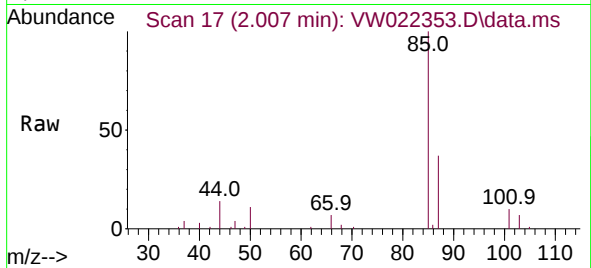




#2
 Dichlorodifluoromethane
 Concen: 31.482 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022353.D
 Acq: 16 Mar 2022 12:04

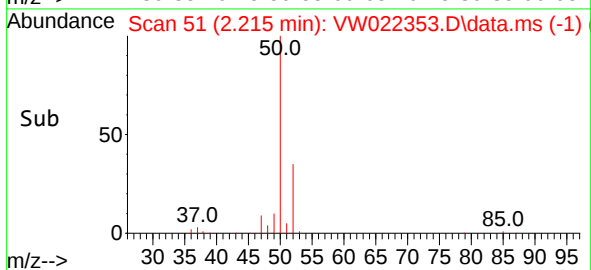
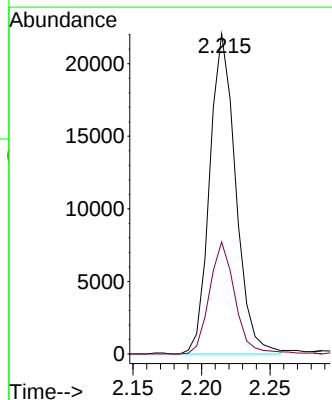
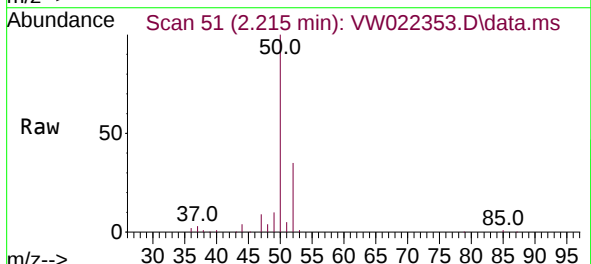
Instrument :
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 ClientSampleId :
 VSTD025587

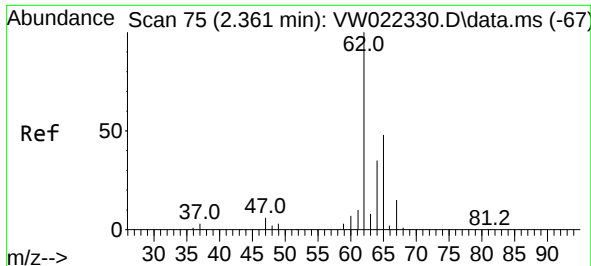
Tgt Ion: 85 Resp: 12111
 Ion Ratio Lower Upper
 85 100
 87 31.4 27.6 41.4



#3
 Chloromethane
 Concen: 22.101 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW022353.D
 Acq: 16 Mar 2022 12:04

Tgt Ion: 50 Resp: 29134
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.9 44.5

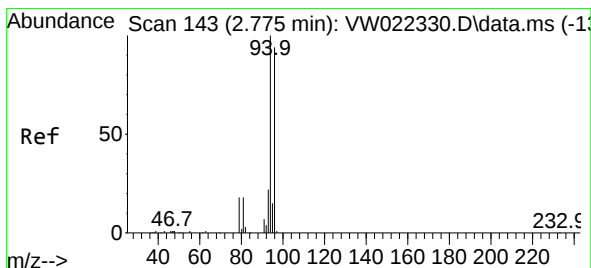
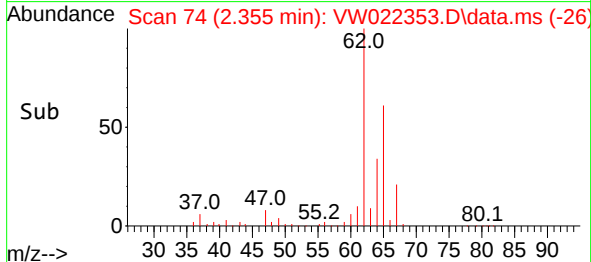
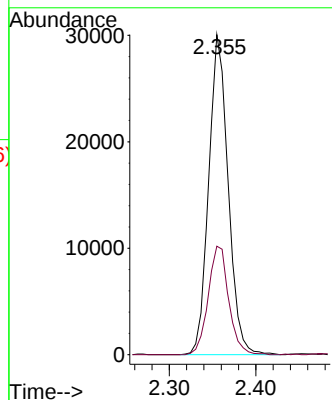
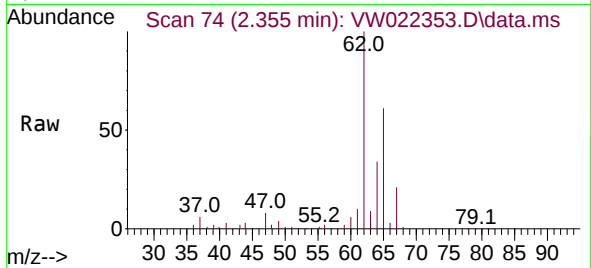




#5
 Vinyl chloride
 Concen: 23.697 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022353.D
 Acq: 16 Mar 2022 12:04

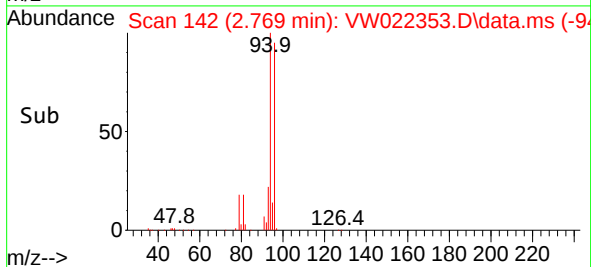
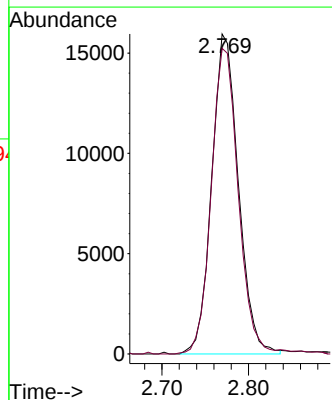
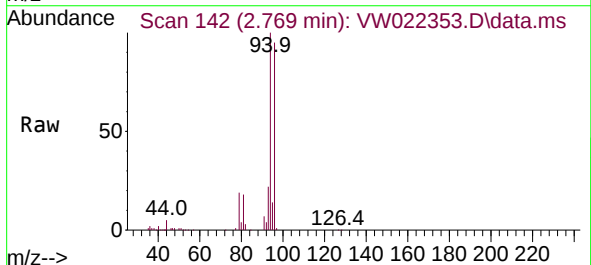
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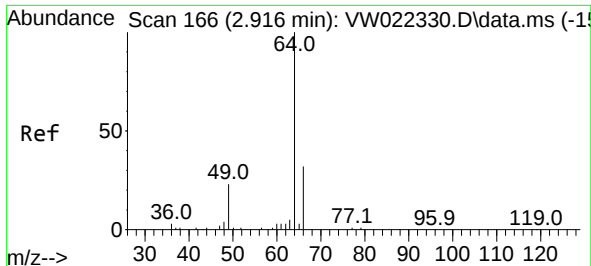
Tgt Ion: 62 Resp: 46936
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.7 45.9



#6
 Bromomethane
 Concen: 24.677 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW022353.D
 Acq: 16 Mar 2022 12:04

Tgt Ion: 94 Resp: 34136
 Ion Ratio Lower Upper
 94 100
 96 95.5 61.2 113.8

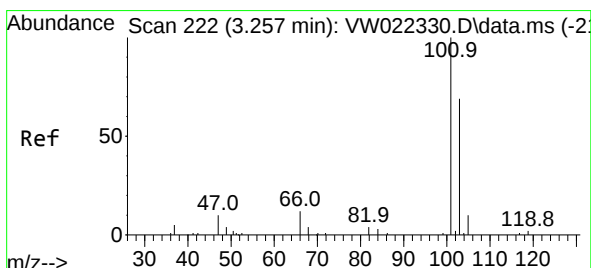
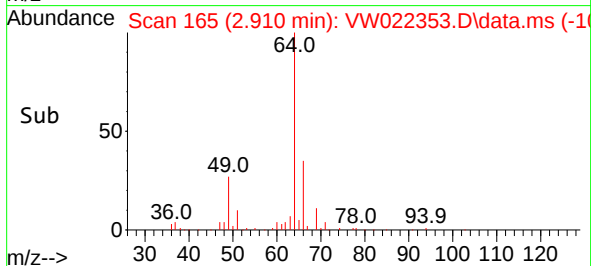
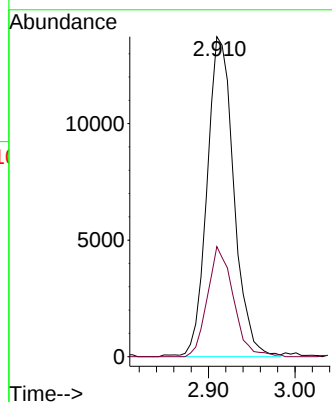
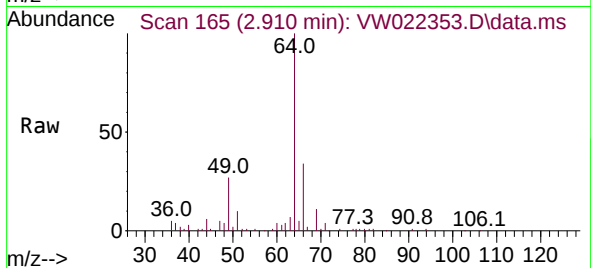




#8
Chloroethane
Concen: 26.460 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

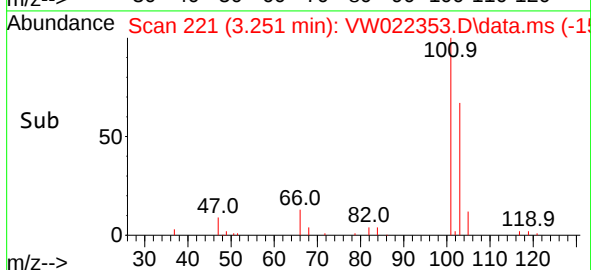
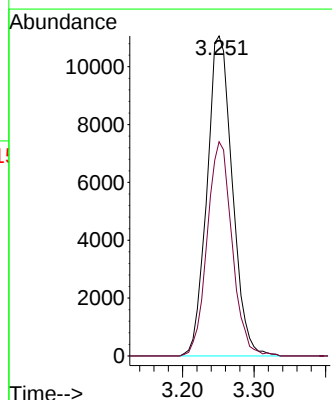
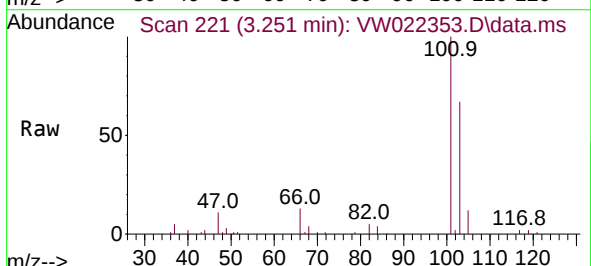
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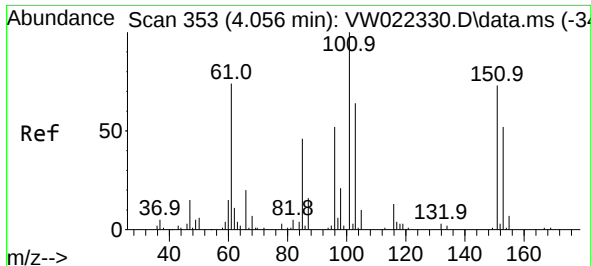
Tgt Ion: 64 Resp: 29441
Ion Ratio Lower Upper
64 100
66 34.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 20.239 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion: 101 Resp: 27216
Ion Ratio Lower Upper
101 100
103 65.5 53.2 79.8

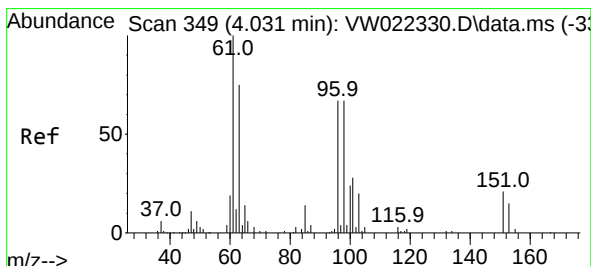
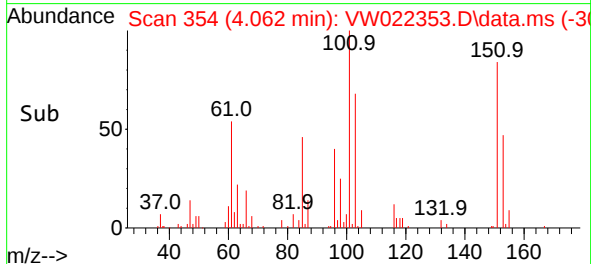
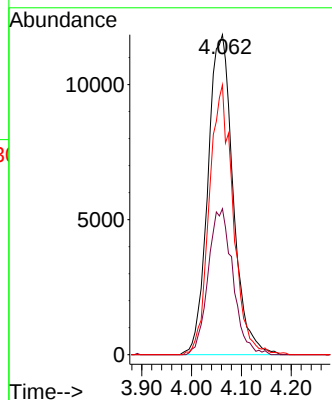
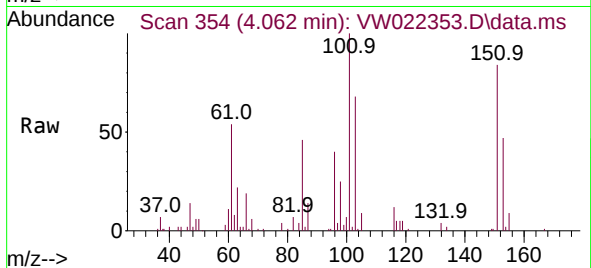




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.283 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022353.D
 Acq: 16 Mar 2022 12:04

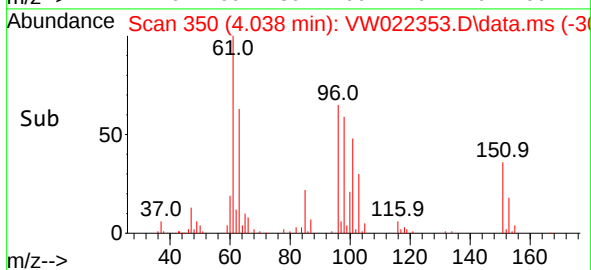
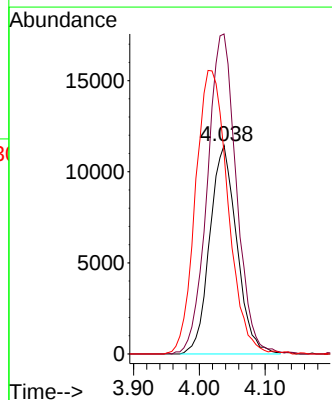
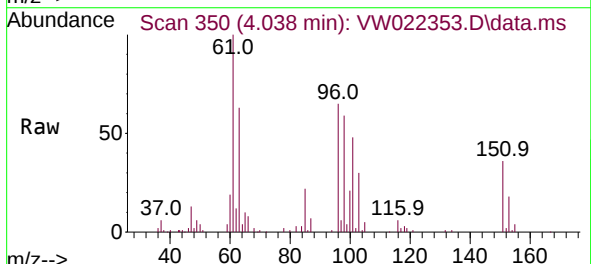
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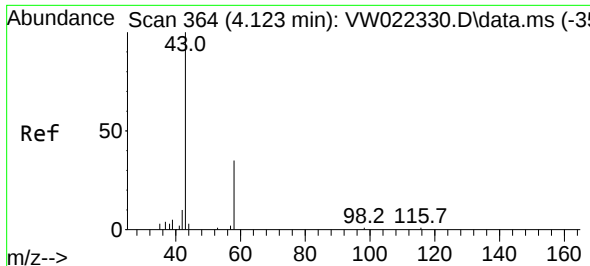
Tgt Ion:101 Resp: 41480
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.4 51.6
 151 79.2 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 22.994 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VW022353.D
 Acq: 16 Mar 2022 12:04

Tgt Ion: 96 Resp: 32696
 Ion Ratio Lower Upper
 96 100
 61 153.4 108.4 201.2
 63 96.3 72.0 133.6





#13

Acetone

Concen: 57.125 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

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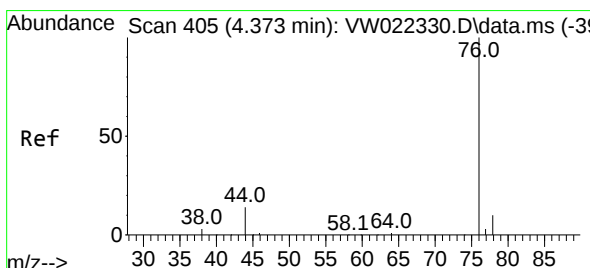
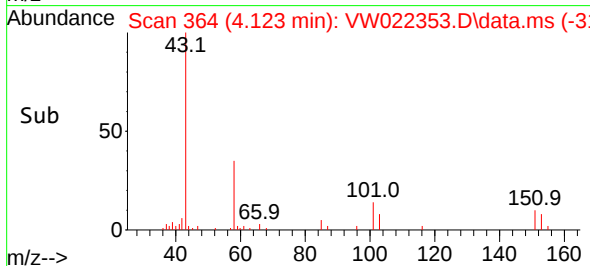
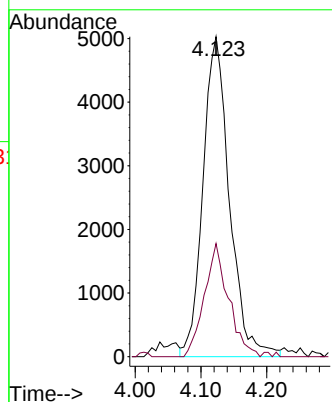
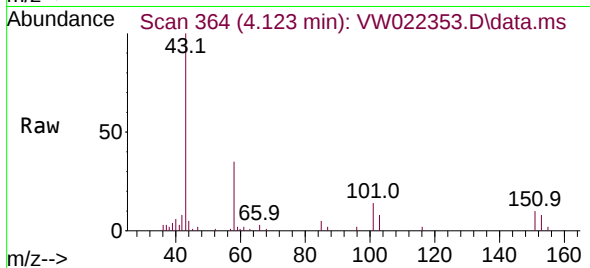
VSTD025587

Tgt Ion: 43 Resp: 14084

Ion Ratio Lower Upper

43 100

58 32.2 0.0 69.2



#14

Carbon disulfide

Concen: 16.228 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.006 min

Lab File: VW022353.D

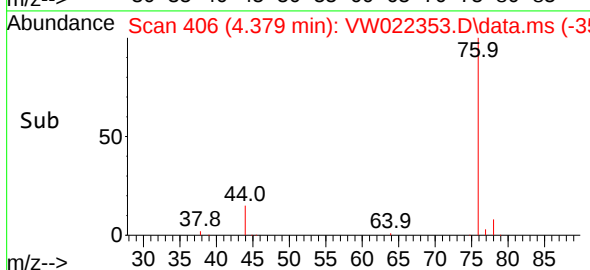
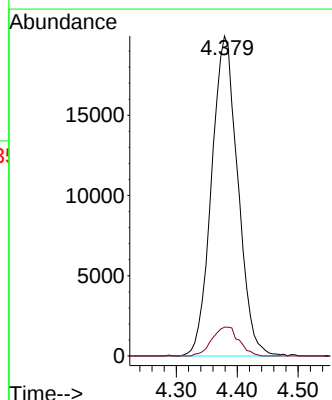
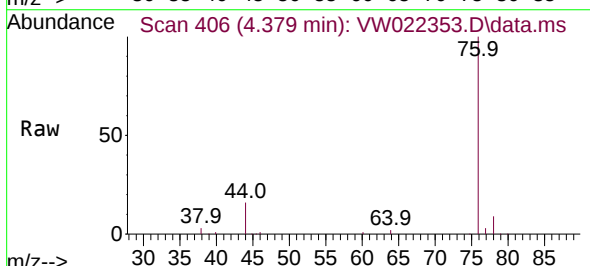
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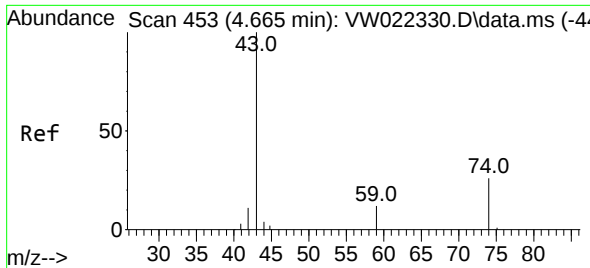
Tgt Ion: 76 Resp: 59824

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.8

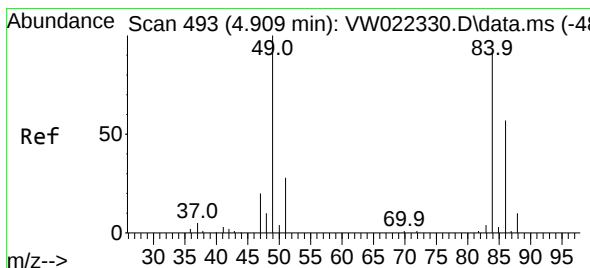
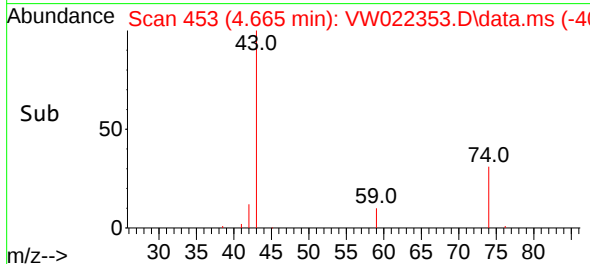
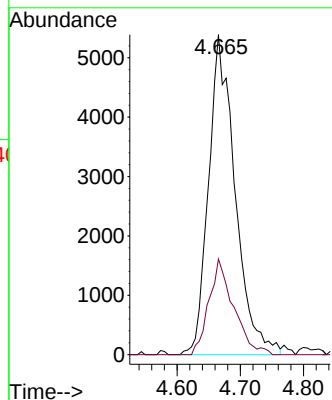
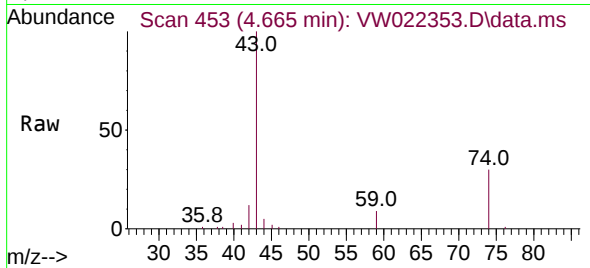




#15
Methyl Acetate
Concen: 28.343 ug/L
RT: 4.665 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

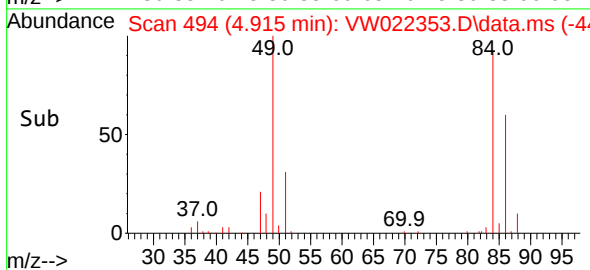
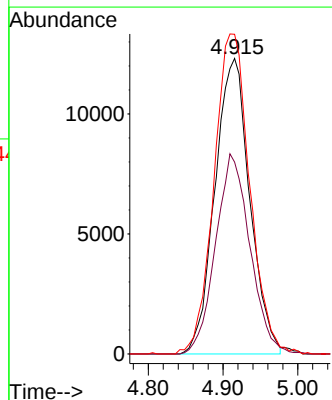
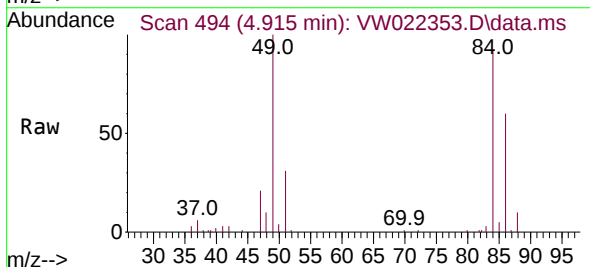
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

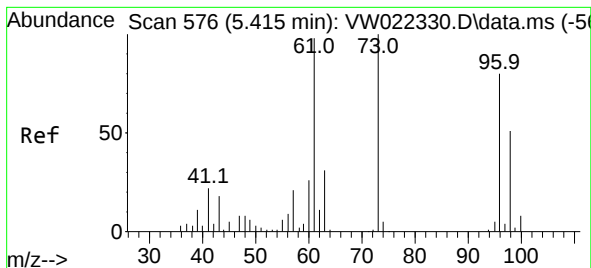
Tgt Ion: 43 Resp: 15732
Ion Ratio Lower Upper
43 100
74 27.2 23.0 34.6



#16
Methylene chloride
Concen: 23.657 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion: 84 Resp: 39970
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.0
49 108.2 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 23.121 ug/L

RT: 5.415 min Scan# 576

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

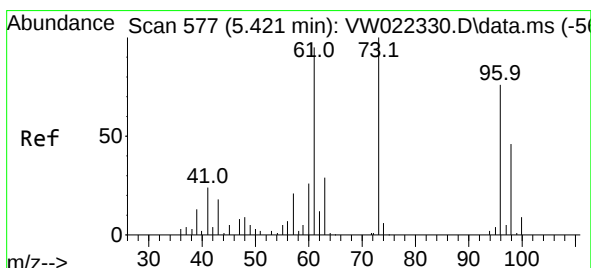
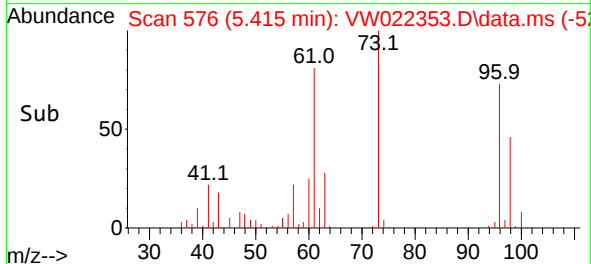
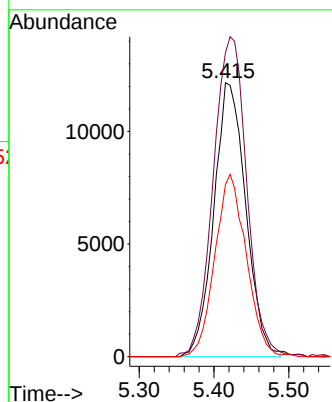
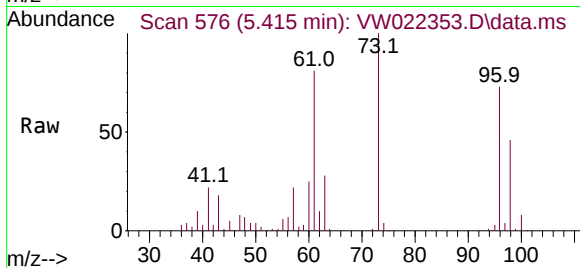
Tgt Ion: 96 Resp: 36109

Ion Ratio Lower Upper

96 100

61 111.0 87.3 162.1

98 62.9 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 30.461 ug/L

RT: 5.421 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

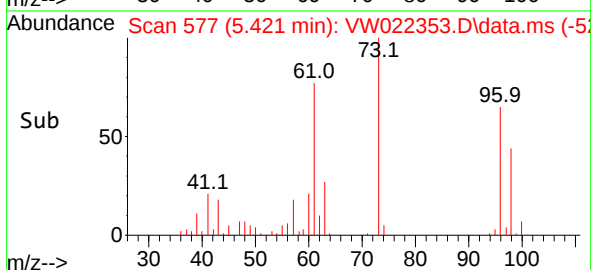
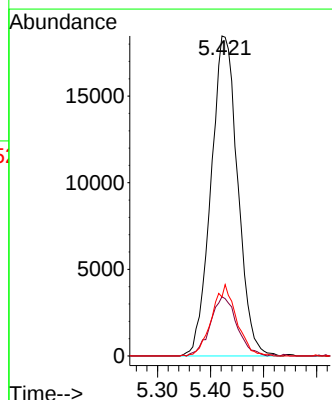
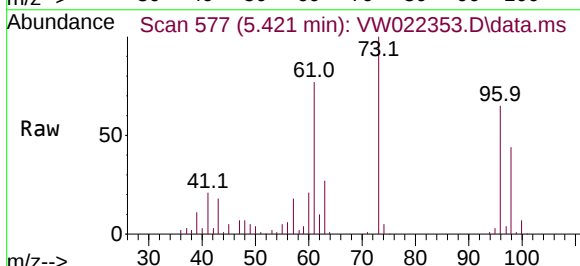
Tgt Ion: 73 Resp: 64724

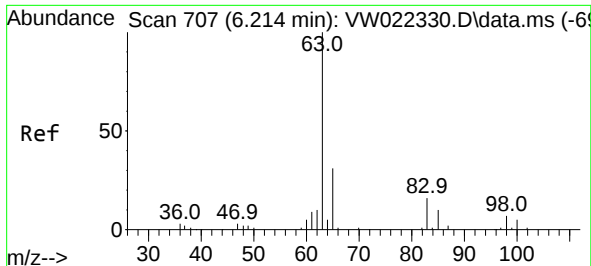
Ion Ratio Lower Upper

73 100

43 18.4 15.4 23.2

57 20.5 16.5 24.7

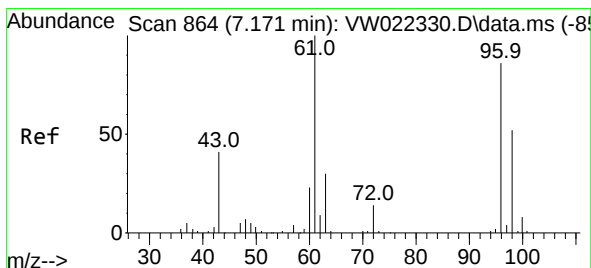
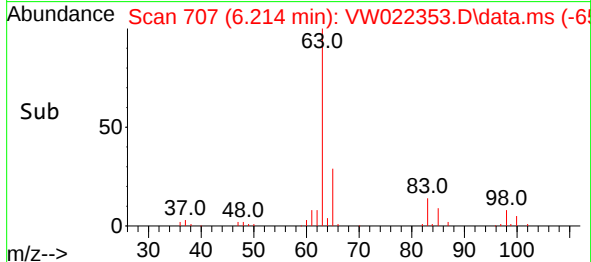
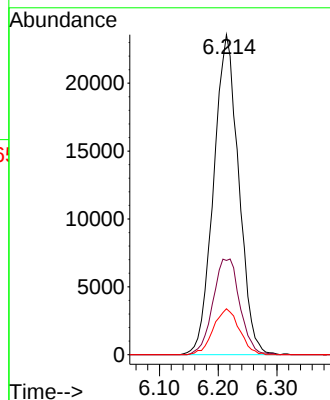
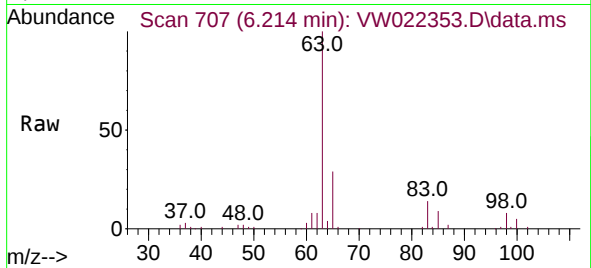




#19
1,1-Dichloroethane
Concen: 27.668 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

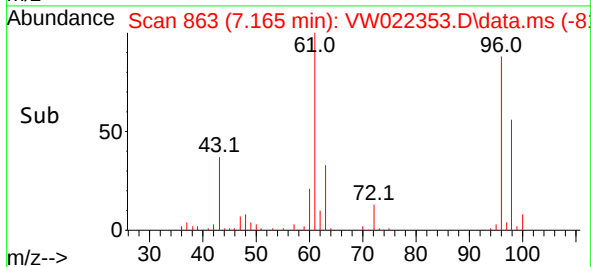
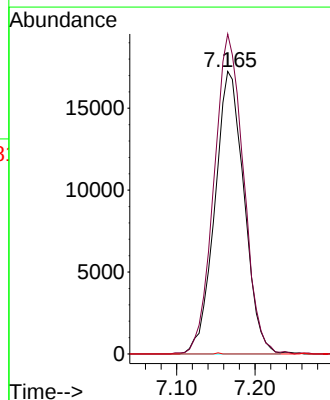
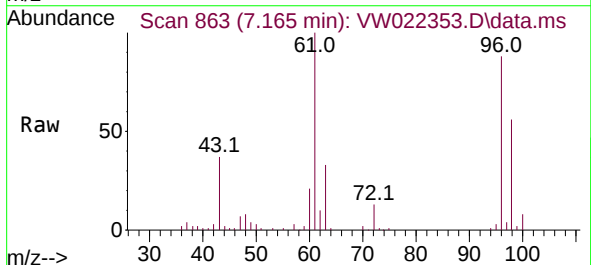
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

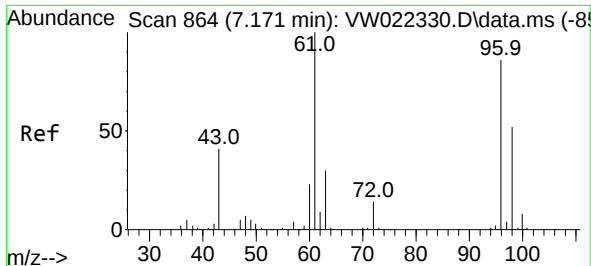
Tgt Ion:	63	Resp:	69956
Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.5	41.9
83	14.4	11.5	21.5



#20
cis-1,2-Dichloroethene
Concen: 26.493 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion:	96	Resp:	44821
Ion	Ratio	Lower	Upper
96	100		
61	113.3	76.8	142.6
68	0.0	0.0	0.0

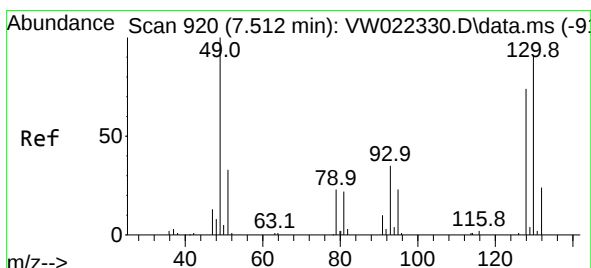
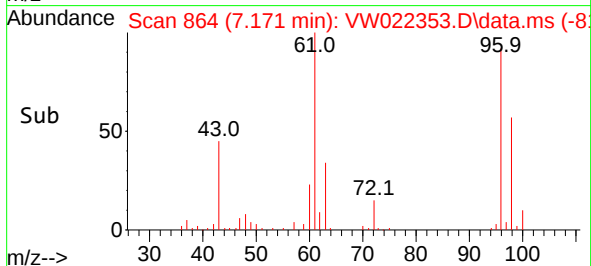
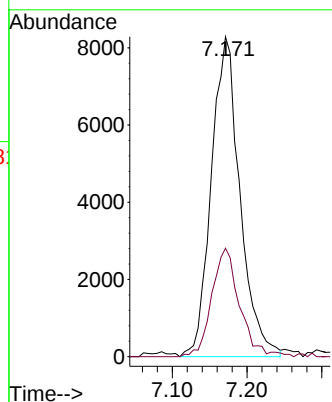
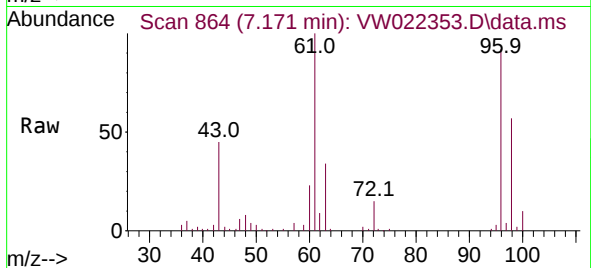




#22
2-Butanone
Concen: 62.352 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

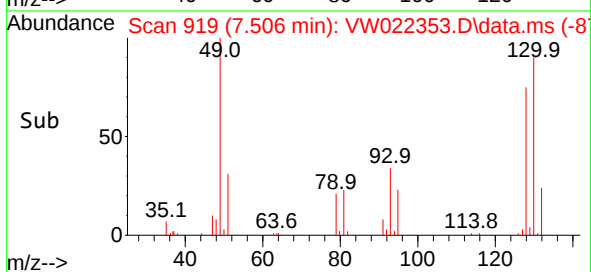
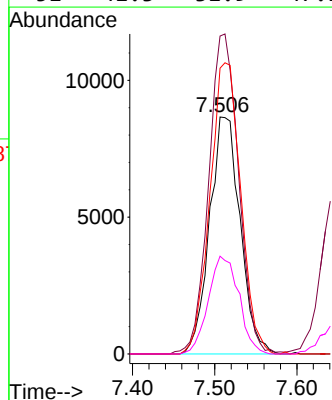
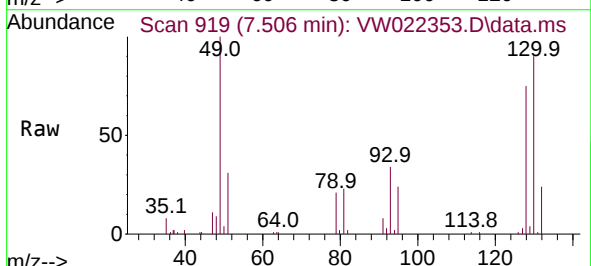
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

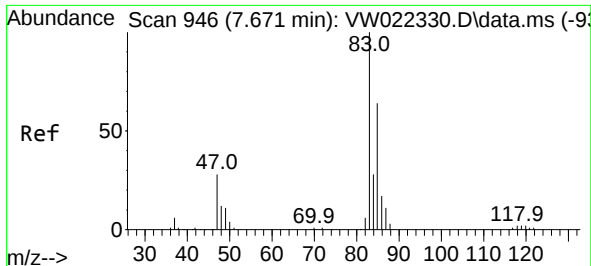
Tgt Ion: 43 Resp: 22083
Ion Ratio Lower Upper
43 100
72 31.1 17.0 51.0



#23
Bromochloromethane
Concen: 27.083 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion: 128 Resp: 22383
Ion Ratio Lower Upper
128 100
49 134.2 84.2 156.4
130 120.6 84.8 157.4
51 41.3 31.9 47.9

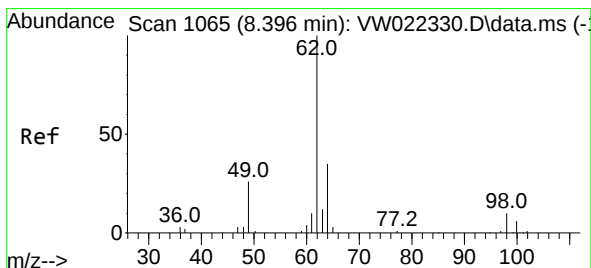
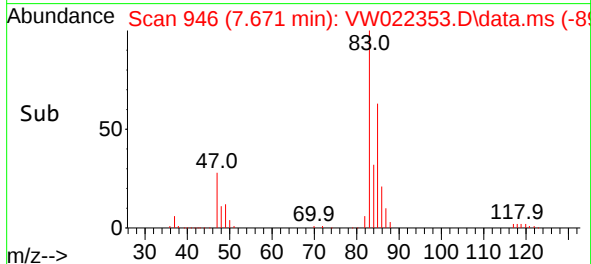
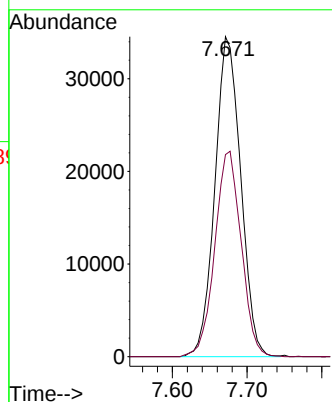
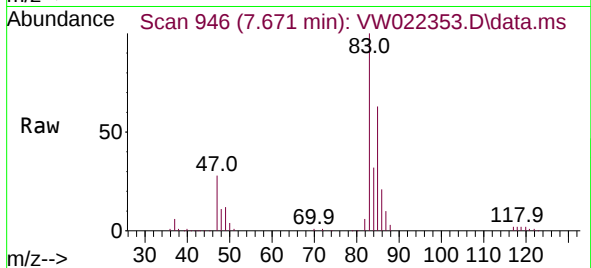




#25
Chloroform
Concen: 28.129 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

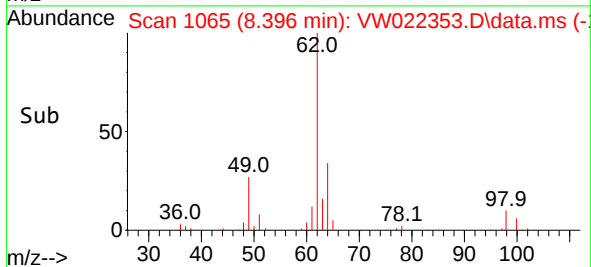
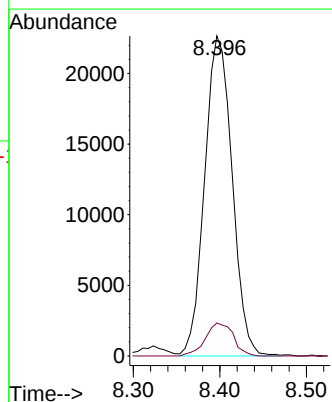
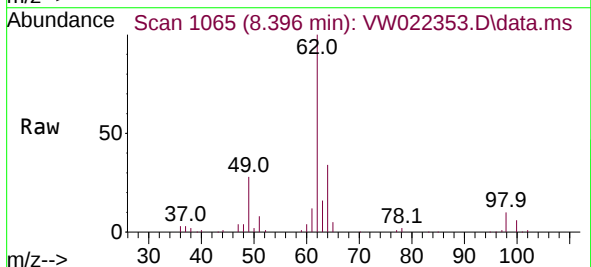
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

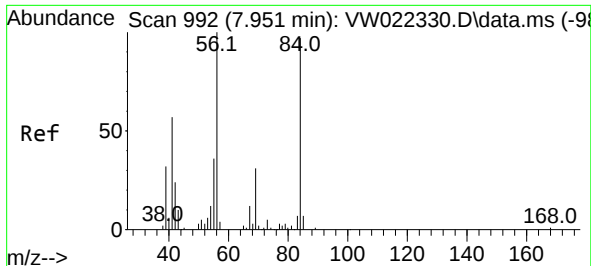
Tgt Ion: 83 Resp: 82984
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 27.502 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion: 62 Resp: 49973
Ion Ratio Lower Upper
62 100
98 10.3 7.9 11.9





#29

Cyclohexane

Concen: 21.335 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

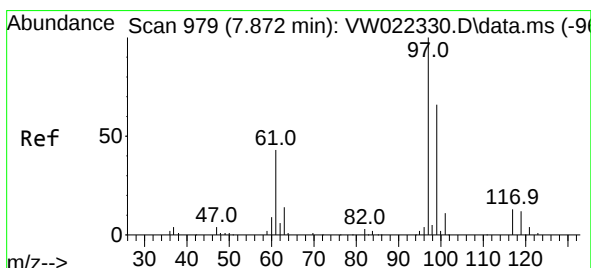
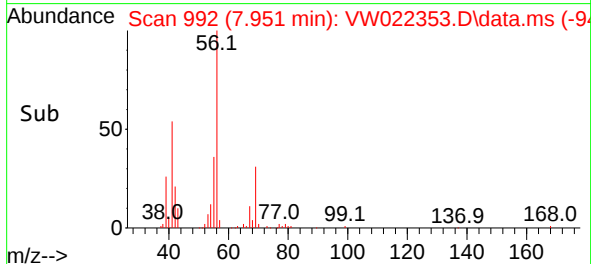
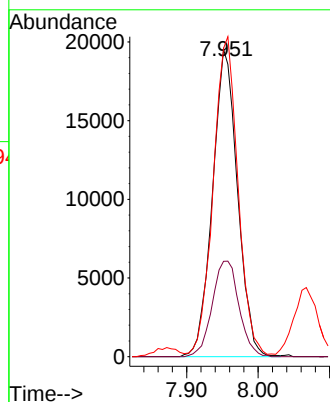
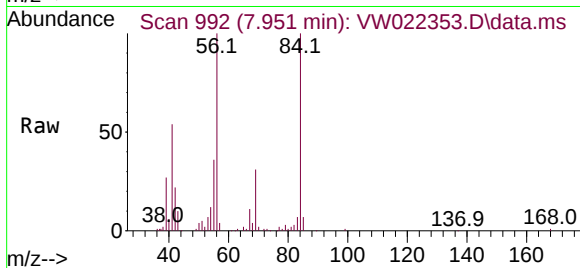
Tgt Ion: 56 Resp: 47440

Ion Ratio Lower Upper

56 100

69 33.3 26.3 39.5

84 103.7 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 25.264 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

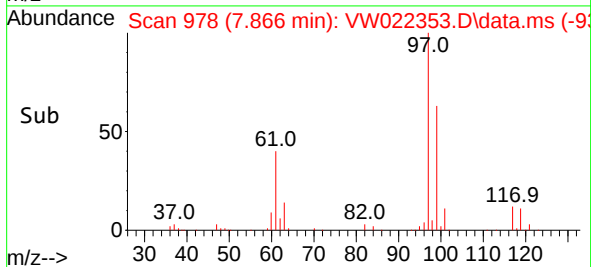
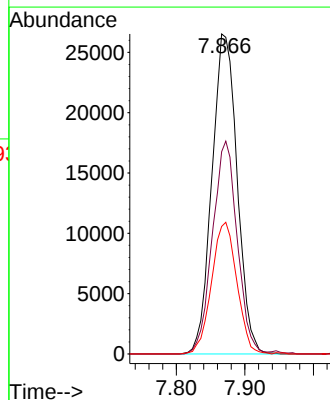
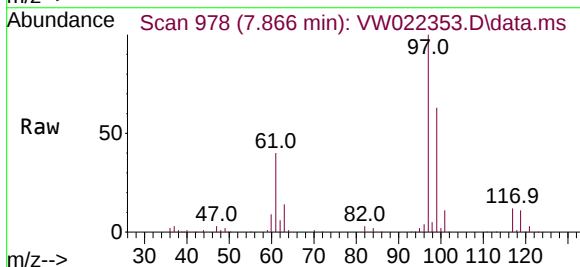
Tgt Ion: 97 Resp: 67913

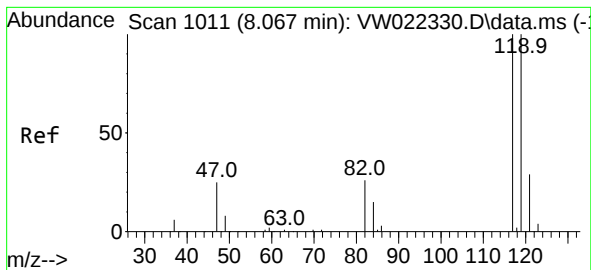
Ion Ratio Lower Upper

97 100

99 65.3 52.6 78.8

61 41.1 33.0 49.6

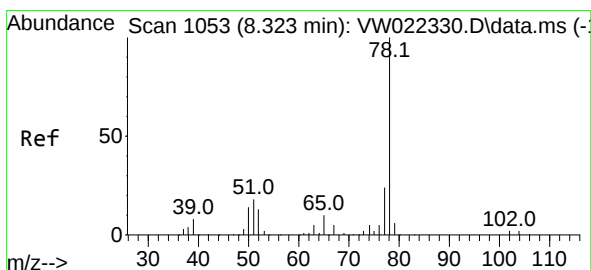
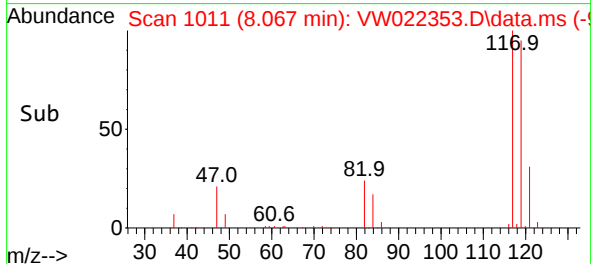
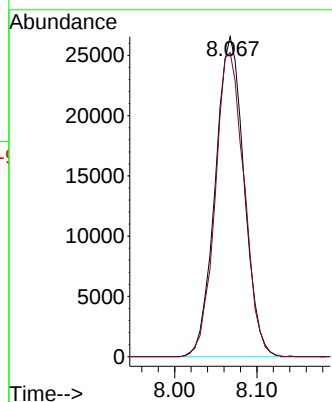
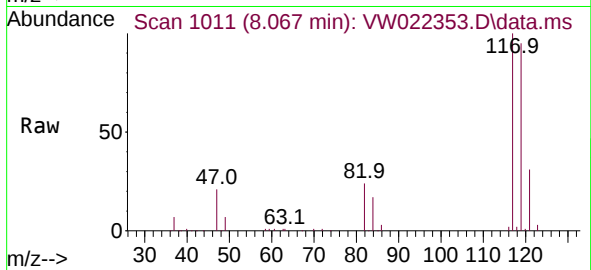




#31
Carbon tetrachloride
Concen: 25.229 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

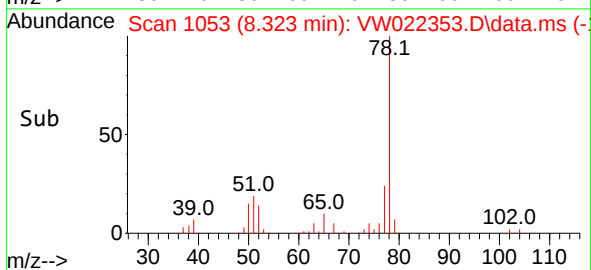
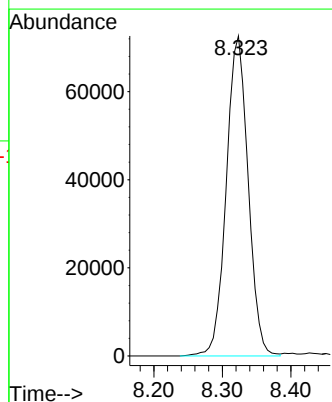
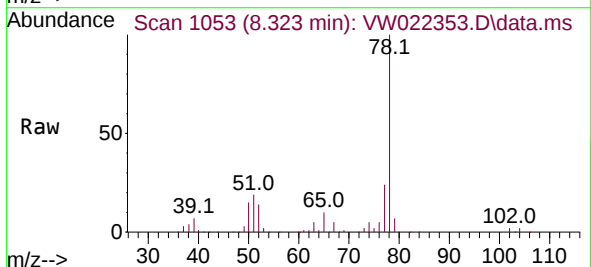
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

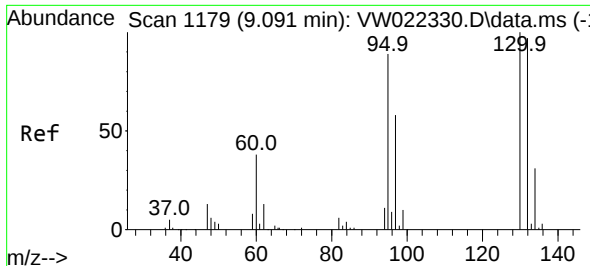
Tgt Ion:117 Resp: 64454
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1



#33
Benzene
Concen: 24.900 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion: 78 Resp: 160852

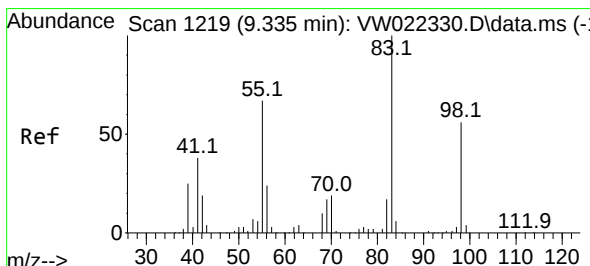
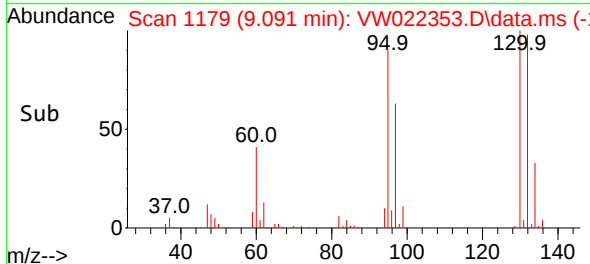
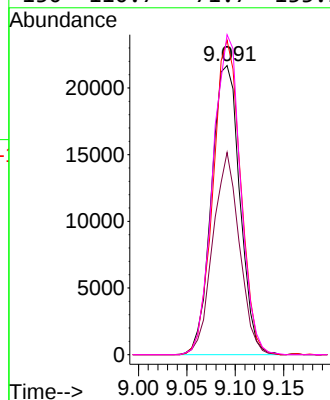
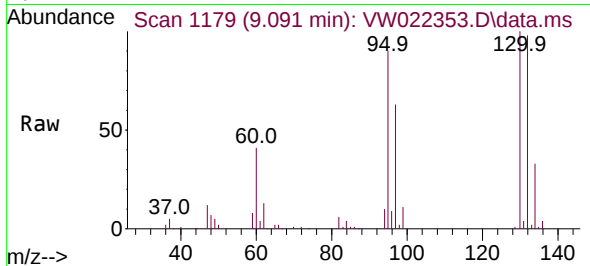




#34
Trichloroethene
Concen: 23.906 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

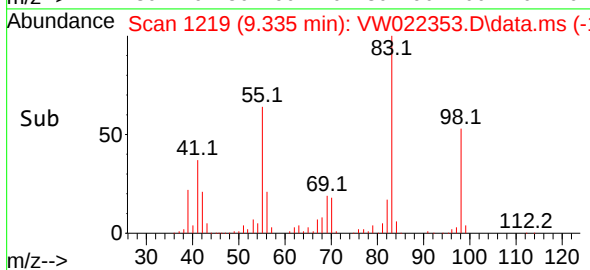
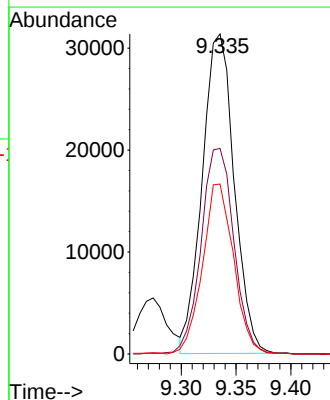
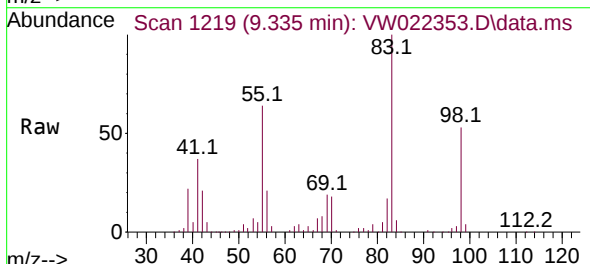
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

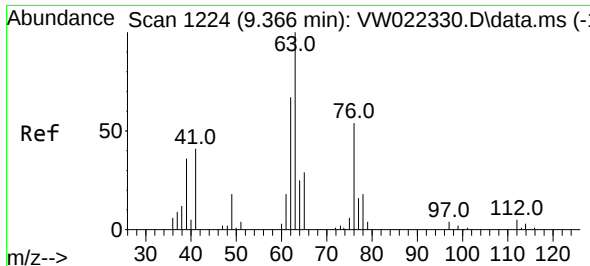
Tgt Ion: 95 Resp: 44216
Ion Ratio Lower Upper
95 100
97 70.0 44.4 82.4
132 108.7 71.7 133.1
130 110.7 71.7 133.1



#35
Methylcyclohexane
Concen: 22.261 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion: 83 Resp: 63687
Ion Ratio Lower Upper
83 100
55 65.9 53.8 80.8
98 51.8 42.1 63.1





#37

1,2-Dichloropropane

Concen: 26.976 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

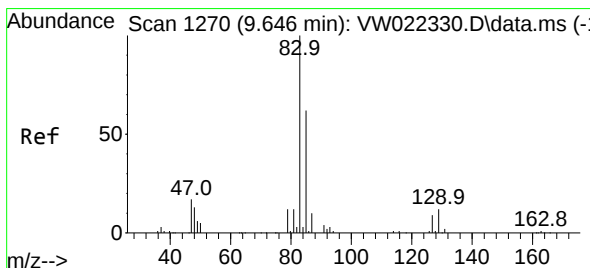
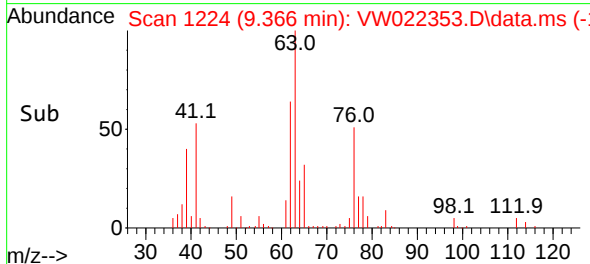
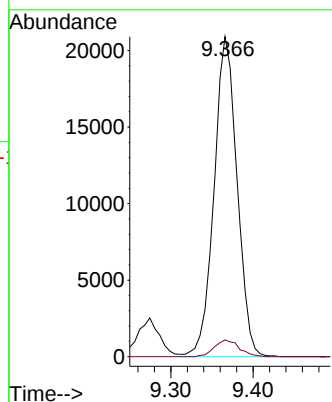
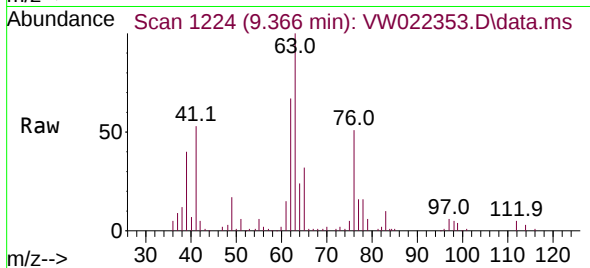
VSTD025587

Tgt Ion: 63 Resp: 40654

Ion Ratio Lower Upper

63 100

112 5.6 4.1 6.1



#38

Bromodichloromethane

Concen: 28.714 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

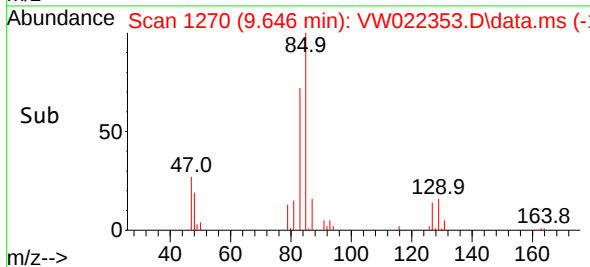
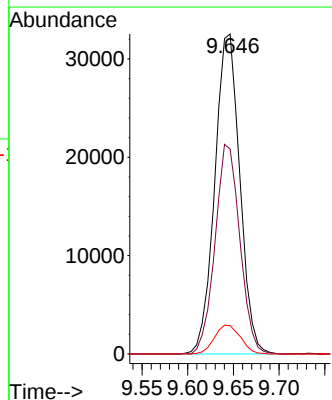
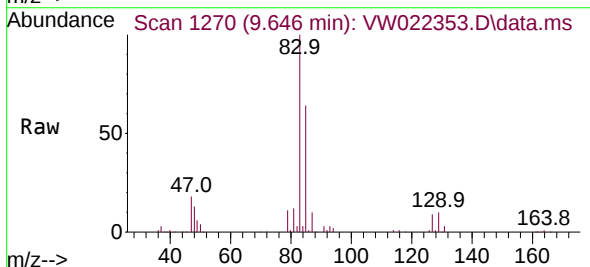
Tgt Ion: 83 Resp: 62055

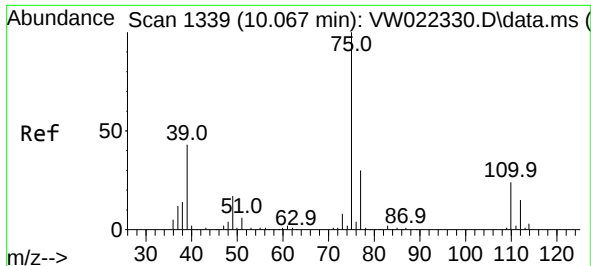
Ion Ratio Lower Upper

83 100

85 64.1 47.9 89.1

127 8.9 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 27.624 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

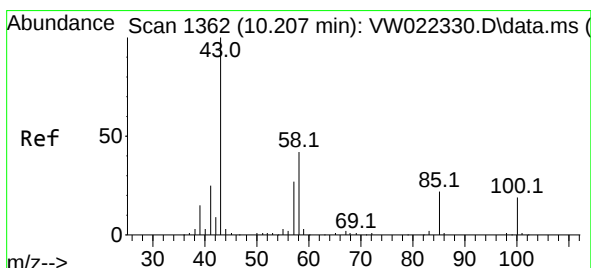
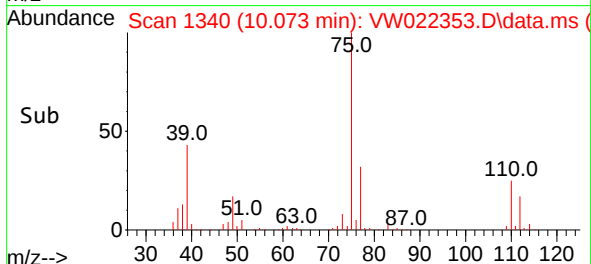
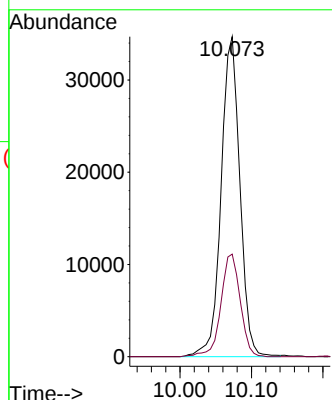
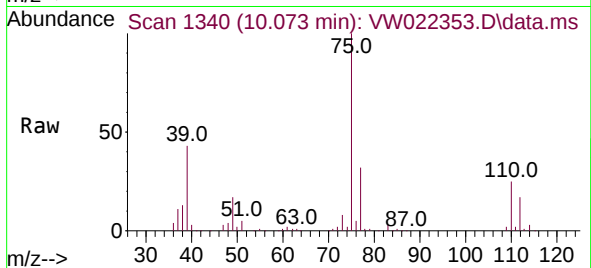
VSTD025587

Tgt Ion: 75 Resp: 63281

Ion Ratio Lower Upper

75 100

77 32.1 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 61.709 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

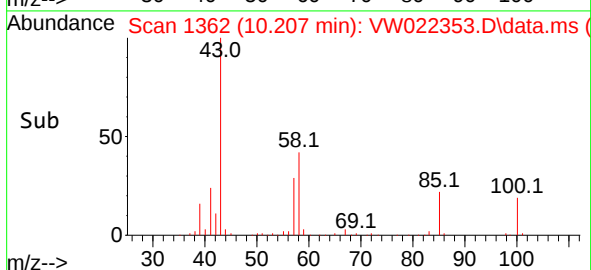
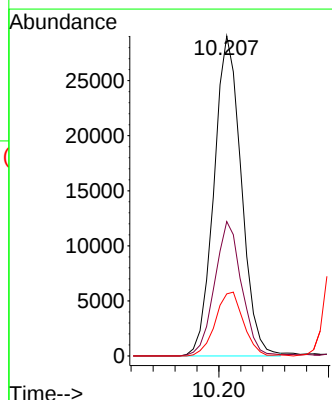
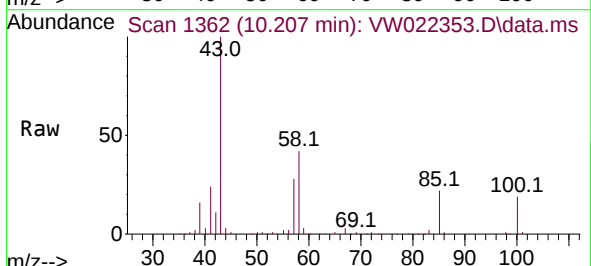
Tgt Ion: 43 Resp: 50222

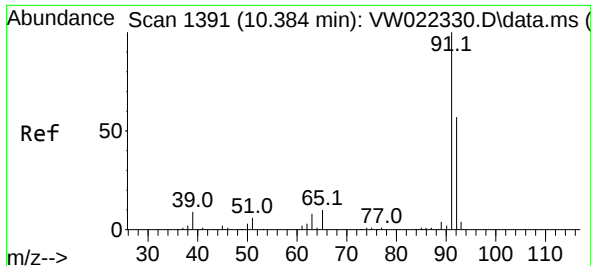
Ion Ratio Lower Upper

43 100

58 41.5 33.2 49.8

100 20.4 16.1 24.1

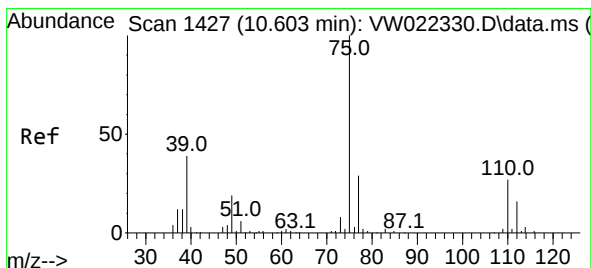
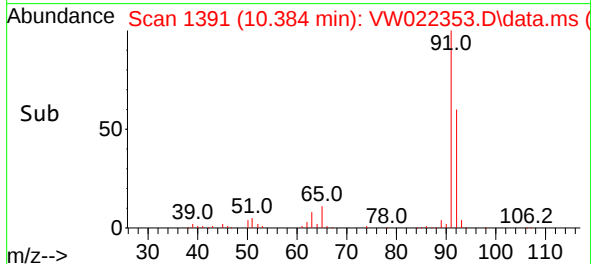
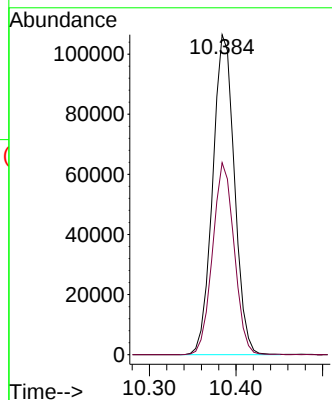
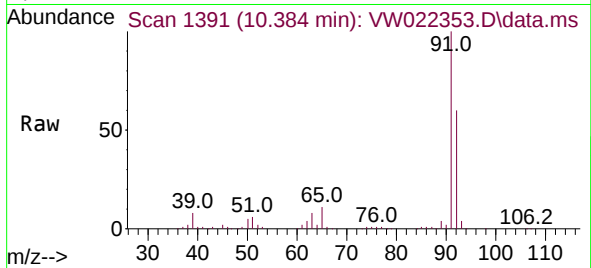




#42
Toluene
Concen: 25.398 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

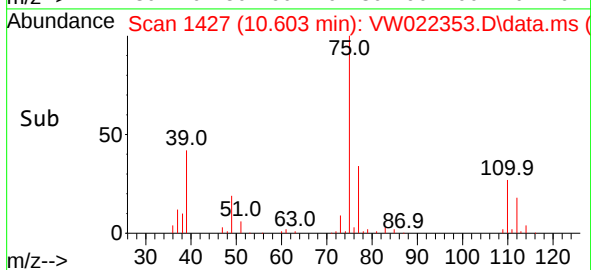
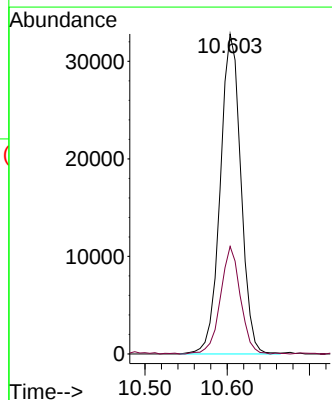
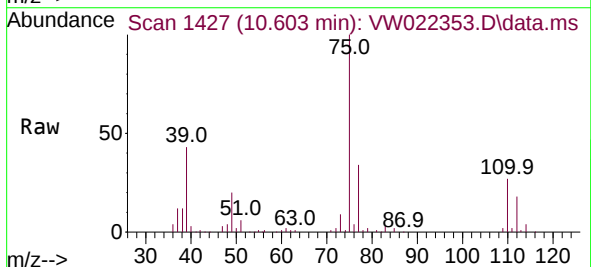
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

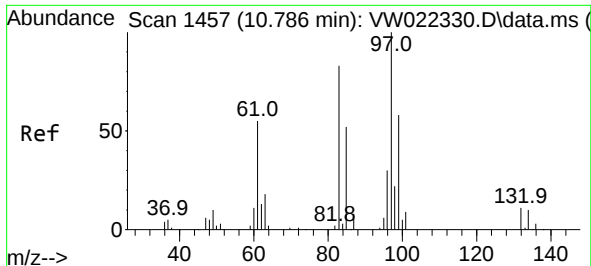
Tgt Ion: 91 Resp: 185691
Ion Ratio Lower Upper
91 100
92 60.0 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 27.805 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion: 75 Resp: 57239
Ion Ratio Lower Upper
75 100
77 33.6 22.0 40.8

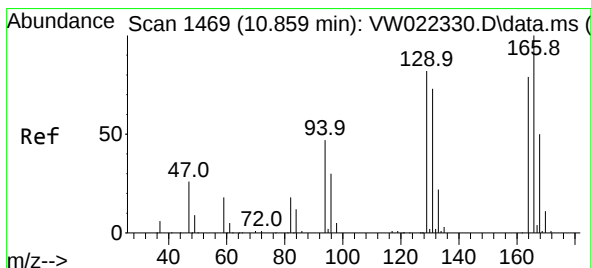
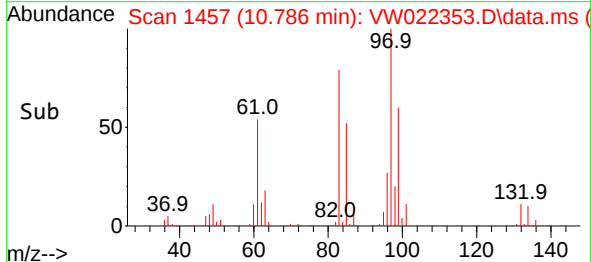
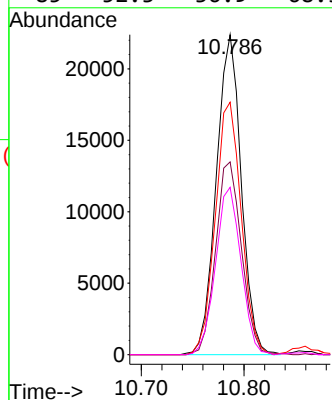
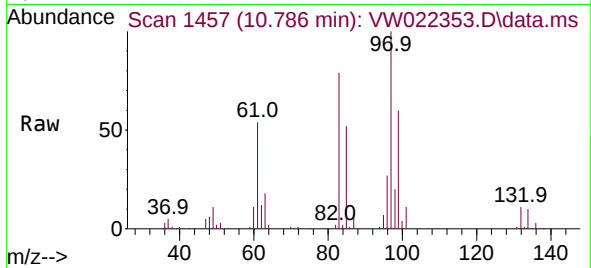




#45
1,1,2-Trichloroethane
Concen: 28.318 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

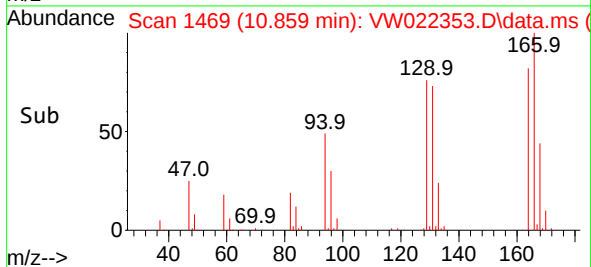
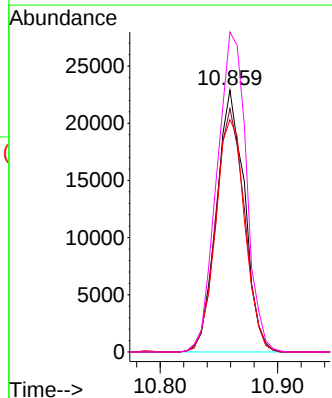
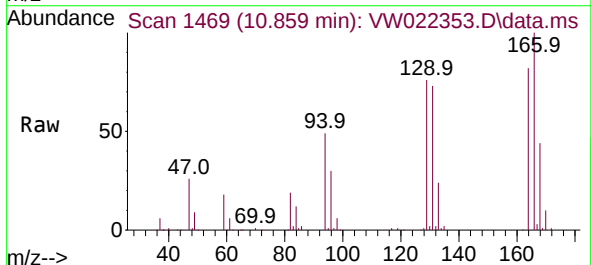
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

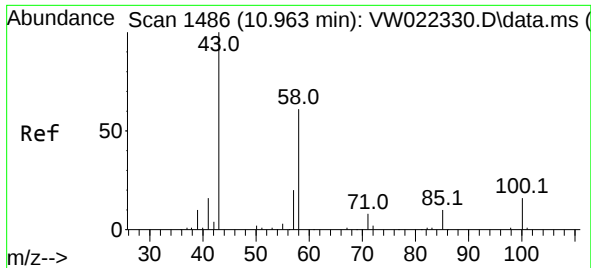
Tgt Ion:	97	Resp:	37843
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.5	80.7
83	78.9	53.5	99.3
85	52.3	36.9	68.5



#46
Tetrachloroethene
Concen: 23.422 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion:	164	Resp:	37950
Ion	Ratio	Lower	Upper
164	100		
129	92.9	60.3	111.9
131	88.7	59.9	111.3
166	122.2	77.0	143.0

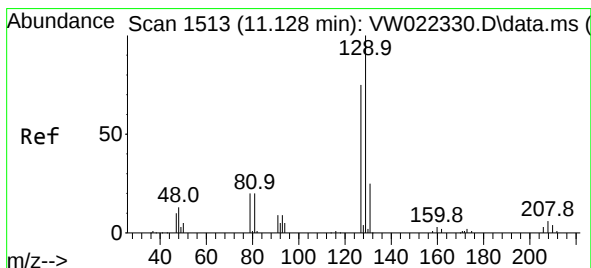
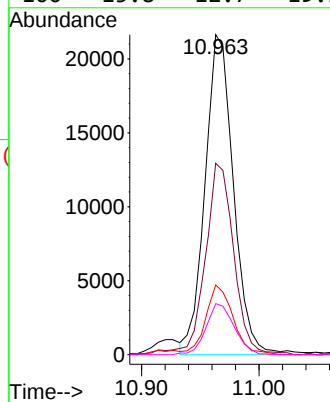
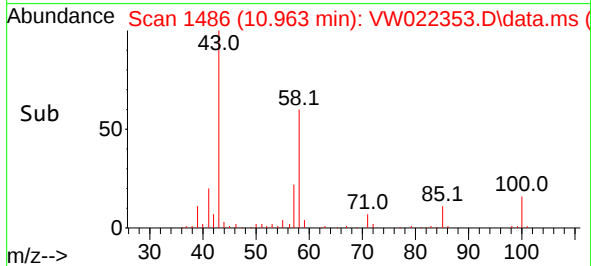
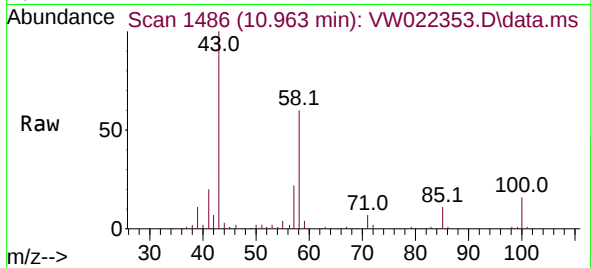




#48
2-Hexanone
Concen: 64.307 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

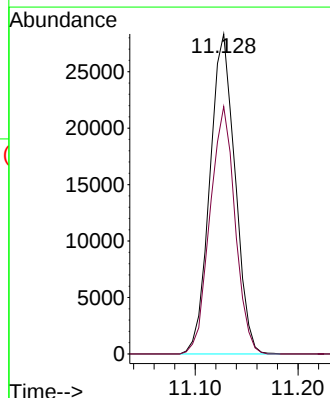
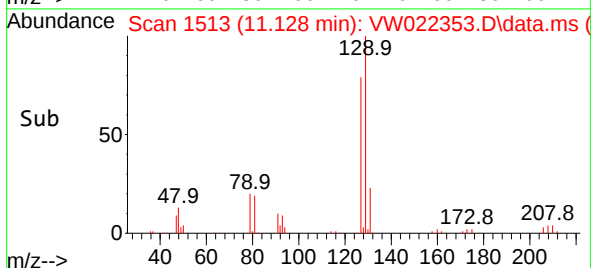
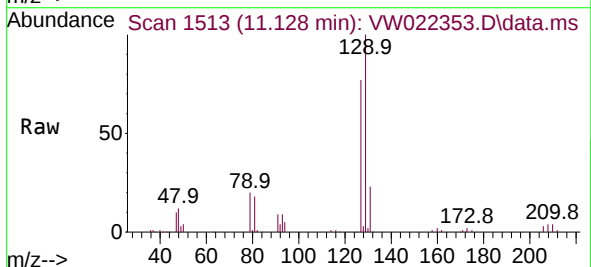
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

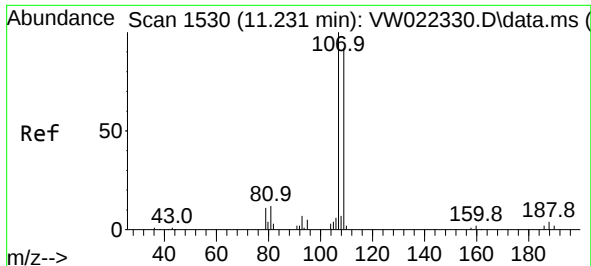
Tgt Ion: 43	Resp:	36324	
Ion	Ratio	Lower	Upper
43	100		
58	59.5	44.6	66.8
57	20.9	15.8	23.8
100	15.8	12.7	19.1



#49
Dibromochloromethane
Concen: 29.724 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion:129	Resp:	48250	
Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.5	101.1

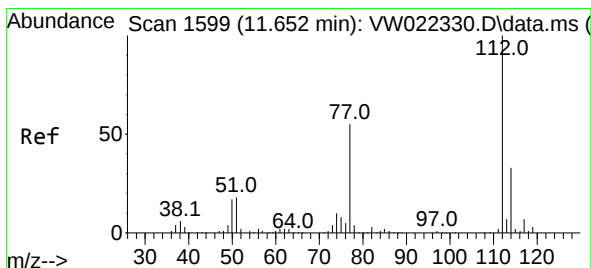
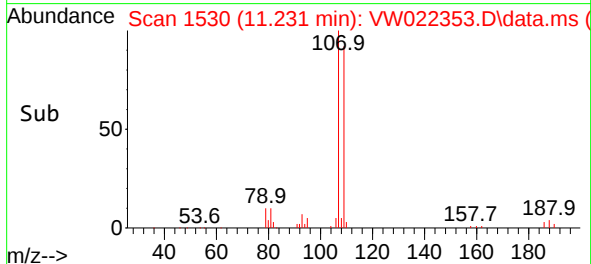
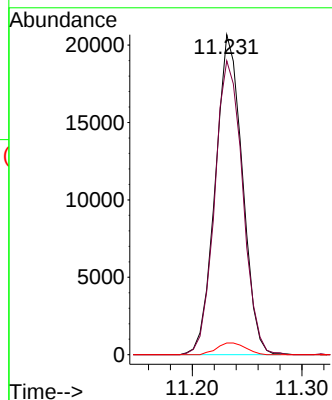
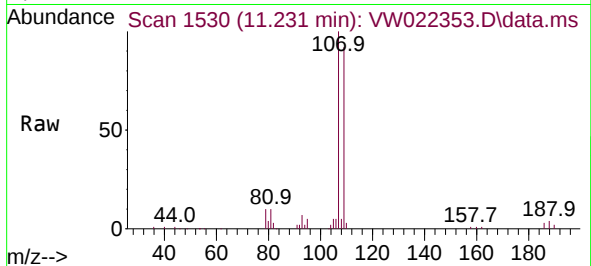




#50
1,2-Dibromoethane
Concen: 27.485 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

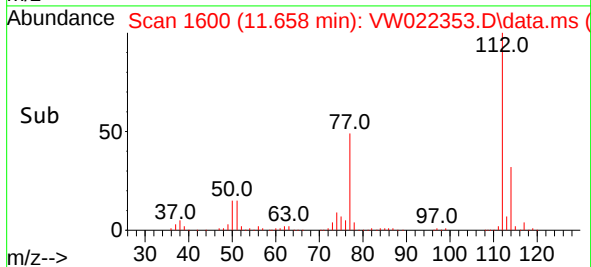
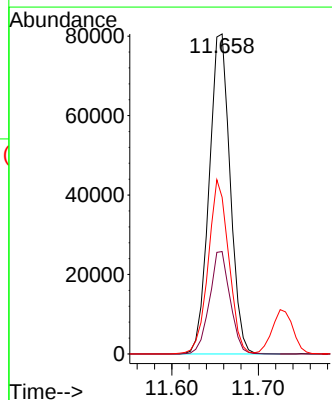
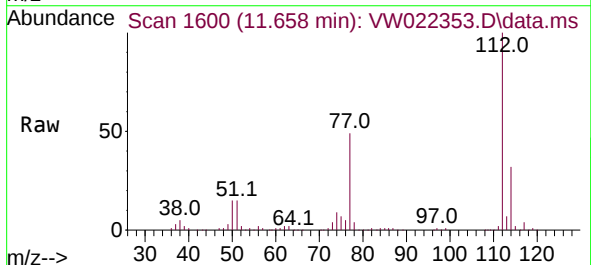
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

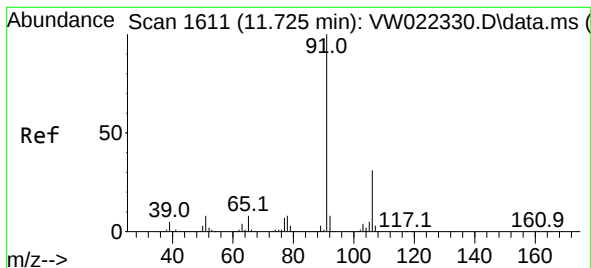
Tgt Ion:	107	Resp:	35427
Ion Ratio	Lower	Upper	
107	100		
109	91.9	66.8	124.2
188	3.6	2.6	4.0



#51
Chlorobenzene
Concen: 26.616 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion:	112	Resp:	135431
Ion Ratio	Lower	Upper	
112	100		
114	32.0	23.0	42.8
77	49.0	41.8	62.6

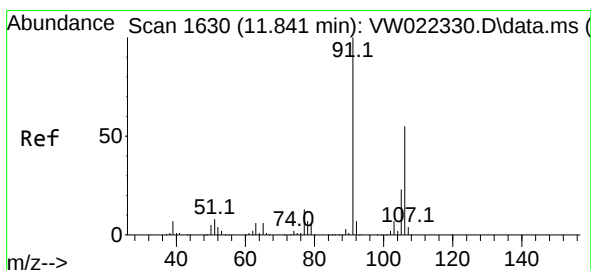
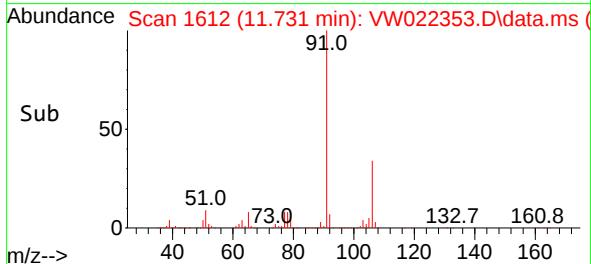
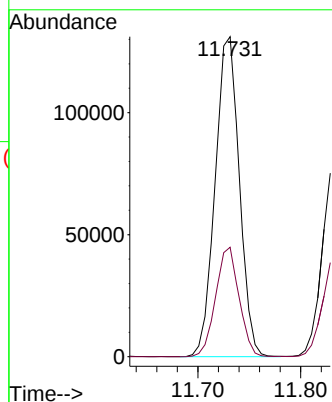
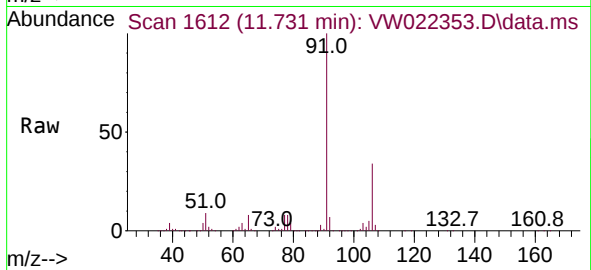




#52
Ethylbenzene
Concen: 26.447 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

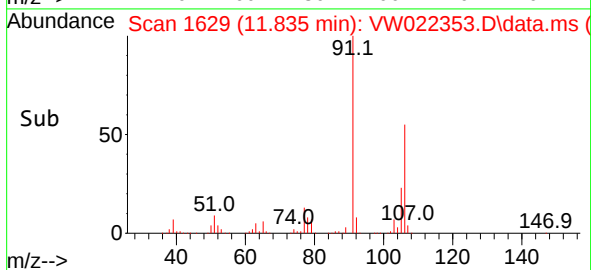
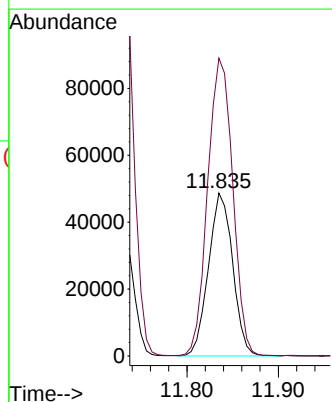
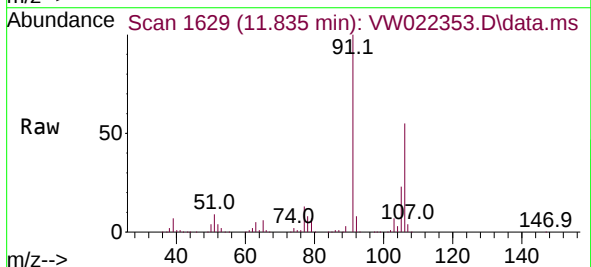
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

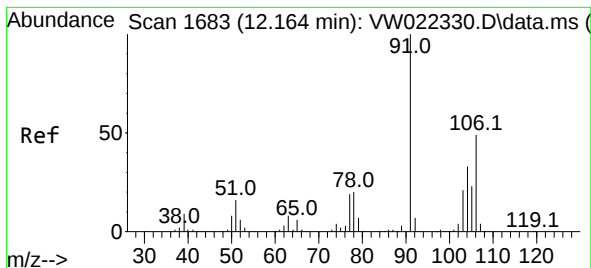
Tgt Ion: 91 Resp: 213999
Ion Ratio Lower Upper
91 100
106 34.2 22.8 42.4



#53
m,p-Xylene
Concen: 26.900 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion:106 Resp: 89563
Ion Ratio Lower Upper
106 100
91 182.9 135.0 250.8





#54

o-Xylene

Concen: 27.897 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

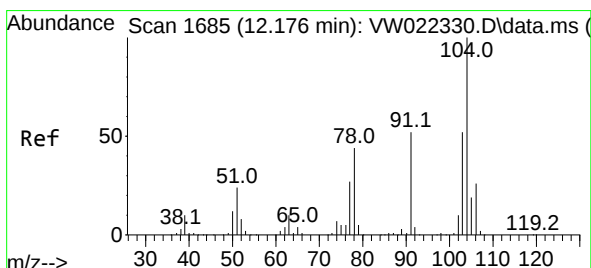
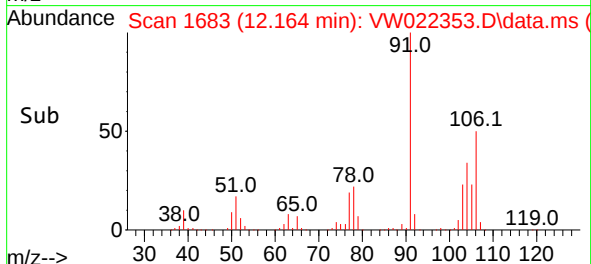
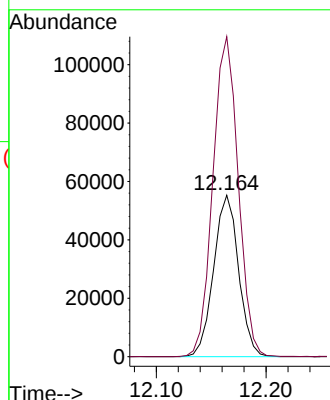
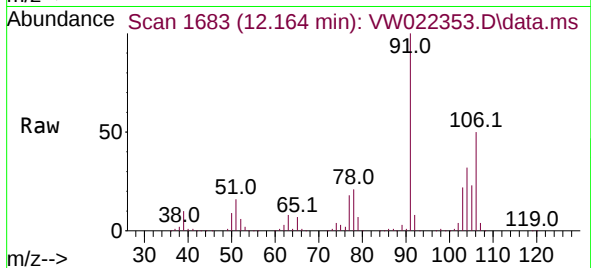
VSTD025587

Tgt Ion:106 Resp: 87397

Ion Ratio Lower Upper

106 100

91 198.1 136.9 254.3



#55

Styrene

Concen: 28.691 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022353.D

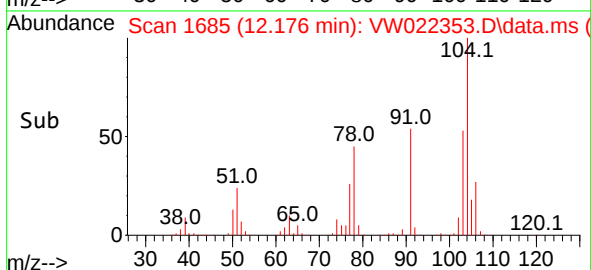
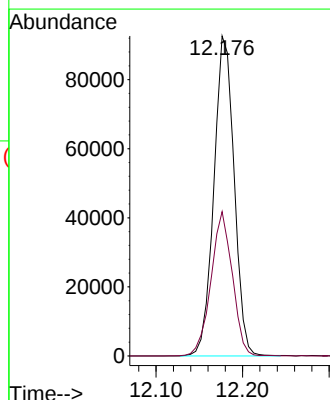
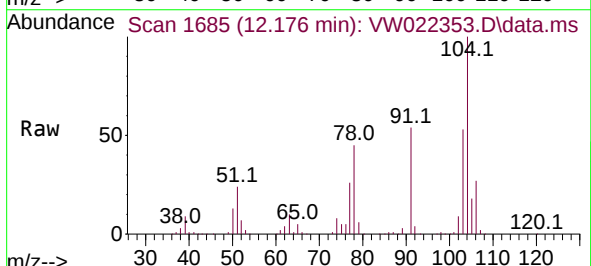
Acq: 16 Mar 2022 12:04

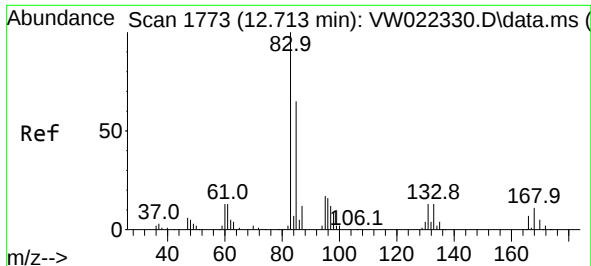
Tgt Ion:104 Resp: 150684

Ion Ratio Lower Upper

104 100

78 45.1 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 30.967 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

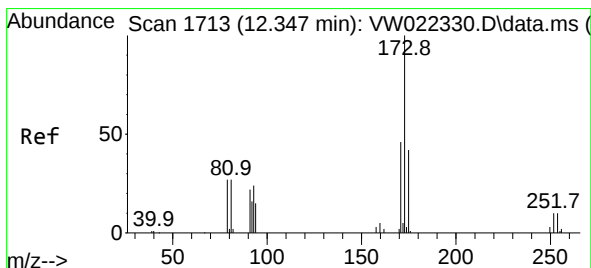
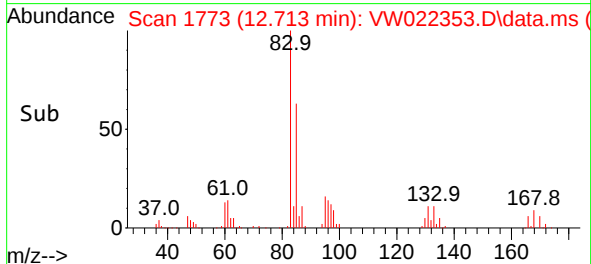
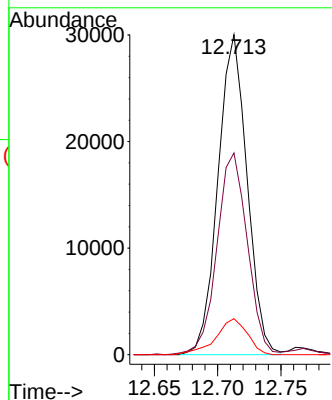
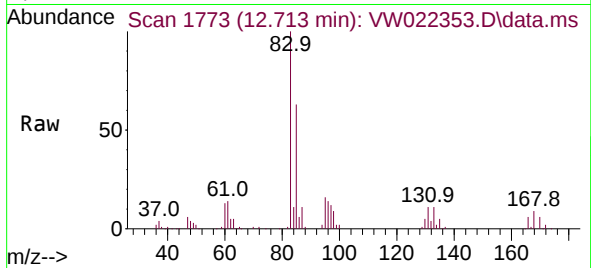
Tgt Ion: 83 Resp: 48016

Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

131 11.3 9.4 14.0



#59

Bromoform

Concen: 27.736 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

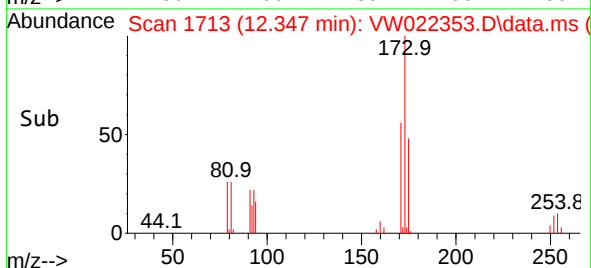
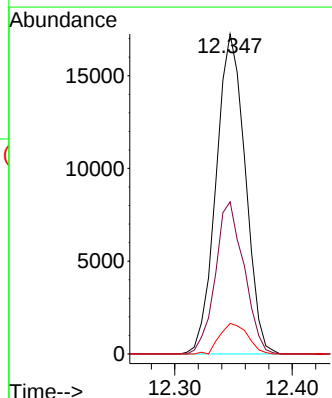
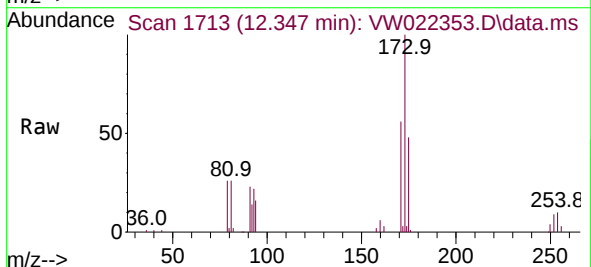
Tgt Ion:173 Resp: 29728

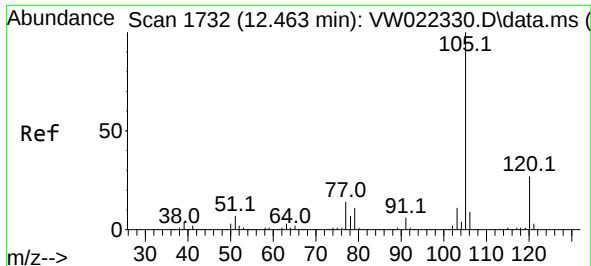
Ion Ratio Lower Upper

173 100

175 46.7 38.2 57.4

254 9.0 5.0 7.6#

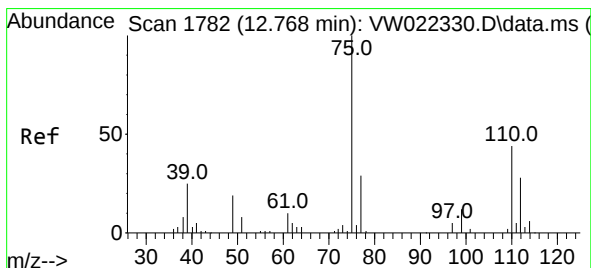
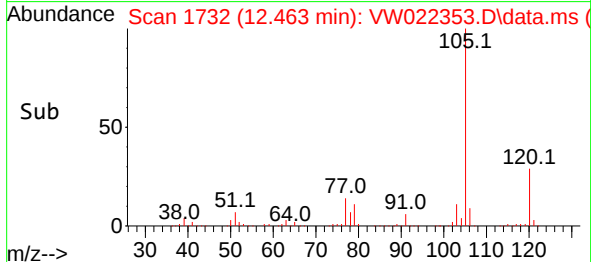
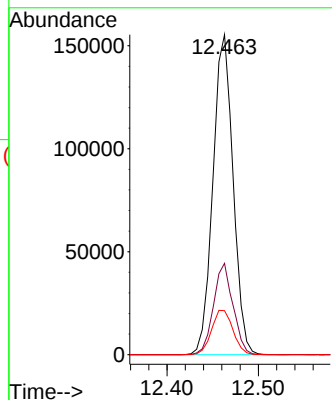
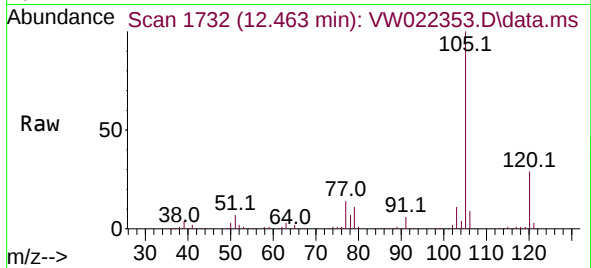




#60
Isopropylbenzene
Concen: 24.496 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

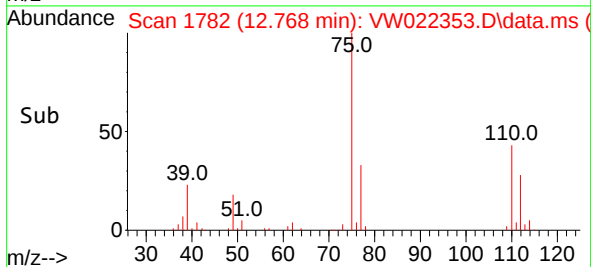
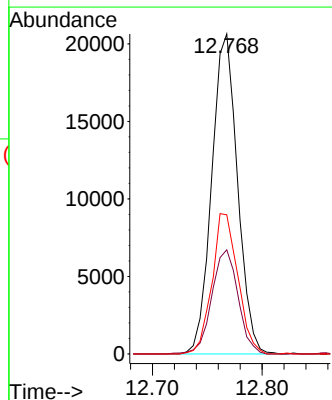
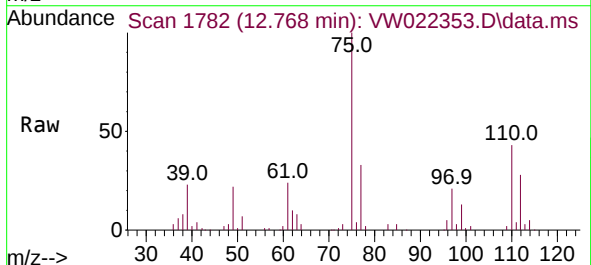
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

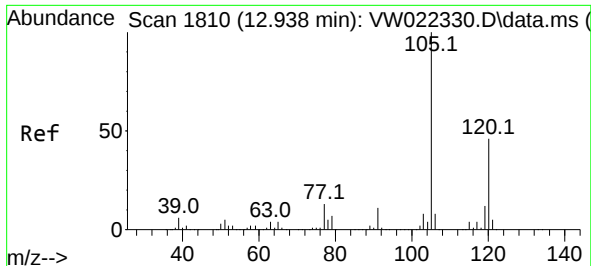
Tgt Ion:105 Resp: 238331
Ion Ratio Lower Upper
105 100
120 27.6 22.1 33.1
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 26.348 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion: 75 Resp: 33705
Ion Ratio Lower Upper
75 100
77 33.2 27.1 40.7
110 43.9 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 25.951 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

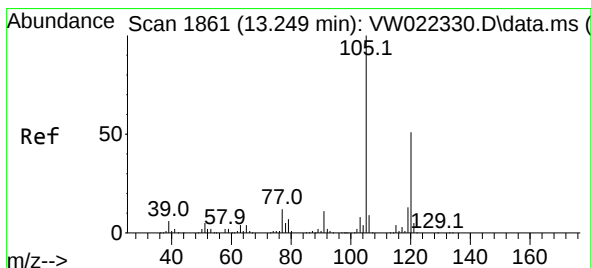
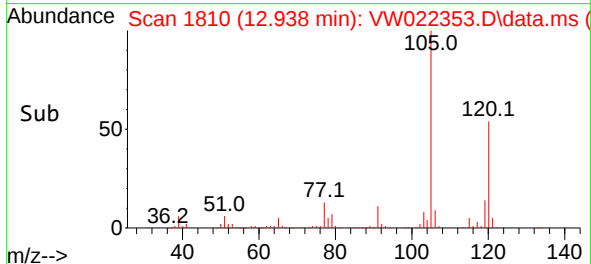
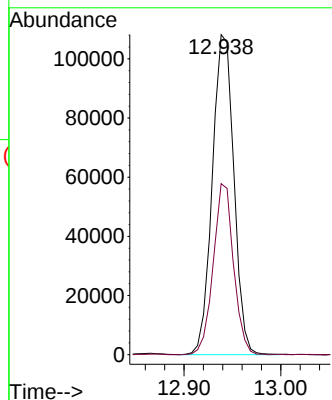
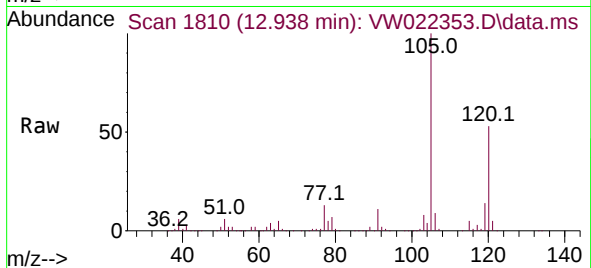
VSTD025587

Tgt Ion:105 Resp: 167897

Ion Ratio Lower Upper

105 100

120 50.3 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 25.796 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022353.D

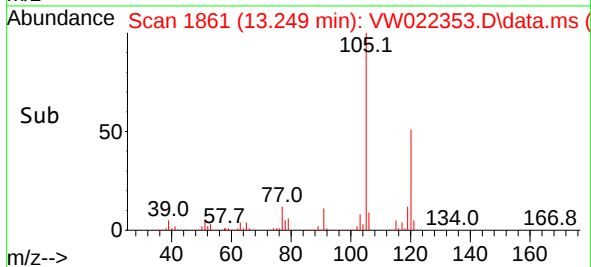
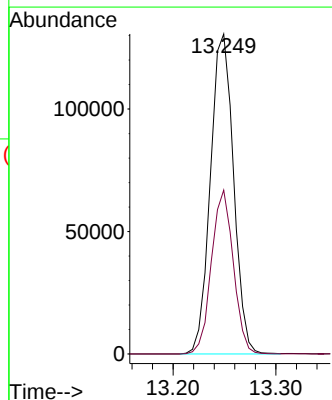
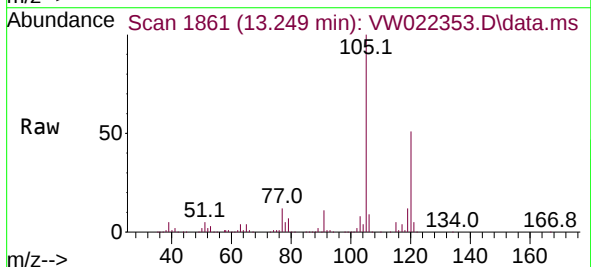
Acq: 16 Mar 2022 12:04

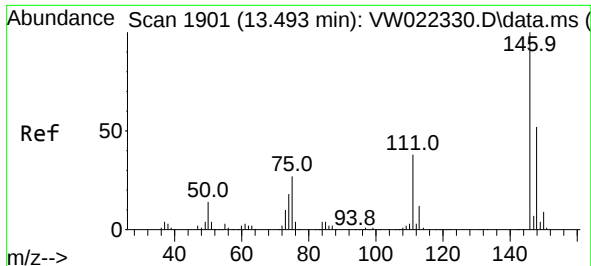
Tgt Ion:105 Resp: 203959

Ion Ratio Lower Upper

105 100

120 48.4 39.2 58.8

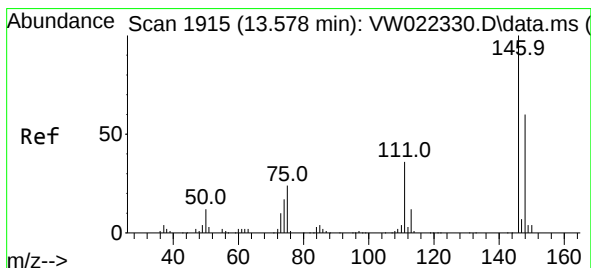
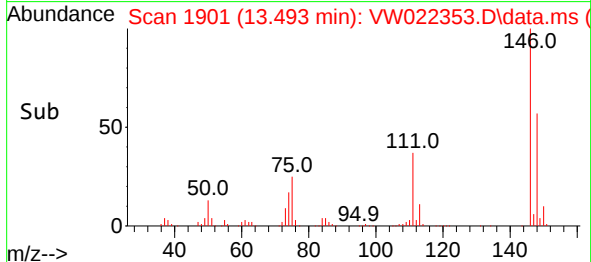
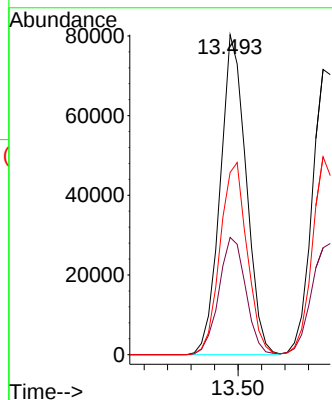
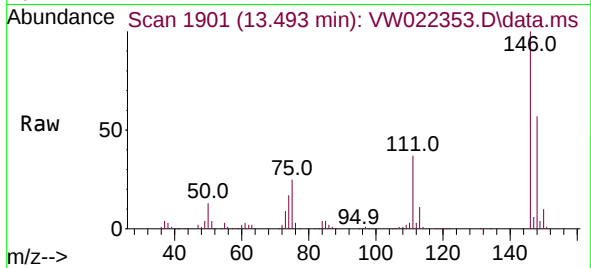




#64
1,3-Dichlorobenzene
Concen: 25.548 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

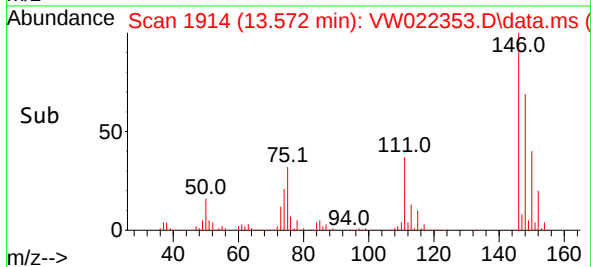
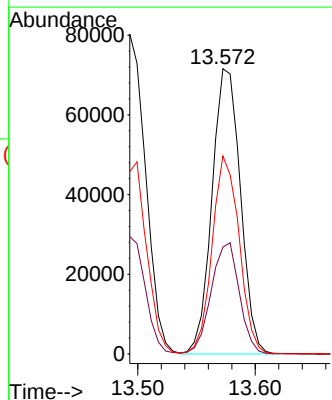
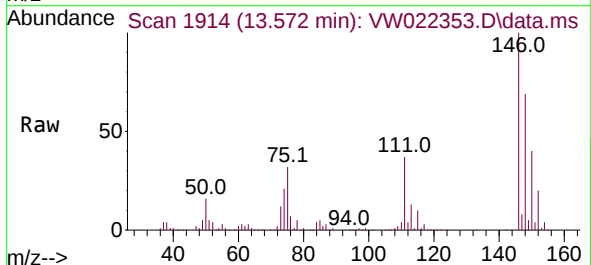
Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

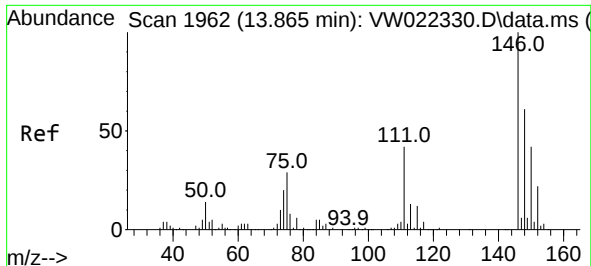
Tgt Ion:146 Resp: 123305
Ion Ratio Lower Upper
146 100
111 36.7 26.9 49.9
148 56.9 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 24.936 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion:146 Resp: 120606
Ion Ratio Lower Upper
146 100
111 37.5 27.5 51.1
148 69.4 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.307 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025587

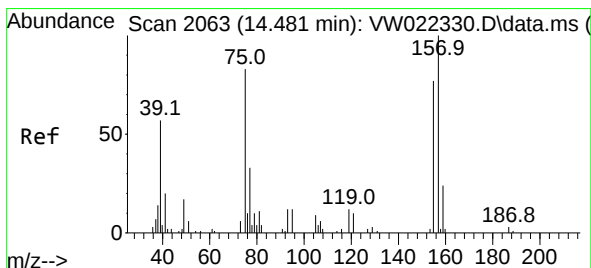
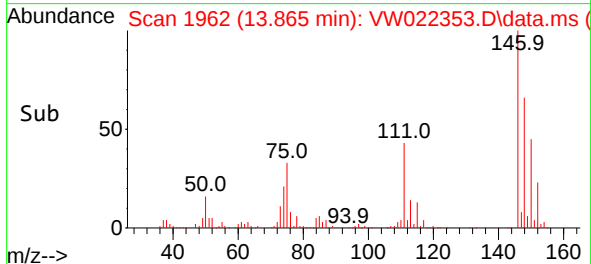
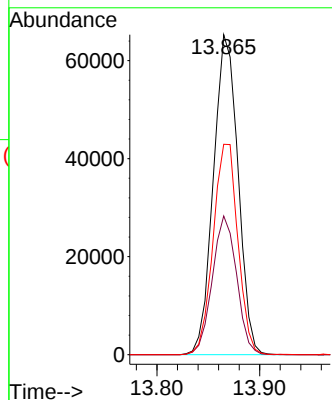
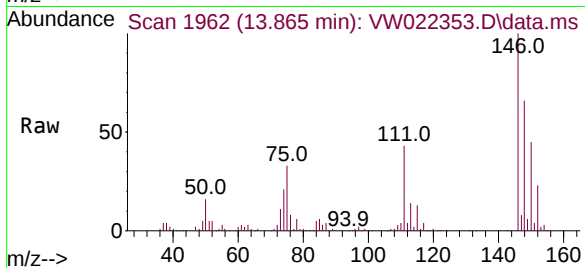
Tgt Ion:146 Resp: 108597

Ion Ratio Lower Upper

146 100

111 43.3 34.8 52.2

148 65.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 27.741 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022353.D

Acq: 16 Mar 2022 12:04

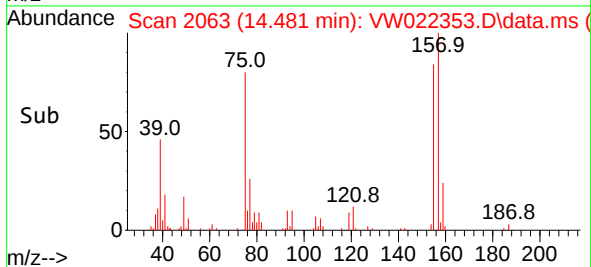
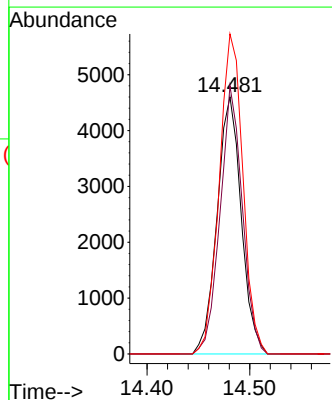
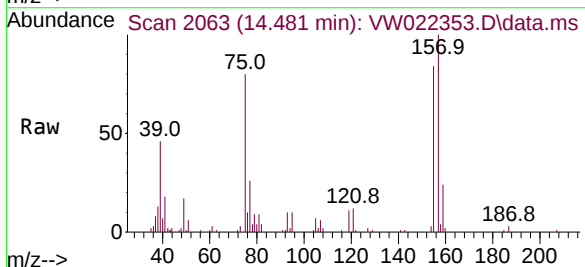
Tgt Ion: 75 Resp: 7502

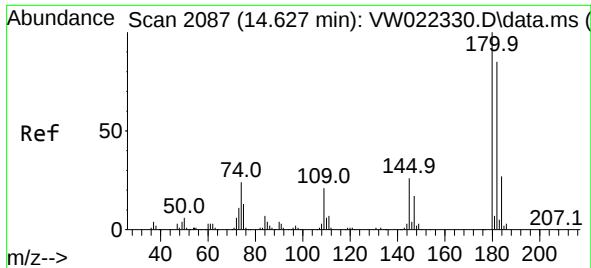
Ion Ratio Lower Upper

75 100

155 104.3 58.2 87.2#

157 124.4 80.5 120.7#

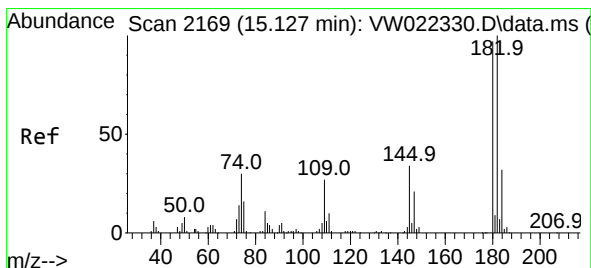
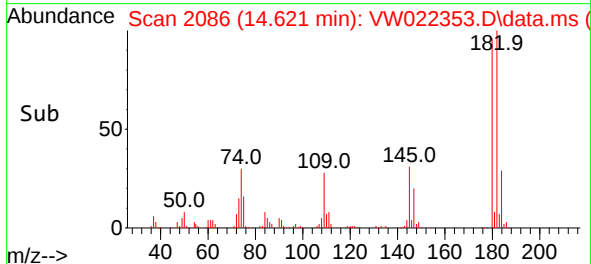
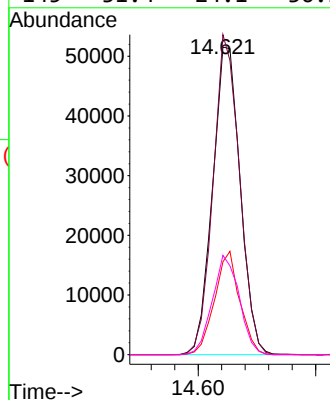
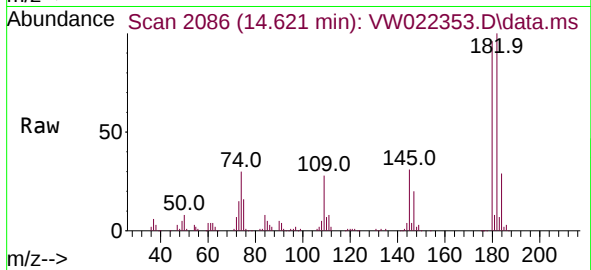




#69
 1,3,5-Trichlorobenzene
 Concen: 24.376 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW022353.D
 Acq: 16 Mar 2022 12:04

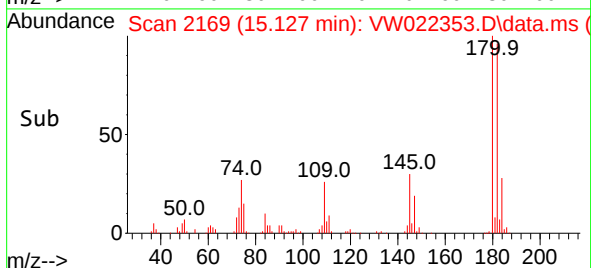
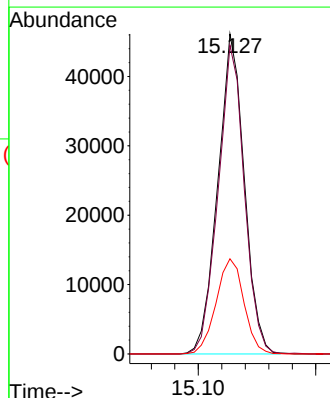
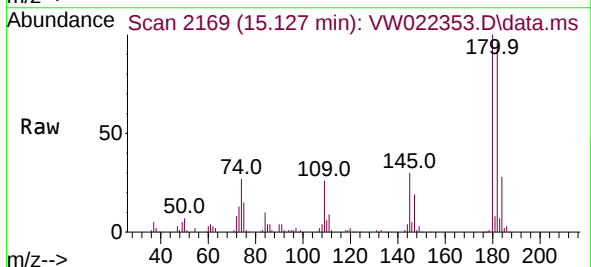
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

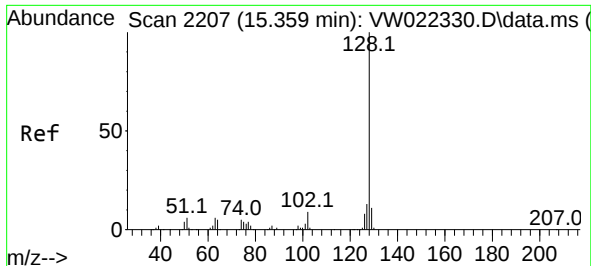
Tgt Ion:180	Resp:	84443
Ion Ratio	Lower	Upper
180	100	
182	99.2	69.4 104.0
184	30.6	21.8 32.8
145	31.4	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 27.547 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022353.D
 Acq: 16 Mar 2022 12:04

Tgt Ion:180	Resp:	72204
Ion Ratio	Lower	Upper
180	100	
182	95.1	77.8 116.6
145	31.2	25.8 38.6

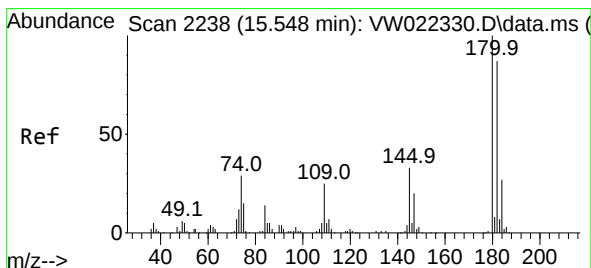
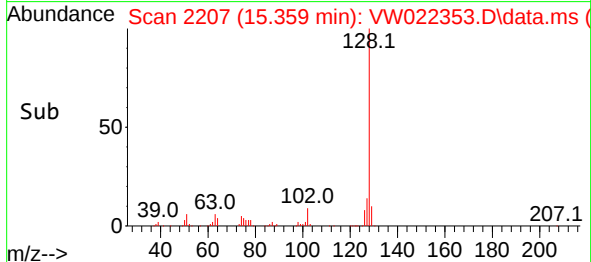
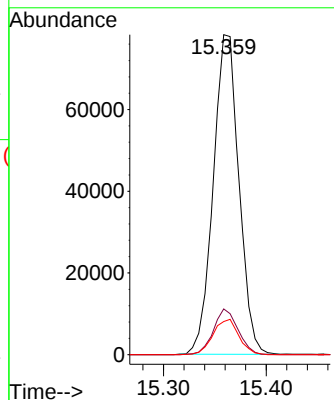
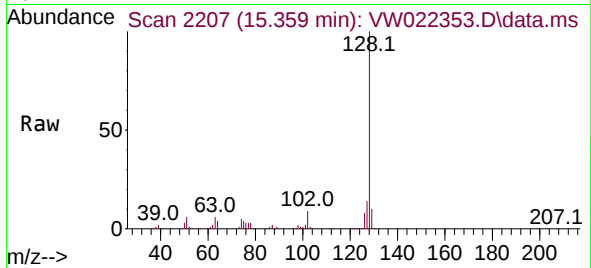




#71
Naphthalene
Concen: 29.284 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

Tgt Ion:128 Resp: 135500
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.6
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 28.034 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW022353.D
Acq: 16 Mar 2022 12:04

Tgt Ion:180 Resp: 63557
Ion Ratio Lower Upper
180 100
182 96.8 79.0 118.4
145 34.1 28.0 42.0

