

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042622\
 Data File : VW022632.D
 Acq On : 26 Apr 2022 18:14
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Quant Time: Apr 27 01:41:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 27 01:34:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	300714	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167664	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	134526	20.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.960%
7) Chloroethane-d5	2.885	69	98839	23.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.880%
11) 1,1-Dichloroethene-d2	4.019	63	186197	21.594	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.360%
21) 2-Butanone-d5	7.080	46	63516	54.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.460%
24) Chloroform-d	7.653	84	232735	24.761	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.040%
26) 1,2-Dichloroethane-d4	8.305	65	127775	23.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.160%
32) Benzene-d6	8.275	84	436864	24.082	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	9.274	67	128123	24.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	10.323	98	426671	24.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.040%
43) trans-1,3-Dichloroprop...	10.579	79	55527	22.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.640%
47) 2-Hexanone-d5	10.920	63	55071	56.383	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122832	27.518	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	145801	24.551	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44934	30.482	ug/L	98
3) Chloromethane	2.215	50	76680	20.864	ug/L	100
5) Vinyl chloride	2.361	62	163729	21.350	ug/L	94
6) Bromomethane	2.776	94	104677	22.454	ug/L	99
8) Chloroethane	2.916	64	83448	24.855	ug/L	100
9) Trichlorofluoromethane	3.251	101	72106	25.467	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	117077	25.968	ug/L	95
12) 1,1-Dichloroethene	4.037	96	101779	25.137	ug/L	93
13) Acetone	4.123	43	43709	55.312	ug/L	94
14) Carbon disulfide	4.385	76	242797	18.228	ug/L	100
15) Methyl Acetate	4.665	43	51065	25.751	ug/L	95
16) Methylene chloride	4.921	84	119721	26.458	ug/L	92
17) trans-1,2-Dichloroethene	5.427	96	114258	24.089	ug/L	92
18) Methyl tert-butyl Ether	5.427	73	196754	25.399	ug/L	96
19) 1,1-Dichloroethane	6.220	63	210435	24.315	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133162	26.582	ug/L	90
22) 2-Butanone	7.171	43	70830	59.346	ug/L	94
23) Bromochloromethane	7.512	128	62174	28.839	ug/L	86
25) Chloroform	7.677	83	242206	26.571	ug/L	96

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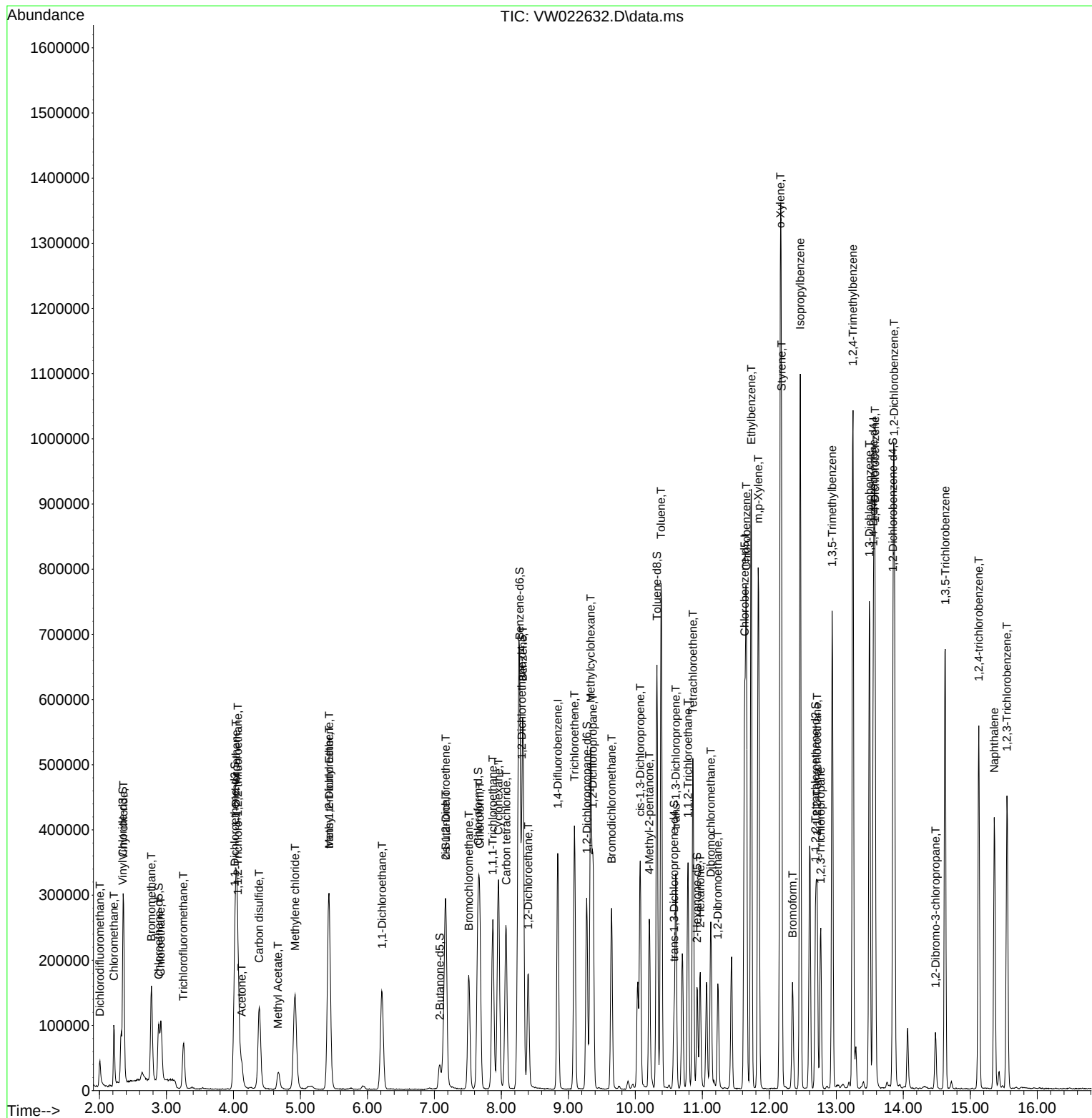
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	158777	24.783	ug/L	98
29) Cyclohexane	7.958	56	173338	20.397	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	200519	24.345	ug/L	98
31) Carbon tetrachloride	8.073	117	183685	24.848	ug/L	96
33) Benzene	8.323	78	488400	24.227	ug/L	100
34) Trichloroethene	9.091	95	135596	25.121	ug/L	94
35) Methylcyclohexane	9.335	83	214797	22.180	ug/L	96
37) 1,2-Dichloropropane	9.366	63	123706	25.615	ug/L	99
38) Bromodichloromethane	9.646	83	178420	25.690	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	195608	25.525	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	165017	55.989	ug/L	96
42) Toluene	10.384	91	568808	24.624	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	172365	25.119	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	103955	28.204	ug/L	99
46) Tetrachloroethene	10.859	164	96655	24.361	ug/L	97
48) 2-Hexanone	10.969	43	109860	52.836	ug/L	96
49) Dibromochloromethane	11.128	129	128040	29.128	ug/L	98
50) 1,2-Dibromoethane	11.231	107	103327	28.390	ug/L	92
51) Chlorobenzene	11.658	112	384156	27.214	ug/L	95
52) Ethylbenzene	11.731	91	649718	25.093	ug/L	94
53) m,p-Xylene	11.835	106	252054	25.602	ug/L	89
54) o-Xylene	12.164	106	246331	26.183	ug/L	99
55) Styrene	12.182	104	430515	26.784	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	129966	28.729	ug/L	99
59) Bromoform	12.347	173	67562	27.118	ug/L	99
60) Isopropylbenzene	12.463	105	685976	24.630	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	96743	27.125	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	376335	24.570	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	571148	24.521	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	289471	25.609	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	299000	26.523	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	273717	27.077	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20716	25.044	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.627	180	193991	26.304	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	160265	25.875	ug/L	97
71) Naphthalene	15.359	128	345188	26.423	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	136578	25.797	ug/L	97

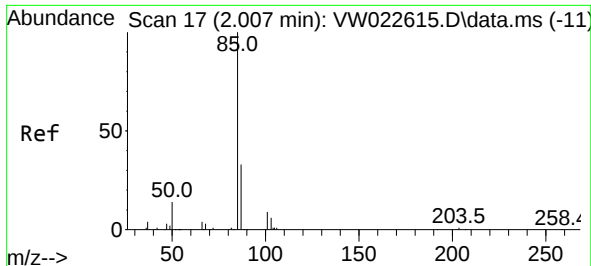
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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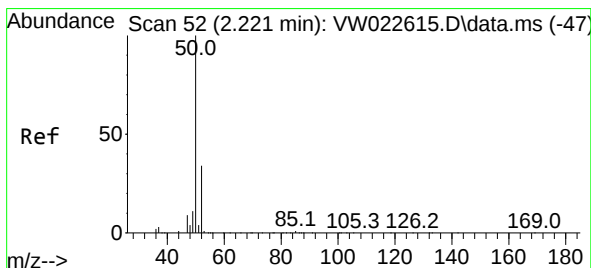
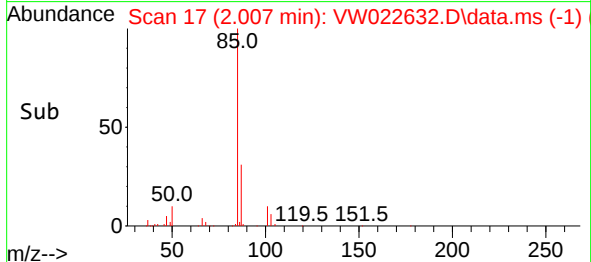
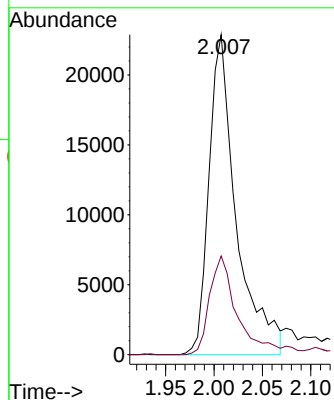
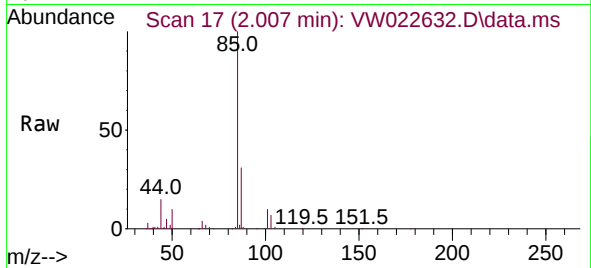




#2
 Dichlorodifluoromethane
 Concen: 30.482 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022632.D
 Acq: 26 Apr 2022 18:14

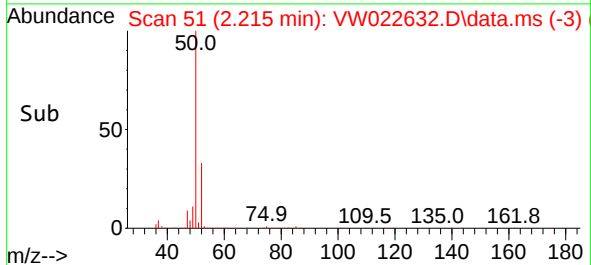
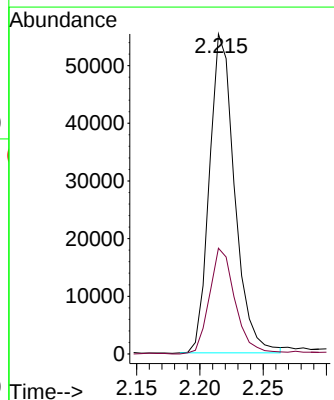
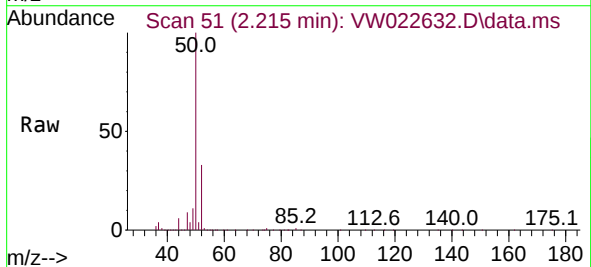
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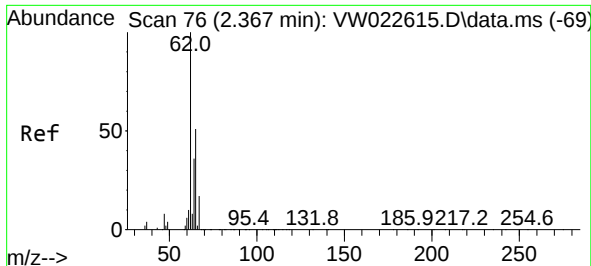
Tgt Ion: 85 Resp: 44934
 Ion Ratio Lower Upper
 85 100
 87 30.7 23.7 35.5



#3
 Chloromethane
 Concen: 20.864 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW022632.D
 Acq: 26 Apr 2022 18:14

Tgt Ion: 50 Resp: 76680
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.6

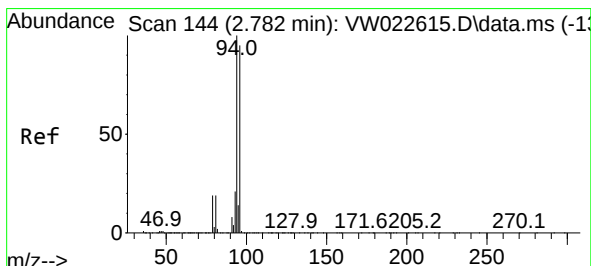
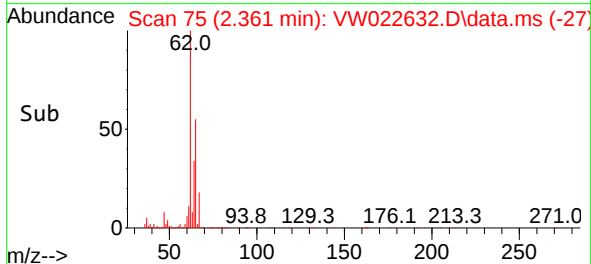
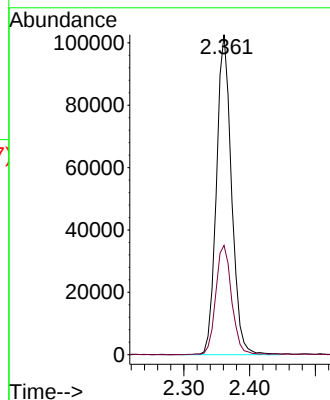
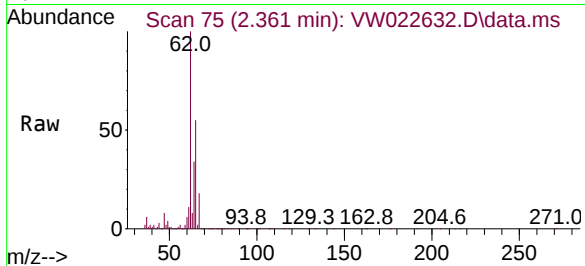




#5
 Vinyl chloride
 Concen: 21.350 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW022632.D
 Acq: 26 Apr 2022 18:14

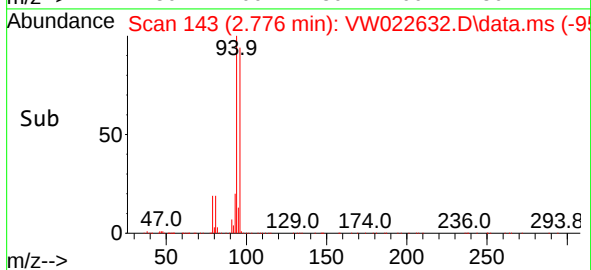
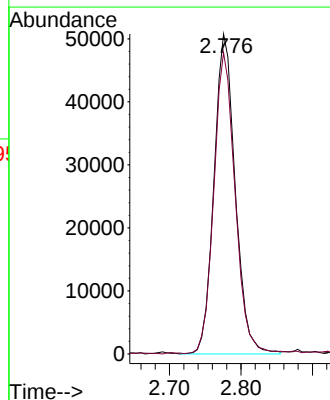
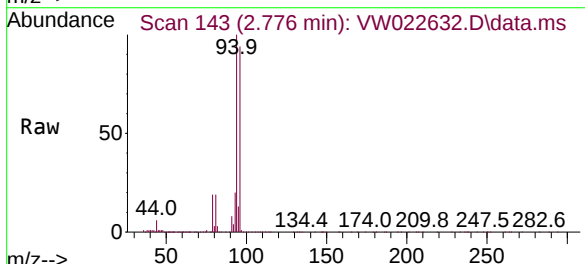
Instrument :
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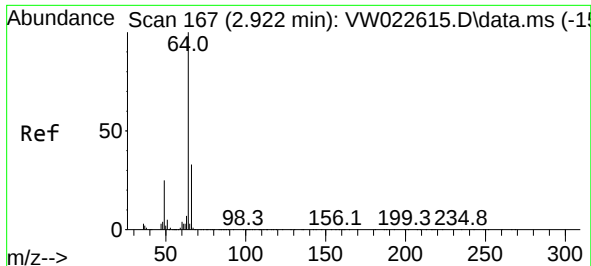
Tgt Ion: 62 Resp: 163729
 Ion Ratio Lower Upper
 62 100
 64 34.2 26.5 49.3



#6
 Bromomethane
 Concen: 22.454 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022632.D
 Acq: 26 Apr 2022 18:14

Tgt Ion: 94 Resp: 104677
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.6 123.6

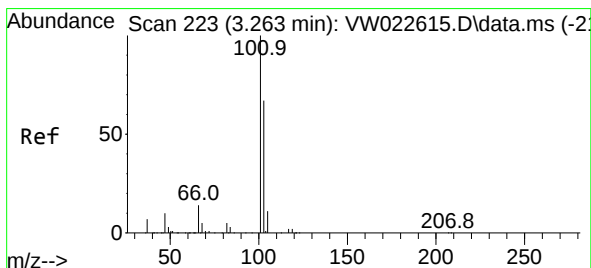
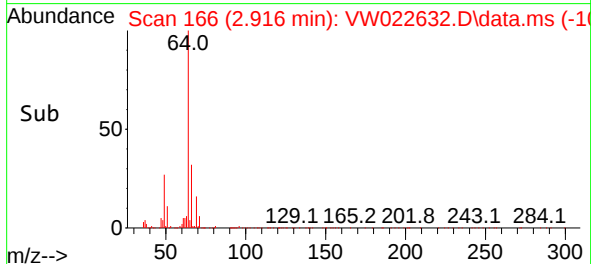
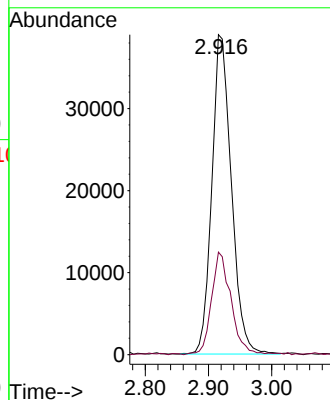
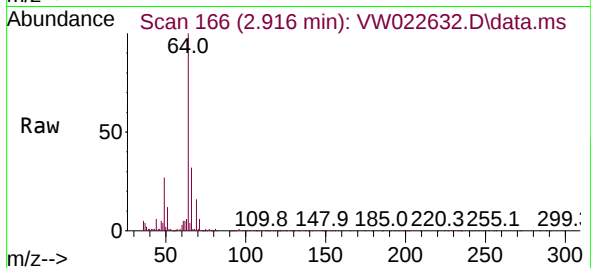




#8
Chloroethane
Concen: 24.855 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022632.D
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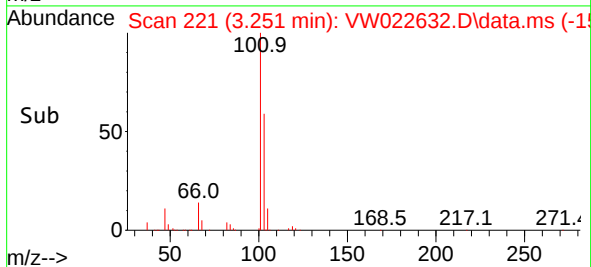
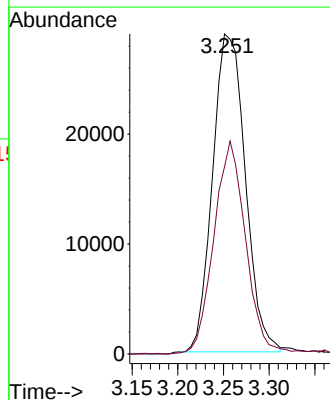
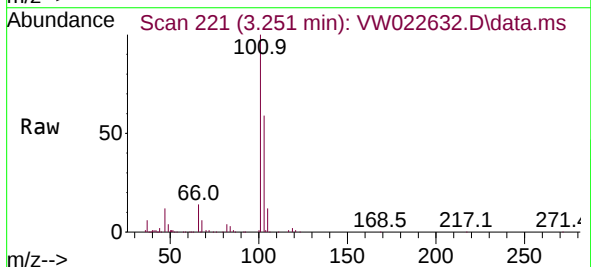
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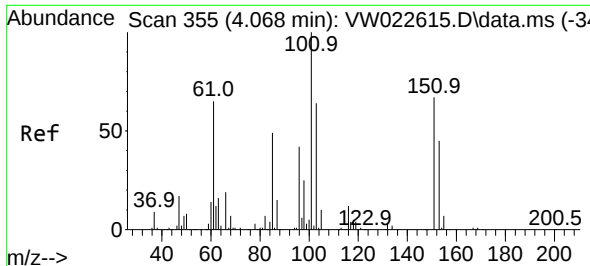
Tgt Ion: 64 Resp: 83448
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 25.467 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion: 101 Resp: 72106
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

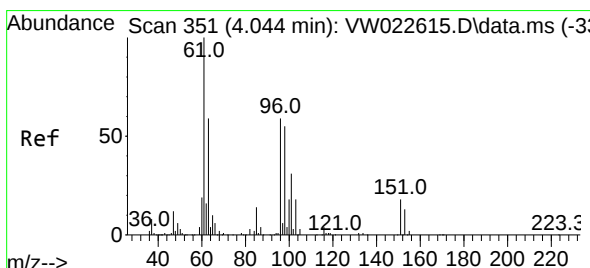
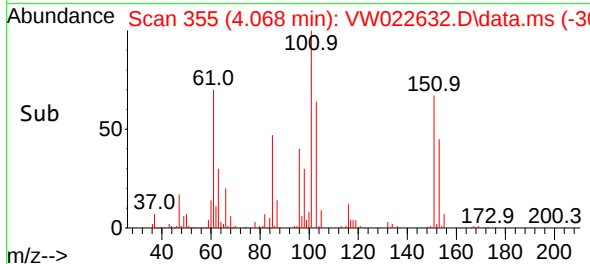
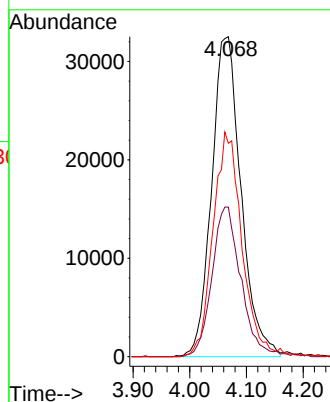
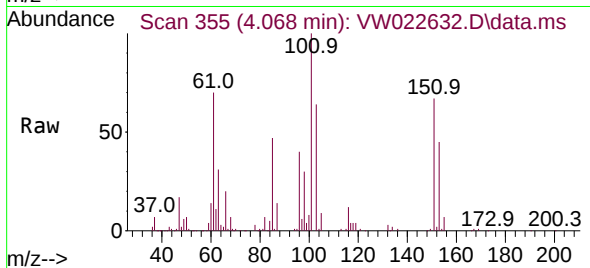




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.968 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW022632.D
 Acq: 26 Apr 2022 18:14

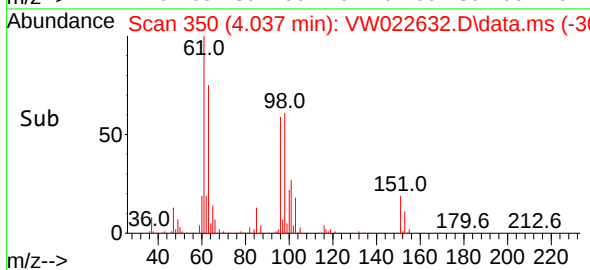
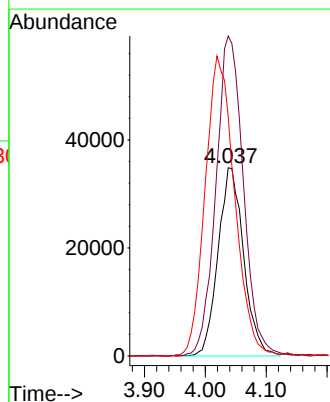
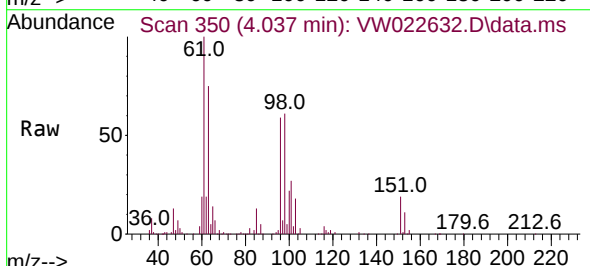
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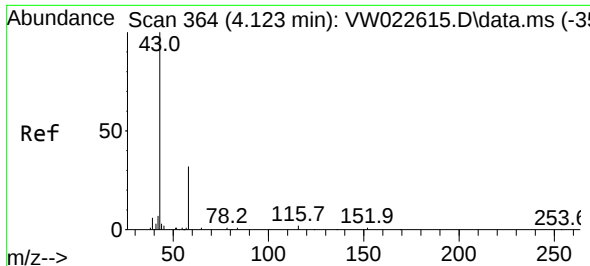
Tgt Ion:101 Resp: 117077
 Ion Ratio Lower Upper
 101 100
 85 45.6 39.2 58.8
 151 68.6 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 25.137 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022632.D
 Acq: 26 Apr 2022 18:14

Tgt Ion: 96 Resp: 101779
 Ion Ratio Lower Upper
 96 100
 61 170.0 128.0 237.6
 63 127.1 86.6 160.8

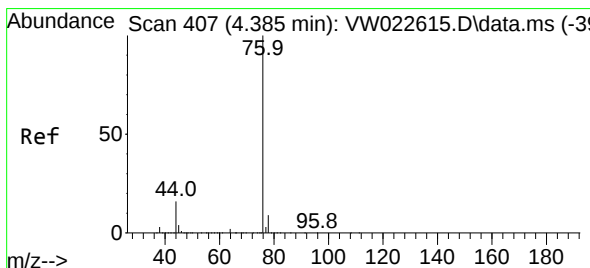
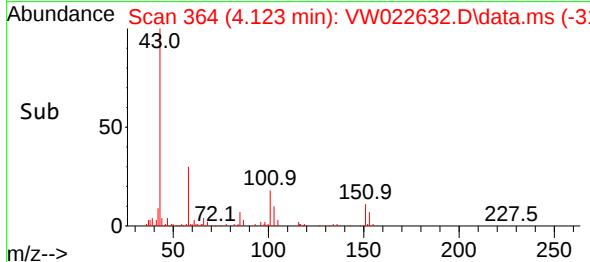
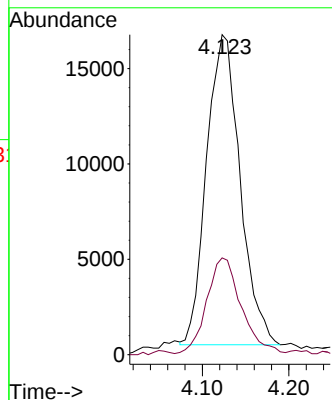
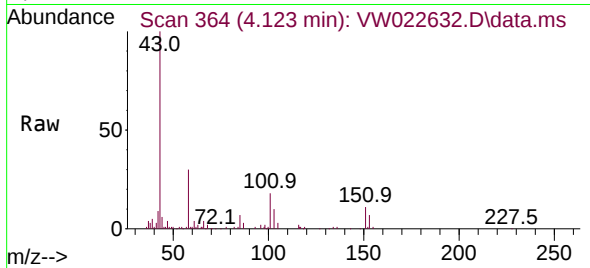




#13
Acetone
Concen: 55.312 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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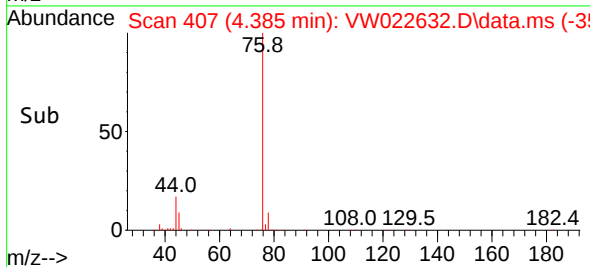
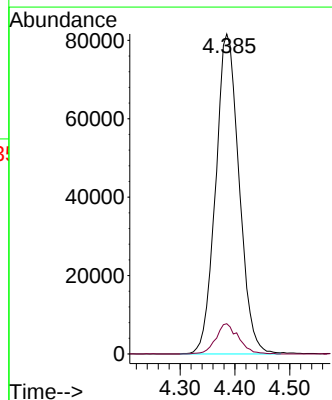
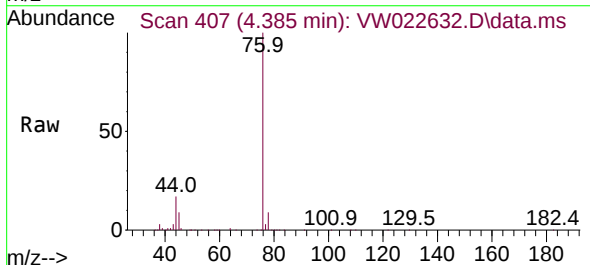
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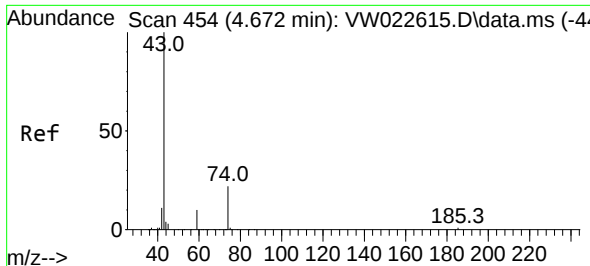
Tgt Ion: 43 Resp: 43709
Ion Ratio Lower Upper
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58 31.8 0.0 57.0



#14
Carbon disulfide
Concen: 18.228 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 242797
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

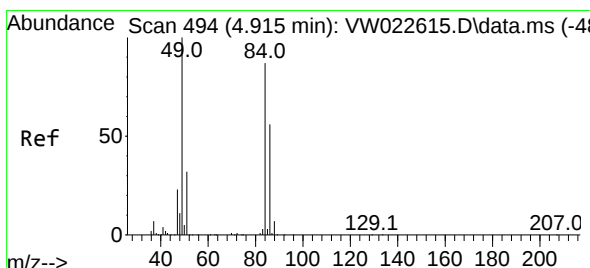
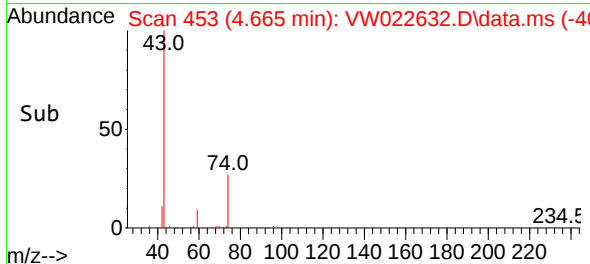
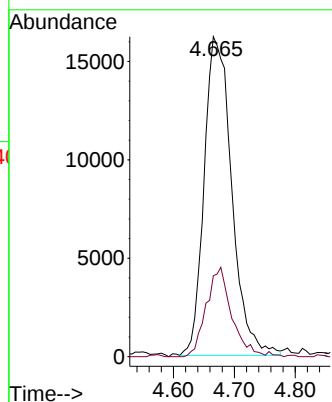
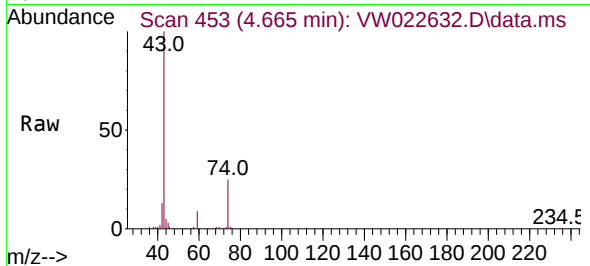




#15
Methyl Acetate
Concen: 25.751 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

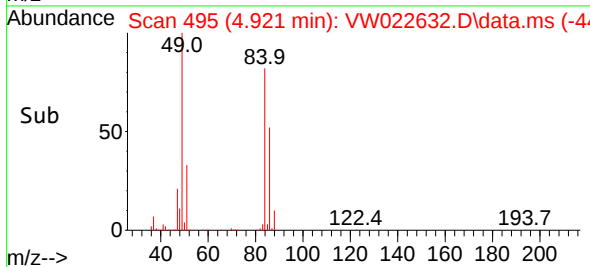
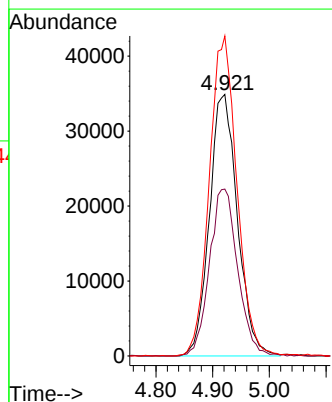
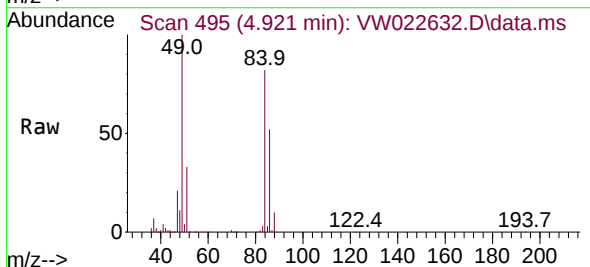
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

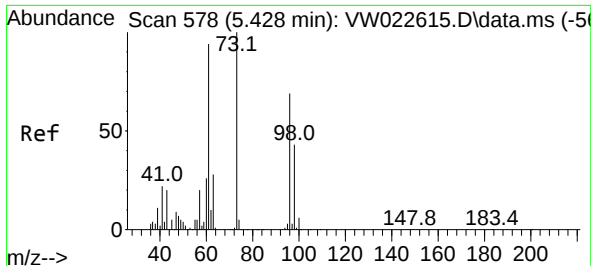
Tgt Ion: 43 Resp: 51065
Ion Ratio Lower Upper
43 100
74 25.6 18.5 27.7



#16
Methylene chloride
Concen: 26.458 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion: 84 Resp: 119721
Ion Ratio Lower Upper
84 100
86 63.8 42.8 79.4
49 122.3 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 24.089 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

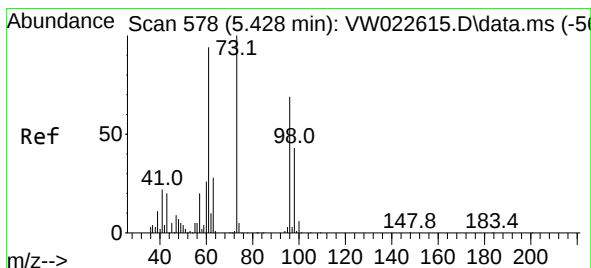
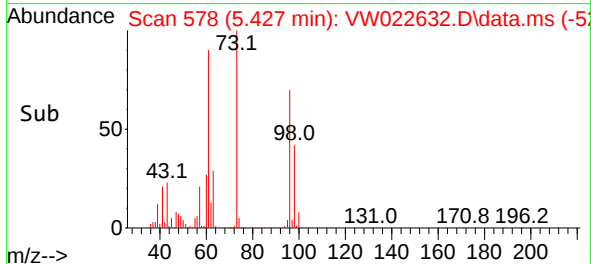
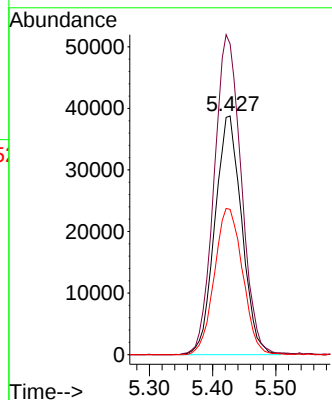
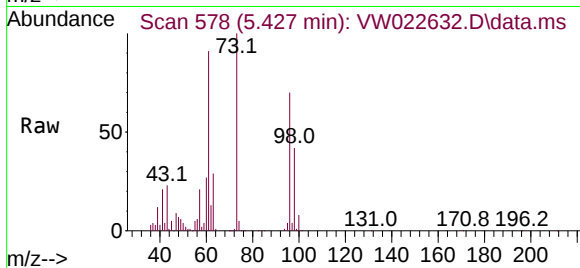
Tgt Ion: 96 Resp: 114258

Ion Ratio Lower Upper

96 100

61 130.1 99.8 185.4

98 60.9 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 25.399 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

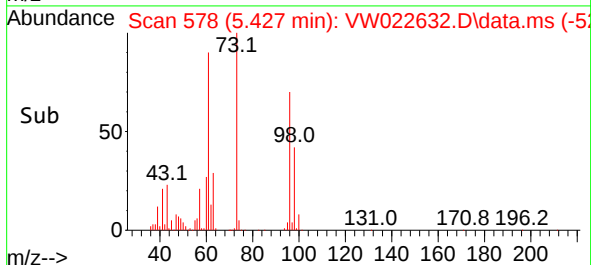
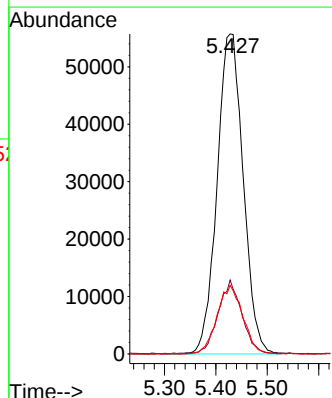
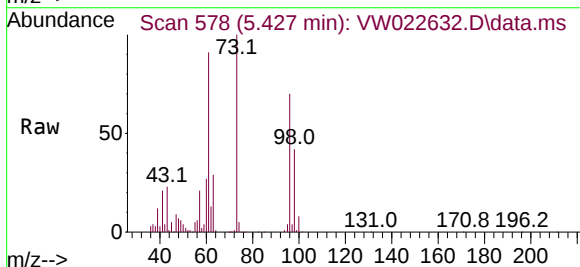
Tgt Ion: 73 Resp: 196754

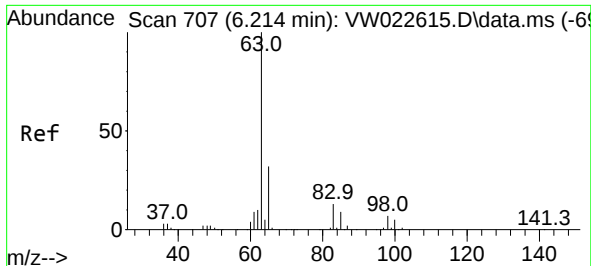
Ion Ratio Lower Upper

73 100

43 20.9 18.8 28.2

57 21.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.315 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

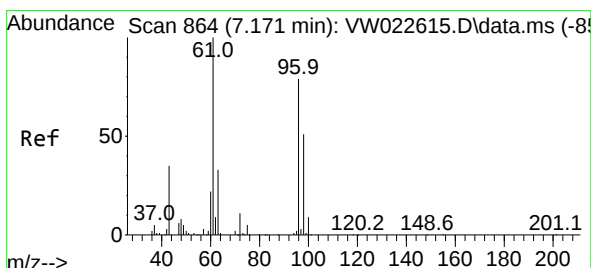
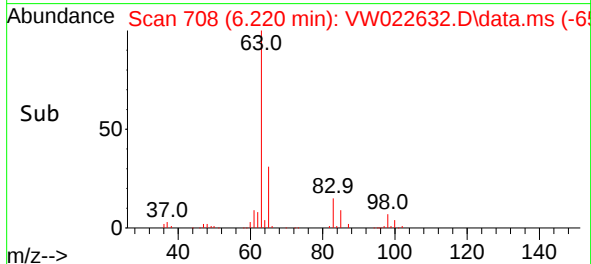
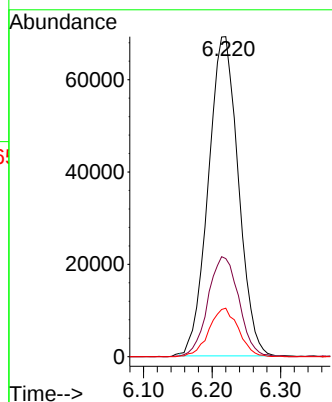
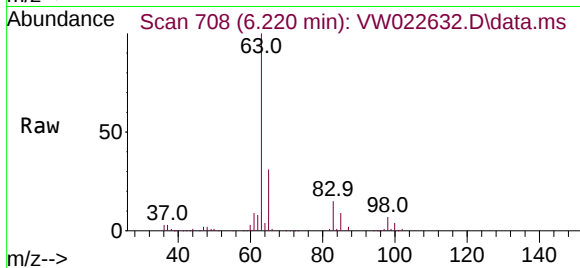
Tgt Ion: 63 Resp: 210435

Ion Ratio Lower Upper

63 100

65 30.6 21.1 39.3

83 15.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 26.582 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

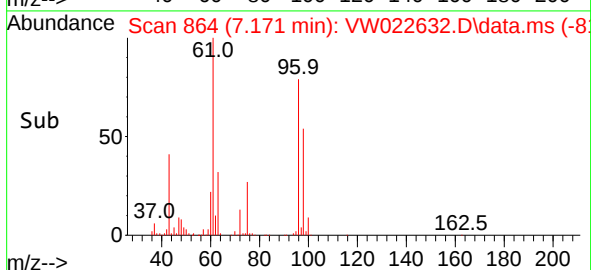
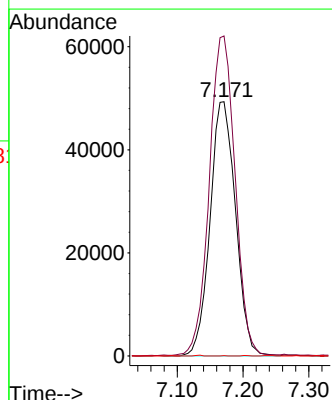
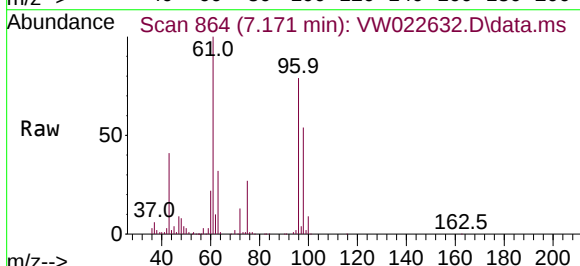
Tgt Ion: 96 Resp: 133162

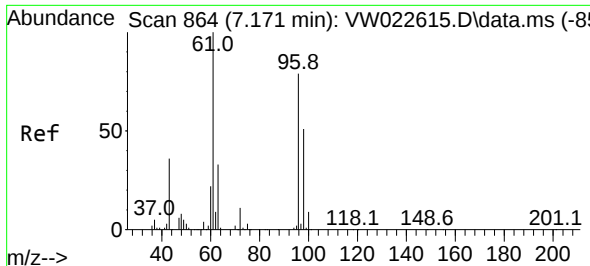
Ion Ratio Lower Upper

96 100

61 125.8 96.4 179.0

68 0.2 0.1 0.3

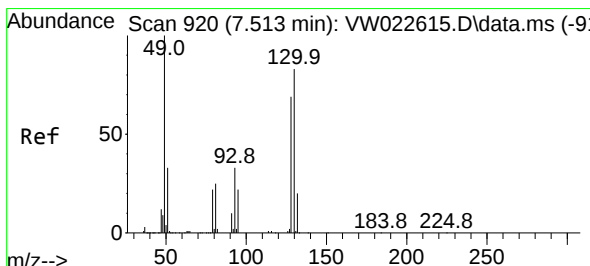
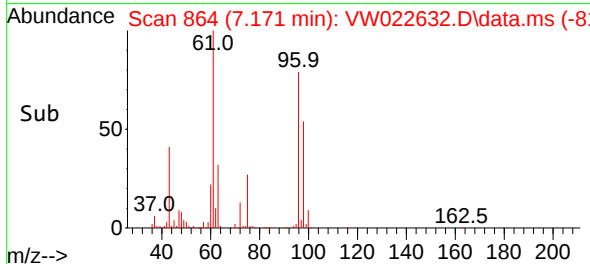
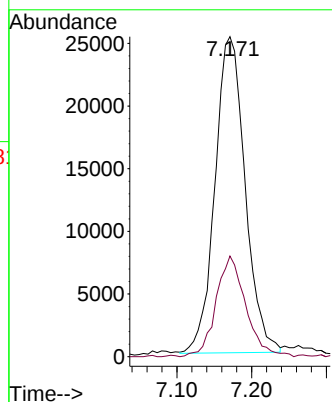
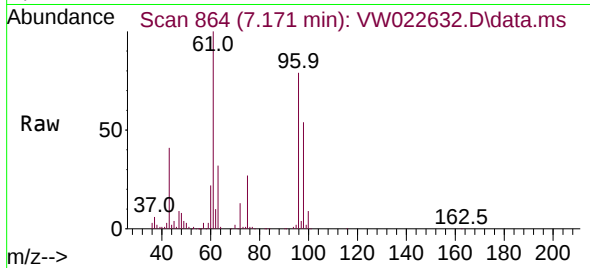




#22
2-Butanone
Concen: 59.346 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

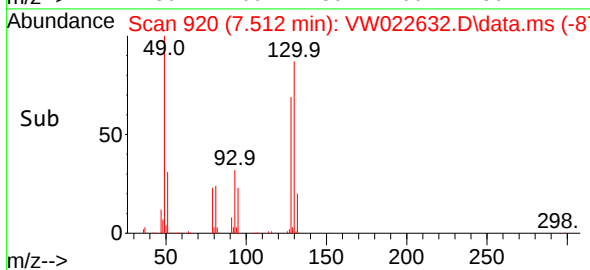
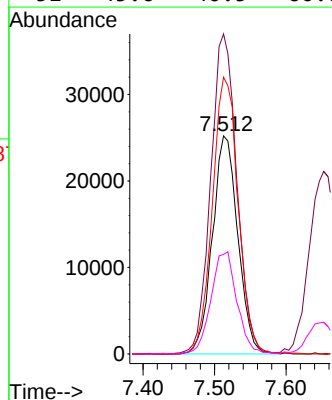
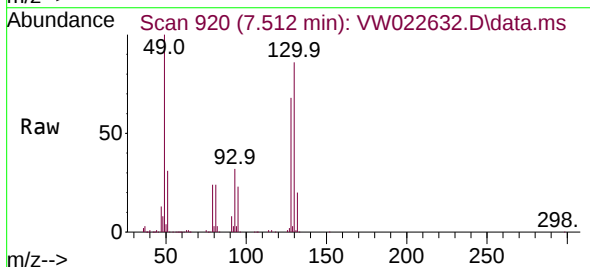
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

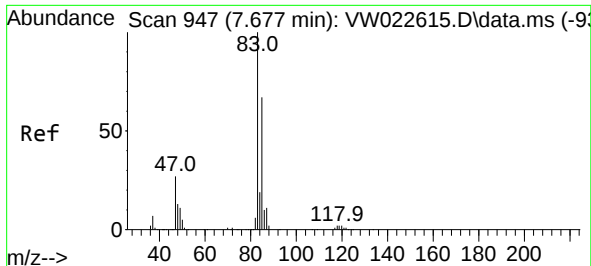
Tgt Ion: 43 Resp: 70830
Ion Ratio Lower Upper
43 100
72 31.3 14.0 42.0



#23
Bromochloromethane
Concen: 28.839 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion: 128 Resp: 62174
Ion Ratio Lower Upper
128 100
49 146.7 120.8 224.3
130 126.9 81.8 151.8
51 45.6 40.5 60.7

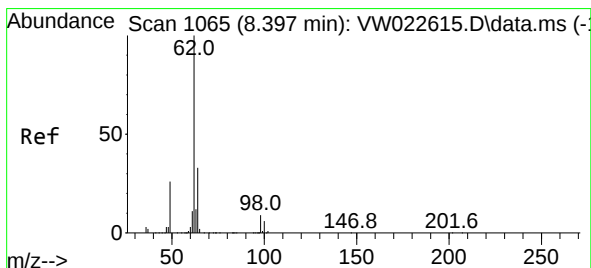
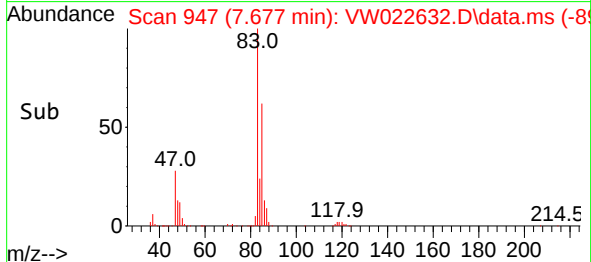
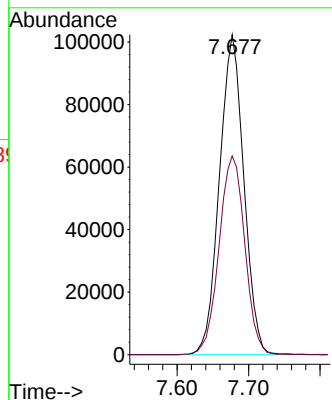
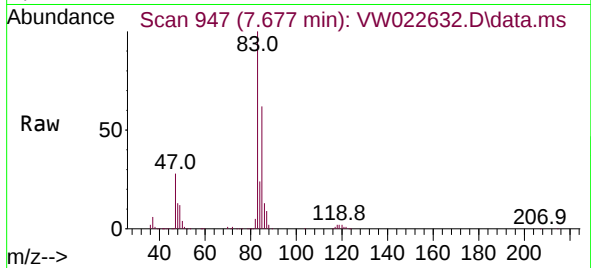




#25
Chloroform
Concen: 26.571 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

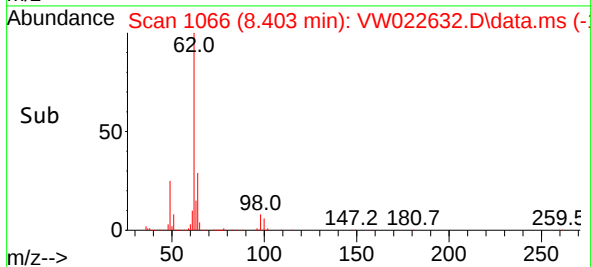
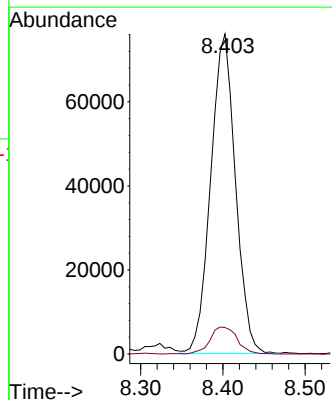
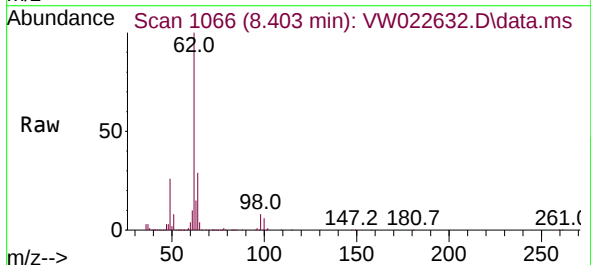
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

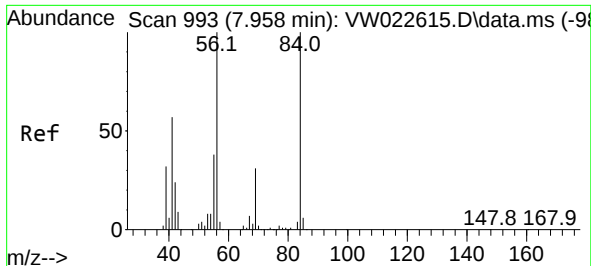
Tgt Ion: 83 Resp: 242206
Ion Ratio Lower Upper
83 100
85 62.1 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.783 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

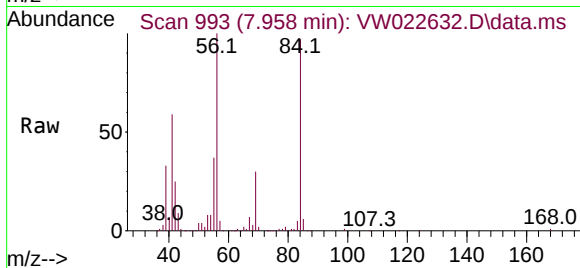
Tgt Ion: 62 Resp: 158777
Ion Ratio Lower Upper
62 100
98 8.2 6.2 9.2





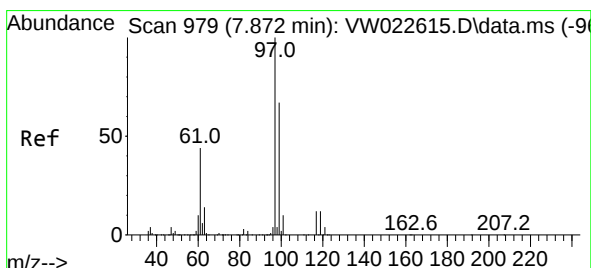
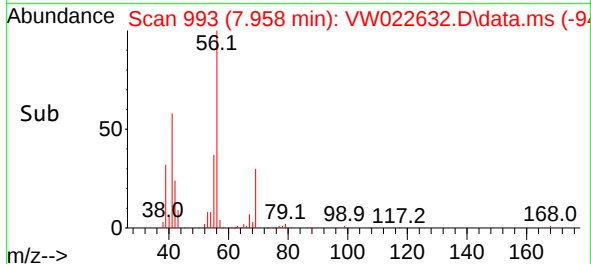
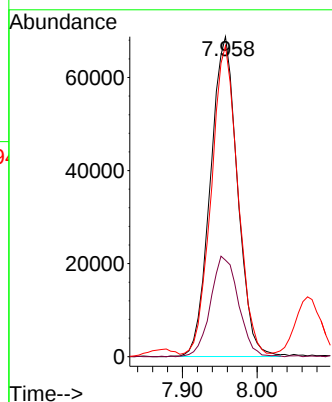
#29
Cyclohexane
Concen: 20.397 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500



Tgt Ion: 56 Resp: 173338

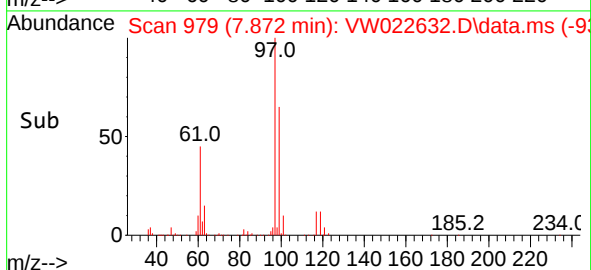
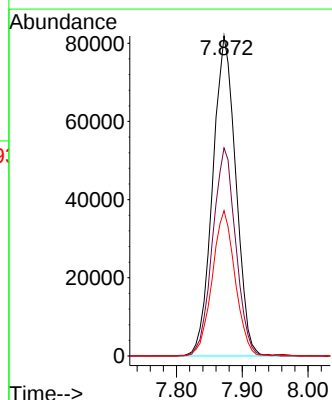
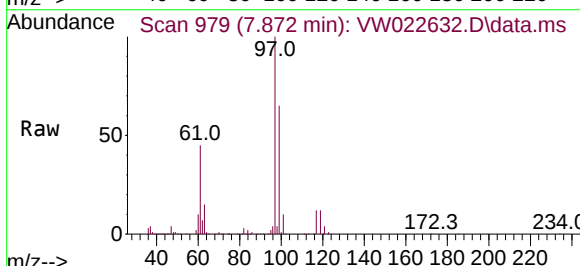
Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.4	36.6
84	95.8	72.6	108.8

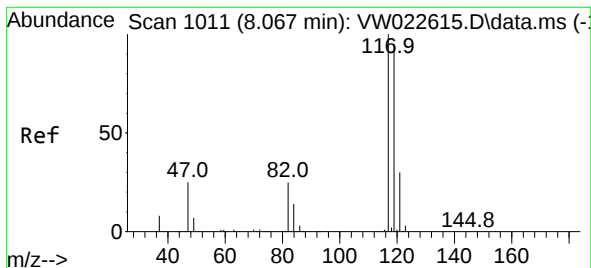


#30
1,1,1-Trichloroethane
Concen: 24.345 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion: 97 Resp: 200519

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	45.0	38.7	58.1





#31

Carbon tetrachloride

Concen: 24.848 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

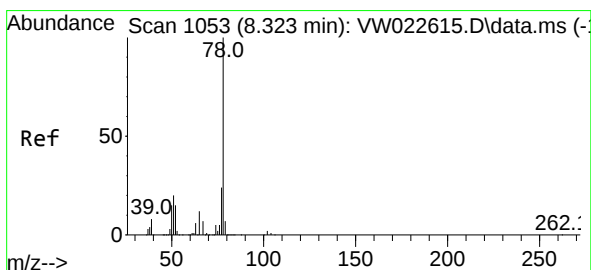
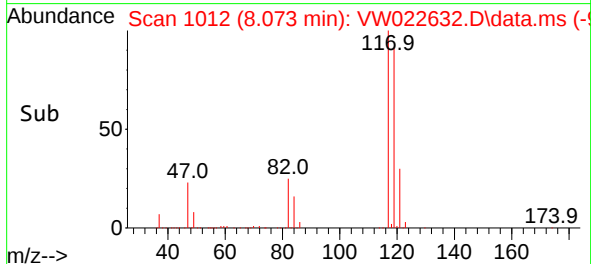
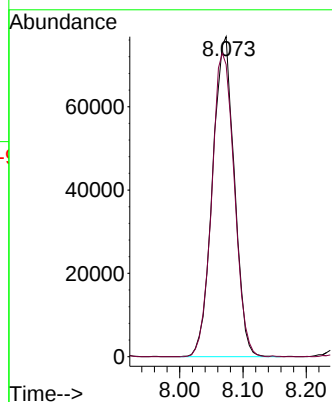
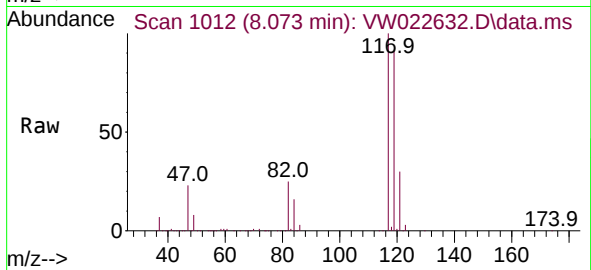
VSTD025500

Tgt Ion:117 Resp: 183685

Ion Ratio Lower Upper

117 100

119 98.3 75.5 113.3



#33

Benzene

Concen: 24.227 ug/L

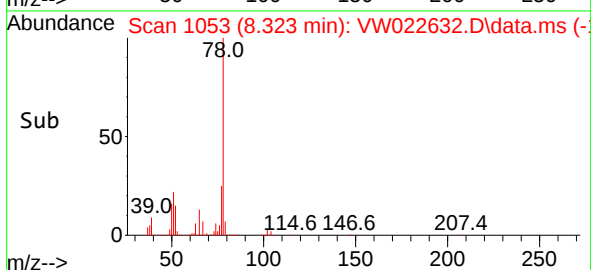
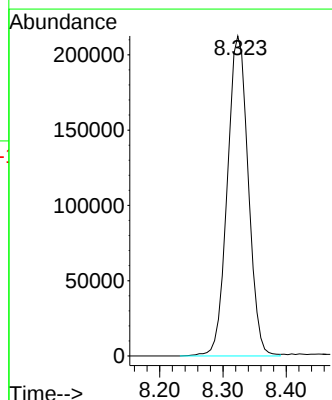
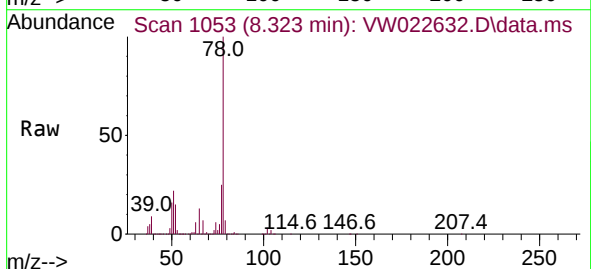
RT: 8.323 min Scan# 1053

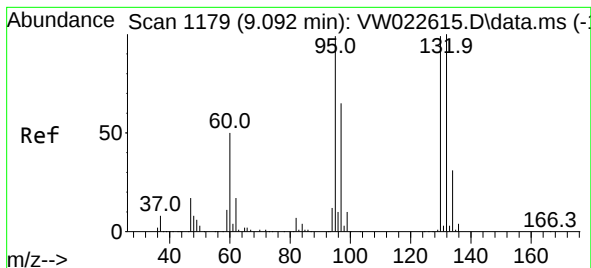
Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Tgt Ion: 78 Resp: 488400





#34

Trichloroethene

Concen: 25.121 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

Tgt Ion: 95 Resp: 135596

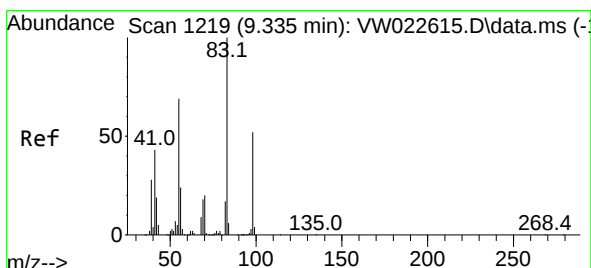
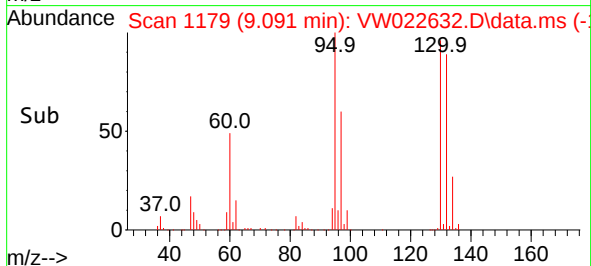
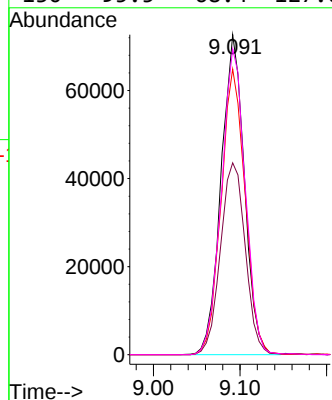
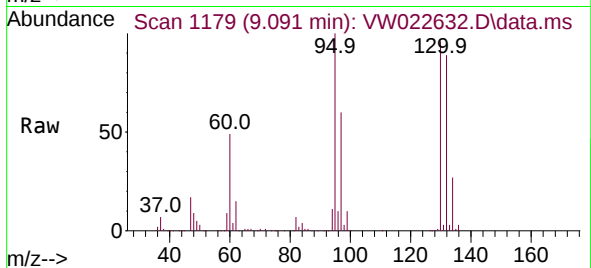
Ion Ratio Lower Upper

95 100

97 60.0 46.4 86.2

132 89.2 67.4 125.2

130 95.5 68.4 127.0



#35

Methylcyclohexane

Concen: 22.180 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

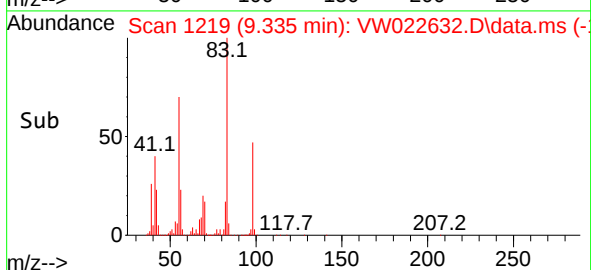
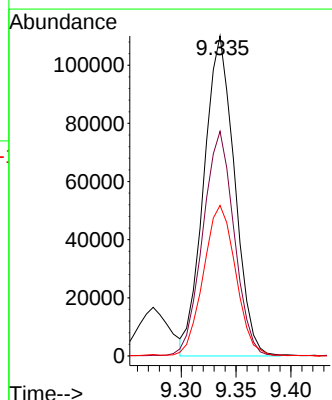
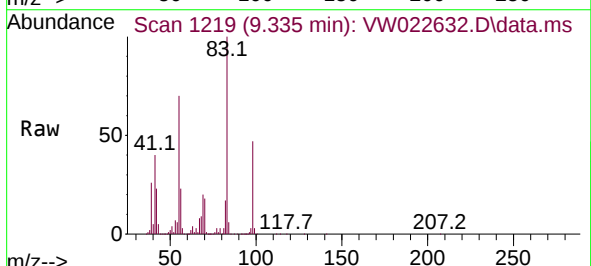
Tgt Ion: 83 Resp: 214797

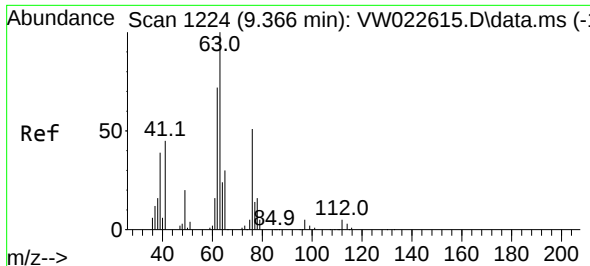
Ion Ratio Lower Upper

83 100

55 71.6 61.0 91.6

98 49.4 39.2 58.8





#37

1,2-Dichloropropane

Concen: 25.615 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

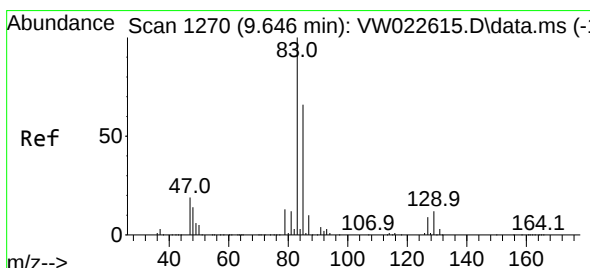
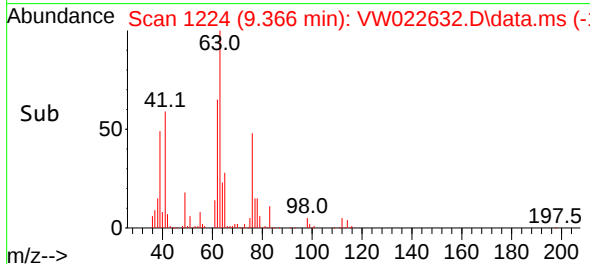
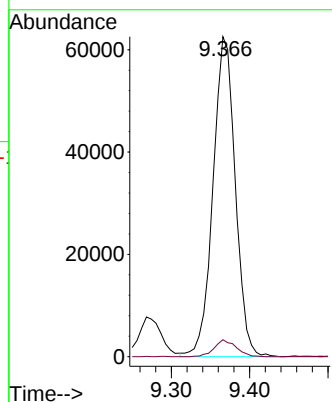
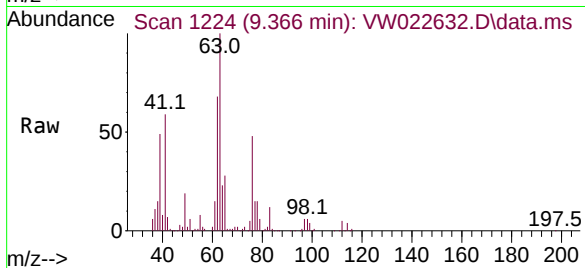
VSTD025500

Tgt Ion: 63 Resp: 123706

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 25.690 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

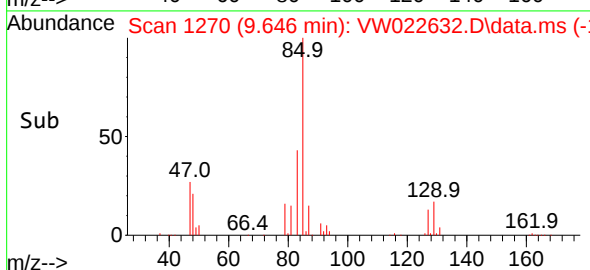
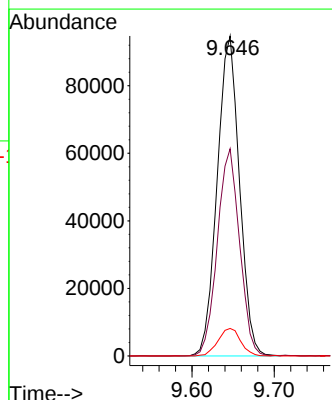
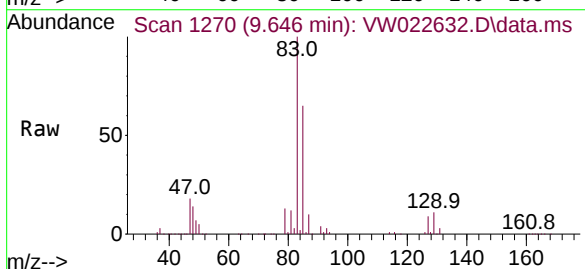
Tgt Ion: 83 Resp: 178420

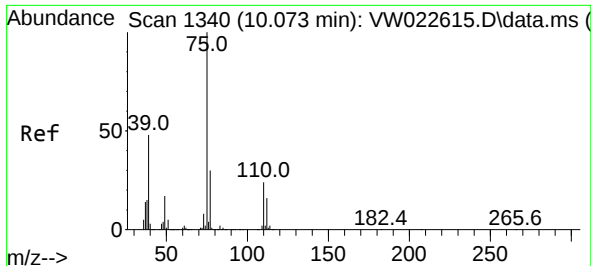
Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0

127 8.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.525 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

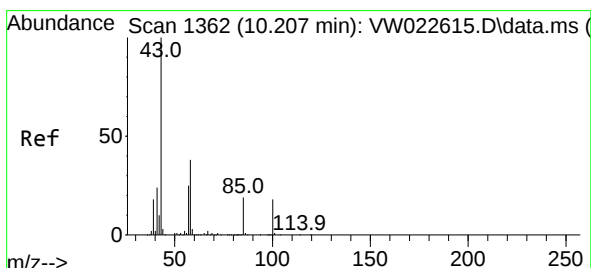
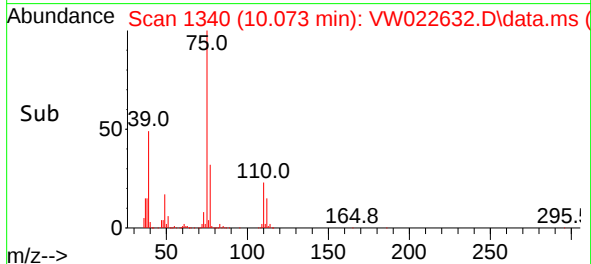
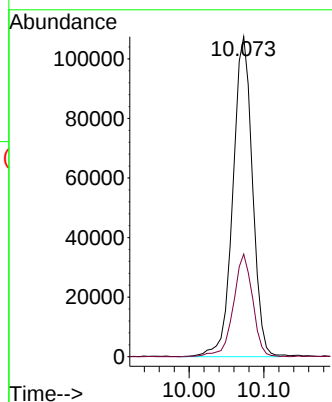
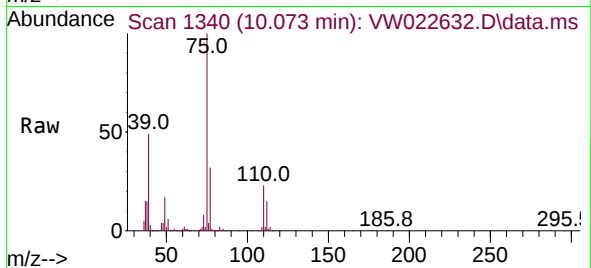
VSTD025500

Tgt Ion: 75 Resp: 195608

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 55.989 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

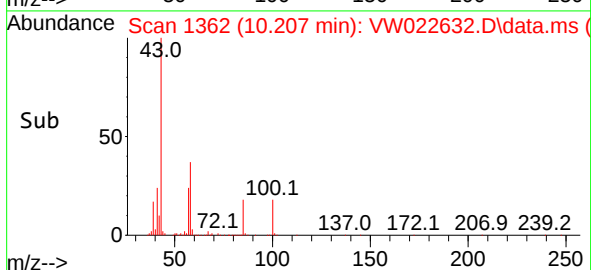
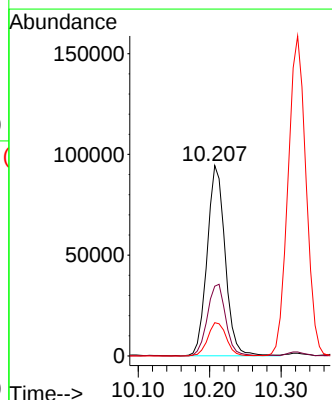
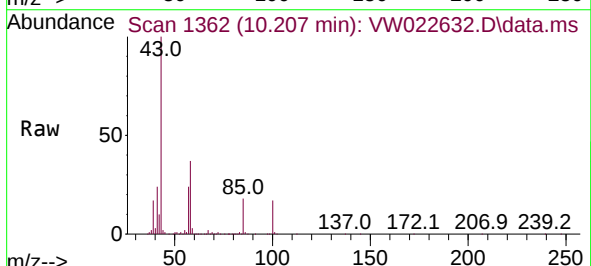
Tgt Ion: 43 Resp: 165017

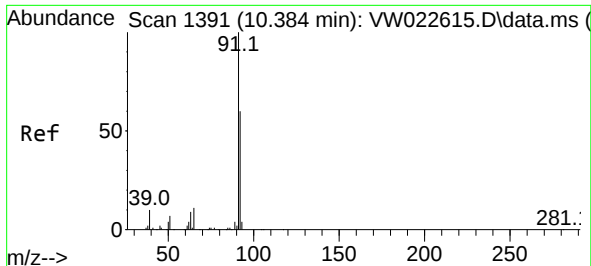
Ion Ratio Lower Upper

43 100

58 38.6 29.3 43.9

100 18.1 12.2 18.4

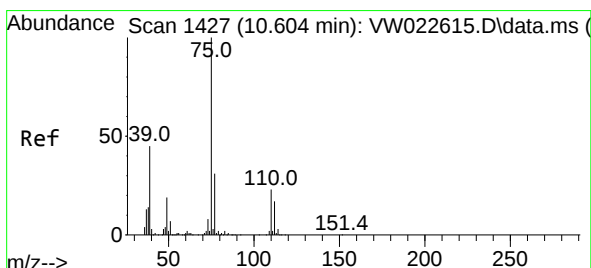
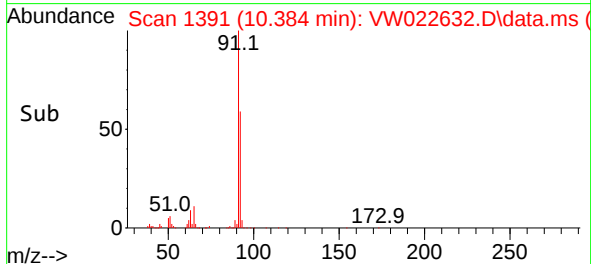
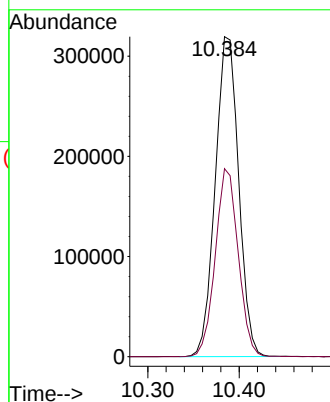
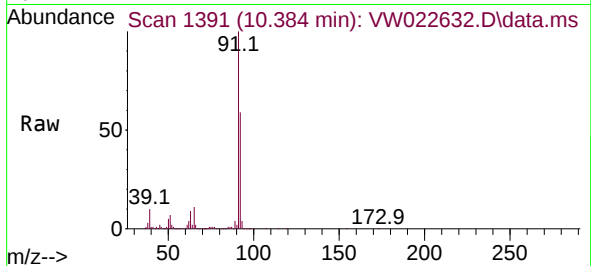




#42
Toluene
Concen: 24.624 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

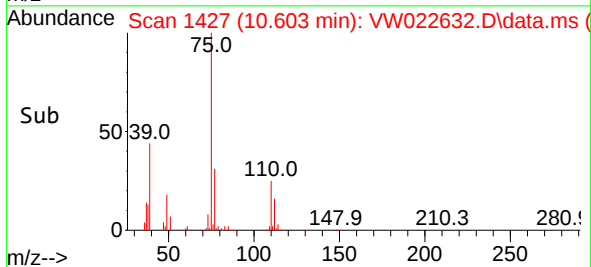
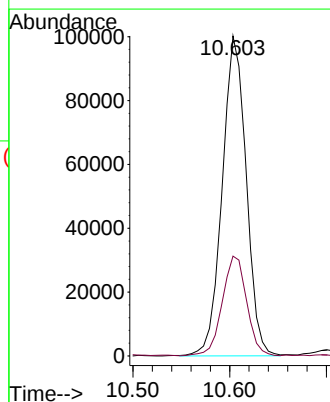
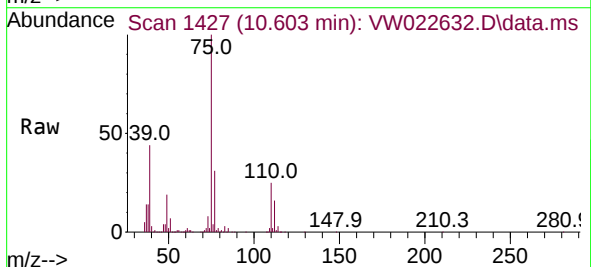
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

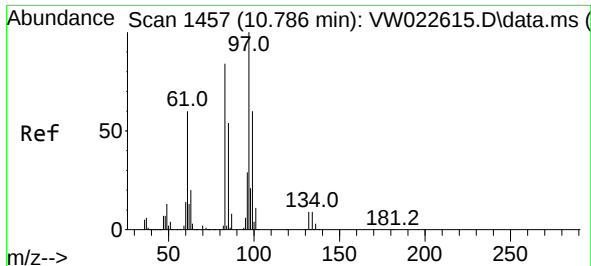
Tgt Ion: 91 Resp: 568808
Ion Ratio Lower Upper
91 100
92 58.7 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 25.119 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion: 75 Resp: 172365
Ion Ratio Lower Upper
75 100
77 31.2 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 28.204 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

Tgt Ion: 97 Resp: 103955

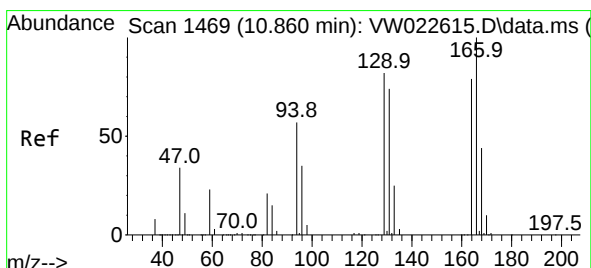
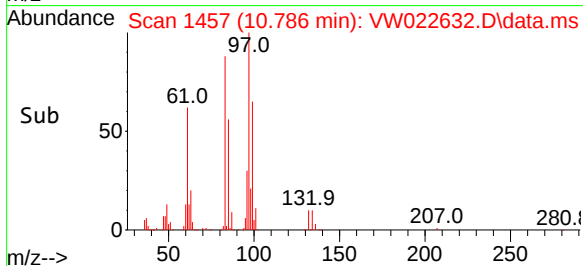
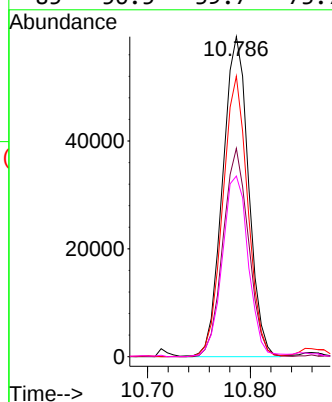
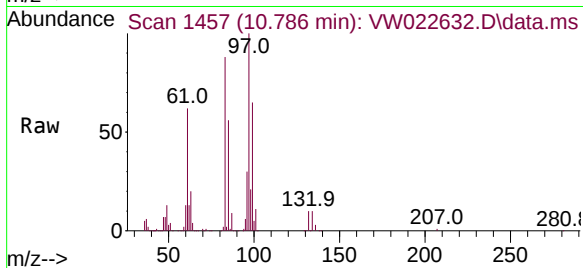
Ion Ratio Lower Upper

97 100

99 65.1 46.0 85.4

83 87.6 60.6 112.6

85 56.5 39.7 73.7



#46

Tetrachloroethene

Concen: 24.361 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Tgt Ion:164 Resp: 96655

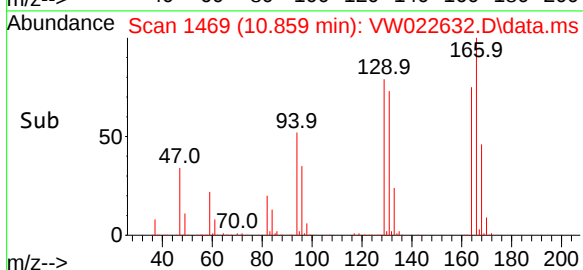
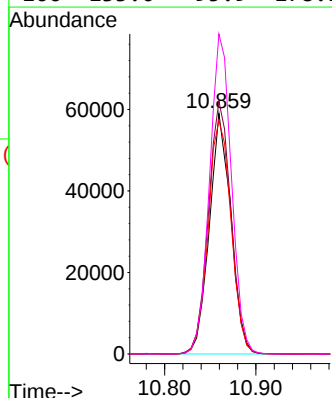
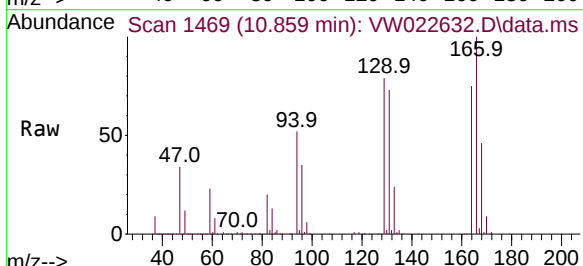
Ion Ratio Lower Upper

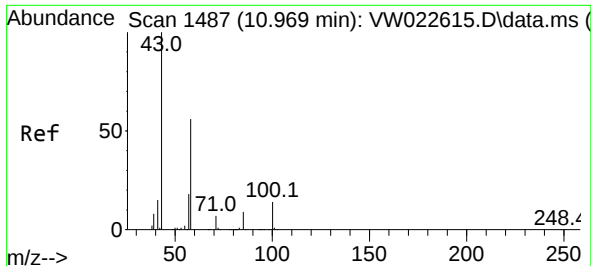
164 100

129 105.0 74.1 137.7

131 97.0 71.4 132.6

166 133.0 95.9 178.1



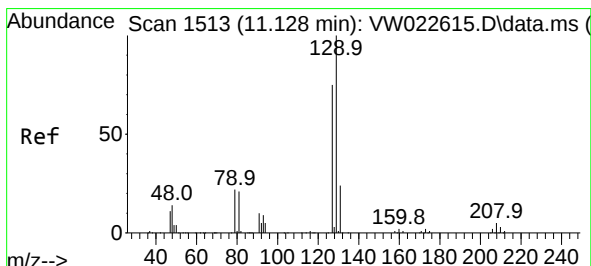
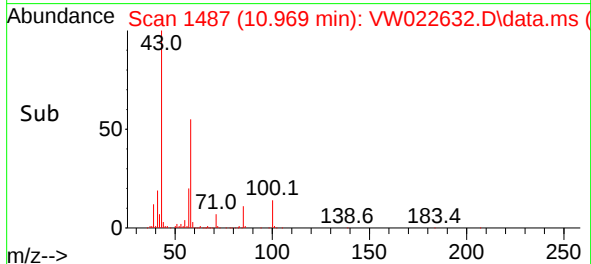
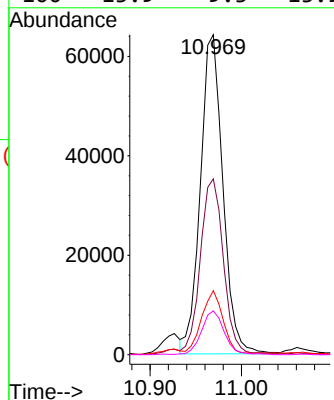
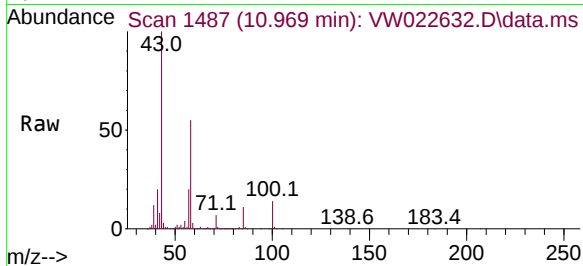


#48
2-Hexanone
Concen: 52.836 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Tgt Ion: 43 Resp: 109860

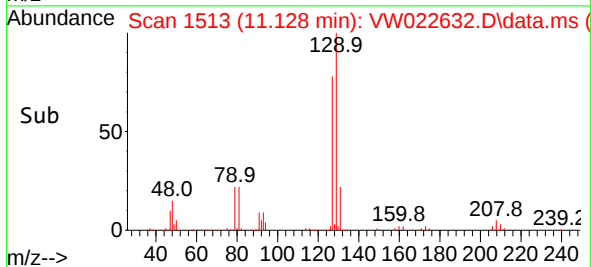
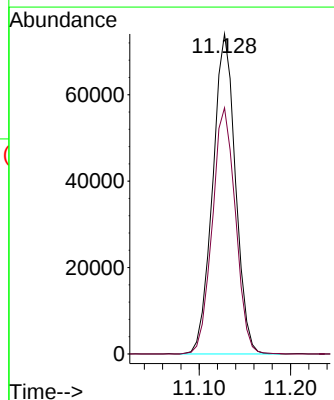
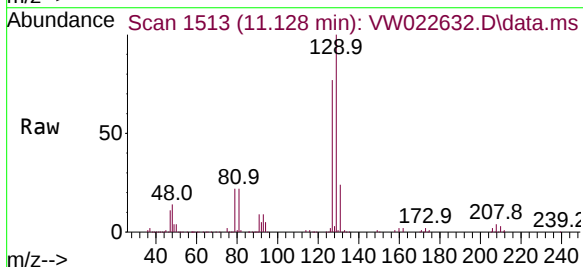
Ion	Ratio	Lower	Upper
43	100		
58	54.7	41.6	62.4
57	18.8	14.5	21.7
100	13.9	9.3	13.9

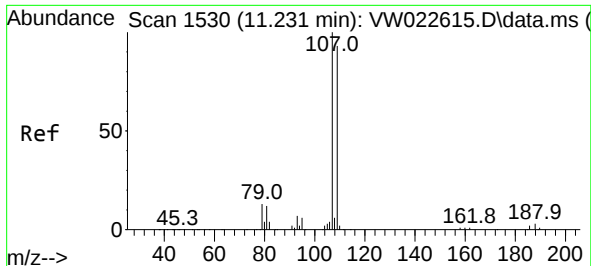


#49
Dibromochloromethane
Concen: 29.128 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion: 129 Resp: 128040

Ion	Ratio	Lower	Upper
129	100		
127	76.9	52.6	97.6





#50

1,2-Dibromoethane

Concen: 28.390 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

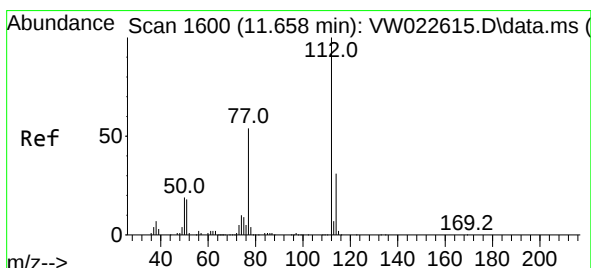
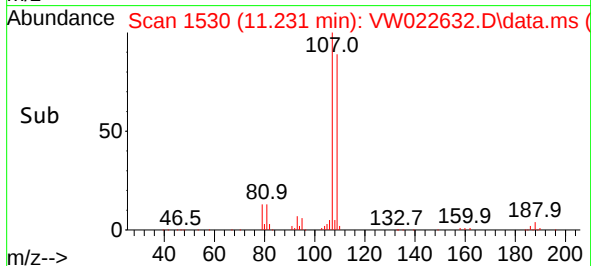
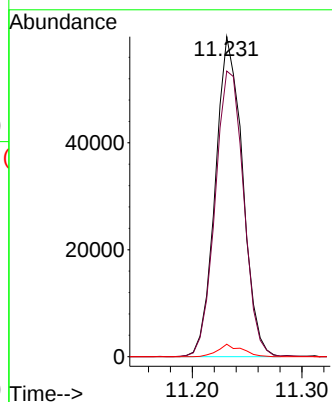
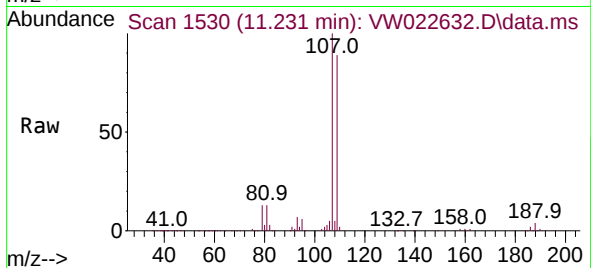
Tgt Ion:107 Resp: 103327

Ion Ratio Lower Upper

107 100

109 89.3 68.2 126.6

188 4.0 2.8 4.2



#51

Chlorobenzene

Concen: 27.214 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

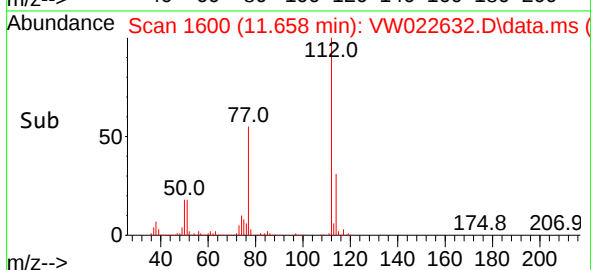
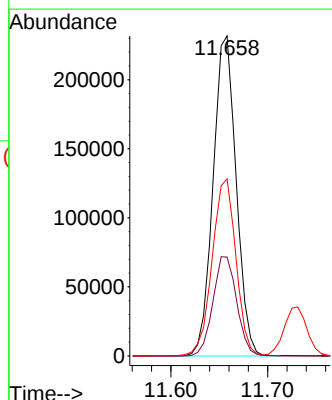
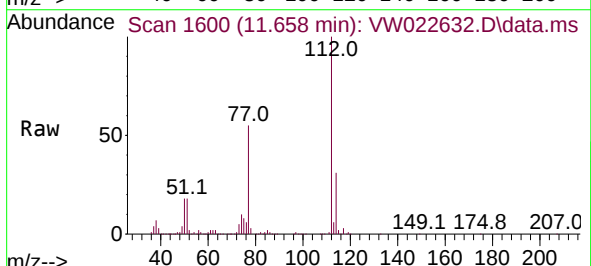
Tgt Ion:112 Resp: 384156

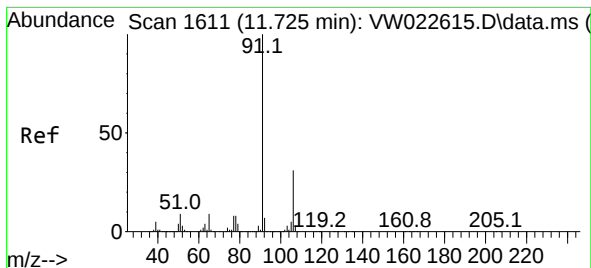
Ion Ratio Lower Upper

112 100

114 30.9 20.5 38.1

77 55.4 48.1 72.1





#52

Ethylbenzene

Concen: 25.093 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

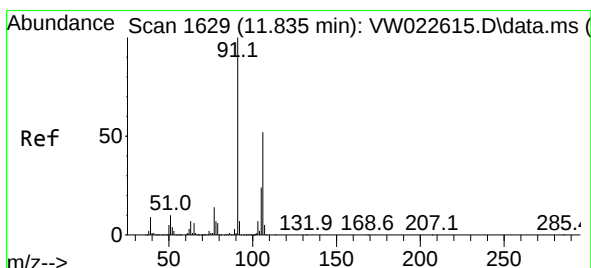
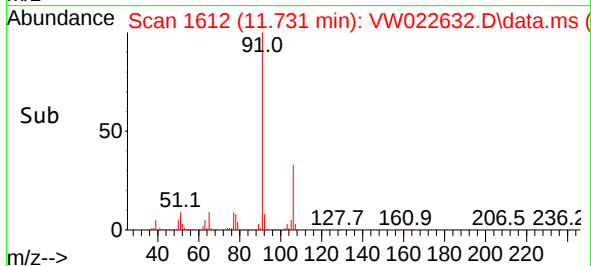
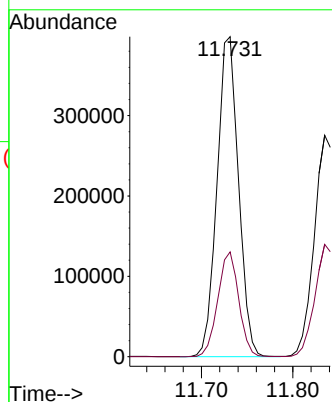
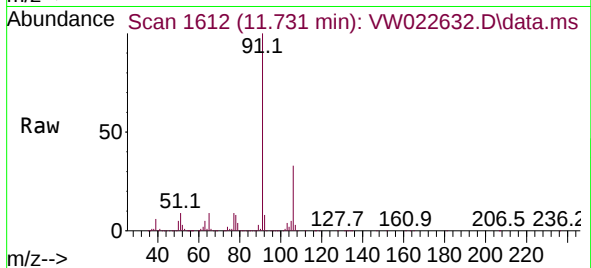
VSTD025500

Tgt Ion: 91 Resp: 649718

Ion Ratio Lower Upper

91 100

106 32.7 20.5 38.1



#53

m,p-Xylene

Concen: 25.602 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW022632.D

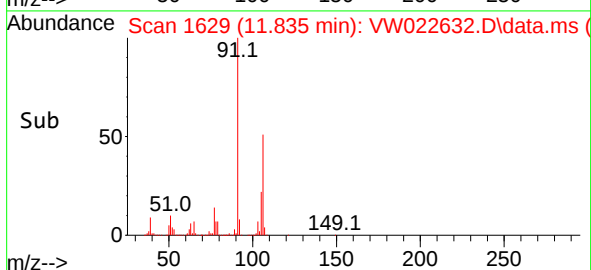
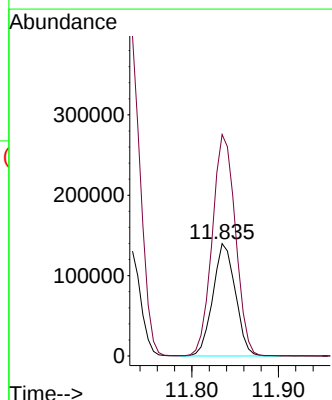
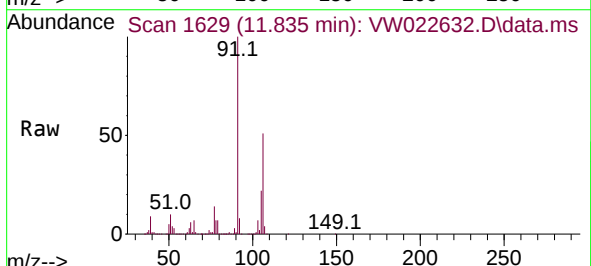
Acq: 26 Apr 2022 18:14

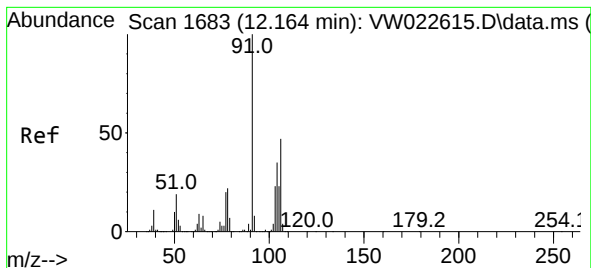
Tgt Ion:106 Resp: 252054

Ion Ratio Lower Upper

106 100

91 197.3 149.9 278.5





#54

o-Xylene

Concen: 26.183 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

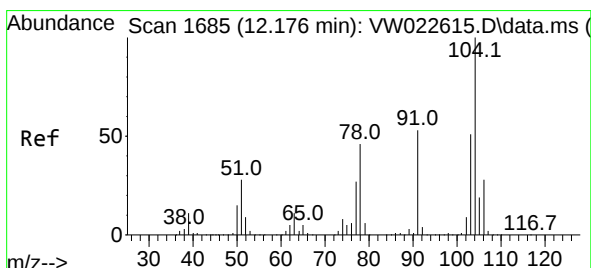
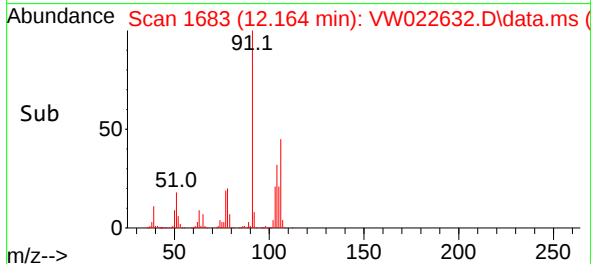
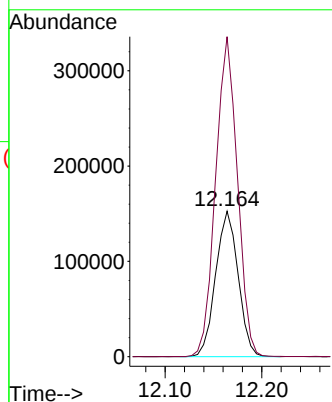
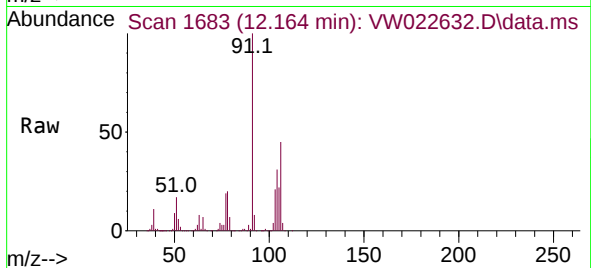
VSTD025500

Tgt Ion:106 Resp: 246331

Ion Ratio Lower Upper

106 100

91 220.0 155.3 288.3



#55

Styrene

Concen: 26.784 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW022632.D

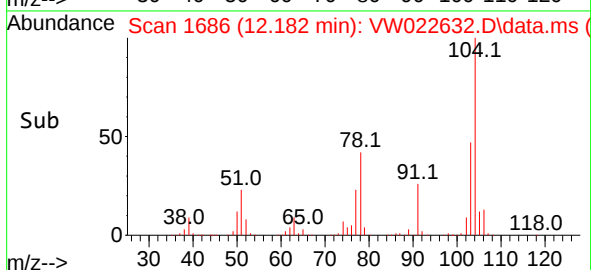
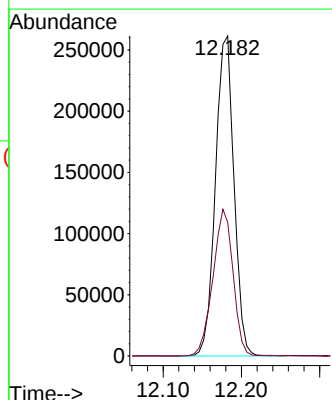
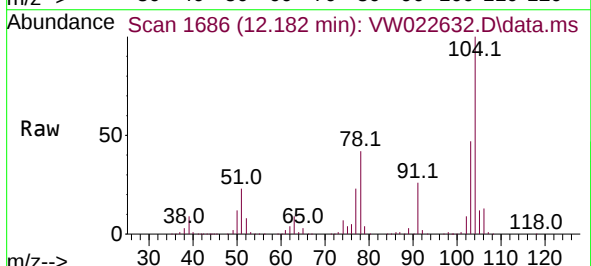
Acq: 26 Apr 2022 18:14

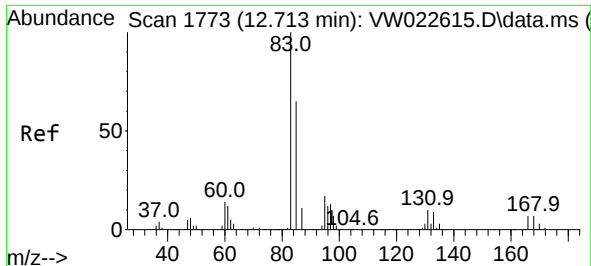
Tgt Ion:104 Resp: 430515

Ion Ratio Lower Upper

104 100

78 41.7 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 28.729 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

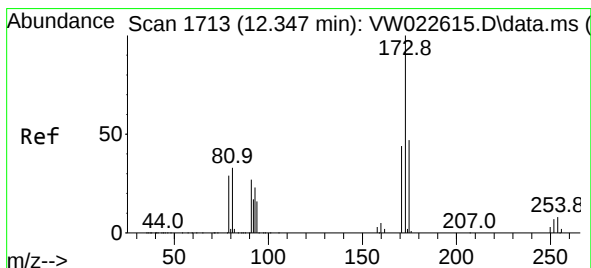
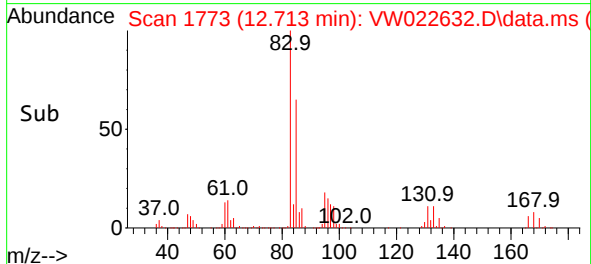
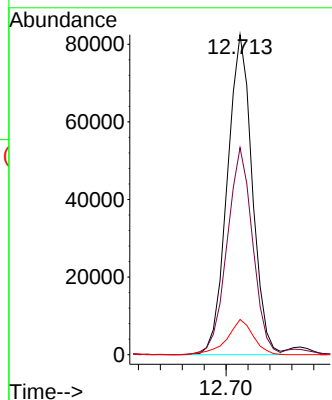
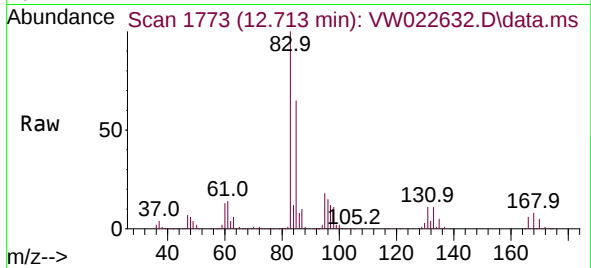
Tgt Ion: 83 Resp: 129966

Ion Ratio Lower Upper

83 100

85 64.7 45.5 84.5

131 11.0 7.8 11.8



#59

Bromoform

Concen: 27.118 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

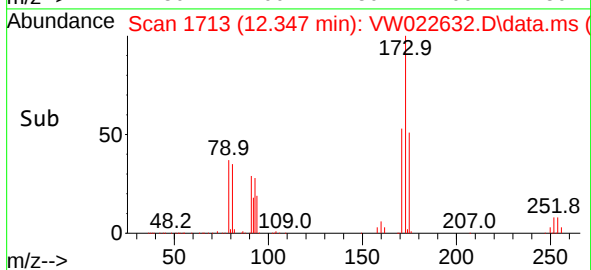
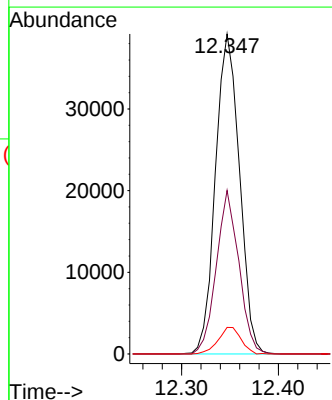
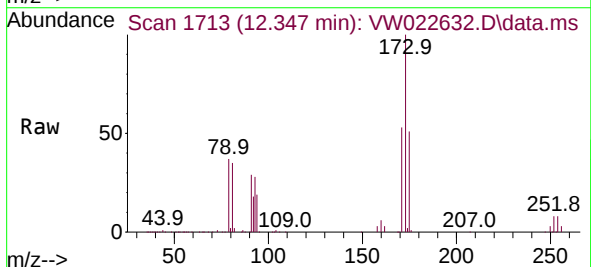
Tgt Ion:173 Resp: 67562

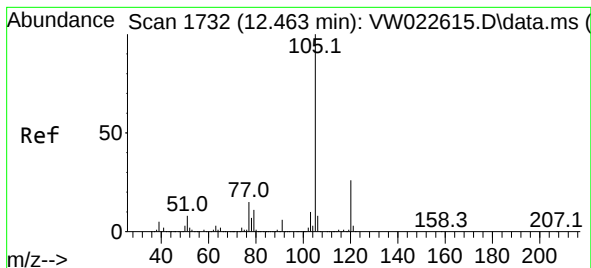
Ion Ratio Lower Upper

173 100

175 48.0 39.2 58.8

254 7.9 6.6 9.8

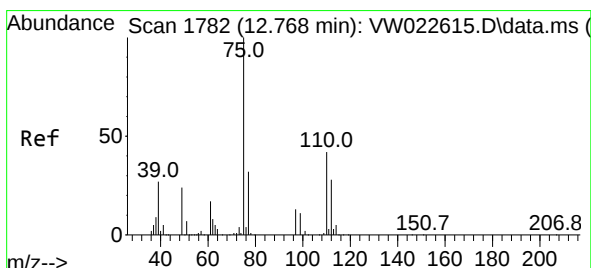
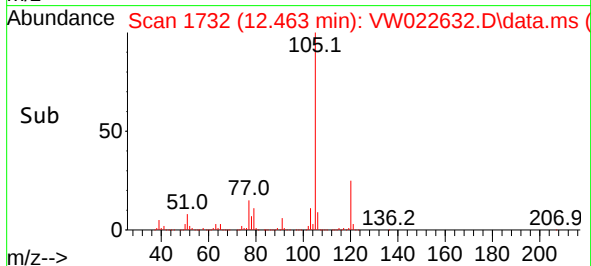
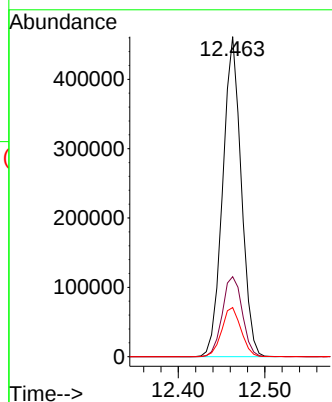
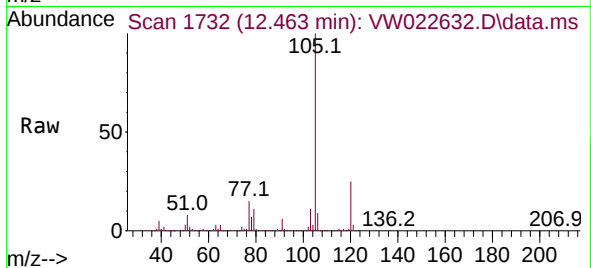




#60
Isopropylbenzene
Concen: 24.630 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

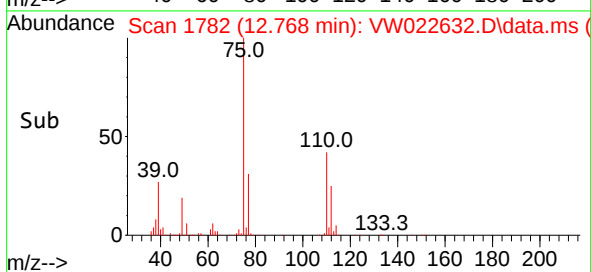
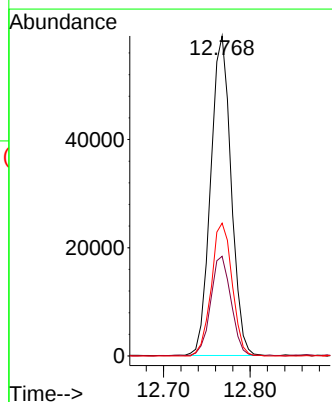
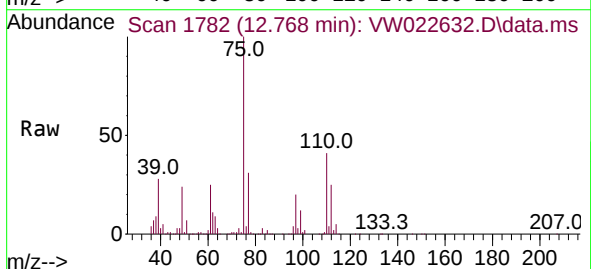
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

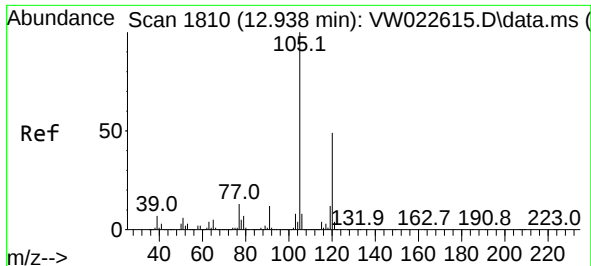
Tgt Ion:105 Resp: 685976
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 16.0 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 27.125 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion: 75 Resp: 96743
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
110 42.4 31.8 47.6

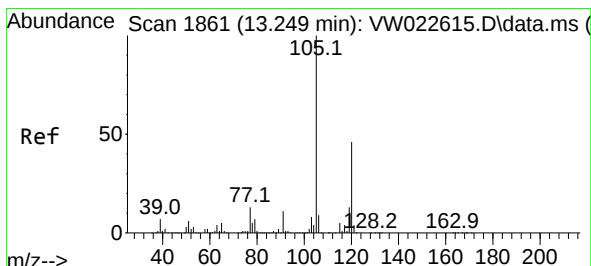
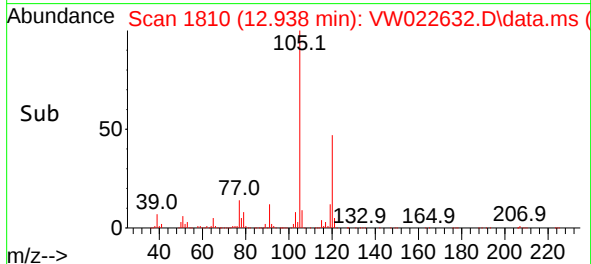
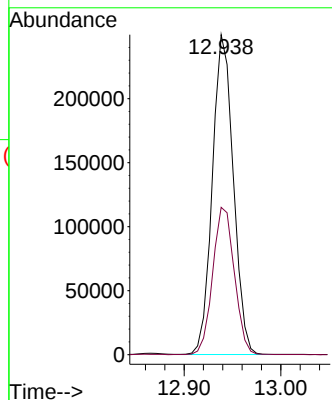
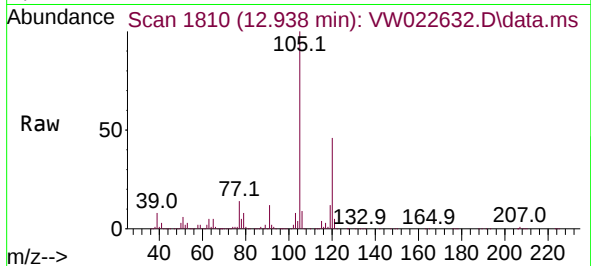




#62
1,3,5-Trimethylbenzene
Concen: 24.570 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

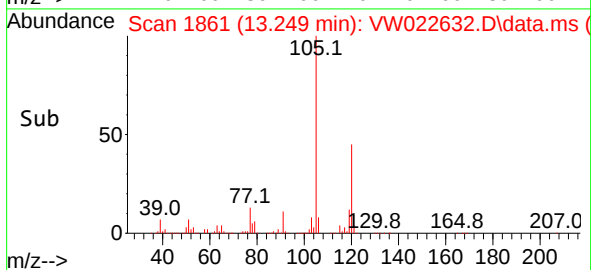
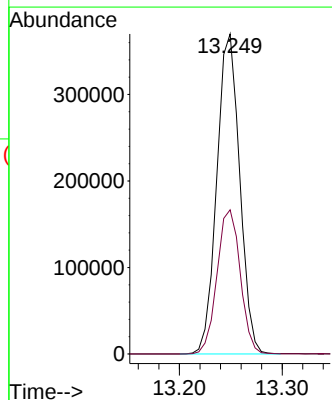
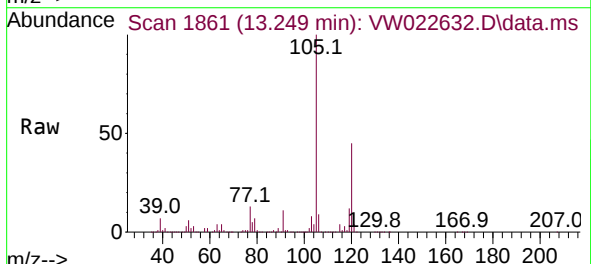
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

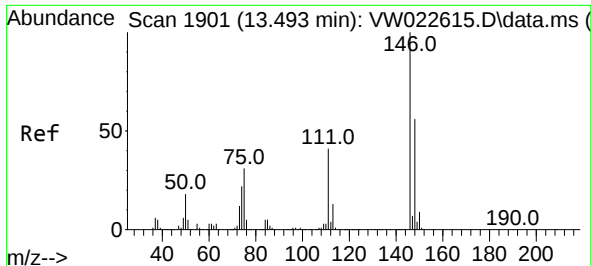
Tgt Ion:105 Resp: 376335
Ion Ratio Lower Upper
105 100
120 47.7 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 24.521 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion:105 Resp: 571148
Ion Ratio Lower Upper
105 100
120 45.8 34.2 51.2

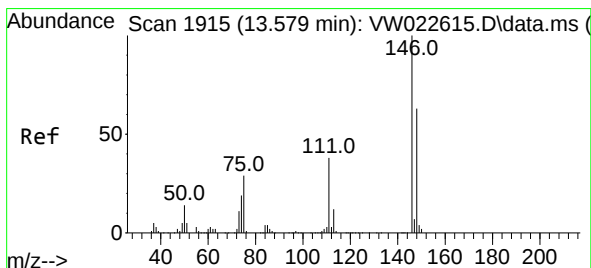
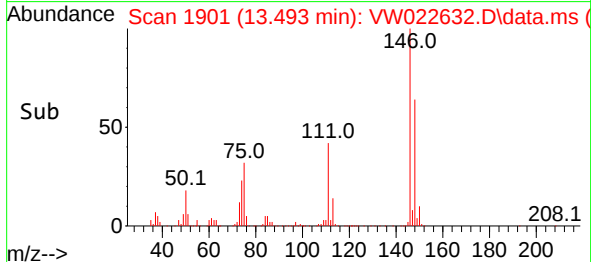
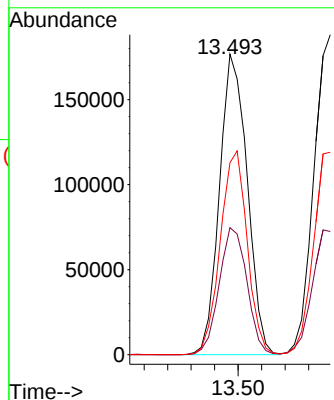
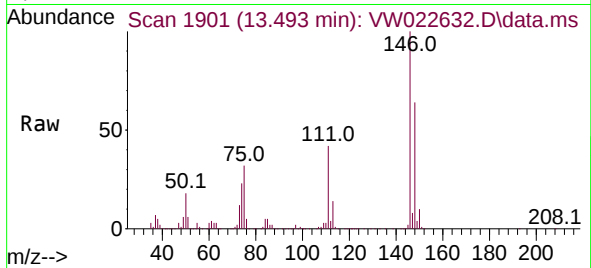




#64
1,3-Dichlorobenzene
Concen: 25.609 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

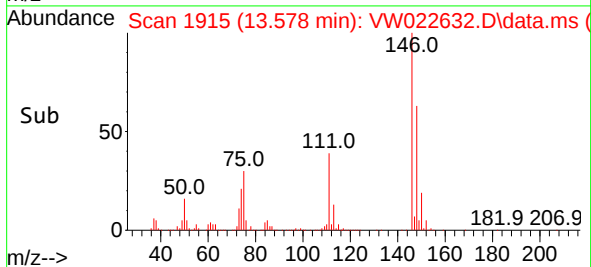
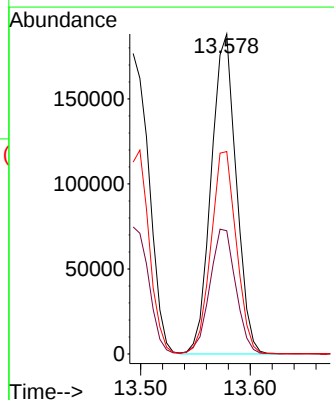
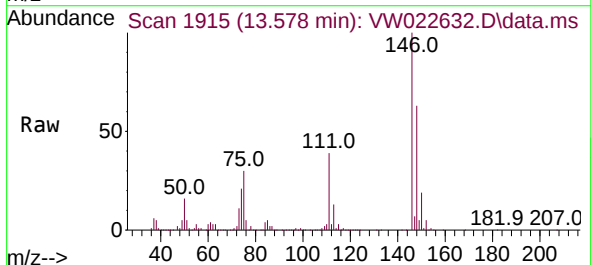
Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

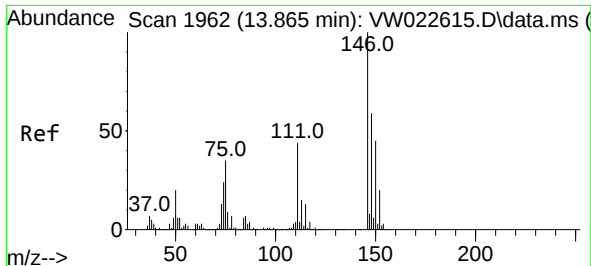
Tgt Ion:146 Resp: 289471
Ion Ratio Lower Upper
146 100
111 42.3 28.2 52.4
148 63.8 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 26.523 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022632.D
Acq: 26 Apr 2022 18:14

Tgt Ion:146 Resp: 299000
Ion Ratio Lower Upper
146 100
111 38.5 28.5 52.9
148 63.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 27.077 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

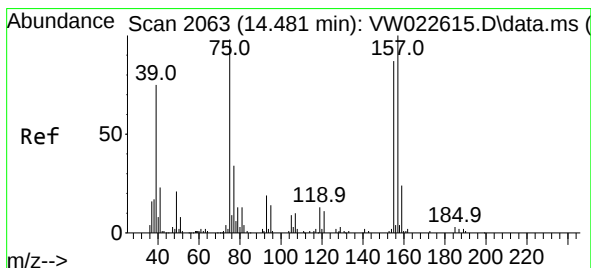
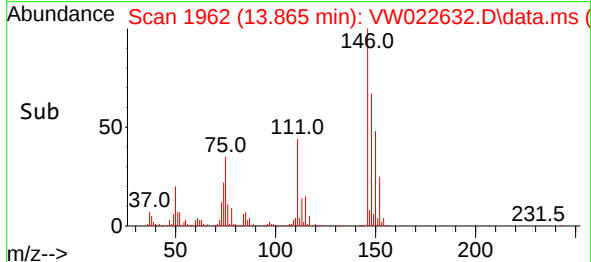
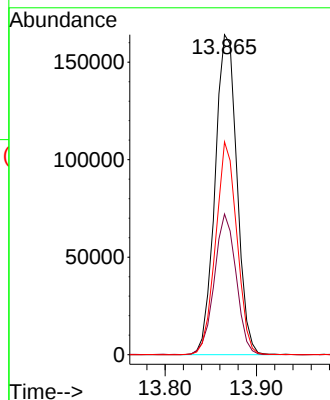
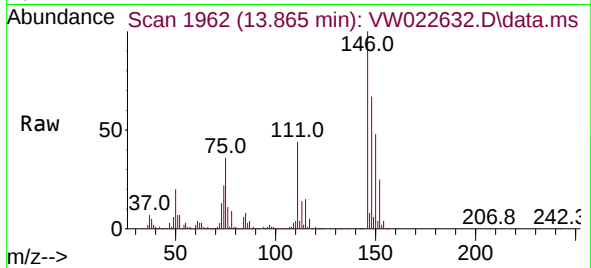
Tgt Ion:146 Resp: 273717

Ion Ratio Lower Upper

146 100

111 43.9 39.0 58.4

148 66.5 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 25.044 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

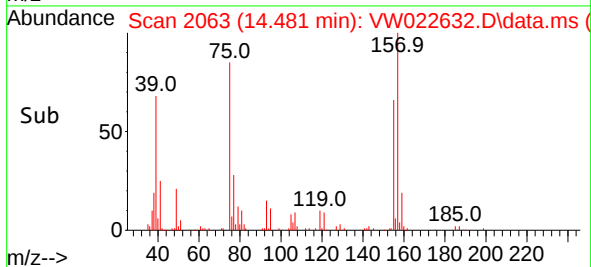
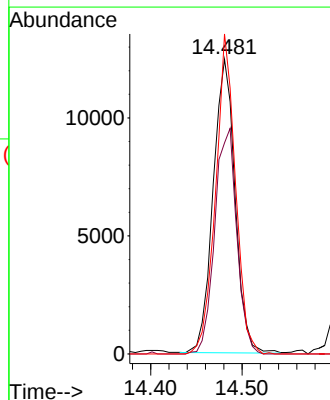
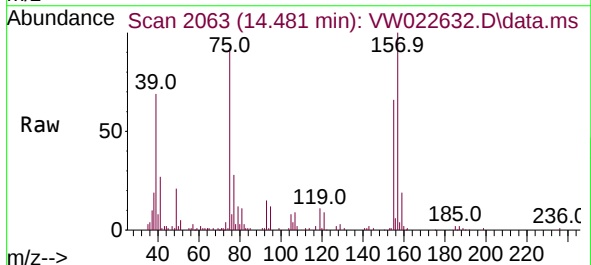
Tgt Ion: 75 Resp: 20716

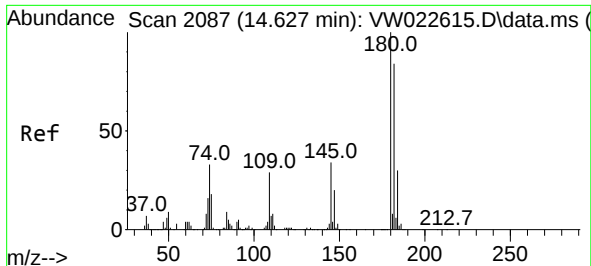
Ion Ratio Lower Upper

75 100

155 71.6 55.6 83.4

157 108.6 69.8 104.6#





#69

1,3,5-Trichlorobenzene

Concen: 26.304 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

Tgt Ion:180 Resp: 193991

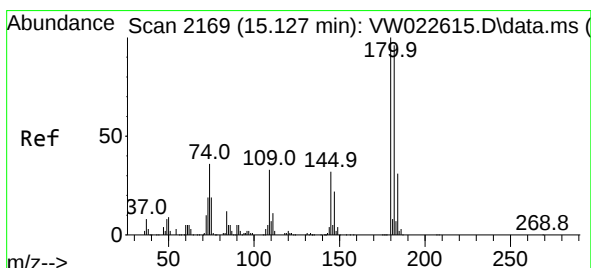
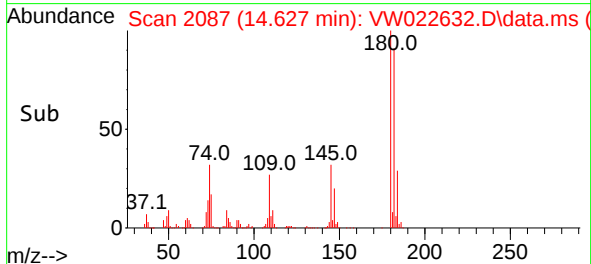
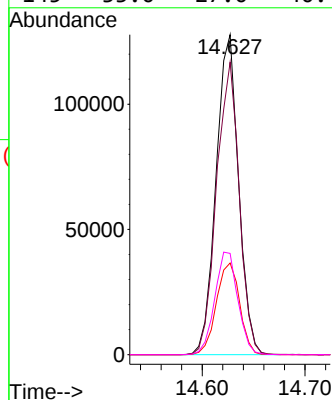
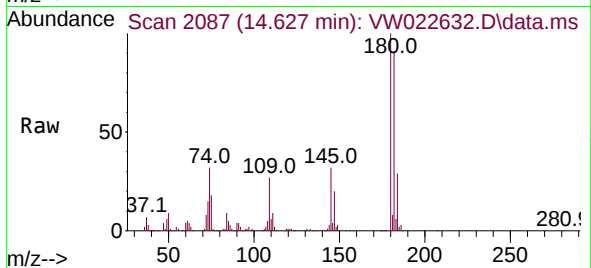
Ion Ratio Lower Upper

180 100

182 92.1 79.1 118.7

184 29.6 24.5 36.7

145 33.0 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 25.875 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

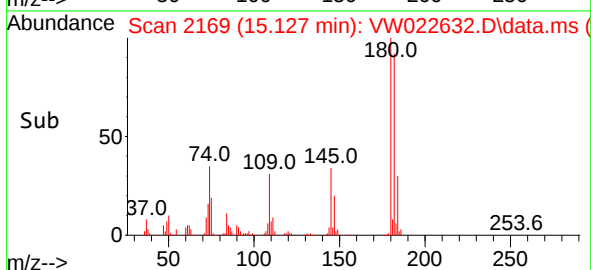
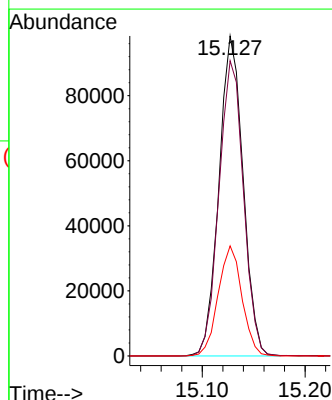
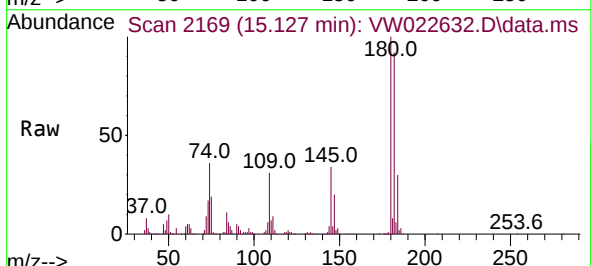
Tgt Ion:180 Resp: 160265

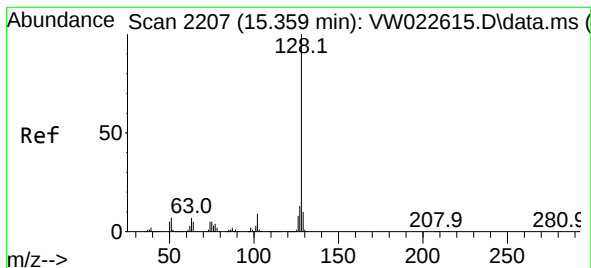
Ion Ratio Lower Upper

180 100

182 93.8 72.8 109.2

145 33.9 25.5 38.3





#71

Naphthalene

Concen: 26.423 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025500

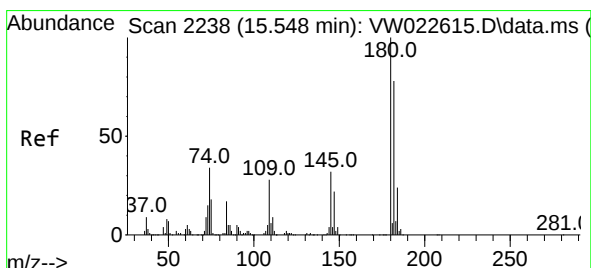
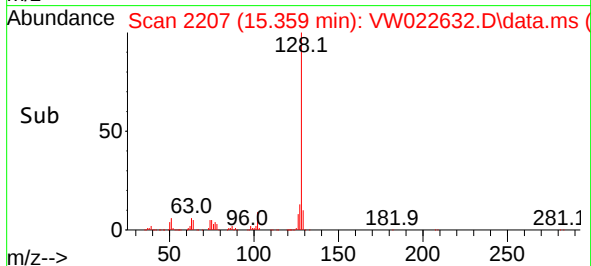
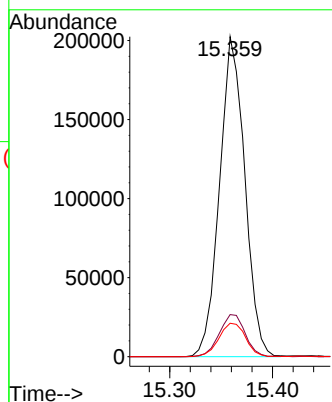
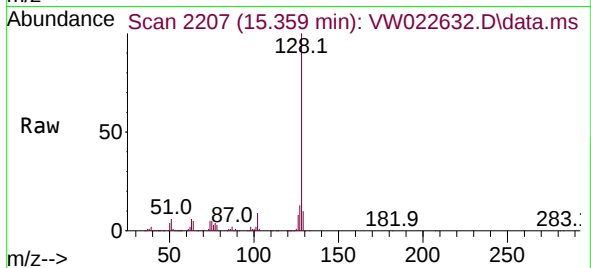
Tgt Ion:128 Resp: 345188

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.797 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022632.D

Acq: 26 Apr 2022 18:14

Tgt Ion:180 Resp: 136578

Ion Ratio Lower Upper

180 100

182 94.2 73.4 110.0

145 35.2 27.0 40.6

