

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042622\
 Data File : VW022615.D
 Acq On : 26 Apr 2022 09:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: Apr 27 01:28:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 26 01:35:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	330169	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	324259	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	160072	21.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
7) Chloroethane-d5	2.885	69	109455	23.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	4.025	63	240632	25.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.680%
21) 2-Butanone-d5	7.281	46	191	0.150	ug/L	0.21
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.300%#
24) Chloroform-d	7.647	84	275826	26.727	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.920%
26) 1,2-Dichloroethane-d4	8.305	65	149136	25.293	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.160%
32) Benzene-d6	8.275	84	524165	26.458	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.840%
36) 1,2-Dichloropropane-d6	9.274	67	152019	26.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.080%
41) Toluene-d8	10.323	98	514451	26.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.040%
43) trans-1,3-Dichloroprop...	10.573	79	67004	24.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.040%
47) 2-Hexanone-d5	10.921	63	58402	54.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	139064	28.527	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	176777	27.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	36259	22.403	ug/L	95
3) Chloromethane	2.221	50	86530	21.443	ug/L	98
5) Vinyl chloride	2.367	62	187579	22.278	ug/L	97
6) Bromomethane	2.782	94	111246	21.734	ug/L	100
8) Chloroethane	2.922	64	89005	24.145	ug/L	98
9) Trichlorofluoromethane	3.263	101	90730	29.187	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	138209	27.921	ug/L	95
12) 1,1-Dichloroethene	4.044	96	122306	27.512	ug/L	89
13) Acetone	4.123	43	53079	61.177	ug/L	97
14) Carbon disulfide	4.385	76	300741	20.564	ug/L	98
15) Methyl Acetate	4.672	43	54482	25.023	ug/L	95
16) Methylene chloride	4.915	84	132183	26.606	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	138334	26.563	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	227713	26.774	ug/L	96
19) 1,1-Dichloroethane	6.214	63	245078	25.792	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	152705	27.764	ug/L #	91
22) 2-Butanone	7.171	43	75589	57.683	ug/L	98
23) Bromochloromethane	7.513	128	69885	29.524	ug/L	88
25) Chloroform	7.677	83	273771	27.355	ug/L	97

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 Response via : Initial Calibration

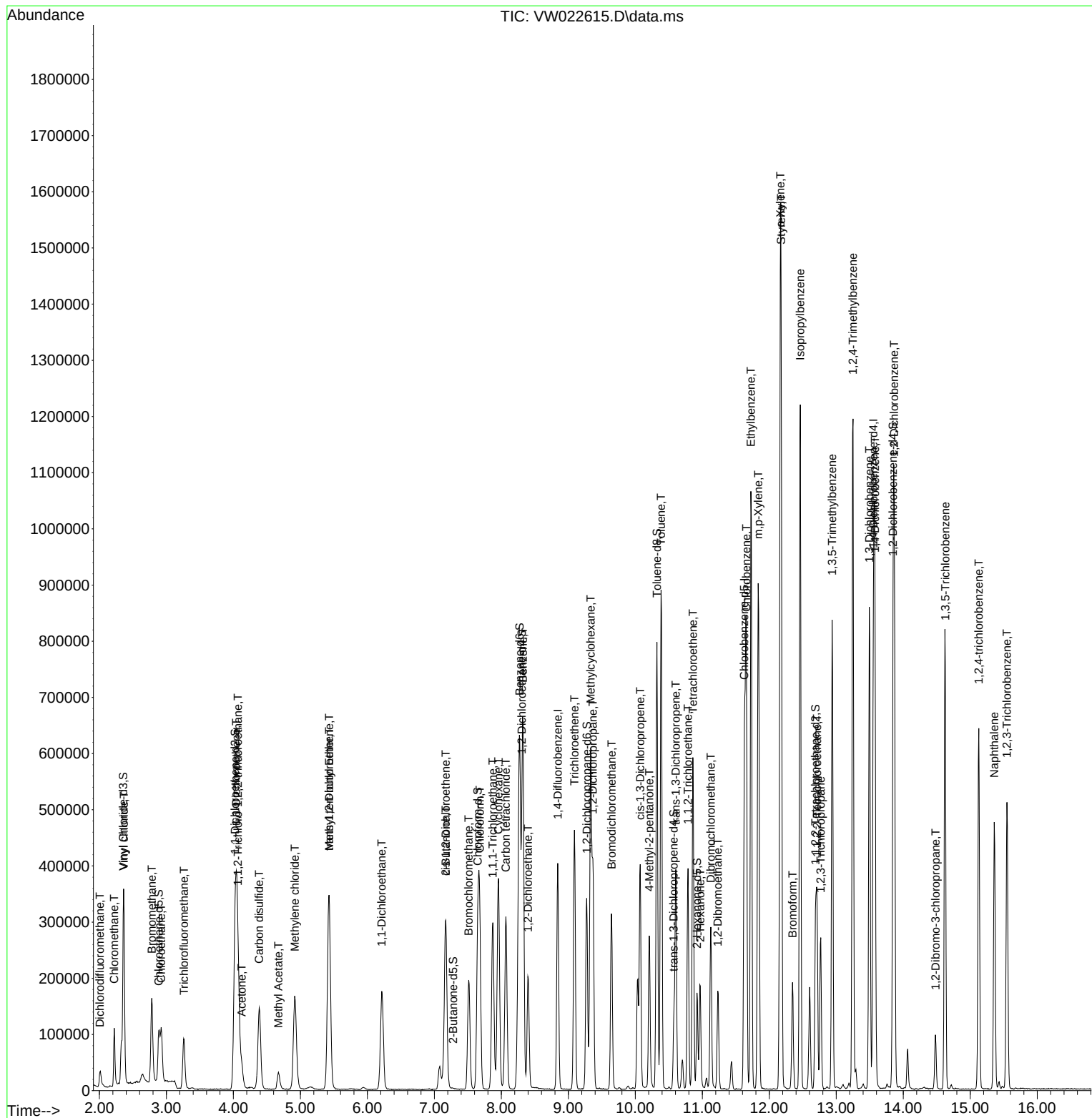
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	178237	25.339	ug/L	96
29) Cyclohexane	7.958	56	205730	22.168	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	236590	26.303	ug/L	97
31) Carbon tetrachloride	8.067	117	221650	27.455	ug/L	100
33) Benzene	8.323	78	565198	25.673	ug/L	100
34) Trichloroethene	9.092	95	156085	26.479	ug/L	97
35) Methylcyclohexane	9.335	83	249039	23.548	ug/L	95
37) 1,2-Dichloropropane	9.366	63	137783	26.125	ug/L	99
38) Bromodichloromethane	9.646	83	203203	26.792	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	223764	26.738	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	173702	53.968	ug/L	96
42) Toluene	10.384	91	646479	25.627	ug/L	92
44) trans-1,3-Dichloropropene	10.604	75	201855	26.937	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	116594	28.966	ug/L	95
46) Tetrachloroethene	10.860	164	114782	26.490	ug/L	94
48) 2-Hexanone	10.969	43	120081	52.883	ug/L	97
49) Dibromochloromethane	11.128	129	145689	30.349	ug/L	99
50) 1,2-Dibromoethane	11.231	107	114116	28.711	ug/L	96
51) Chlorobenzene	11.658	112	433301	28.107	ug/L	93
52) Ethylbenzene	11.725	91	746565	26.403	ug/L	96
53) m,p-Xylene	11.835	106	293666	27.314	ug/L	87
54) o-Xylene	12.164	106	284157	27.657	ug/L	94
55) Styrene	12.176	104	488232	27.814	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	143618	29.070	ug/L	99
59) Bromoform	12.347	173	79139	28.930	ug/L	98
60) Isopropylbenzene	12.463	105	799472	26.143	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	103663	26.471	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	438299	26.061	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	666551	26.063	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	338261	27.255	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	344541	27.836	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	313635	28.257	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	22479	24.751	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	230448	28.459	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	186038	27.356	ug/L	99
71) Naphthalene	15.359	128	398493	27.781	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	161009	27.698	ug/L	98

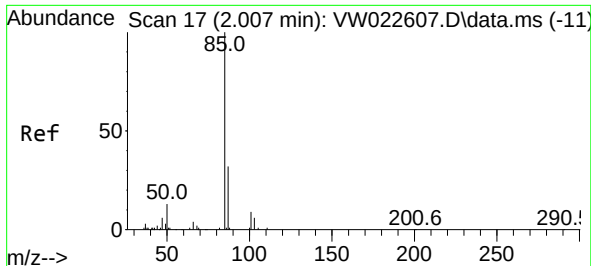
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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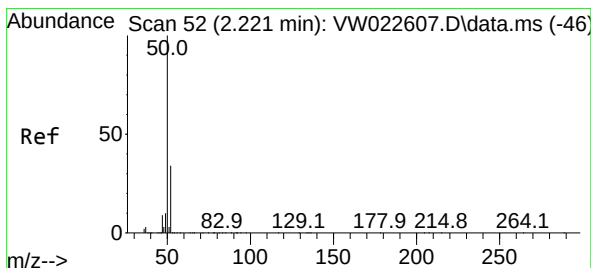
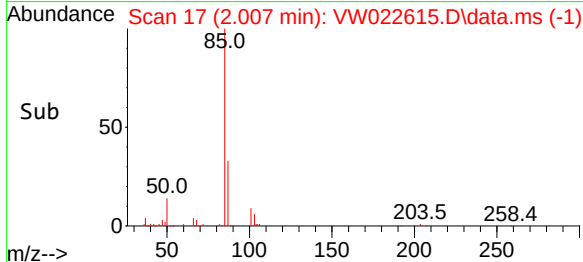
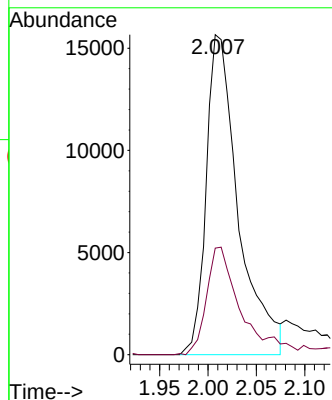
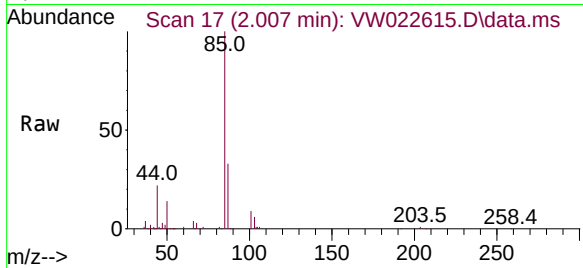




#2
Dichlorodifluoromethane
Concen: 22.403 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

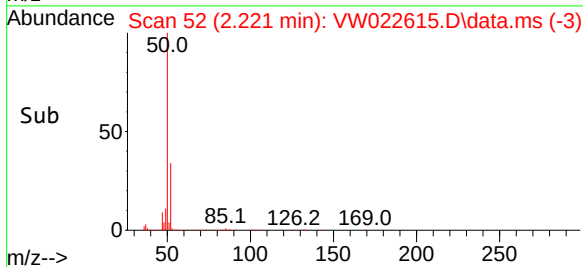
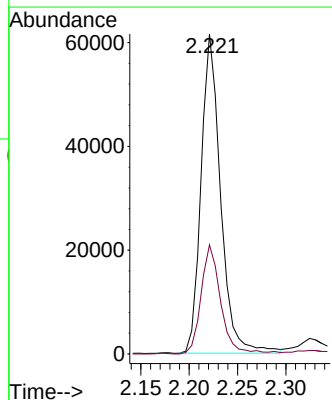
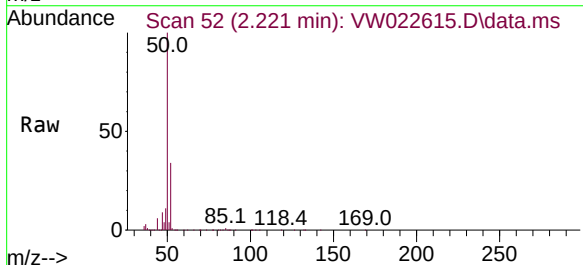
Instrument :
MSVOA_W
ClientSampleId :
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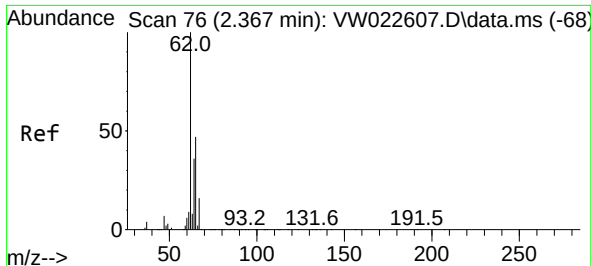
Tgt Ion: 85 Resp: 36259
Ion Ratio Lower Upper
85 100
87 32.1 23.7 35.5



#3
Chloromethane
Concen: 21.443 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion: 50 Resp: 86530
Ion Ratio Lower Upper
50 100
52 34.1 23.0 42.6

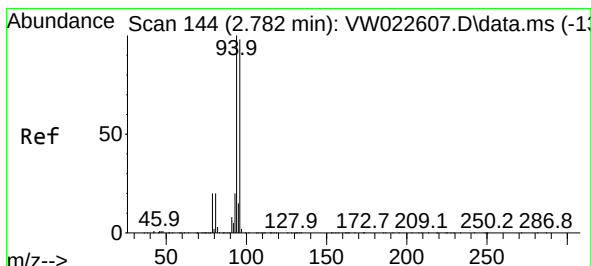
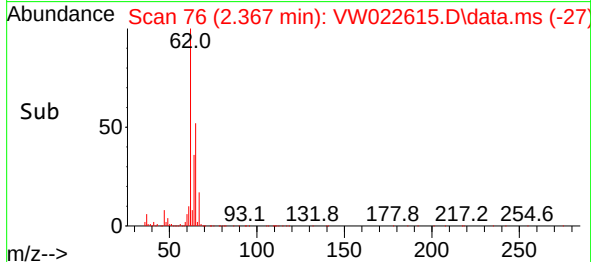
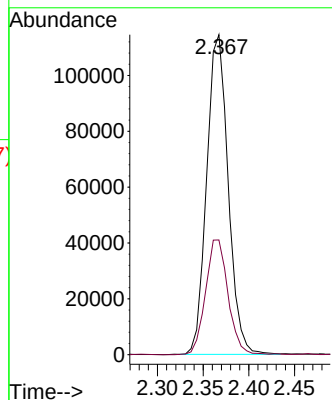
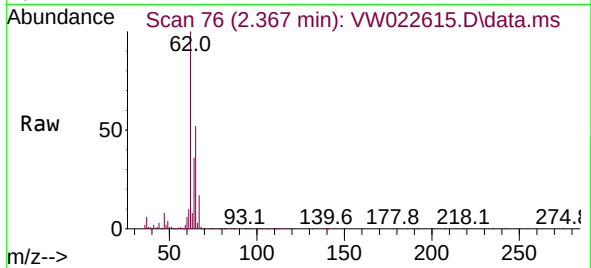




#5
 Vinyl chloride
 Concen: 22.278 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW022615.D
 Acq: 26 Apr 2022 09:47

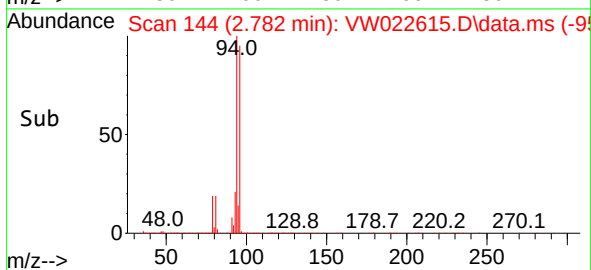
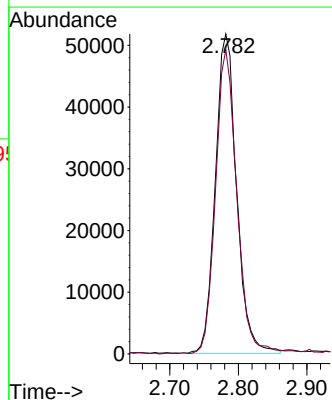
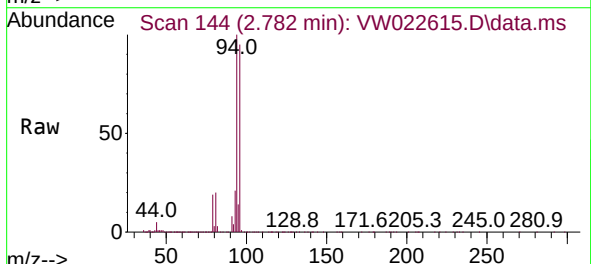
Instrument :
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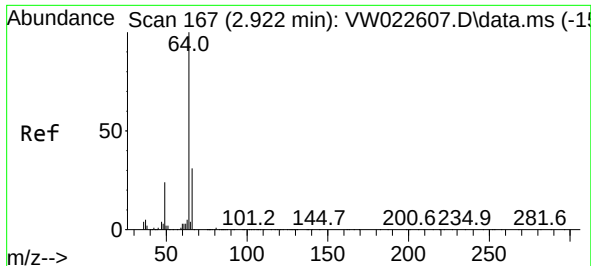
Tgt Ion: 62 Resp: 187579
 Ion Ratio Lower Upper
 62 100
 64 35.9 26.5 49.3



#6
 Bromomethane
 Concen: 21.734 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022615.D
 Acq: 26 Apr 2022 09:47

Tgt Ion: 94 Resp: 111246
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.6 123.6

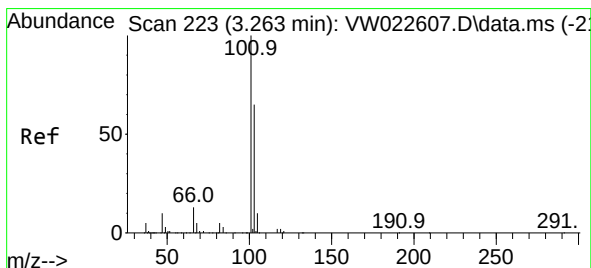
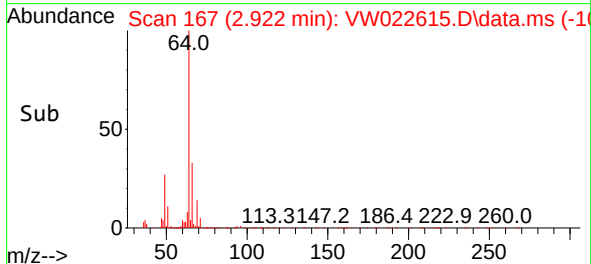
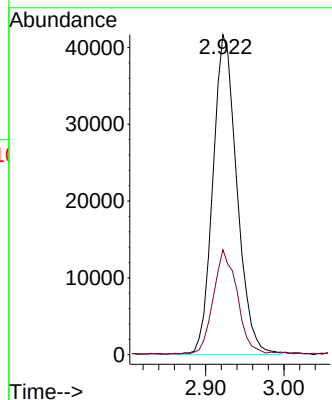
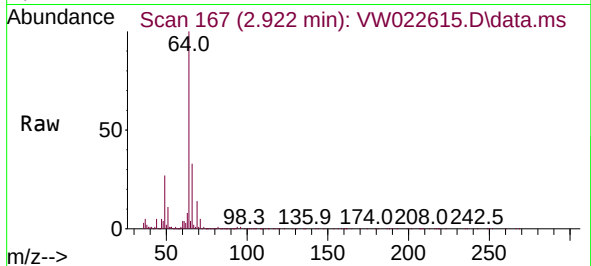




#8
Chloroethane
Concen: 24.145 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

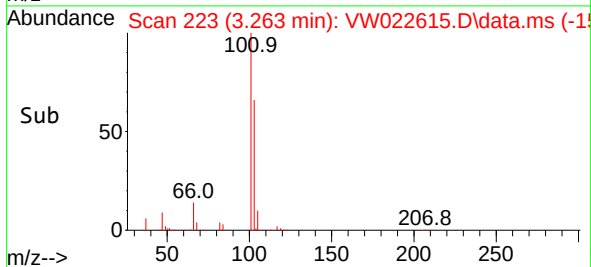
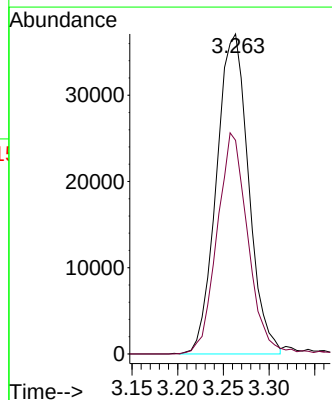
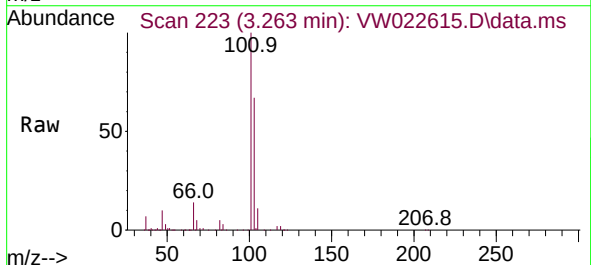
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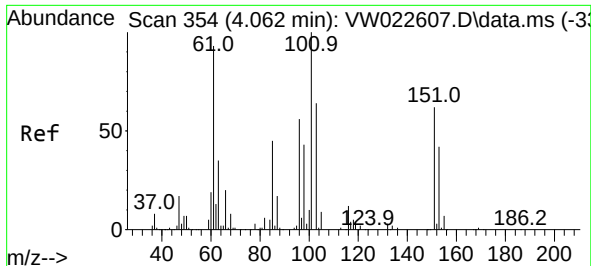
Tgt Ion: 64 Resp: 89005
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 29.187 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion: 101 Resp: 90730
Ion Ratio Lower Upper
101 100
103 66.1 52.0 78.0

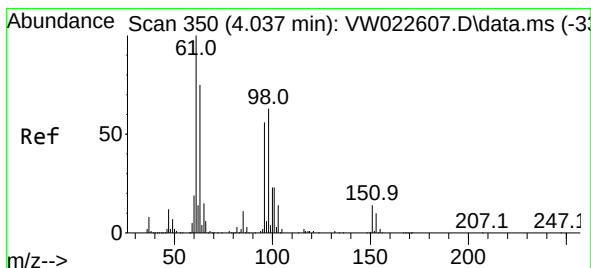
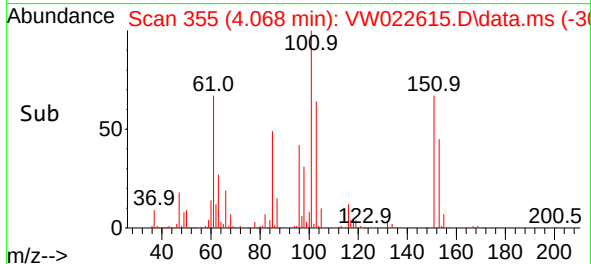
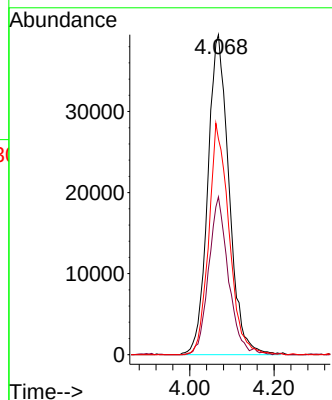
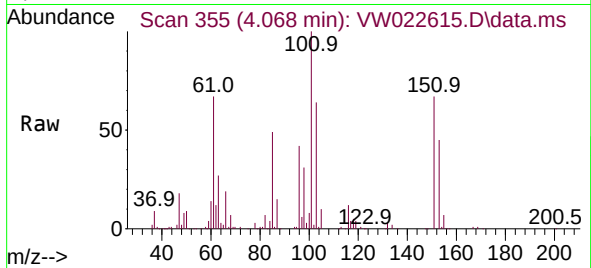




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.921 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022615.D
 Acq: 26 Apr 2022 09:47

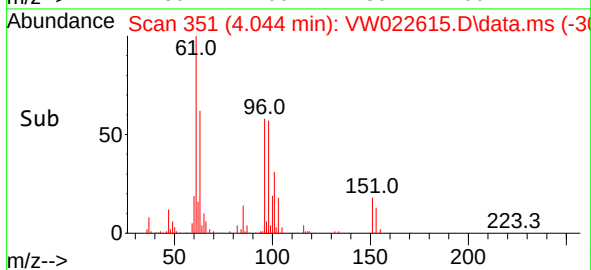
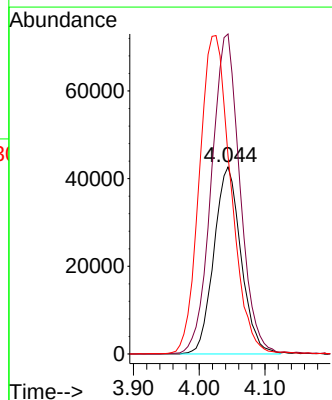
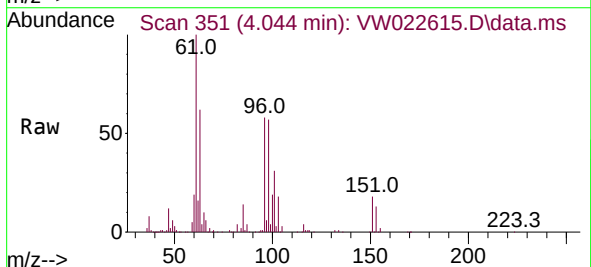
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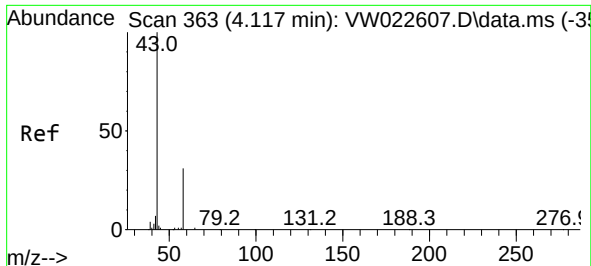
Tgt Ion:101 Resp: 138209
 Ion Ratio Lower Upper
 101 100
 85 45.3 39.2 58.8
 151 69.1 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 27.512 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022615.D
 Acq: 26 Apr 2022 09:47

Tgt Ion: 96 Resp: 122306
 Ion Ratio Lower Upper
 96 100
 61 171.0 128.0 237.6
 63 105.8 86.6 160.8

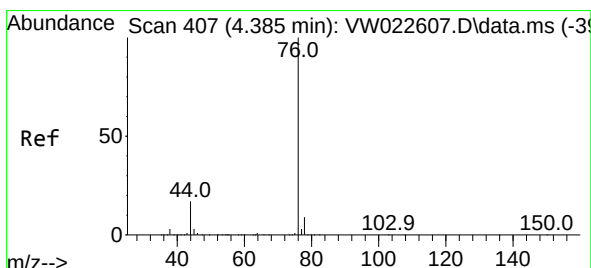
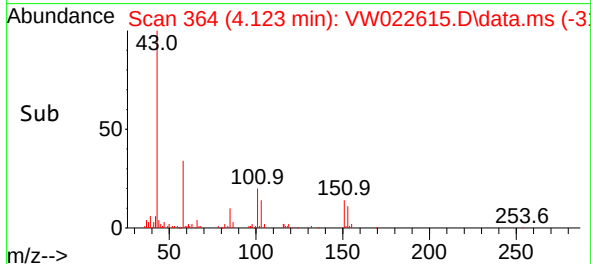
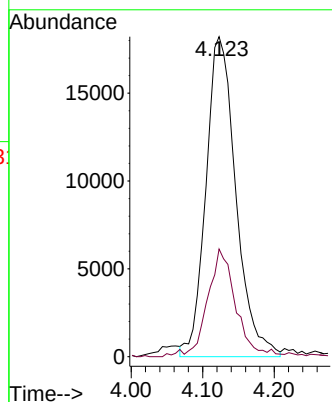
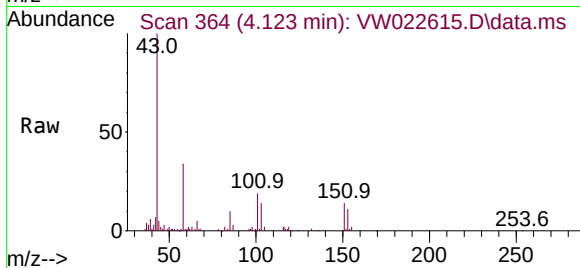




#13
Acetone
Concen: 61.177 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

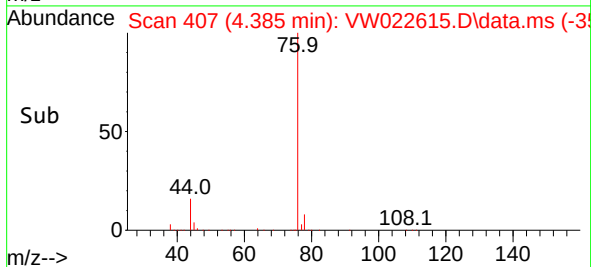
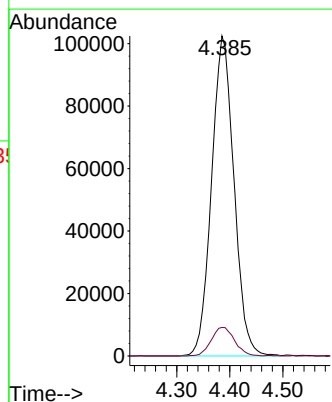
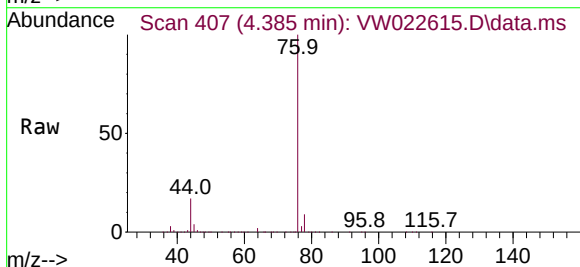
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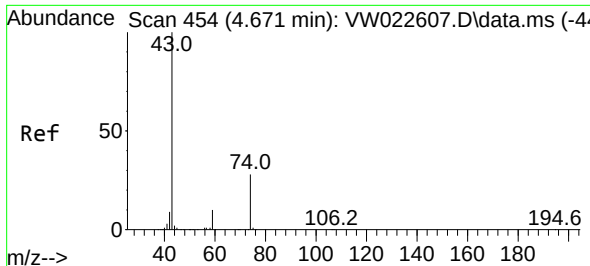
Tgt Ion: 43 Resp: 53079
Ion Ratio Lower Upper
43 100
58 30.2 0.0 57.0



#14
Carbon disulfide
Concen: 20.564 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 300741
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

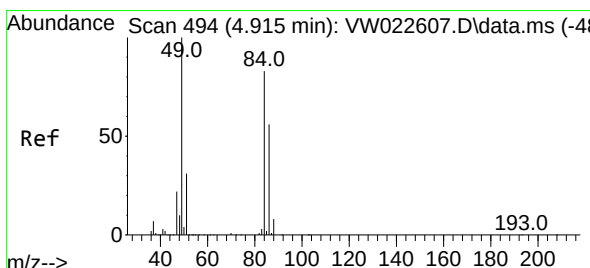
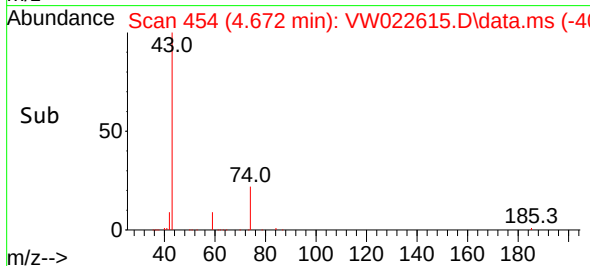
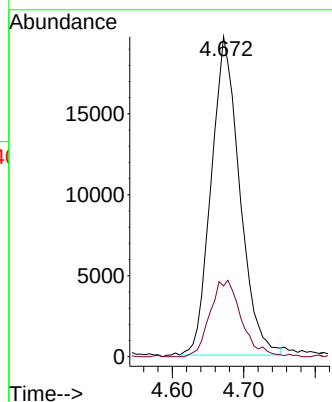
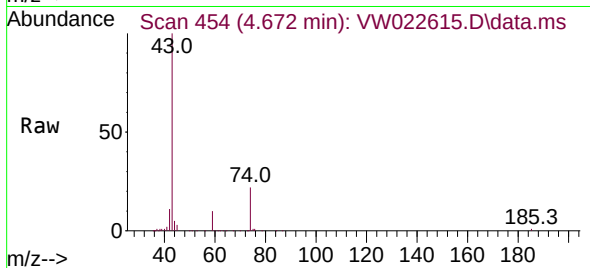




#15
Methyl Acetate
Concen: 25.023 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

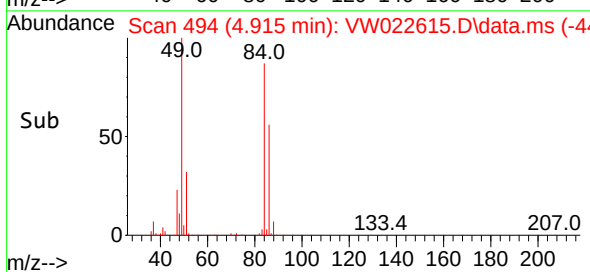
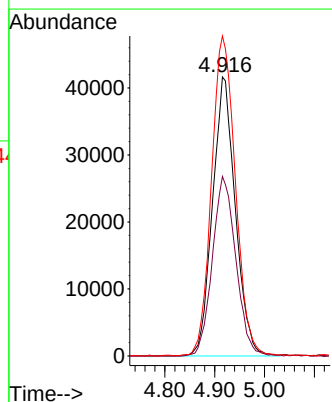
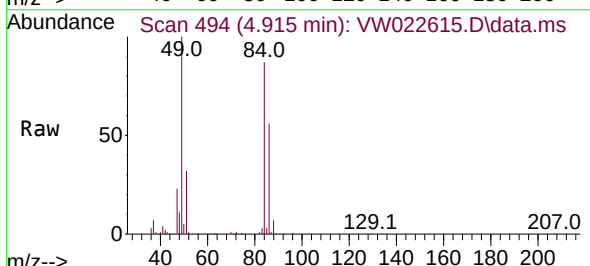
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

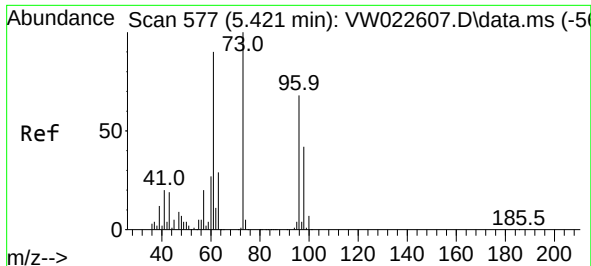
Tgt Ion: 43 Resp: 54482
Ion Ratio Lower Upper
43 100
74 25.3 18.5 27.7



#16
Methylene chloride
Concen: 26.606 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion: 84 Resp: 132183
Ion Ratio Lower Upper
84 100
86 64.4 42.8 79.4
49 114.7 94.2 175.0

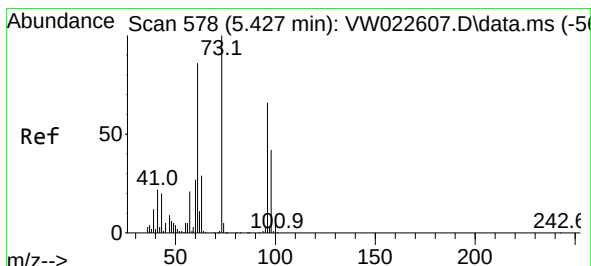
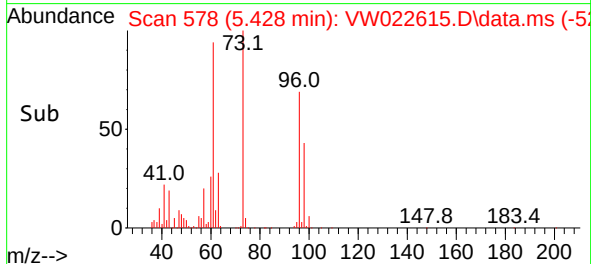
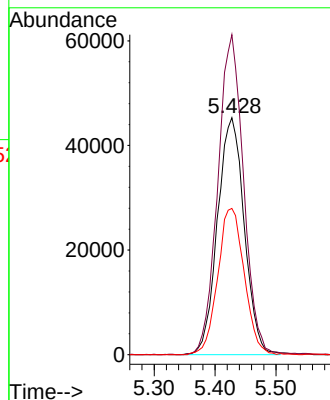
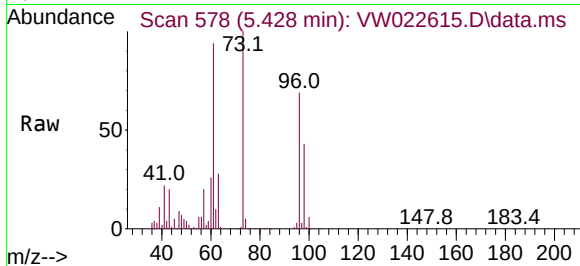




#17
trans-1,2-Dichloroethene
Concen: 26.563 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

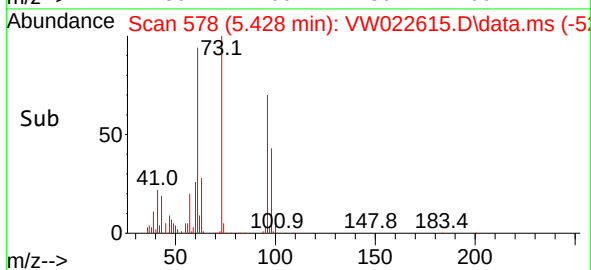
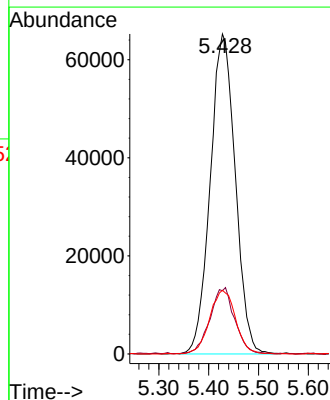
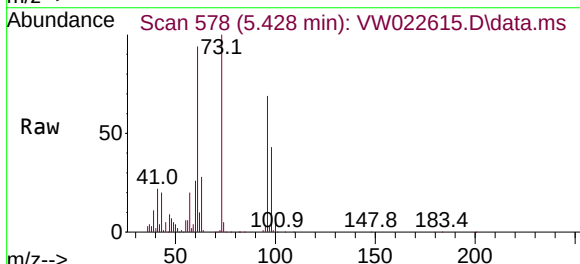
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

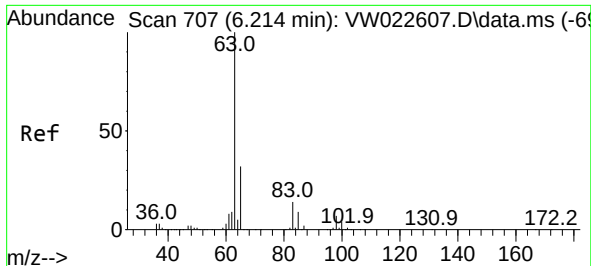
Tgt Ion: 96 Resp: 138334
Ion Ratio Lower Upper
96 100
61 135.0 99.8 185.4
98 61.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.774 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion: 73 Resp: 227713
Ion Ratio Lower Upper
73 100
43 20.6 18.8 28.2
57 20.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 25.792 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

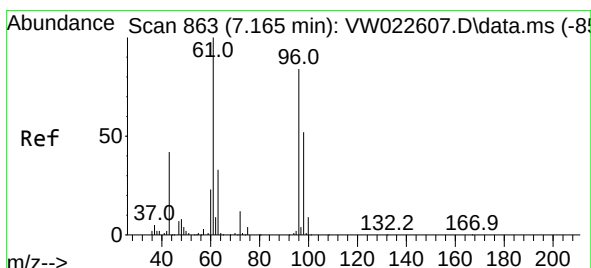
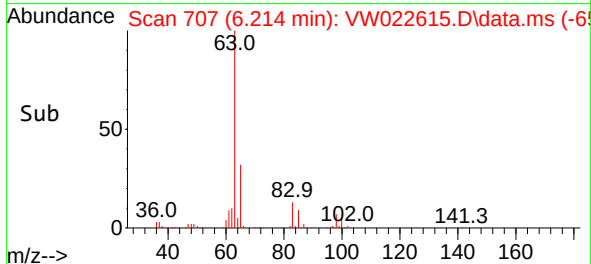
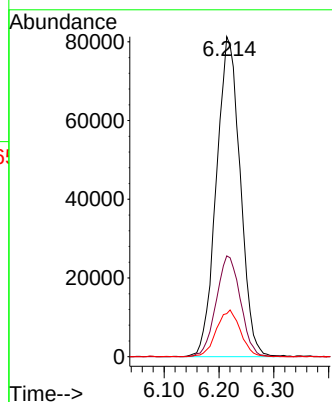
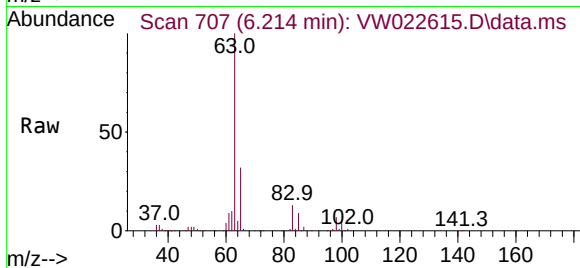
Tgt Ion: 63 Resp: 245078

Ion Ratio Lower Upper

63 100

65 31.5 21.1 39.3

83 13.4 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 27.764 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

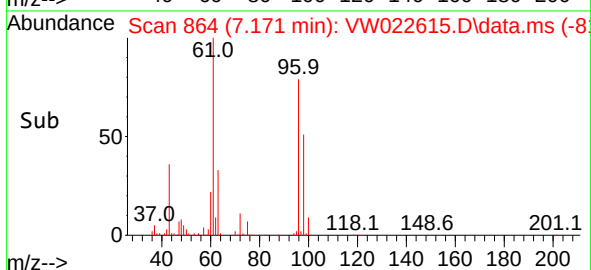
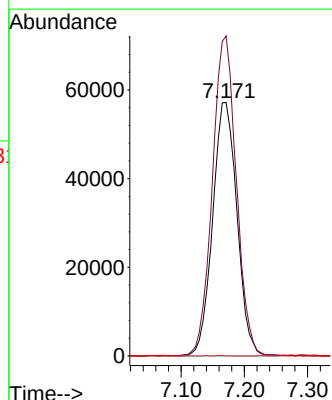
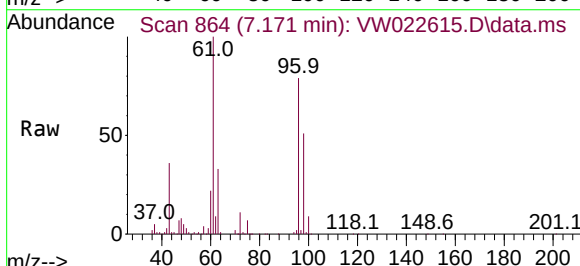
Tgt Ion: 96 Resp: 152705

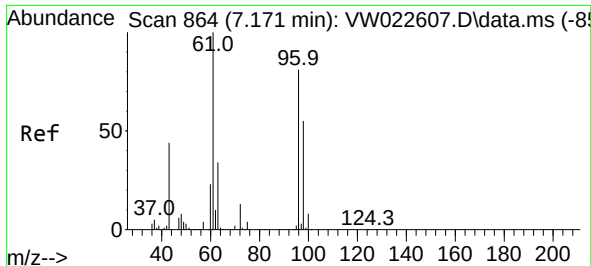
Ion Ratio Lower Upper

96 100

61 126.2 96.4 179.0

68 0.0 0.1 0.3

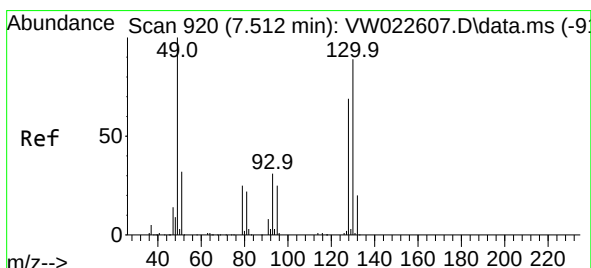
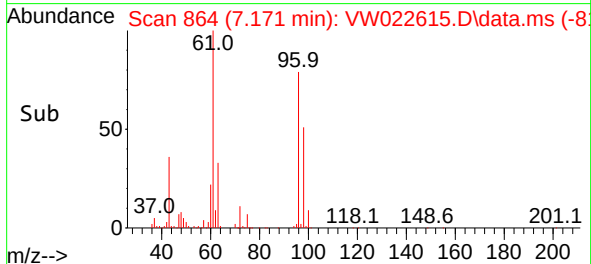
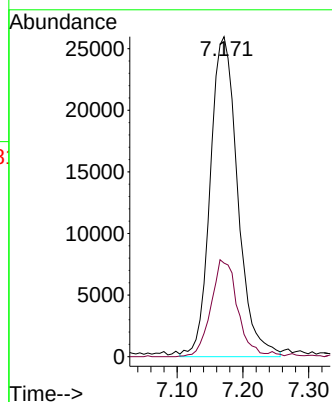
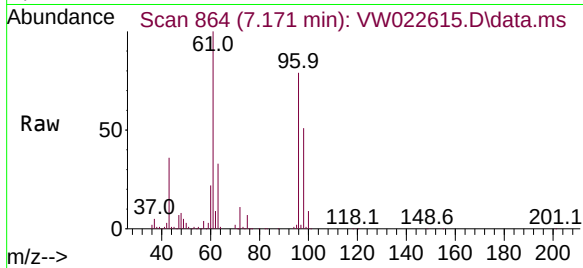




#22
2-Butanone
Concen: 57.683 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

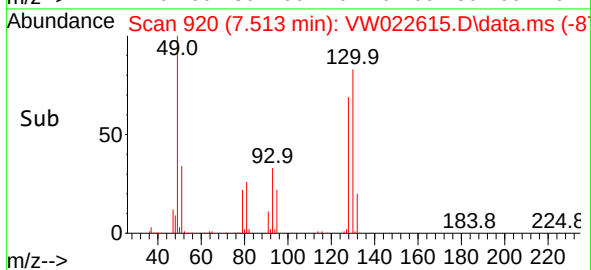
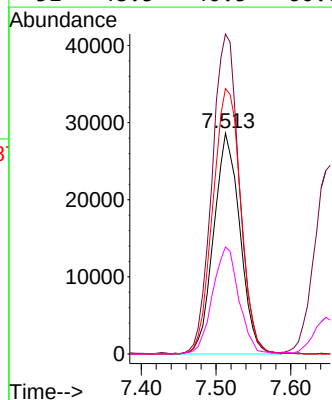
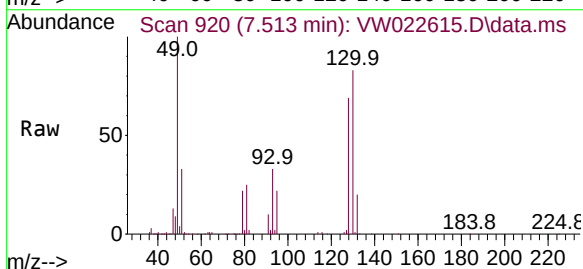
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

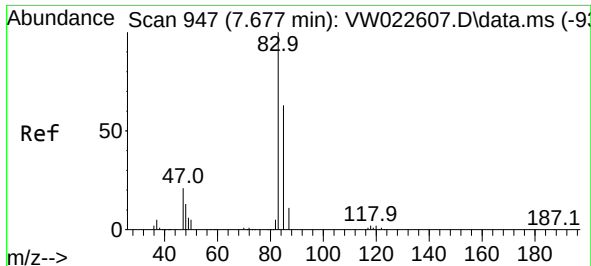
Tgt Ion: 43 Resp: 75589
Ion Ratio Lower Upper
43 100
72 29.1 14.0 42.0



#23
Bromochloromethane
Concen: 29.524 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion: 128 Resp: 69885
Ion Ratio Lower Upper
128 100
49 145.0 120.8 224.3
130 120.3 81.8 151.8
51 48.5 40.5 60.7

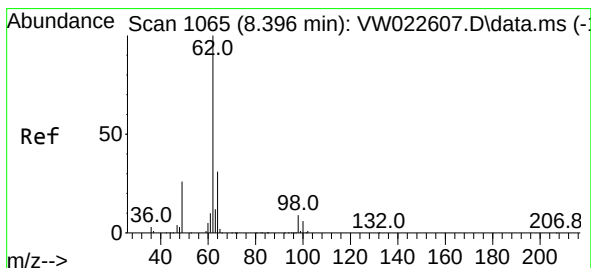
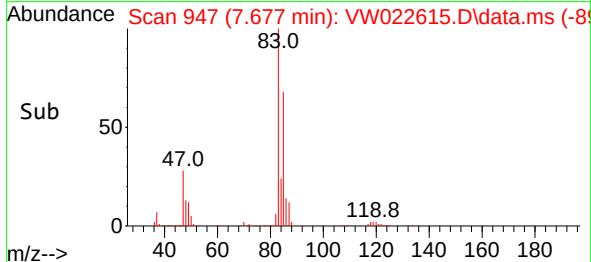
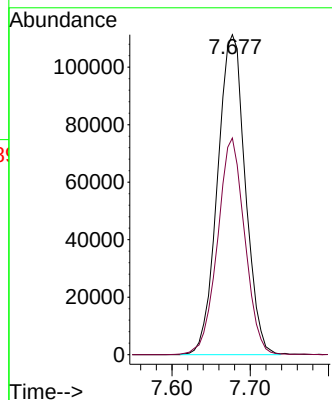
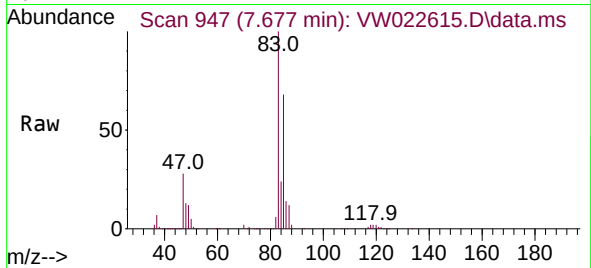




#25
Chloroform
Concen: 27.355 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

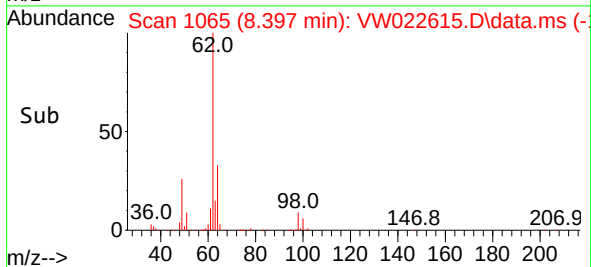
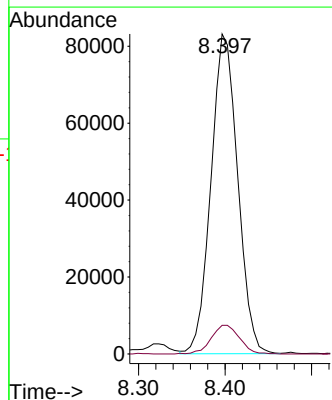
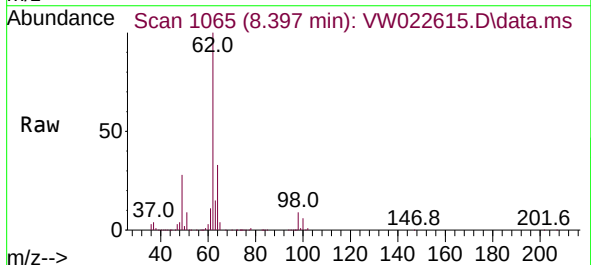
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

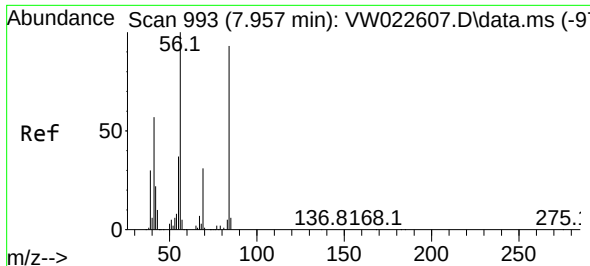
Tgt Ion: 83 Resp: 273771
Ion Ratio Lower Upper
83 100
85 67.7 45.8 85.0



#27
1,2-Dichloroethane
Concen: 25.339 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

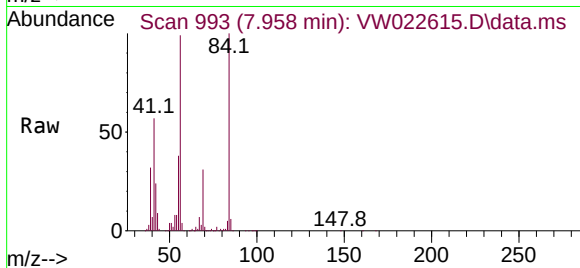
Tgt Ion: 62 Resp: 178237
Ion Ratio Lower Upper
62 100
98 8.9 6.2 9.2



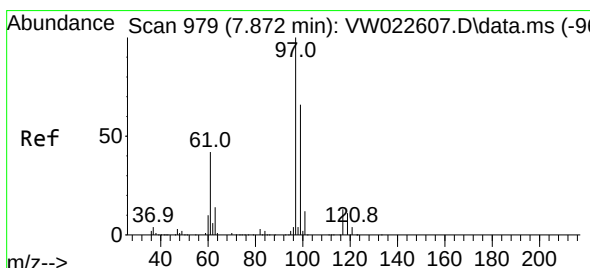
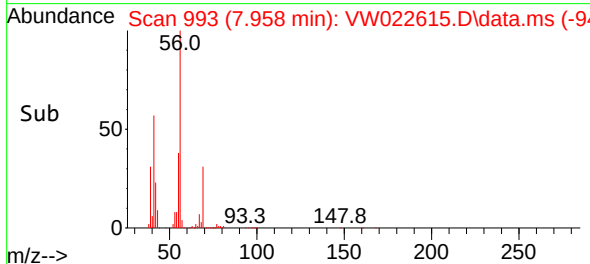
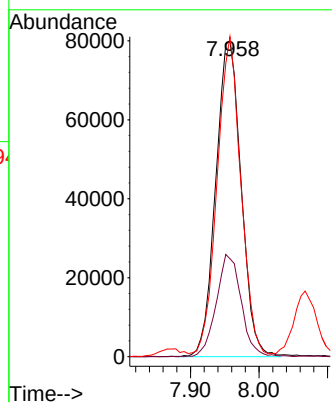


#29
Cyclohexane
Concen: 22.168 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

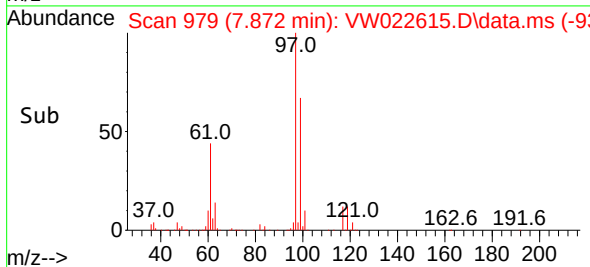
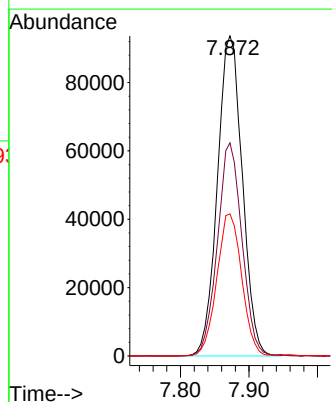
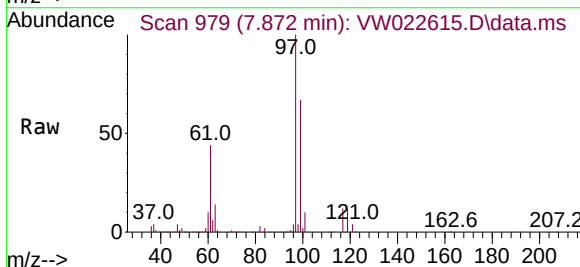


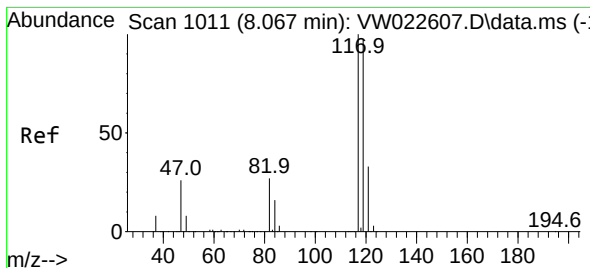
Tgt Ion:	56	69	84	Resp:	205730
Ion Ratio	100	31.6	95.5		
Lower		24.4	72.6		
Upper		36.6	108.8		



#30
1,1,1-Trichloroethane
Concen: 26.303 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion:	97	99	61	Resp:	236590
Ion Ratio	100	65.3	44.5		
Lower		51.7	38.7		
Upper		77.5	58.1		





#31

Carbon tetrachloride

Concen: 27.455 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

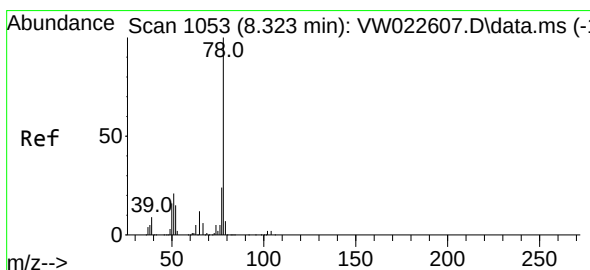
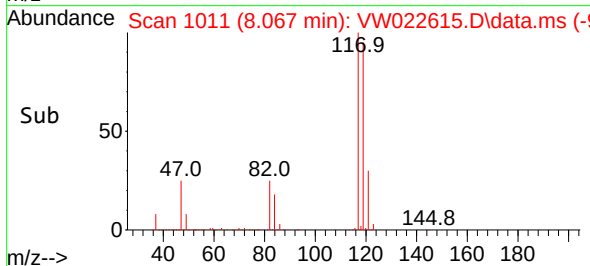
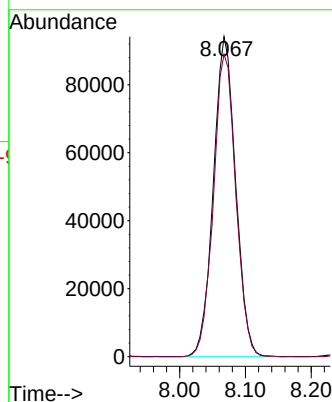
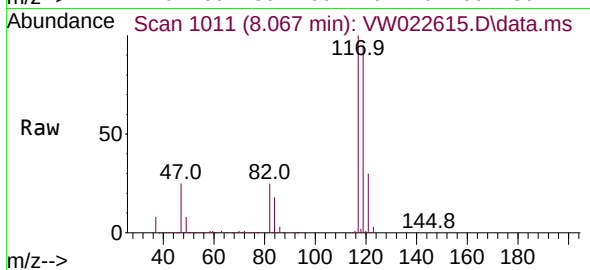
VSTD025499

Tgt Ion:117 Resp: 221650

Ion Ratio Lower Upper

117 100

119 94.9 75.5 113.3



#33

Benzene

Concen: 25.673 ug/L

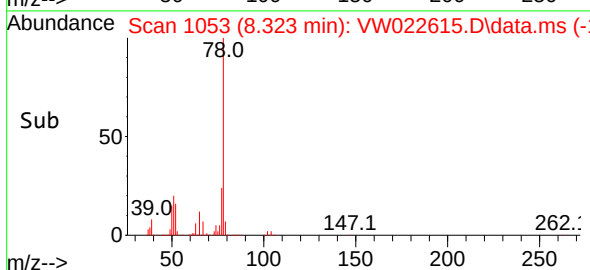
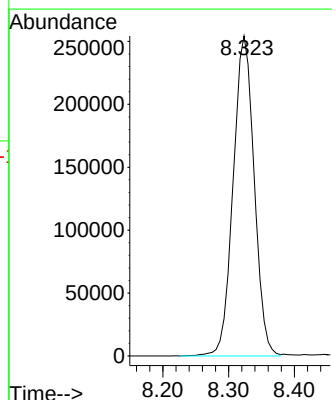
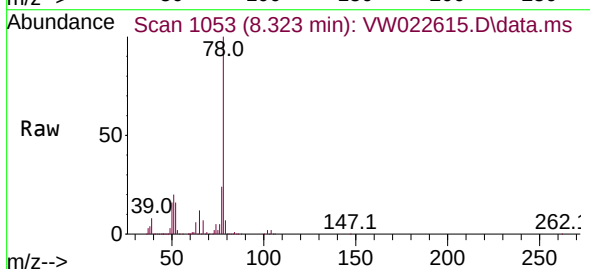
RT: 8.323 min Scan# 1053

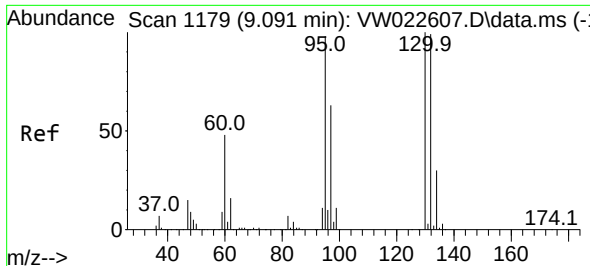
Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Tgt Ion: 78 Resp: 565198





#34

Trichloroethene

Concen: 26.479 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

Tgt Ion: 95 Resp: 156085

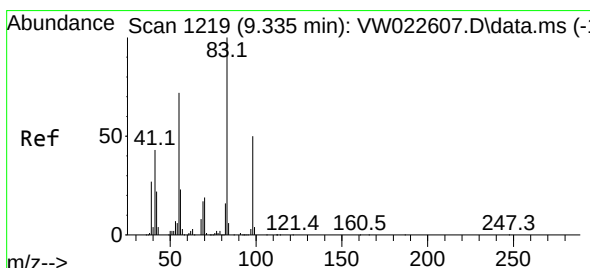
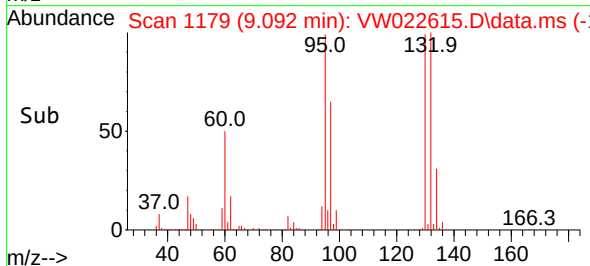
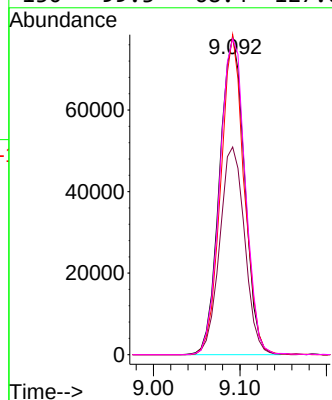
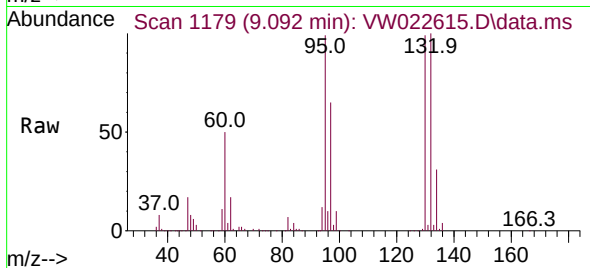
Ion Ratio Lower Upper

95 100

97 65.3 46.4 86.2

132 100.6 67.4 125.2

130 99.3 68.4 127.0



#35

Methylcyclohexane

Concen: 23.548 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

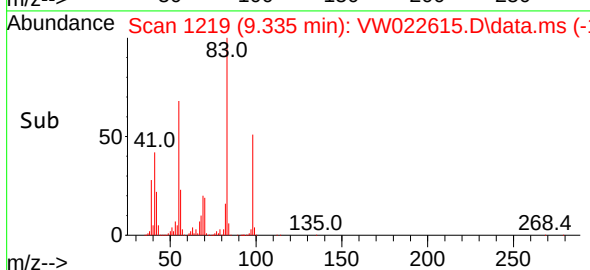
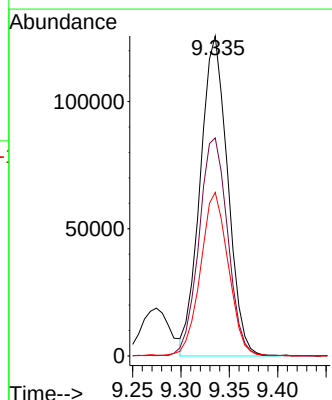
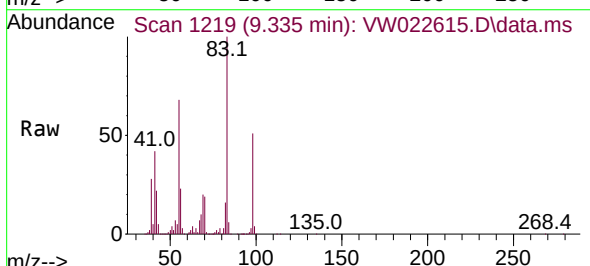
Tgt Ion: 83 Resp: 249039

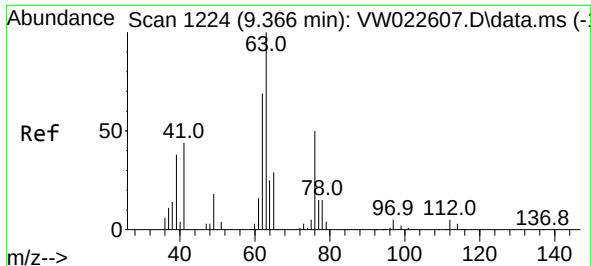
Ion Ratio Lower Upper

83 100

55 71.1 61.0 91.6

98 51.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 26.125 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

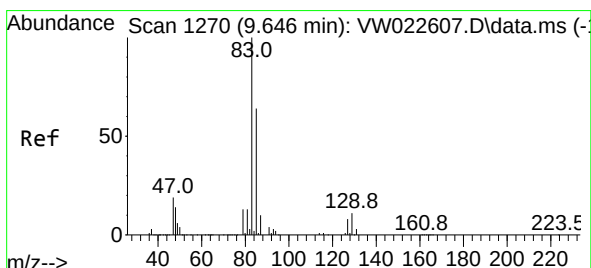
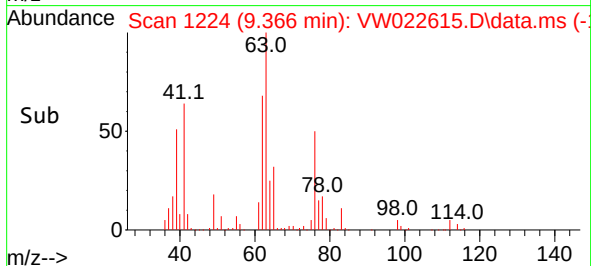
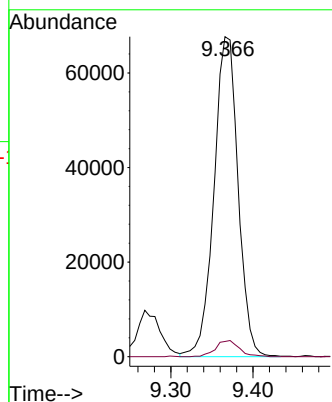
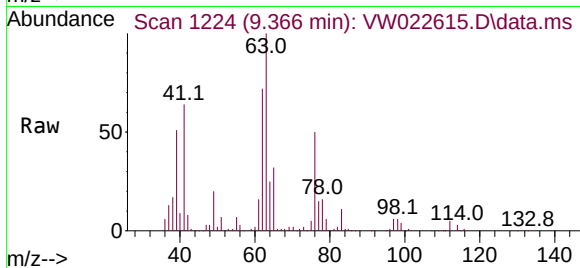
VSTD025499

Tgt Ion: 63 Resp: 137783

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 26.792 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

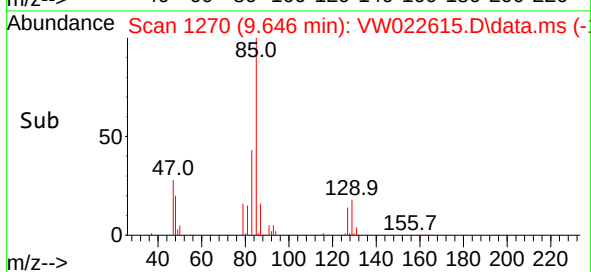
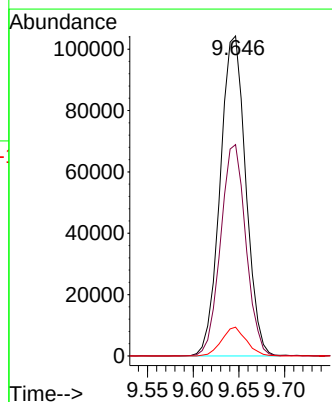
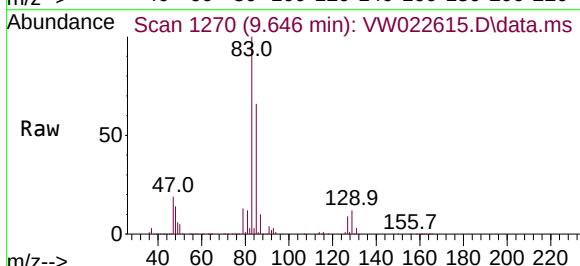
Tgt Ion: 83 Resp: 203203

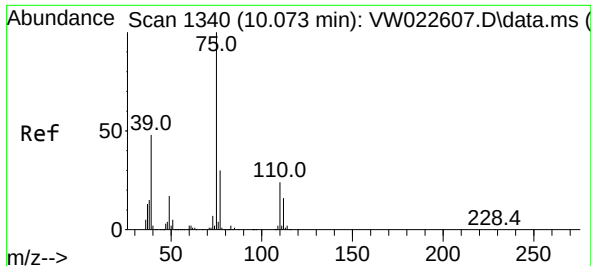
Ion Ratio Lower Upper

83 100

85 66.1 45.2 84.0

127 9.0 6.0 9.0#





#39

cis-1,3-Dichloropropene

Concen: 26.738 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

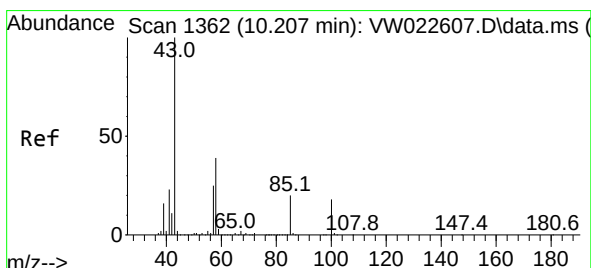
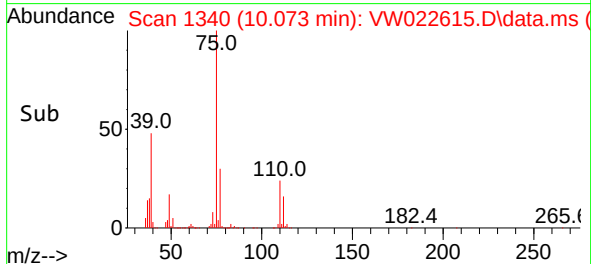
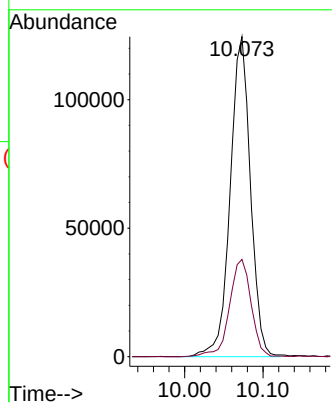
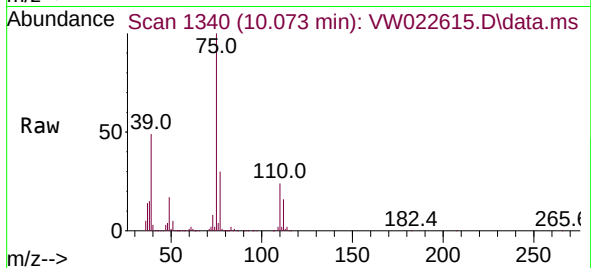
VSTD025499

Tgt Ion: 75 Resp: 223764

Ion Ratio Lower Upper

75 100

77 30.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 53.968 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

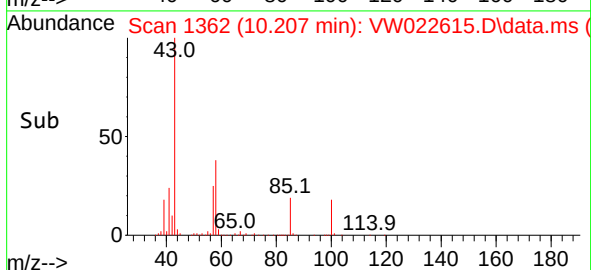
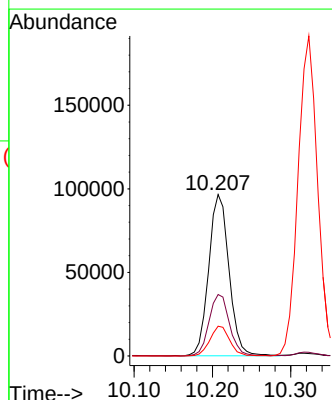
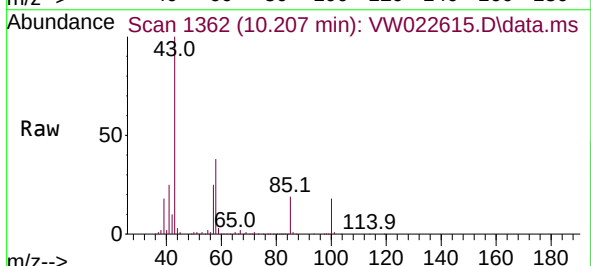
Tgt Ion: 43 Resp: 173702

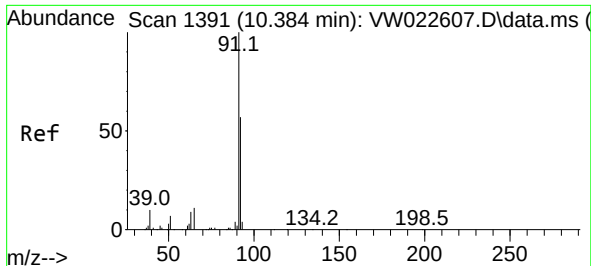
Ion Ratio Lower Upper

43 100

58 38.3 29.3 43.9

100 18.0 12.2 18.4

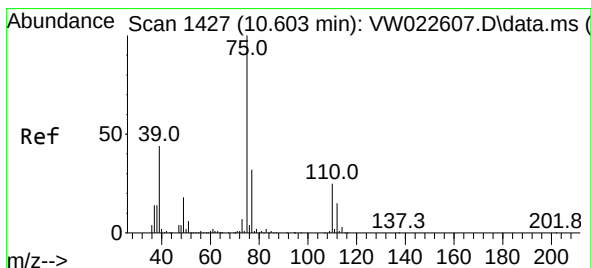
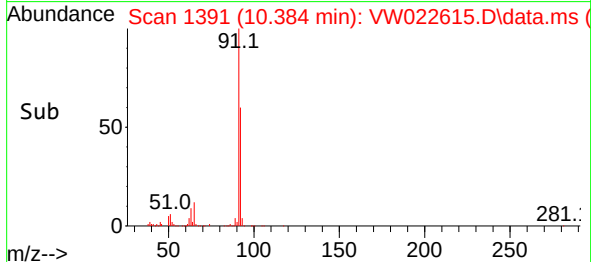
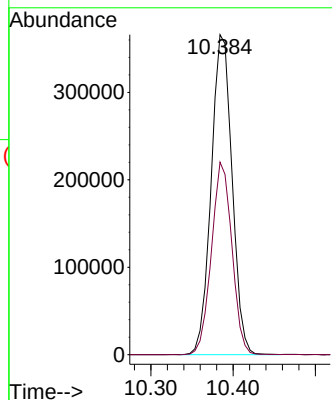
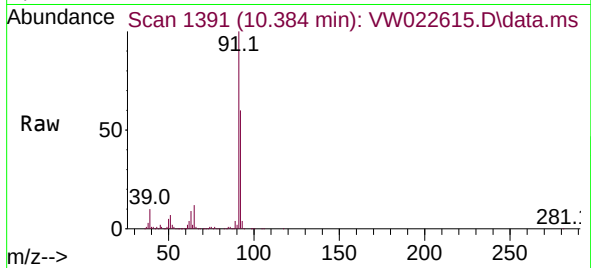




#42
Toluene
Concen: 25.627 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

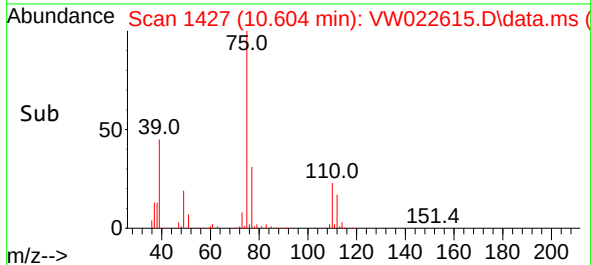
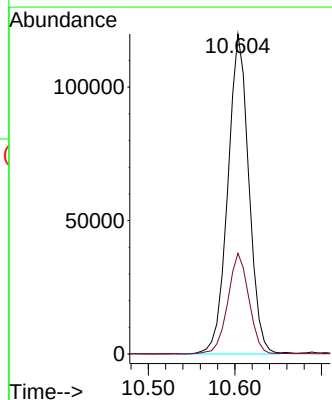
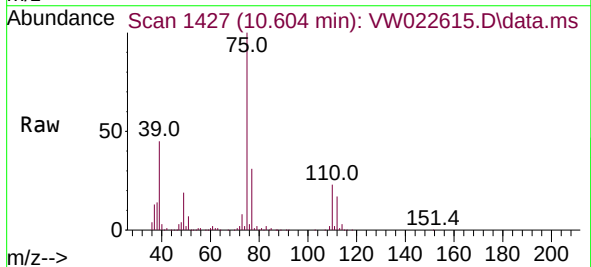
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

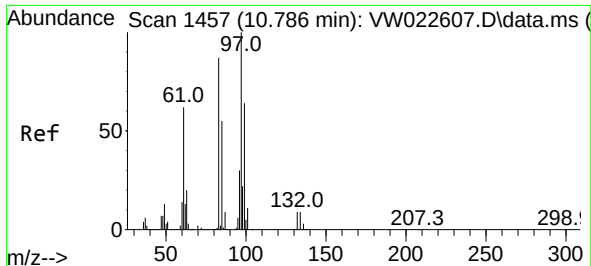
Tgt Ion: 91 Resp: 646479
Ion Ratio Lower Upper
91 100
92 60.2 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 26.937 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion: 75 Resp: 201855
Ion Ratio Lower Upper
75 100
77 31.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 28.966 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

Tgt Ion: 97 Resp: 116594

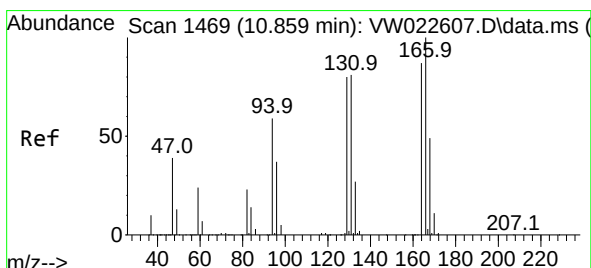
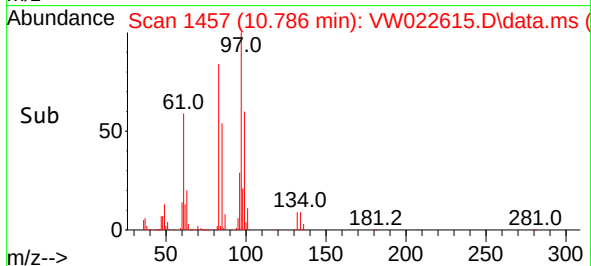
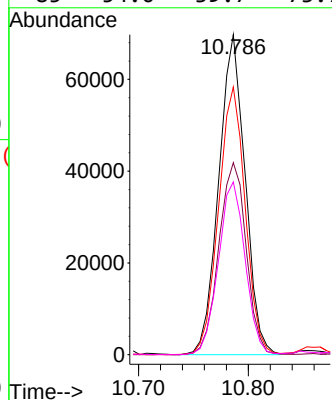
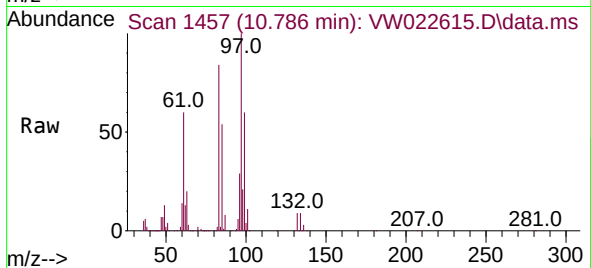
Ion Ratio Lower Upper

97 100

99 60.0 46.0 85.4

83 83.7 60.6 112.6

85 54.0 39.7 73.7



#46

Tetrachloroethene

Concen: 26.490 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Tgt Ion:164 Resp: 114782

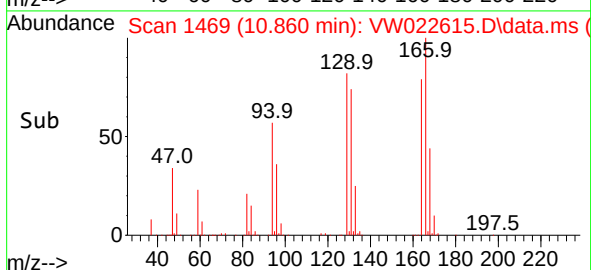
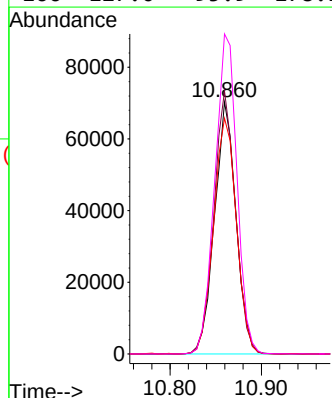
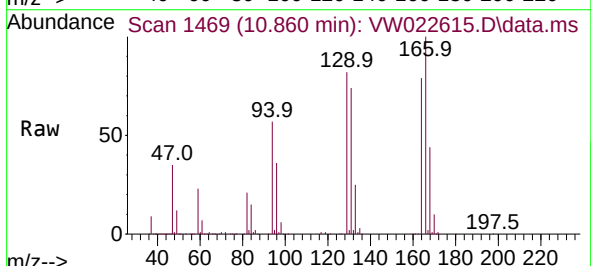
Ion Ratio Lower Upper

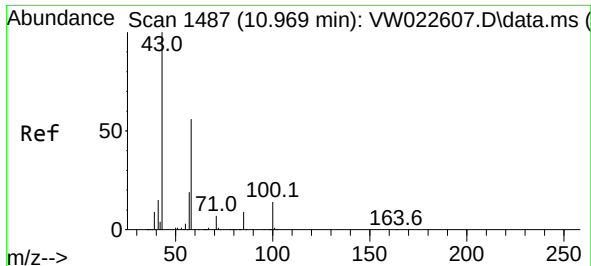
164 100

129 104.3 74.1 137.7

131 93.5 71.4 132.6

166 127.0 95.9 178.1

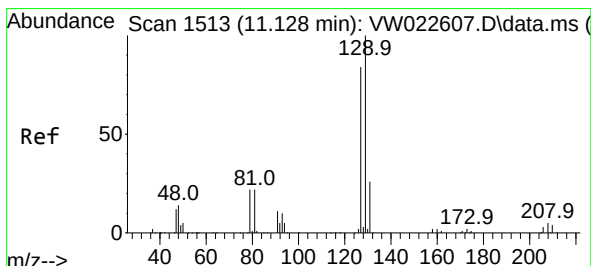
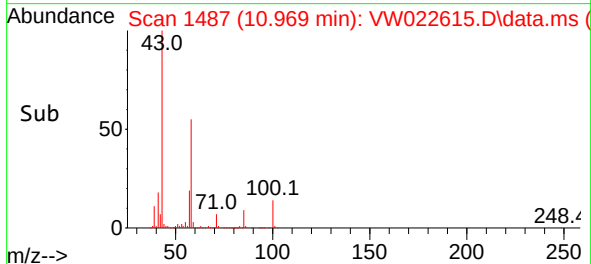
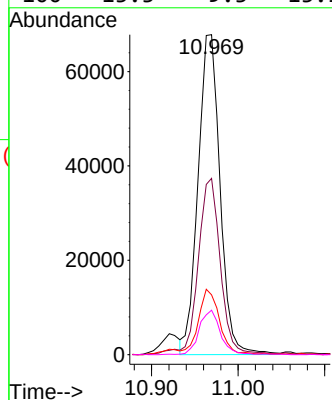
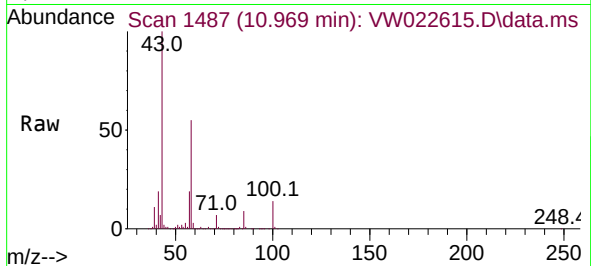




#48
2-Hexanone
Concen: 52.883 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

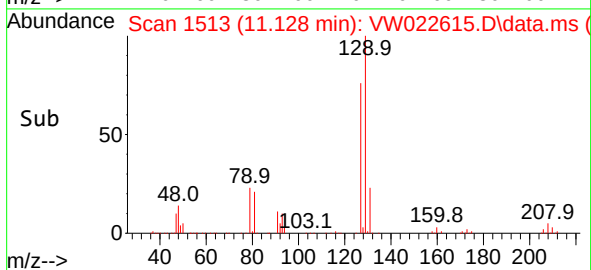
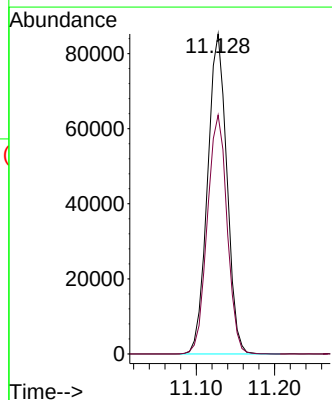
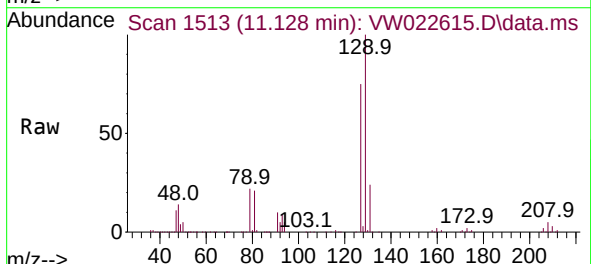
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

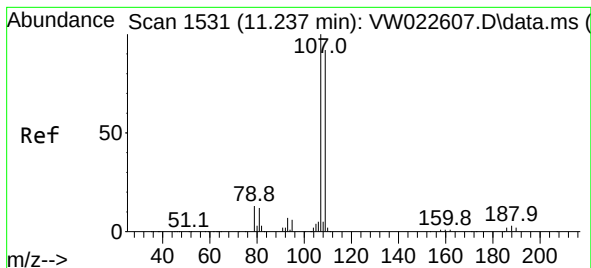
Tgt Ion:	43	Resp:	120081
Ion	Ratio	Lower	Upper
43	100		
58	54.1	41.6	62.4
57	19.1	14.5	21.7
100	13.3	9.3	13.9



#49
Dibromochloromethane
Concen: 30.349 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion:	129	Resp:	145689
Ion	Ratio	Lower	Upper
129	100		
127	74.6	52.6	97.6

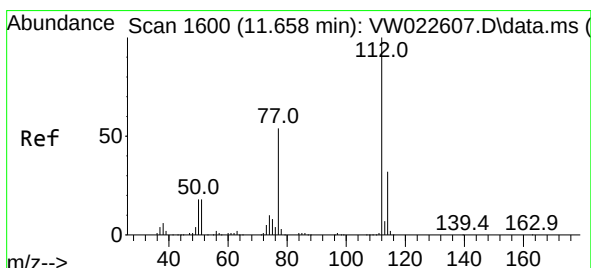
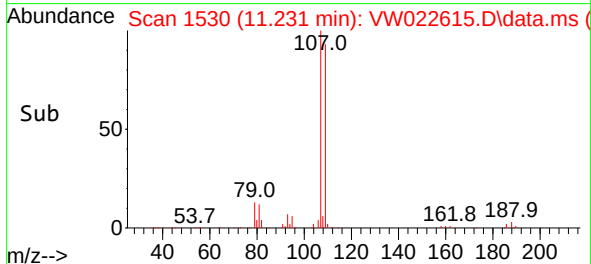
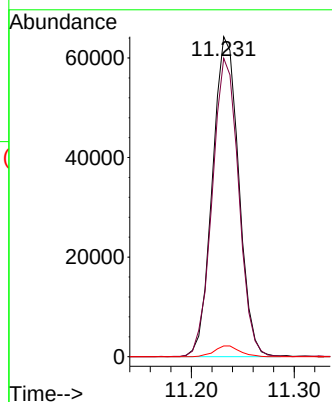
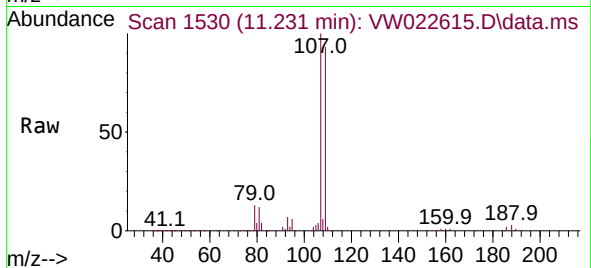




#50
1,2-Dibromoethane
Concen: 28.711 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

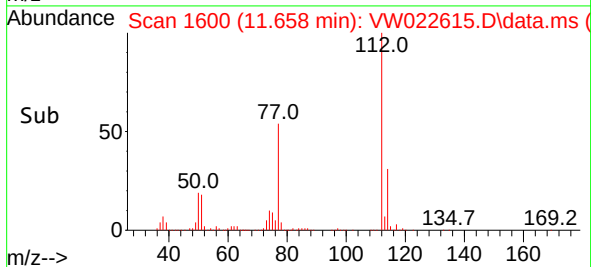
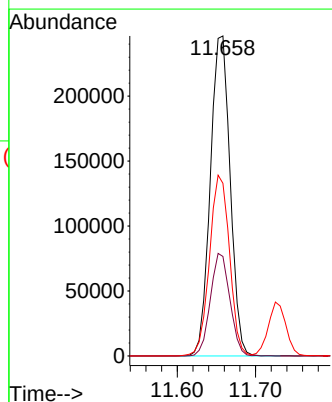
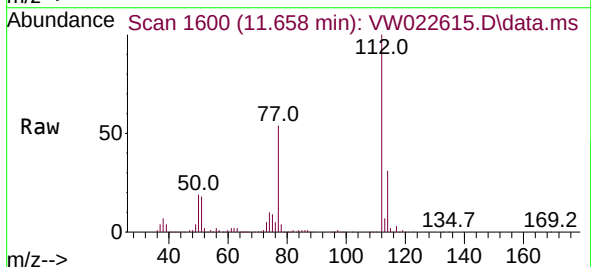
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

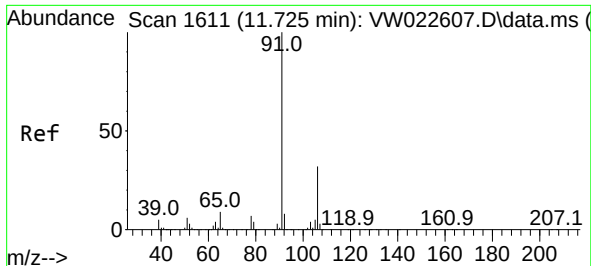
Tgt Ion:107 Resp: 114116
Ion Ratio Lower Upper
107 100
109 93.3 68.2 126.6
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 28.107 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion:112 Resp: 433301
Ion Ratio Lower Upper
112 100
114 31.1 20.5 38.1
77 54.0 48.1 72.1

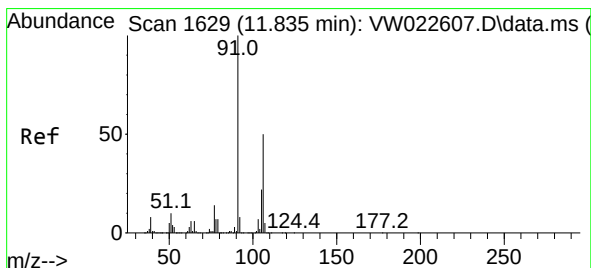
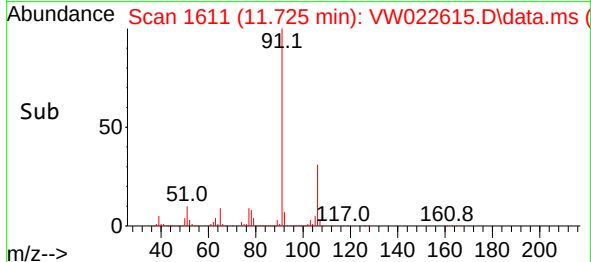
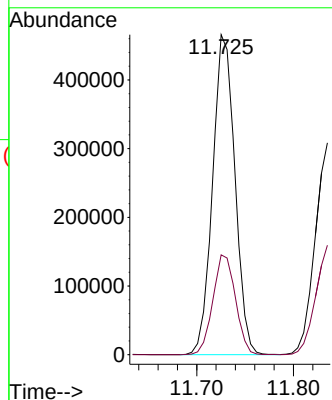
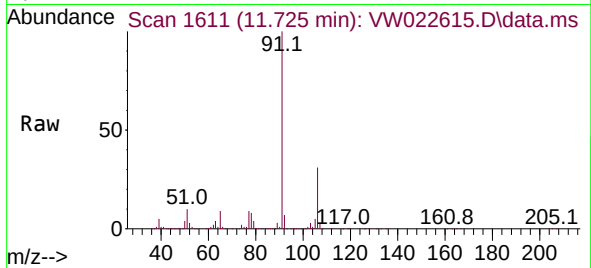




#52
Ethylbenzene
Concen: 26.403 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

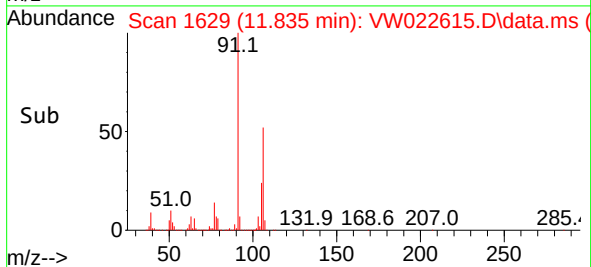
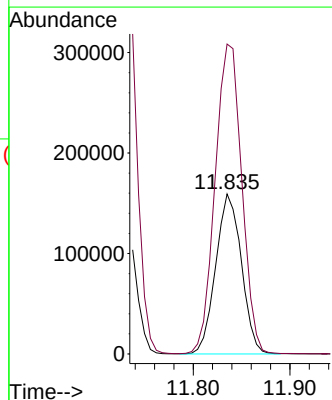
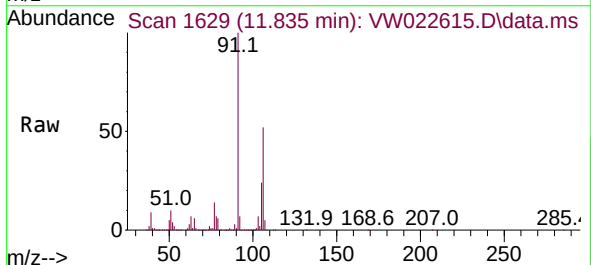
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

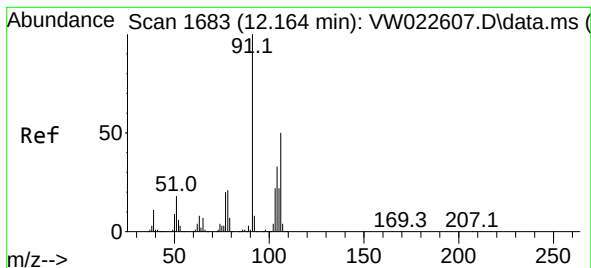
Tgt Ion: 91 Resp: 746565
Ion Ratio Lower Upper
91 100
106 31.2 20.5 38.1



#53
m,p-Xylene
Concen: 27.314 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion:106 Resp: 293666
Ion Ratio Lower Upper
106 100
91 193.7 149.9 278.5





#54

o-Xylene

Concen: 27.657 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

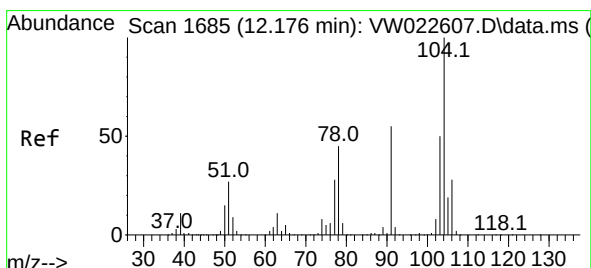
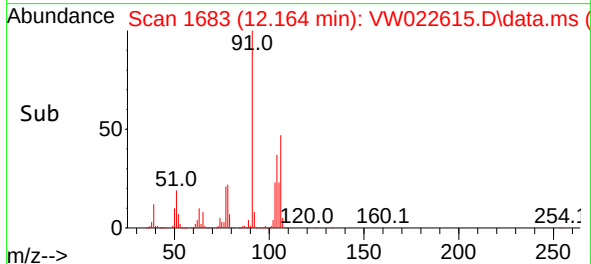
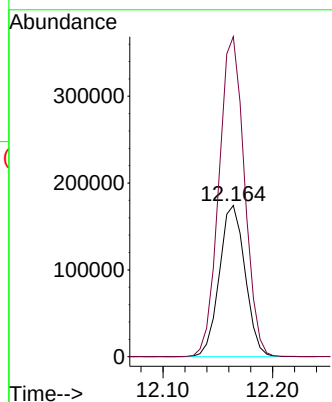
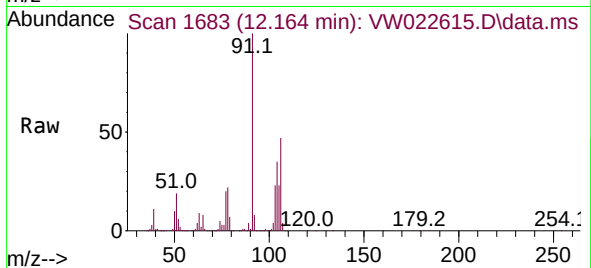
VSTD025499

Tgt Ion:106 Resp: 284157

Ion Ratio Lower Upper

106 100

91 211.5 155.3 288.3



#55

Styrene

Concen: 27.814 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022615.D

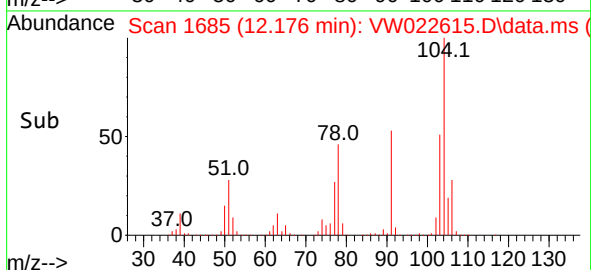
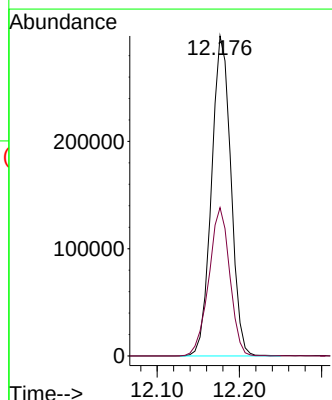
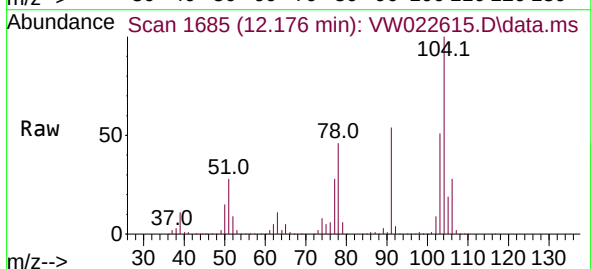
Acq: 26 Apr 2022 09:47

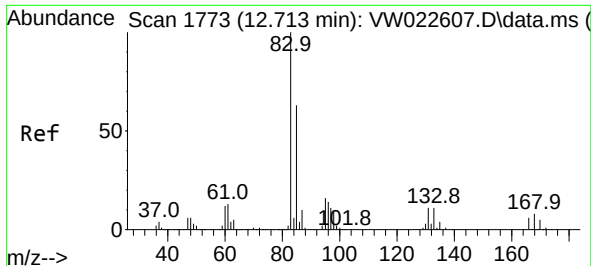
Tgt Ion:104 Resp: 488232

Ion Ratio Lower Upper

104 100

78 46.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 29.070 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

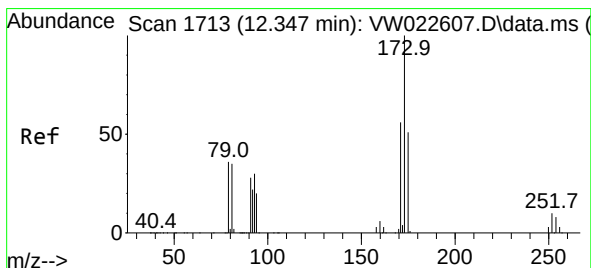
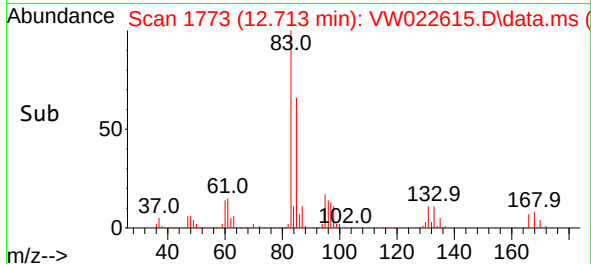
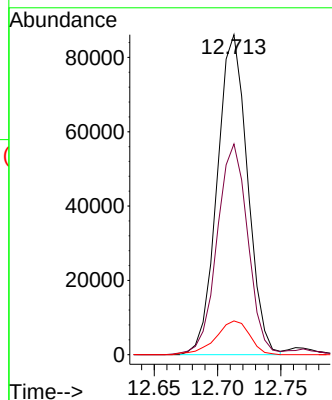
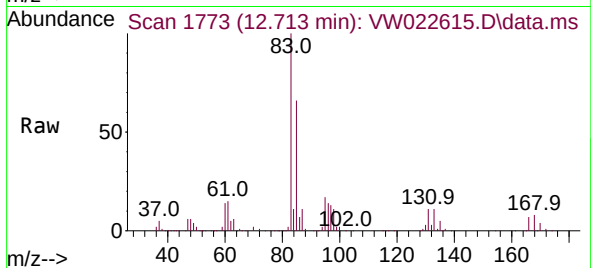
Tgt Ion: 83 Resp: 143618

Ion Ratio Lower Upper

83 100

85 65.9 45.5 84.5

131 10.6 7.8 11.8



#59

Bromoform

Concen: 28.930 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

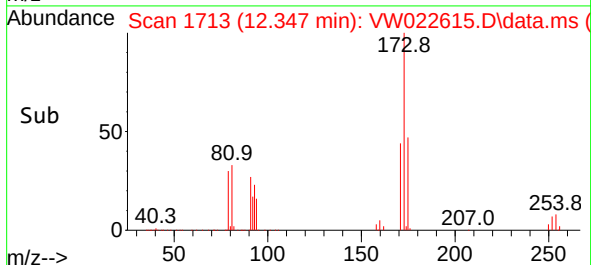
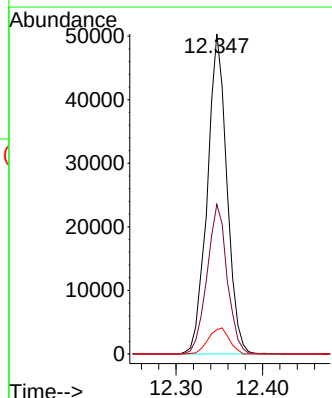
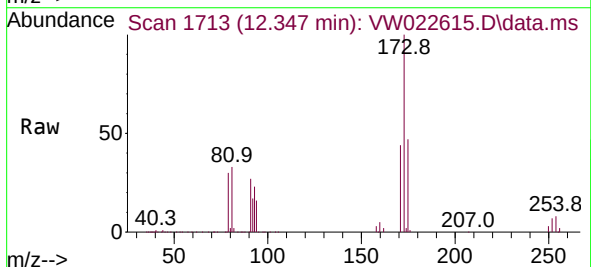
Tgt Ion:173 Resp: 79139

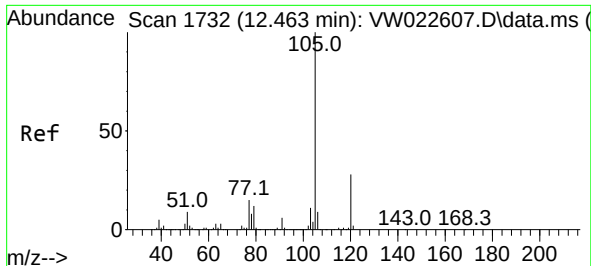
Ion Ratio Lower Upper

173 100

175 47.9 39.2 58.8

254 8.7 6.6 9.8

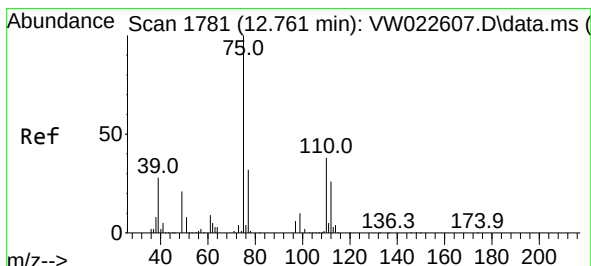
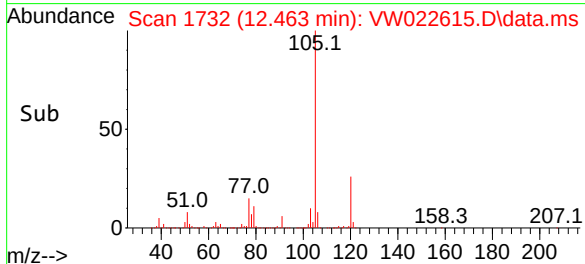
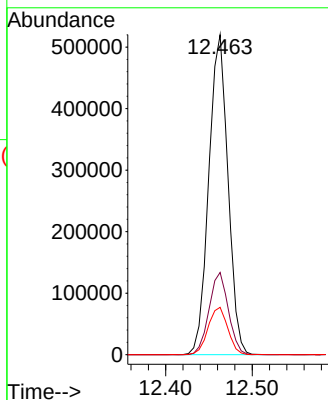
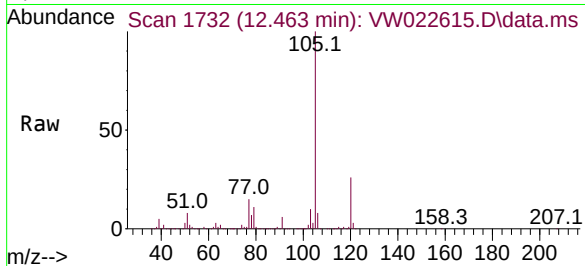




#60
Isopropylbenzene
Concen: 26.143 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

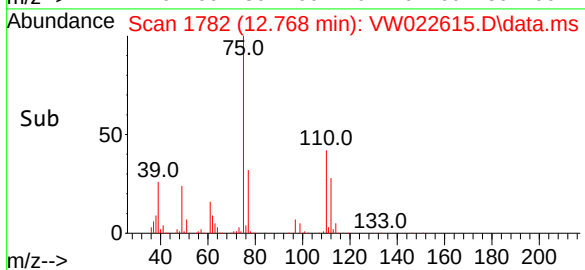
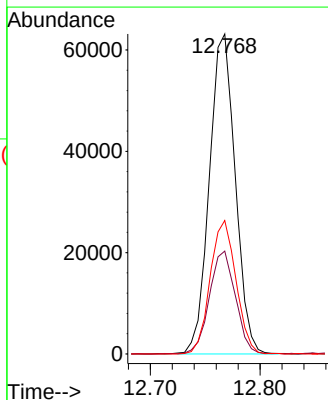
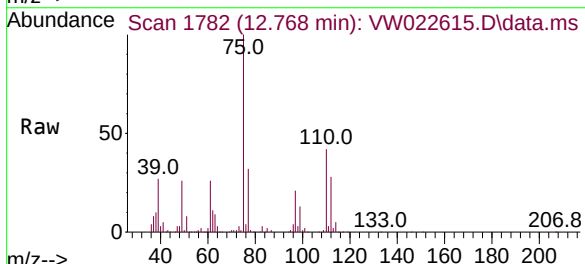
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

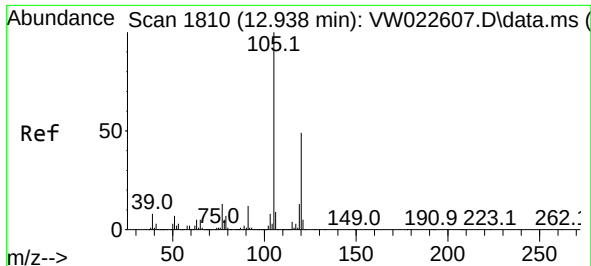
Tgt Ion:105 Resp: 799472
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 15.2 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 26.471 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion: 75 Resp: 103663
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 41.5 31.8 47.6

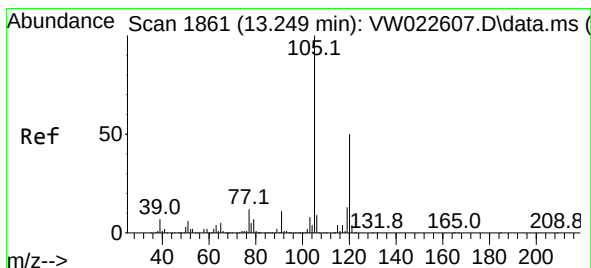
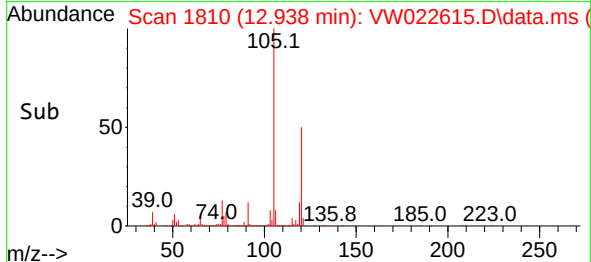
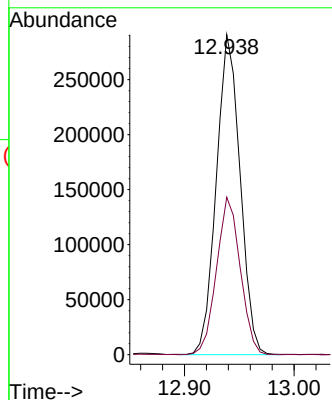
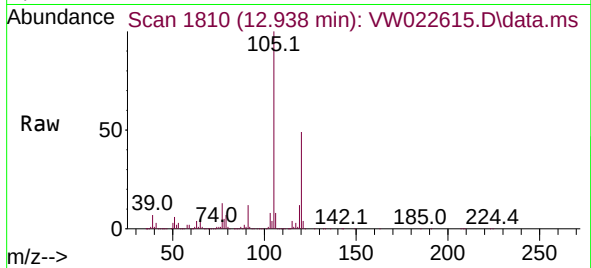




#62
1,3,5-Trimethylbenzene
Concen: 26.061 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

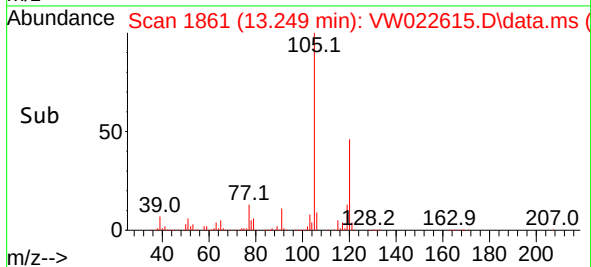
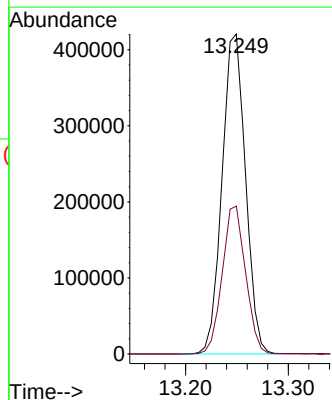
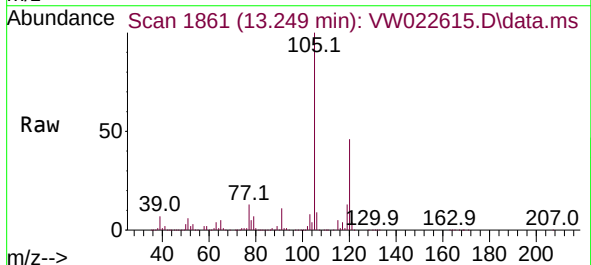
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

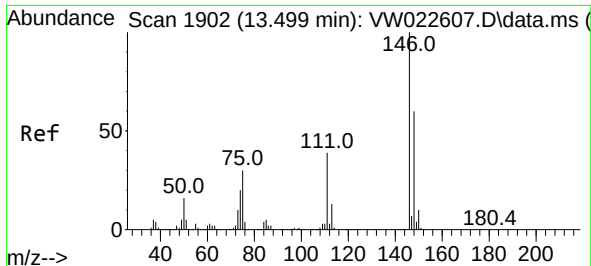
Tgt Ion:105 Resp: 438299
Ion Ratio Lower Upper
105 100
120 49.1 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 26.063 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion:105 Resp: 666551
Ion Ratio Lower Upper
105 100
120 46.1 34.2 51.2

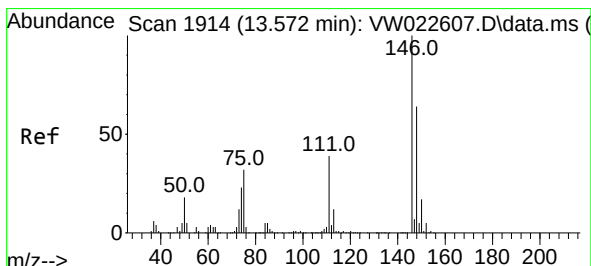
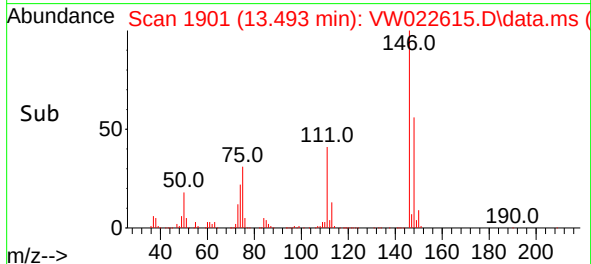
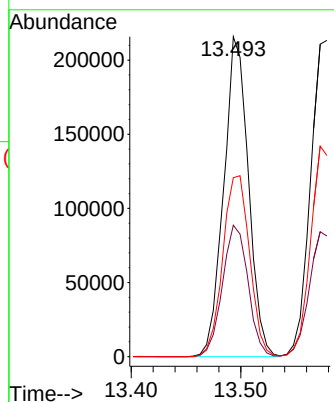
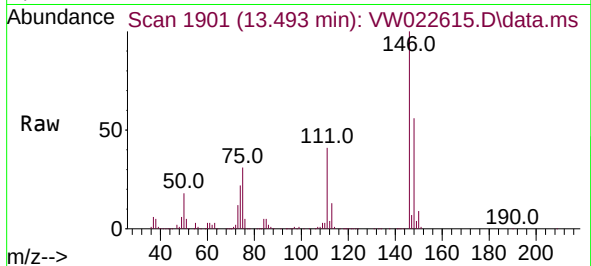




#64
1,3-Dichlorobenzene
Concen: 27.255 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

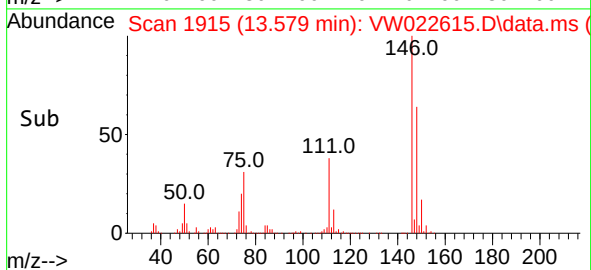
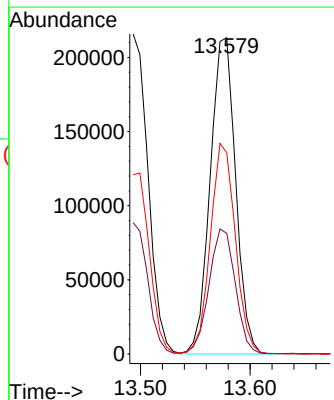
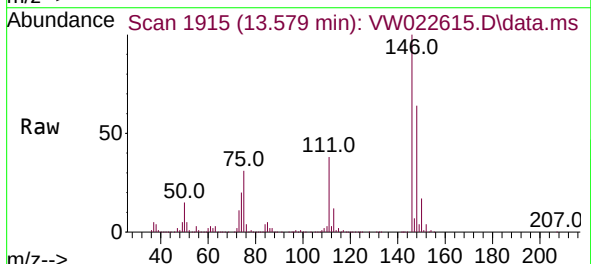
Instrument :
MSVOA_W
ClientSampleId :
VSTD025499

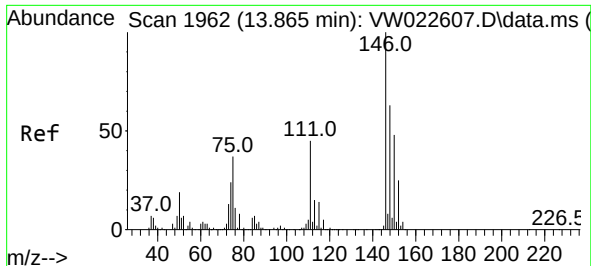
Tgt Ion:146 Resp: 338261
Ion Ratio Lower Upper
146 100
111 41.1 28.2 52.4
148 56.0 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 27.836 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022615.D
Acq: 26 Apr 2022 09:47

Tgt Ion:146 Resp: 344541
Ion Ratio Lower Upper
146 100
111 38.1 28.5 52.9
148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 28.257 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

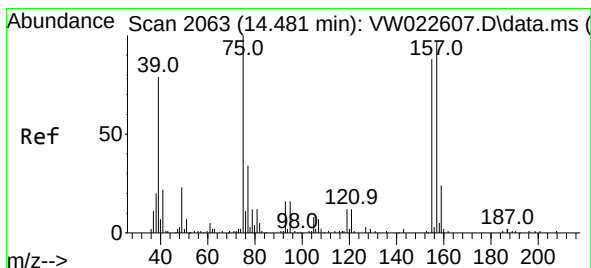
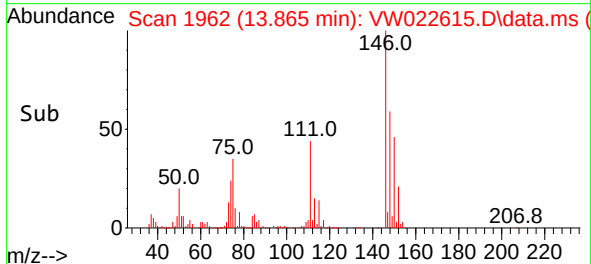
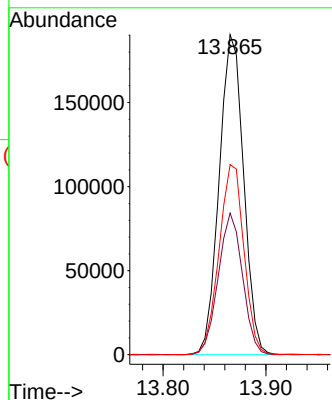
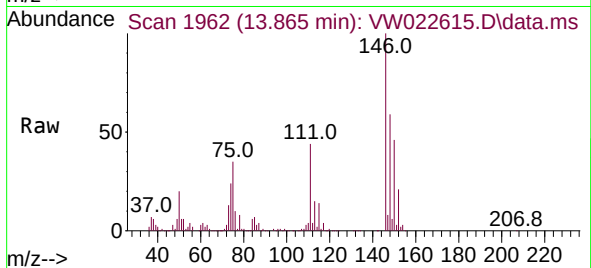
Tgt Ion:146 Resp: 313635

Ion Ratio Lower Upper

146 100

111 44.3 39.0 58.4

148 59.4 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 24.751 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

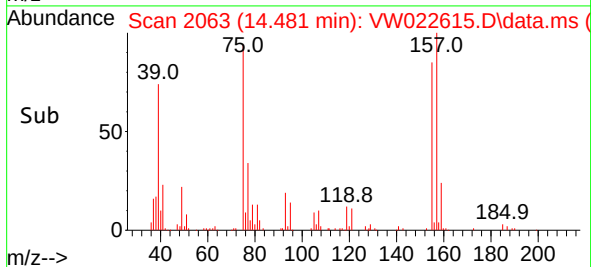
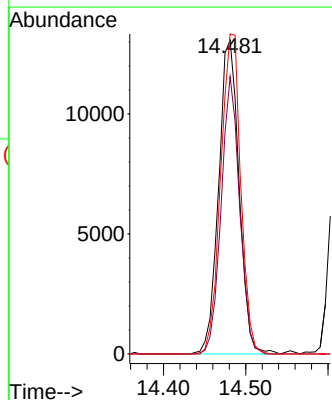
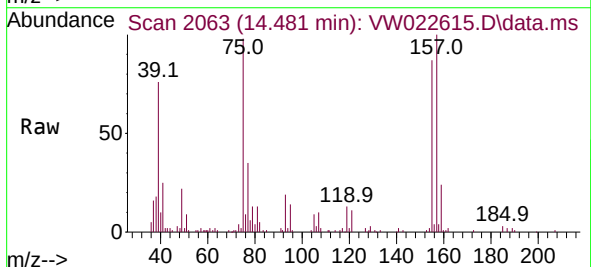
Tgt Ion: 75 Resp: 22479

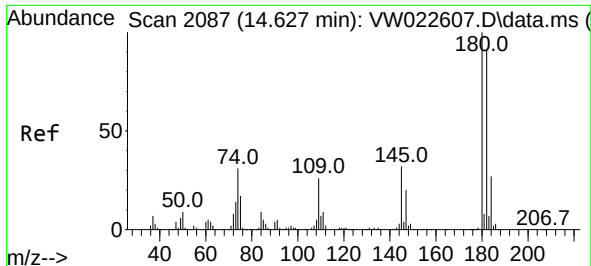
Ion Ratio Lower Upper

75 100

155 88.4 55.6 83.4#

157 102.0 69.8 104.6

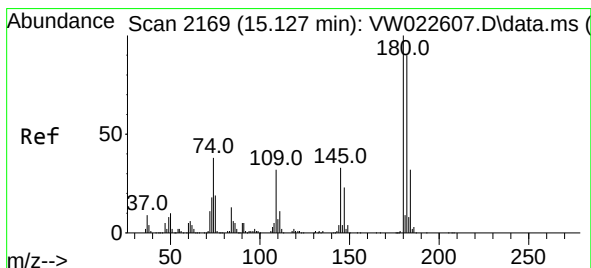
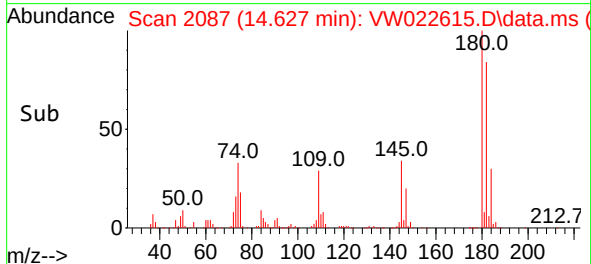
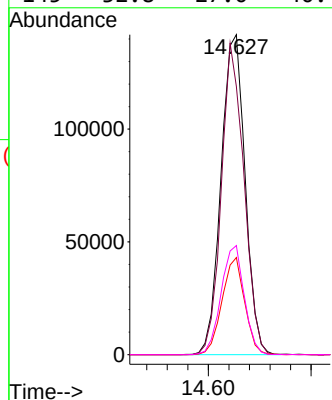
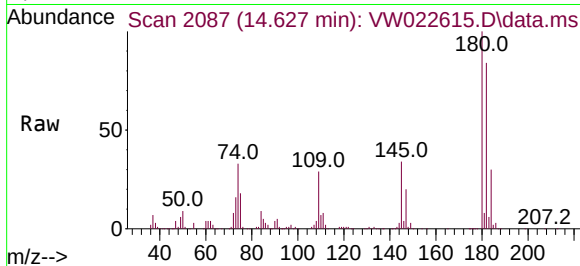




#69
 1,3,5-Trichlorobenzene
 Concen: 28.459 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022615.D
 Acq: 26 Apr 2022 09:47

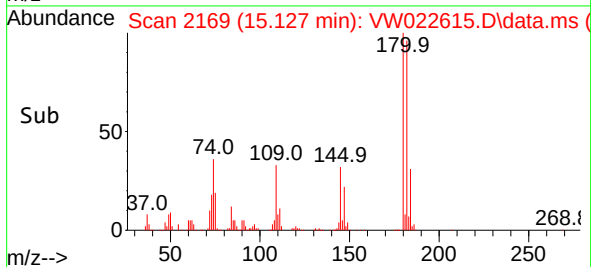
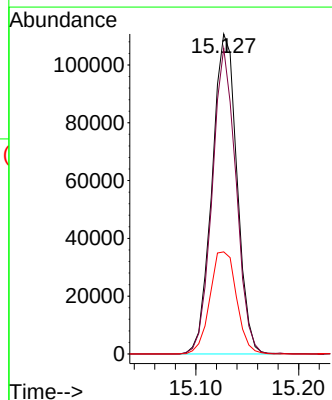
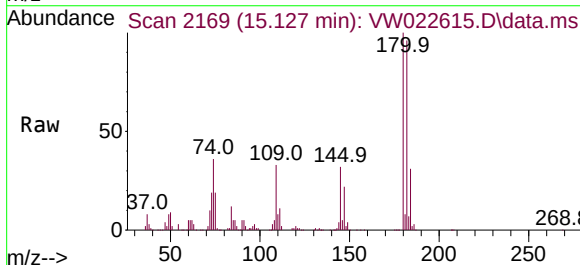
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

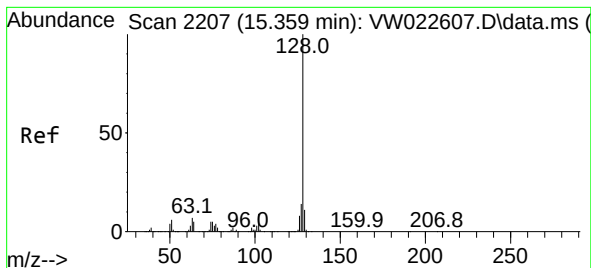
Tgt Ion:180 Resp: 230448
 Ion Ratio Lower Upper
 180 100
 182 91.2 79.1 118.7
 184 28.6 24.5 36.7
 145 32.8 27.0 40.4



#70
 1,2,4-trichlorobenzene
 Concen: 27.356 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022615.D
 Acq: 26 Apr 2022 09:47

Tgt Ion:180 Resp: 186038
 Ion Ratio Lower Upper
 180 100
 182 91.2 72.8 109.2
 145 34.1 25.5 38.3





#71

Naphthalene

Concen: 27.781 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025499

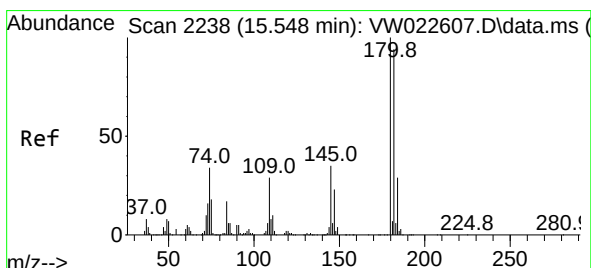
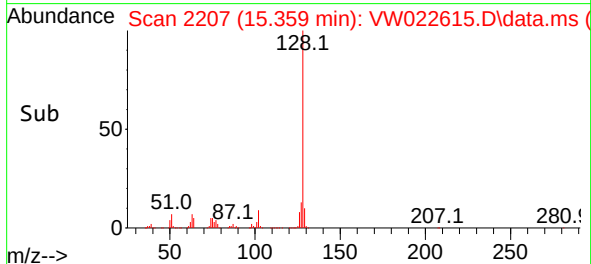
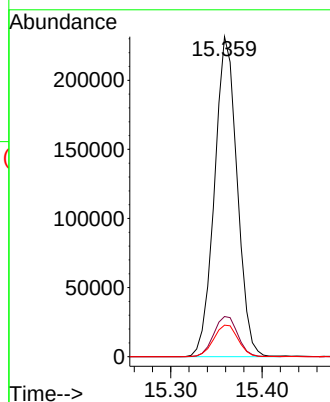
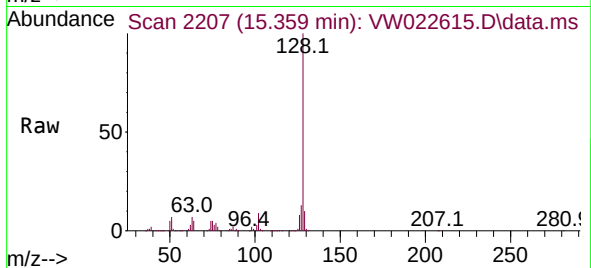
Tgt Ion:128 Resp: 398493

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 27.698 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022615.D

Acq: 26 Apr 2022 09:47

Tgt Ion:180 Resp: 161009

Ion Ratio Lower Upper

180 100

182 89.7 73.4 110.0

145 34.3 27.0 40.6

