

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102722\
 Data File : VW024997.D
 Acq On : 27 Oct 2022 14:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Oct 27 23:51:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 23:51:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	289803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	268967	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	132798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	75057	23.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
7) Chloroethane-d5	2.885	69	46569	24.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.760%
11) 1,1-Dichloroethene-d2	4.019	63	203477	25.112	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.440%
21) 2-Butanone-d5	7.080	46	48117	43.829	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.660%
24) Chloroform-d	7.647	84	237091	26.957	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.840%
26) 1,2-Dichloroethane-d4	8.305	65	130757	26.560	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.240%
32) Benzene-d6	8.275	84	450594	26.137	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.560%
36) 1,2-Dichloropropane-d6	9.275	67	128440	25.427	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.720%
41) Toluene-d8	10.323	98	420812	26.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.880%
43) trans-1,3-Dichloroprop...	10.573	79	57244	25.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.240%
47) 2-Hexanone-d5	10.921	63	40367	46.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.520%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	97781	24.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	137238	26.892	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	20739	21.455	ug/L	98
3) Chloromethane	2.215	50	48426	20.829	ug/L	99
5) Vinyl chloride	2.361	62	70465	21.936	ug/L	96
6) Bromomethane	2.782	94	34915	21.780	ug/L	100
8) Chloroethane	2.922	64	30511	22.769	ug/L	100
9) Trichlorofluoromethane	3.263	101	65090	24.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	89754	23.520	ug/L	99
12) 1,1-Dichloroethene	4.044	96	84730	23.569	ug/L	94
13) Acetone	4.129	43	28846	36.987	ug/L	95
14) Carbon disulfide	4.385	76	241705	23.017	ug/L	98
15) Methyl Acetate	4.672	43	32266	20.780	ug/L	100
16) Methylene chloride	4.916	84	118551	23.040	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	94074	24.439	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	153554	23.780	ug/L	98
19) 1,1-Dichloroethane	6.220	63	172722	24.236	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	102230	24.366	ug/L	93
22) 2-Butanone	7.177	43	41958	35.908	ug/L	95
23) Bromochloromethane	7.513	128	42557	23.398	ug/L	95
25) Chloroform	7.677	83	188325	25.038	ug/L	95

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 Response via : Initial Calibration

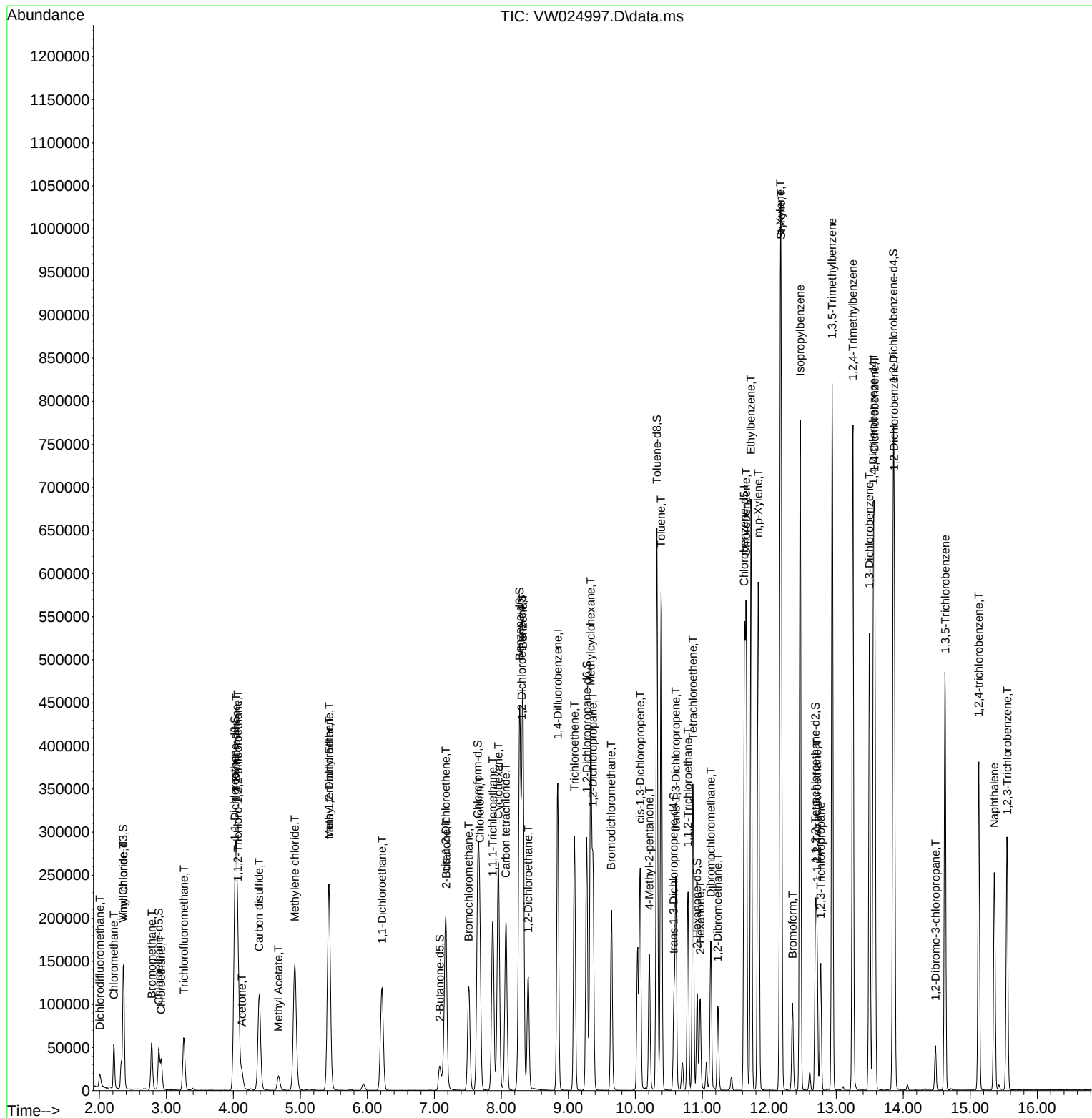
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	123951	24.295	ug/L	99
29) Cyclohexane	7.958	56	145023	22.835	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	165219	25.101	ug/L	97
31) Carbon tetrachloride	8.067	117	149035	25.339	ug/L	98
33) Benzene	8.323	78	390736	24.124	ug/L	100
34) Trichloroethene	9.092	95	103138	24.054	ug/L	97
35) Methylcyclohexane	9.335	83	171466	23.535	ug/L	100
37) 1,2-Dichloropropane	9.366	63	93581	23.805	ug/L	99
38) Bromodichloromethane	9.640	83	138417	25.228	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	153918	24.767	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	97313	42.183	ug/L	99
42) Toluene	10.384	91	421488	24.511	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	134229	24.295	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	69364	23.369	ug/L	98
46) Tetrachloroethene	10.860	164	73314	23.909	ug/L	92
48) 2-Hexanone	10.969	43	64908	40.684	ug/L	99
49) Dibromochloromethane	11.128	129	88605	24.489	ug/L	100
50) 1,2-Dibromoethane	11.232	107	64090	22.831	ug/L	99
51) Chlorobenzene	11.652	112	269007	24.135	ug/L	98
52) Ethylbenzene	11.725	91	480204	24.193	ug/L	98
53) m,p-Xylene	11.835	106	185303	24.118	ug/L	95
54) o-Xylene	12.164	106	174811	24.117	ug/L	93
55) Styrene	12.176	104	311109	24.711	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	78107	21.936	ug/L	98
59) Bromoform	12.347	173	44132	23.496	ug/L	98
60) Isopropylbenzene	12.463	105	496401	24.863	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	60423	22.647	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	432873	24.976	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	420663	24.752	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	200932	24.130	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	205199	24.696	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	180733	24.139	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	13627	22.102	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.627	180	132800	24.078	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	106522	24.849	ug/L	97
71) Naphthalene	15.359	128	210563	23.284	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	91285	24.439	ug/L	99

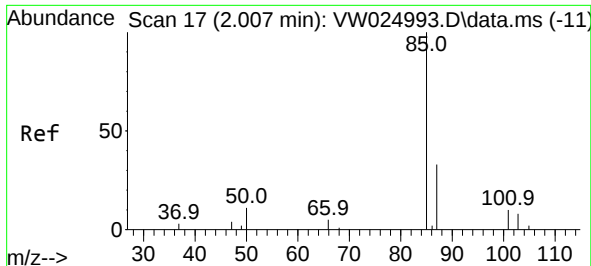
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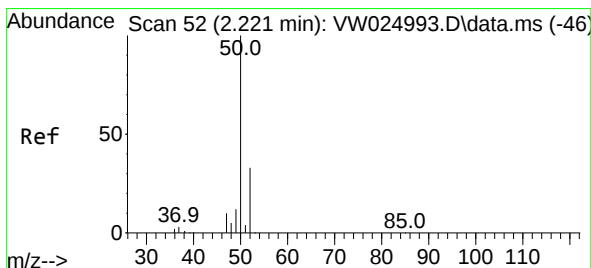
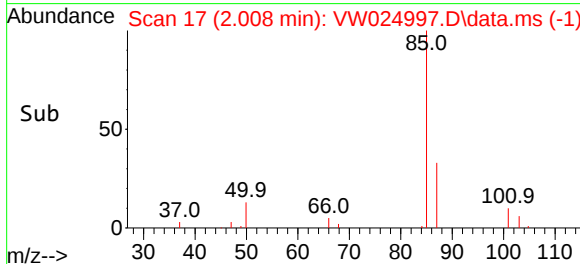
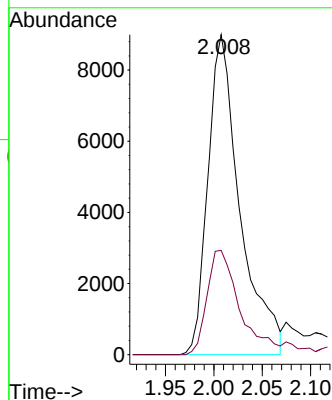
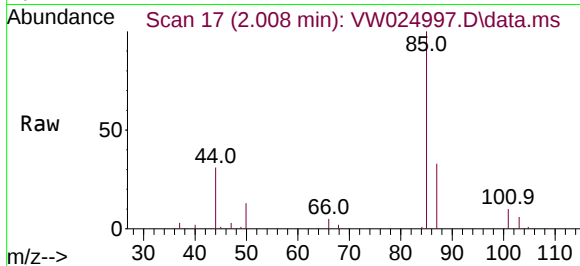




#2
 Dichlorodifluoromethane
 Concen: 21.455 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024997.D
 Acq: 27 Oct 2022 14:42

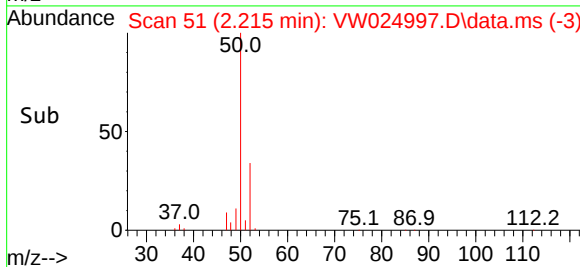
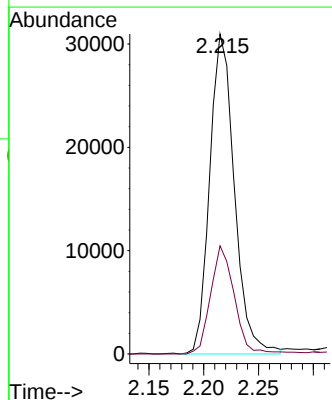
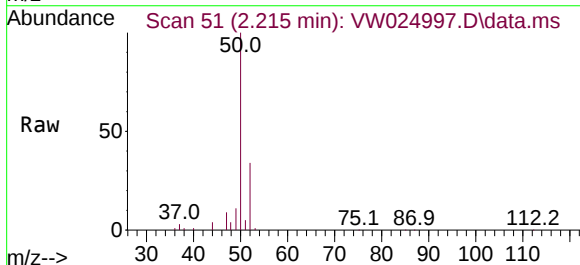
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 ClientSampleId :
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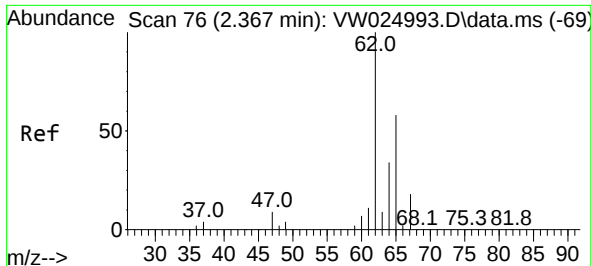
Tgt Ion: 85 Resp: 20739
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.9 38.9



#3
 Chloromethane
 Concen: 20.829 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW024997.D
 Acq: 27 Oct 2022 14:42

Tgt Ion: 50 Resp: 48426
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.1 44.8

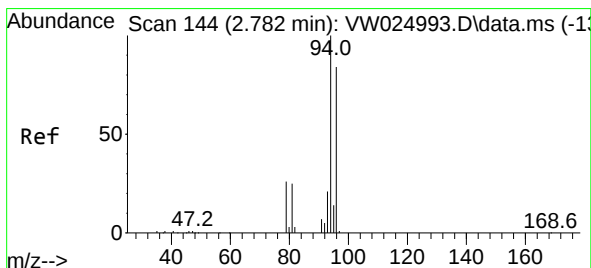
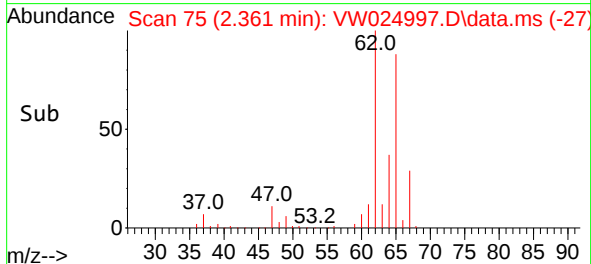
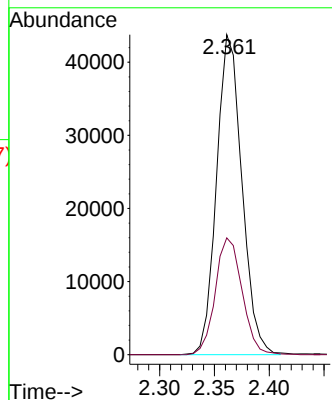
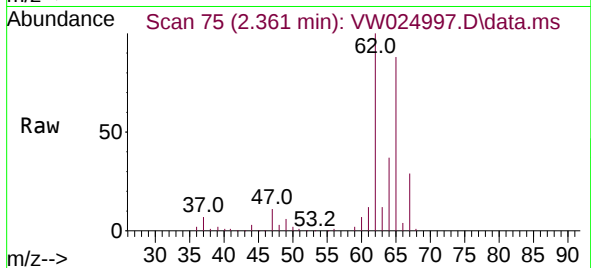




#5
 Vinyl chloride
 Concen: 21.936 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW024997.D
 Acq: 27 Oct 2022 14:42

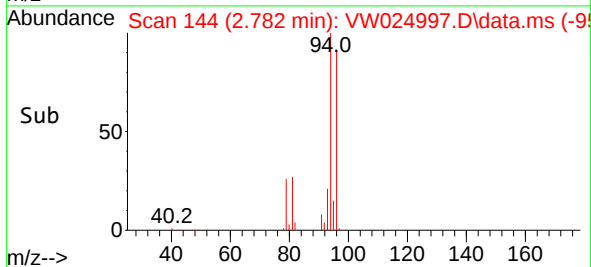
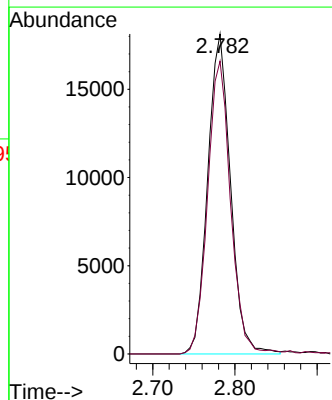
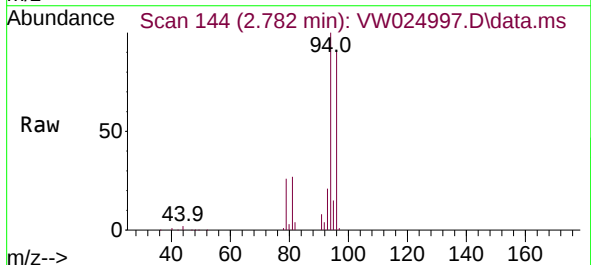
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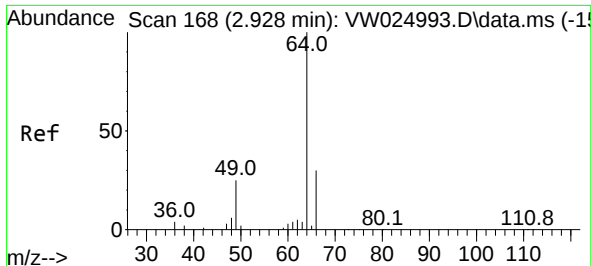
Tgt Ion: 62 Resp: 70465
 Ion Ratio Lower Upper
 62 100
 64 36.5 27.2 50.6



#6
 Bromomethane
 Concen: 21.780 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024997.D
 Acq: 27 Oct 2022 14:42

Tgt Ion: 94 Resp: 34915
 Ion Ratio Lower Upper
 94 100
 96 91.5 63.8 118.6

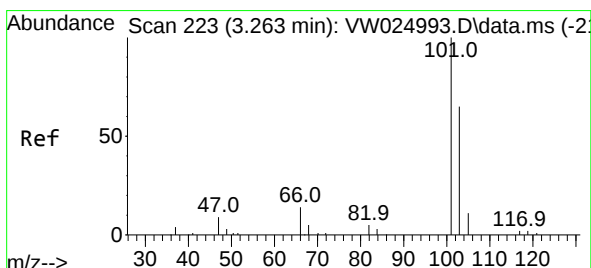
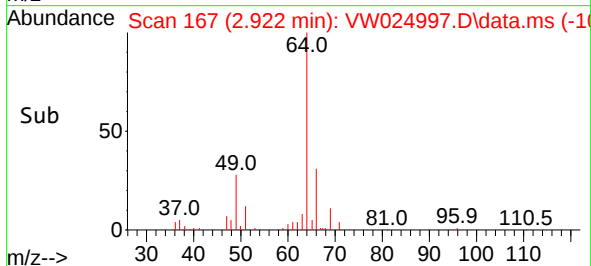
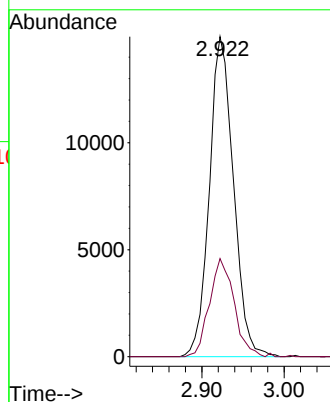
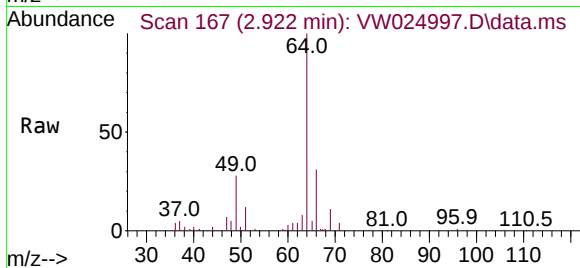




#8
Chloroethane
Concen: 22.769 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

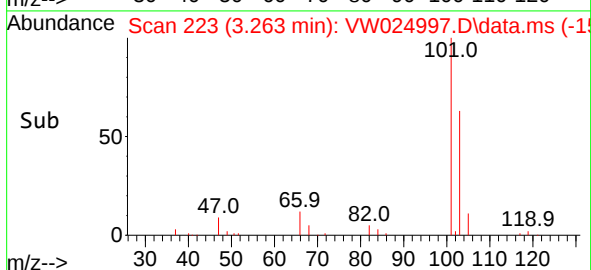
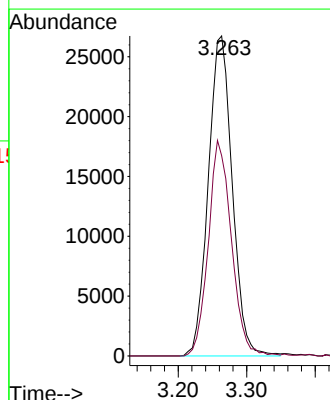
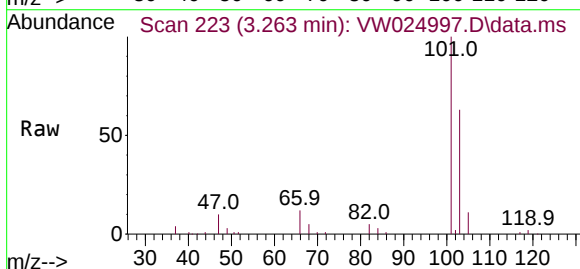
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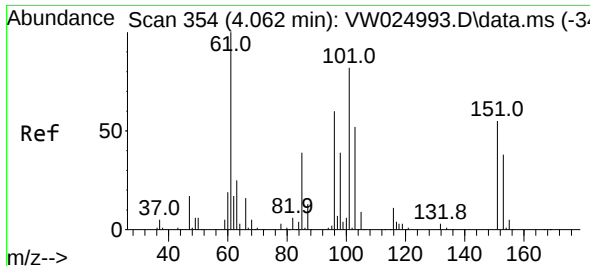
Tgt Ion: 64 Resp: 30511
Ion Ratio Lower Upper
64 100
66 30.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 24.154 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion:101 Resp: 65090
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

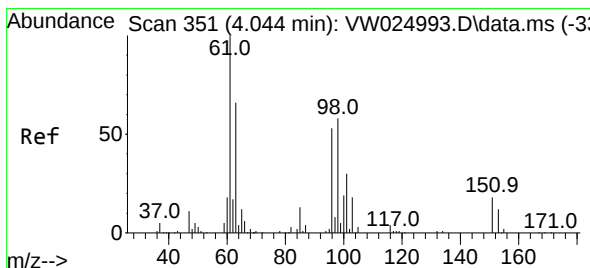
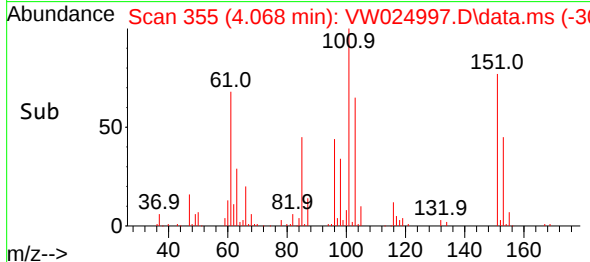
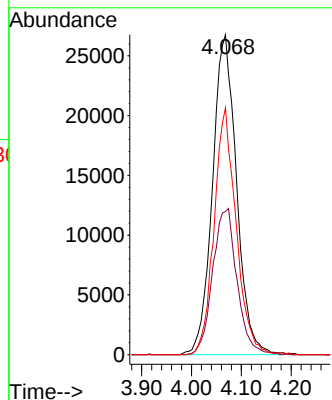
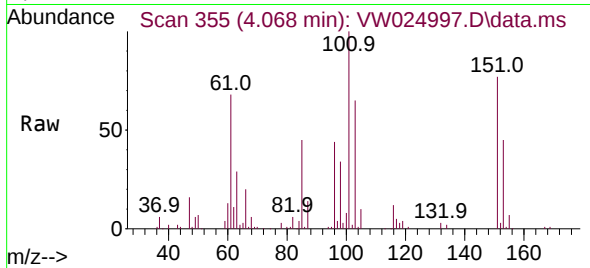




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.520 ug/L
 RT: 4.068 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW024997.D
 Acq: 27 Oct 2022 14:42

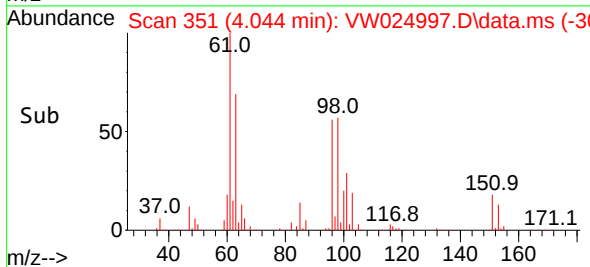
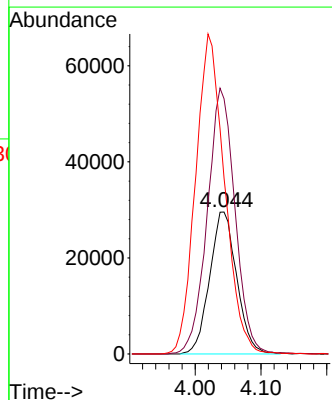
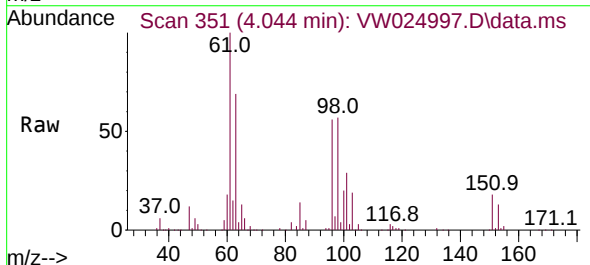
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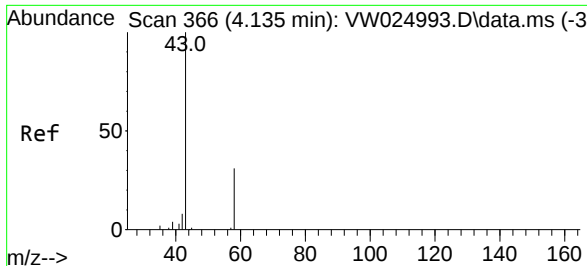
Tgt Ion:101 Resp: 89754
 Ion Ratio Lower Upper
 101 100
 85 46.2 36.5 54.7
 151 70.6 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 23.569 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024997.D
 Acq: 27 Oct 2022 14:42

Tgt Ion: 96 Resp: 84730
 Ion Ratio Lower Upper
 96 100
 61 179.8 126.2 234.4
 63 124.0 98.3 182.7





#13

Acetone

Concen: 36.987 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

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ClientSampleId :

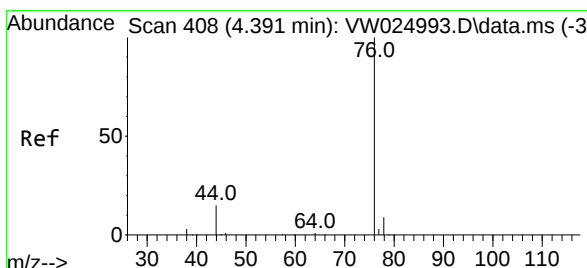
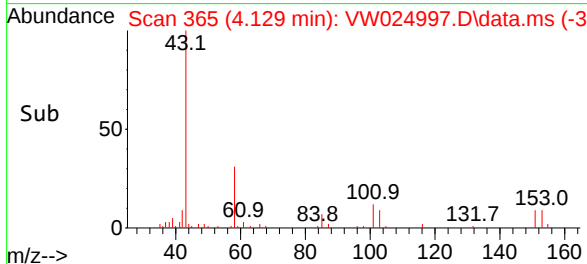
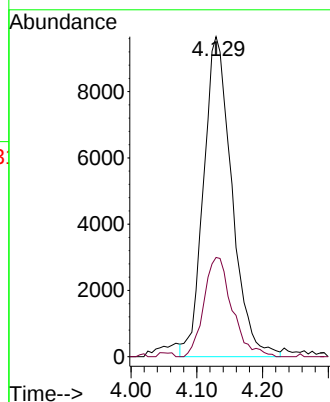
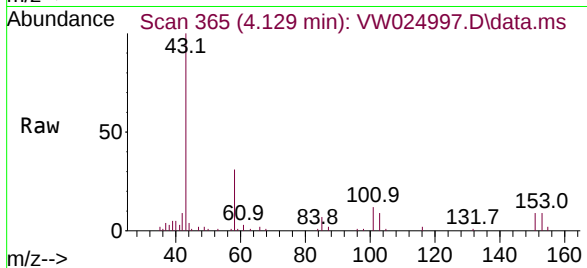
VSTD025482

Tgt Ion: 43 Resp: 28846

Ion Ratio Lower Upper

43 100

58 30.0 0.0 65.4



#14

Carbon disulfide

Concen: 23.017 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

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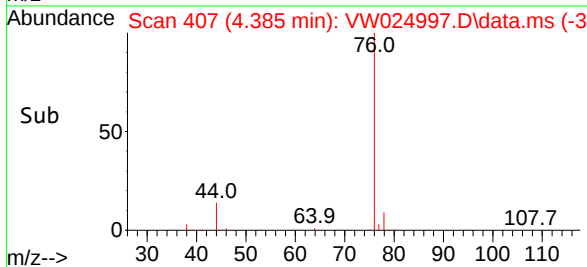
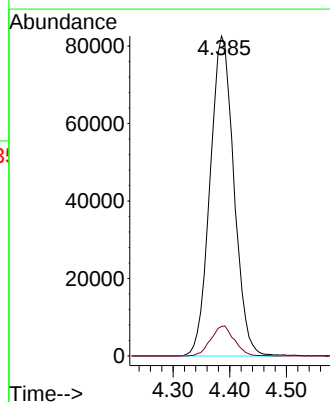
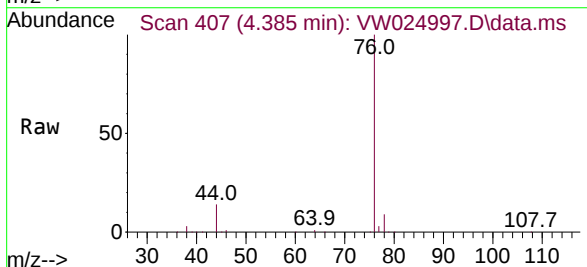
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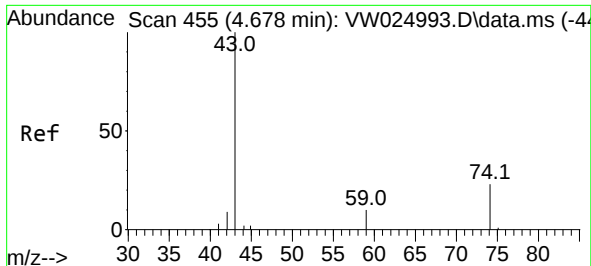
Tgt Ion: 76 Resp: 241705

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

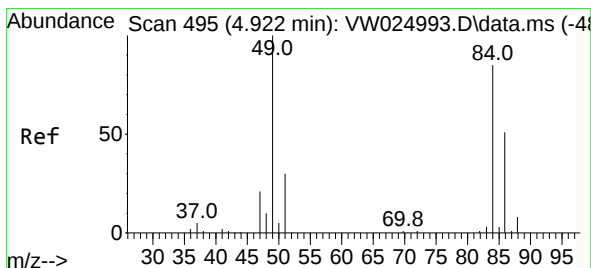
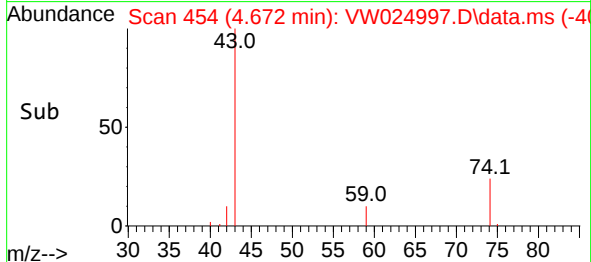
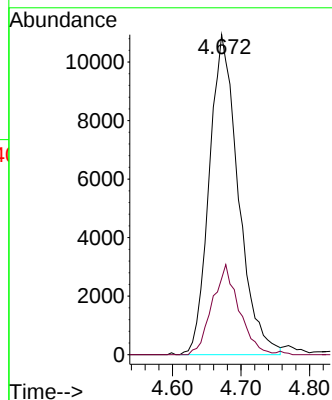
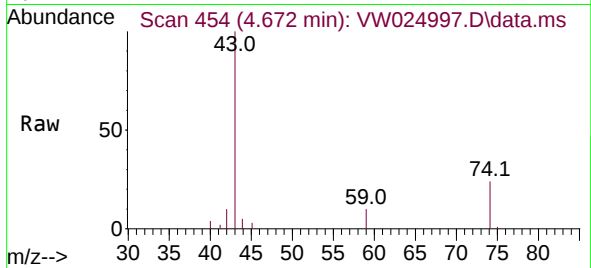




#15
Methyl Acetate
Concen: 20.780 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

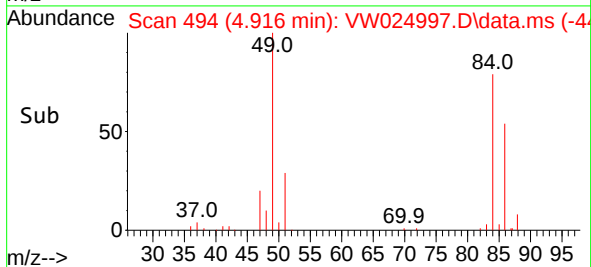
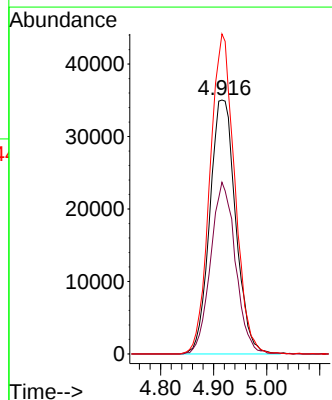
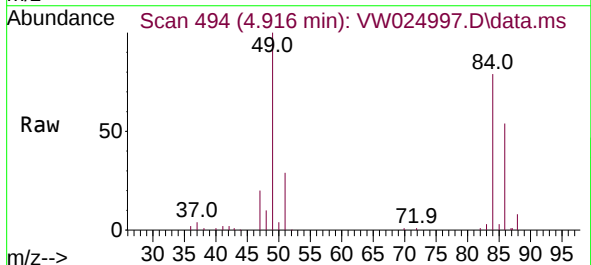
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

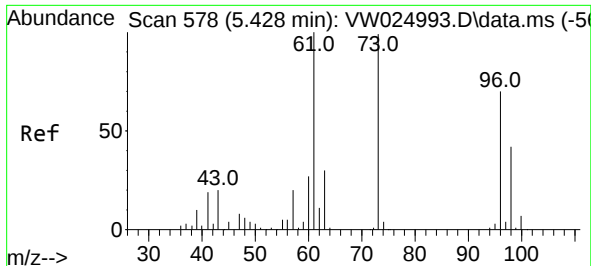
Tgt Ion: 43 Resp: 32266
Ion Ratio Lower Upper
43 100
74 25.9 20.6 30.8



#16
Methylene chloride
Concen: 23.040 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion: 84 Resp: 118551
Ion Ratio Lower Upper
84 100
86 67.6 42.6 79.0
49 126.0 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 24.439 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

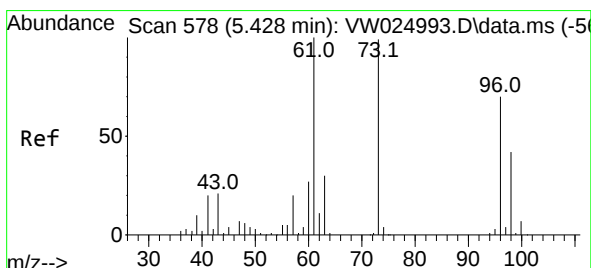
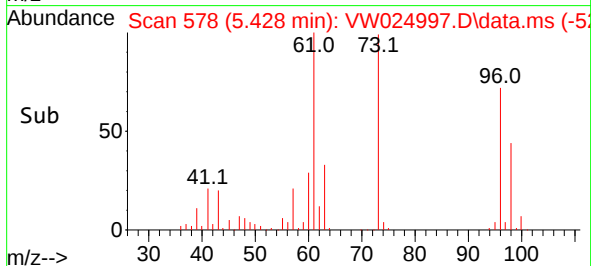
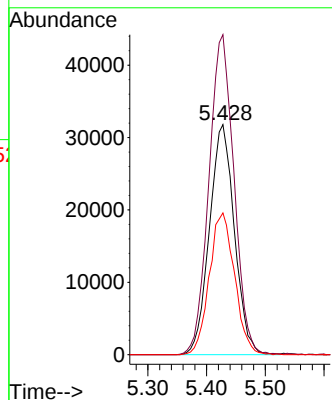
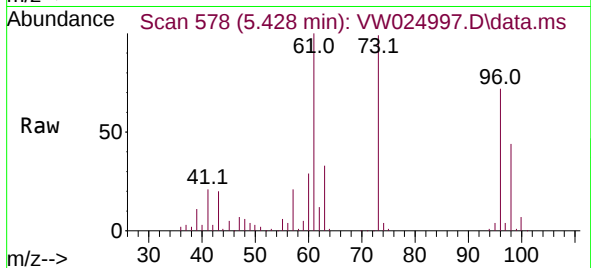
Tgt Ion: 96 Resp: 94074

Ion Ratio Lower Upper

96 100

61 139.0 97.6 181.2

98 61.6 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 23.780 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

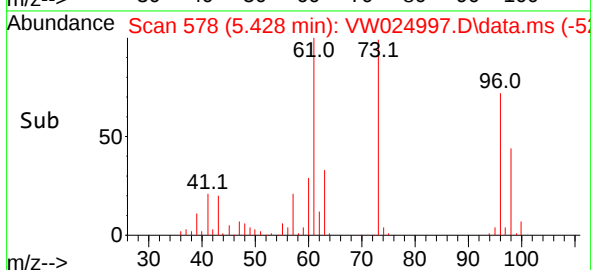
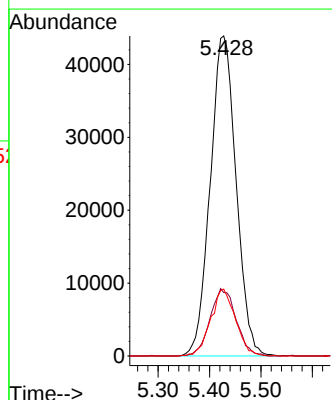
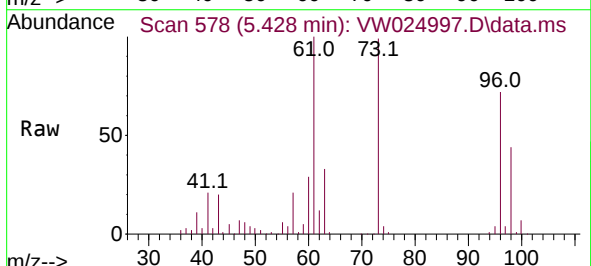
Tgt Ion: 73 Resp: 153554

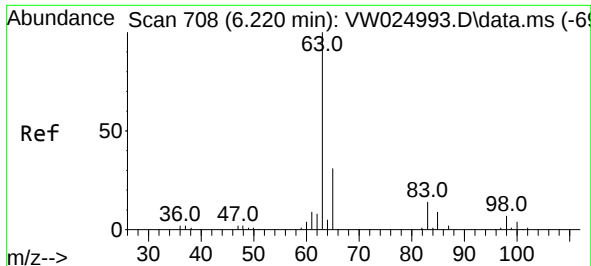
Ion Ratio Lower Upper

73 100

43 21.1 16.6 24.8

57 20.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 24.236 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

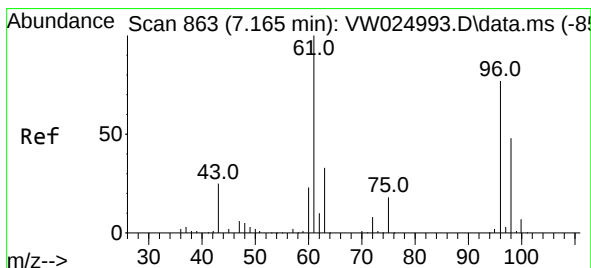
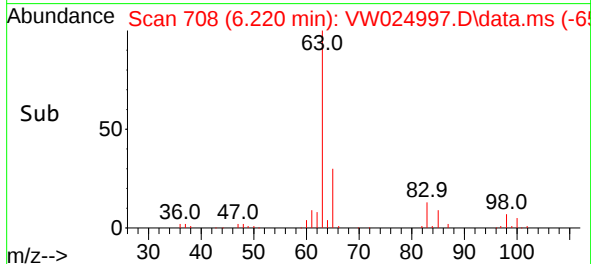
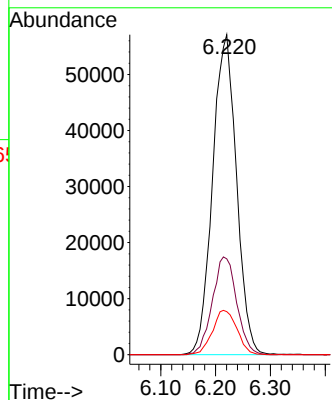
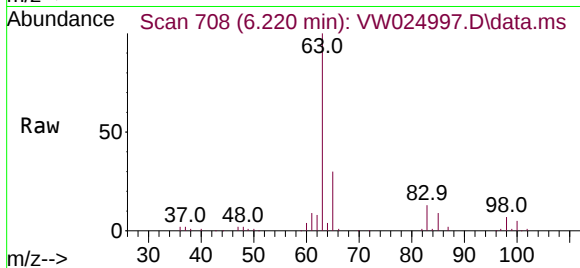
Tgt Ion: 63 Resp: 172722

Ion Ratio Lower Upper

63 100

65 30.0 22.2 41.2

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.366 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

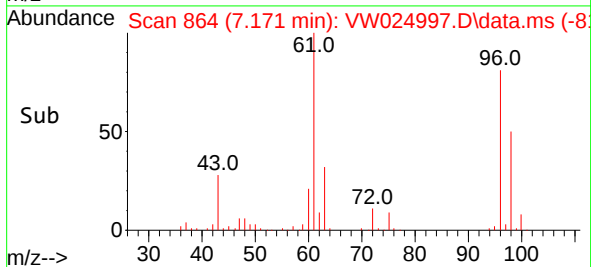
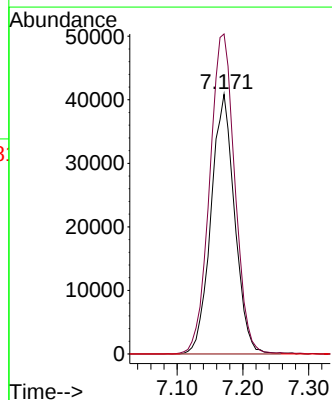
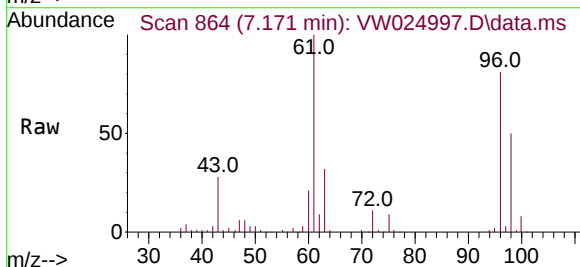
Tgt Ion: 96 Resp: 102230

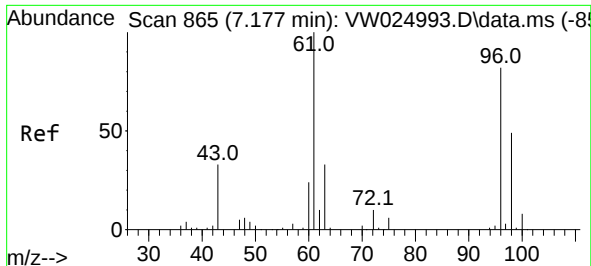
Ion Ratio Lower Upper

96 100

61 123.2 91.8 170.6

68 0.0 0.0 0.0

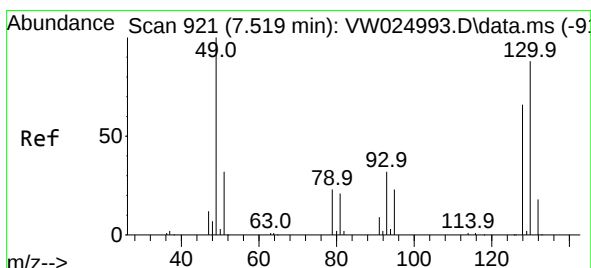
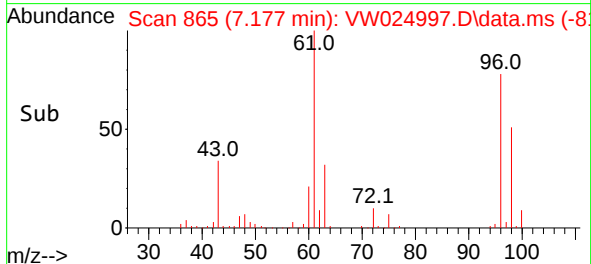
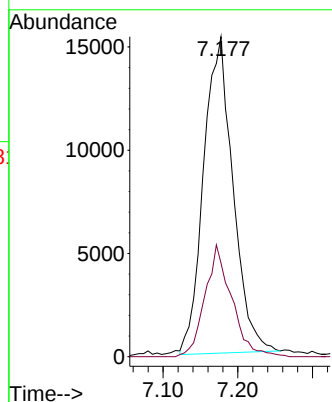
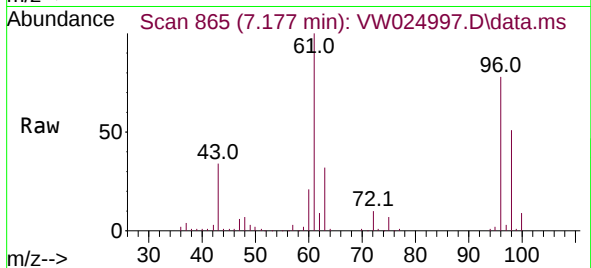




#22
2-Butanone
Concen: 35.908 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

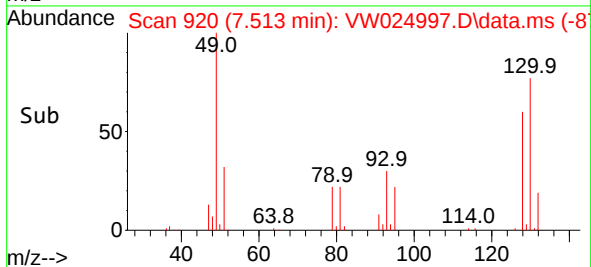
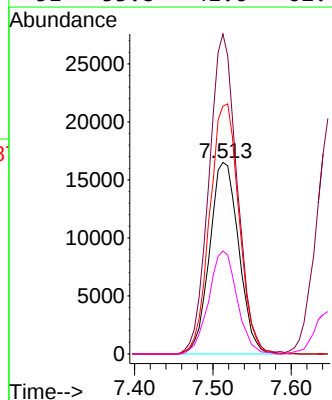
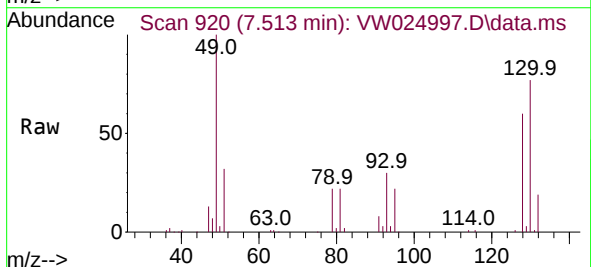
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

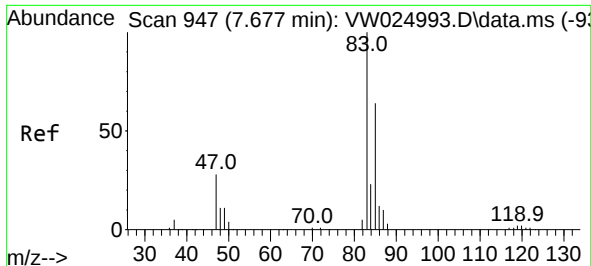
Tgt Ion: 43 Resp: 41958
Ion Ratio Lower Upper
43 100
72 32.0 14.6 44.0



#23
Bromochloromethane
Concen: 23.398 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion: 128 Resp: 42557
Ion Ratio Lower Upper
128 100
49 167.1 112.8 209.4
130 129.5 86.2 160.2
51 53.8 41.6 62.4

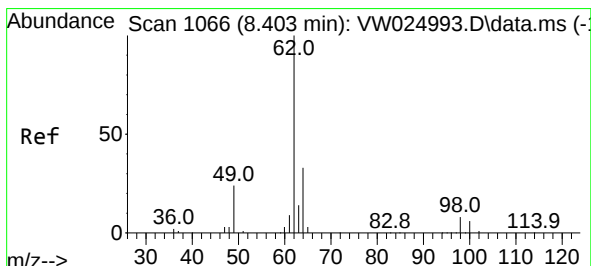
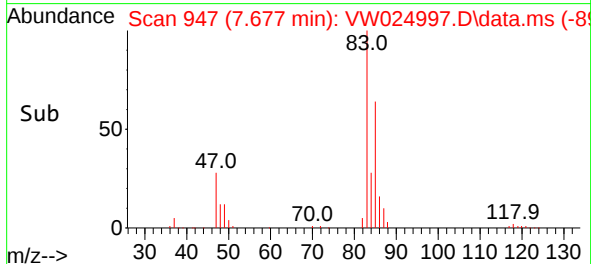
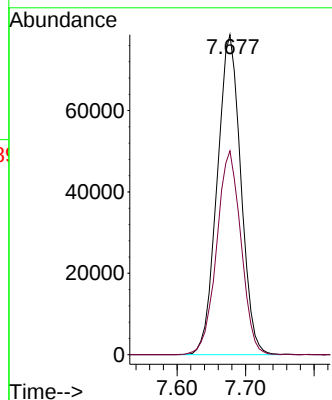
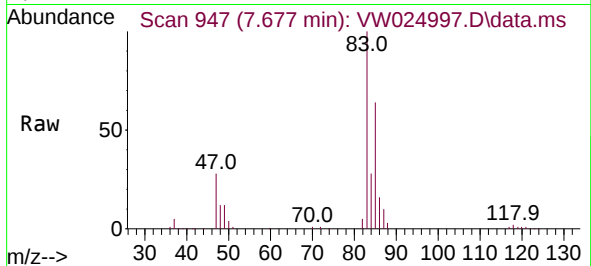




#25
Chloroform
Concen: 25.038 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

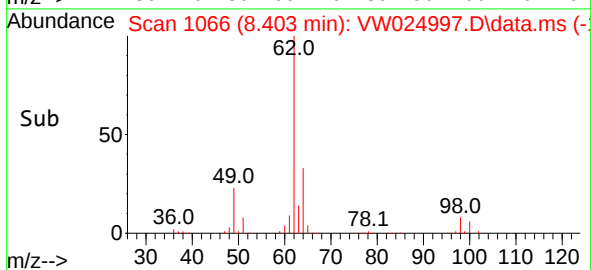
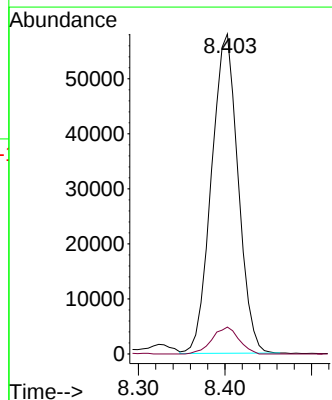
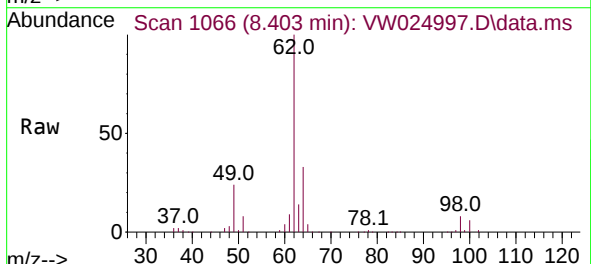
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

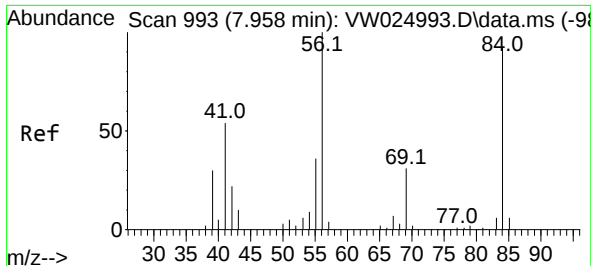
Tgt Ion: 83 Resp: 188325
Ion Ratio Lower Upper
83 100
85 63.7 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.295 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion: 62 Resp: 123951
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.4

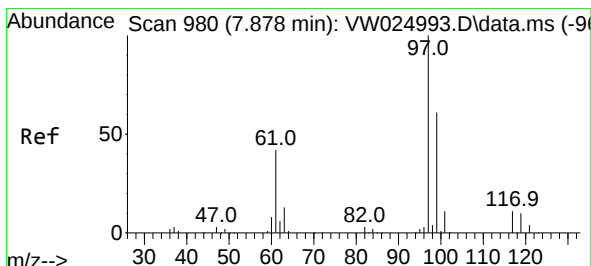
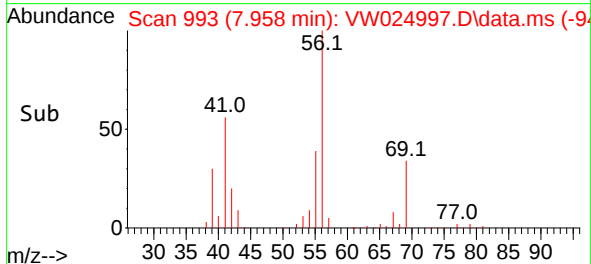
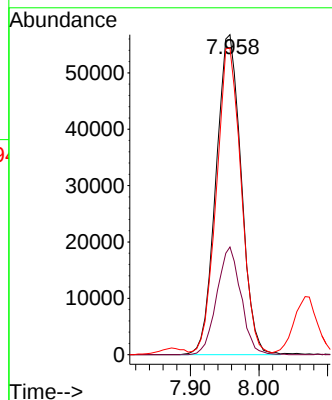
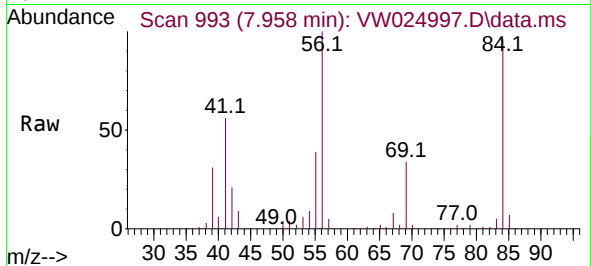




#29
Cyclohexane
Concen: 22.835 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

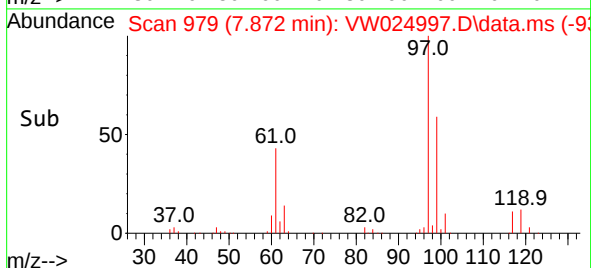
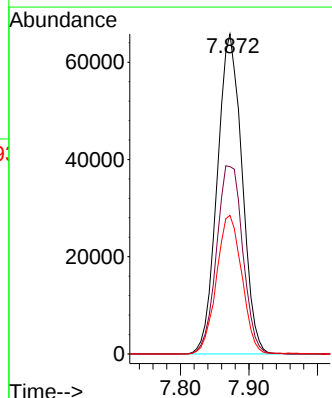
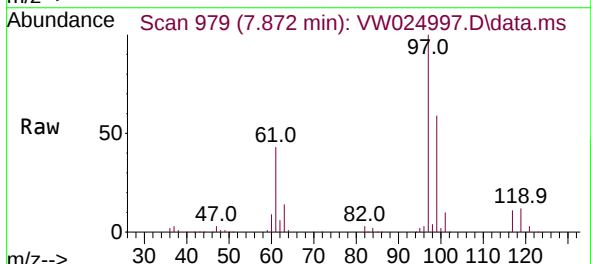
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

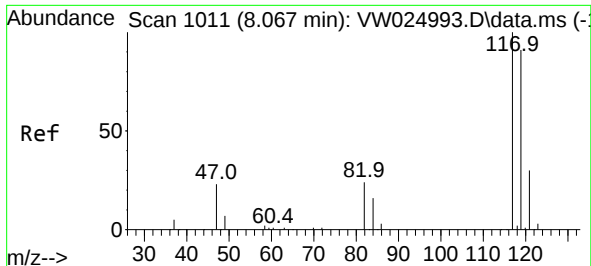
Tgt Ion: 56 Resp: 145023
Ion Ratio Lower Upper
56 100
69 32.1 25.0 37.4
84 94.2 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 25.101 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion: 97 Resp: 165219
Ion Ratio Lower Upper
97 100
99 62.2 51.8 77.8
61 44.3 36.6 54.8

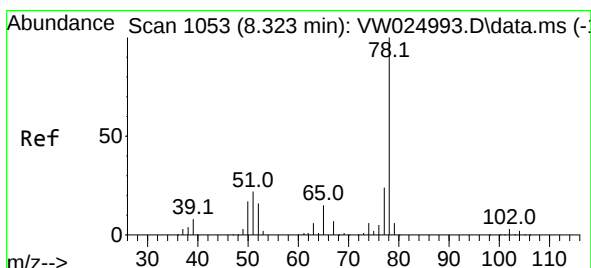
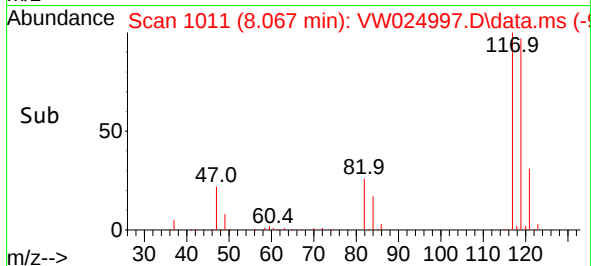
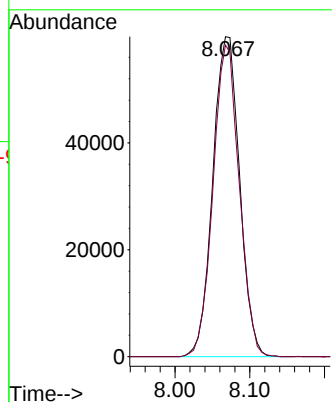
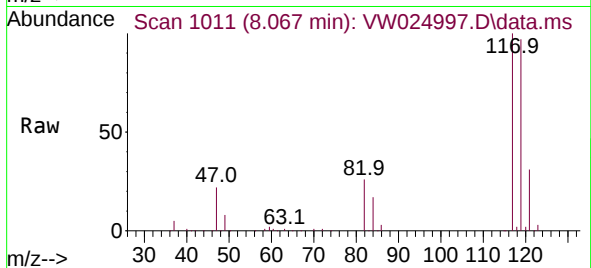




#31
Carbon tetrachloride
Concen: 25.339 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

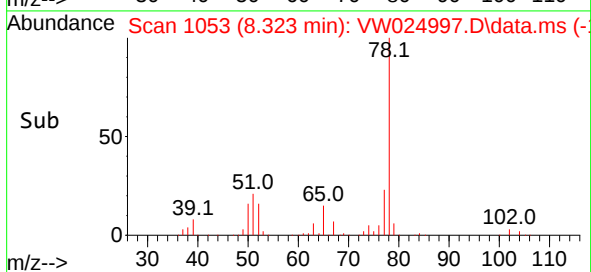
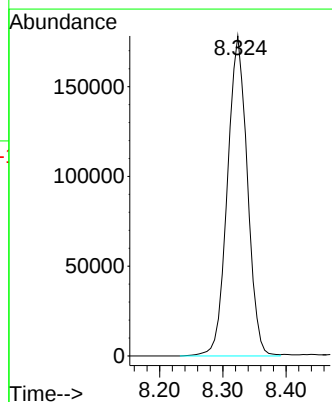
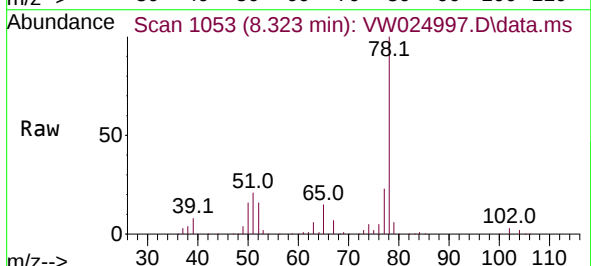
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

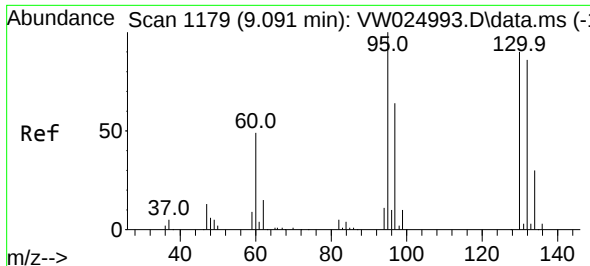
Tgt Ion:117 Resp: 149035
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5



#33
Benzene
Concen: 24.124 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion: 78 Resp: 390736





#34

Trichloroethene

Concen: 24.054 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

Tgt Ion: 95 Resp: 103138

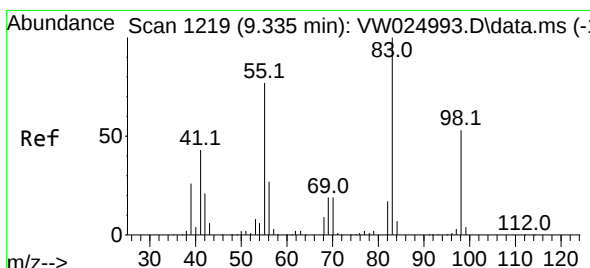
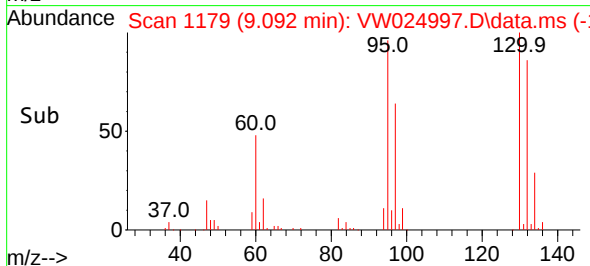
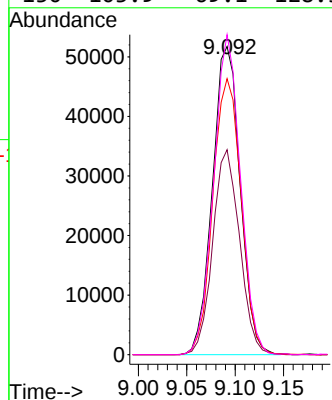
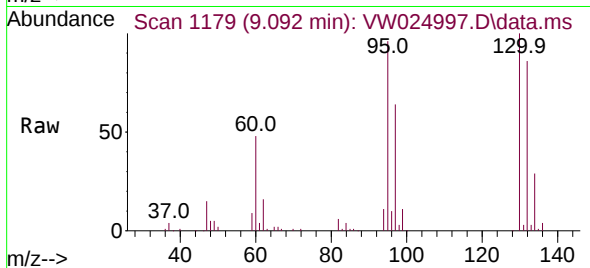
Ion Ratio Lower Upper

95 100

97 66.5 44.7 83.1

132 89.6 62.6 116.2

130 103.9 69.1 128.3



#35

Methylcyclohexane

Concen: 23.535 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

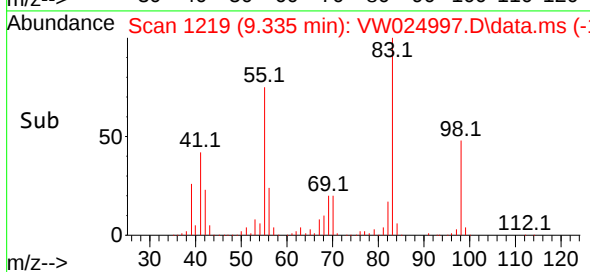
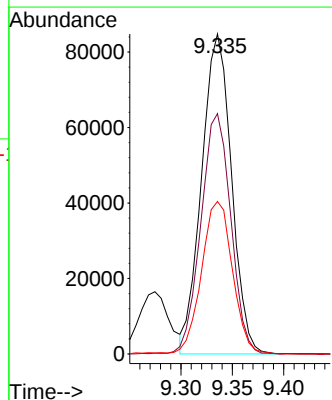
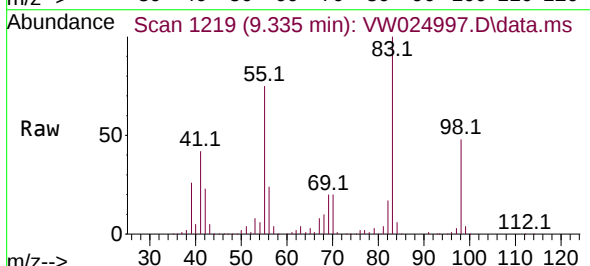
Tgt Ion: 83 Resp: 171466

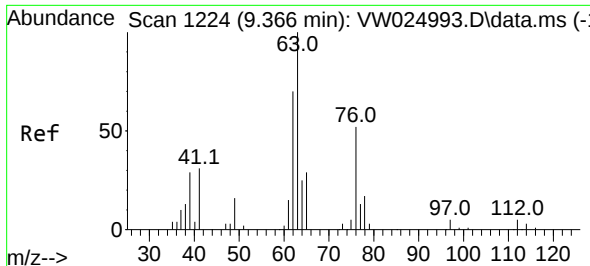
Ion Ratio Lower Upper

83 100

55 75.3 60.4 90.6

98 49.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 23.805 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

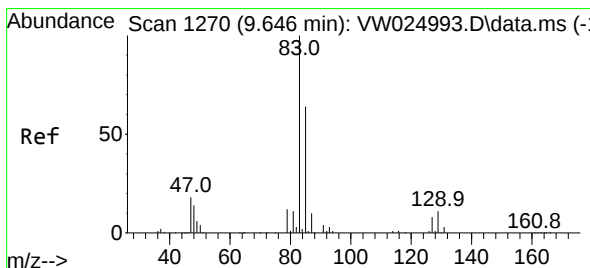
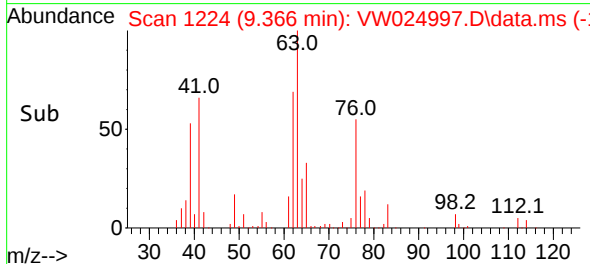
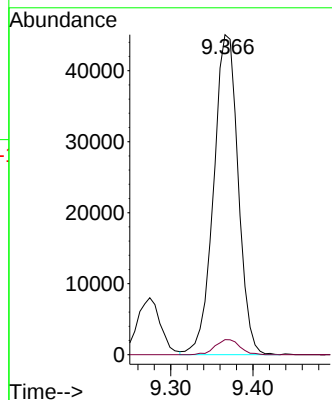
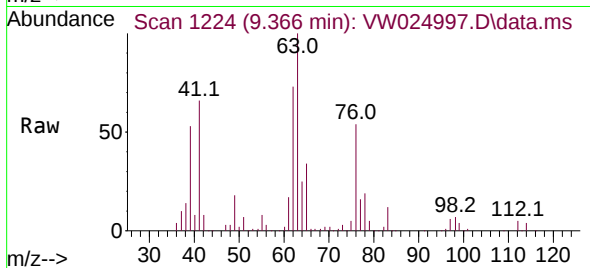
VSTD025482

Tgt Ion: 63 Resp: 93581

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 25.228 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

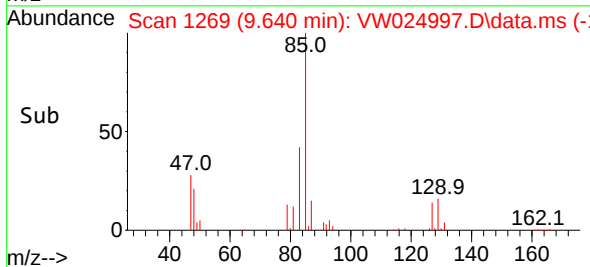
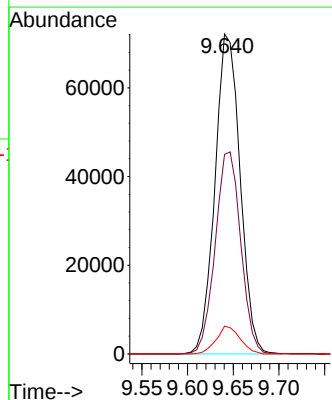
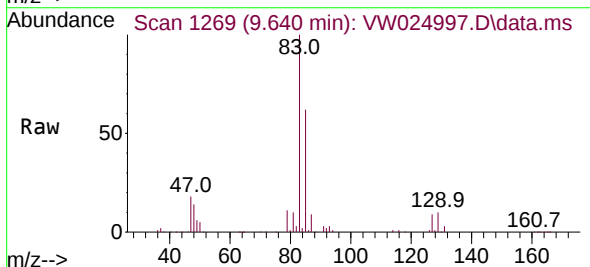
Tgt Ion: 83 Resp: 138417

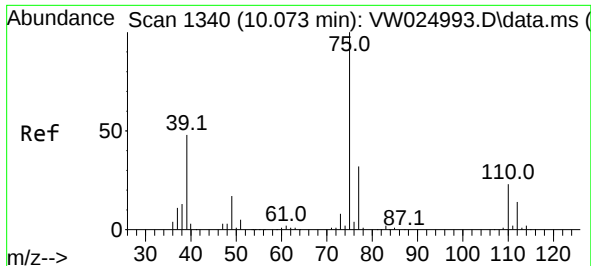
Ion Ratio Lower Upper

83 100

85 62.4 45.8 85.0

127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 24.767 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

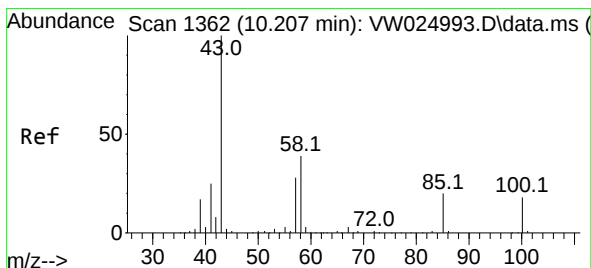
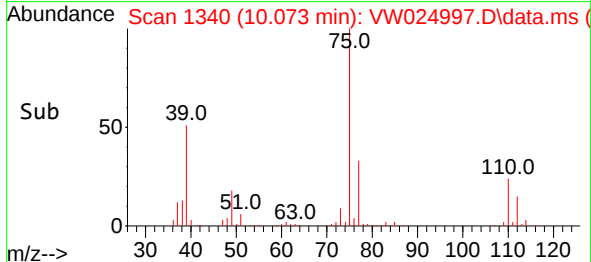
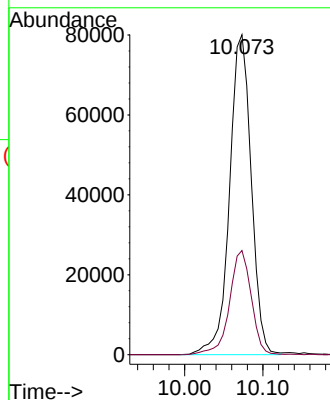
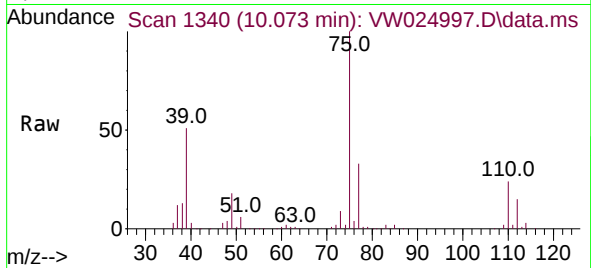
VSTD025482

Tgt Ion: 75 Resp: 153918

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 42.183 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

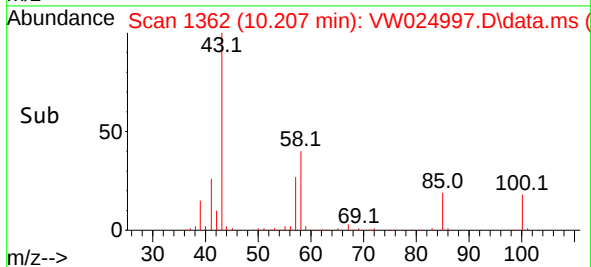
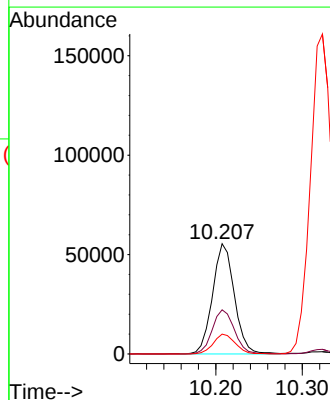
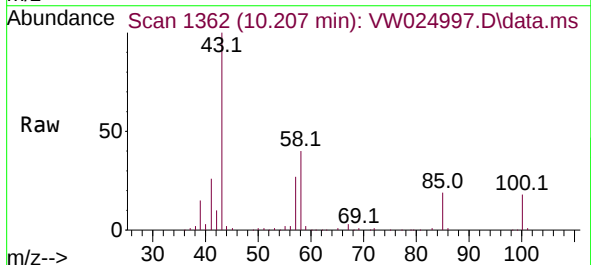
Tgt Ion: 43 Resp: 97313

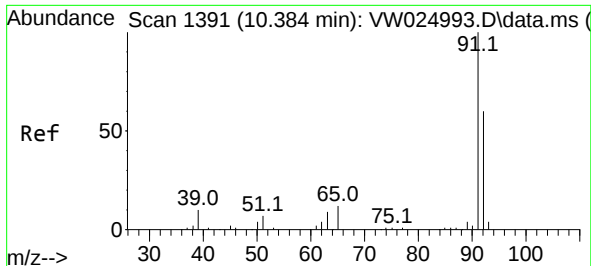
Ion Ratio Lower Upper

43 100

58 40.3 32.6 48.8

100 18.0 14.0 21.0

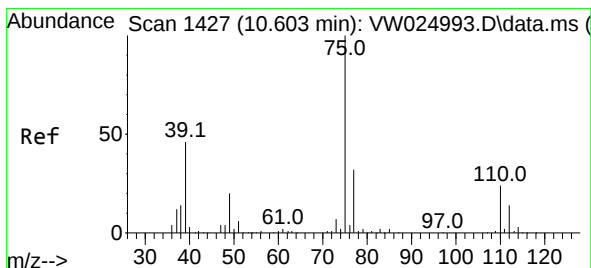
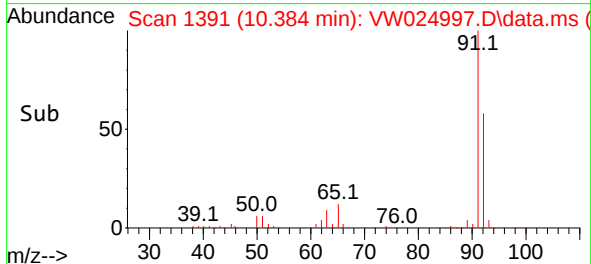
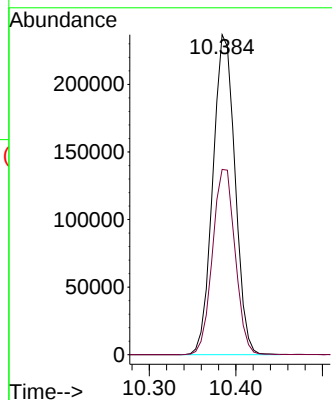
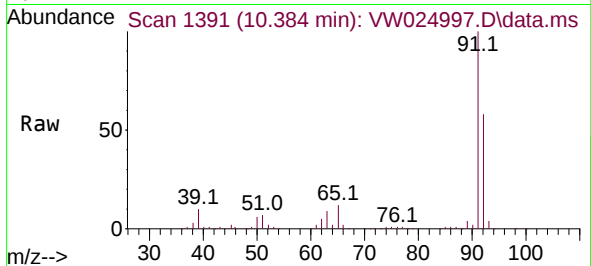




#42
Toluene
Concen: 24.511 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

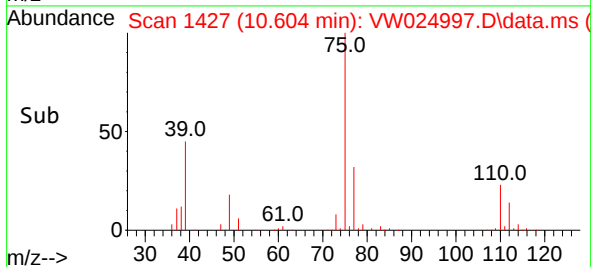
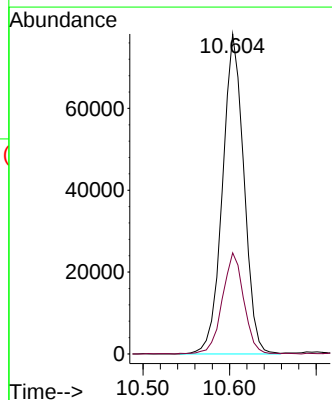
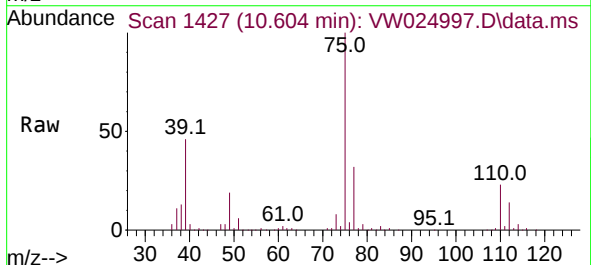
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

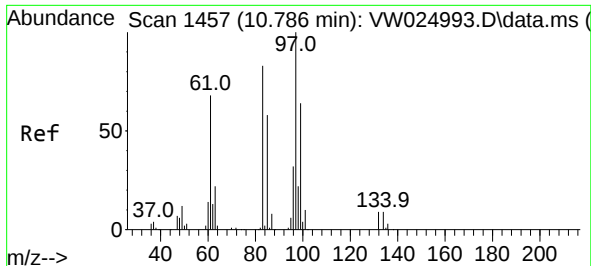
Tgt Ion: 91 Resp: 421488
Ion Ratio Lower Upper
91 100
92 57.9 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 24.295 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion: 75 Resp: 134229
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.5

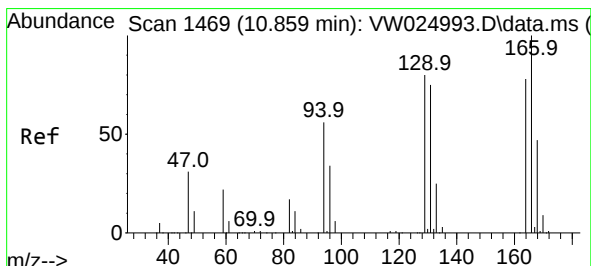
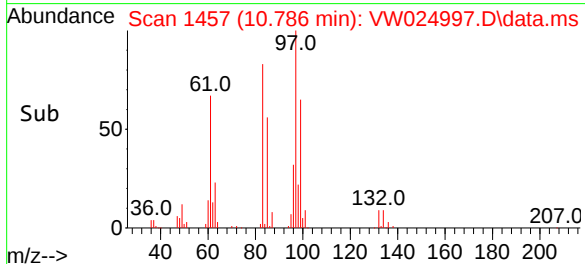
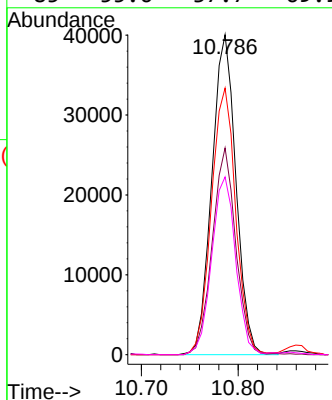
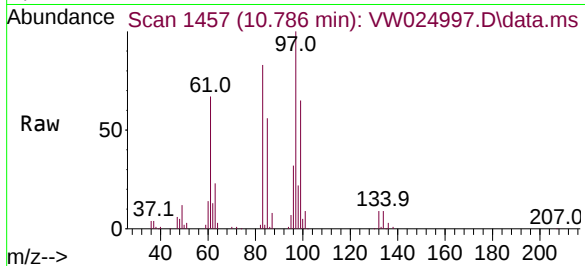




#45
1,1,2-Trichloroethane
Concen: 23.369 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

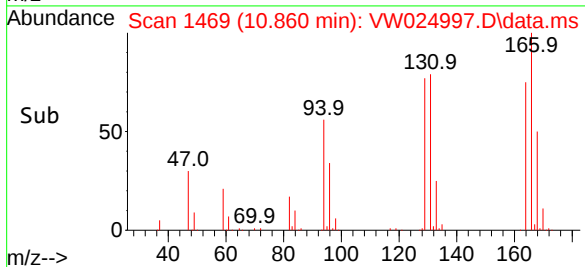
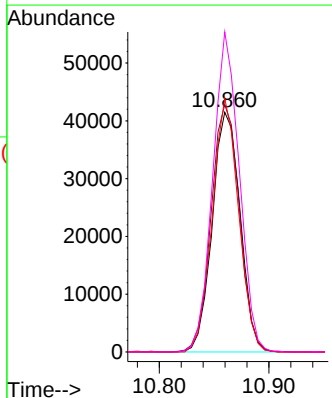
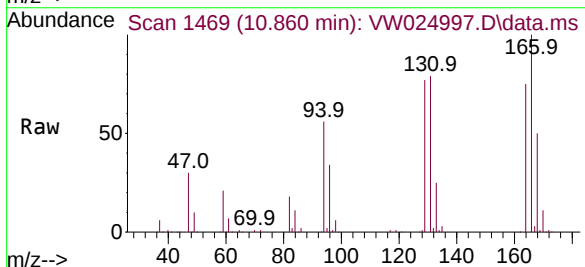
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

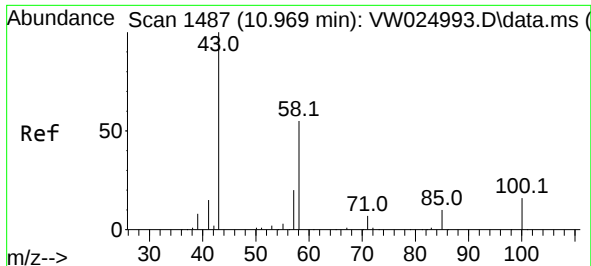
Tgt Ion: 97	Resp: 69364
Ion Ratio	Lower Upper
97 100	
99 64.6	44.0 81.6
83 83.3	59.9 111.3
85 55.6	37.7 69.9



#46
Tetrachloroethene
Concen: 23.909 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt	Ion:164	Resp:	73314
Ion	Ratio	Lower	Upper
164	100		
129	103.2	72.9	135.5
131	105.7	70.1	130.3
166	133.5	80.2	148.9

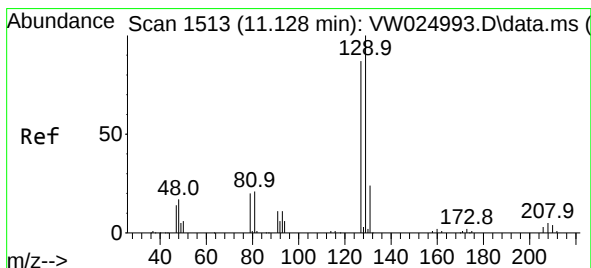
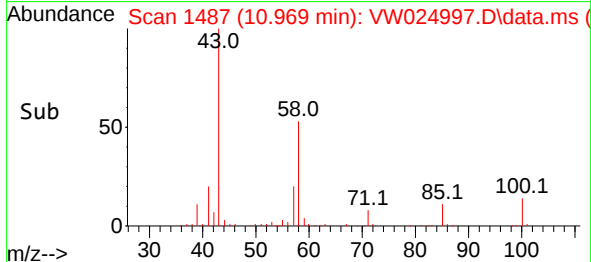
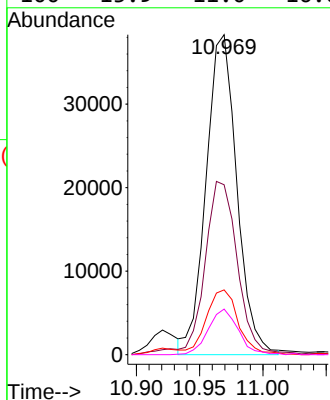
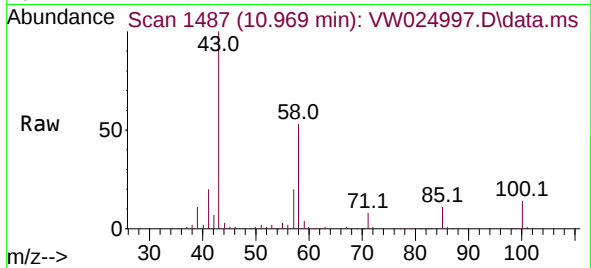




#48
2-Hexanone
Concen: 40.684 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

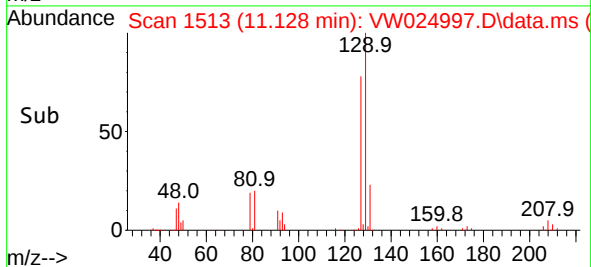
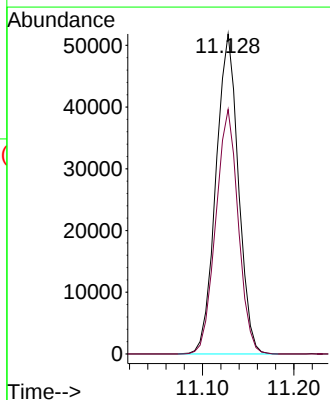
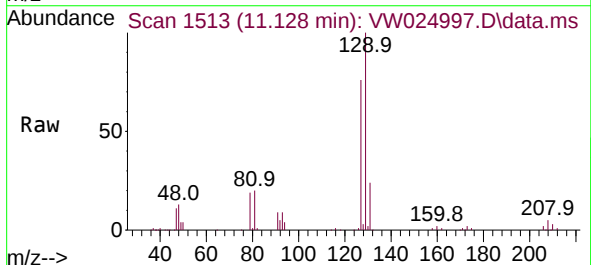
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

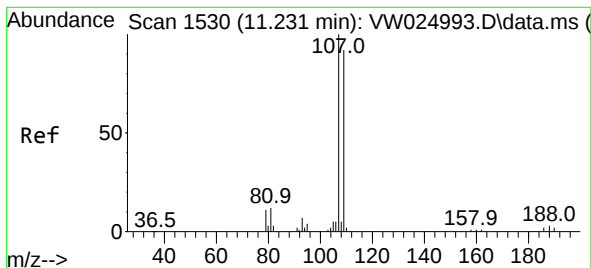
Tgt Ion:	43	Resp:	64908
Ion	Ratio	Lower	Upper
43	100		
58	56.3	46.1	69.1
57	20.9	16.2	24.2
100	13.9	11.0	16.6



#49
Dibromochloromethane
Concen: 24.489 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion:	129	Resp:	88605
Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.2	98.8

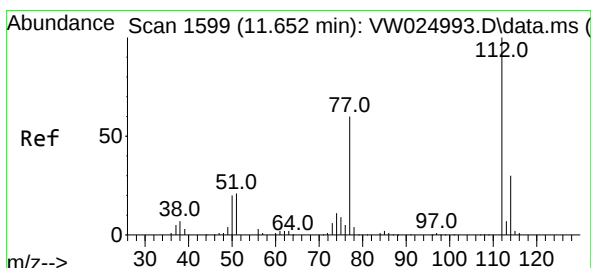
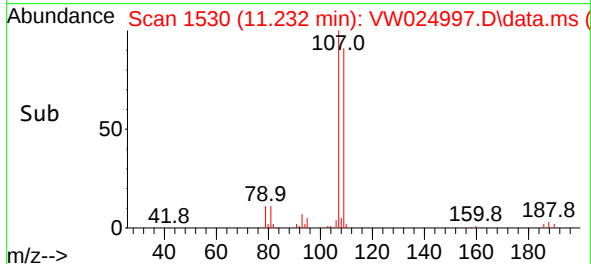
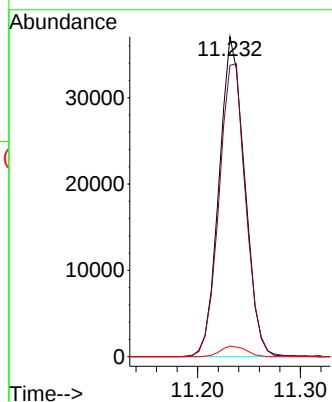
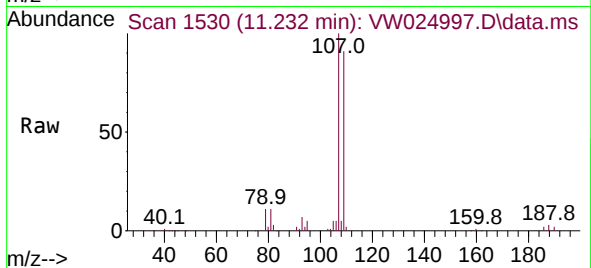




#50
1,2-Dibromoethane
Concen: 22.831 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

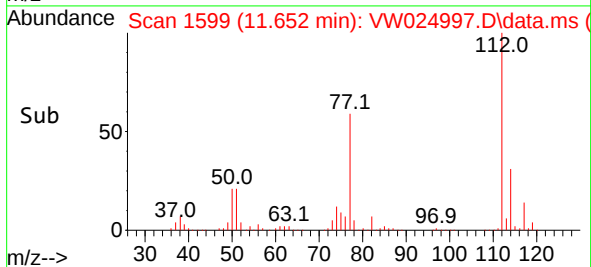
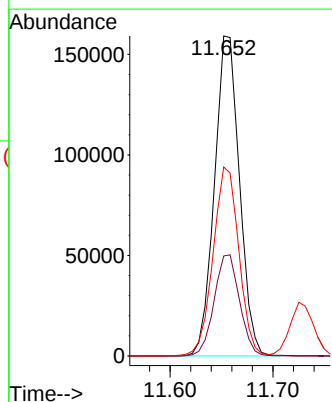
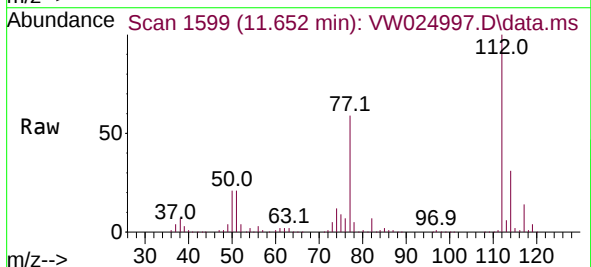
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

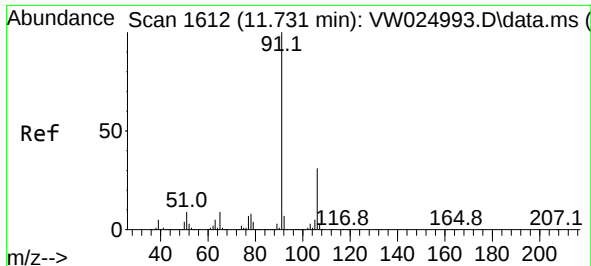
Tgt Ion:107 Resp: 64090
Ion Ratio Lower Upper
107 100
109 91.1 64.5 119.7
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 24.135 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion:112 Resp: 269007
Ion Ratio Lower Upper
112 100
114 31.2 20.8 38.6
77 59.1 48.2 72.2

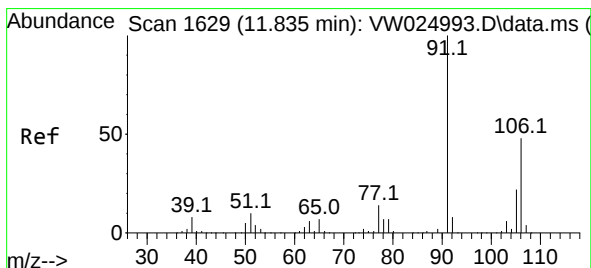
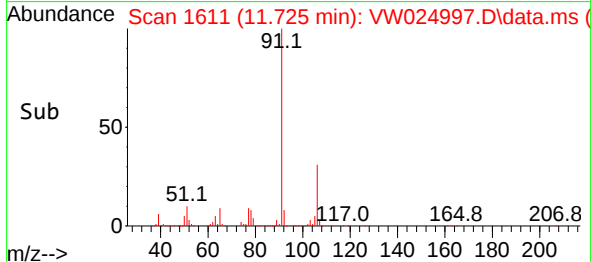
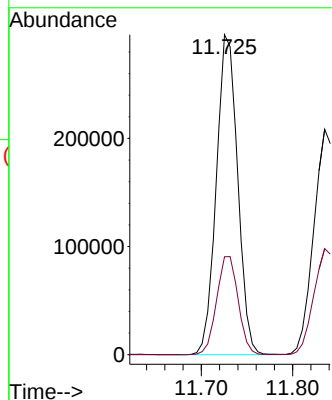
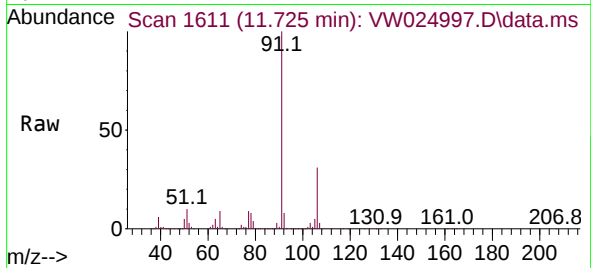




#52
Ethylbenzene
Concen: 24.193 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

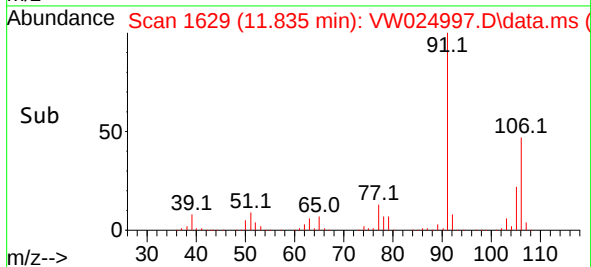
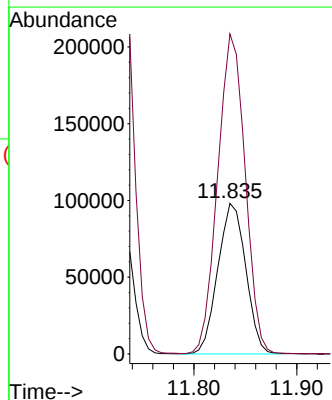
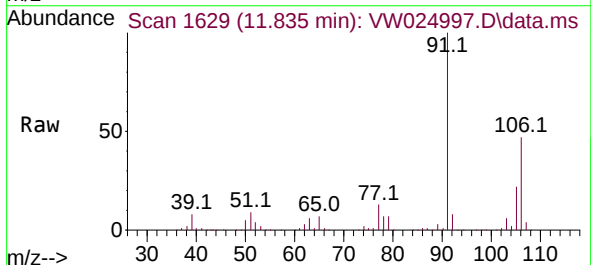
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

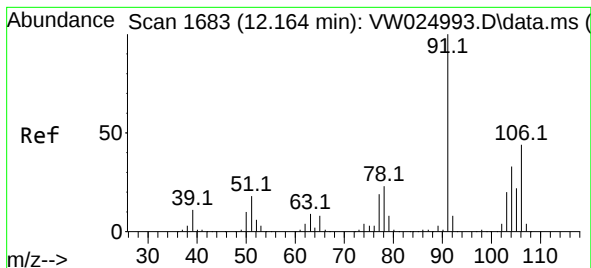
Tgt Ion: 91 Resp: 480204
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.5



#53
m,p-Xylene
Concen: 24.118 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion:106 Resp: 185303
Ion Ratio Lower Upper
106 100
91 212.5 143.9 267.2





#54

o-Xylene

Concen: 24.117 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

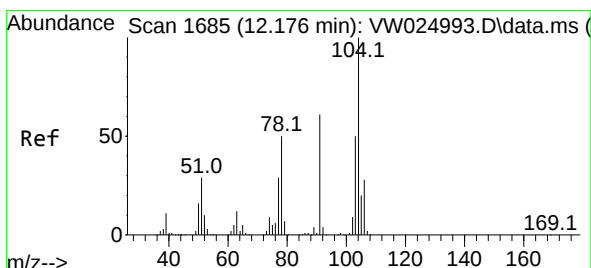
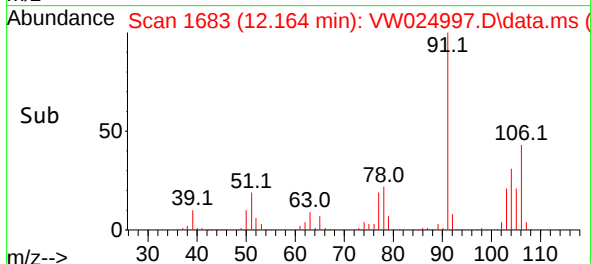
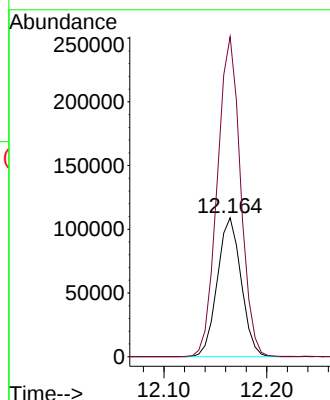
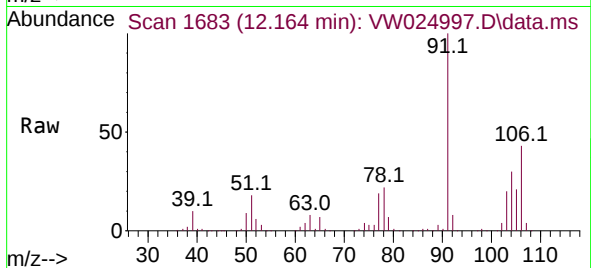
VSTD025482

Tgt Ion:106 Resp: 174811

Ion Ratio Lower Upper

106 100

91 230.4 153.5 285.1



#55

Styrene

Concen: 24.711 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024997.D

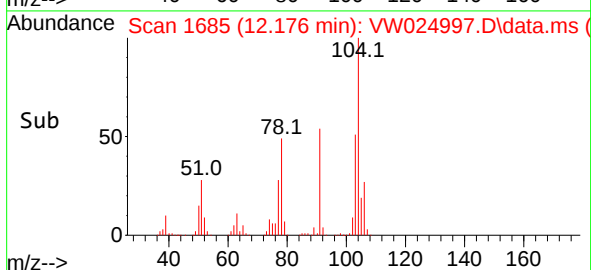
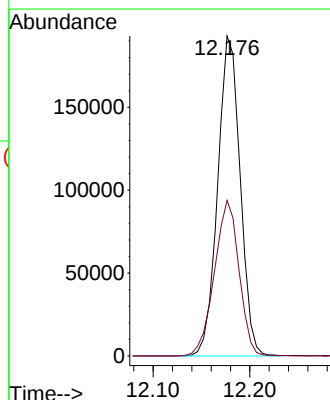
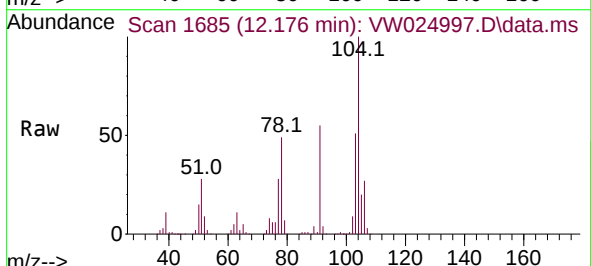
Acq: 27 Oct 2022 14:42

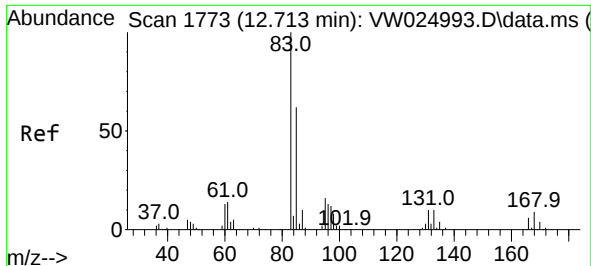
Tgt Ion:104 Resp: 311109

Ion Ratio Lower Upper

104 100

78 48.6 31.3 58.1





#57

1,1,2-Tetrachloroethane

Concen: 21.936 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

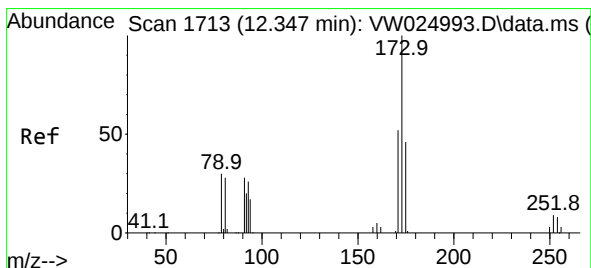
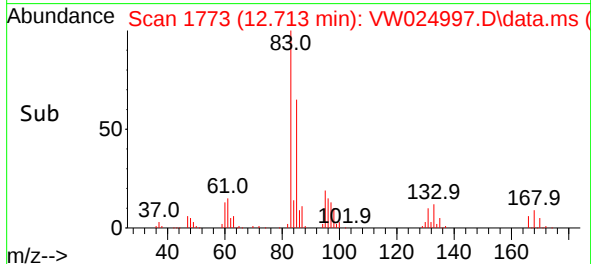
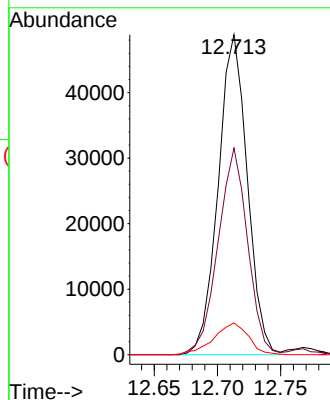
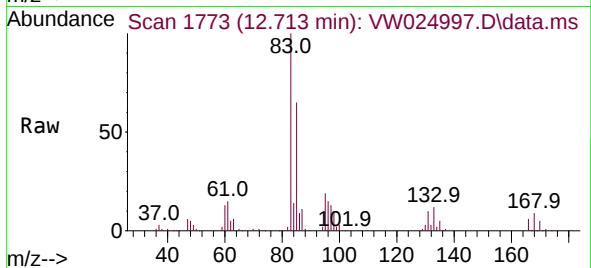
Tgt Ion: 83 Resp: 78107

Ion Ratio Lower Upper

83 100

85 64.6 46.4 86.2

131 9.9 8.2 12.4



#59

Bromoform

Concen: 23.496 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

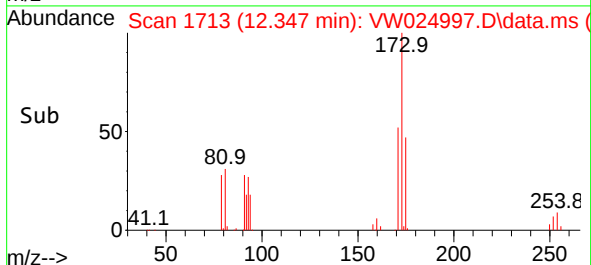
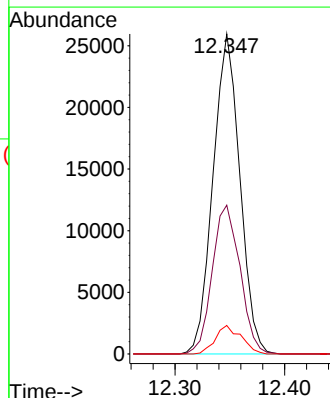
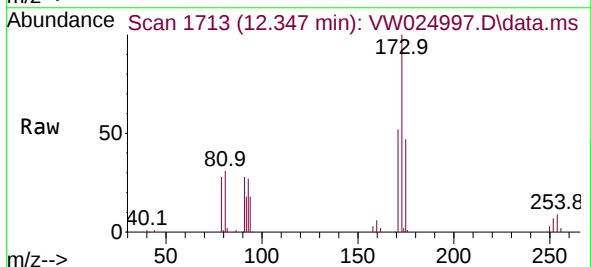
Tgt Ion: 173 Resp: 44132

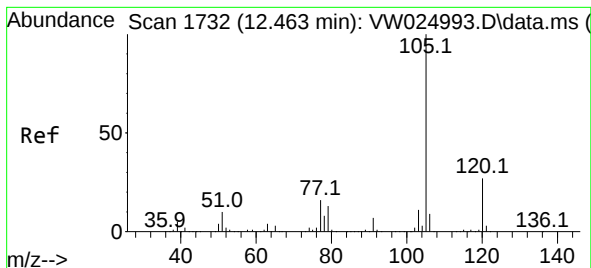
Ion Ratio Lower Upper

173 100

175 48.1 37.4 56.2

254 8.6 5.8 8.8

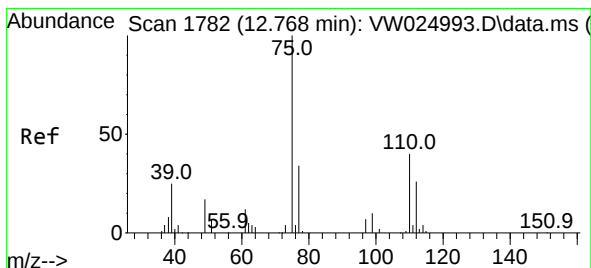
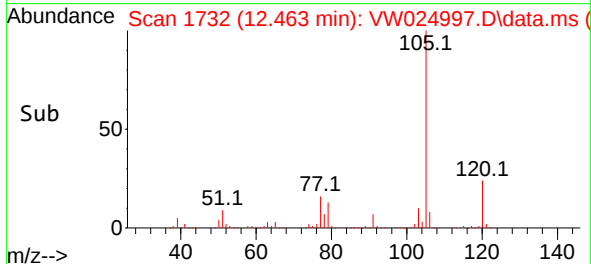
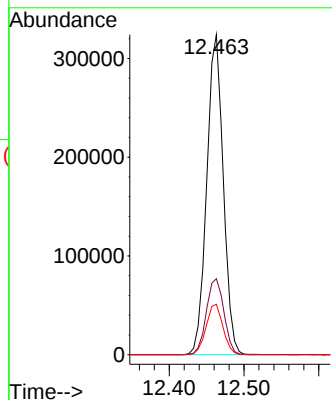
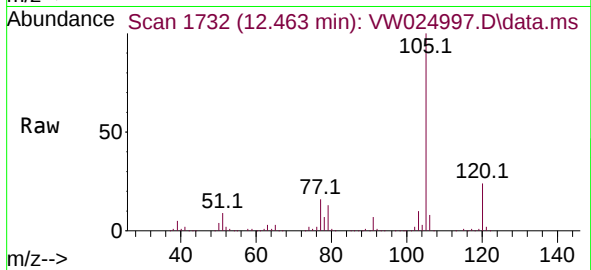




#60
Isopropylbenzene
Concen: 24.863 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

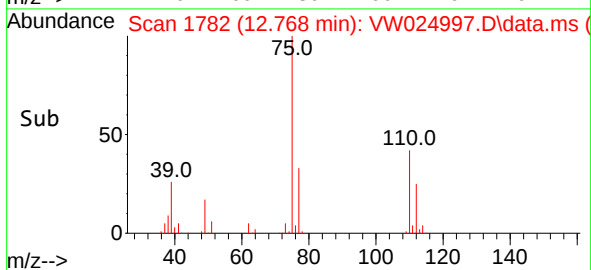
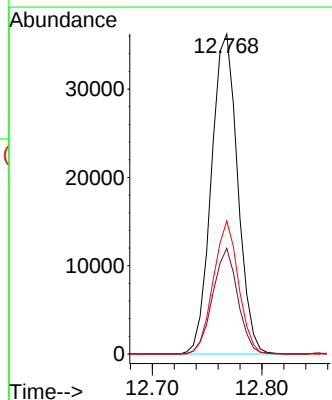
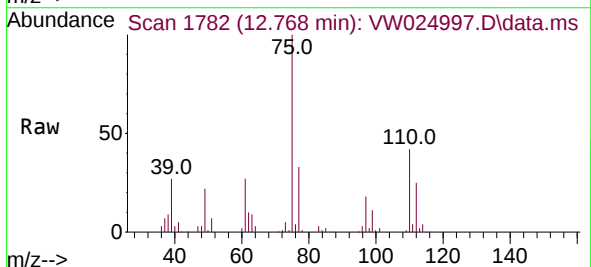
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

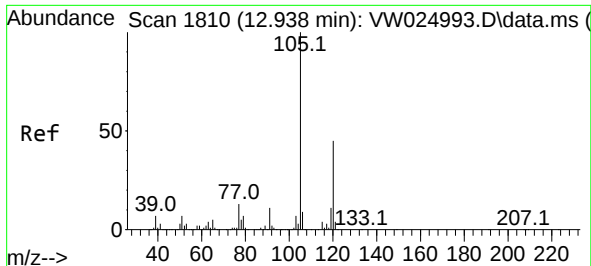
Tgt Ion:105 Resp: 496401
Ion Ratio Lower Upper
105 100
120 25.2 20.8 31.2
77 16.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 22.647 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion: 75 Resp: 60423
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 39.6 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 24.976 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

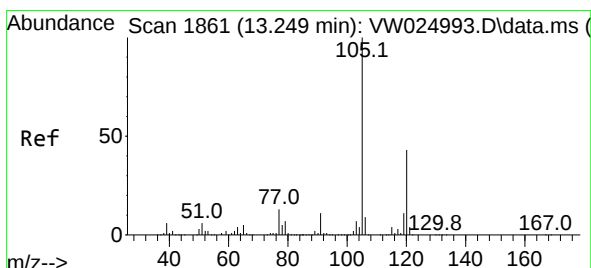
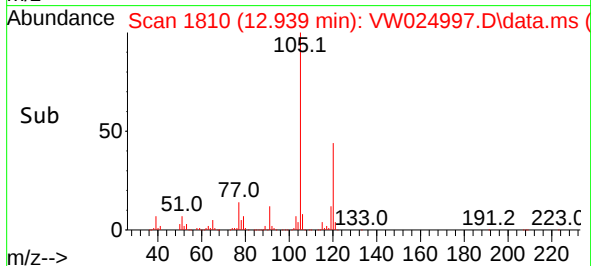
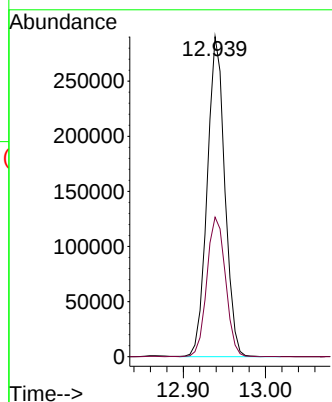
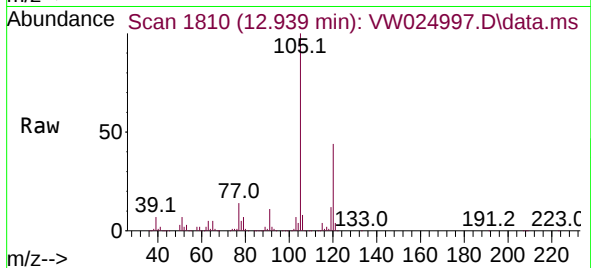
VSTD025482

Tgt Ion:105 Resp: 432873

Ion Ratio Lower Upper

105 100

120 46.1 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 24.752 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024997.D

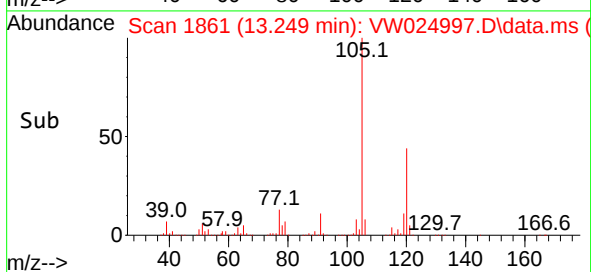
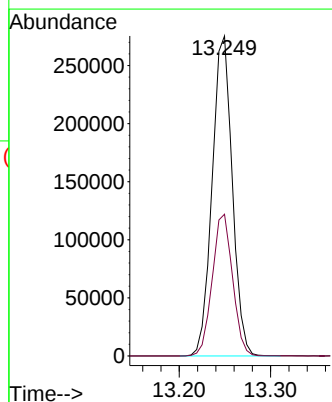
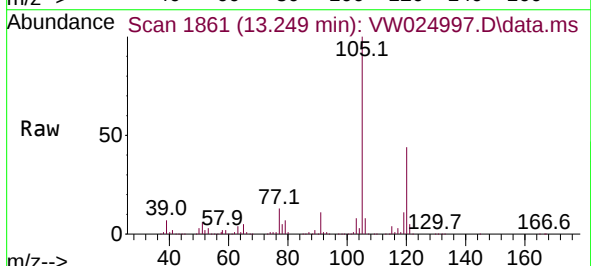
Acq: 27 Oct 2022 14:42

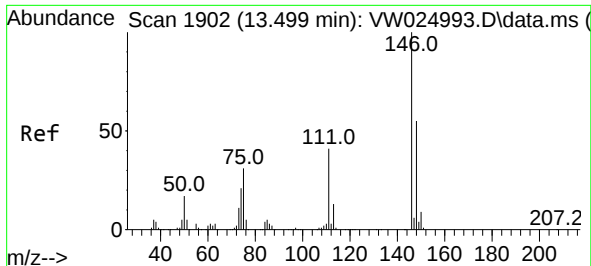
Tgt Ion:105 Resp: 420663

Ion Ratio Lower Upper

105 100

120 44.8 35.7 53.5

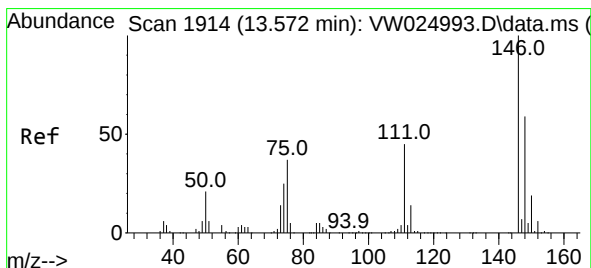
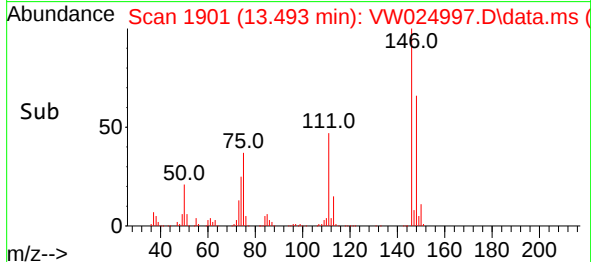
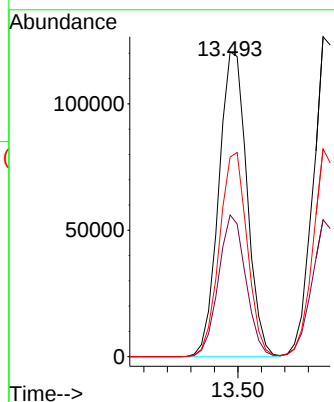
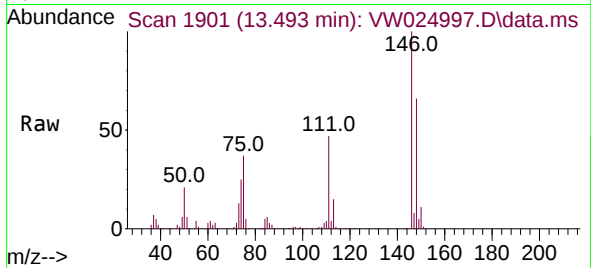




#64
1,3-Dichlorobenzene
Concen: 24.130 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

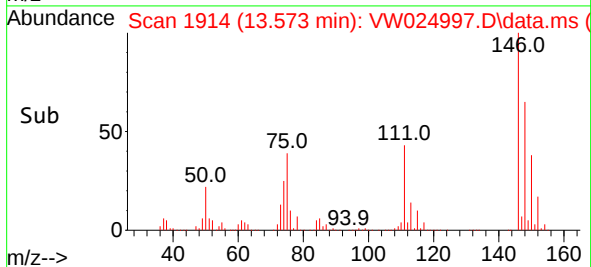
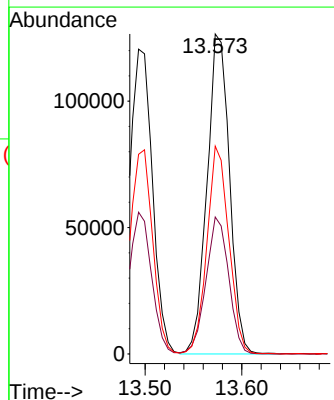
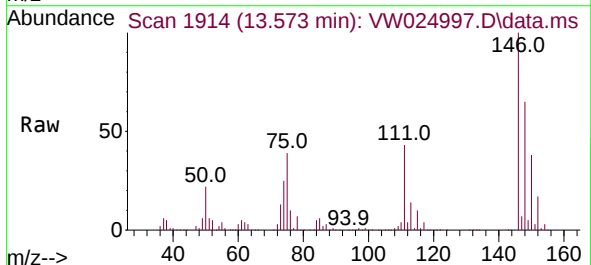
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

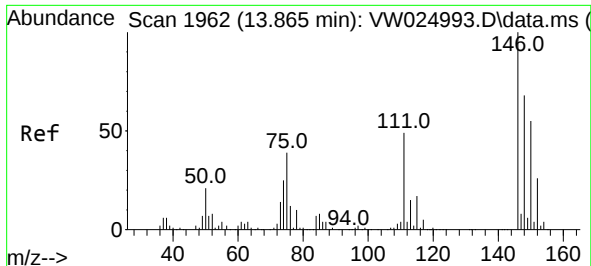
Tgt Ion:146 Resp: 200932
Ion Ratio Lower Upper
146 100
111 46.5 31.1 57.7
148 65.5 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 24.696 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024997.D
Acq: 27 Oct 2022 14:42

Tgt Ion:146 Resp: 205199
Ion Ratio Lower Upper
146 100
111 42.8 28.8 53.6
148 65.0 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.139 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

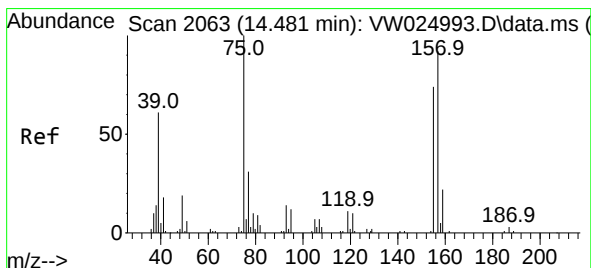
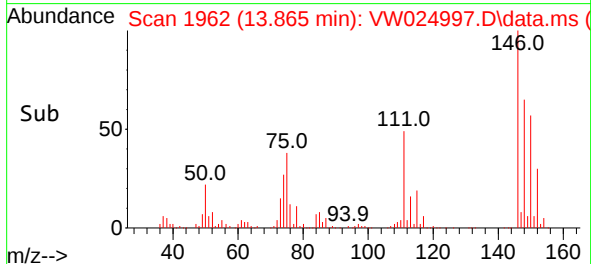
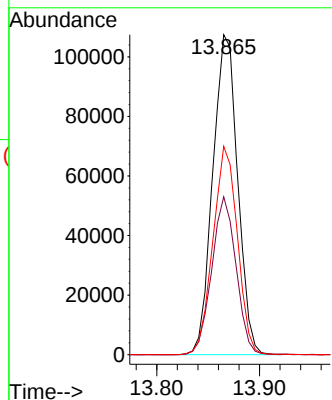
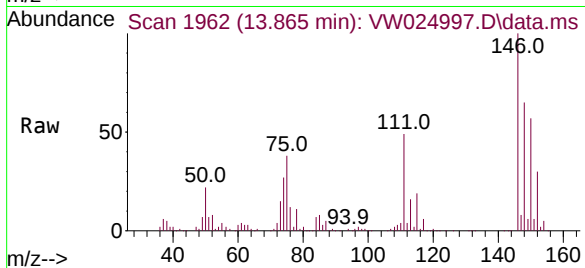
Tgt Ion:146 Resp: 180733

Ion Ratio Lower Upper

146 100

111 49.3 34.2 51.4

148 65.1 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 22.102 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

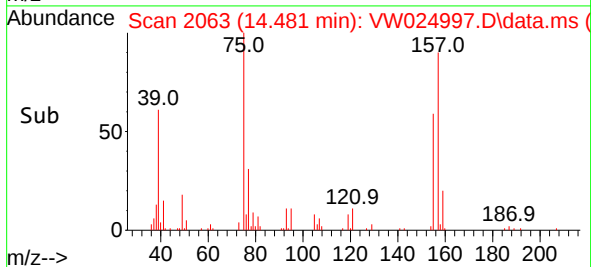
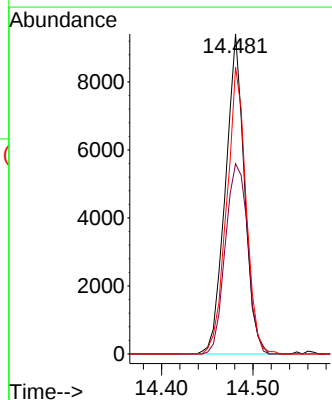
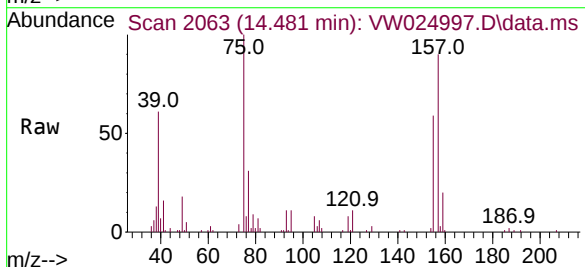
Tgt Ion: 75 Resp: 13627

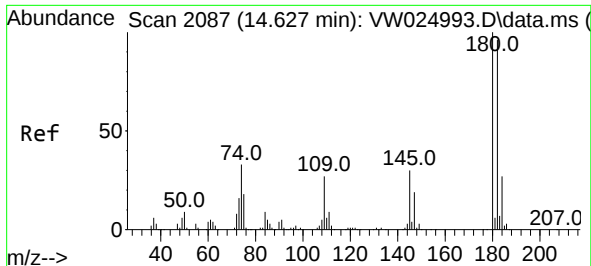
Ion Ratio Lower Upper

75 100

155 59.4 61.2 91.8#

157 89.7 72.4 108.6

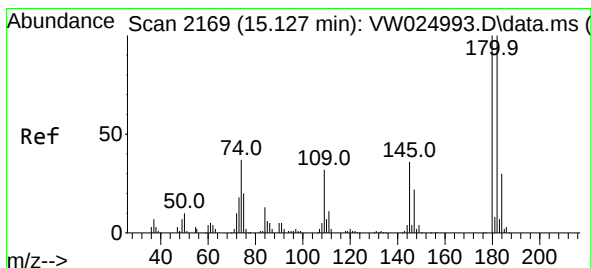
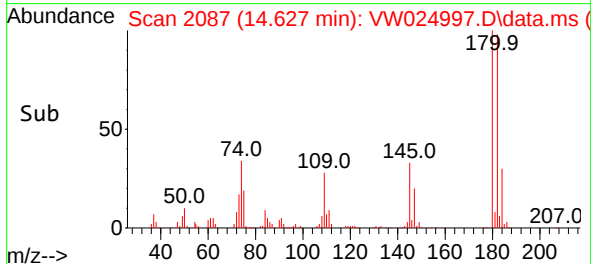
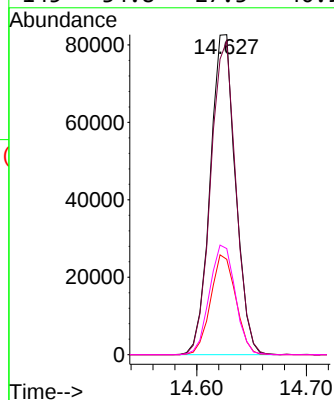
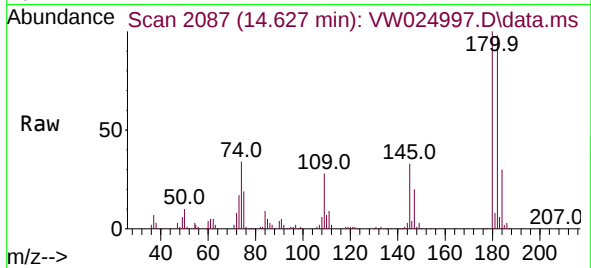




#69
 1,3,5-Trichlorobenzene
 Concen: 24.078 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW024997.D
 Acq: 27 Oct 2022 14:42

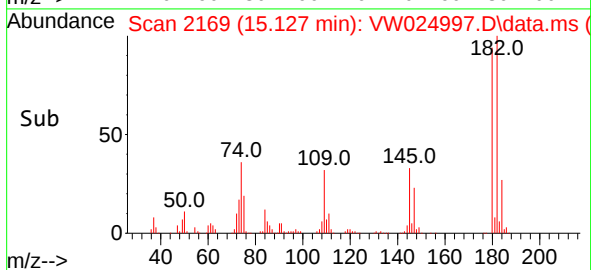
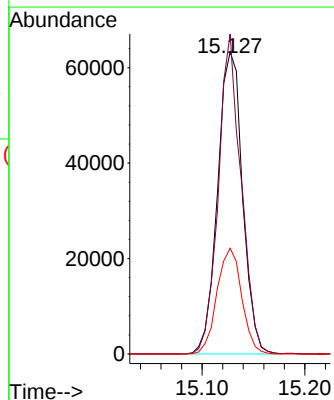
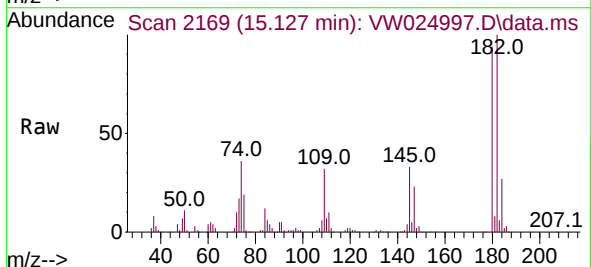
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

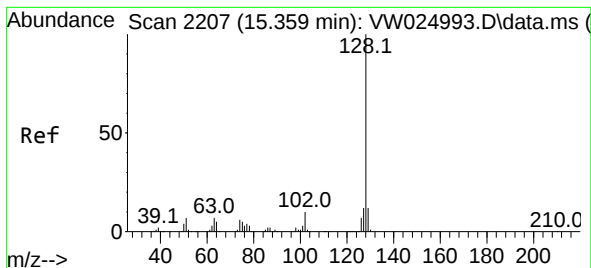
Tgt Ion:	180	Resp:	132800
Ion Ratio	Lower	Upper	
180	100		
182	97.1	75.7	113.5
184	31.1	23.4	35.2
145	34.8	27.3	40.9



#70
 1,2,4-trichlorobenzene
 Concen: 24.849 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024997.D
 Acq: 27 Oct 2022 14:42

Tgt Ion:	180	Resp:	106522
Ion Ratio	Lower	Upper	
180	100		
182	96.4	74.9	112.3
145	34.7	27.0	40.4





#71

Naphthalene

Concen: 23.284 ug/L

RT: 15.359 min Scan# 210563

Delta R.T. 0.000 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

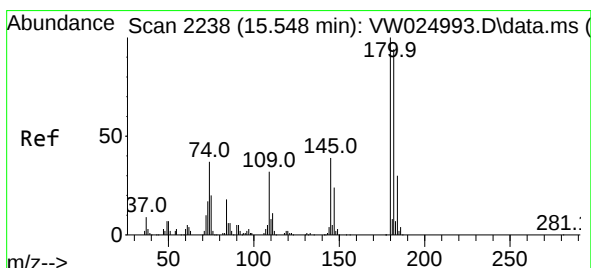
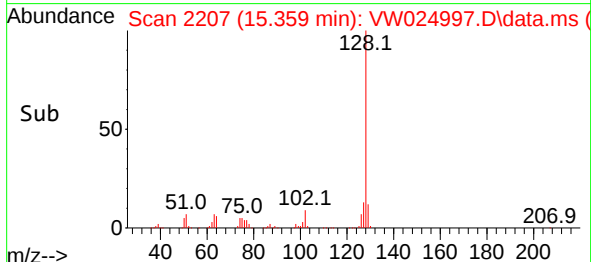
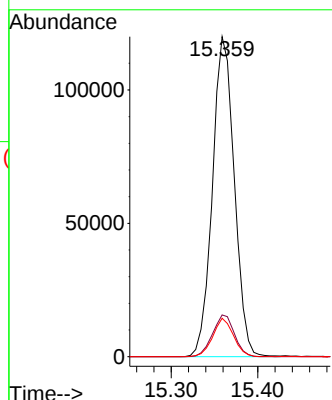
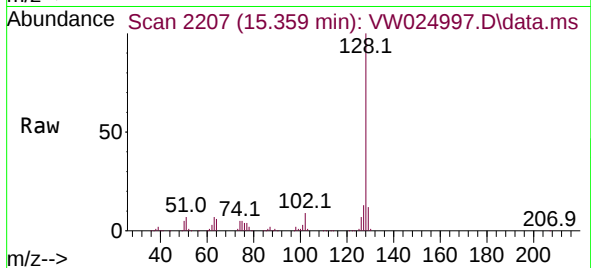
Tgt Ion:128 Resp: 210563

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.3 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.439 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024997.D

Acq: 27 Oct 2022 14:42

Tgt Ion:180 Resp: 91285

Ion Ratio Lower Upper

180 100

182 93.1 74.1 111.1

145 35.5 28.2 42.2

