

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
 Data File : VW024838.D
 Acq On : 11 Oct 2022 05:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

Quant Time: Oct 11 06:38:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	462947	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	434910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210586	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129033	26.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.560%
7) Chloroethane-d5	2.885	69	71885	25.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.160%
11) 1,1-Dichloroethene-d2	4.025	63	271657	24.232	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.920%
21) 2-Butanone-d5	7.074	46	85623	49.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.340%
24) Chloroform-d	7.647	84	325975	26.339	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.360%
26) 1,2-Dichloroethane-d4	8.305	65	165787	25.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.280%
32) Benzene-d6	8.275	84	670160	24.108	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.440%
36) 1,2-Dichloropropane-d6	9.274	67	206165	24.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	10.323	98	611765	24.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.480%
43) trans-1,3-Dichloroprop...	10.573	79	77455	20.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.920%
47) 2-Hexanone-d5	10.921	63	69006	47.487	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	153165	25.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	189384	25.557	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	40215	14.149	ug/L	97
3) Chloromethane	2.221	50	106517	19.245	ug/L	99
5) Vinyl chloride	2.361	62	149649	26.296	ug/L	99
6) Bromomethane	2.782	94	72398	27.565	ug/L	96
8) Chloroethane	2.922	64	55874	23.288	ug/L	97
9) Trichlorofluoromethane	3.257	101	65781	20.661	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	153340	25.252	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	149051	24.611	ug/L	96
13) Acetone	4.123	43	52515	41.333	ug/L	98
14) Carbon disulfide	4.391	76	438258	22.923	ug/L	99
15) Methyl Acetate	4.672	43	72905	25.914	ug/L	99
16) Methylene chloride	4.915	84	194859	21.432	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	162299	23.851	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	259855	24.085	ug/L	100
19) 1,1-Dichloroethane	6.214	63	316346	24.849	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	185690	25.433	ug/L	95
22) 2-Butanone	7.171	43	95200	46.845	ug/L	99
23) Bromochloromethane	7.513	128	77490	26.113	ug/L	96
25) Chloroform	7.677	83	314204	26.027	ug/L	99

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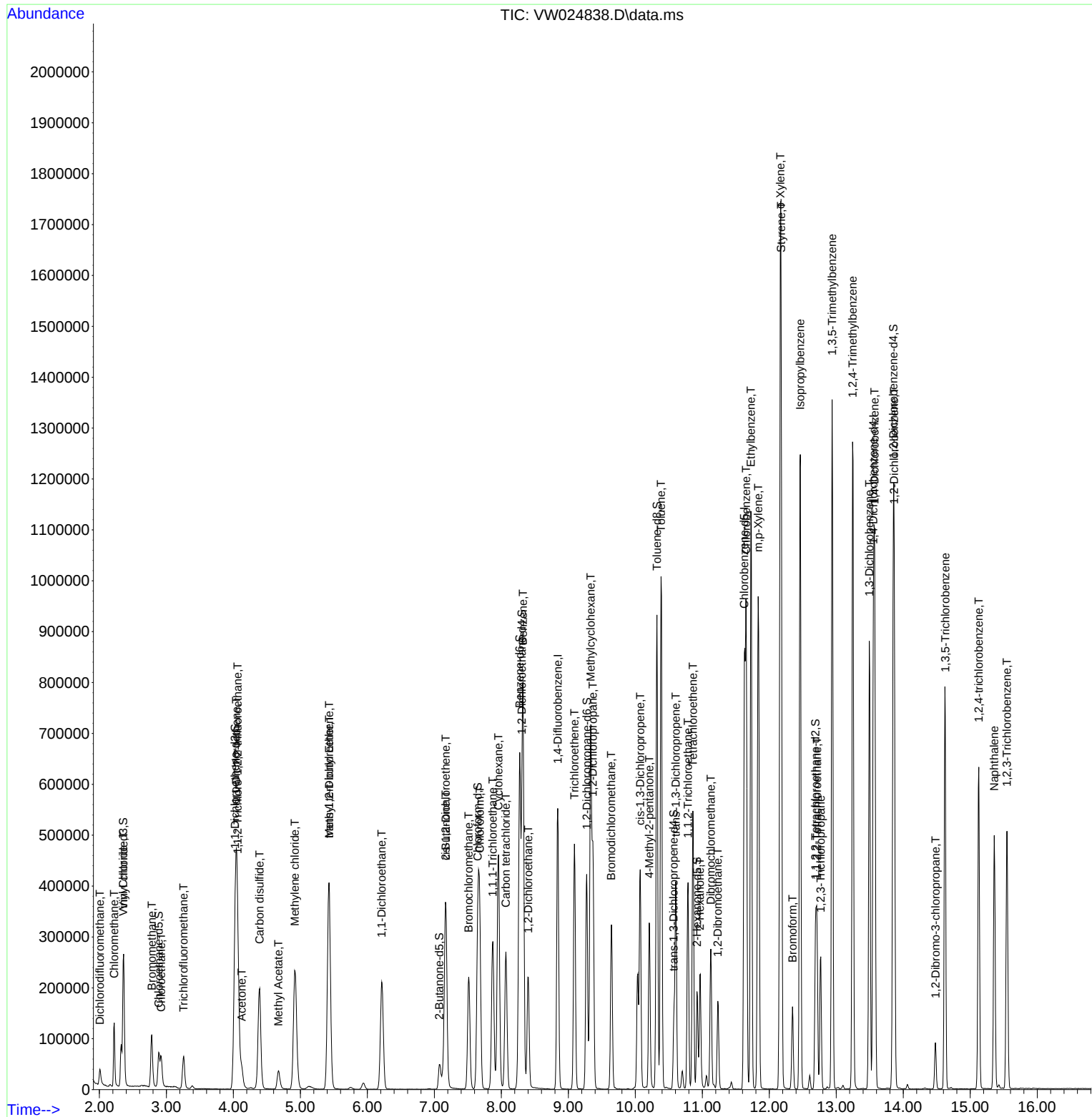
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	199732	26.293	ug/L	99
29) Cyclohexane	7.958	56	275053	20.305	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	239599	22.767	ug/L	98
31) Carbon tetrachloride	8.067	117	203650	22.851	ug/L	100
33) Benzene	8.323	78	709778	23.317	ug/L	100
34) Trichloroethene	9.092	95	177421	22.996	ug/L	96
35) Methylcyclohexane	9.335	83	290713	20.555	ug/L	99
37) 1,2-Dichloropropane	9.366	63	182200	24.246	ug/L	99
38) Bromodichloromethane	9.640	83	223639	24.193	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	261024	21.965	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	217207	48.832	ug/L	99
42) Toluene	10.384	91	739576	23.528	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	219582	21.552	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	129429	25.215	ug/L	99
46) Tetrachloroethene	10.860	164	116893	22.299	ug/L	95
48) 2-Hexanone	10.963	43	143265	47.631	ug/L	100
49) Dibromochloromethane	11.128	129	142920	24.727	ug/L	96
50) 1,2-Dibromoethane	11.231	107	119616	24.620	ug/L	97
51) Chlorobenzene	11.652	112	471843	24.515	ug/L	97
52) Ethylbenzene	11.725	91	836033	24.146	ug/L	98
53) m,p-Xylene	11.835	106	315910	23.365	ug/L	95
54) o-Xylene	12.164	106	304457	23.846	ug/L	92
55) Styrene	12.176	104	538176	25.004	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	157913	26.275	ug/L	98
59) Bromoform	12.347	173	69661	23.402	ug/L	97
60) Isopropylbenzene	12.463	105	826735	24.088	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	114184	25.172	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	717339	24.047	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	711676	24.352	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	338997	24.312	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	324891	23.935	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	314223	25.872	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	24669	22.997	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	225102	24.313	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	184956	23.780	ug/L	97
71) Naphthalene	15.359	128	412027	24.330	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	160532	24.251	ug/L	96

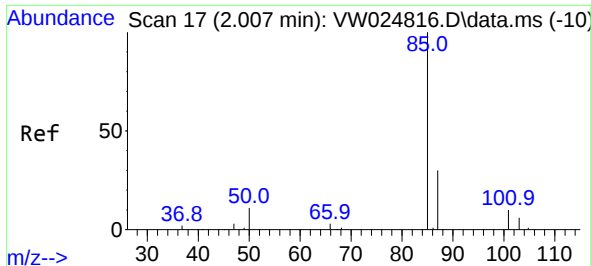
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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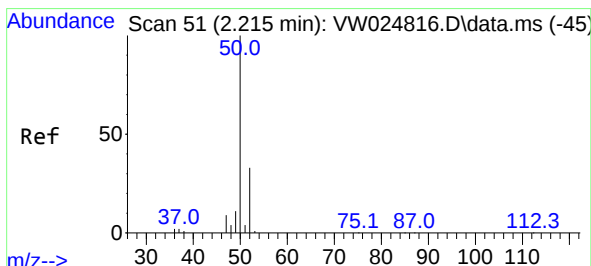
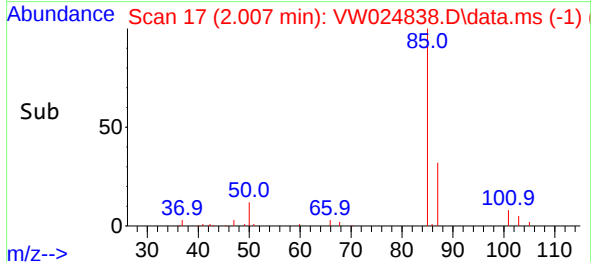
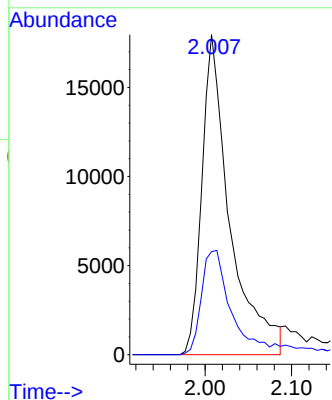
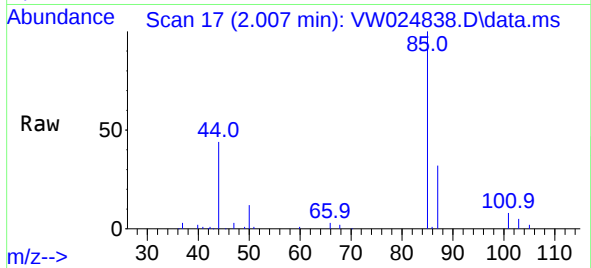




#2
Dichlorodifluoromethane
Concen: 14.149 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

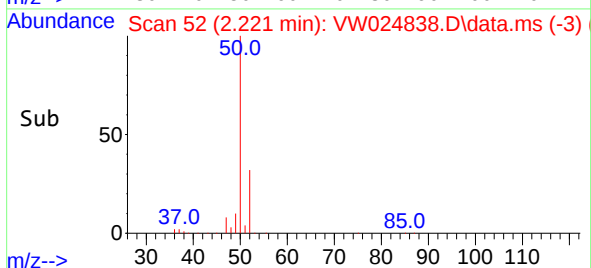
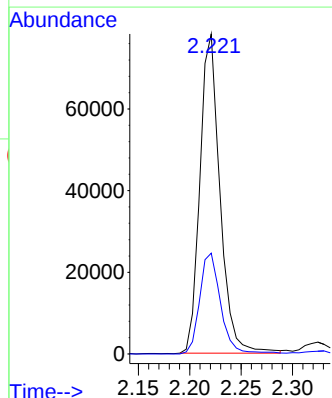
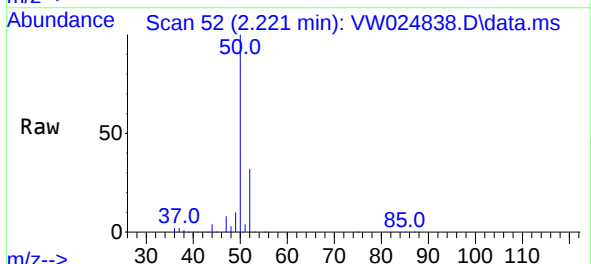
Instrument :
MSVOA_W
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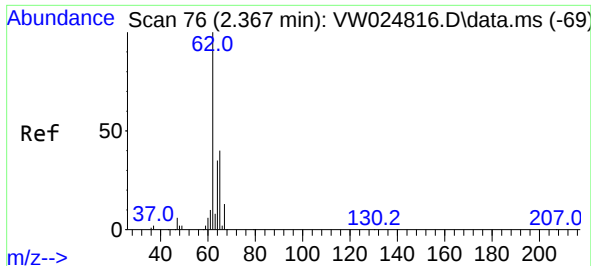
Tgt Ion: 85 Resp: 40215
Ion Ratio Lower Upper
85 100
87 34.1 28.8 43.2



#3
Chloromethane
Concen: 19.245 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 50 Resp: 106517
Ion Ratio Lower Upper
50 100
52 31.5 21.7 40.3

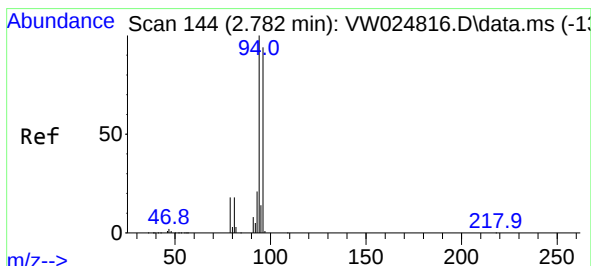
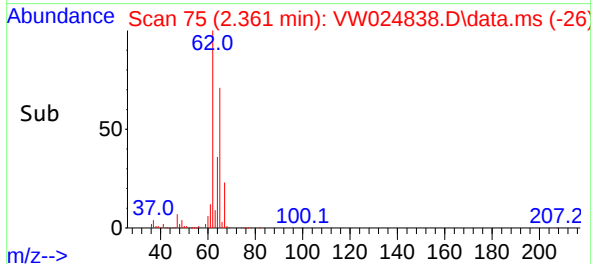
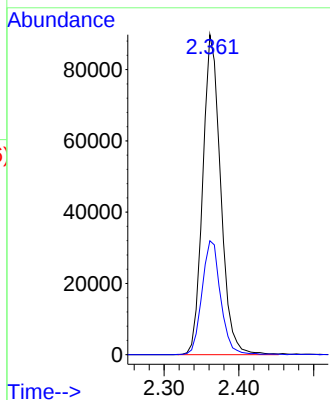
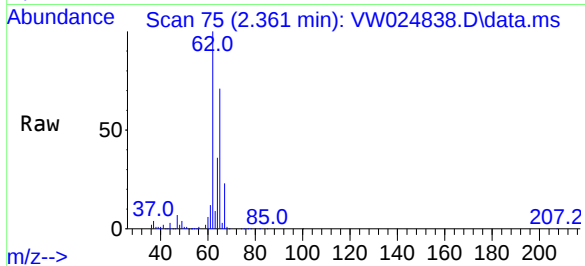




#5
 Vinyl chloride
 Concen: 26.296 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 05:01

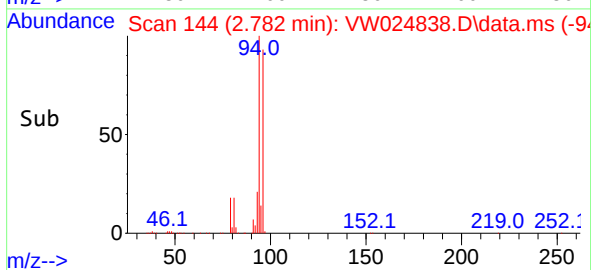
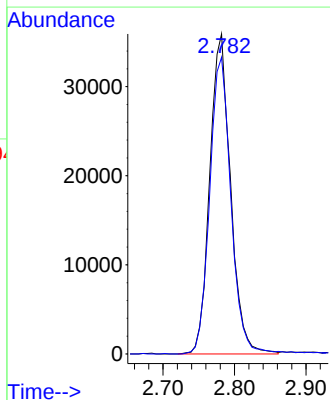
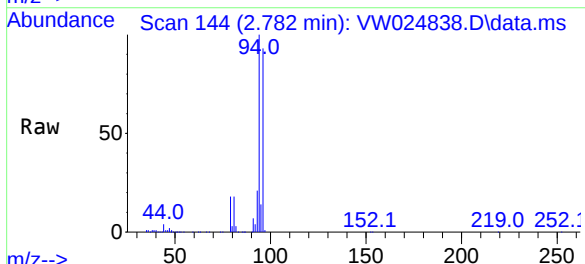
Instrument :
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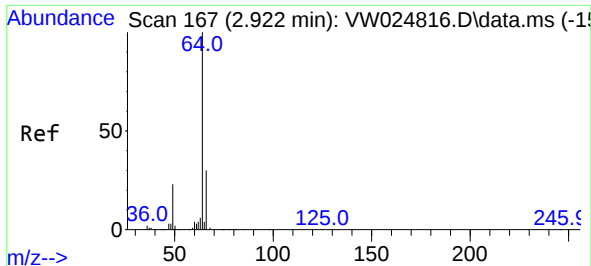
Tgt Ion: 62 Resp: 149649
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.4 45.2



#6
 Bromomethane
 Concen: 27.565 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 05:01

Tgt Ion: 94 Resp: 72398
 Ion Ratio Lower Upper
 94 100
 96 92.7 68.0 126.2

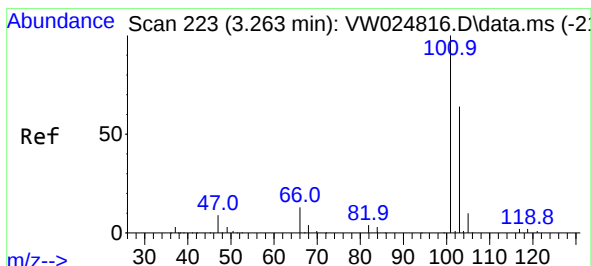
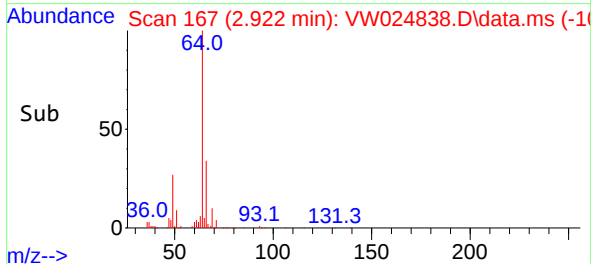
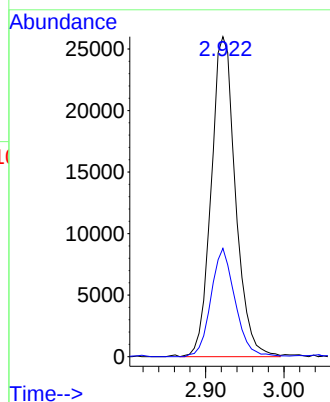
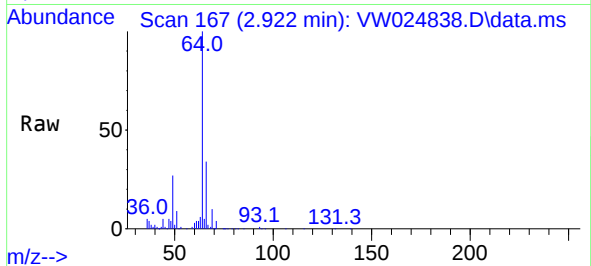




#8
Chloroethane
Concen: 23.288 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

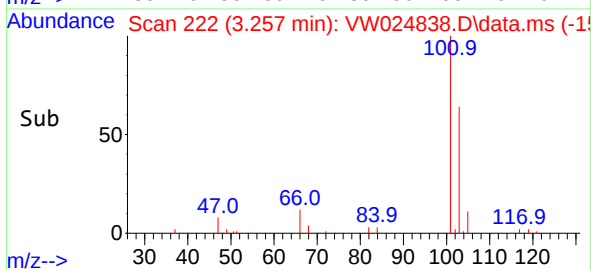
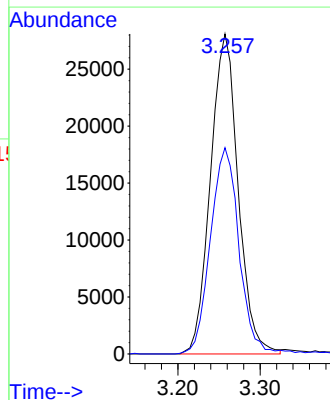
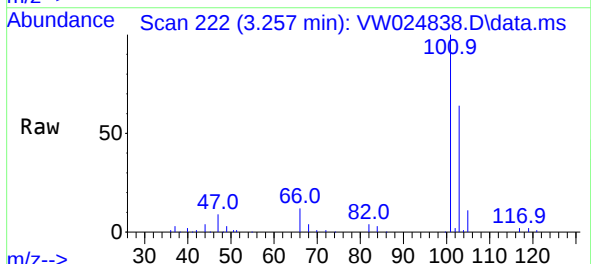
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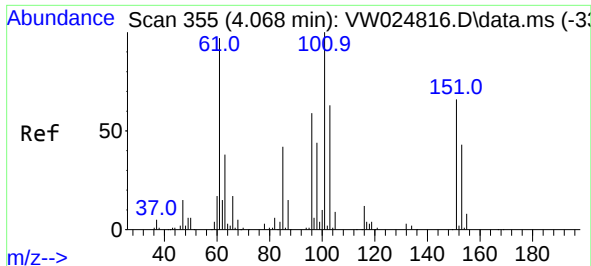
Tgt Ion: 64 Resp: 55874
Ion Ratio Lower Upper
64 100
66 33.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 20.661 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 101 Resp: 65781
Ion Ratio Lower Upper
101 100
103 66.1 53.4 80.2

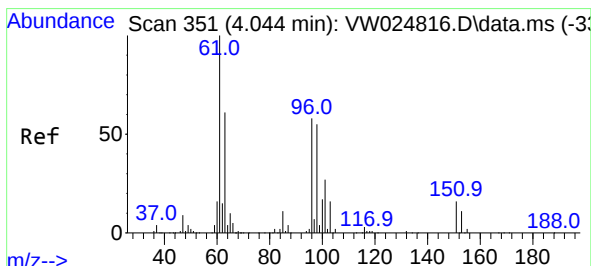
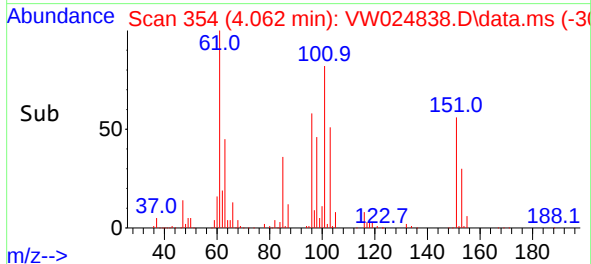
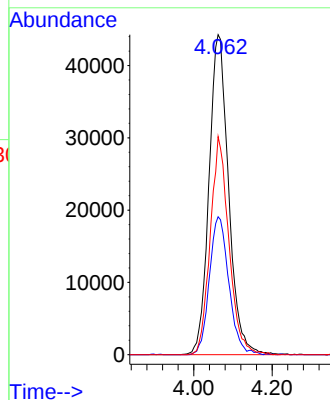
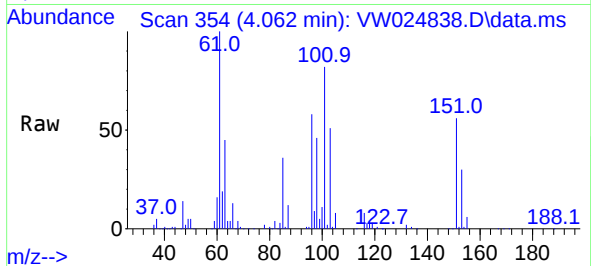




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.252 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 05:01

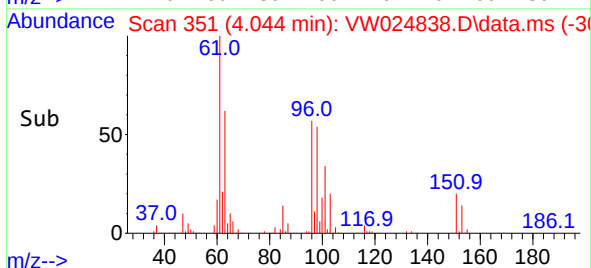
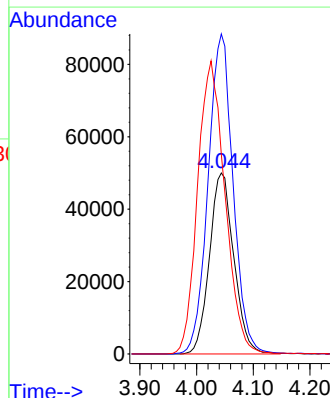
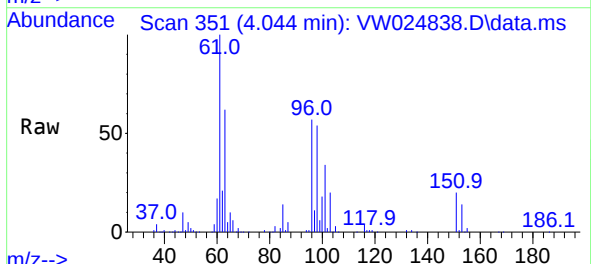
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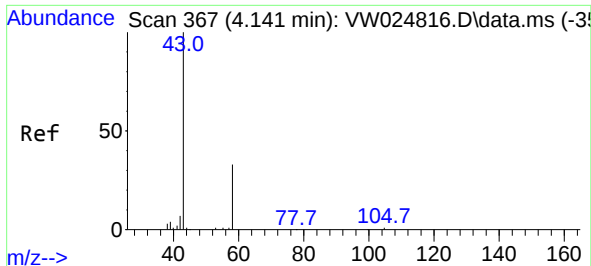
Tgt Ion:101 Resp: 153340
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.9 52.3
 151 64.7 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 24.611 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024838.D
 Acq: 11 Oct 2022 05:01

Tgt Ion: 96 Resp: 149051
 Ion Ratio Lower Upper
 96 100
 61 176.8 124.5 231.1
 63 110.3 84.1 156.1

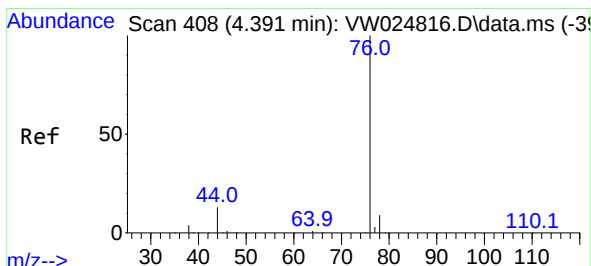
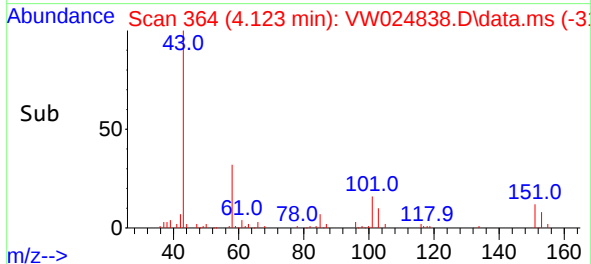
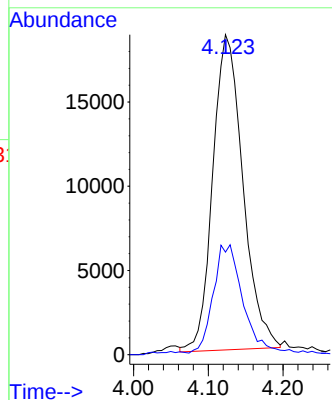
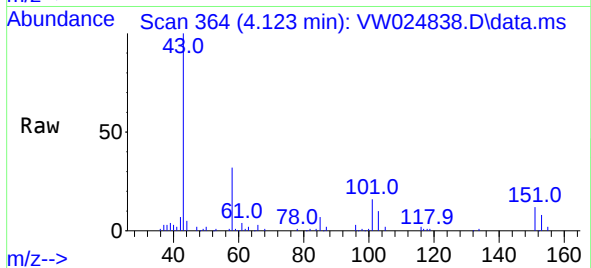




#13
Acetone
Concen: 41.333 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW024838.D
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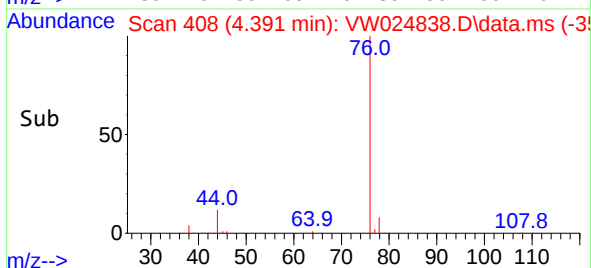
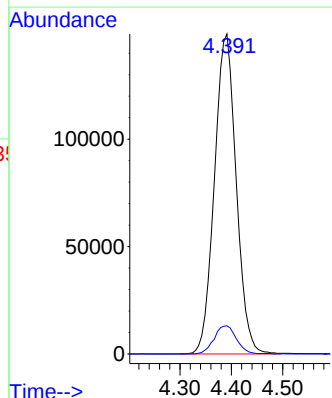
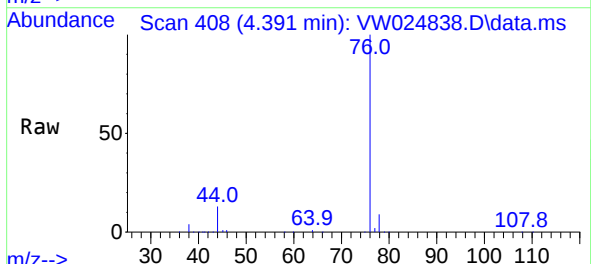
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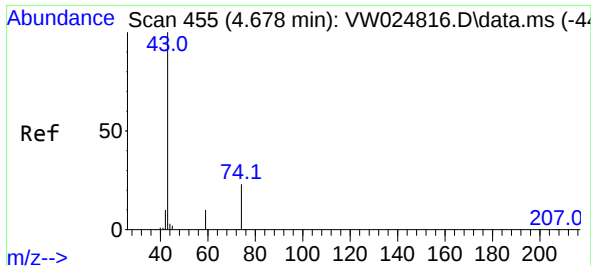
Tgt Ion: 43 Resp: 52515
Ion Ratio Lower Upper
43 100
58 34.7 0.0 67.6



#14
Carbon disulfide
Concen: 22.923 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 76 Resp: 438258
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

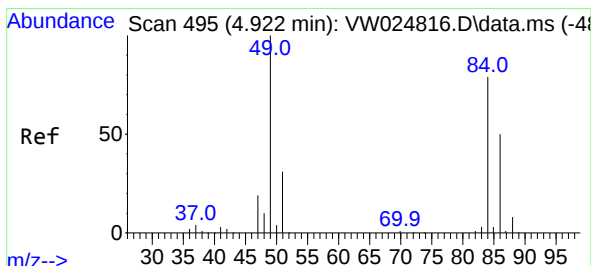
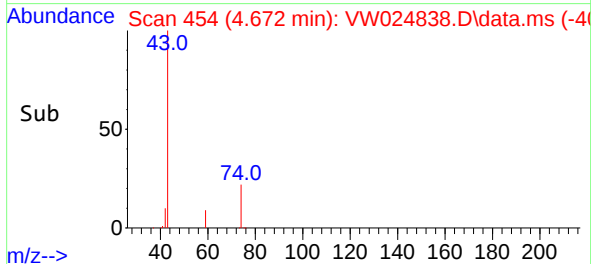
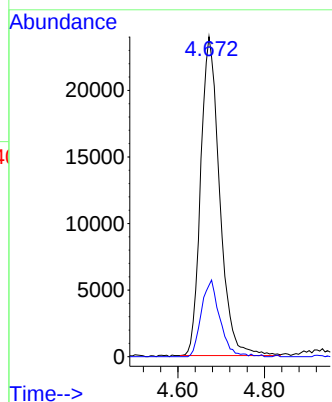
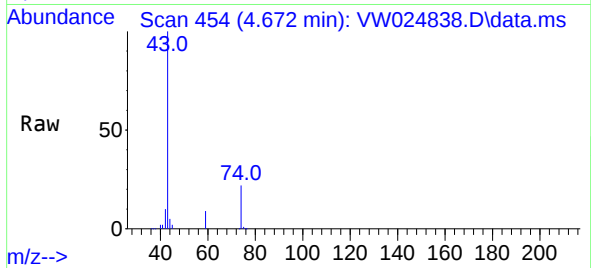




#15
Methyl Acetate
Concen: 25.914 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

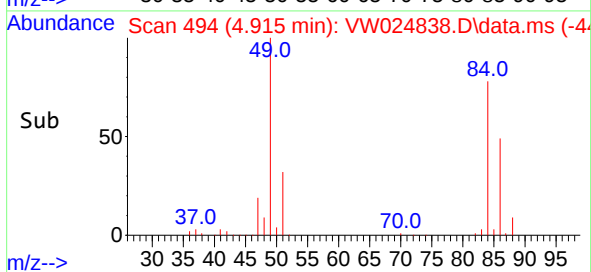
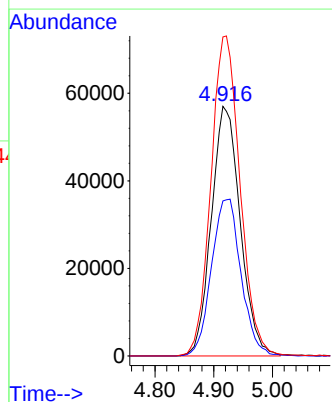
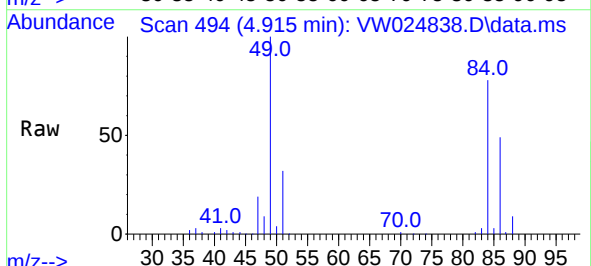
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

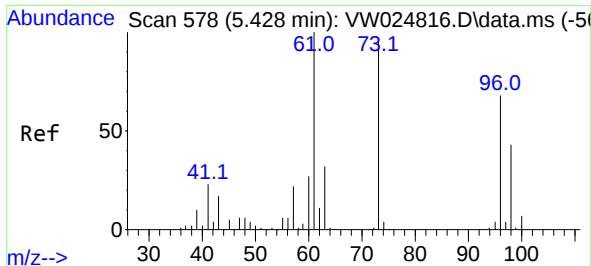
Tgt Ion: 43 Resp: 72905
Ion Ratio Lower Upper
43 100
74 23.0 18.1 27.1



#16
Methylene chloride
Concen: 21.432 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 84 Resp: 194859
Ion Ratio Lower Upper
84 100
86 62.1 44.0 81.8
49 127.8 87.4 162.2

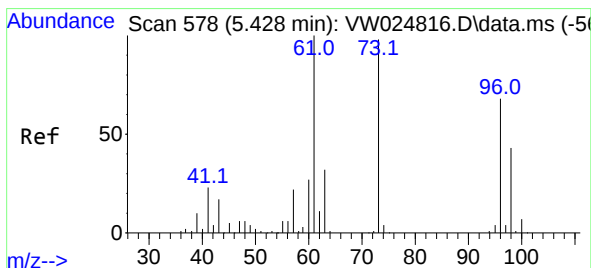
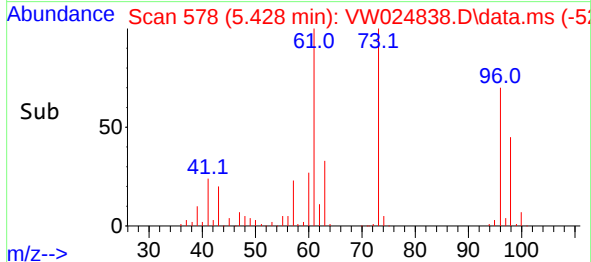
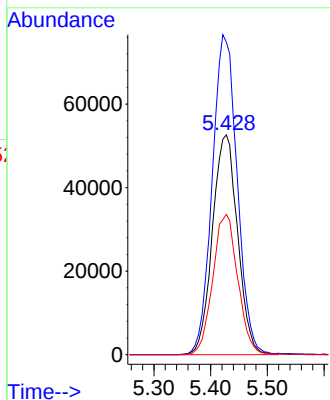
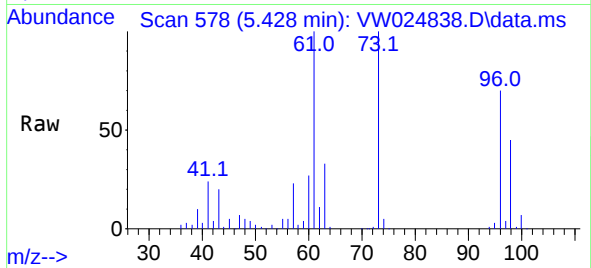




#17
trans-1,2-Dichloroethene
Concen: 23.851 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

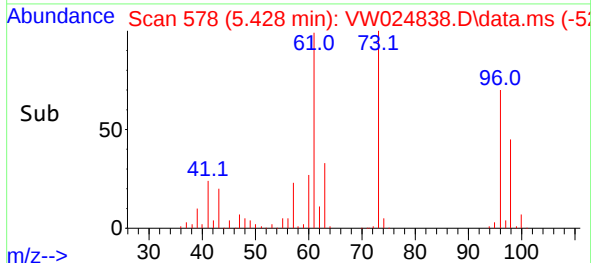
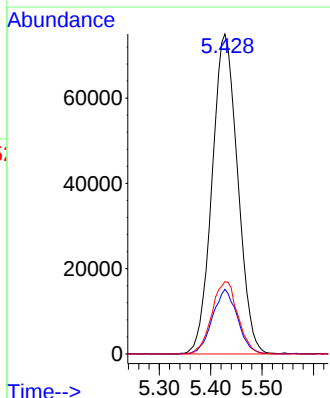
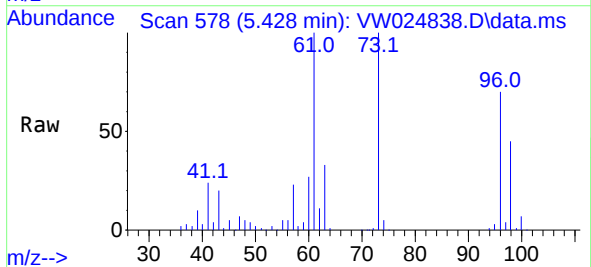
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

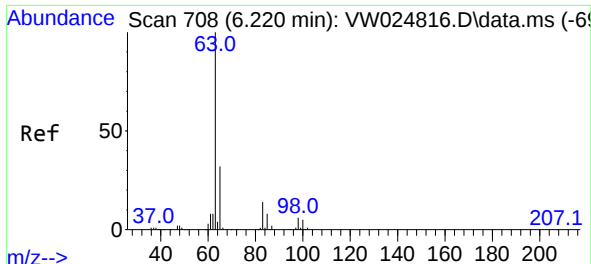
Tgt Ion: 96 Resp: 162299
Ion Ratio Lower Upper
96 100
61 142.1 106.3 197.5
98 63.9 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 24.085 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 73 Resp: 259855
Ion Ratio Lower Upper
73 100
43 19.8 15.6 23.4
57 22.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 24.849 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

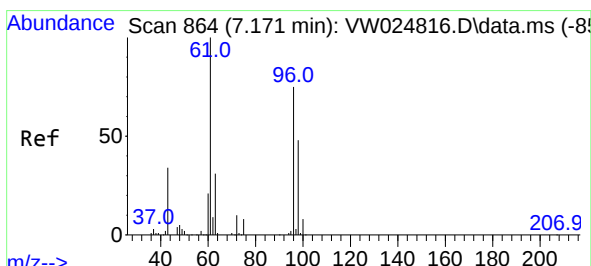
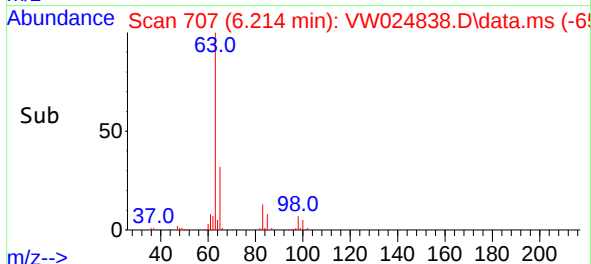
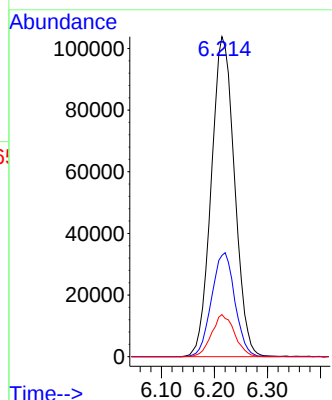
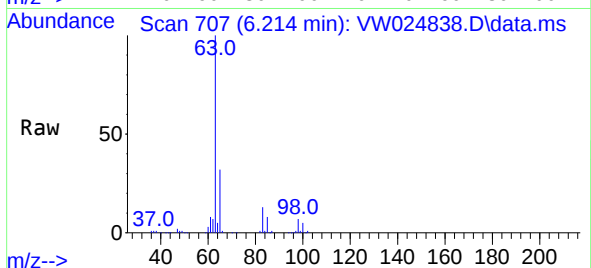
Tgt Ion: 63 Resp: 316346

Ion Ratio Lower Upper

63 100

65 31.6 23.7 43.9

83 13.2 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 25.433 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

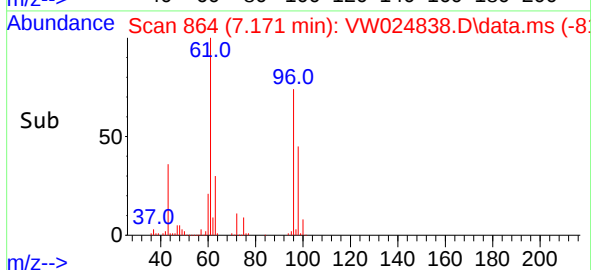
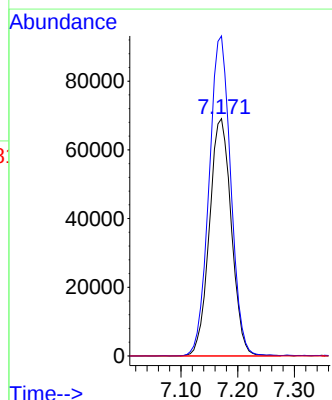
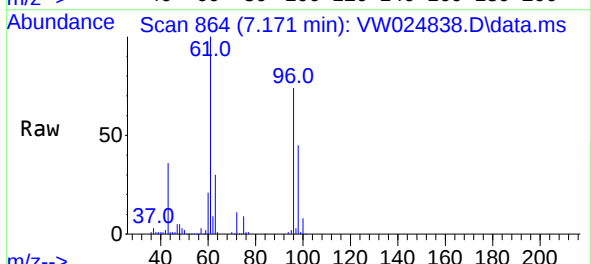
Tgt Ion: 96 Resp: 185690

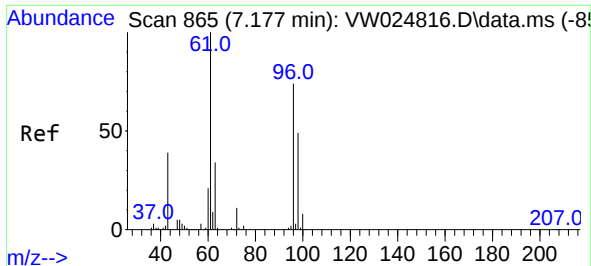
Ion Ratio Lower Upper

96 100

61 134.9 90.2 167.4

68 0.0 0.0 0.0

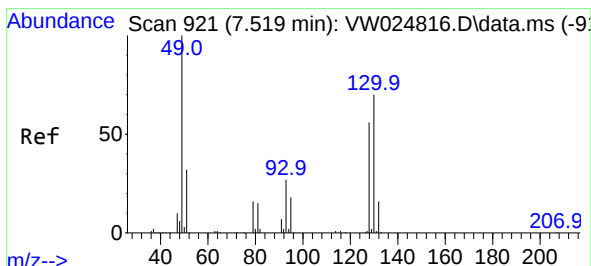
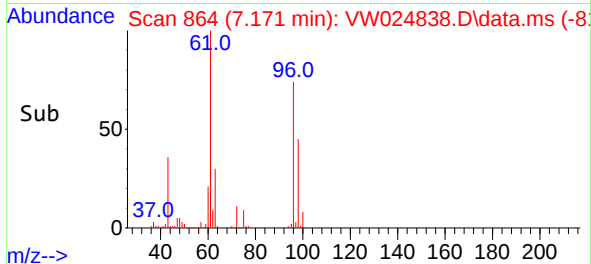
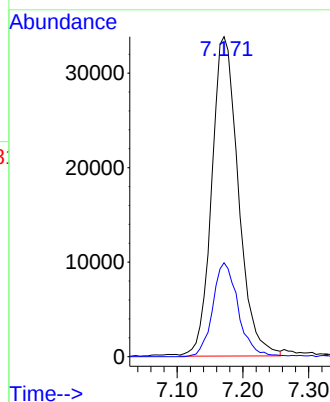
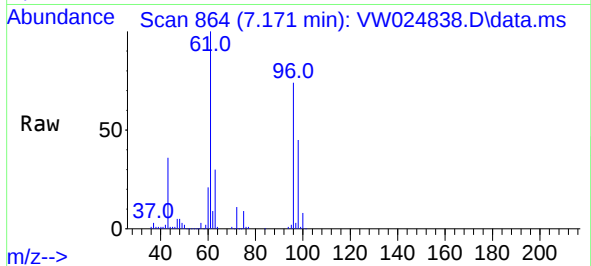




#22
2-Butanone
Concen: 46.845 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

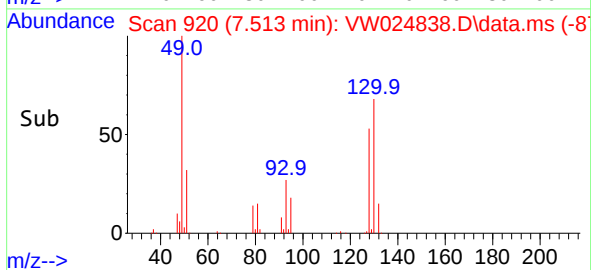
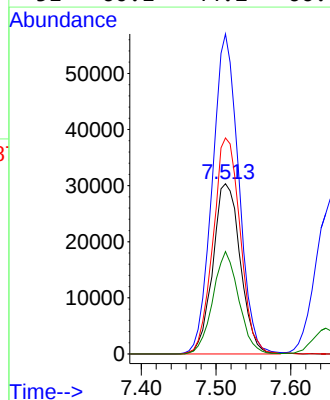
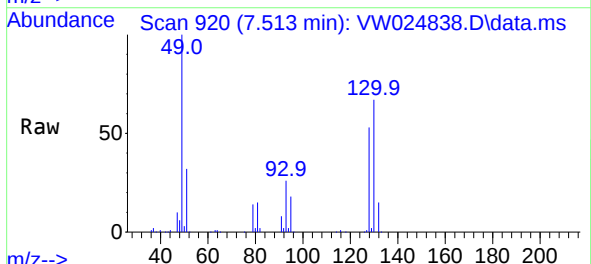
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

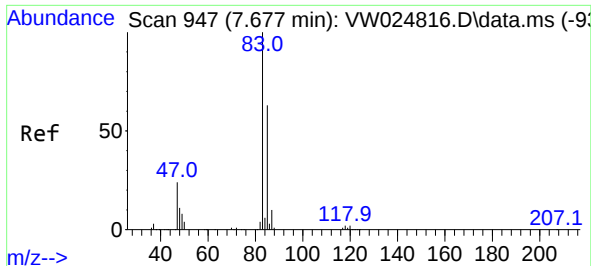
Tgt Ion: 43 Resp: 95200
Ion Ratio Lower Upper
43 100
72 28.2 13.8 41.3



#23
Bromochloromethane
Concen: 26.113 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 128 Resp: 77490
Ion Ratio Lower Upper
128 100
49 188.0 127.3 236.3
130 126.9 90.2 167.4
51 60.1 44.2 66.4





#25

Chloroform

Concen: 26.027 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Instrument :

MSVOA_W

ClientSampleId :

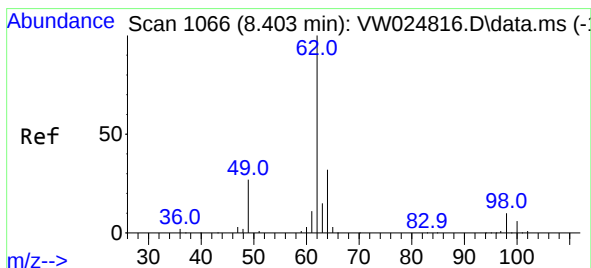
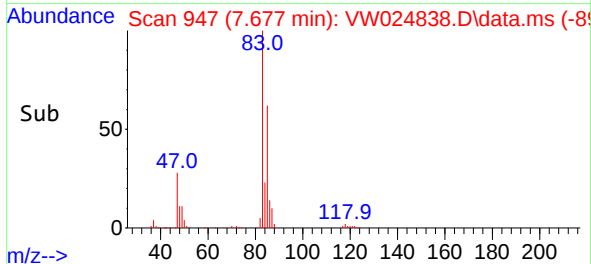
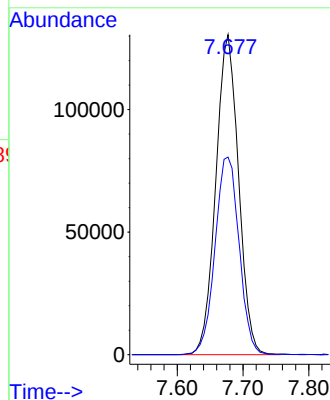
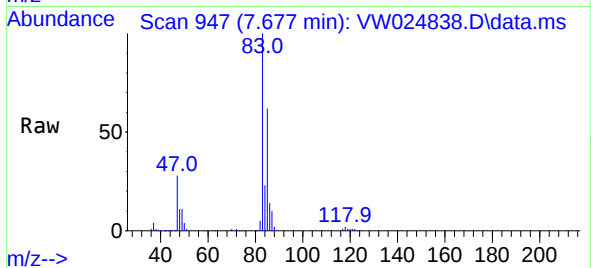
VSTD025593

Tgt Ion: 83 Resp: 314204

Ion Ratio Lower Upper

83 100

85 61.8 44.0 81.8



#27

1,2-Dichloroethane

Concen: 26.293 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW024838.D

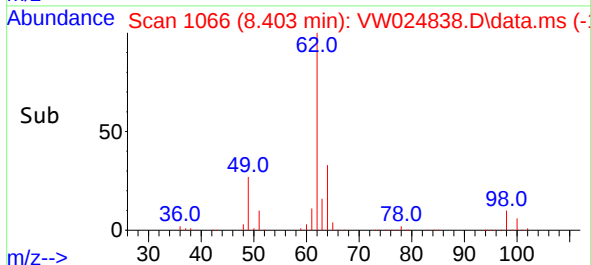
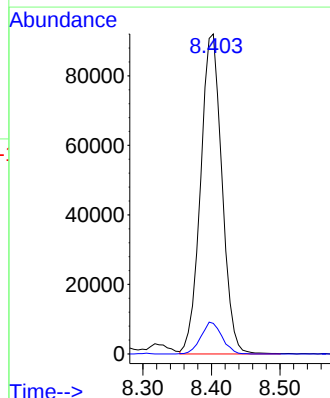
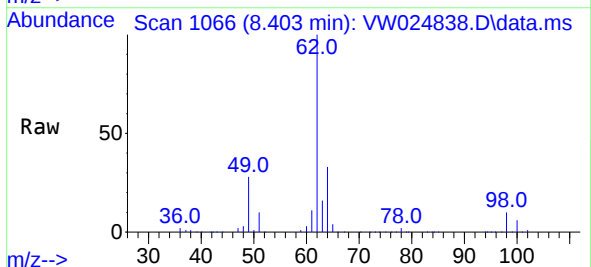
Acq: 11 Oct 2022 05:01

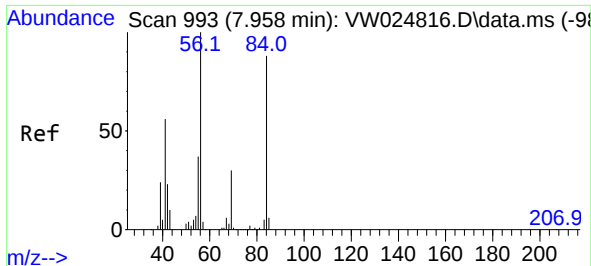
Tgt Ion: 62 Resp: 199732

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

Cyclohexane

Concen: 20.305 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

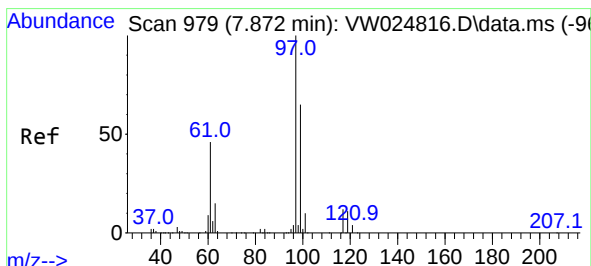
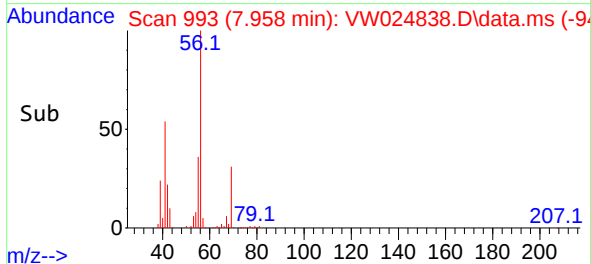
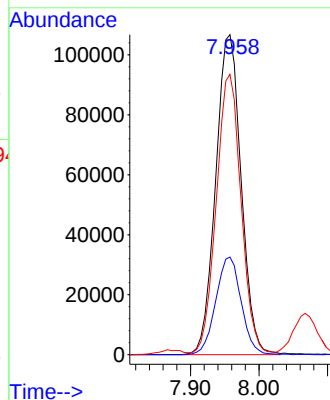
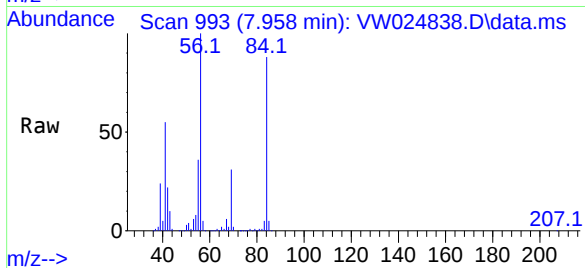
Tgt Ion: 56 Resp: 275053

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

84 85.6 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 22.767 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

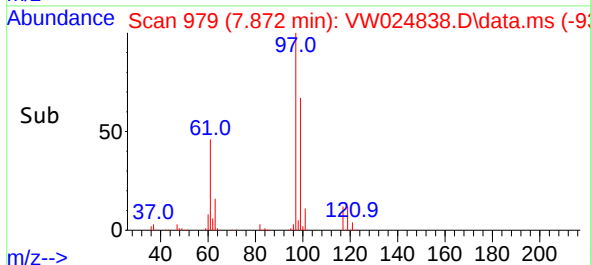
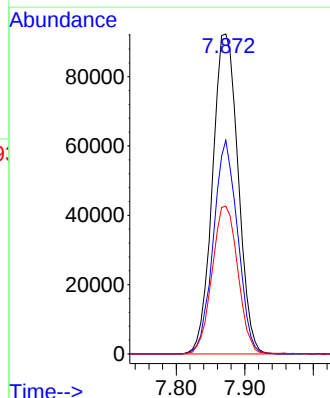
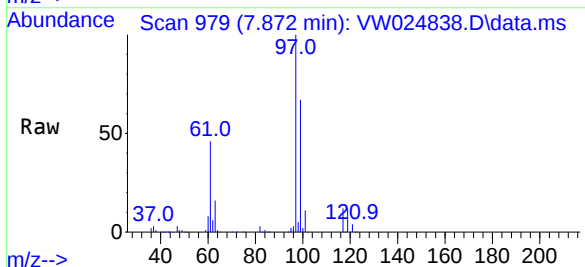
Tgt Ion: 97 Resp: 239599

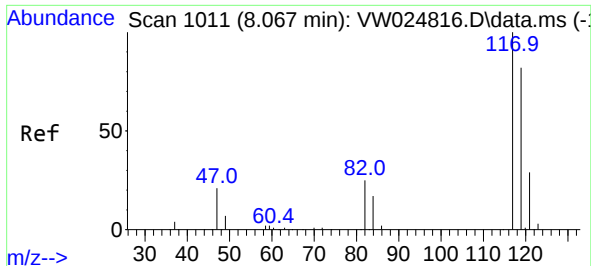
Ion Ratio Lower Upper

97 100

99 63.2 51.1 76.7

61 46.6 35.8 53.6

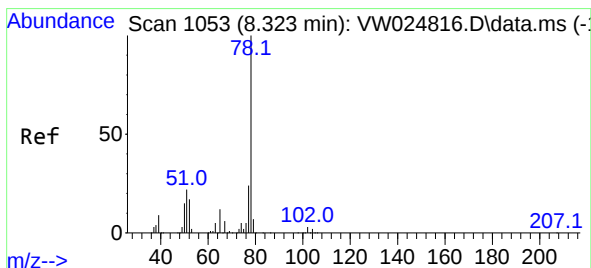
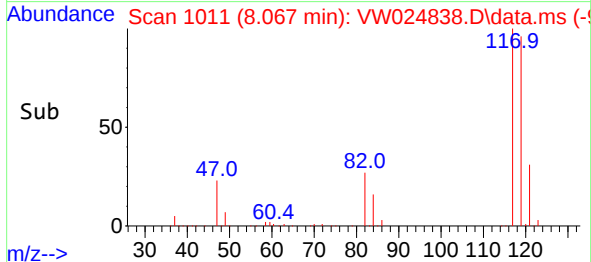
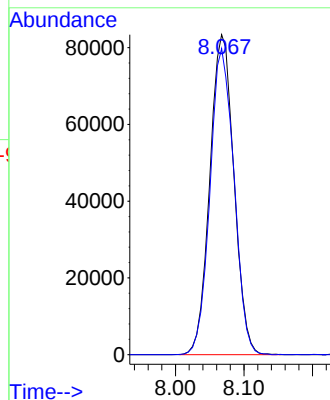
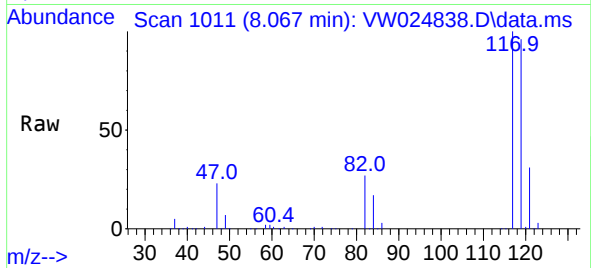




#31
Carbon tetrachloride
Concen: 22.851 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

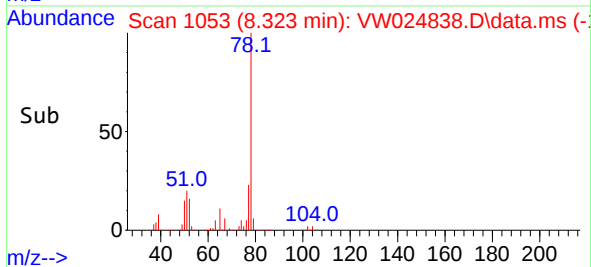
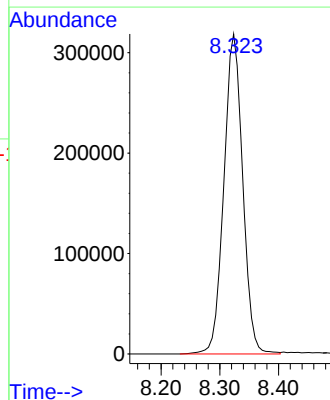
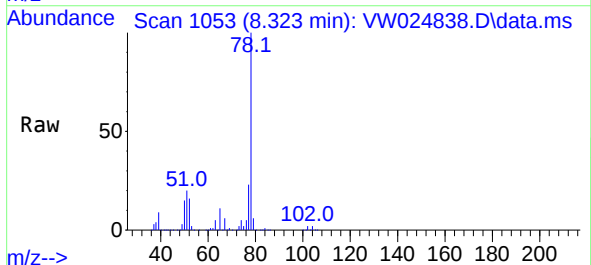
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

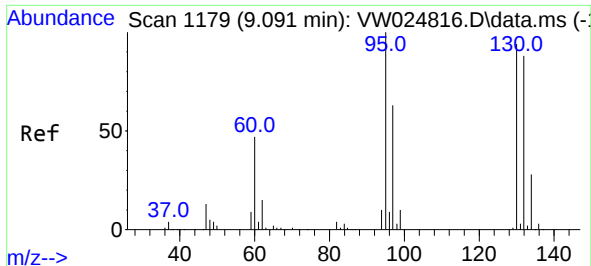
Tgt Ion:117 Resp: 203650
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2



#33
Benzene
Concen: 23.317 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 78 Resp: 709778

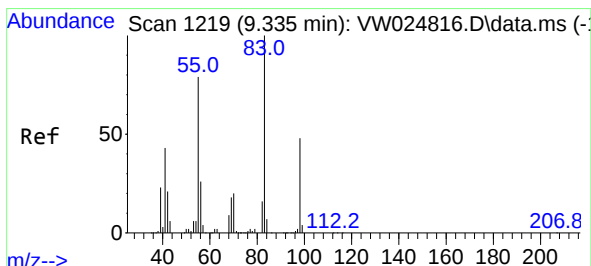
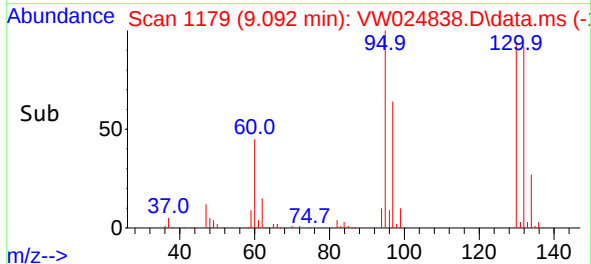
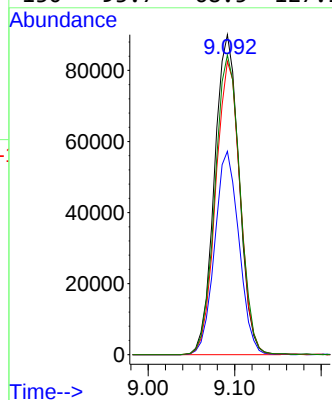
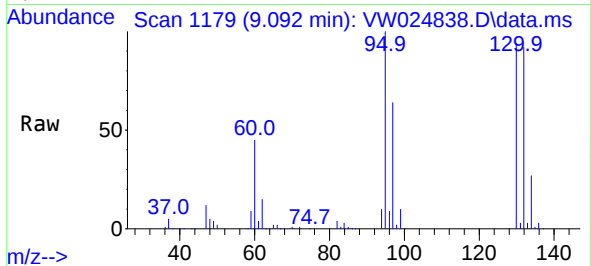




#34
Trichloroethene
Concen: 22.996 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

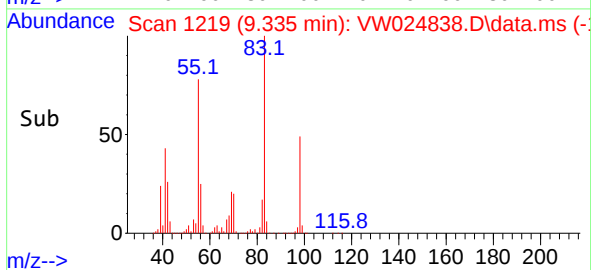
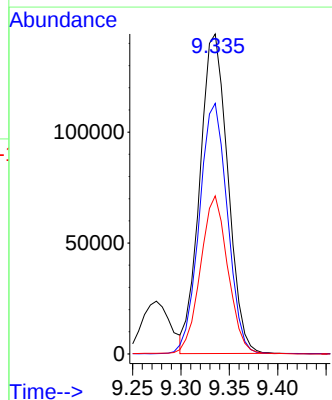
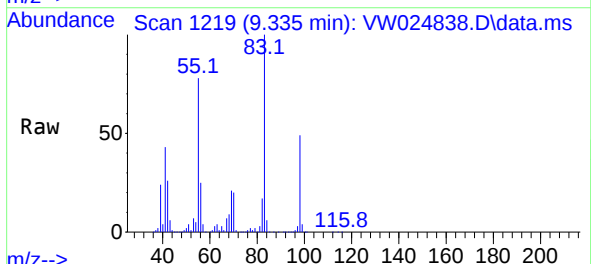
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

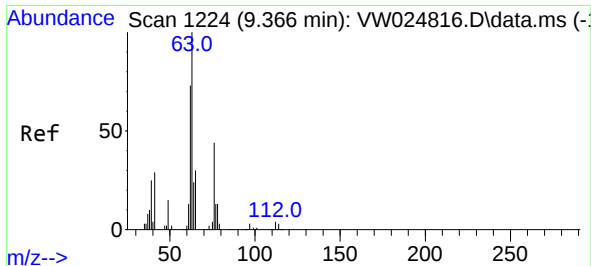
Tgt Ion: 95 Resp: 177421
Ion Ratio Lower Upper
95 100
97 63.5 43.5 80.9
132 91.6 61.2 113.8
130 93.7 68.5 127.1



#35
Methylcyclohexane
Concen: 20.555 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 83 Resp: 290713
Ion Ratio Lower Upper
83 100
55 78.6 63.1 94.7
98 48.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.246 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Instrument :

MSVOA_W

ClientSampleId :

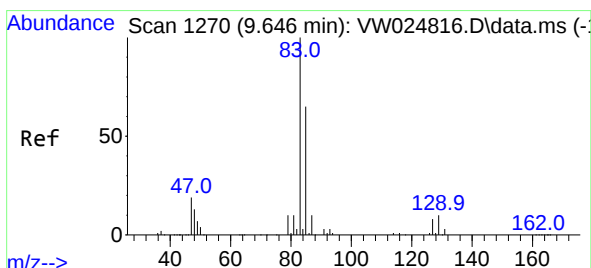
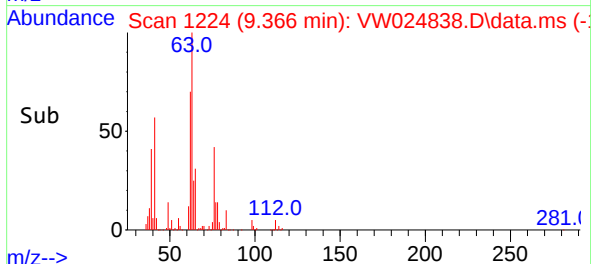
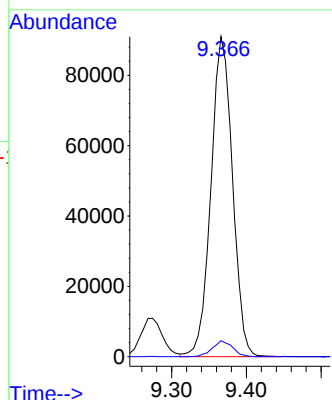
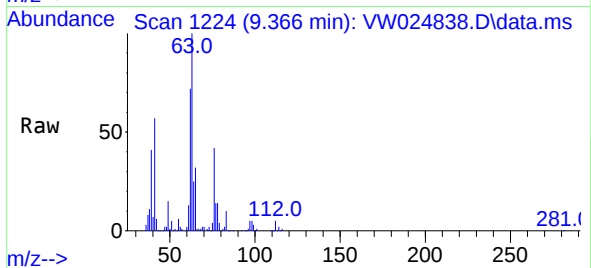
VSTD025593

Tgt Ion: 63 Resp: 182200

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 24.193 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

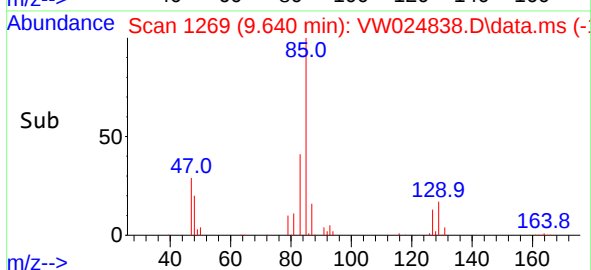
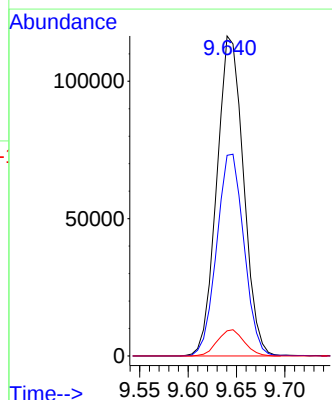
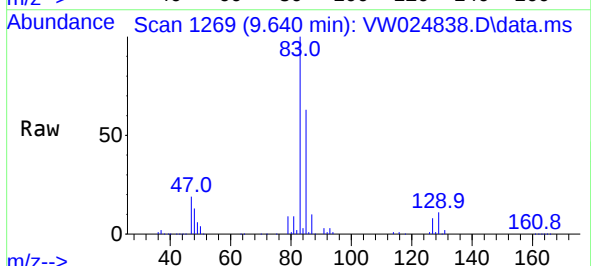
Tgt Ion: 83 Resp: 223639

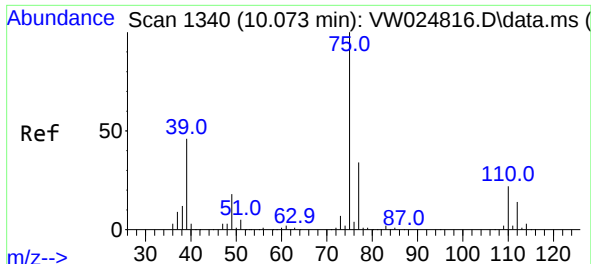
Ion Ratio Lower Upper

83 100

85 62.7 45.6 84.8

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 21.965 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Instrument :

MSVOA_W

ClientSampleId :

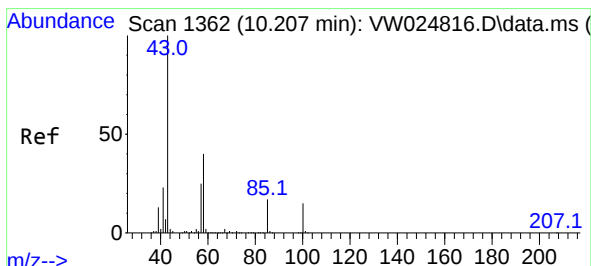
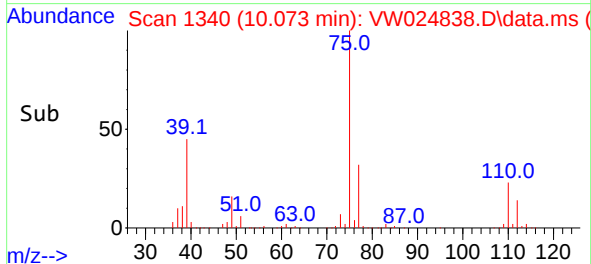
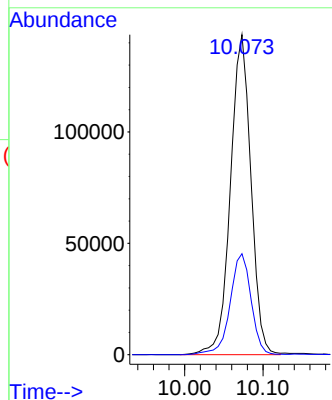
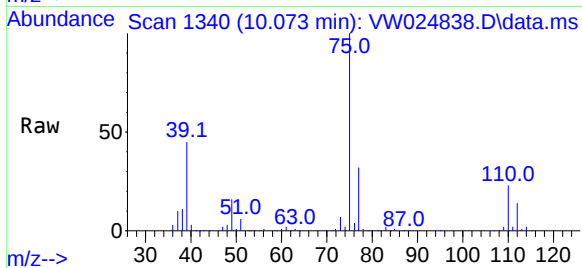
VSTD025593

Tgt Ion: 75 Resp: 261024

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 48.832 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

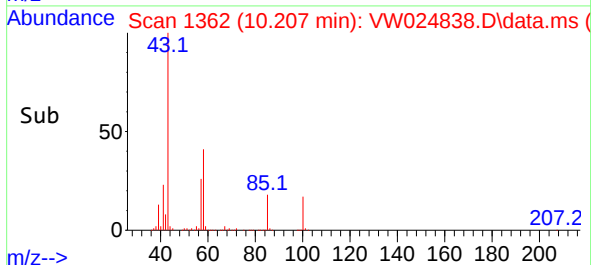
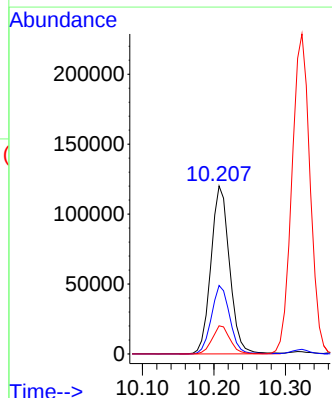
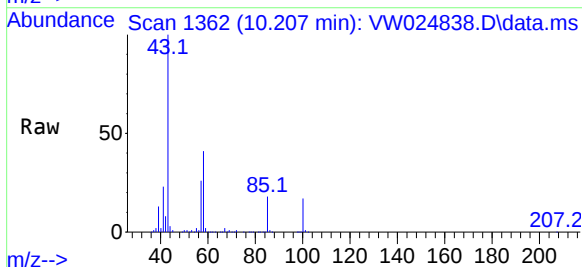
Tgt Ion: 43 Resp: 217207

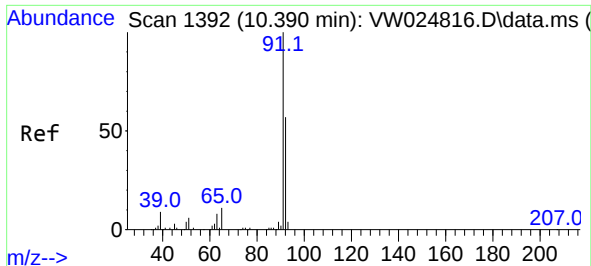
Ion Ratio Lower Upper

43 100

58 40.2 32.9 49.3

100 16.1 12.6 19.0

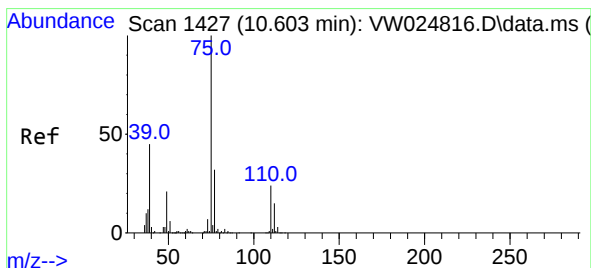
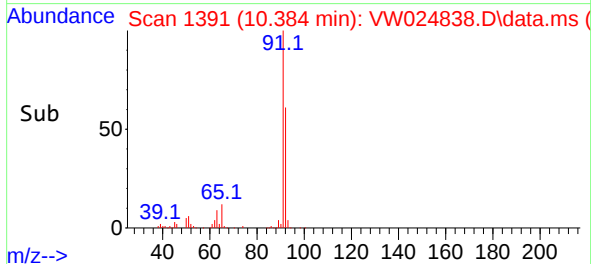
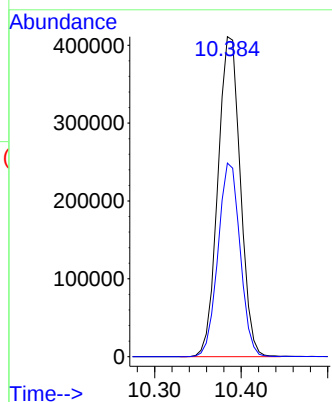
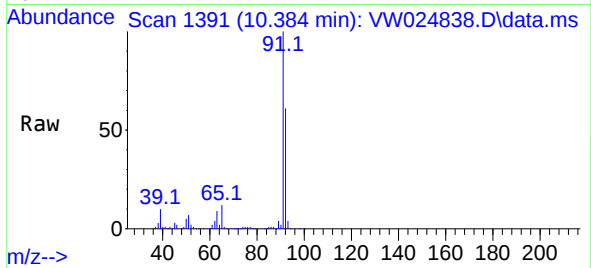




#42
Toluene
Concen: 23.528 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

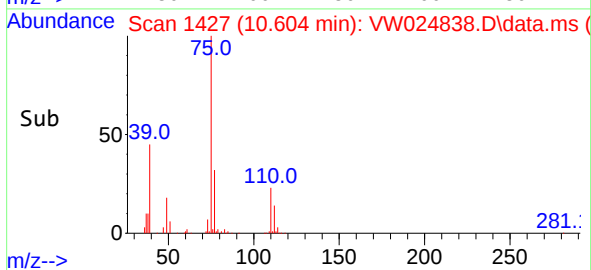
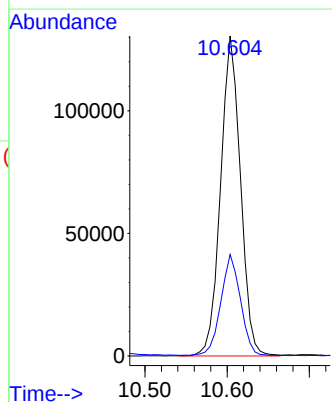
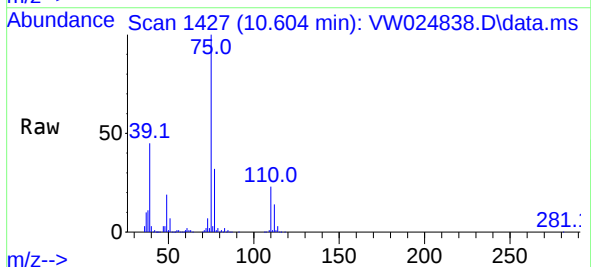
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

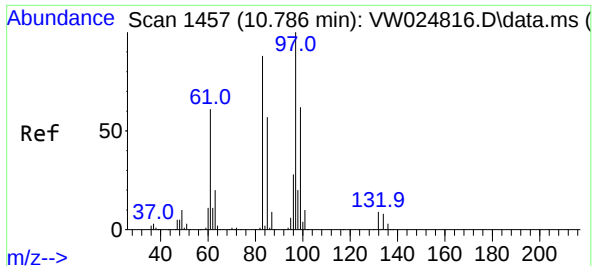
Tgt Ion: 91 Resp: 739576
Ion Ratio Lower Upper
91 100
92 60.5 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 21.552 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 75 Resp: 219582
Ion Ratio Lower Upper
75 100
77 31.7 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.215 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

Tgt Ion: 97 Resp: 129429

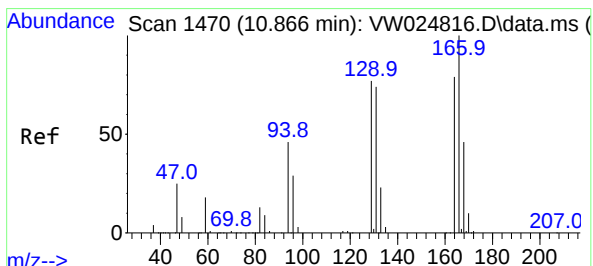
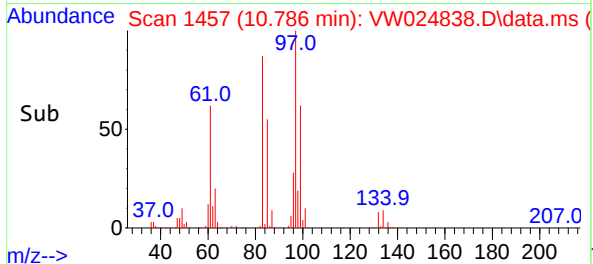
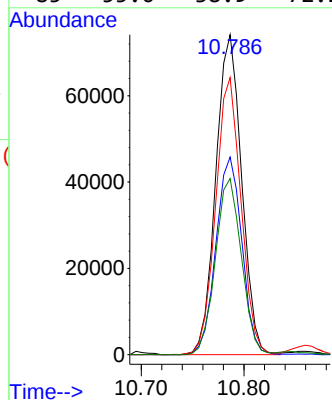
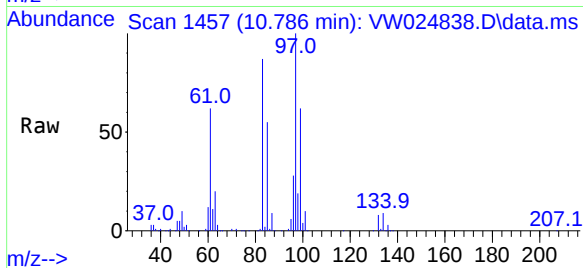
Ion Ratio Lower Upper

97 100

99 61.7 43.8 81.4

83 86.6 60.1 111.5

85 55.0 38.9 72.2



#46

Tetrachloroethene

Concen: 22.299 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Tgt Ion:164 Resp: 116893

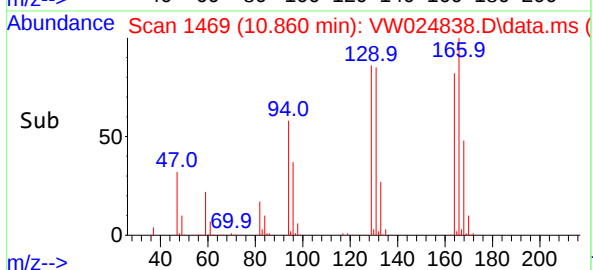
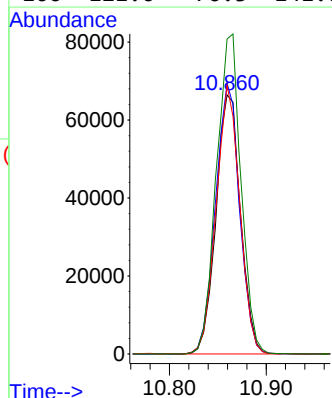
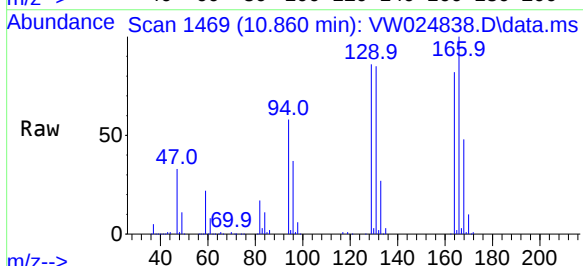
Ion Ratio Lower Upper

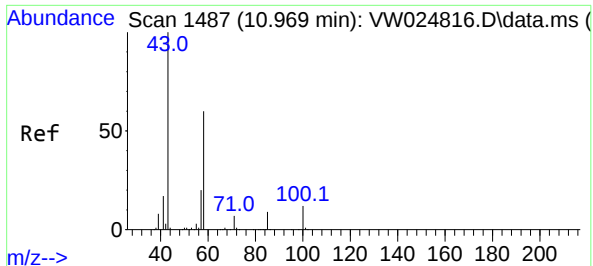
164 100

129 104.5 74.1 137.5

131 103.6 71.5 132.7

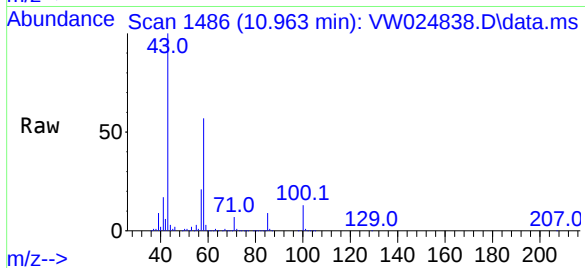
166 121.6 76.3 141.7



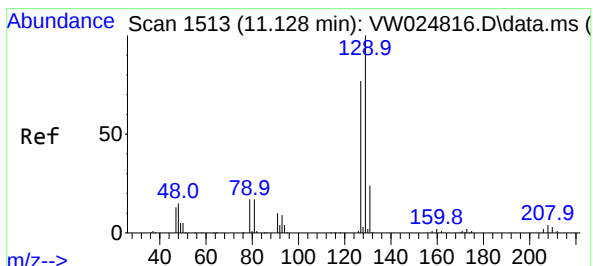
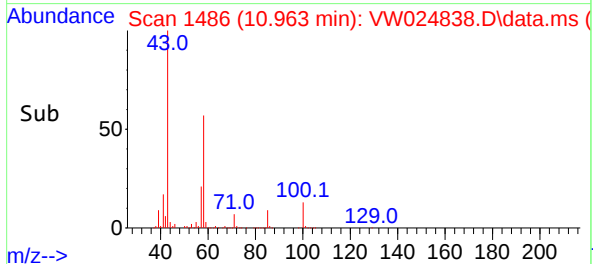
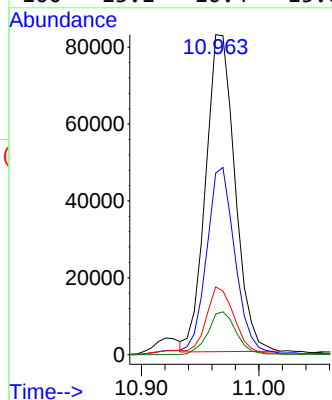


#48
2-Hexanone
Concen: 47.631 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

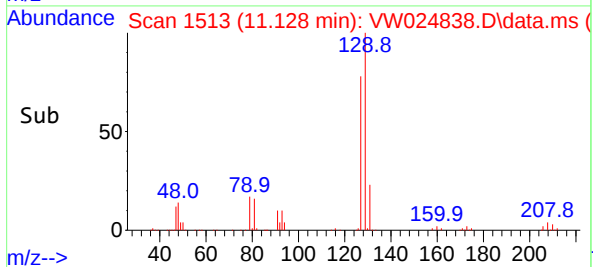
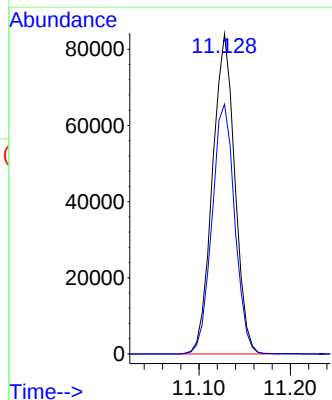
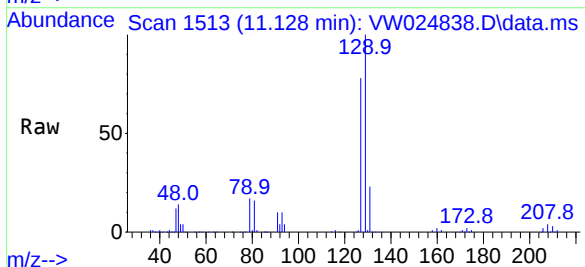


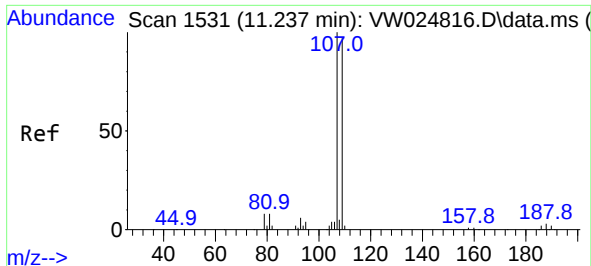
Tgt Ion: 43 Resp: 143265
Ion Ratio Lower Upper
43 100
58 56.3 45.3 67.9
57 20.7 16.3 24.5
100 13.1 10.4 15.6



#49
Dibromochloromethane
Concen: 24.727 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 129 Resp: 142920
Ion Ratio Lower Upper
129 100
127 78.1 52.4 97.4





#50

1,2-Dibromoethane

Concen: 24.620 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

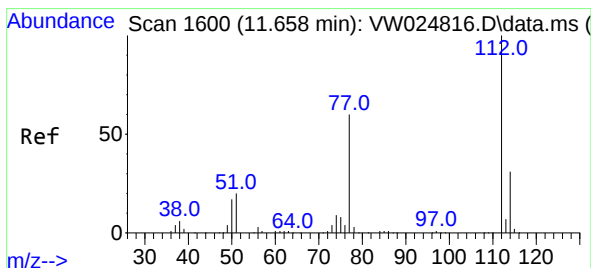
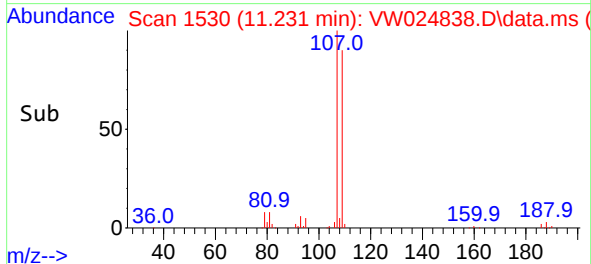
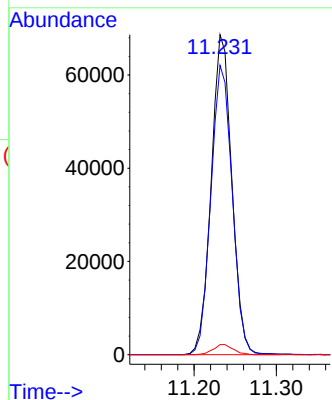
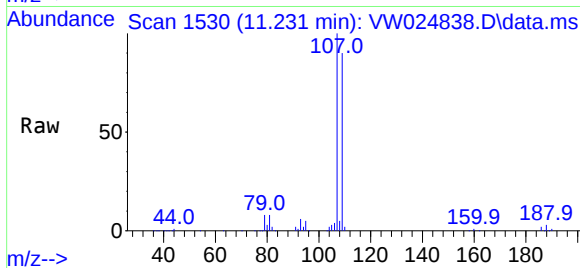
Tgt Ion:107 Resp: 119616

Ion Ratio Lower Upper

107 100

109 90.4 65.5 121.7

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 24.515 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

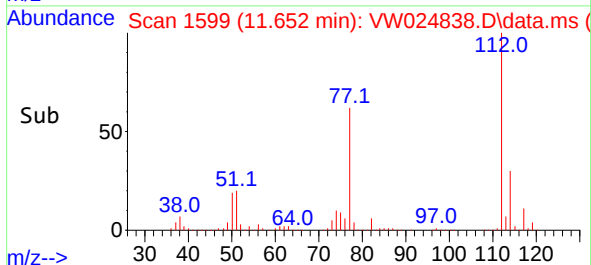
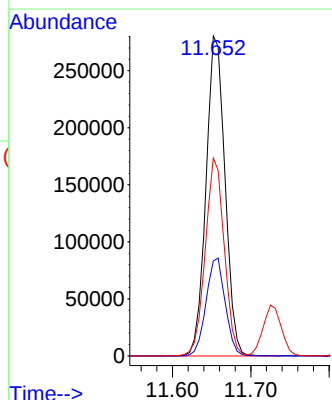
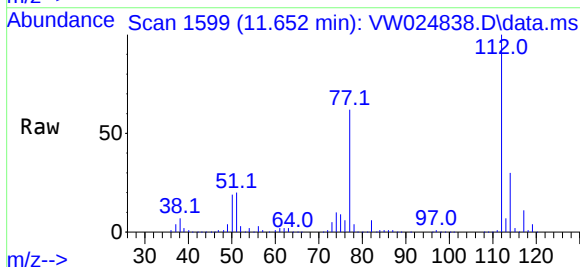
Tgt Ion:112 Resp: 471843

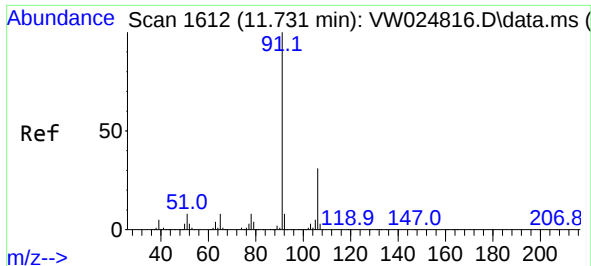
Ion Ratio Lower Upper

112 100

114 29.6 23.3 43.3

77 61.8 49.1 73.7

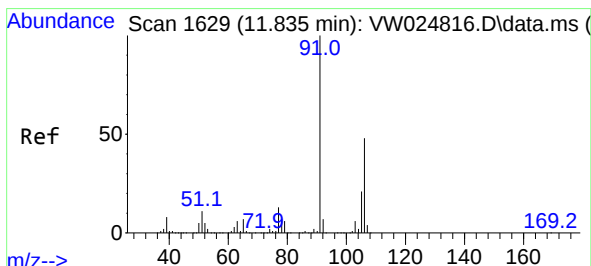
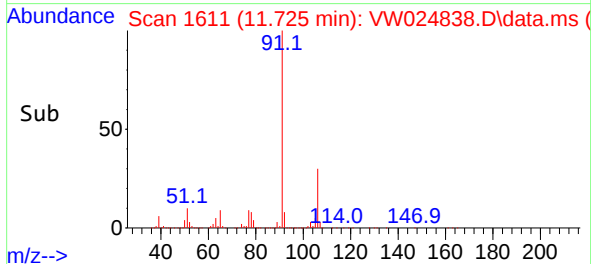
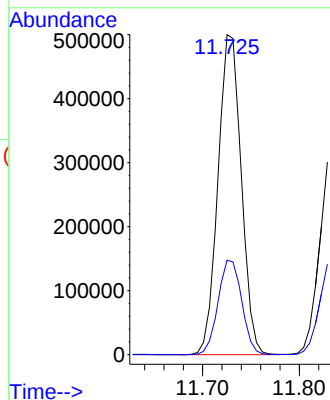
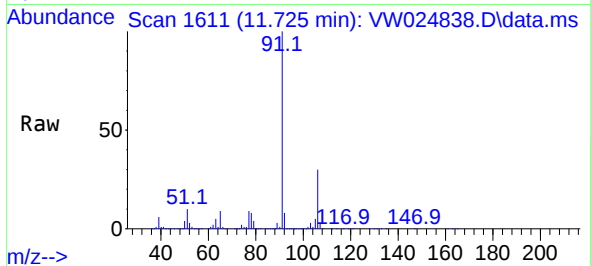




#52
Ethylbenzene
Concen: 24.146 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

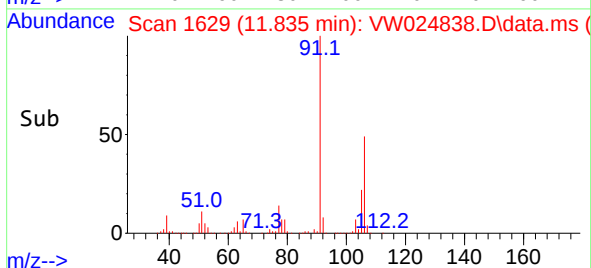
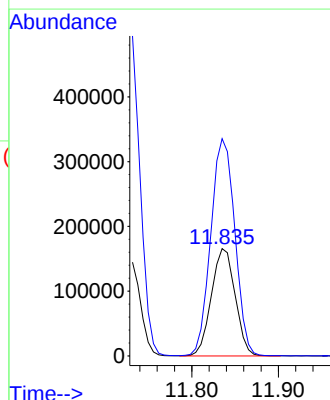
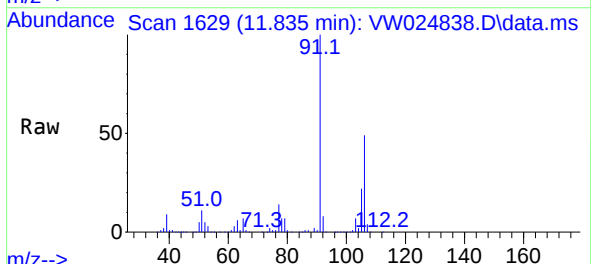
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

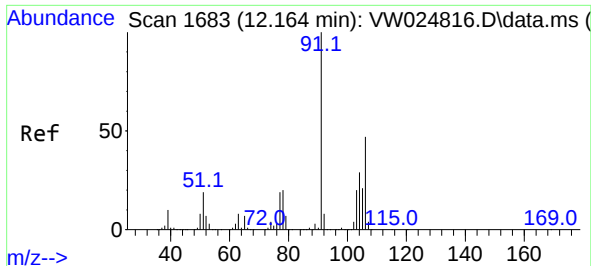
Tgt Ion: 91 Resp: 836033
Ion Ratio Lower Upper
91 100
106 29.6 21.5 39.9



#53
m,p-Xylene
Concen: 23.365 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 106 Resp: 315910
Ion Ratio Lower Upper
106 100
91 202.6 146.8 272.6

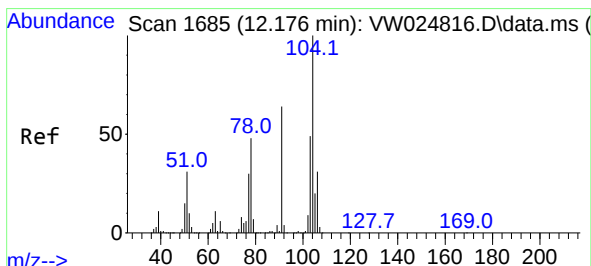
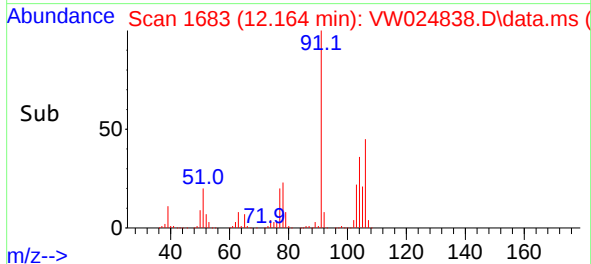
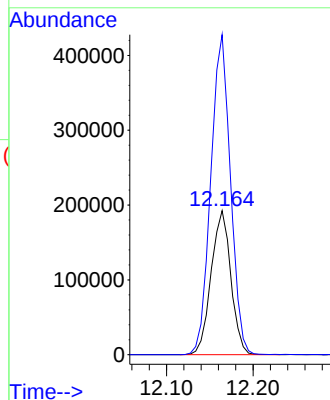
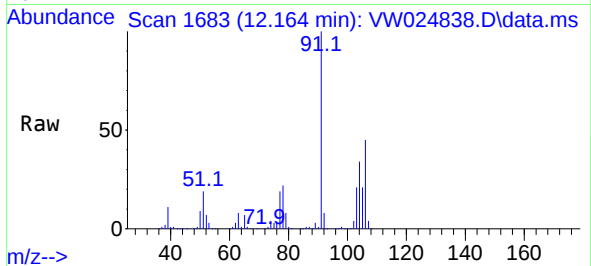




#54
o-Xylene
Concen: 23.846 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

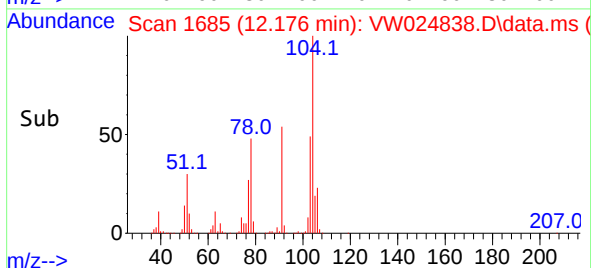
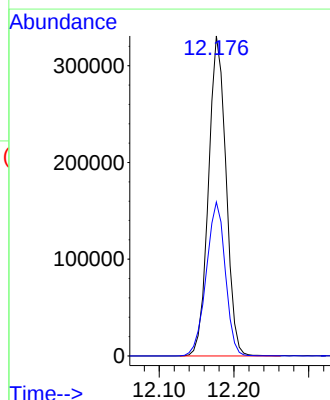
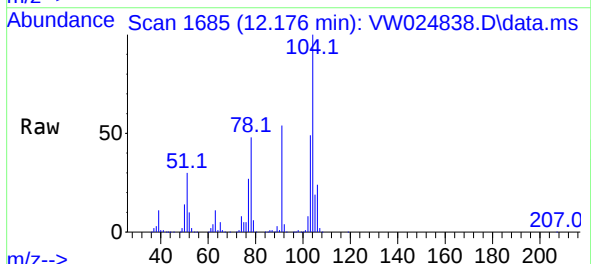
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

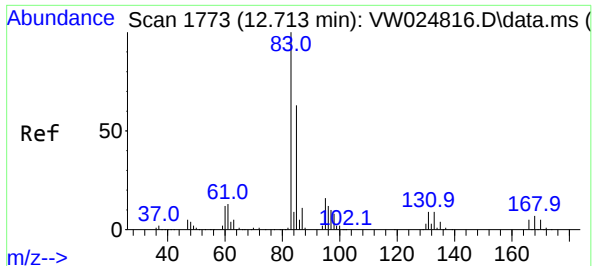
Tgt Ion:106 Resp: 304457
Ion Ratio Lower Upper
106 100
91 222.2 146.3 271.7



#55
Styrene
Concen: 25.004 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion:104 Resp: 538176
Ion Ratio Lower Upper
104 100
78 48.1 33.5 62.1

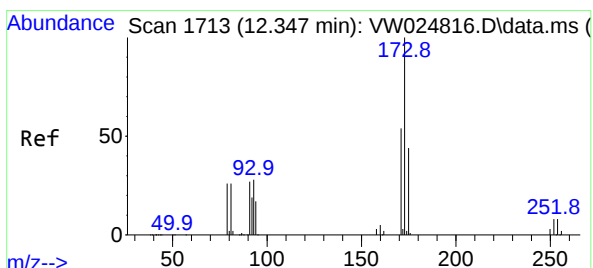
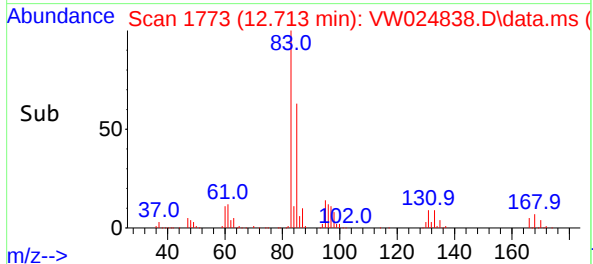
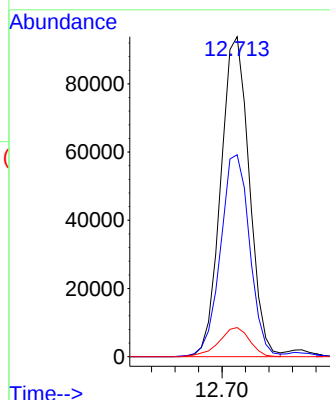
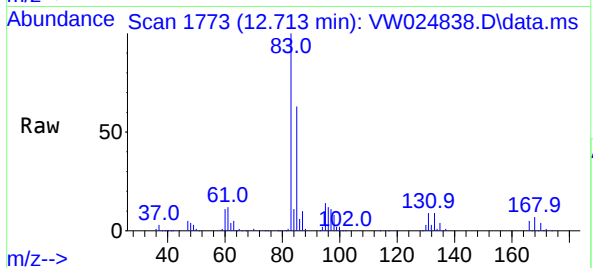




#57
1,1,2-Tetrachloroethane
Concen: 26.275 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

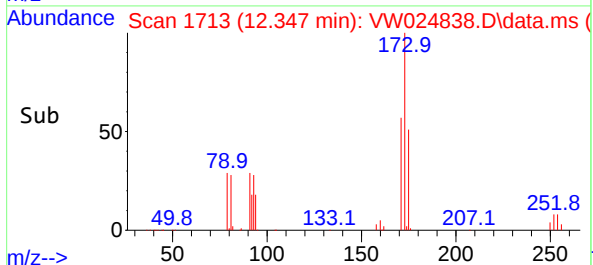
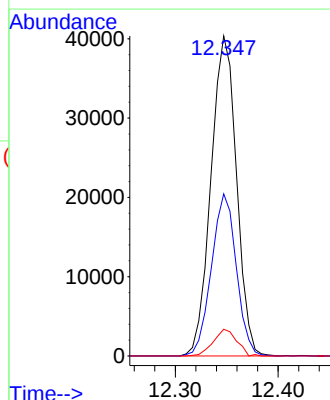
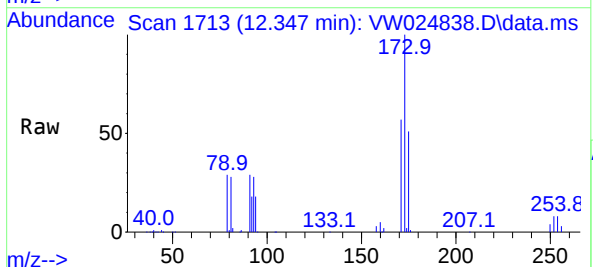
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

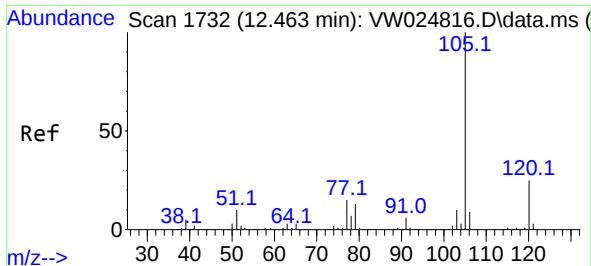
Tgt Ion: 83 Resp: 157913
Ion Ratio Lower Upper
83 100
85 63.1 45.2 84.0
131 9.1 7.3 10.9



#59
Bromoform
Concen: 23.402 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion:173 Resp: 69661
Ion Ratio Lower Upper
173 100
175 49.3 37.7 56.5
254 7.6 6.7 10.1

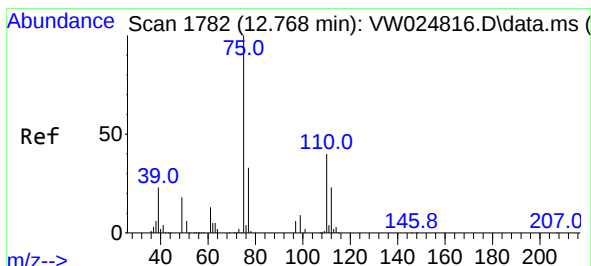
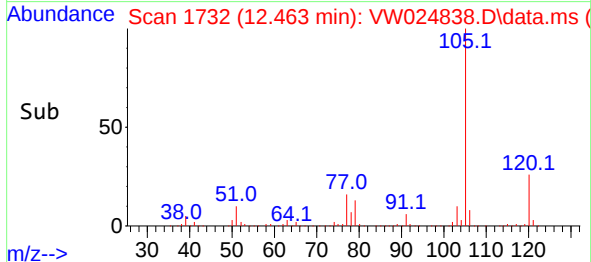
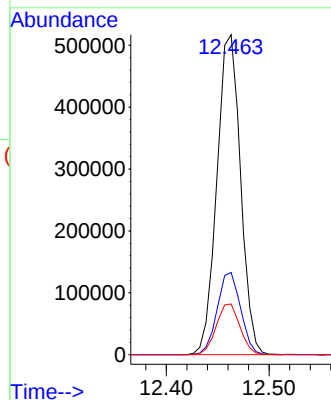
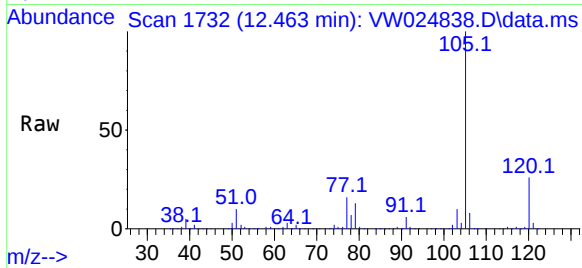




#60
Isopropylbenzene
Concen: 24.088 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

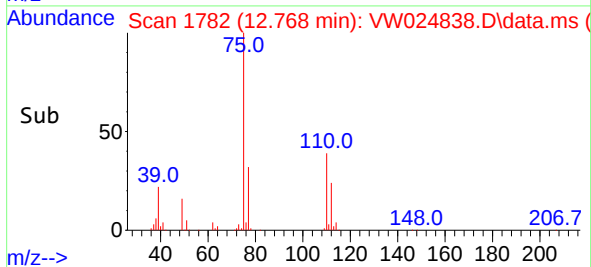
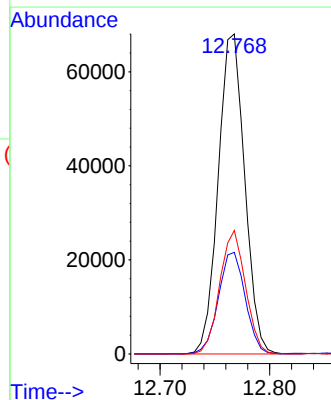
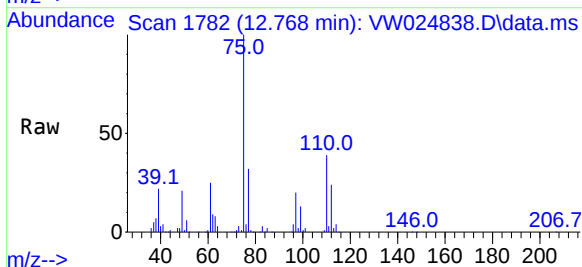
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

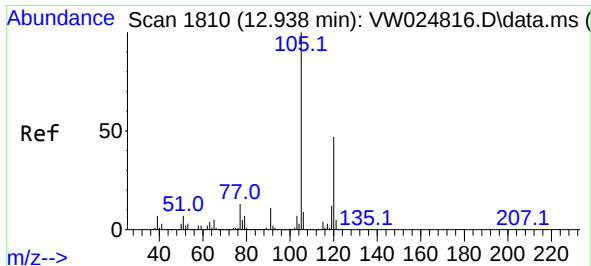
Tgt Ion:105 Resp: 826735
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.172 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 75 Resp: 114184
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 37.5 29.2 43.8

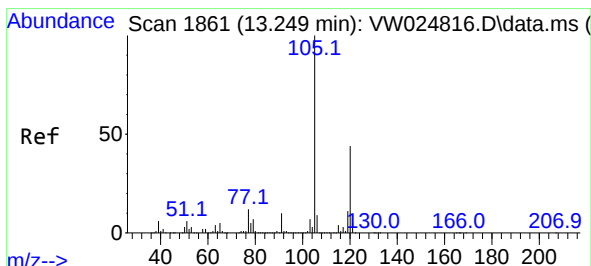
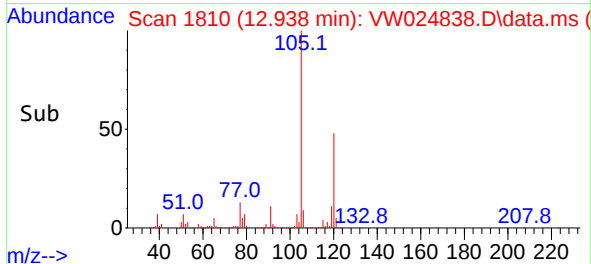
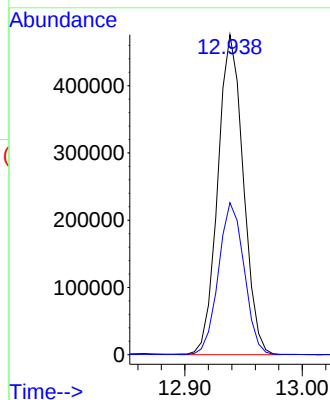
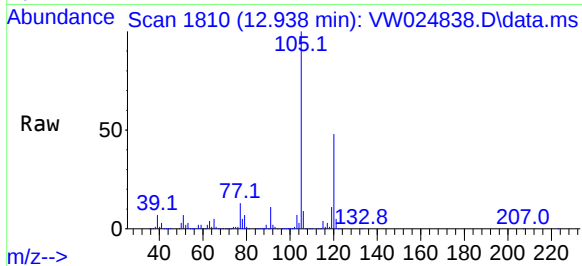




#62
1,3,5-Trimethylbenzene
Concen: 24.047 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

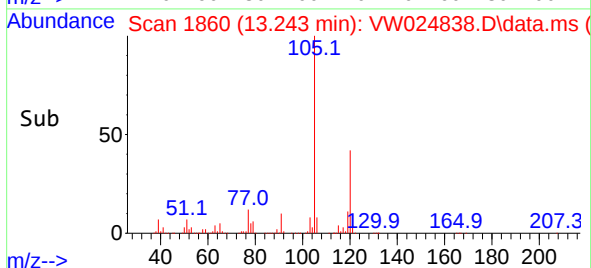
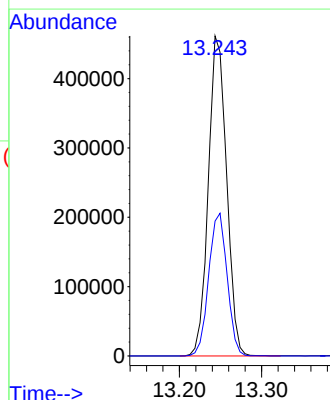
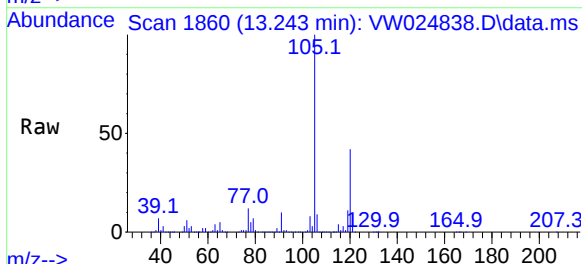
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

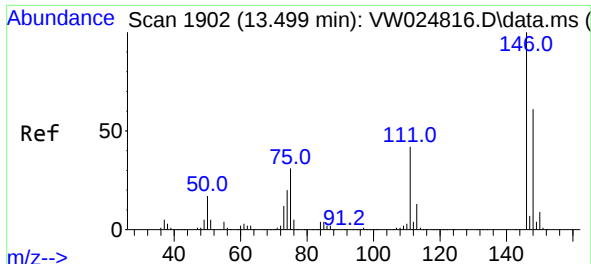
Tgt Ion:105 Resp: 717339
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.352 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion:105 Resp: 711676
Ion Ratio Lower Upper
105 100
120 45.0 35.2 52.8

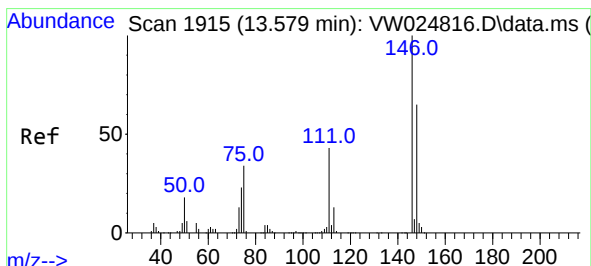
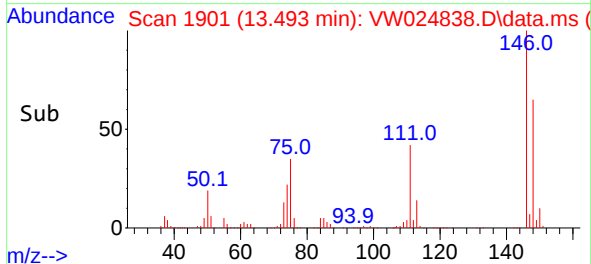
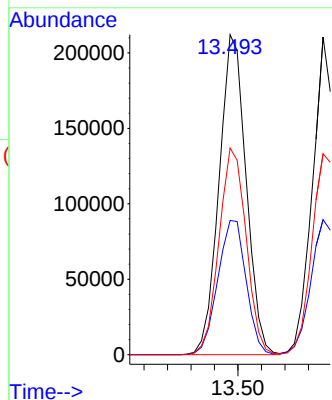
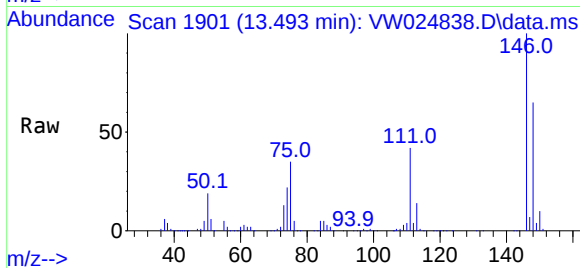




#64
1,3-Dichlorobenzene
Concen: 24.312 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

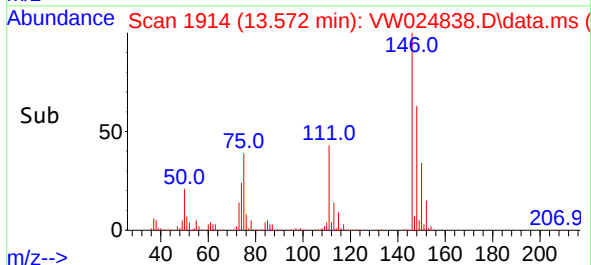
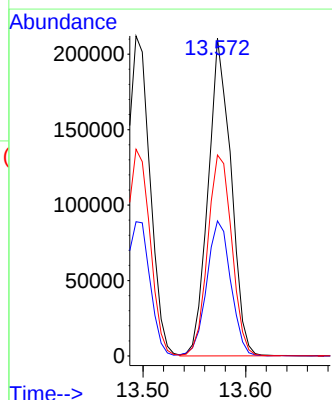
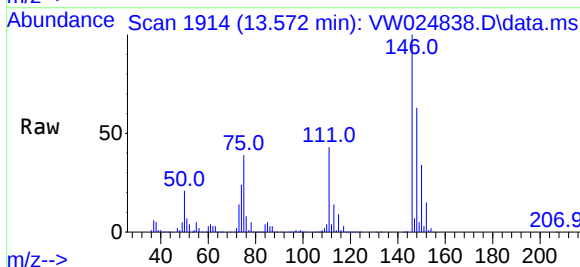
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

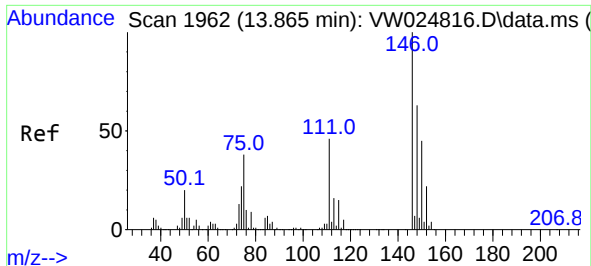
Tgt Ion:146 Resp: 338997
Ion Ratio Lower Upper
146 100
111 41.9 31.6 58.6
148 64.6 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 23.935 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion:146 Resp: 324891
Ion Ratio Lower Upper
146 100
111 42.5 29.4 54.6
148 63.3 39.6 73.6

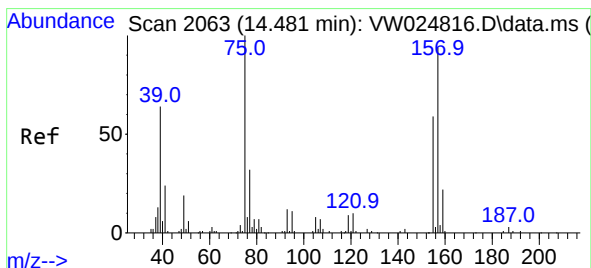
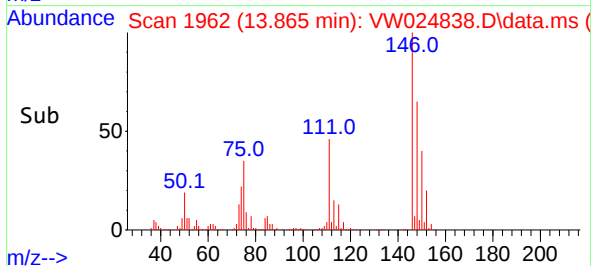
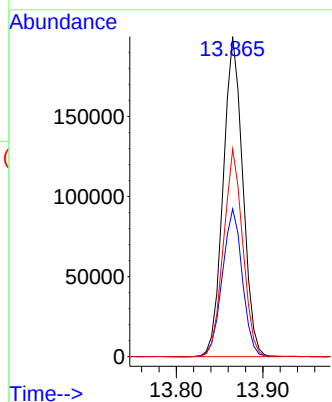
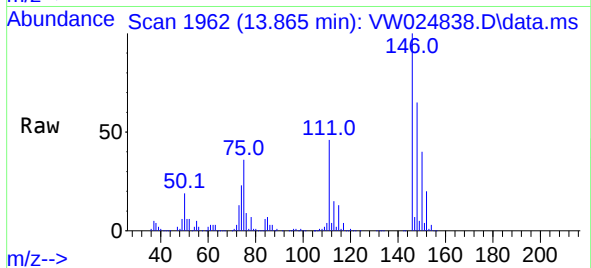




#67
1,2-Dichlorobenzene
Concen: 25.872 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

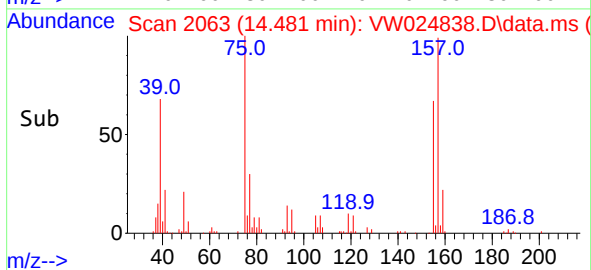
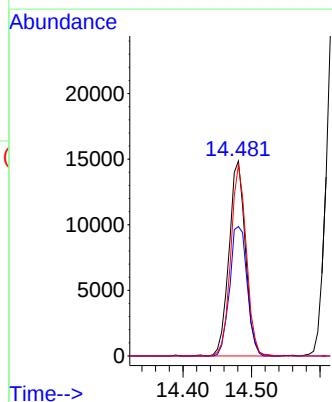
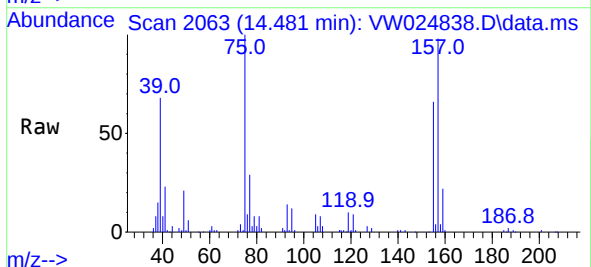
Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Tgt Ion:146 Resp: 314223
Ion Ratio Lower Upper
146 100
111 46.2 37.2 55.8
148 64.9 53.0 79.6

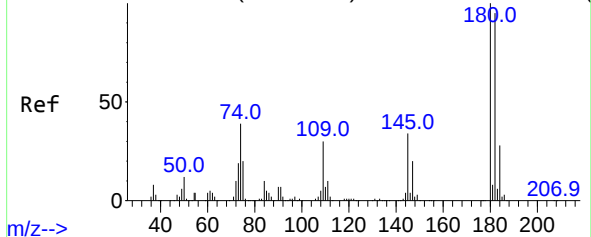


#68
1,2-Dibromo-3-chloropropane
Concen: 22.997 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion: 75 Resp: 24669
Ion Ratio Lower Upper
75 100
155 66.4 57.6 86.4
157 97.9 73.0 109.6

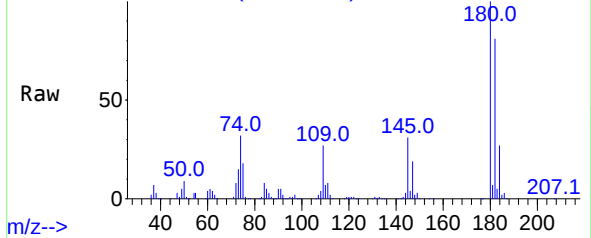


Abundance Scan 2086 (14.621 min): VW024816.D\data.ms (



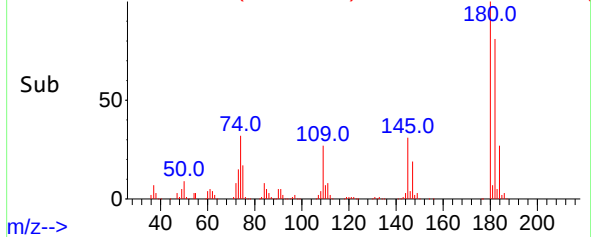
m/z-->

Abundance Scan 2087 (14.627 min): VW024838.D\data.ms



m/z-->

Abundance Scan 2087 (14.627 min): VW024838.D\data.ms (



m/z-->

#69

1,3,5-Trichlorobenzene

Concen: 24.313 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD025593

Tgt Ion:180 Resp: 225102

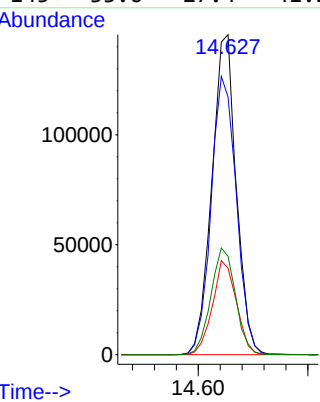
Ion Ratio Lower Upper

180 100

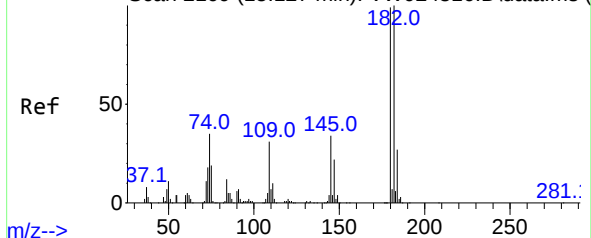
182 90.0 77.1 115.7

184 28.7 23.3 34.9

145 33.6 27.4 41.2

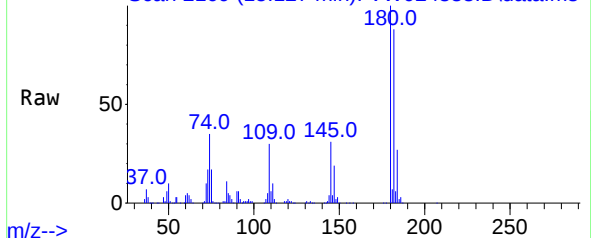


Abundance Scan 2169 (15.127 min): VW024816.D\data.ms (



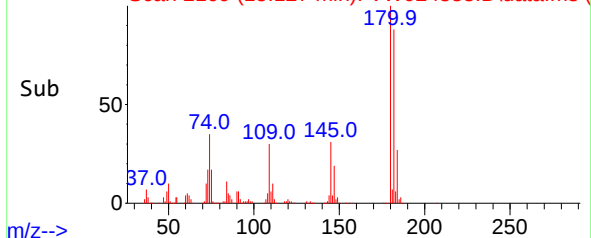
m/z-->

Abundance Scan 2169 (15.127 min): VW024838.D\data.ms



m/z-->

Abundance Scan 2169 (15.127 min): VW024838.D\data.ms (



m/z-->

#70

1,2,4-trichlorobenzene

Concen: 23.780 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024838.D

Acq: 11 Oct 2022 05:01

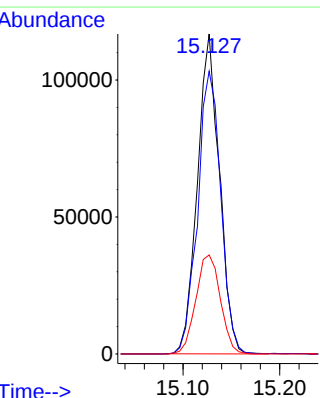
Tgt Ion:180 Resp: 184956

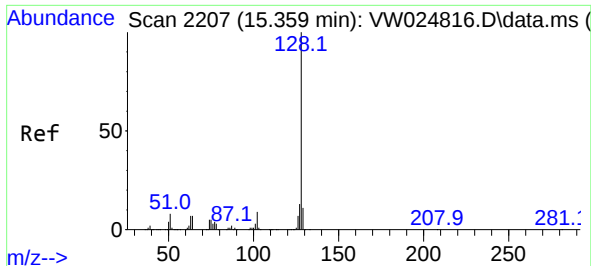
Ion Ratio Lower Upper

180 100

182 92.7 76.8 115.2

145 34.4 29.0 43.4

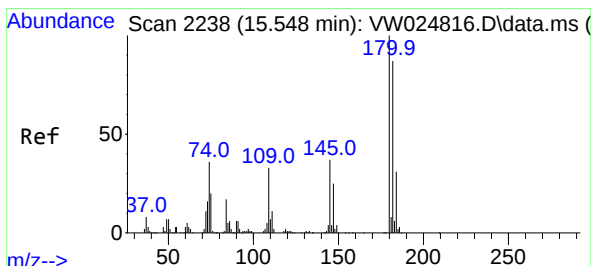
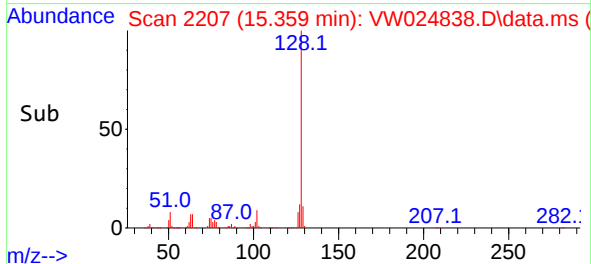
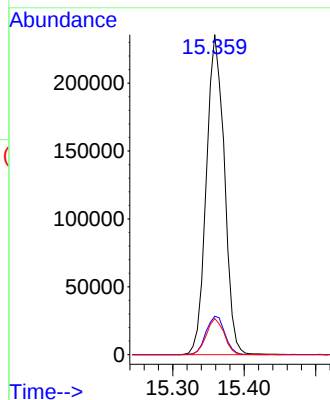
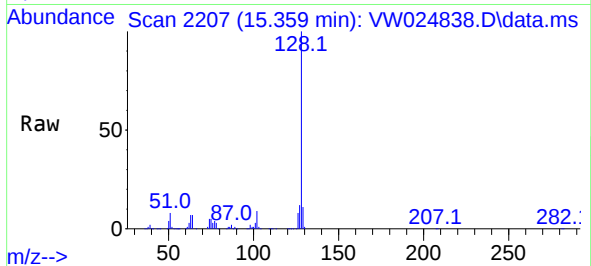




#71
Naphthalene
Concen: 24.330 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Tgt Ion:128 Resp: 412027
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 11.2 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.251 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW024838.D
Acq: 11 Oct 2022 05:01

Tgt Ion:180 Resp: 160532
Ion Ratio Lower Upper
180 100
182 92.8 77.4 116.2
145 36.4 30.6 45.8

