

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100522\
 Data File : VW024726.D
 Acq On : 05 Oct 2022 09:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025584

Quant Time: Oct 06 01:34:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	537073	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	480001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	238358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136329	24.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
7) Chloroethane-d5	2.885	69	80844	24.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.040%
11) 1,1-Dichloroethene-d2	4.025	63	310127	23.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.400%
21) 2-Butanone-d5	7.074	46	110100	54.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.000%
24) Chloroform-d	7.647	84	355069	24.730	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	8.305	65	182643	24.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	8.275	84	705528	22.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.274	67	224137	23.911	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.323	98	603429	22.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.040%
43) trans-1,3-Dichloroprop...	10.573	79	87659	20.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.000%
47) 2-Hexanone-d5	10.920	63	84291	52.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	182326	27.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.847	152	203645	24.279	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	68986	20.922	ug/L	90
3) Chloromethane	2.215	50	133755	20.830	ug/L	97
5) Vinyl chloride	2.361	62	206468	31.273	ug/L	99
6) Bromomethane	2.776	94	96412	31.642	ug/L	100
8) Chloroethane	2.922	64	81981	29.454	ug/L	98
9) Trichlorofluoromethane	2.357	101	94691	25.637	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	207288	29.425	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	197410	28.097	ug/L	87
13) Acetone	4.123	43	85429	57.958	ug/L	99
14) Carbon disulfide	4.385	76	623930	28.130	ug/L	99
15) Methyl Acetate	4.672	43	92888	28.460	ug/L	100
16) Methylene chloride	4.921	84	224359	21.271	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	214467	27.167	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	325095	25.973	ug/L	100
19) 1,1-Dichloroethane	6.214	63	399816	27.071	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	230270	27.186	ug/L	99
22) 2-Butanone	7.171	43	130492	55.349	ug/L	99
23) Bromochloromethane	7.512	128	94882	27.561	ug/L	97
25) Chloroform	7.671	83	385940	27.557	ug/L	99

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 Response via : Initial Calibration

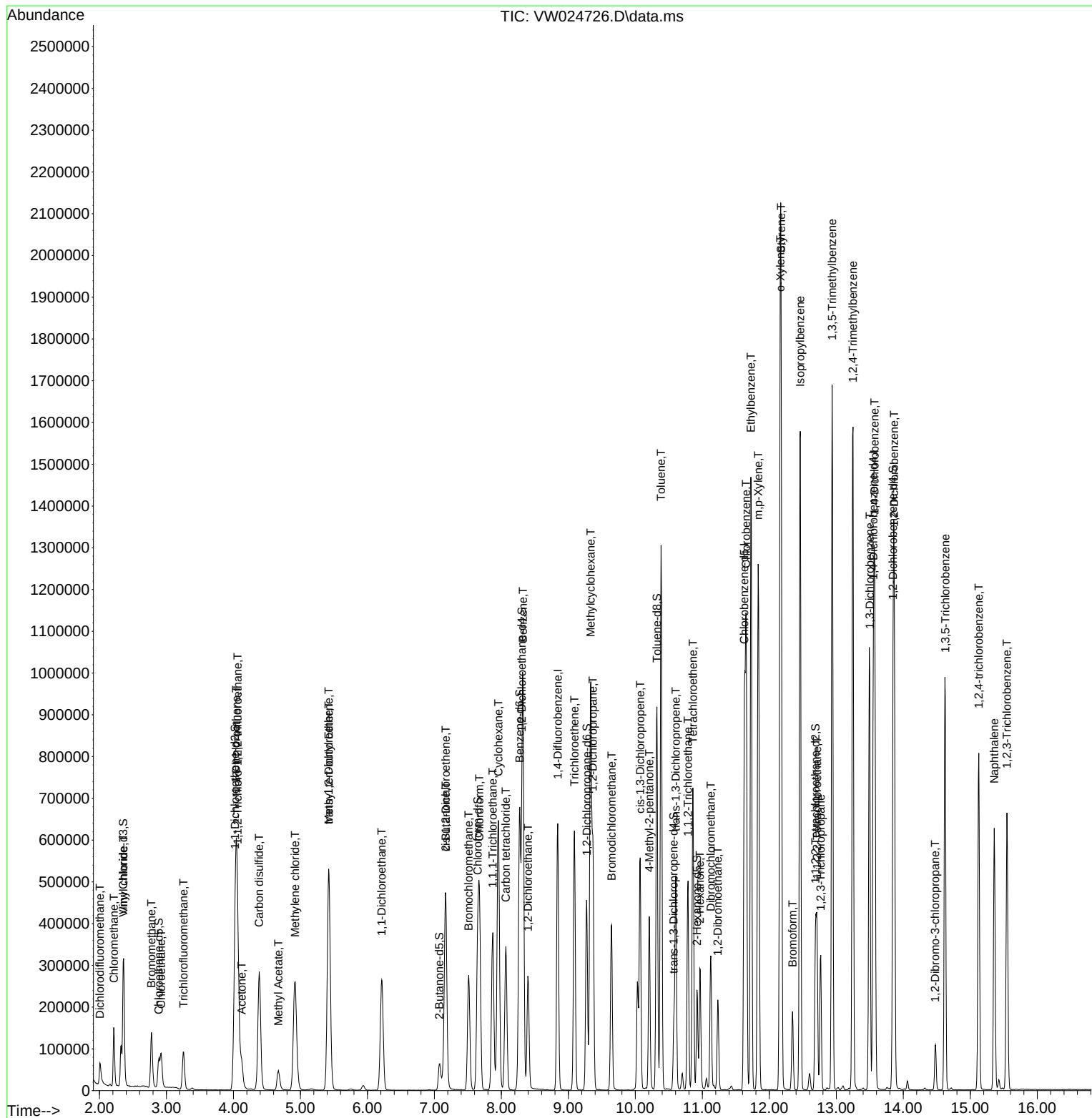
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	247318	28.064	ug/L	100
29) Cyclohexane	7.958	56	392638	26.263	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	305524	26.304	ug/L	99
31) Carbon tetrachloride	8.067	117	255182	25.944	ug/L	98
33) Benzene	8.323	78	901193	26.825	ug/L	100
34) Trichloroethene	9.091	95	227724	26.743	ug/L	100
35) Methylcyclohexane	9.335	83	417544	26.749	ug/L	99
37) 1,2-Dichloropropane	9.366	63	227327	27.409	ug/L	99
38) Bromodichloromethane	9.646	83	276160	27.069	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	339954	25.920	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	268972	54.789	ug/L	99
42) Toluene	10.384	91	933500	26.907	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	281912	25.071	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	158923	28.053	ug/L	97
46) Tetrachloroethene	10.859	164	152225	26.311	ug/L	92
48) 2-Hexanone	10.963	43	184301	55.518	ug/L	97
49) Dibromochloromethane	11.128	129	173466	27.192	ug/L	98
50) 1,2-Dibromoethane	11.231	107	147715	27.547	ug/L	99
51) Chlorobenzene	11.652	112	574517	27.046	ug/L	99
52) Ethylbenzene	11.725	91	1046465	27.384	ug/L	99
53) m,p-Xylene	11.835	106	404521	27.109	ug/L	100
54) o-Xylene	12.164	106	385750	27.374	ug/L	93
55) Styrene	12.176	104	661745	27.857	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	192337	28.996	ug/L	100
59) Bromoform	12.347	173	82659	24.533	ug/L	99
60) Isopropylbenzene	12.463	105	1058251	27.240	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	139586	27.186	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	906151	26.837	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	897798	27.142	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	424625	26.905	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	411098	26.757	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	382290	27.809	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.475	75	30674	25.263	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	285568	27.251	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	237629	26.992	ug/L	97
71) Naphthalene	15.359	128	508531	26.529	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	203302	27.134	ug/L	98

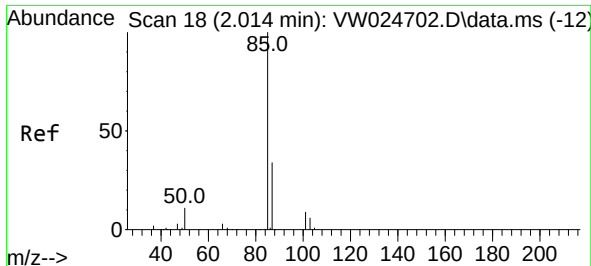
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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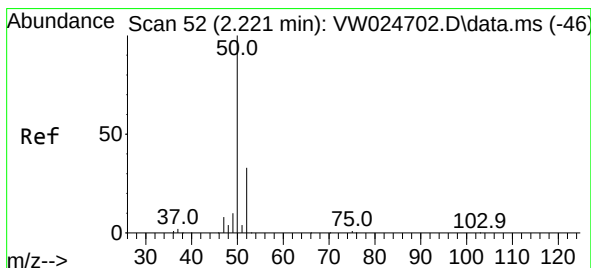
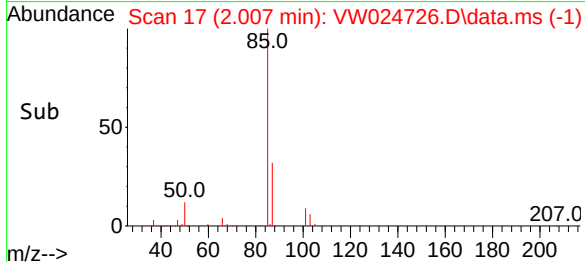
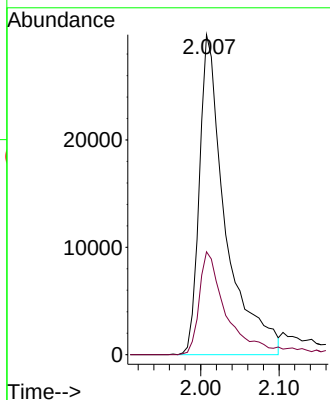
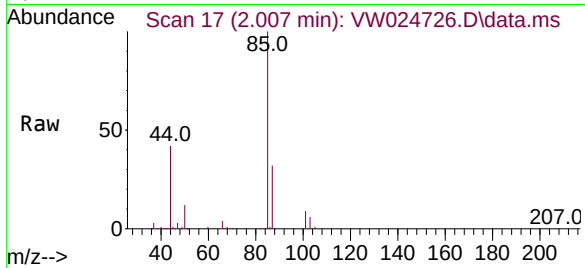




#2
Dichlorodifluoromethane
Concen: 20.922 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

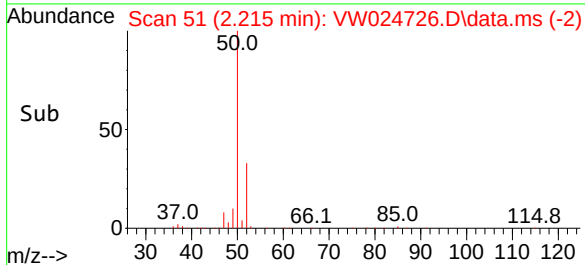
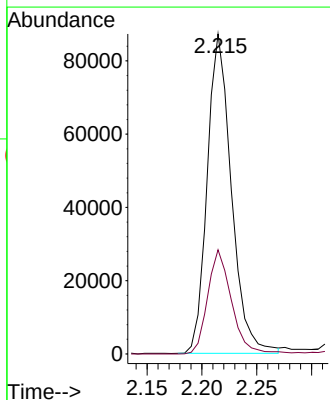
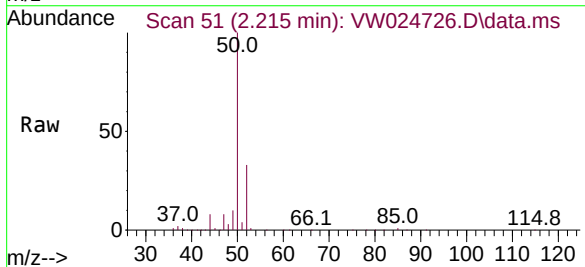
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

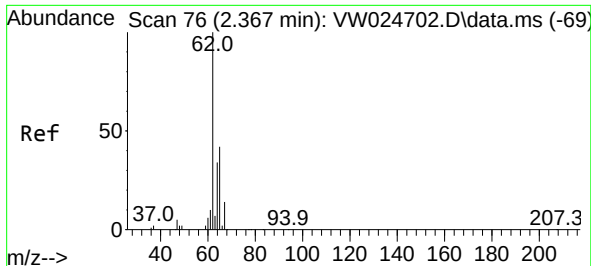
Tgt Ion: 85 Resp: 68986
Ion Ratio Lower Upper
85 100
87 30.1 28.8 43.2



#3
Chloromethane
Concen: 20.830 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 50 Resp: 133755
Ion Ratio Lower Upper
50 100
52 32.5 21.7 40.3

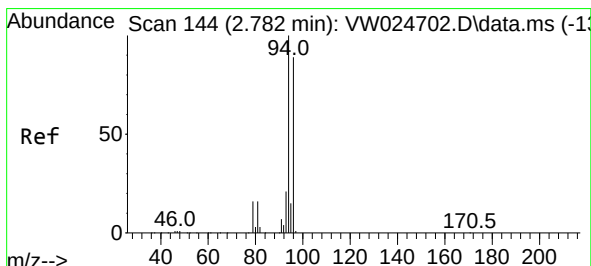
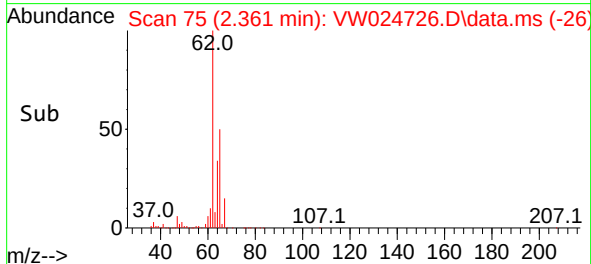
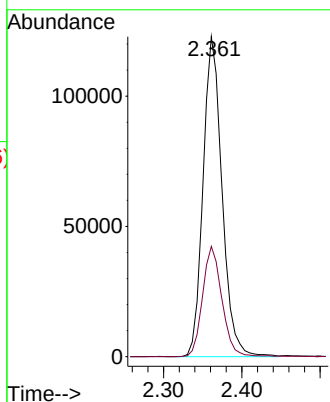
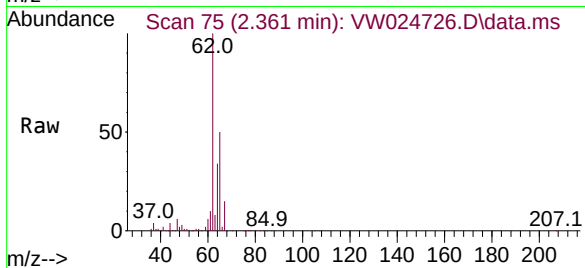




#5
 Vinyl chloride
 Concen: 31.273 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024726.D
 Acq: 05 Oct 2022 09:18

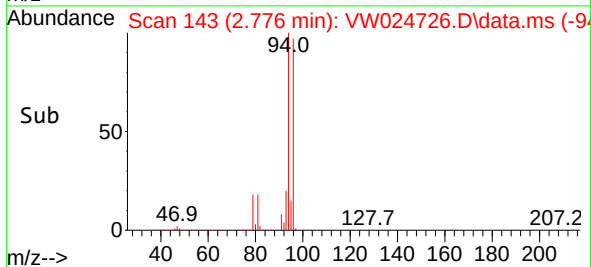
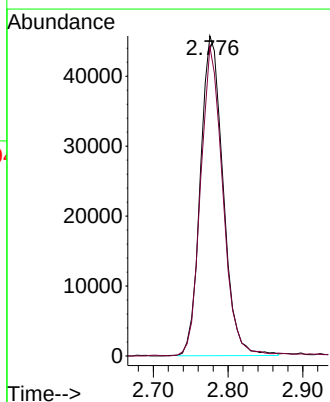
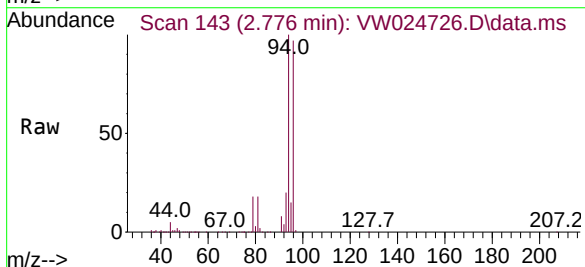
Instrument :
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 ClientSampleId :
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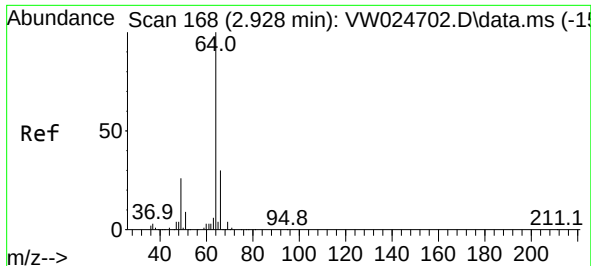
Tgt Ion: 62 Resp: 206468
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.4 45.2



#6
 Bromomethane
 Concen: 31.642 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW024726.D
 Acq: 05 Oct 2022 09:18

Tgt Ion: 94 Resp: 96412
 Ion Ratio Lower Upper
 94 100
 96 96.6 68.0 126.2

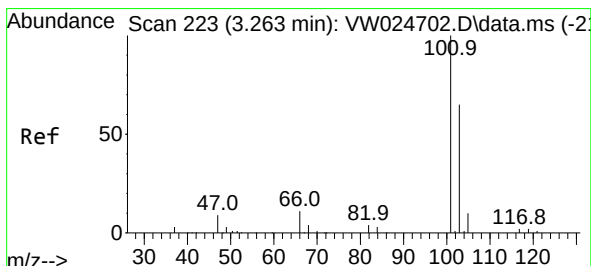
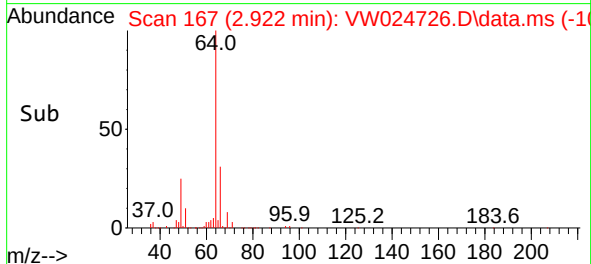
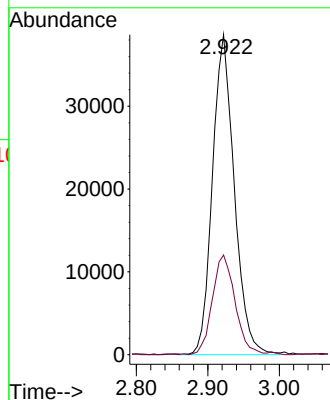
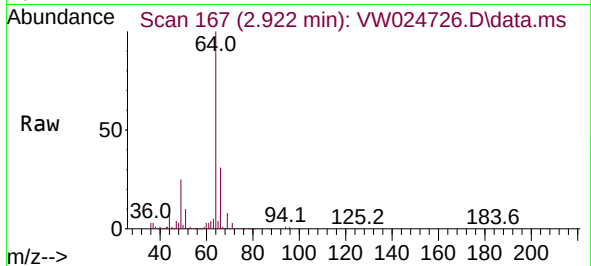




#8
Chloroethane
Concen: 29.454 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

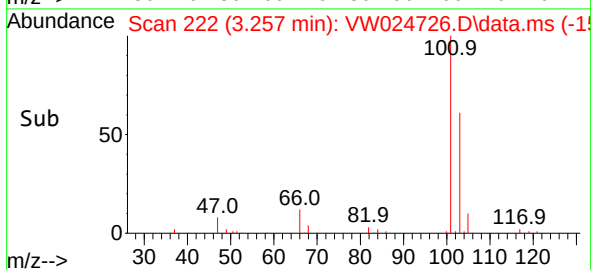
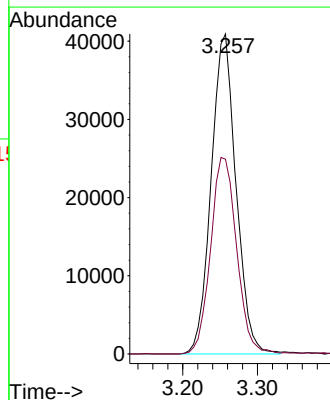
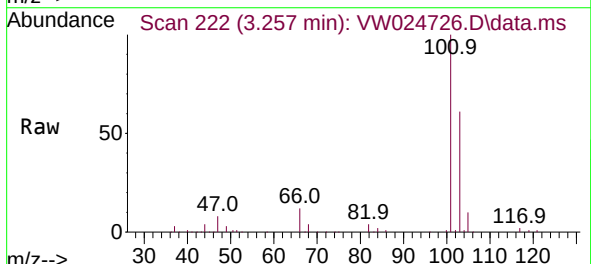
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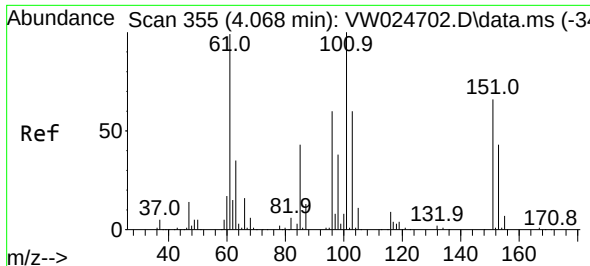
Tgt Ion: 64 Resp: 81981
Ion Ratio Lower Upper
64 100
66 31.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 25.637 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 101 Resp: 94691
Ion Ratio Lower Upper
101 100
103 64.3 53.4 80.2

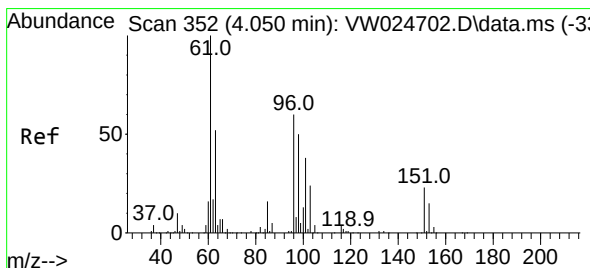
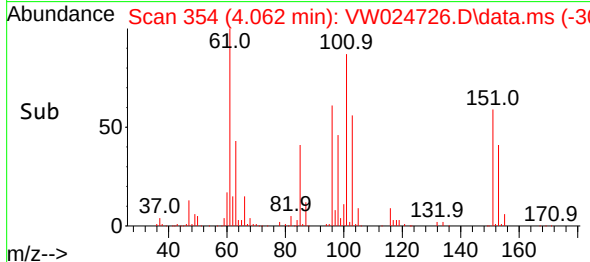
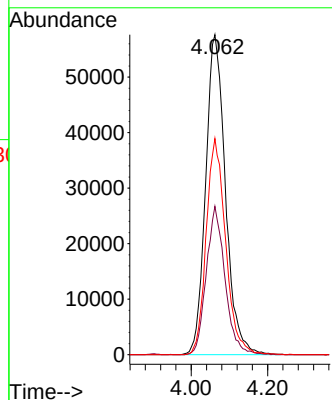
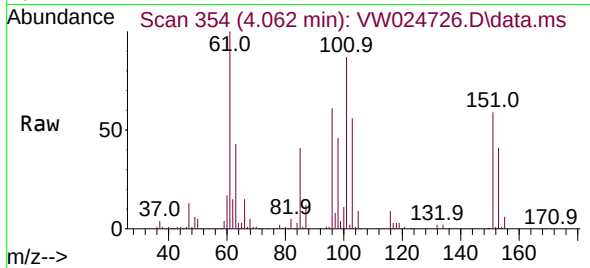




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.425 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024726.D
 Acq: 05 Oct 2022 09:18

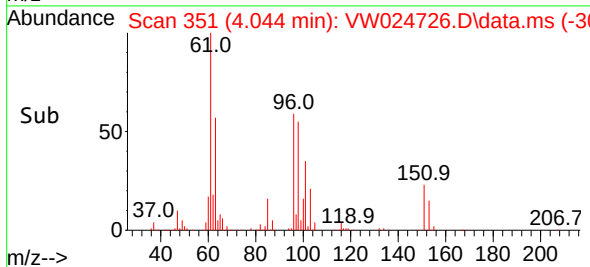
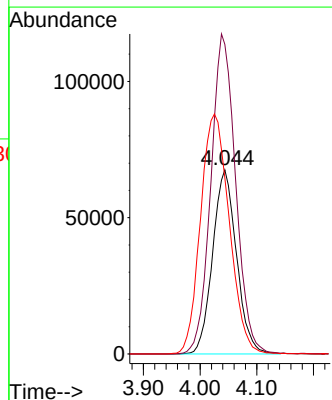
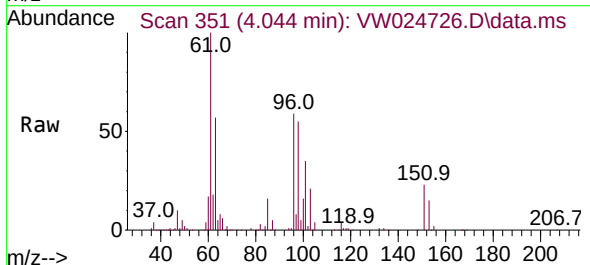
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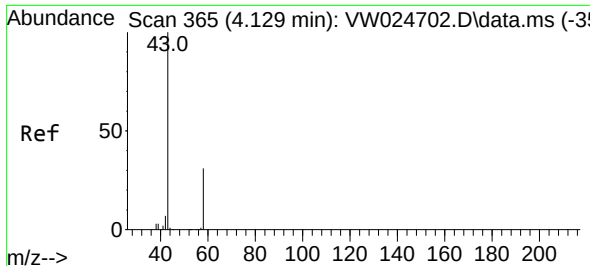
Tgt Ion:101 Resp: 207288
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.9 52.3
 151 66.0 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 28.097 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024726.D
 Acq: 05 Oct 2022 09:18

Tgt Ion: 96 Resp: 197410
 Ion Ratio Lower Upper
 96 100
 61 168.1 124.5 231.1
 63 95.6 84.1 156.1





#13

Acetone

Concen: 57.958 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

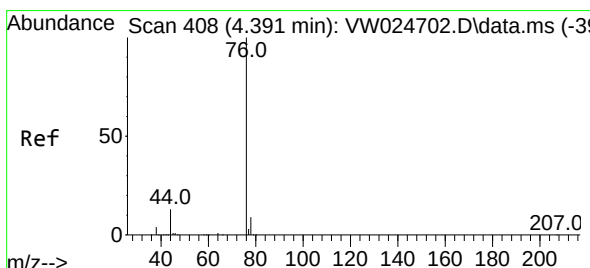
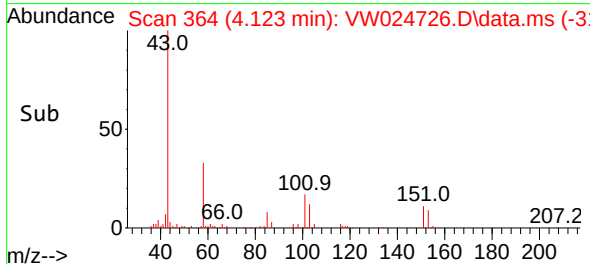
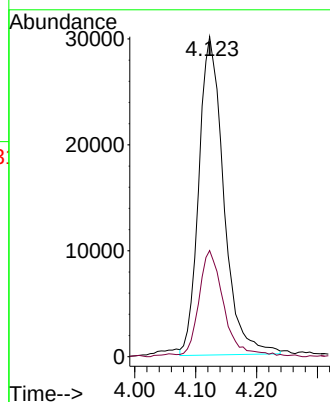
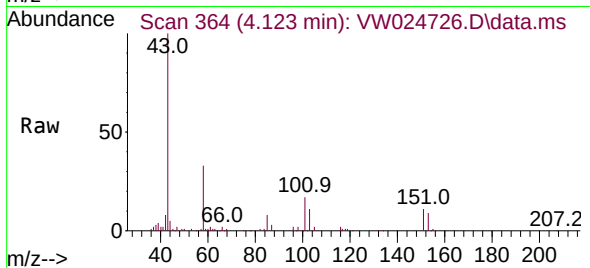
VSTD025584

Tgt Ion: 43 Resp: 85429

Ion Ratio Lower Upper

43 100

58 33.3 0.0 67.6



#14

Carbon disulfide

Concen: 28.130 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW024726.D

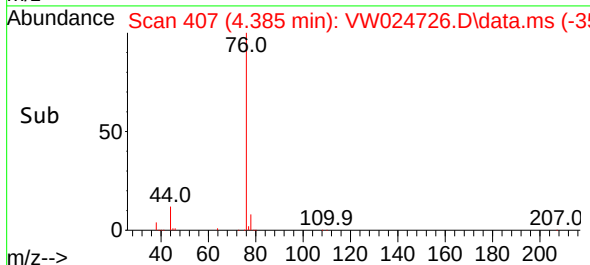
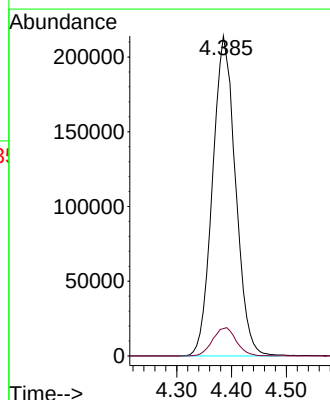
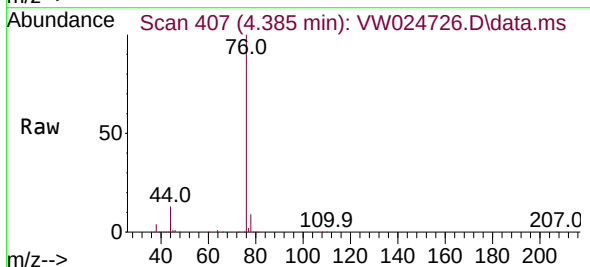
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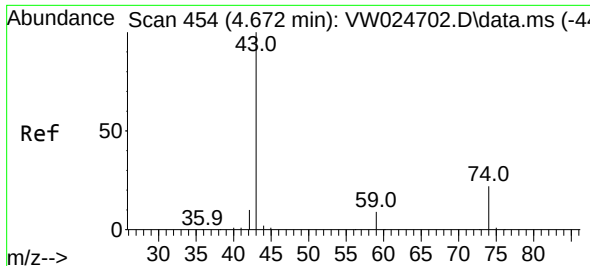
Tgt Ion: 76 Resp: 623930

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8

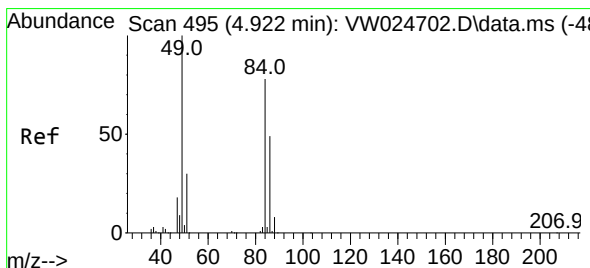
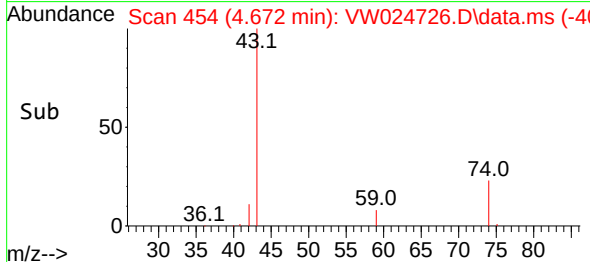
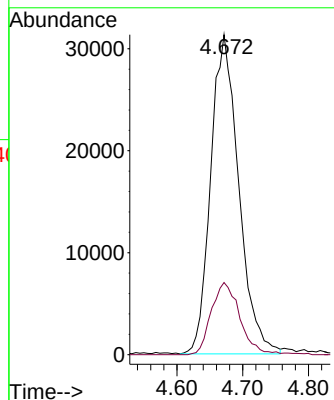
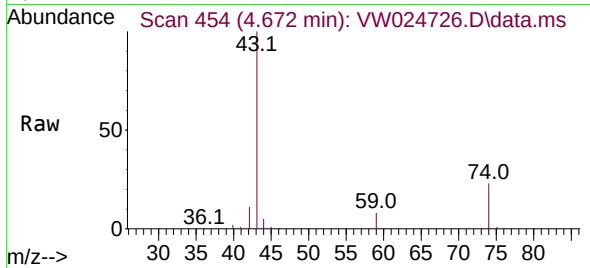




#15
Methyl Acetate
Concen: 28.460 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

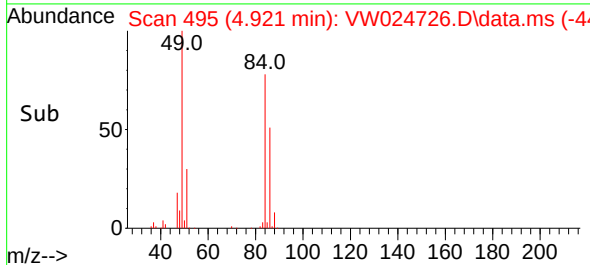
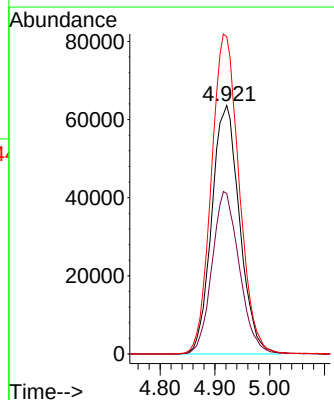
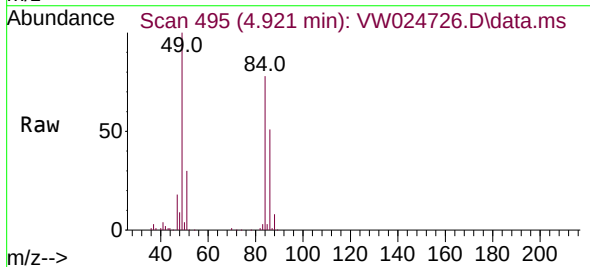
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

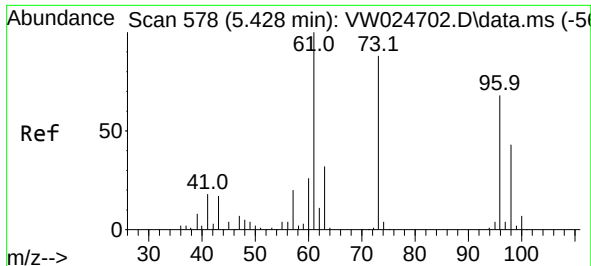
Tgt Ion: 43 Resp: 92888
Ion Ratio Lower Upper
43 100
74 22.8 18.1 27.1



#16
Methylene chloride
Concen: 21.271 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 84 Resp: 224359
Ion Ratio Lower Upper
84 100
86 64.6 44.0 81.8
49 127.6 87.4 162.2





#17

trans-1,2-Dichloroethene

Concen: 27.167 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

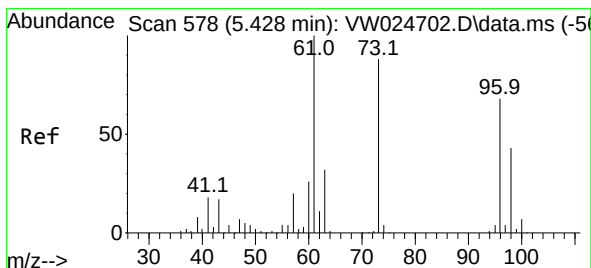
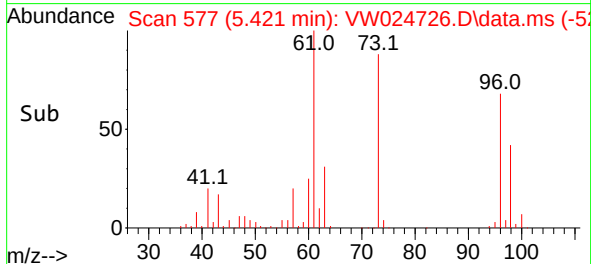
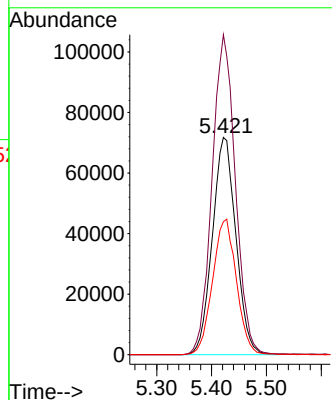
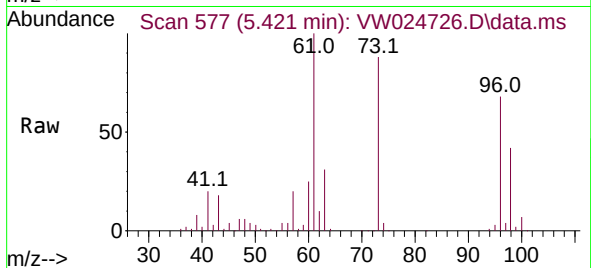
Tgt Ion: 96 Resp: 214467

Ion Ratio Lower Upper

96 100

61 147.3 106.3 197.5

98 61.2 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 25.973 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

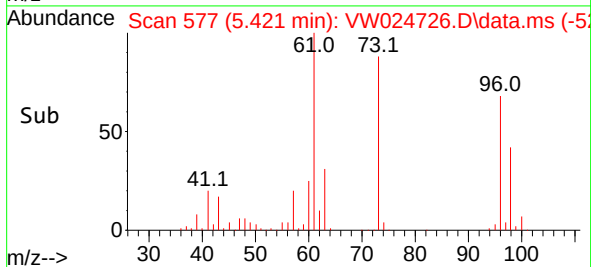
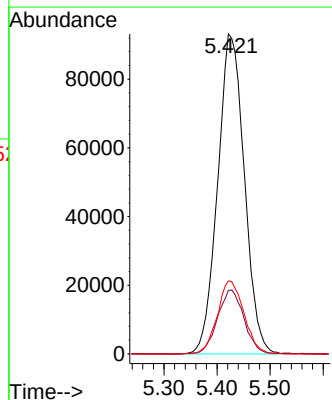
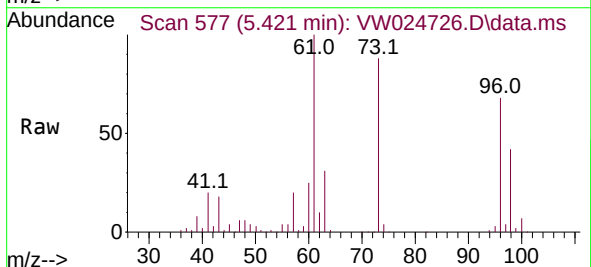
Tgt Ion: 73 Resp: 325095

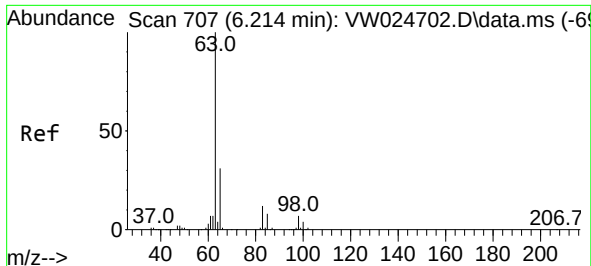
Ion Ratio Lower Upper

73 100

43 19.7 15.6 23.4

57 22.8 18.3 27.5





#19

1,1-Dichloroethane

Concen: 27.071 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

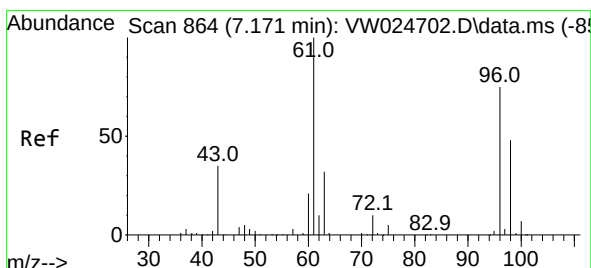
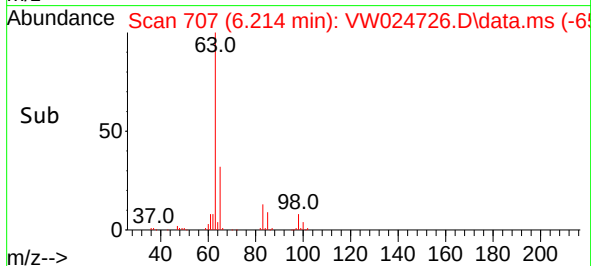
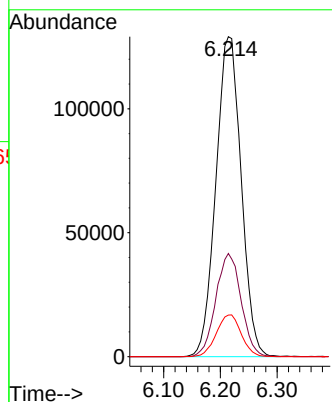
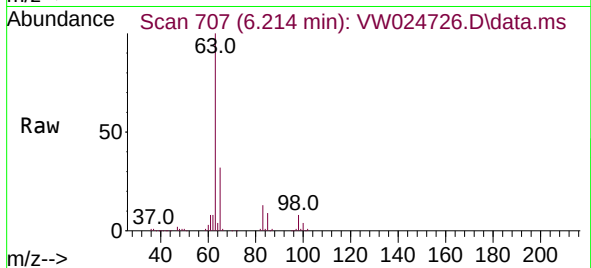
Tgt Ion: 63 Resp: 399816

Ion Ratio Lower Upper

63 100

65 32.3 23.7 43.9

83 13.0 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 27.186 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

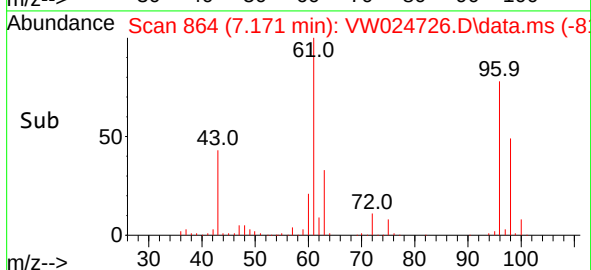
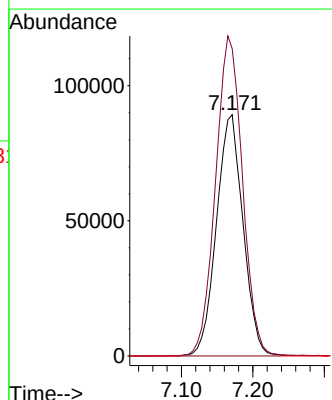
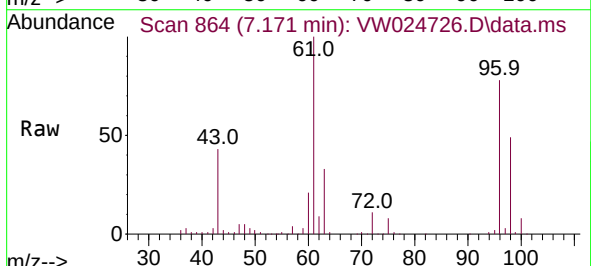
Tgt Ion: 96 Resp: 230270

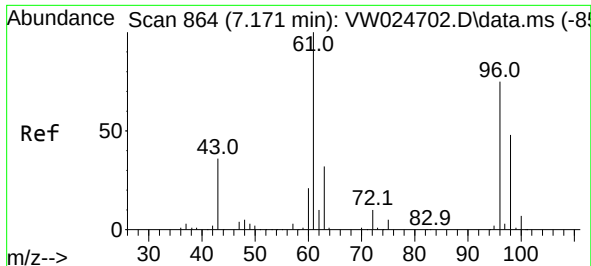
Ion Ratio Lower Upper

96 100

61 127.4 90.2 167.4

68 0.0 0.0 0.0

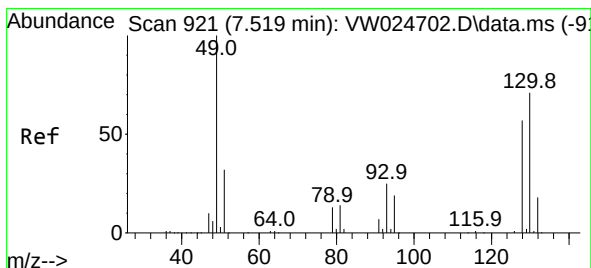
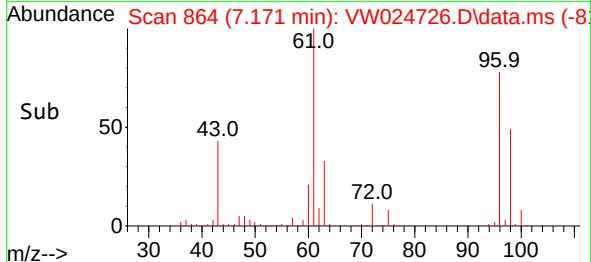
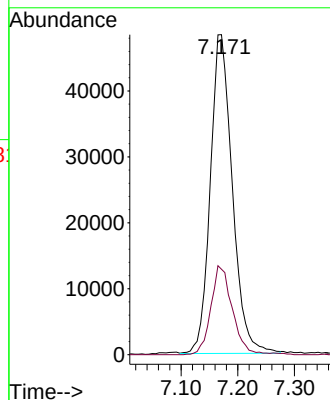
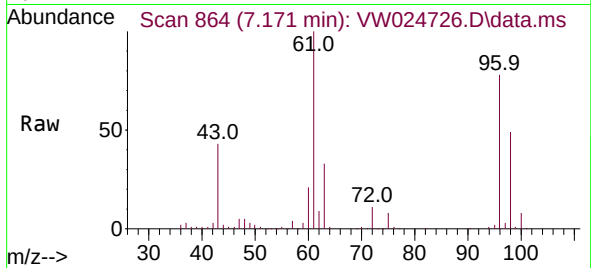




#22
2-Butanone
Concen: 55.349 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

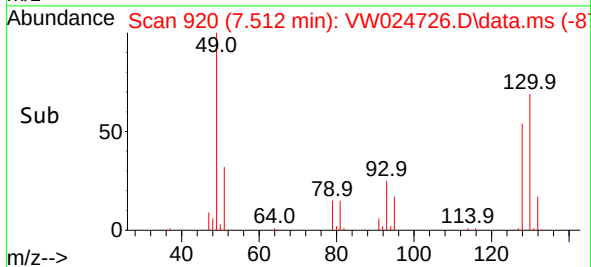
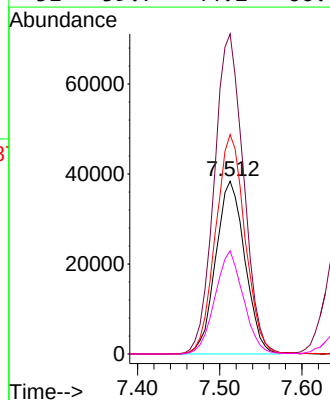
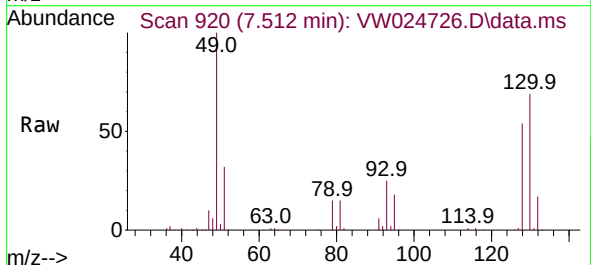
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

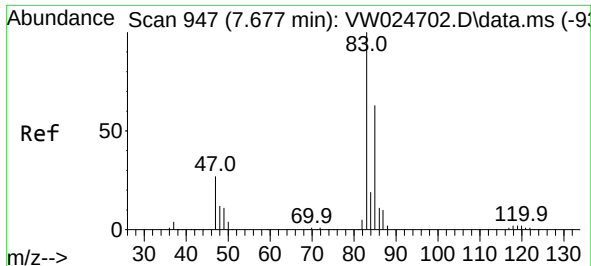
Tgt Ion: 43 Resp: 130492
Ion Ratio Lower Upper
43 100
72 27.0 13.8 41.3



#23
Bromochloromethane
Concen: 27.561 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 128 Resp: 94882
Ion Ratio Lower Upper
128 100
49 185.3 127.3 236.3
130 127.0 90.2 167.4
51 59.7 44.2 66.4

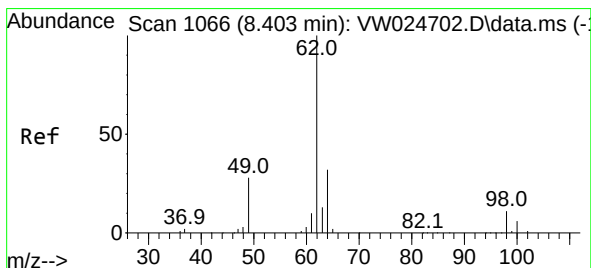
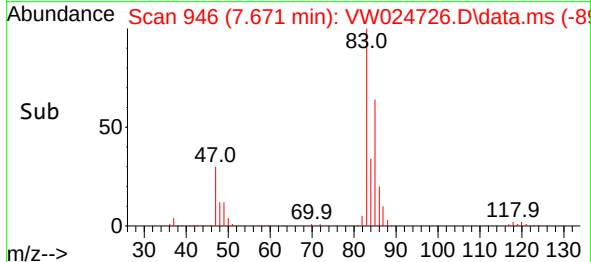
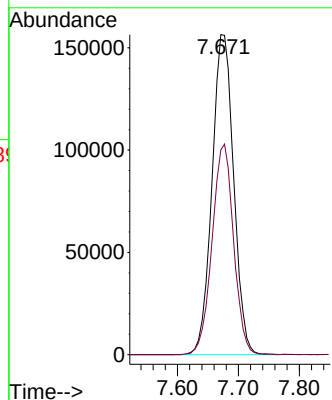
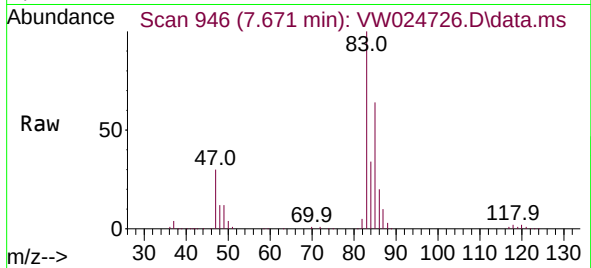




#25
Chloroform
Concen: 27.557 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

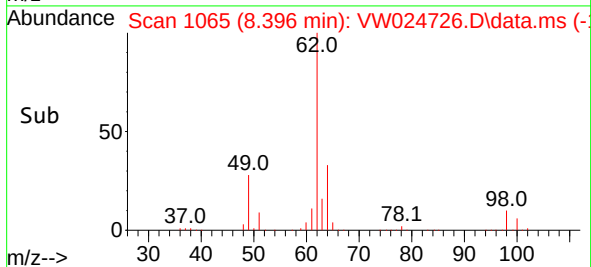
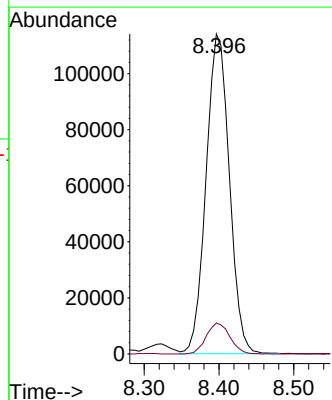
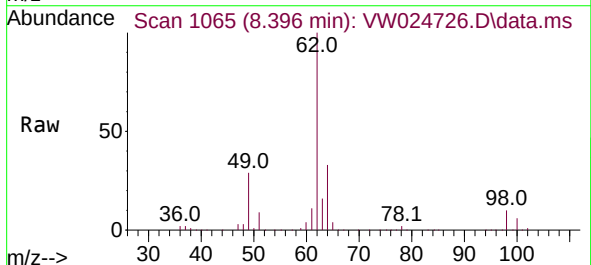
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

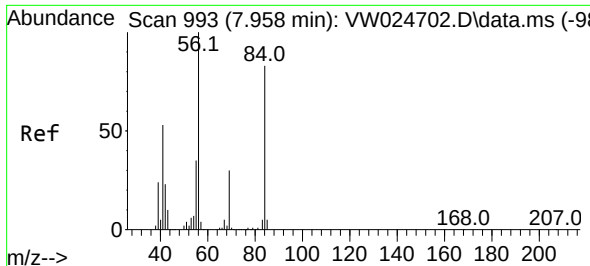
Tgt Ion: 83 Resp: 385940
Ion Ratio Lower Upper
83 100
85 64.0 44.0 81.8



#27
1,2-Dichloroethane
Concen: 28.064 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 62 Resp: 247318
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8





#29

Cyclohexane

Concen: 26.263 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

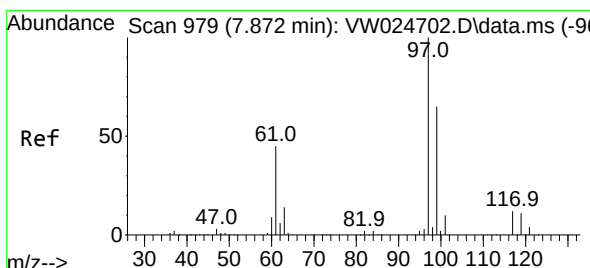
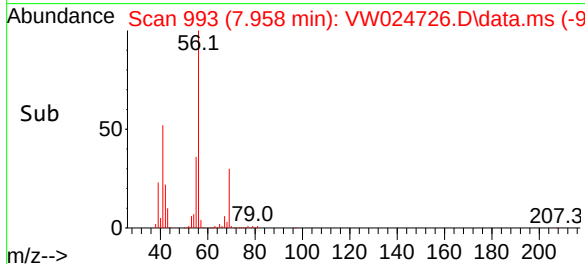
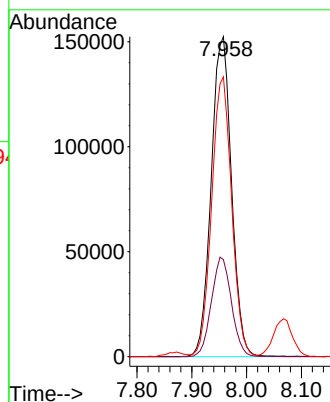
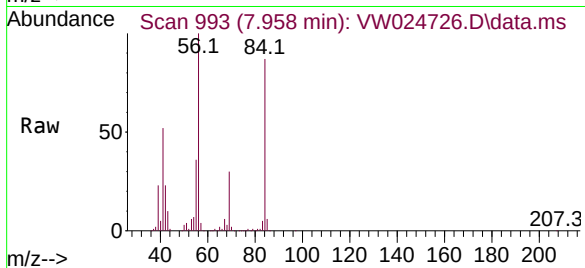
Tgt Ion: 56 Resp: 392638

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

84 86.0 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 26.304 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

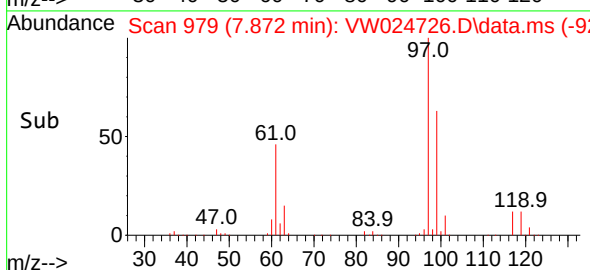
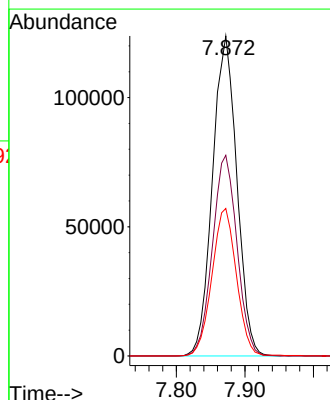
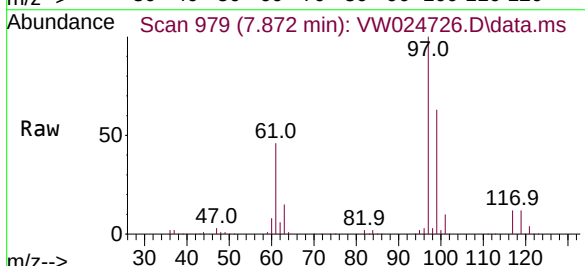
Tgt Ion: 97 Resp: 305524

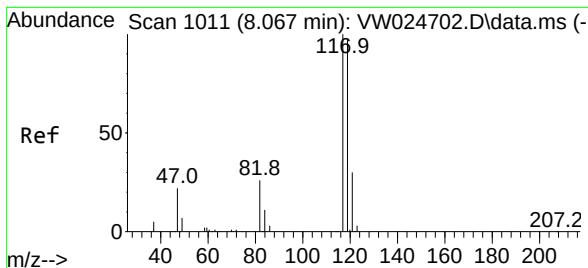
Ion Ratio Lower Upper

97 100

99 63.3 51.1 76.7

61 46.2 35.8 53.6

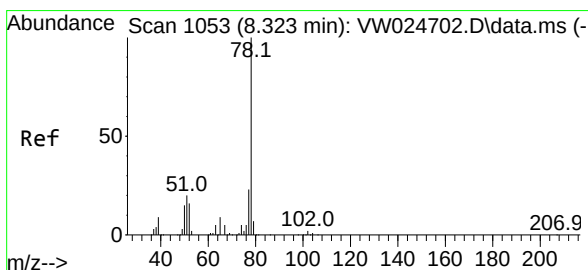
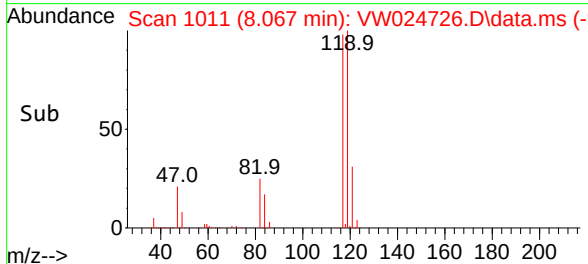
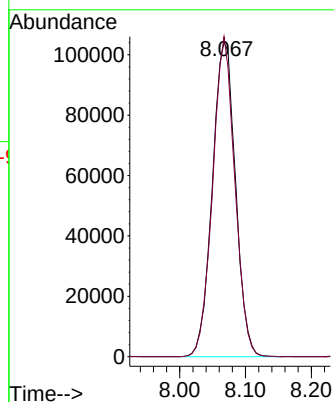
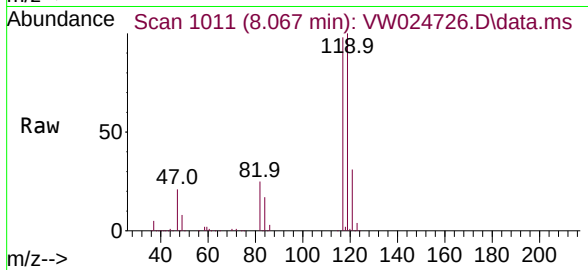




#31
Carbon tetrachloride
Concen: 25.944 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

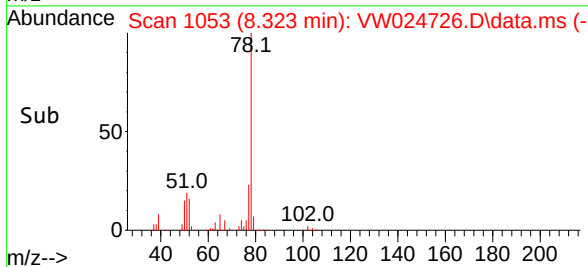
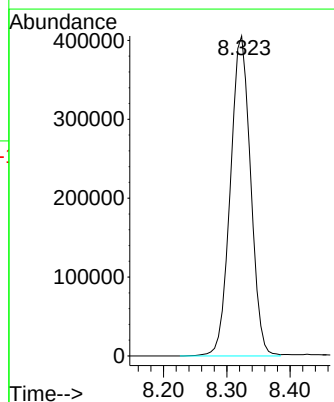
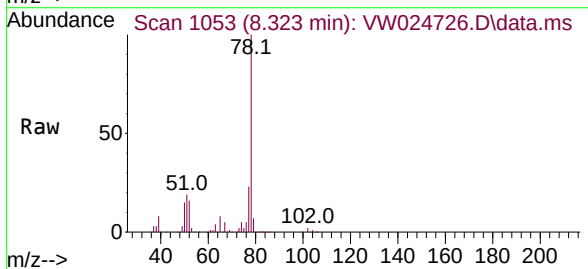
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

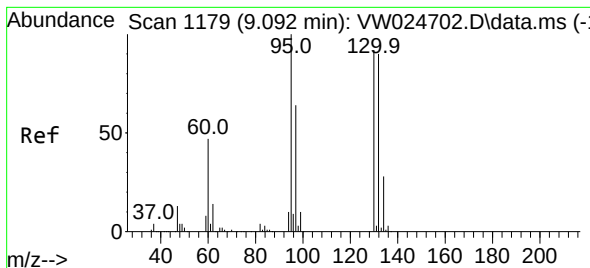
Tgt Ion:117 Resp: 255182
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2



#33
Benzene
Concen: 26.825 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 78 Resp: 901193





#34

Trichloroethene

Concen: 26.743 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

Tgt Ion: 95 Resp: 227724

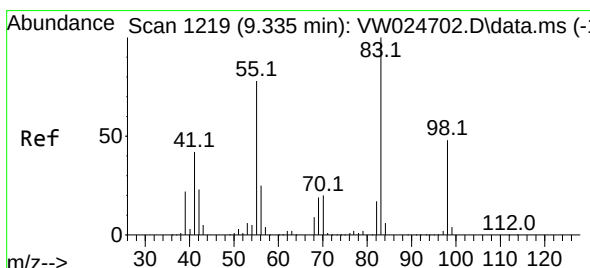
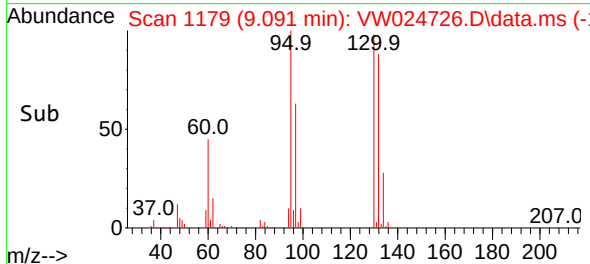
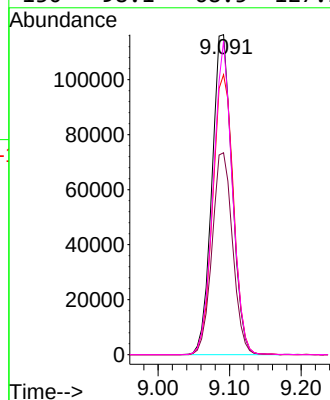
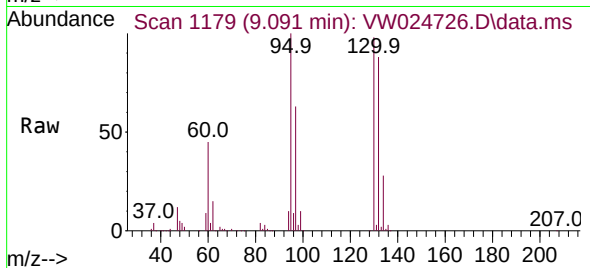
Ion Ratio Lower Upper

95 100

97 63.1 43.5 80.9

132 87.5 61.2 113.8

130 98.1 68.5 127.1



#35

Methylcyclohexane

Concen: 26.749 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

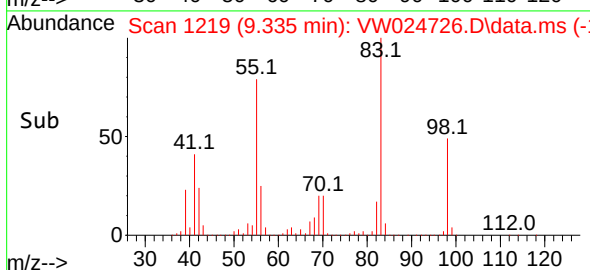
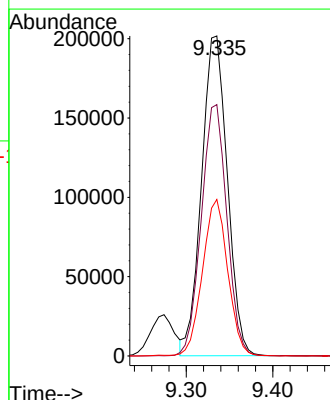
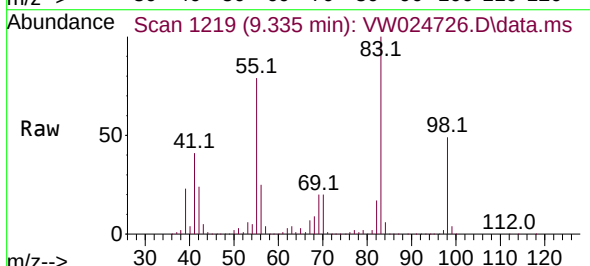
Tgt Ion: 83 Resp: 417544

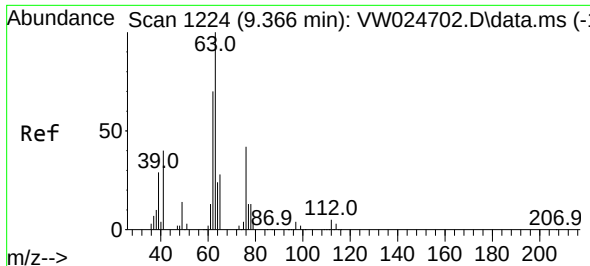
Ion Ratio Lower Upper

83 100

55 77.7 63.1 94.7

98 48.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 27.409 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

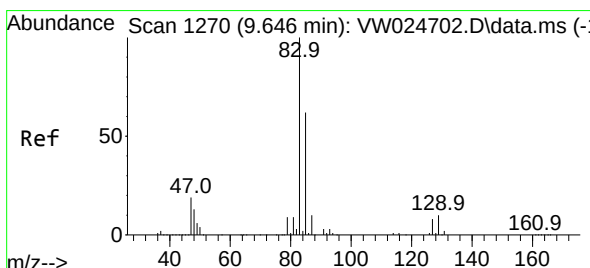
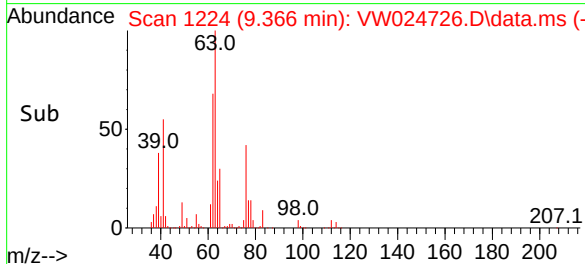
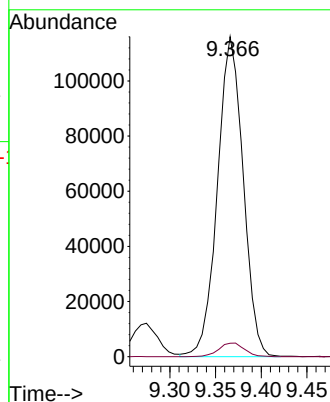
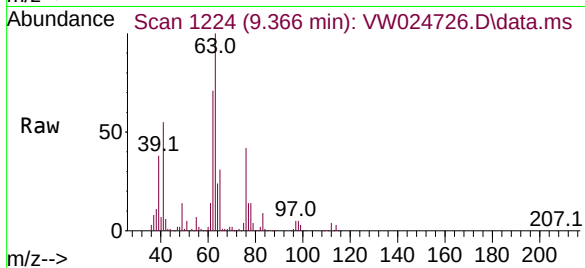
VSTD025584

Tgt Ion: 63 Resp: 227327

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 27.069 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

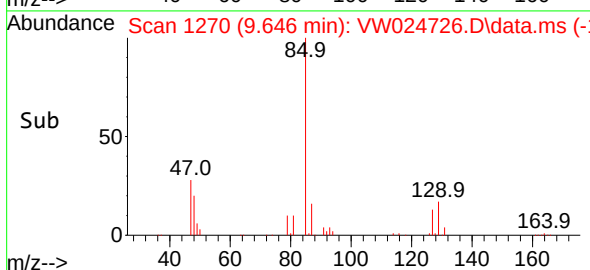
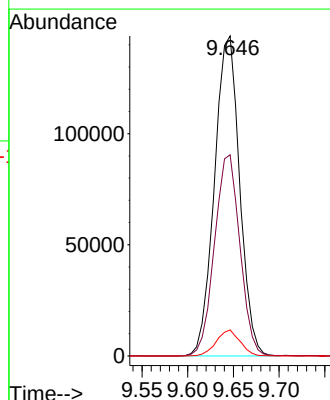
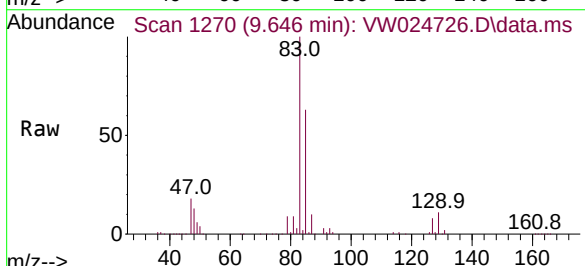
Tgt Ion: 83 Resp: 276160

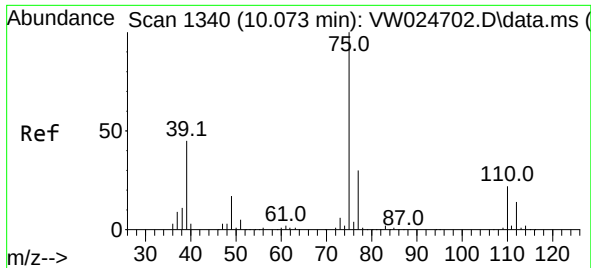
Ion Ratio Lower Upper

83 100

85 62.8 45.6 84.8

127 8.1 6.4 9.6

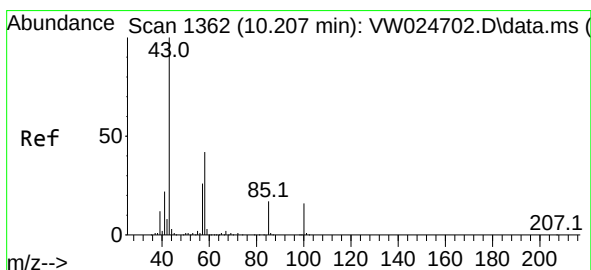
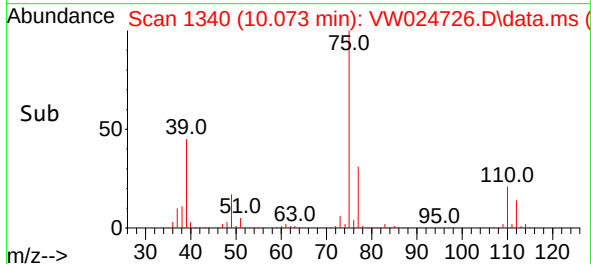
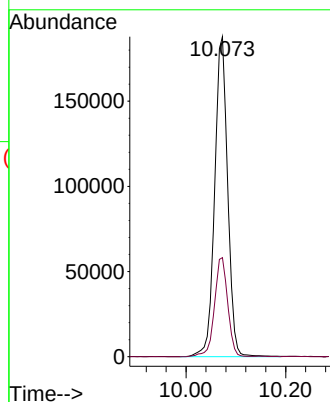
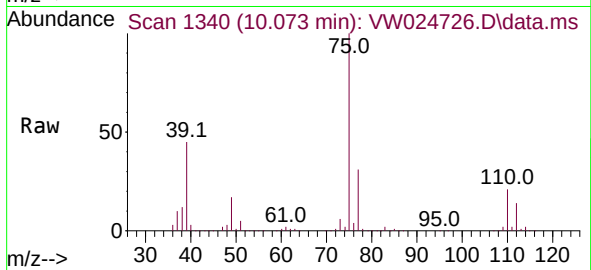




#39
cis-1,3-Dichloropropene
Concen: 25.920 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

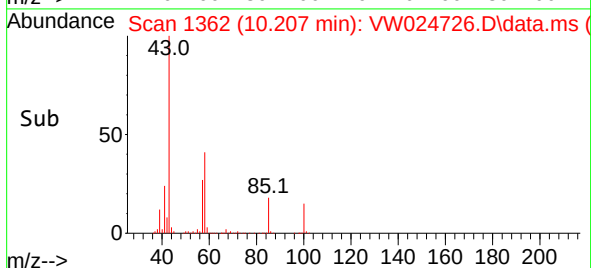
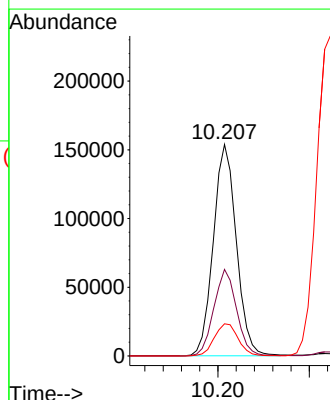
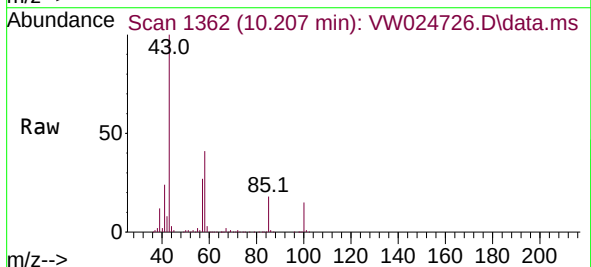
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

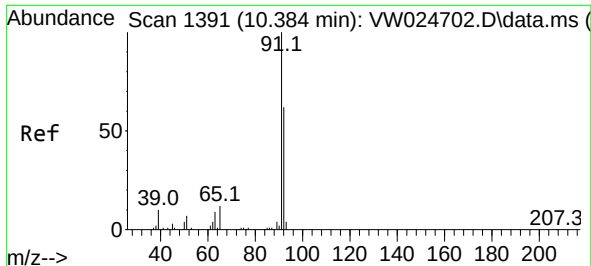
Tgt Ion: 75 Resp: 339954
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 54.789 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 43 Resp: 268972
Ion Ratio Lower Upper
43 100
58 40.5 32.9 49.3
100 15.8 12.6 19.0

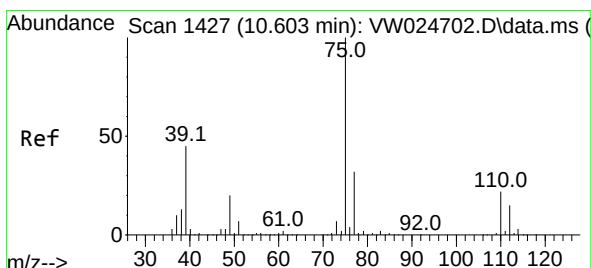
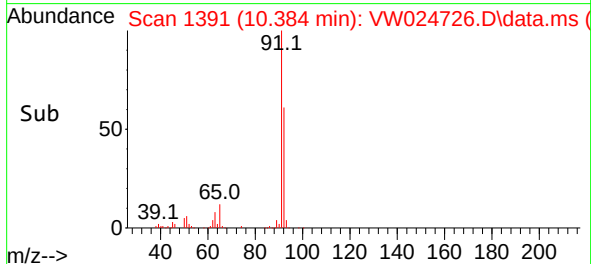
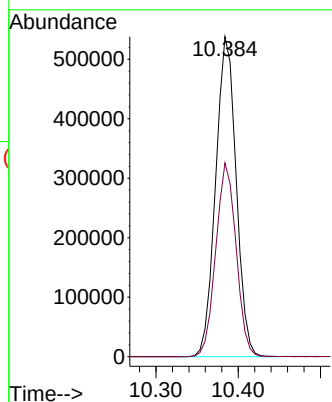
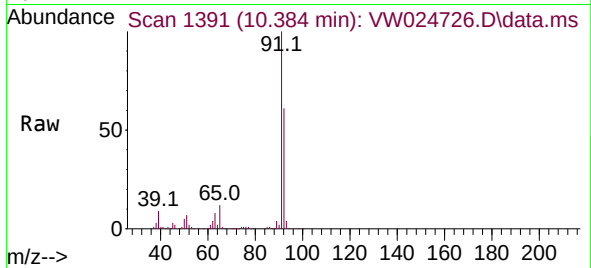




#42
Toluene
Concen: 26.907 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

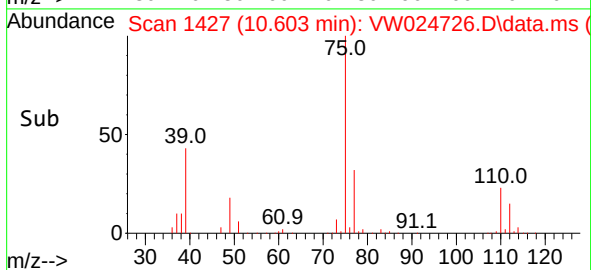
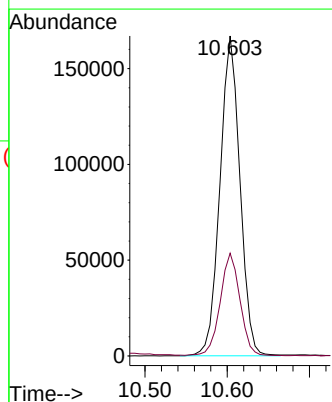
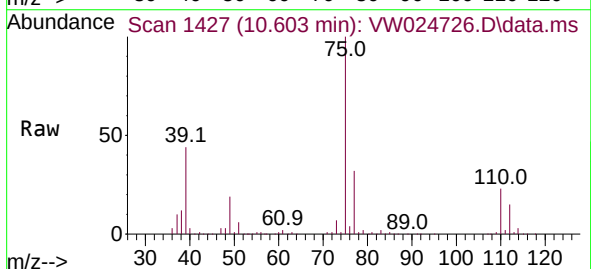
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

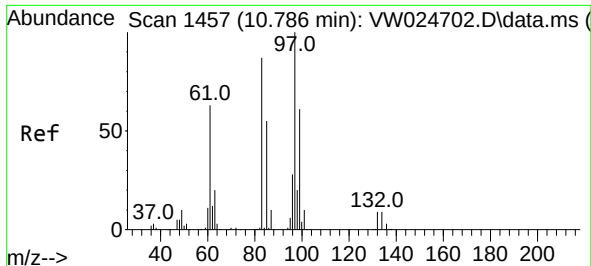
Tgt Ion: 91 Resp: 933500
Ion Ratio Lower Upper
91 100
92 60.6 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 25.071 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 75 Resp: 281912
Ion Ratio Lower Upper
75 100
77 32.1 21.3 39.6



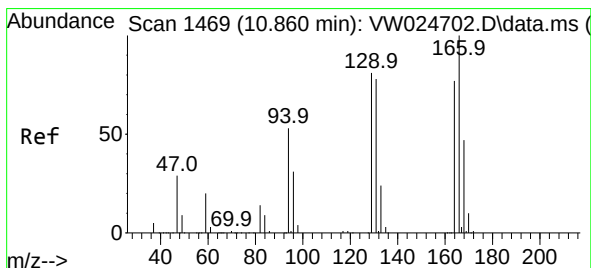
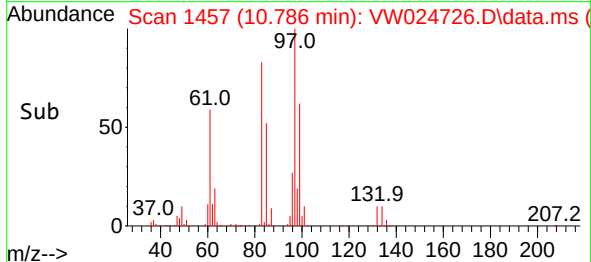
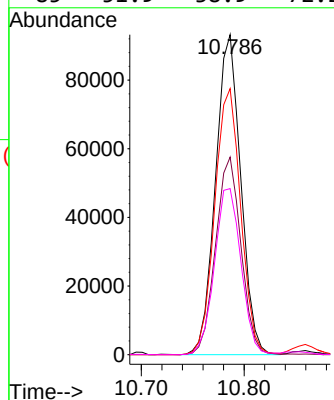
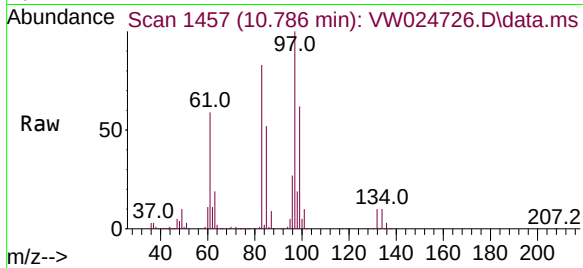


#45
1,1,2-Trichloroethane
Concen: 28.053 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Tgt Ion: 97 Resp: 158923

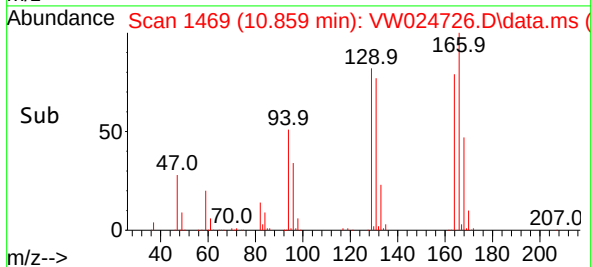
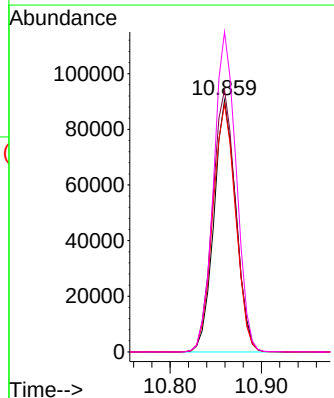
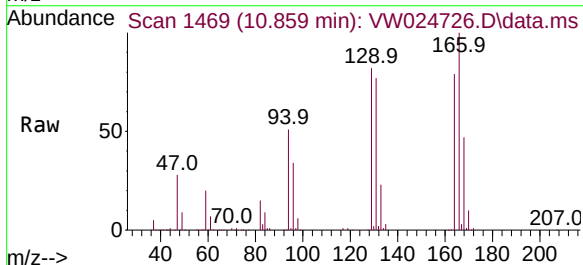
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.4
83	83.1	60.1	111.5
85	51.9	38.9	72.2

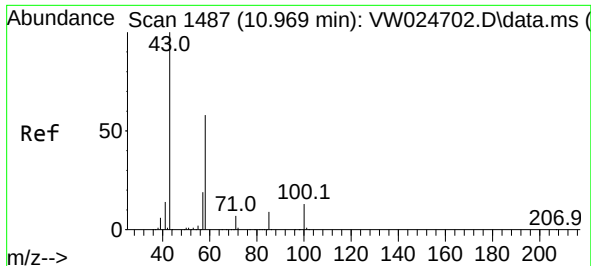


#46
Tetrachloroethene
Concen: 26.311 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 164 Resp: 152225

Ion	Ratio	Lower	Upper
164	100		
129	104.1	74.1	137.5
131	98.5	71.5	132.7
166	127.2	76.3	141.7

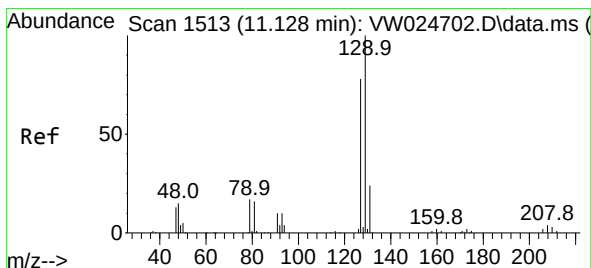
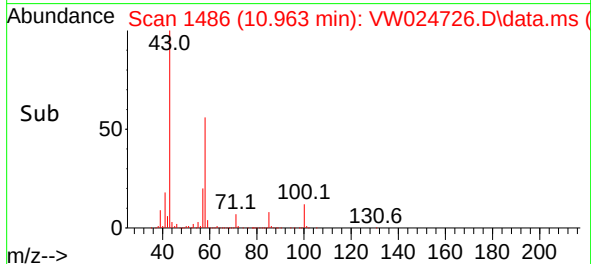
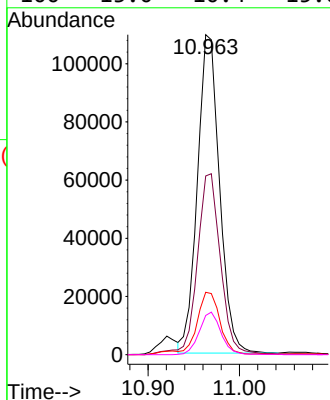
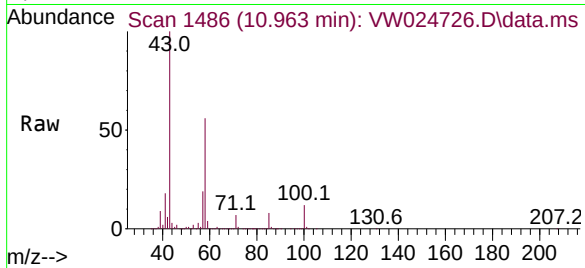




#48
2-Hexanone
Concen: 55.518 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

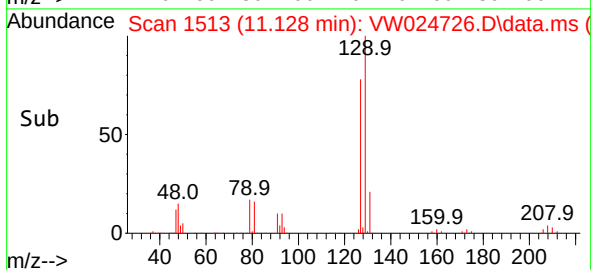
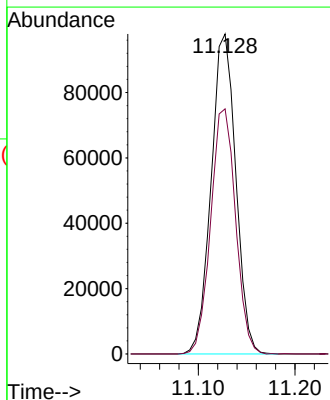
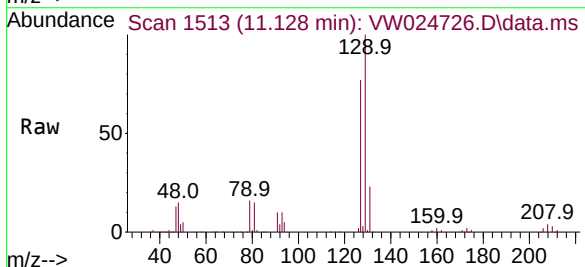
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

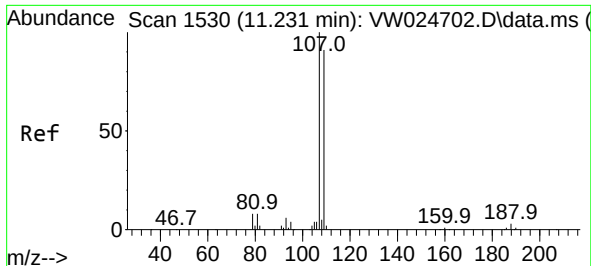
Tgt Ion: 43 Resp: 184301
Ion Ratio Lower Upper
43 100
58 59.6 45.3 67.9
57 19.6 16.3 24.5
100 13.0 10.4 15.6



#49
Dibromochloromethane
Concen: 27.192 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 129 Resp: 173466
Ion Ratio Lower Upper
129 100
127 76.6 52.4 97.4





#50

1,2-Dibromoethane

Concen: 27.547 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

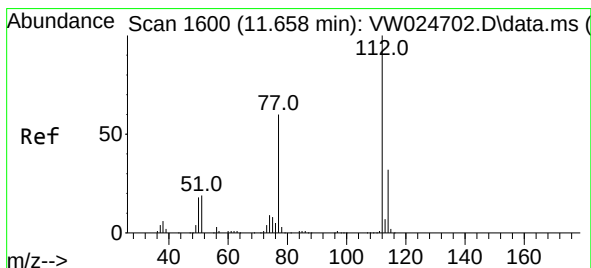
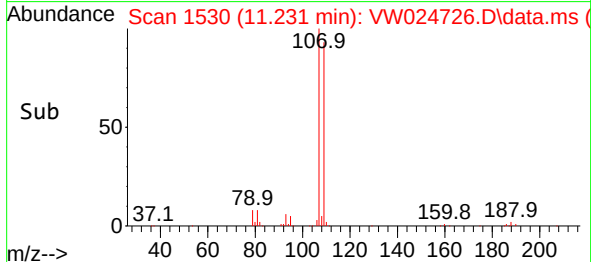
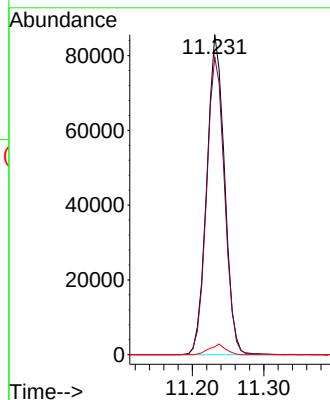
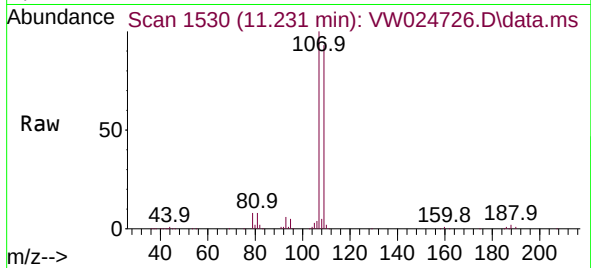
Tgt Ion:107 Resp: 147715

Ion Ratio Lower Upper

107 100

109 93.0 65.5 121.7

188 2.5 2.4 3.6



#51

Chlorobenzene

Concen: 27.046 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

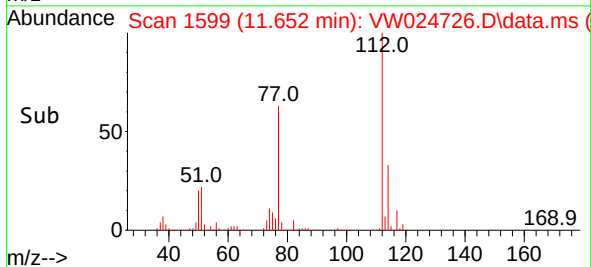
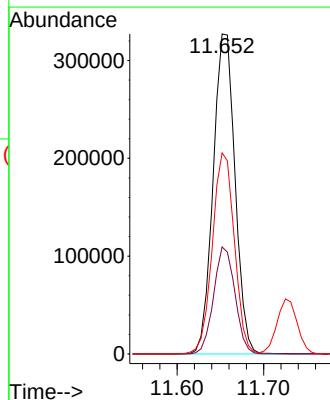
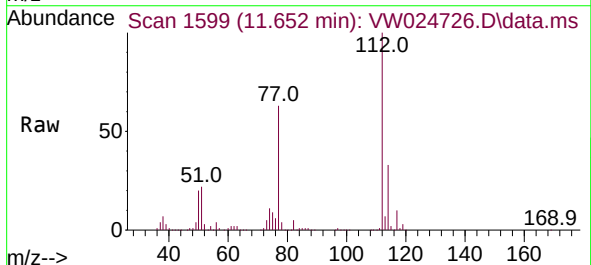
Tgt Ion:112 Resp: 574517

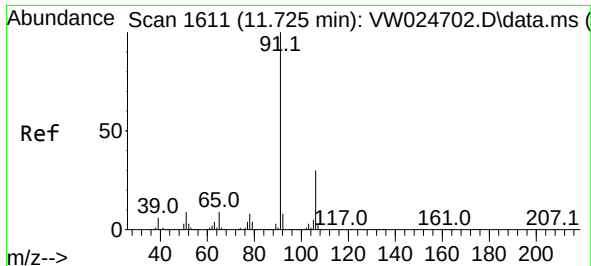
Ion Ratio Lower Upper

112 100

114 33.4 23.3 43.3

77 62.9 49.1 73.7

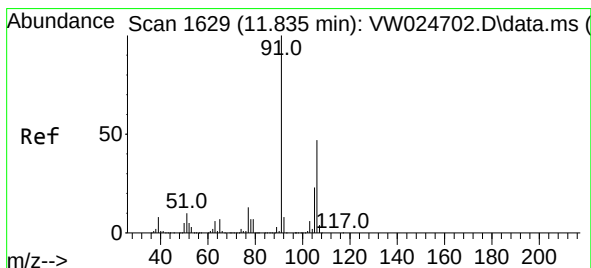
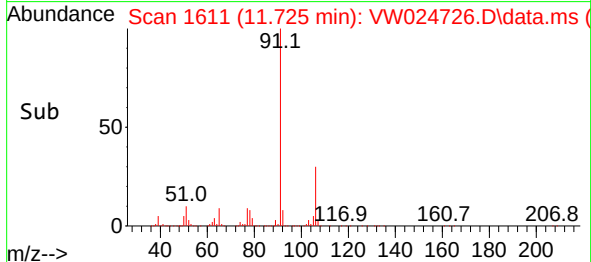
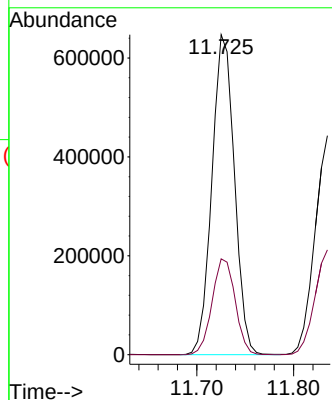
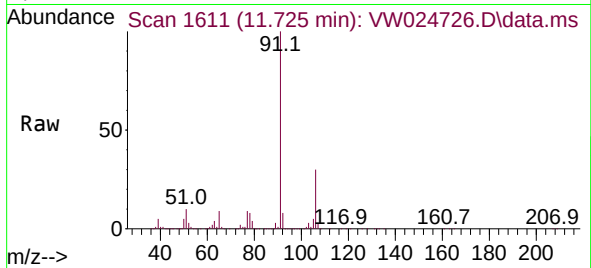




#52
Ethylbenzene
Concen: 27.384 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

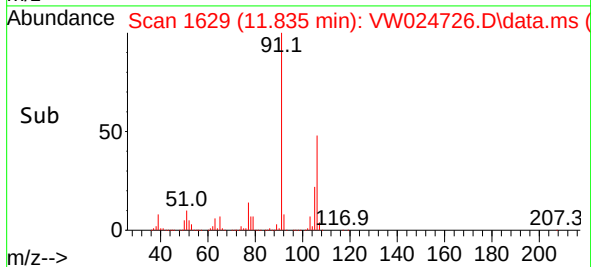
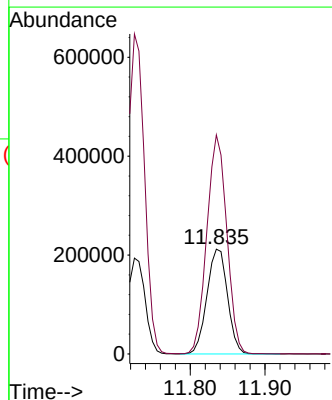
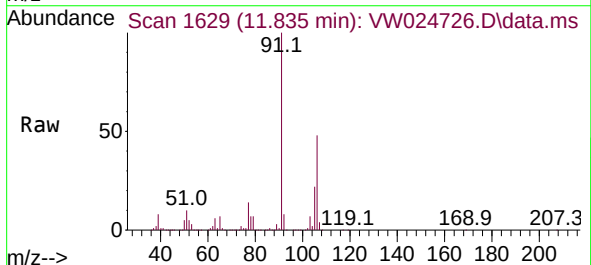
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

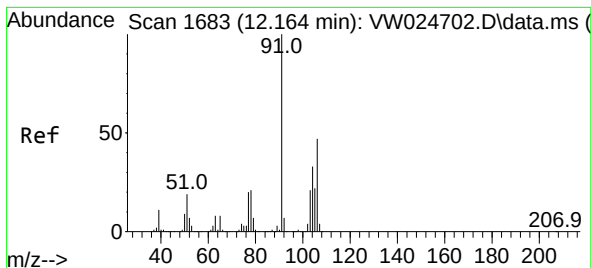
Tgt Ion: 91 Resp: 1046465
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 27.109 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion:106 Resp: 404521
Ion Ratio Lower Upper
106 100
91 209.1 146.8 272.6

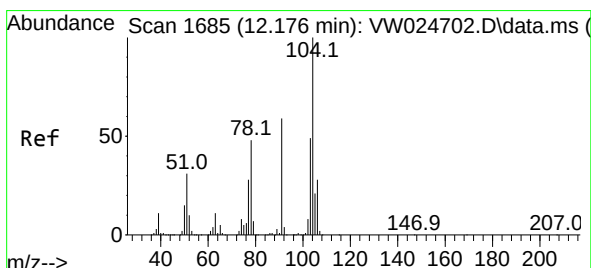
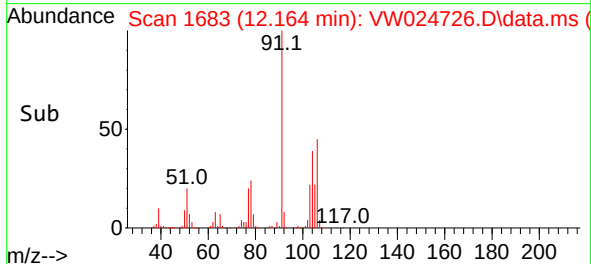
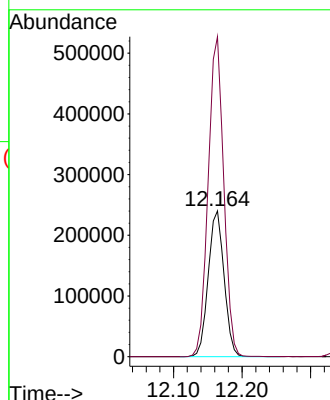
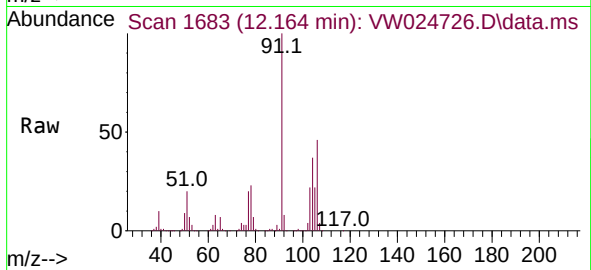




#54
o-Xylene
Concen: 27.374 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

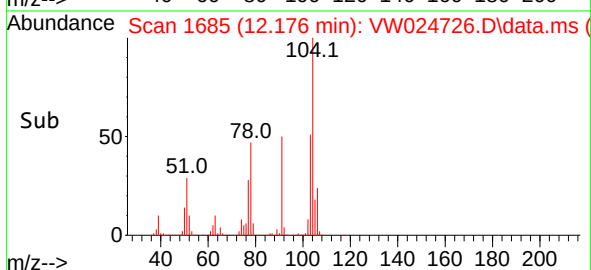
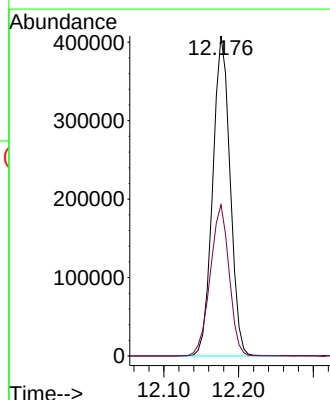
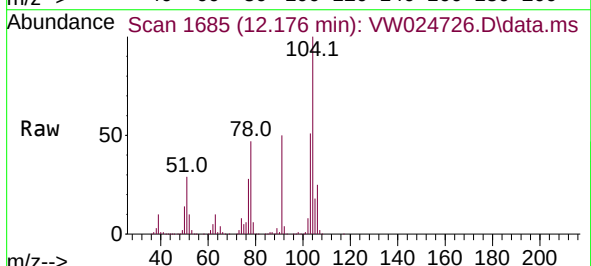
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

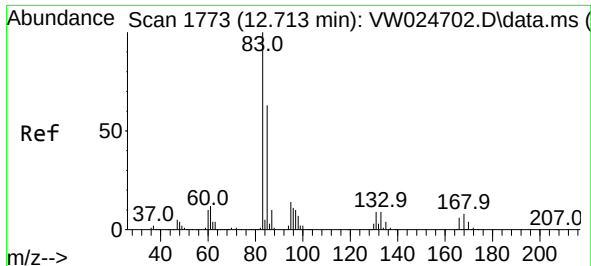
Tgt Ion:106 Resp: 385750
Ion Ratio Lower Upper
106 100
91 219.6 146.3 271.7



#55
Styrene
Concen: 27.857 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion:104 Resp: 661745
Ion Ratio Lower Upper
104 100
78 47.3 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 28.996 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

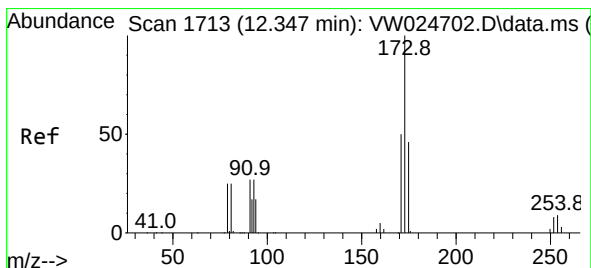
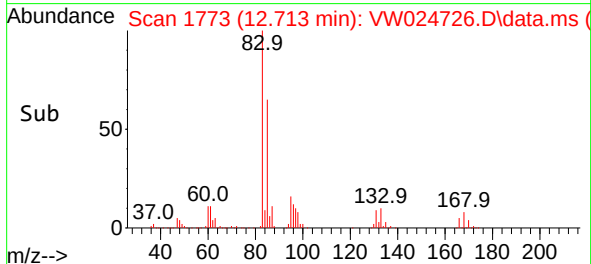
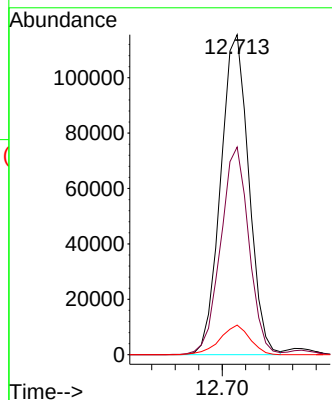
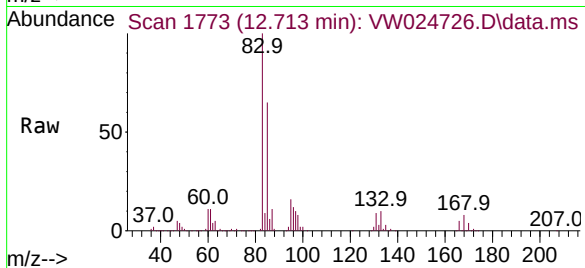
Tgt Ion: 83 Resp: 192337

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0

131 9.3 7.3 10.9



#59

Bromoform

Concen: 24.533 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

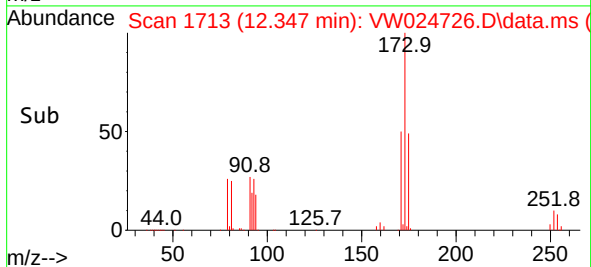
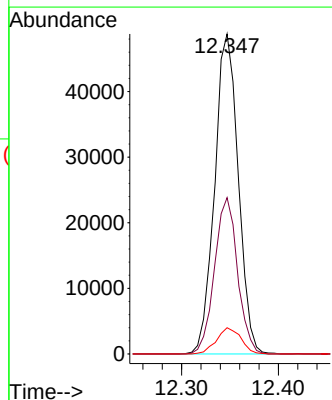
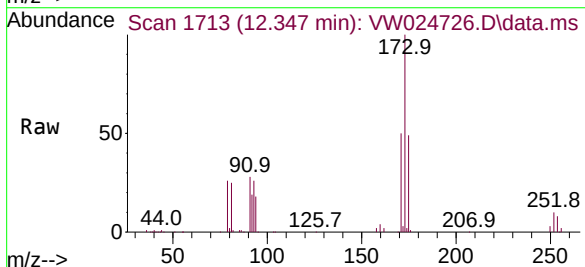
Tgt Ion: 173 Resp: 82659

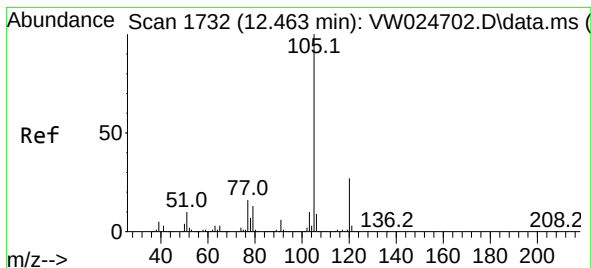
Ion Ratio Lower Upper

173 100

175 47.6 37.7 56.5

254 8.5 6.7 10.1

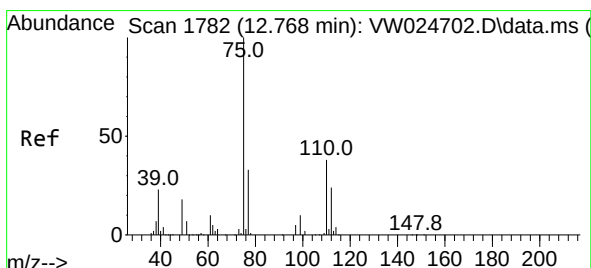
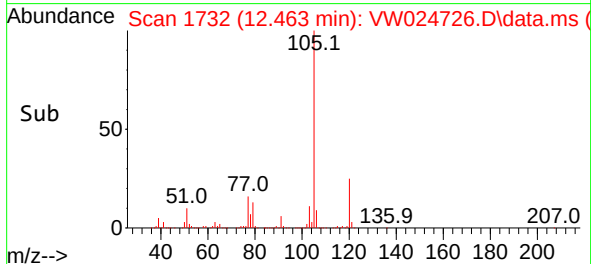
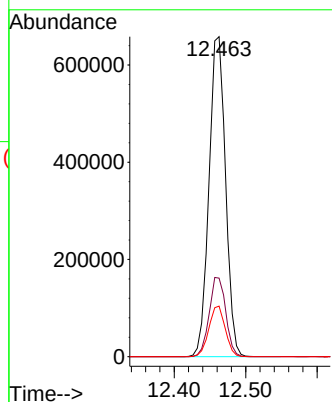
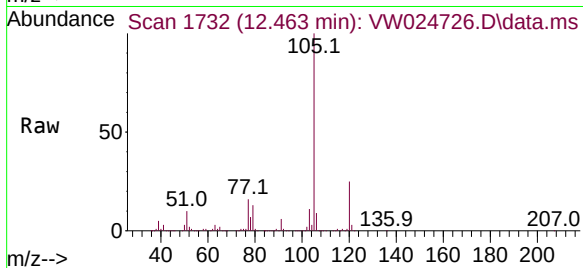




#60
Isopropylbenzene
Concen: 27.240 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

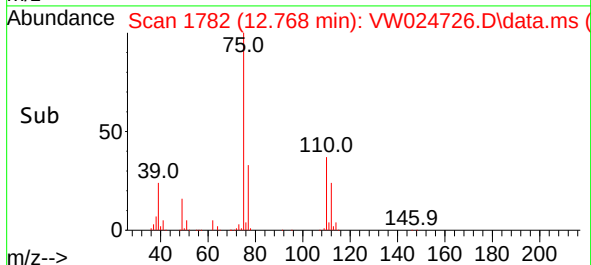
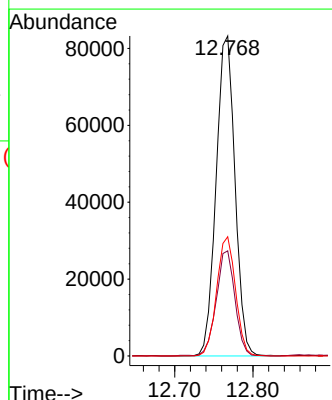
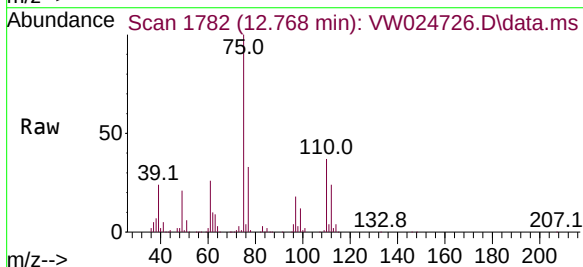
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

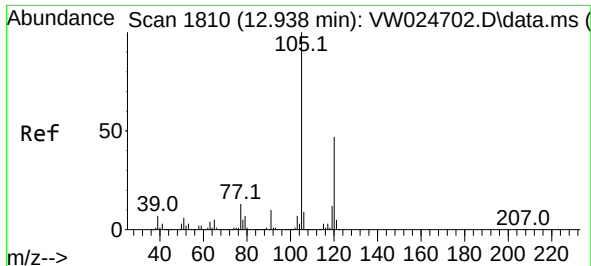
Tgt Ion:105 Resp: 1058251
Ion Ratio Lower Upper
105 100
120 24.8 20.9 31.3
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 27.186 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion: 75 Resp: 139586
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 37.1 29.2 43.8

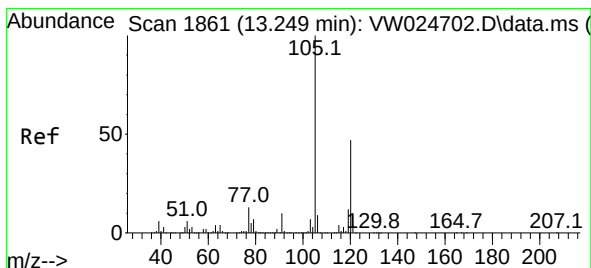
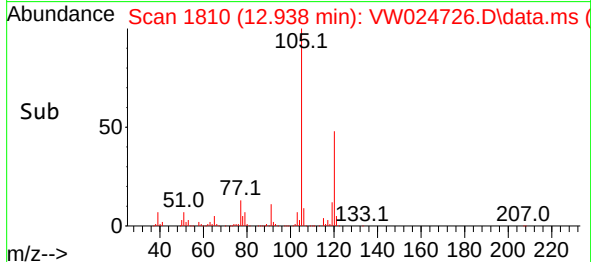
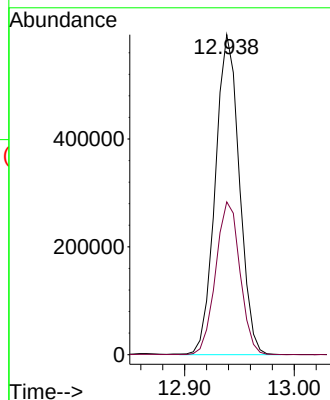
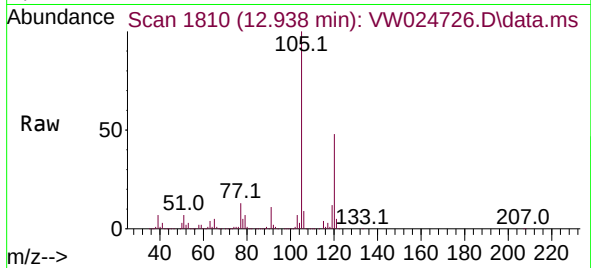




#62
1,3,5-Trimethylbenzene
Concen: 26.837 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

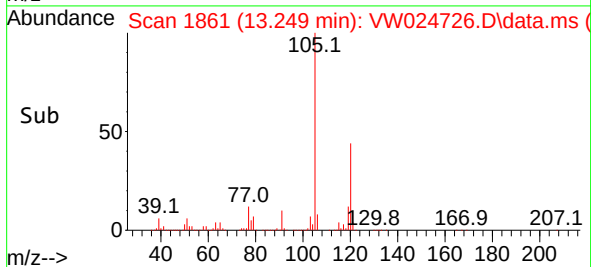
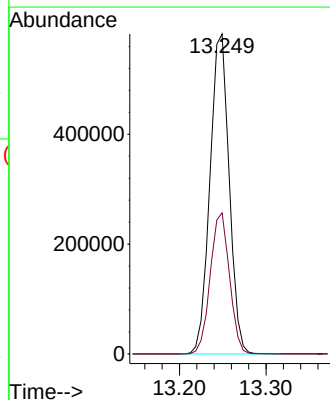
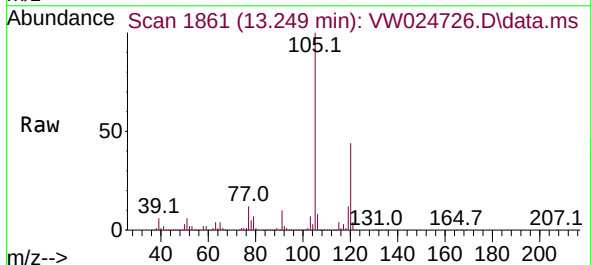
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

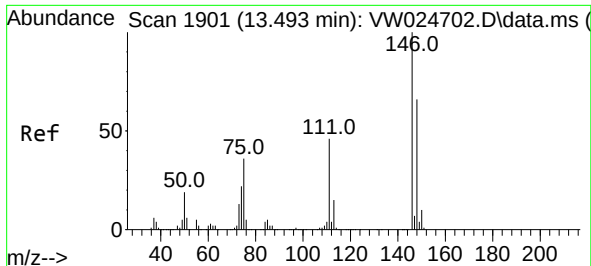
Tgt Ion:105 Resp: 906151
Ion Ratio Lower Upper
105 100
120 48.1 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 27.142 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion:105 Resp: 897798
Ion Ratio Lower Upper
105 100
120 44.2 35.2 52.8

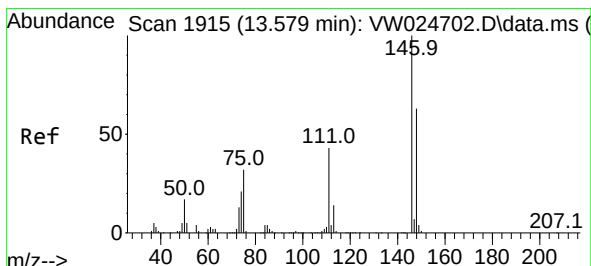
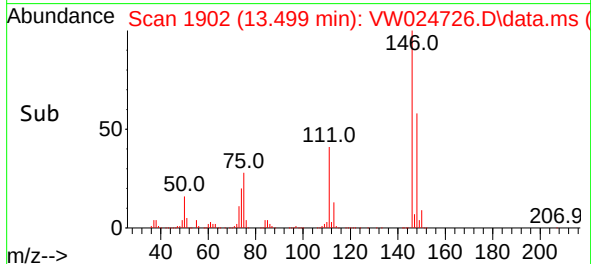
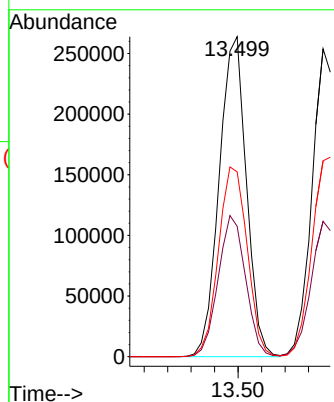
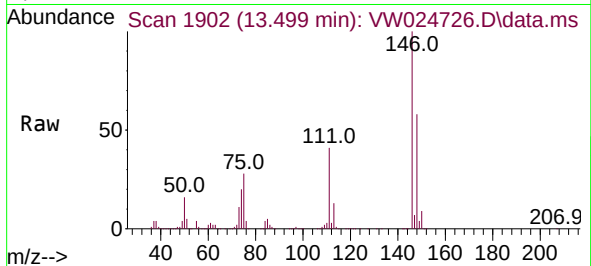




#64
1,3-Dichlorobenzene
Concen: 26.905 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

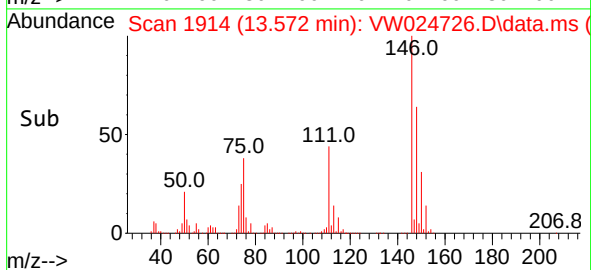
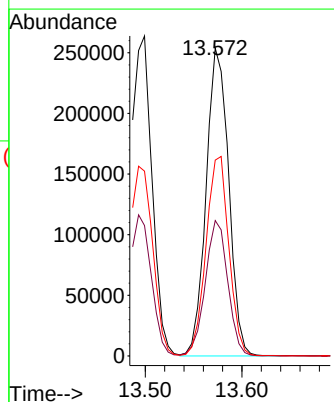
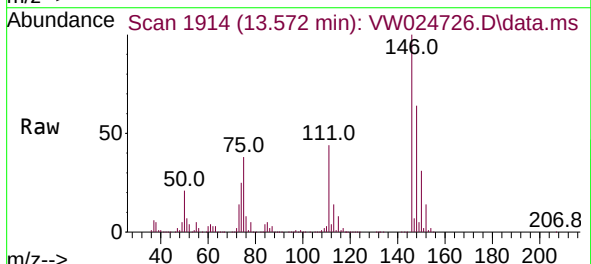
Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

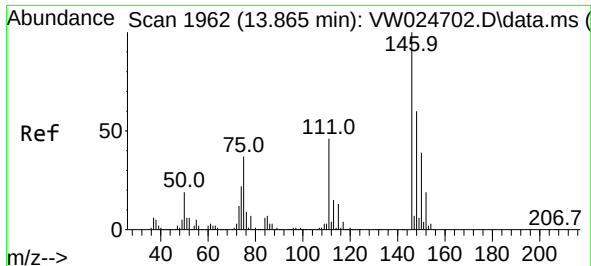
Tgt Ion:146 Resp: 424625
Ion Ratio Lower Upper
146 100
111 40.7 31.6 58.6
148 57.7 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 26.757 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion:146 Resp: 411098
Ion Ratio Lower Upper
146 100
111 44.0 29.4 54.6
148 63.6 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 27.809 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

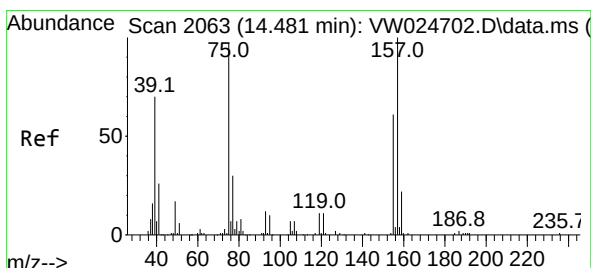
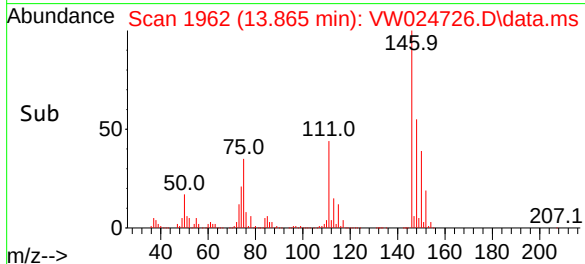
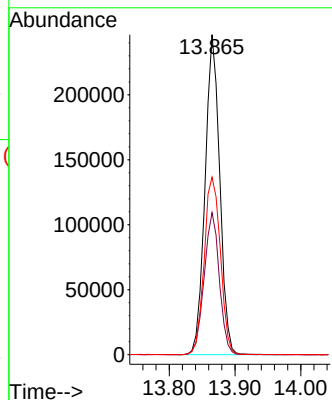
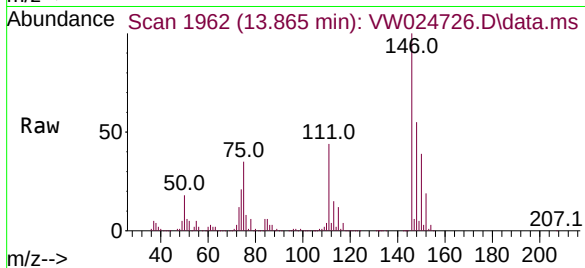
Tgt Ion:146 Resp: 382290

Ion Ratio Lower Upper

146 100

111 44.4 37.2 55.8

148 55.4 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.263 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

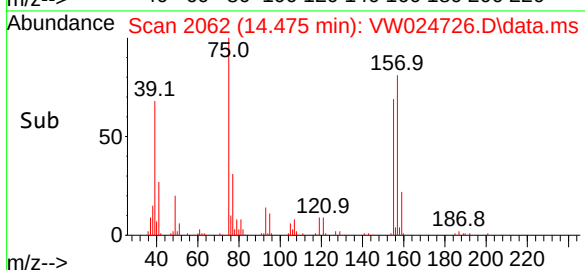
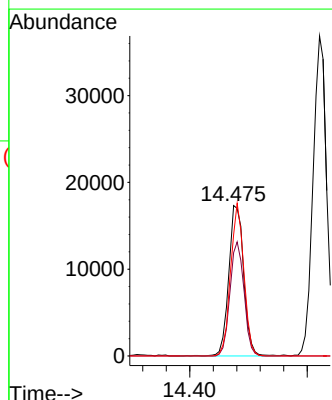
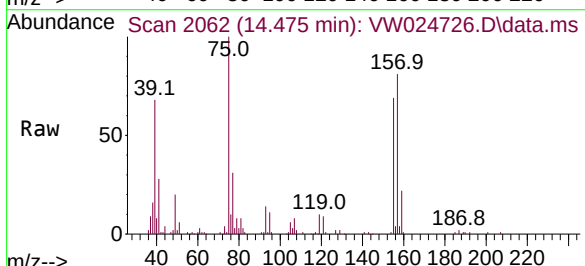
Tgt Ion: 75 Resp: 30674

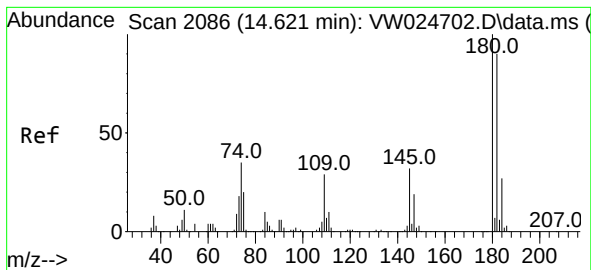
Ion Ratio Lower Upper

75 100

155 68.7 57.6 86.4

157 80.7 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 27.251 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

Instrument :

MSVOA_W

ClientSampleId :

VSTD025584

Tgt Ion:180 Resp: 285568

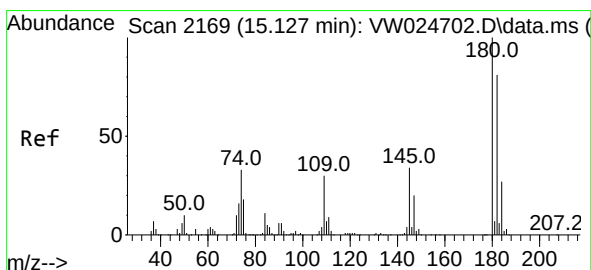
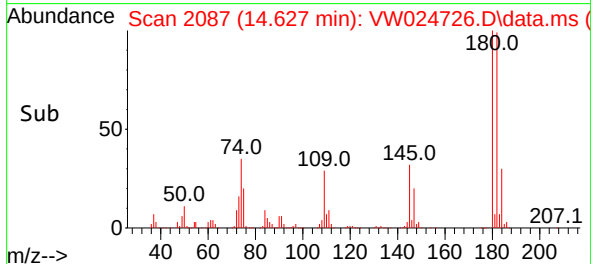
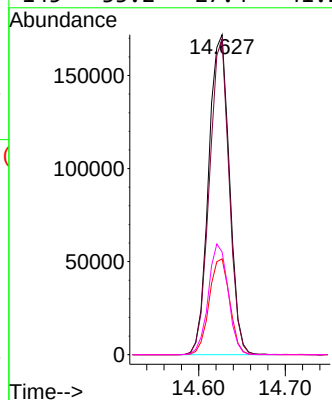
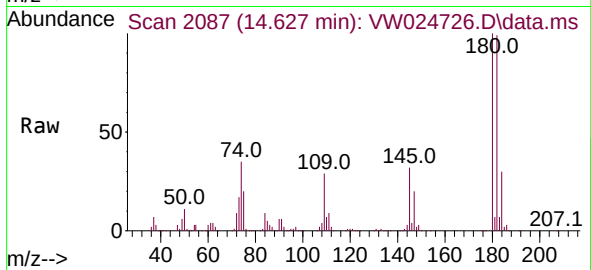
Ion Ratio Lower Upper

180 100

182 93.8 77.1 115.7

184 29.6 23.3 34.9

145 33.2 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 26.992 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024726.D

Acq: 05 Oct 2022 09:18

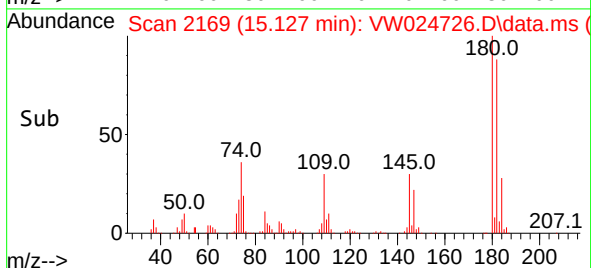
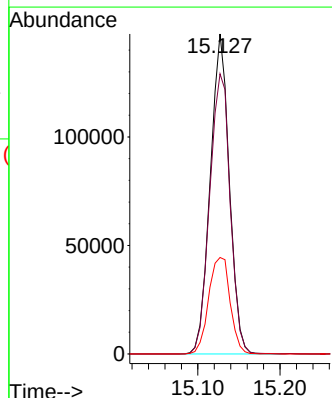
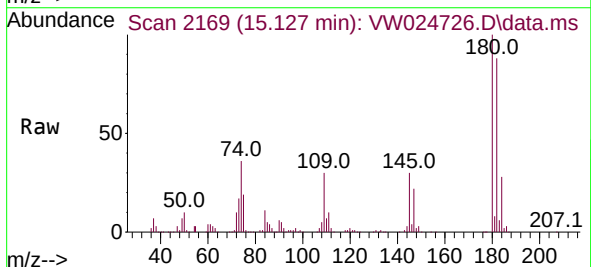
Tgt Ion:180 Resp: 237629

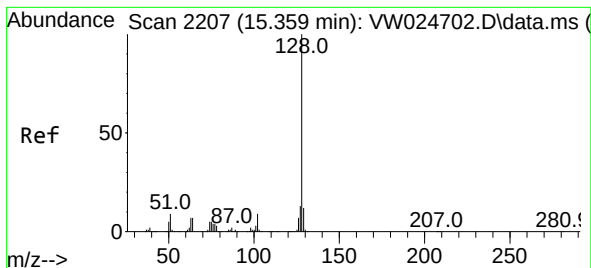
Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

145 33.9 29.0 43.4

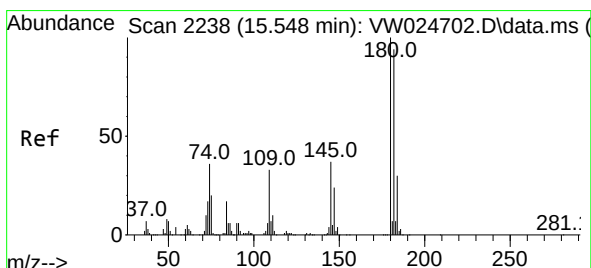
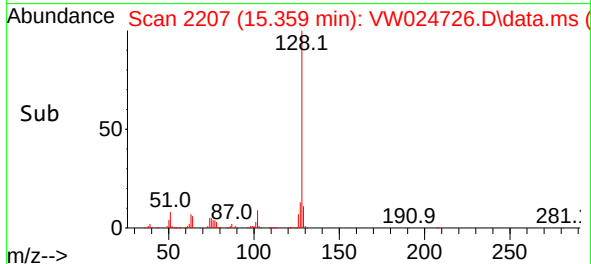
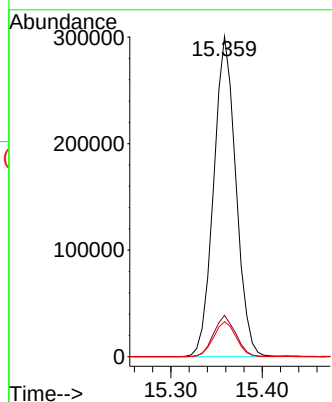
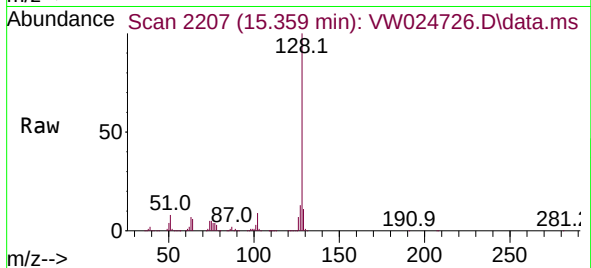




#71
Naphthalene
Concen: 26.529 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Instrument :
MSVOA_W
ClientSampleId :
VSTD025584

Tgt Ion:128 Resp: 508531
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.1 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 27.134 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024726.D
Acq: 05 Oct 2022 09:18

Tgt Ion:180 Resp: 203302
Ion Ratio Lower Upper
180 100
182 97.9 77.4 116.2
145 35.5 30.6 45.8

