

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080922\
 Data File : VW024215.D
 Acq On : 09 Aug 2022 18:00
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: Aug 10 01:11:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 10 01:09:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	250841	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	270497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158873	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	144472	27.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.200%
7) Chloroethane-d5	2.879	69	99121	30.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.400%
11) 1,1-Dichloroethene-d2	4.013	63	130285	21.803	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.200%
21) 2-Butanone-d5	7.086	46	62180	63.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.480%
24) Chloroform-d	7.647	84	185009	24.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	8.305	65	108934	25.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	8.275	84	344896	21.620	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.480%
36) 1,2-Dichloropropane-d6	9.275	67	107124	22.743	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.960%
41) Toluene-d8	10.323	98	345119	23.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	10.579	79	47539	23.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.160%
47) 2-Hexanone-d5	10.927	63	58371	67.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.180%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	132046	28.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	157452	27.083	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	86649	39.264	ug/L	98
3) Chloromethane	2.215	50	142466	34.422	ug/L	99
5) Vinyl chloride	2.349	62	193694	33.619	ug/L	98
6) Bromomethane	2.764	94	95604	28.940	ug/L	91
8) Chloroethane	2.916	64	91856	36.397	ug/L	96
9) Trichlorofluoromethane	3.251	101	53539	19.603	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	85310	23.160	ug/L	95
12) 1,1-Dichloroethene	4.032	96	69628	23.089	ug/L	93
13) Acetone	4.135	43	39255	54.659	ug/L	65
14) Carbon disulfide	4.373	76	231957	24.037	ug/L	98
15) Methyl Acetate	4.672	43	49328	30.494	ug/L	97
16) Methylene chloride	4.916	84	94701	21.409	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	84394	24.233	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	139939	28.180	ug/L	99
19) 1,1-Dichloroethane	6.214	63	159117	25.938	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	101862	26.633	ug/L #	95
22) 2-Butanone	7.177	43	78053	64.496	ug/L	99
23) Bromochloromethane	7.519	128	49986	26.243	ug/L	97
25) Chloroform	7.677	83	192701	28.507	ug/L	100

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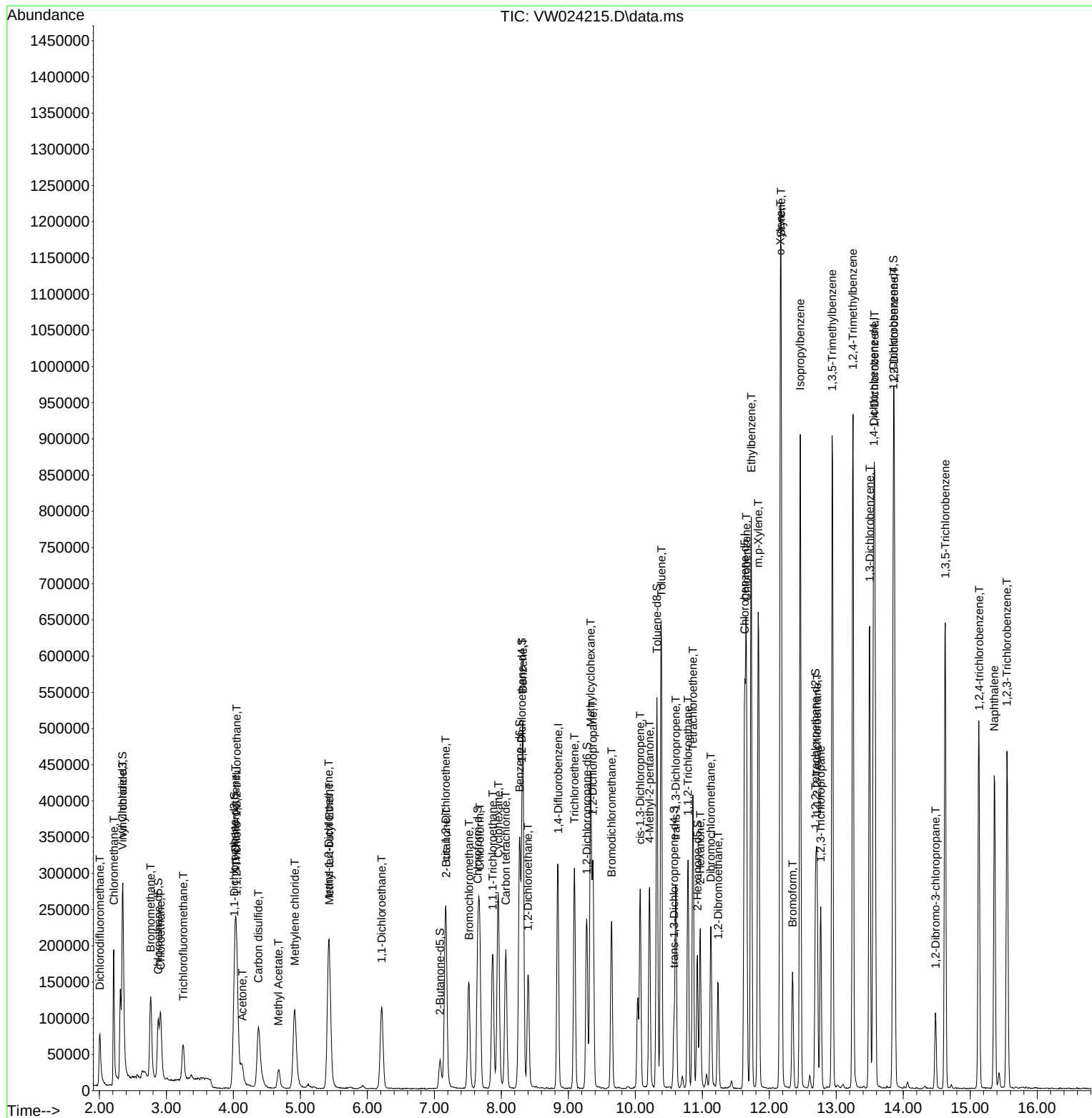
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	140323	30.849	ug/L	99
29) Cyclohexane	7.958	56	136564	24.626	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	147307	24.148	ug/L	100
31) Carbon tetrachloride	8.067	117	133463	23.191	ug/L	99
33) Benzene	8.323	78	415918	26.034	ug/L	100
34) Trichloroethene	9.092	95	103387	24.483	ug/L	94
35) Methylcyclohexane	9.335	83	167930	25.360	ug/L	99
37) 1,2-Dichloropropane	9.366	63	105756	26.779	ug/L	99
38) Bromodichloromethane	9.646	83	148464	26.803	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	146607	25.233	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	177413	67.689	ug/L	99
42) Toluene	10.390	91	462569	27.247	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	145095	27.331	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	94221	28.306	ug/L	97
46) Tetrachloroethene	10.860	164	81523	23.847	ug/L	90
48) 2-Hexanone	10.969	43	131564	73.965	ug/L	100
49) Dibromochloromethane	11.128	129	110715	27.629	ug/L	94
50) 1,2-Dibromoethane	11.238	107	92898	29.129	ug/L	99
51) Chlorobenzene	11.658	112	319931	27.582	ug/L	94
52) Ethylbenzene	11.731	91	526542	28.308	ug/L	98
53) m,p-Xylene	11.835	106	209484	28.933	ug/L	97
54) o-Xylene	12.164	106	205754	30.080	ug/L	99
55) Styrene	12.176	104	372209	31.287	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	133995	32.210	ug/L	97
59) Bromoform	12.347	173	69747	28.781	ug/L	100
60) Isopropylbenzene	12.463	105	543047	28.236	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95547	30.220	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	467131	29.391	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	475843	30.400	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	257262	27.316	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	274475	27.523	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	258549	28.910	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	24214	32.779	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	195486	31.655	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	156240	31.592	ug/L	99
71) Naphthalene	15.359	128	358991	37.267	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	149715	33.251	ug/L	97

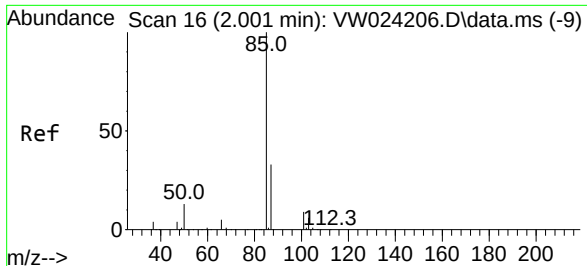
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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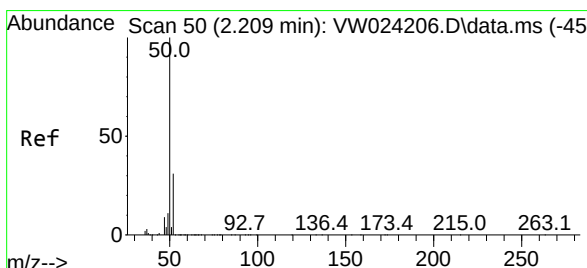
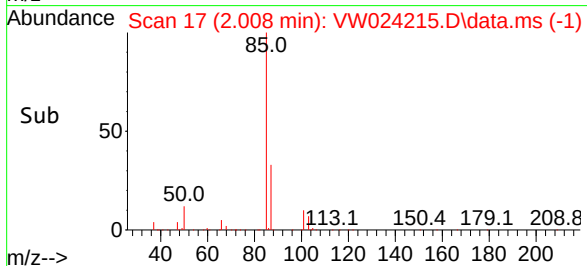
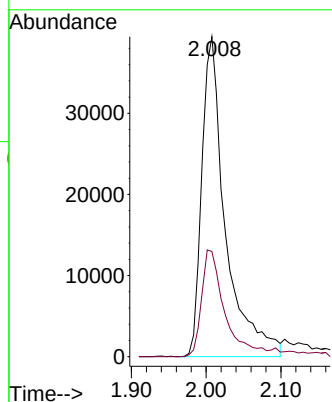
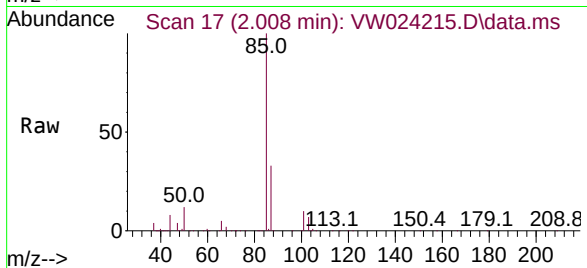




#2
Dichlorodifluoromethane
Concen: 39.264 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

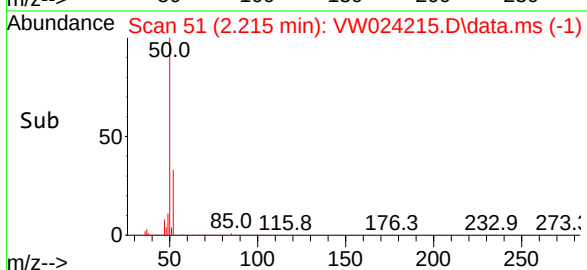
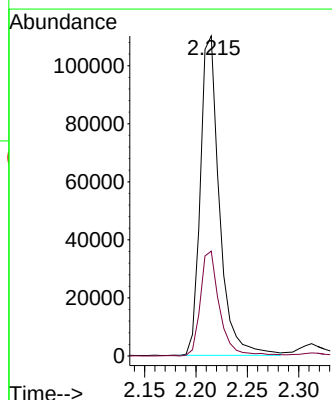
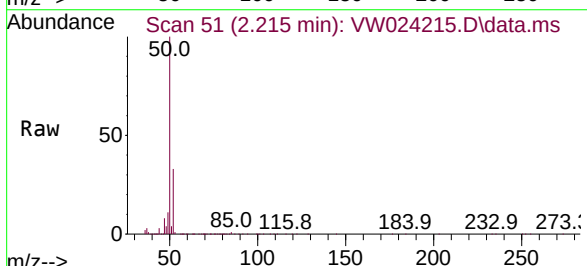
Instrument :
MSVOA_W
ClientSampleId :
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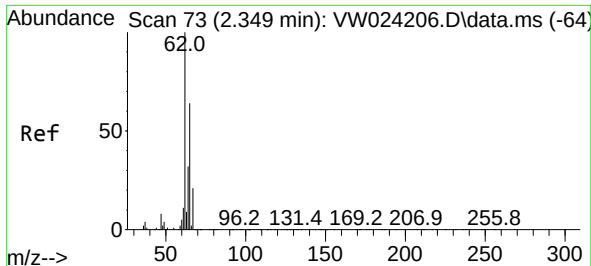
Tgt Ion: 85 Resp: 86649
Ion Ratio Lower Upper
85 100
87 31.8 24.5 36.7



#3
Chloromethane
Concen: 34.422 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 50 Resp: 142466
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

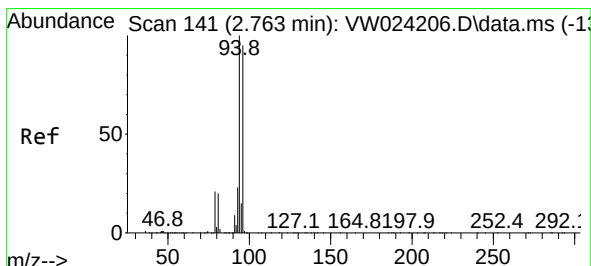
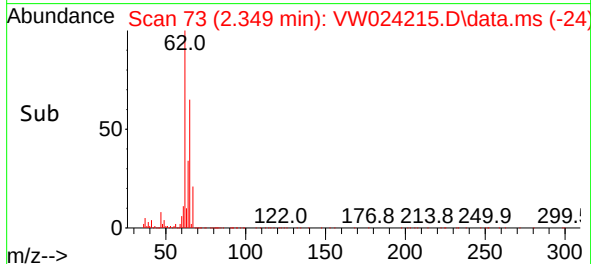
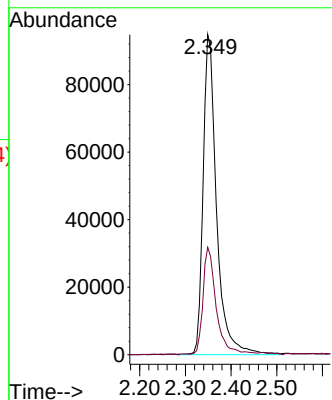
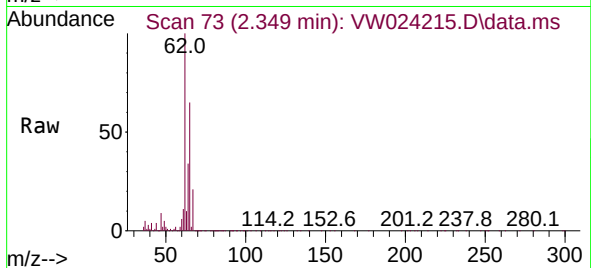




#5
 Vinyl chloride
 Concen: 33.619 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024215.D
 Acq: 09 Aug 2022 18:00

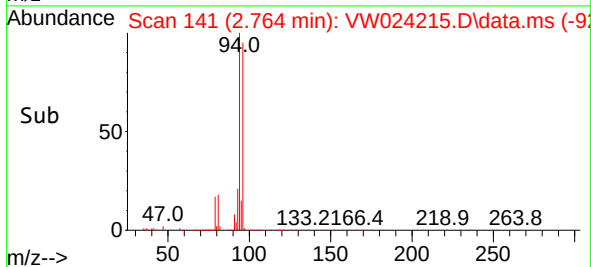
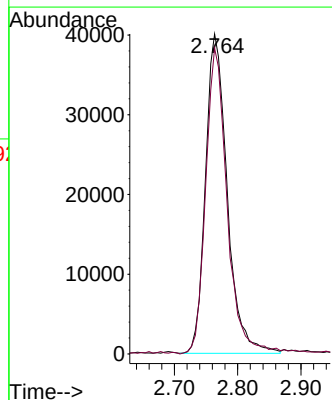
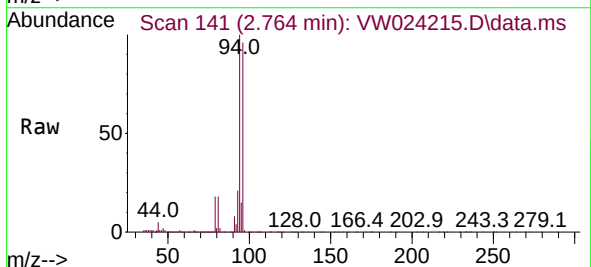
Instrument :
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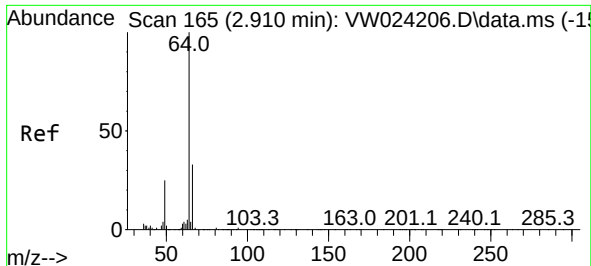
Tgt Ion: 62 Resp: 193694
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.3



#6
 Bromomethane
 Concen: 28.940 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024215.D
 Acq: 09 Aug 2022 18:00

Tgt Ion: 94 Resp: 95604
 Ion Ratio Lower Upper
 94 100
 96 95.5 61.0 113.4

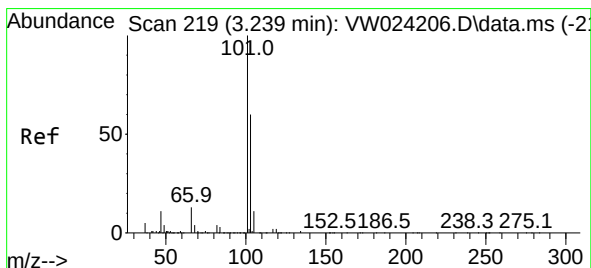
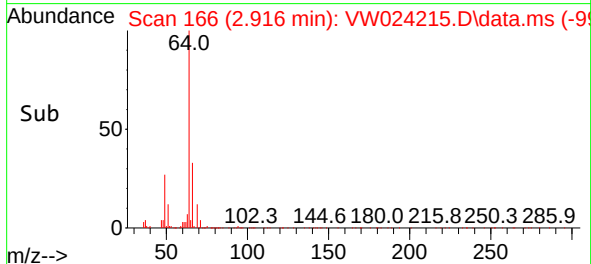
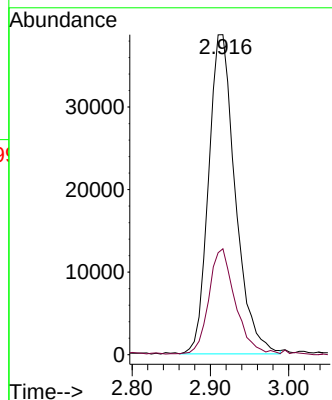
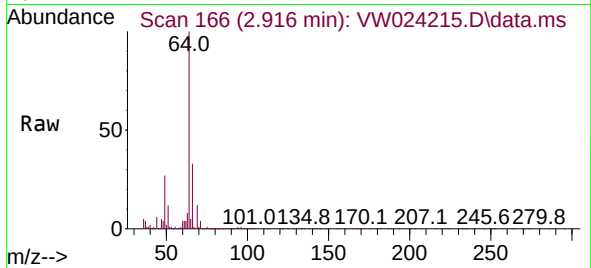




#8
Chloroethane
Concen: 36.397 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

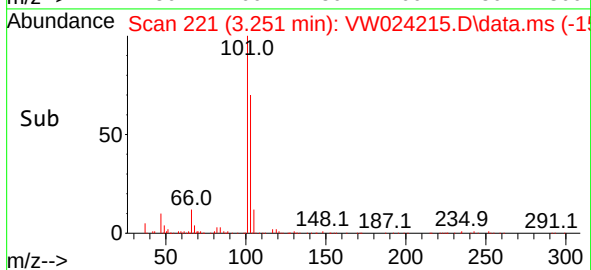
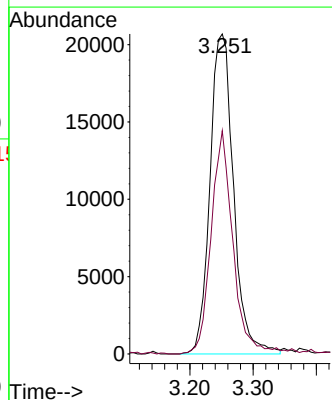
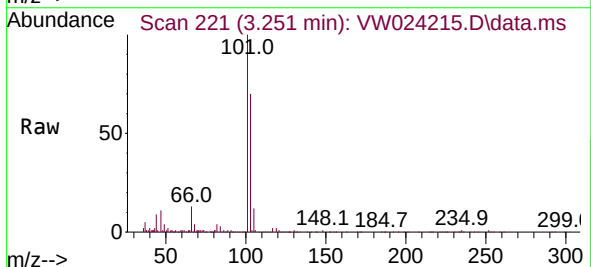
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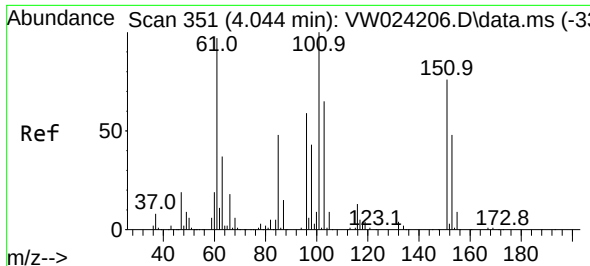
Tgt Ion: 64 Resp: 91856
Ion Ratio Lower Upper
64 100
66 33.1 21.6 40.0



#9
Trichlorofluoromethane
Concen: 19.603 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.012 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 101 Resp: 53539
Ion Ratio Lower Upper
101 100
103 64.0 50.5 75.7

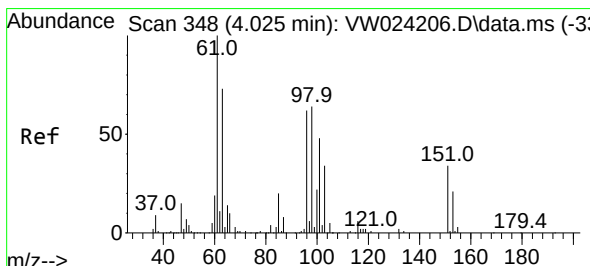
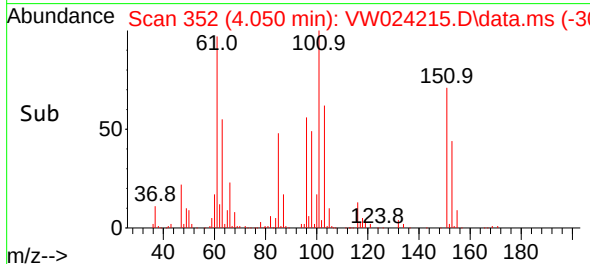
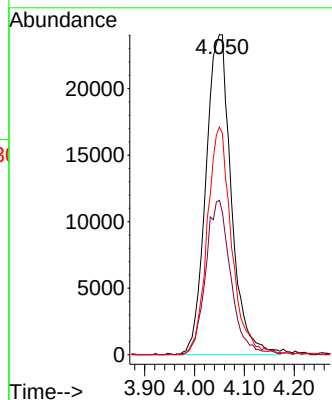
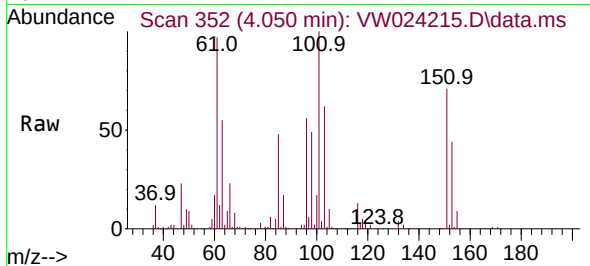




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.160 ug/L
 RT: 4.050 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024215.D
 Acq: 09 Aug 2022 18:00

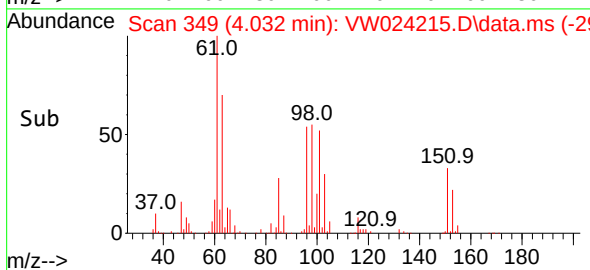
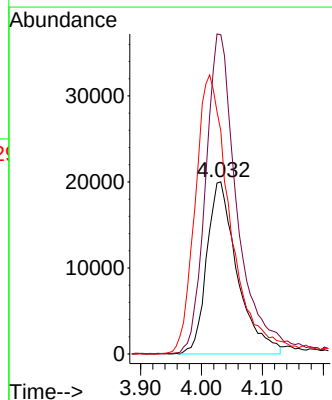
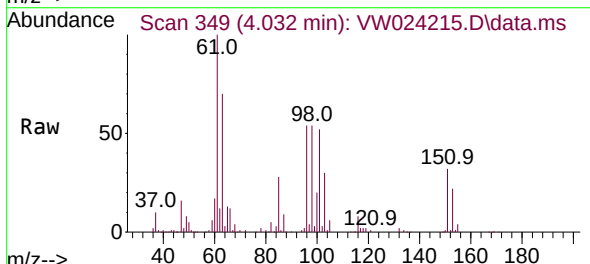
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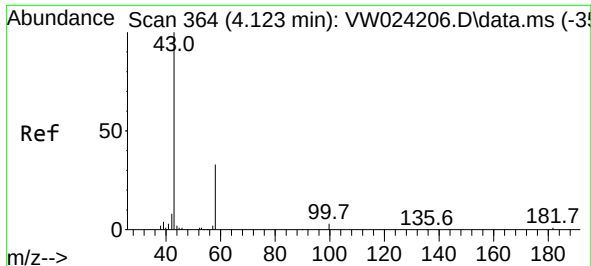
Tgt Ion:101 Resp: 85310
 Ion Ratio Lower Upper
 101 100
 85 47.3 34.9 52.3
 151 67.4 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 23.089 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024215.D
 Acq: 09 Aug 2022 18:00

Tgt Ion: 96 Resp: 69628
 Ion Ratio Lower Upper
 96 100
 61 185.3 123.1 228.5
 63 129.4 84.9 157.7

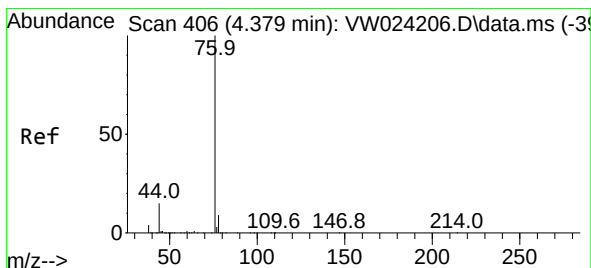
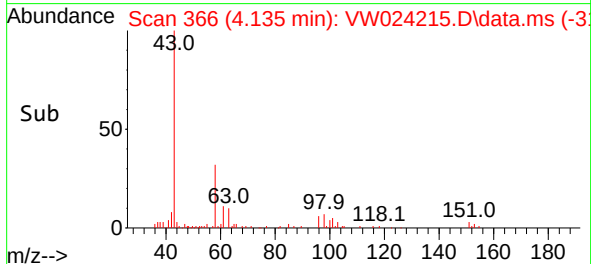
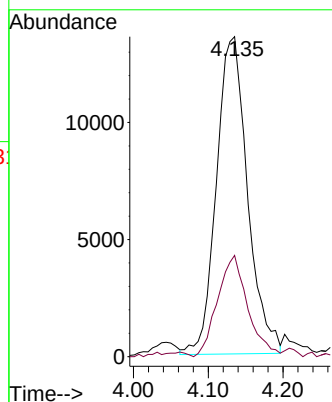
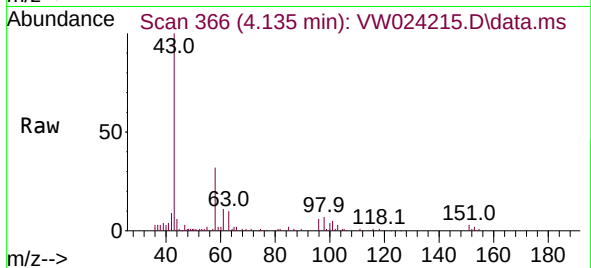




#13
Acetone
Concen: 54.659 ug/L
RT: 4.135 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

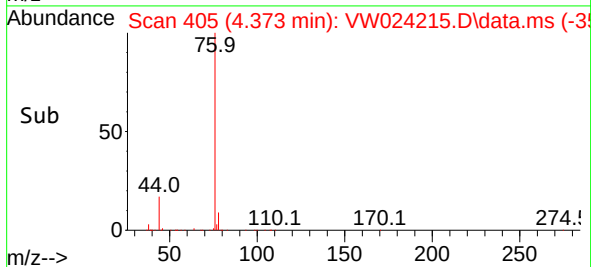
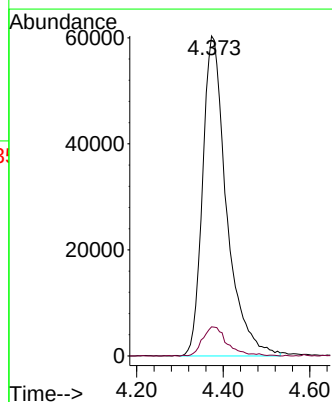
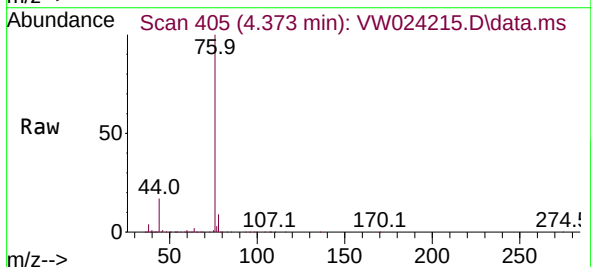
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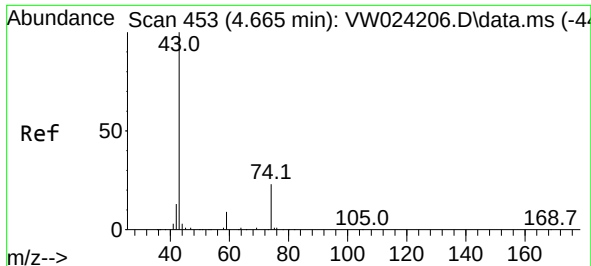
Tgt Ion: 43 Resp: 39255
Ion Ratio Lower Upper
43 100
58 30.9 0.0 31.8



#14
Carbon disulfide
Concen: 24.037 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 76 Resp: 231957
Ion Ratio Lower Upper
76 100
78 9.1 7.9 11.9

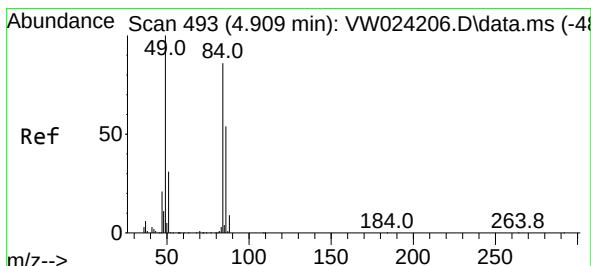
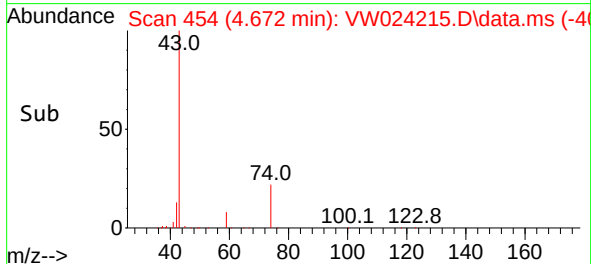
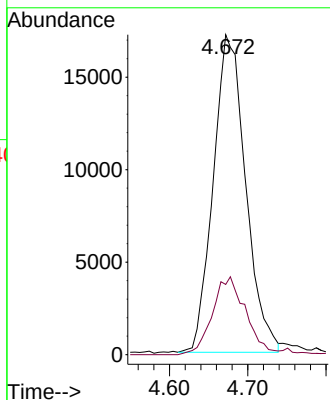
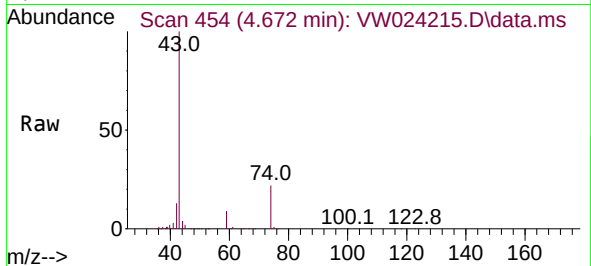




#15
Methyl Acetate
Concen: 30.494 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

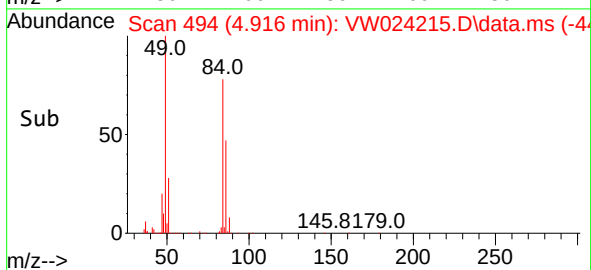
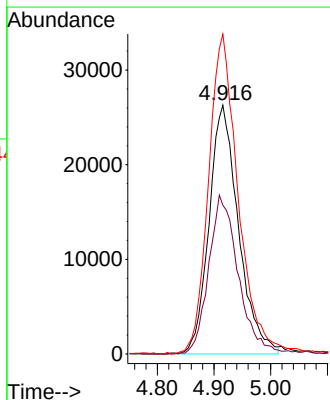
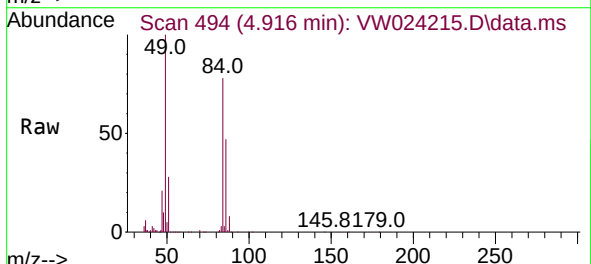
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

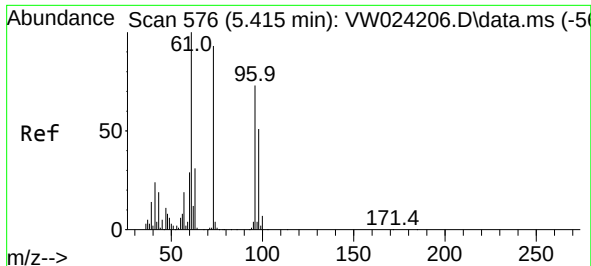
Tgt Ion: 43 Resp: 49328
Ion Ratio Lower Upper
43 100
74 25.1 21.5 32.3



#16
Methylene chloride
Concen: 21.409 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 84 Resp: 94701
Ion Ratio Lower Upper
84 100
86 59.8 42.8 79.6
49 128.6 85.3 158.3

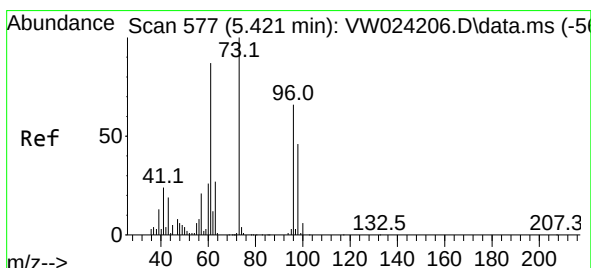
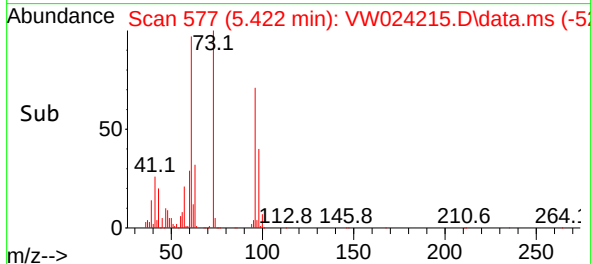
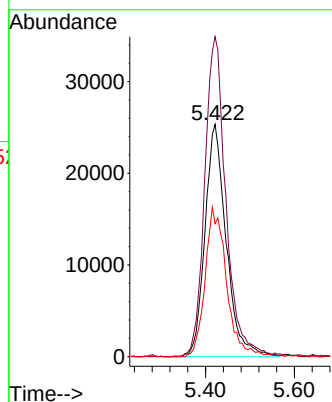
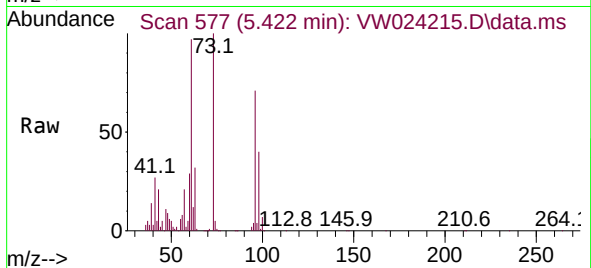




#17
trans-1,2-Dichloroethene
Concen: 24.233 ug/L
RT: 5.422 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

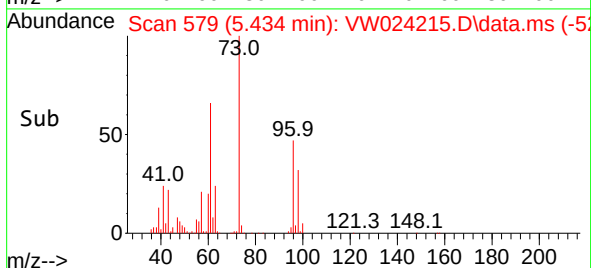
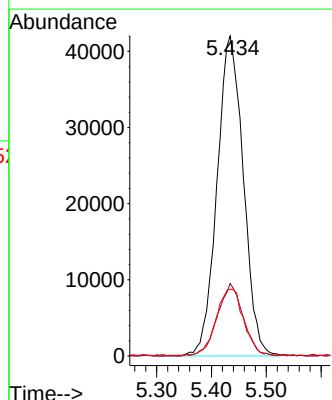
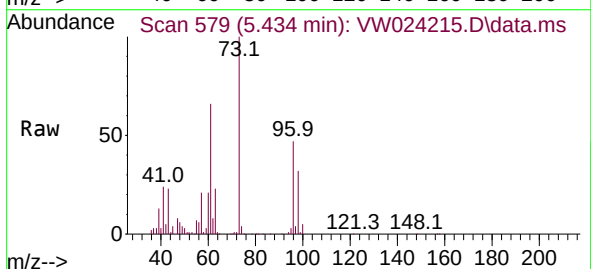
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

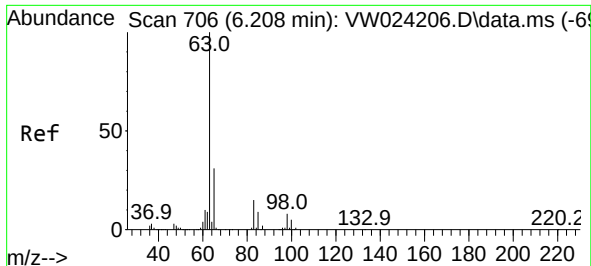
Tgt Ion: 96 Resp: 84394
Ion Ratio Lower Upper
96 100
61 137.7 93.0 172.8
98 57.2 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 28.180 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 73 Resp: 139939
Ion Ratio Lower Upper
73 100
43 21.6 16.6 24.8
57 22.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.938 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

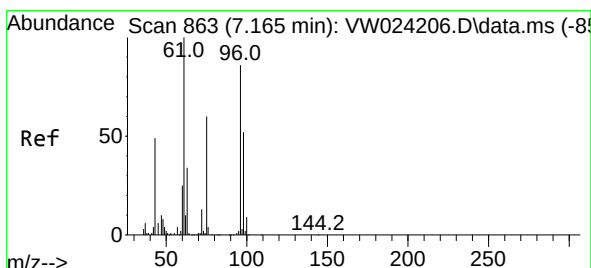
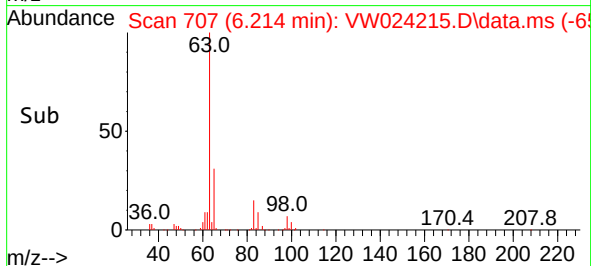
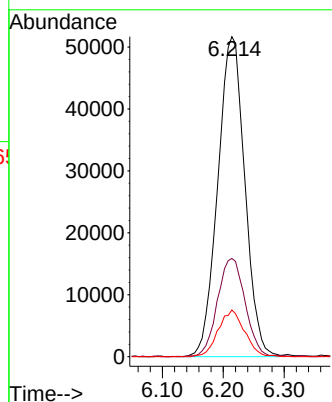
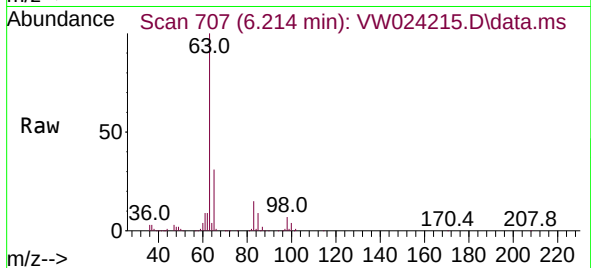
Tgt Ion: 63 Resp: 159117

Ion Ratio Lower Upper

63 100

65 30.7 22.0 41.0

83 14.6 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 26.633 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

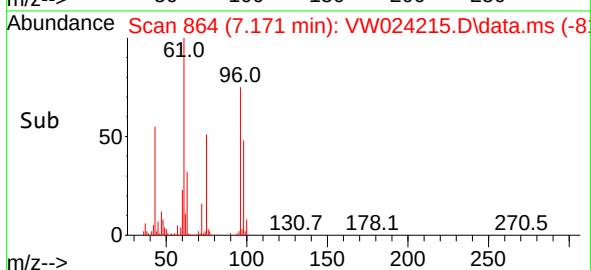
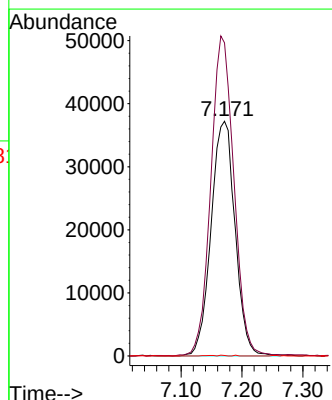
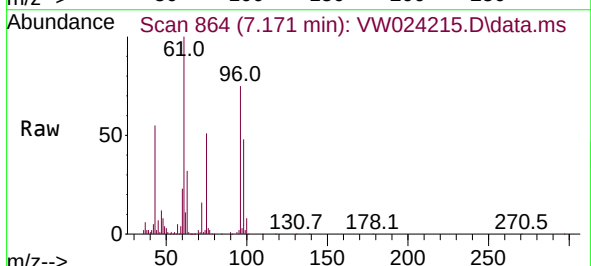
Tgt Ion: 96 Resp: 101862

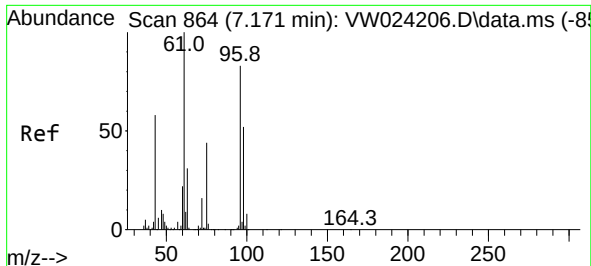
Ion Ratio Lower Upper

96 100

61 133.4 89.5 166.3

68 0.2 0.1 0.1#

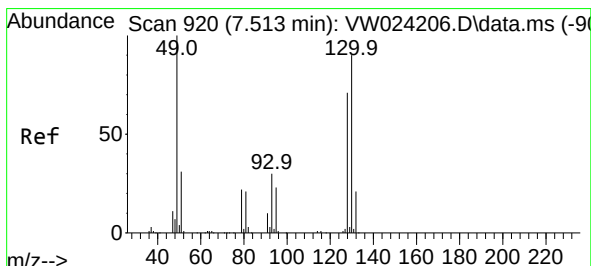
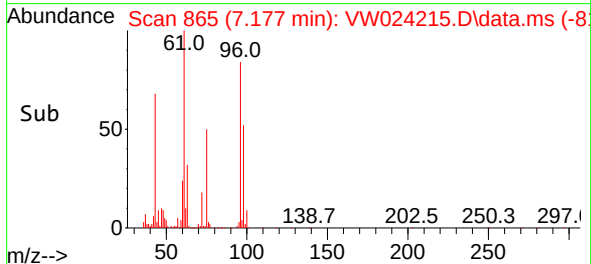
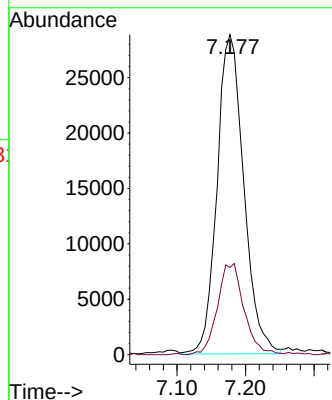
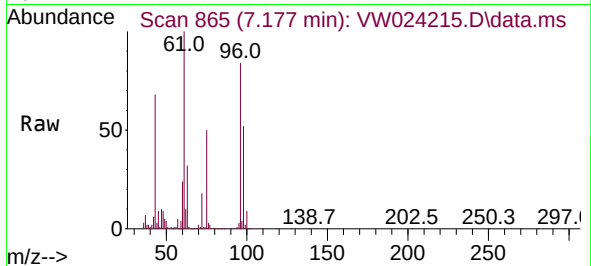




#22
2-Butanone
Concen: 64.496 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

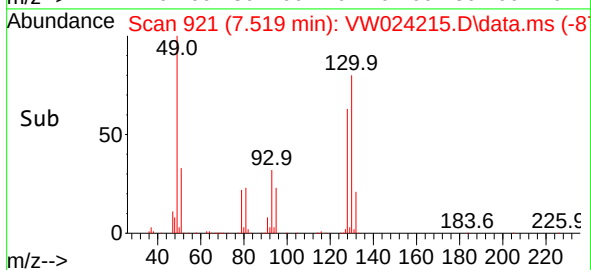
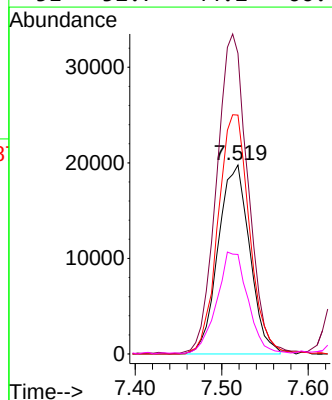
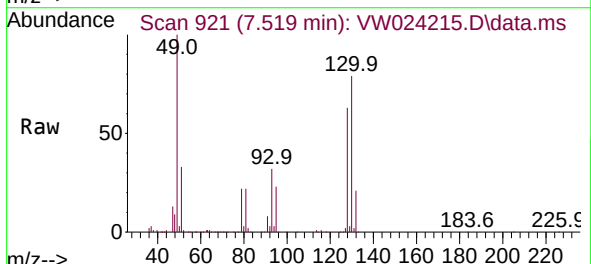
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

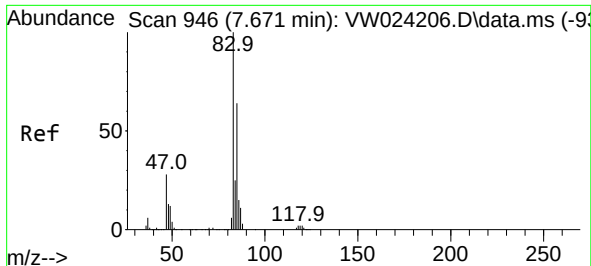
Tgt Ion: 43 Resp: 78053
Ion Ratio Lower Upper
43 100
72 27.9 14.3 42.9



#23
Bromochloromethane
Concen: 26.243 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 128 Resp: 49986
Ion Ratio Lower Upper
128 100
49 159.1 106.6 198.0
130 126.4 88.1 163.5
51 52.7 44.2 66.4

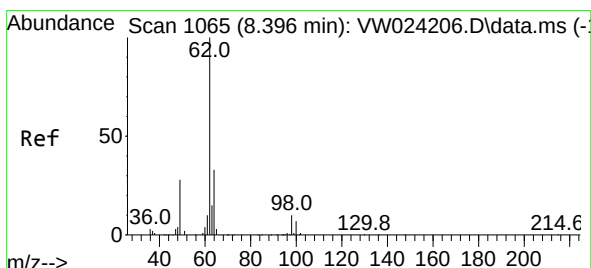
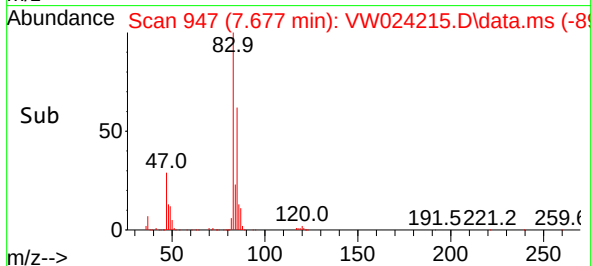
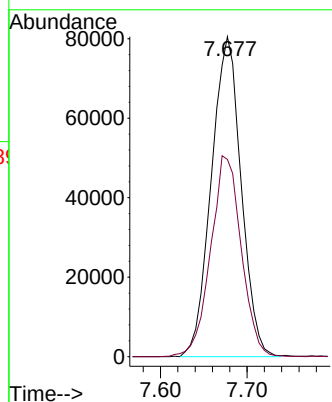
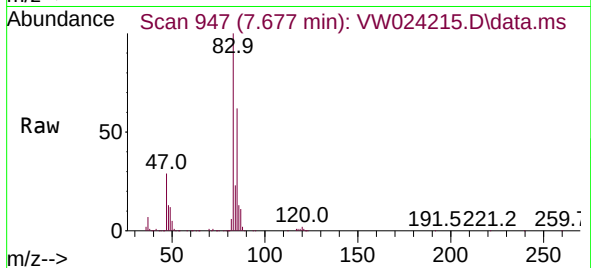




#25
Chloroform
Concen: 28.507 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

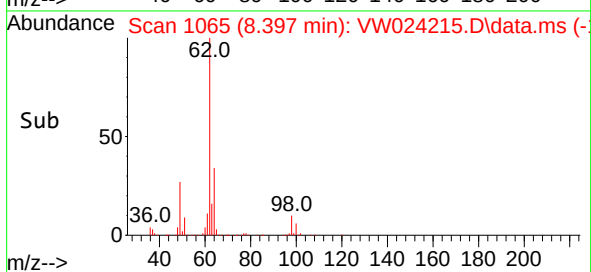
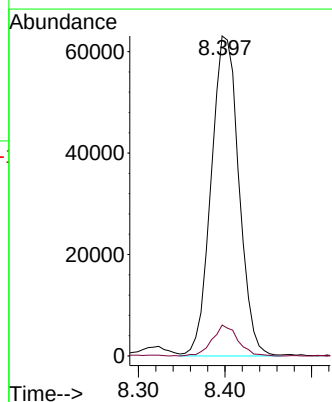
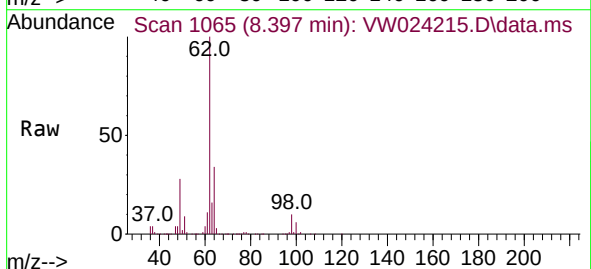
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

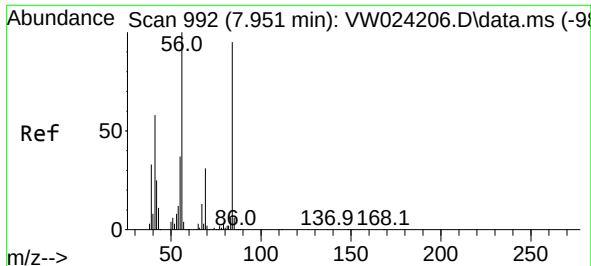
Tgt Ion: 83 Resp: 192701
Ion Ratio Lower Upper
83 100
85 61.7 42.9 79.7



#27
1,2-Dichloroethane
Concen: 30.849 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 62 Resp: 140323
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 24.626 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

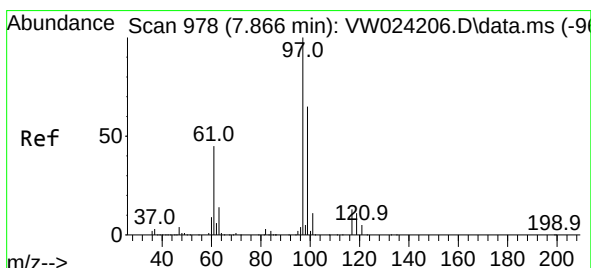
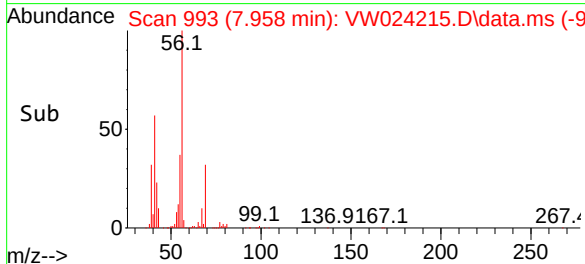
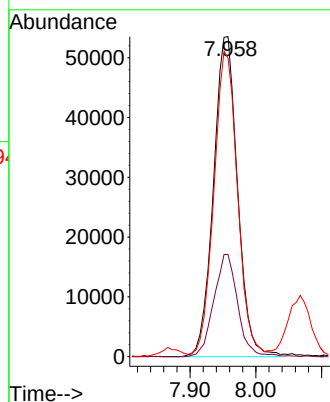
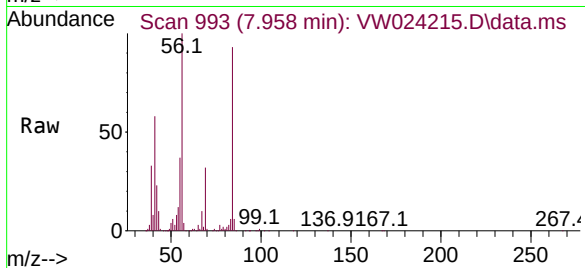
Tgt Ion: 56 Resp: 136564

Ion Ratio Lower Upper

56 100

69 31.4 24.5 36.7

84 93.5 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 24.148 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

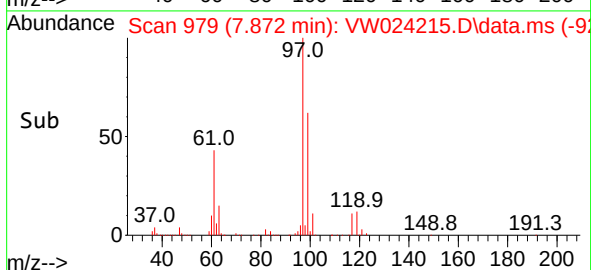
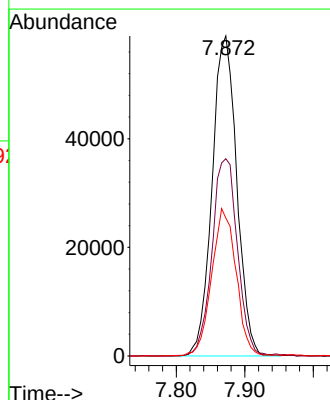
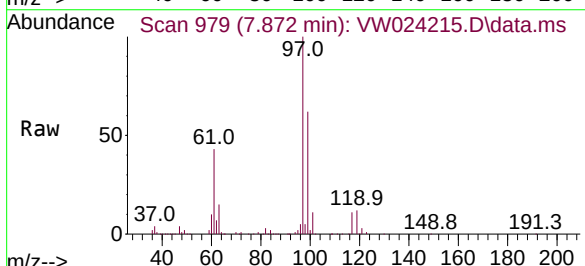
Tgt Ion: 97 Resp: 147307

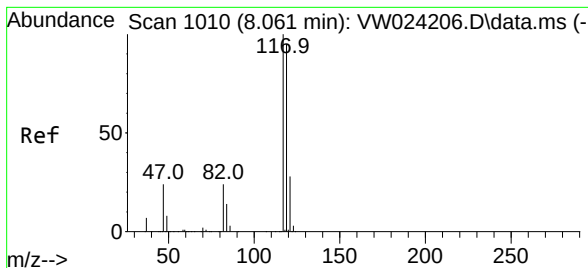
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.6

61 45.4 36.2 54.2





#31

Carbon tetrachloride

Concen: 23.191 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

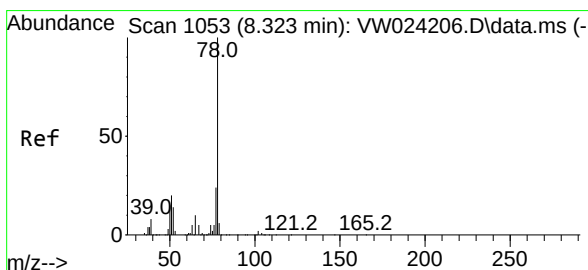
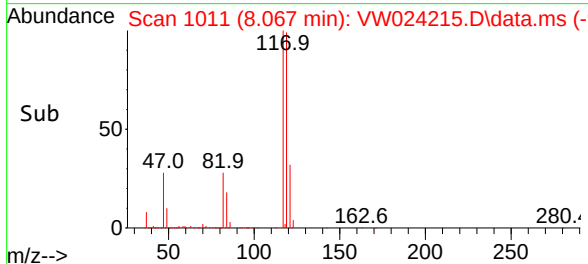
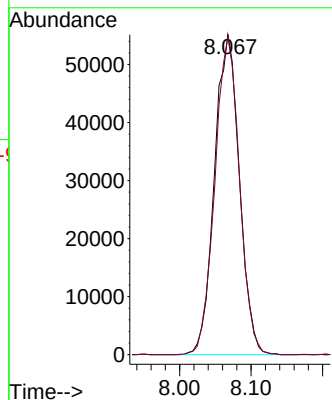
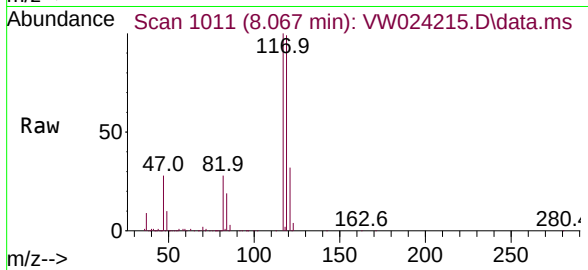
VSTD025527

Tgt Ion:117 Resp: 133463

Ion Ratio Lower Upper

117 100

119 98.3 77.8 116.8



#33

Benzene

Concen: 26.034 ug/L

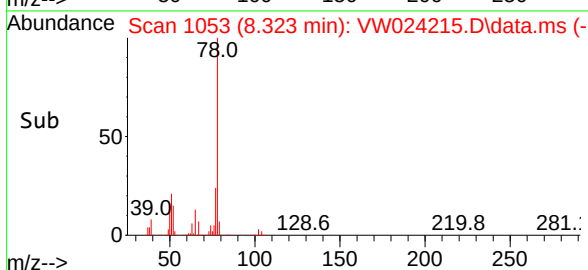
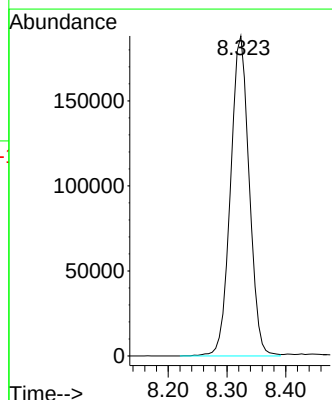
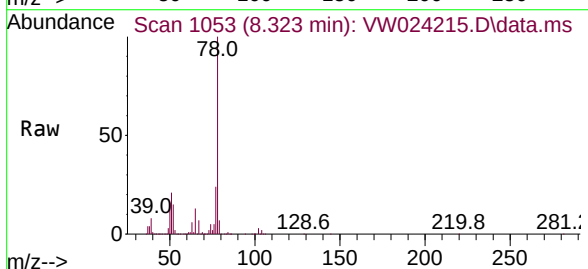
RT: 8.323 min Scan# 1053

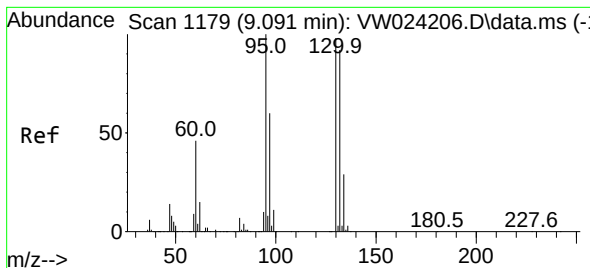
Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Tgt Ion: 78 Resp: 415918





#34

Trichloroethene

Concen: 24.483 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

Tgt Ion: 95 Resp: 103387

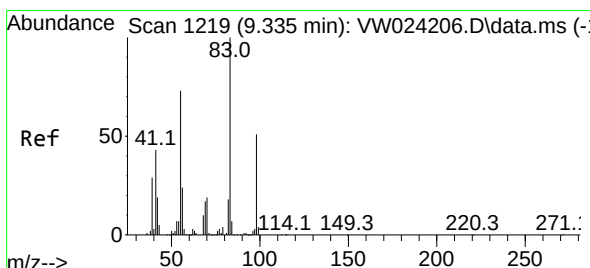
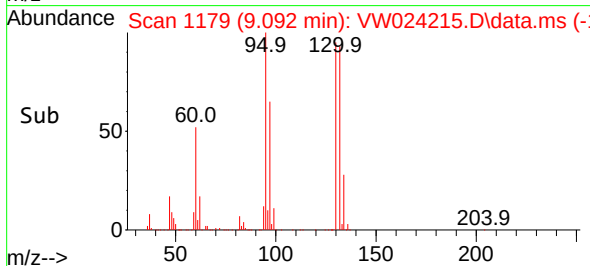
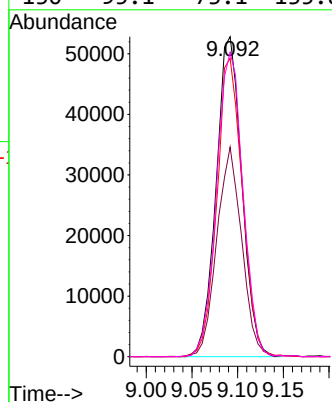
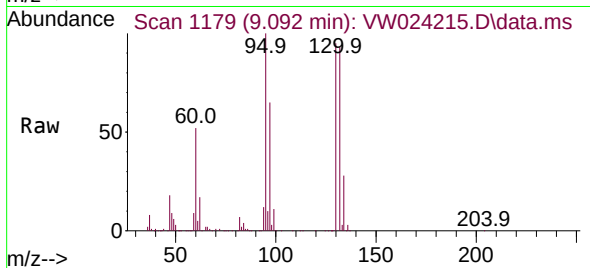
Ion Ratio Lower Upper

95 100

97 65.5 41.6 77.2

132 93.3 67.0 124.4

130 95.1 73.1 135.8



#35

Methylcyclohexane

Concen: 25.360 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

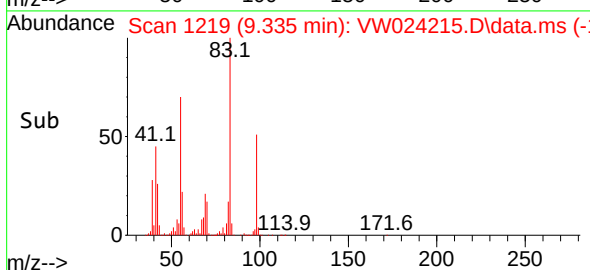
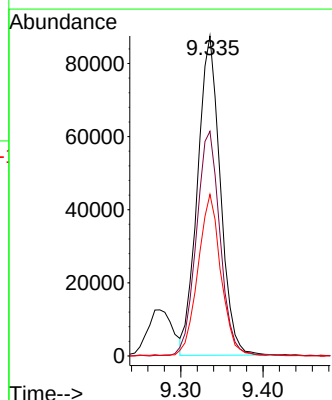
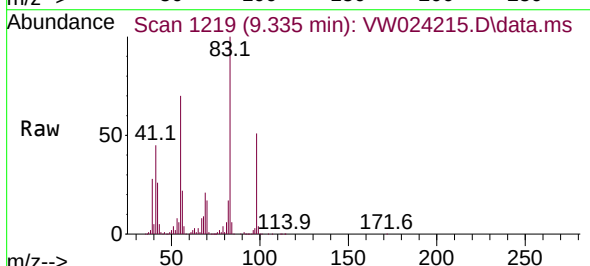
Tgt Ion: 83 Resp: 167930

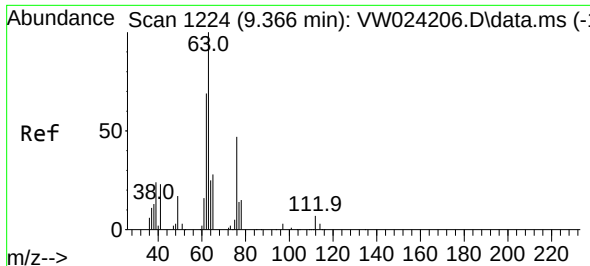
Ion Ratio Lower Upper

83 100

55 73.2 59.1 88.7

98 51.1 40.8 61.2





#37

1,2-Dichloropropane

Concen: 26.779 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

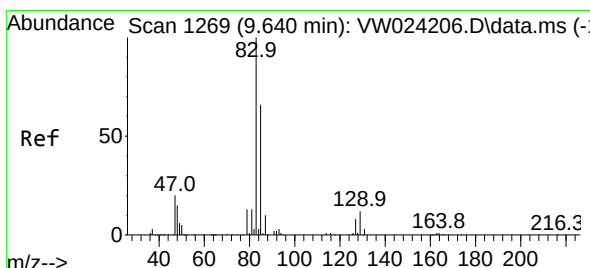
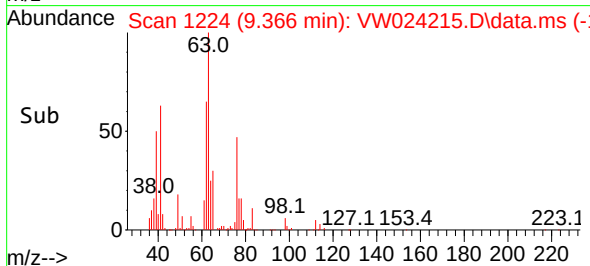
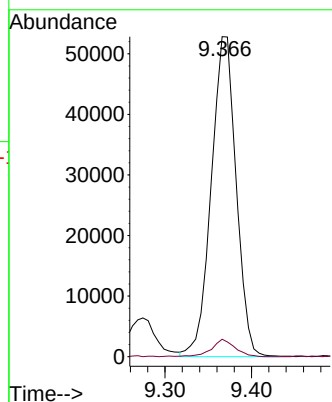
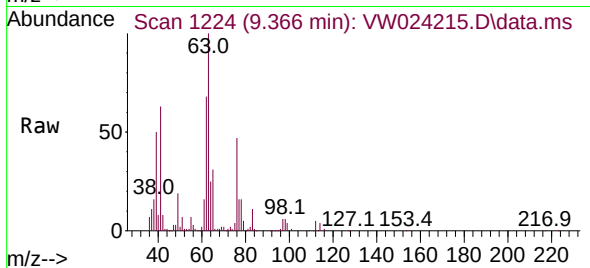
VSTD025527

Tgt Ion: 63 Resp: 105756

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 26.803 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

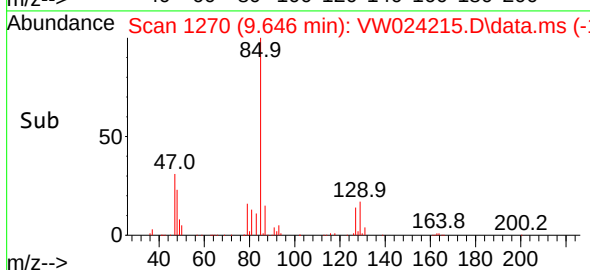
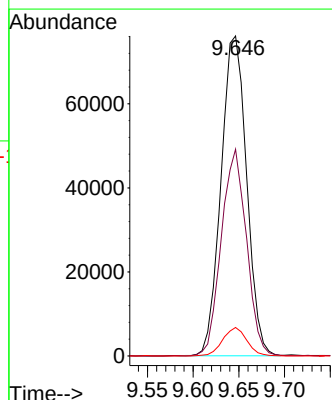
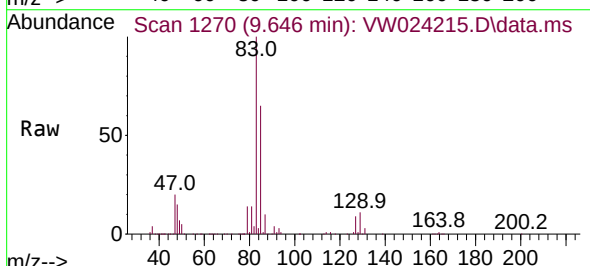
Tgt Ion: 83 Resp: 148464

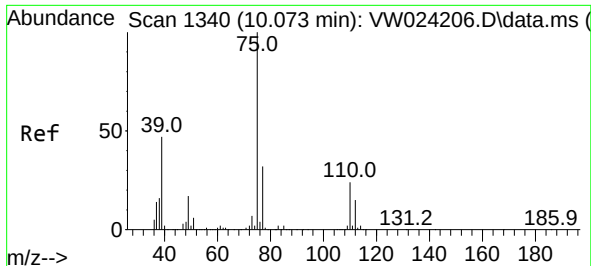
Ion Ratio Lower Upper

83 100

85 64.6 43.7 81.1

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 25.233 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

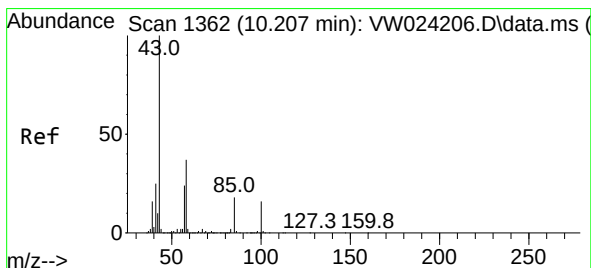
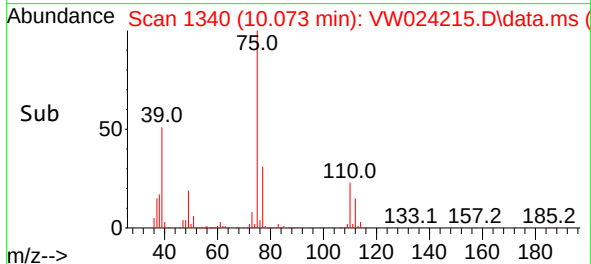
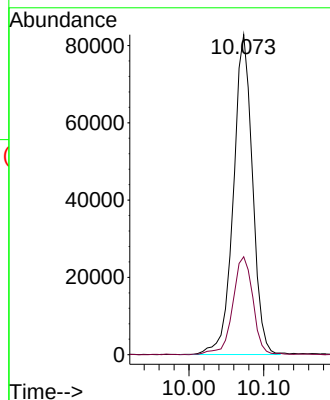
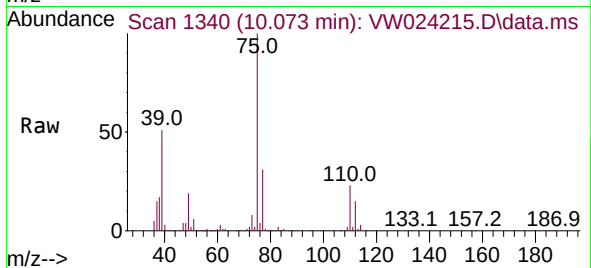
VSTD025527

Tgt Ion: 75 Resp: 146607

Ion Ratio Lower Upper

75 100

77 30.6 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 67.689 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

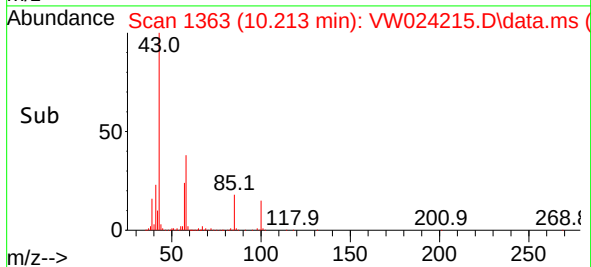
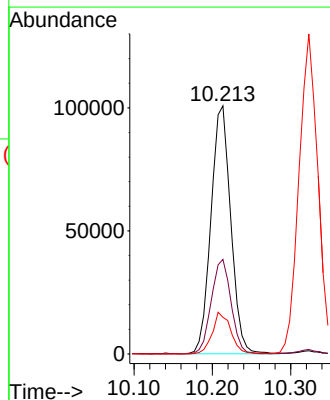
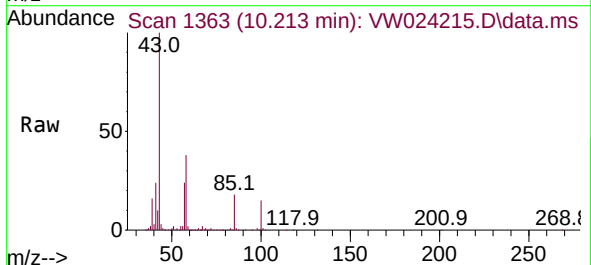
Tgt Ion: 43 Resp: 177413

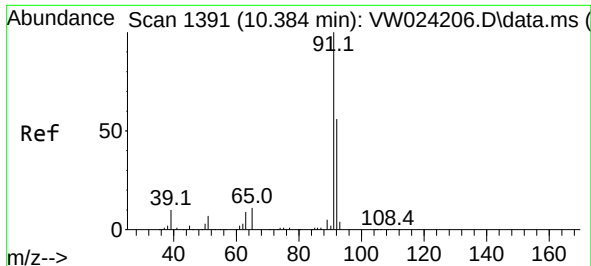
Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7

100 15.7 13.8 20.6

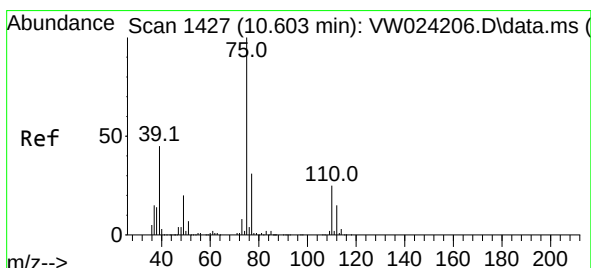
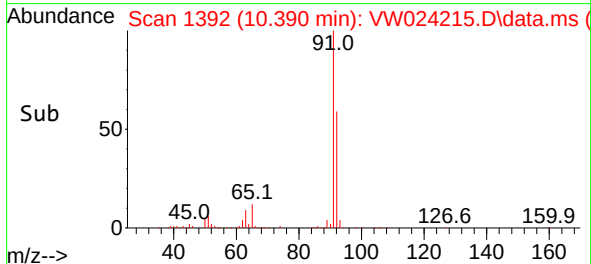
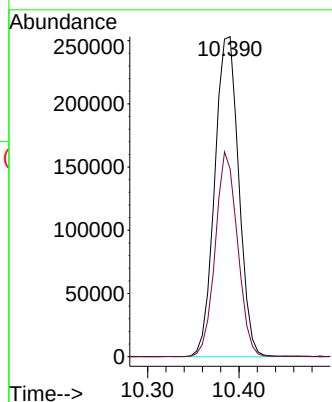
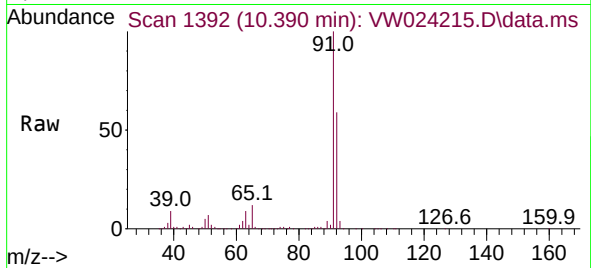




#42
Toluene
Concen: 27.247 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

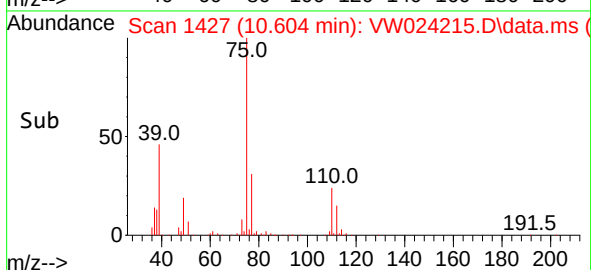
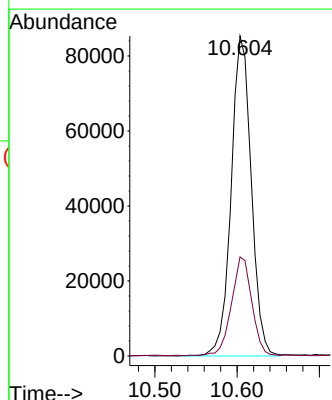
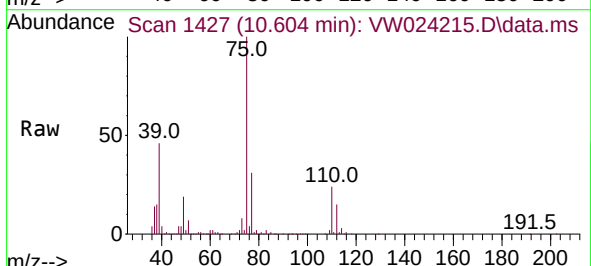
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

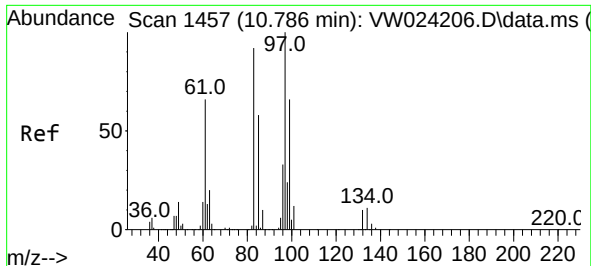
Tgt Ion: 91 Resp: 462569
Ion Ratio Lower Upper
91 100
92 58.7 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 27.331 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 75 Resp: 145095
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6

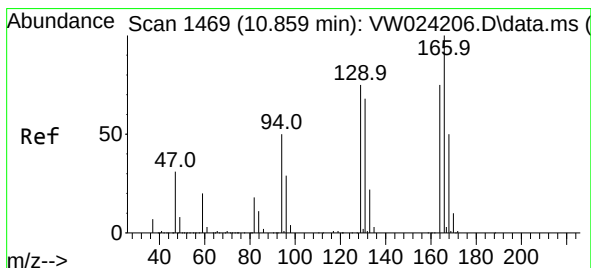
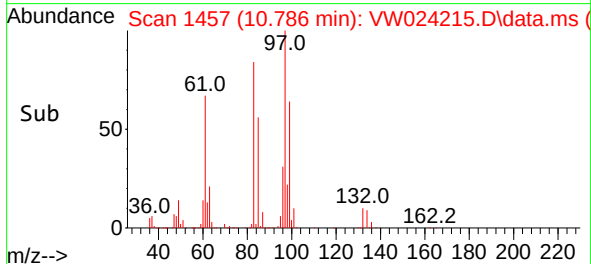
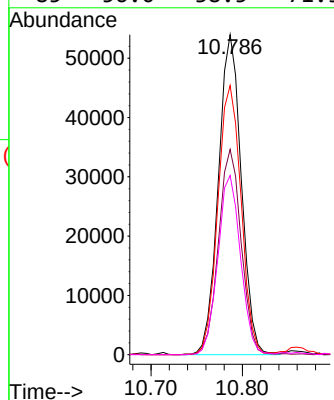
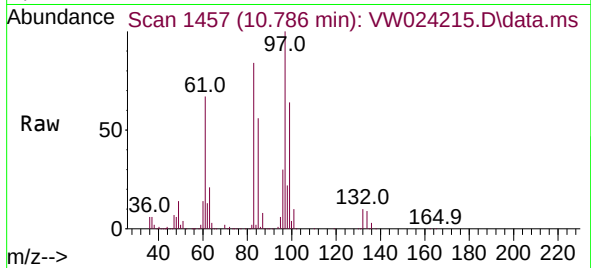




#45
1,1,2-Trichloroethane
Concen: 28.306 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

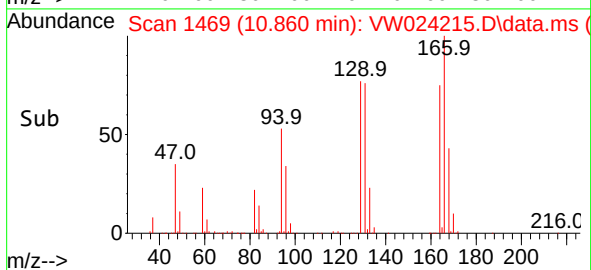
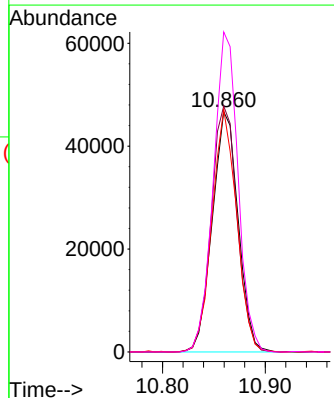
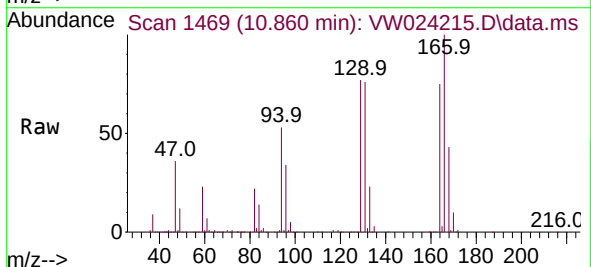
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

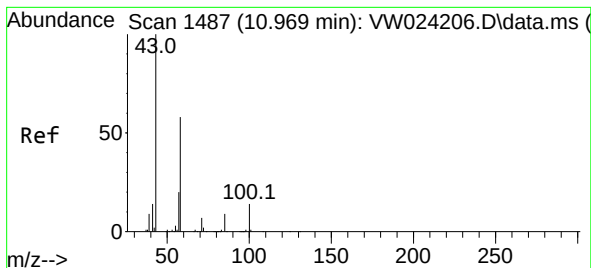
Tgt Ion: 97	Resp: 94221
Ion Ratio	Lower Upper
97 100	
99 64.1	43.8 81.3
83 84.1	56.4 104.7
85 56.0	38.5 71.5



#46
Tetrachloroethene
Concen: 23.847 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt	Ion:164	Resp:	81523
Ion	Ratio	Lower	Upper
164	100		
129	102.3	63.1	117.3
131	100.9	63.9	118.7
166	133.1	86.8	161.2





#48

2-Hexanone

Concen: 73.965 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

Tgt Ion: 43 Resp: 131564

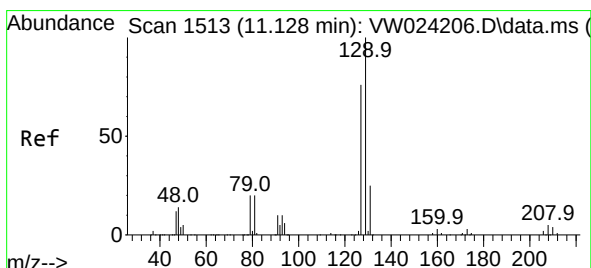
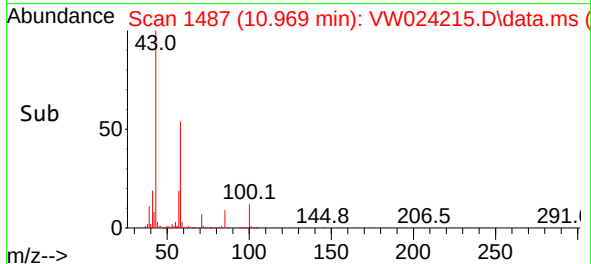
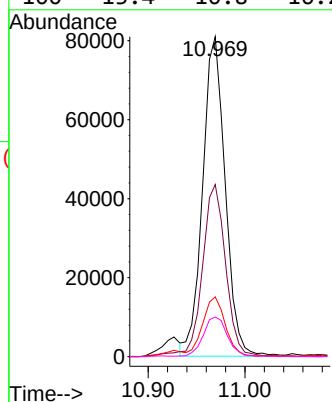
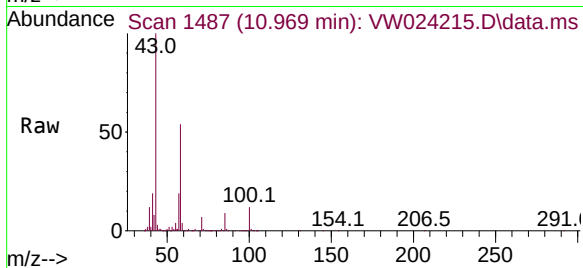
Ion Ratio Lower Upper

43 100

58 53.9 43.4 65.0

57 19.0 15.0 22.4

100 13.4 10.8 16.2



#49

Dibromochloromethane

Concen: 27.629 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024215.D

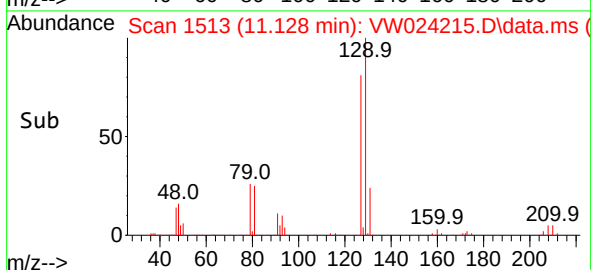
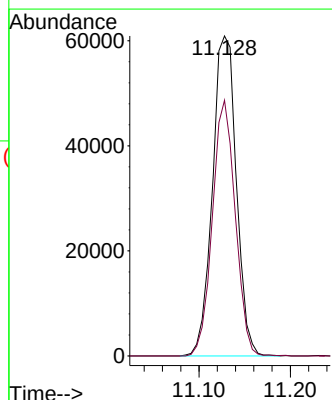
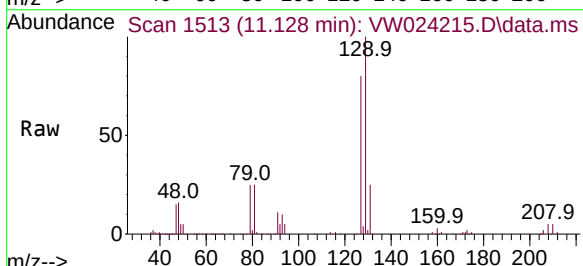
Acq: 09 Aug 2022 18:00

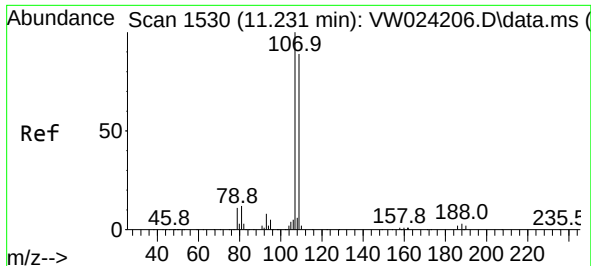
Tgt Ion:129 Resp: 110715

Ion Ratio Lower Upper

129 100

127 79.9 52.3 97.1

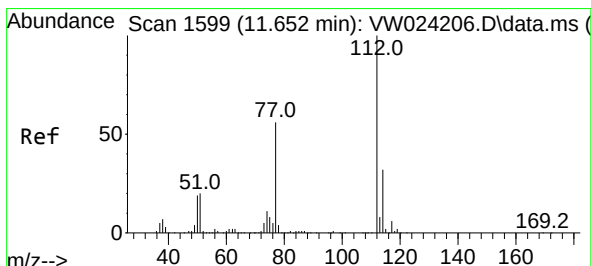
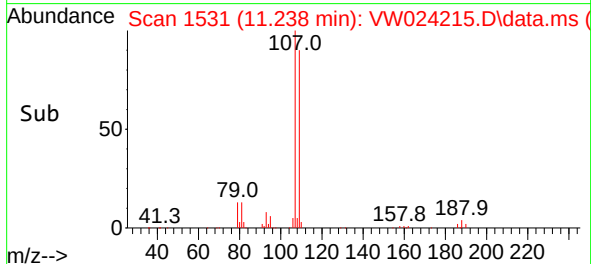
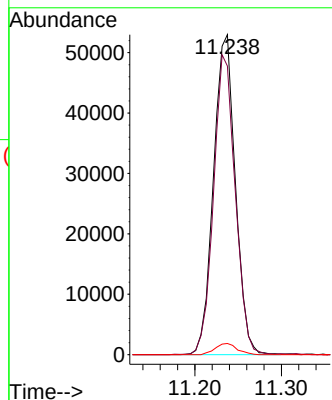
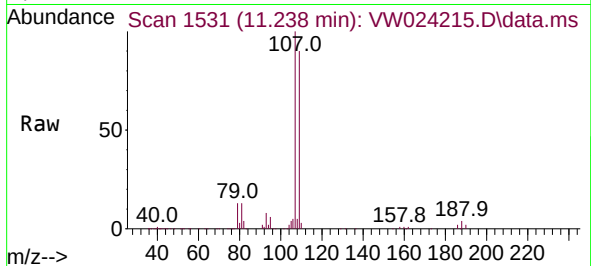




#50
1,2-Dibromoethane
Concen: 29.129 ug/L
RT: 11.238 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

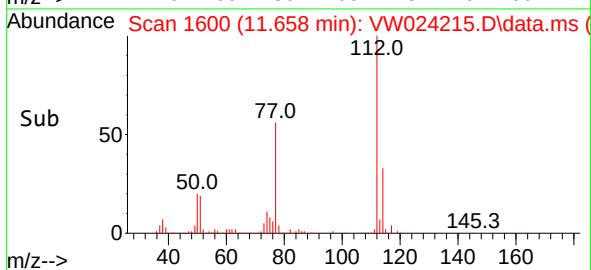
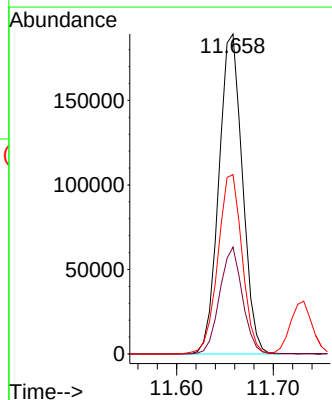
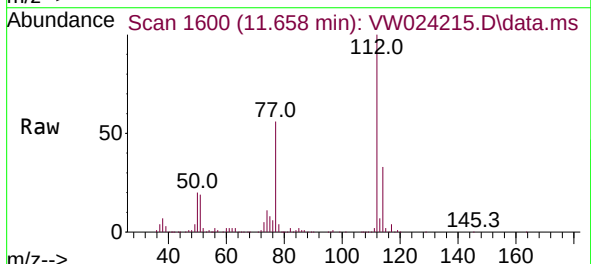
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

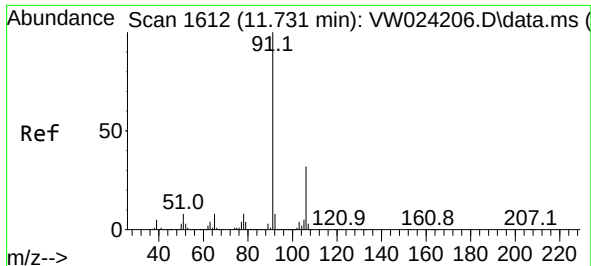
Tgt Ion:107 Resp: 92898
Ion Ratio Lower Upper
107 100
109 90.2 64.0 119.0
188 3.5 3.1 4.7



#51
Chlorobenzene
Concen: 27.582 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion:112 Resp: 319931
Ion Ratio Lower Upper
112 100
114 33.4 20.7 38.5
77 56.1 41.4 62.2

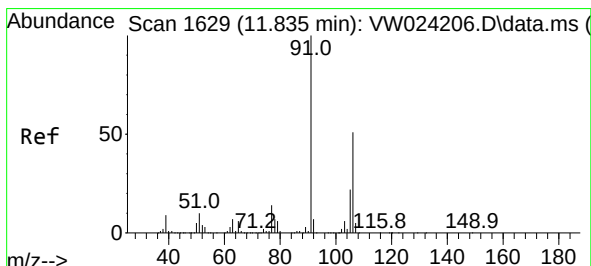
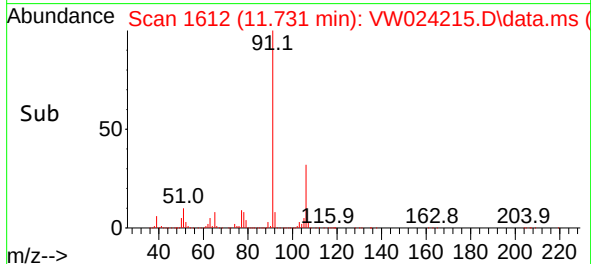
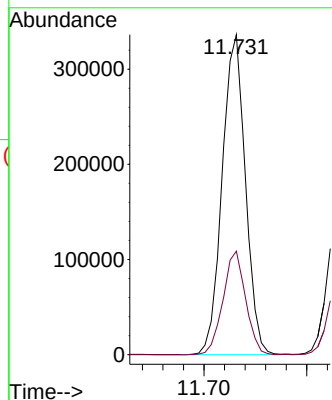
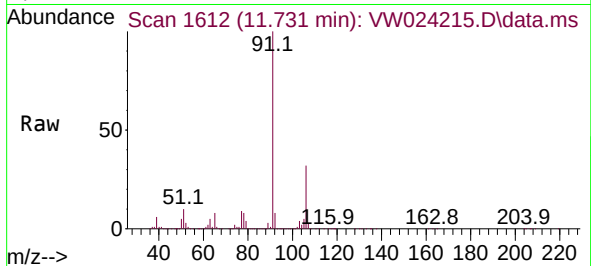




#52
Ethylbenzene
Concen: 28.308 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

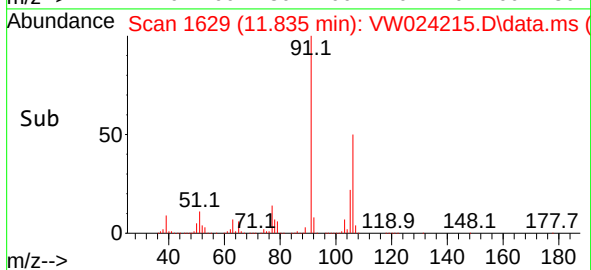
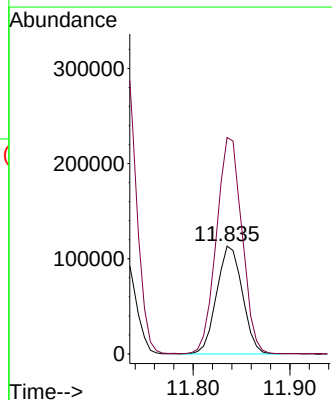
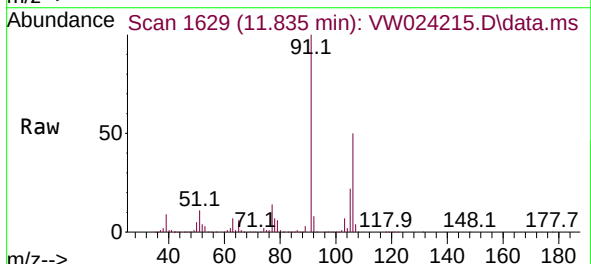
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

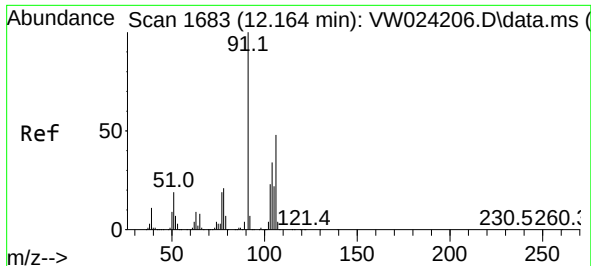
Tgt Ion: 91 Resp: 526542
Ion Ratio Lower Upper
91 100
106 32.3 21.9 40.7



#53
m,p-Xylene
Concen: 28.933 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion:106 Resp: 209484
Ion Ratio Lower Upper
106 100
91 200.8 144.1 267.7

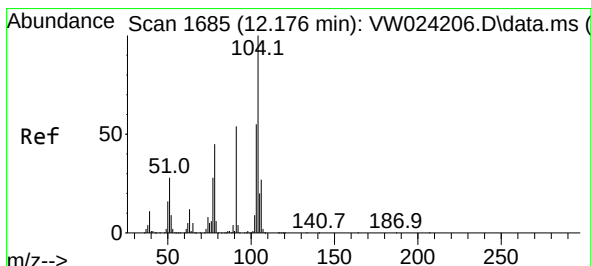
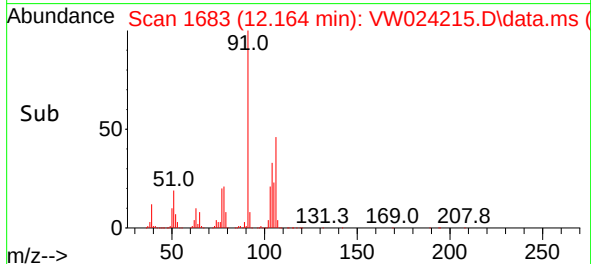
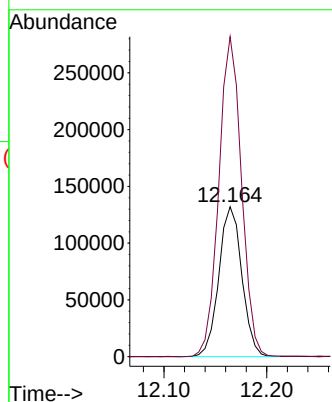
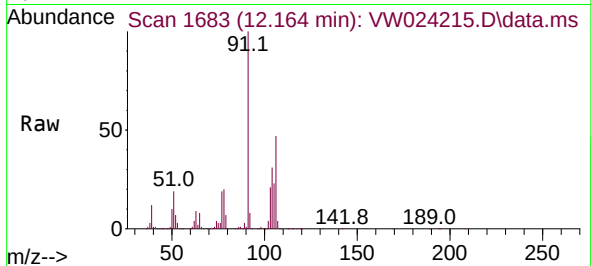




#54
o-Xylene
Concen: 30.080 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

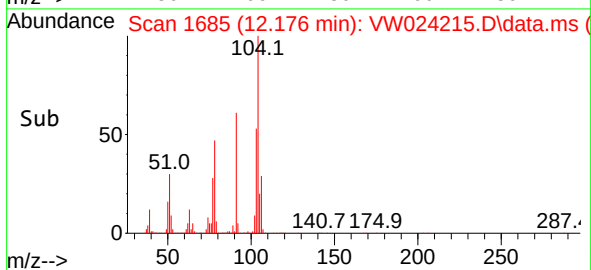
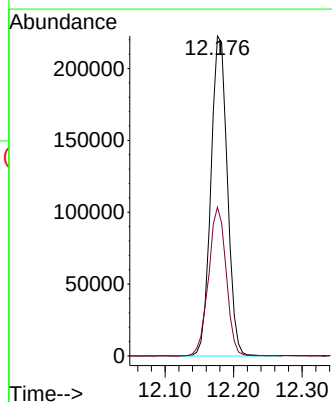
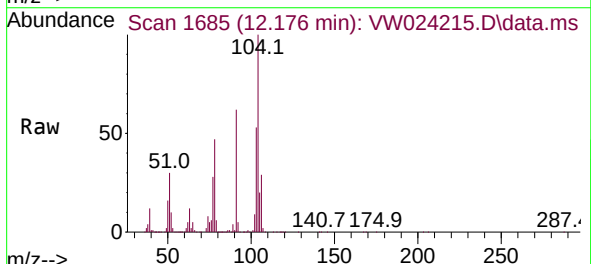
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

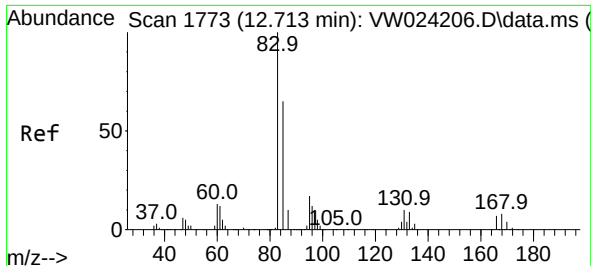
Tgt Ion:106 Resp: 205754
Ion Ratio Lower Upper
106 100
91 213.4 150.9 280.3



#55
Styrene
Concen: 31.287 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion:104 Resp: 372209
Ion Ratio Lower Upper
104 100
78 46.5 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 32.210 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

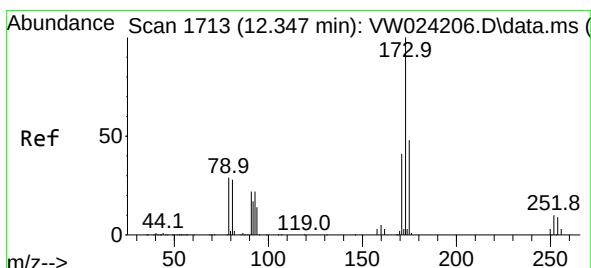
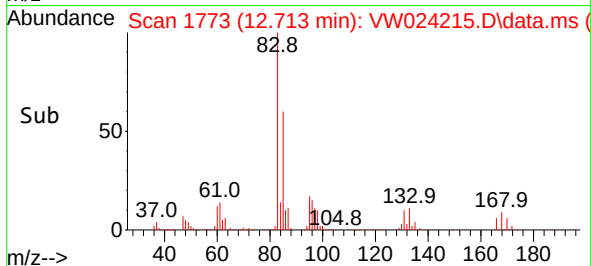
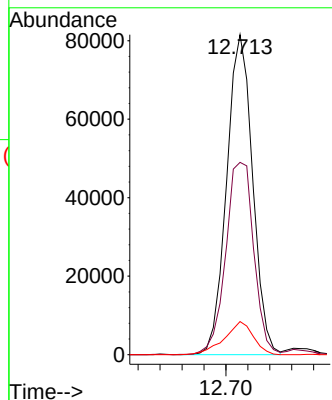
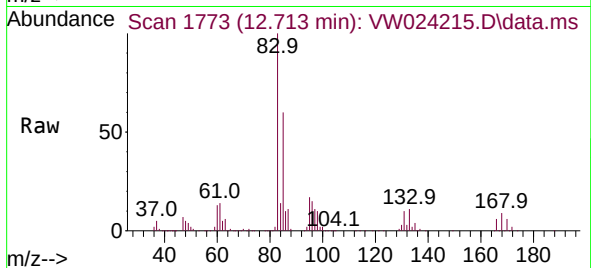
Tgt Ion: 83 Resp: 133995

Ion Ratio Lower Upper

83 100

85 60.1 44.1 81.9

131 10.3 8.3 12.5



#59

Bromoform

Concen: 28.781 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

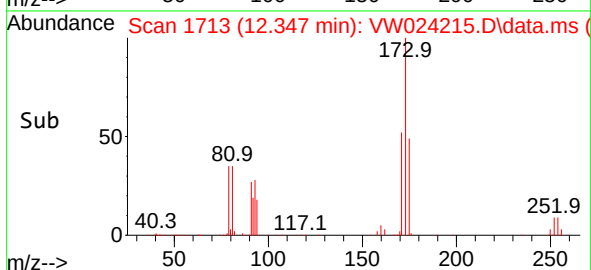
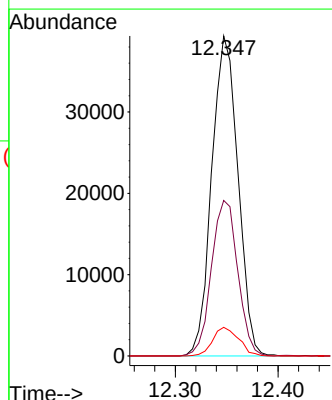
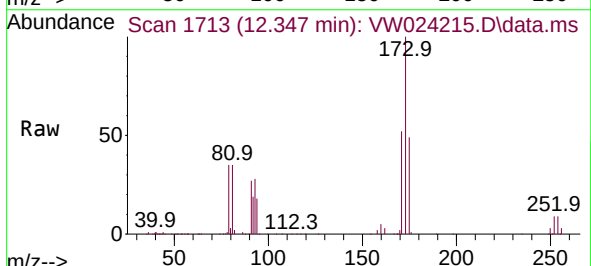
Tgt Ion: 173 Resp: 69747

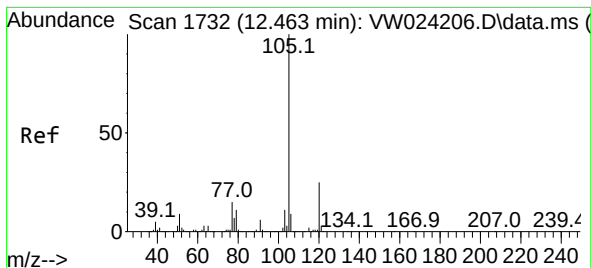
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 8.9 6.8 10.2

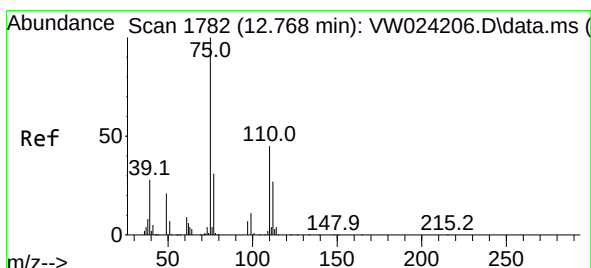
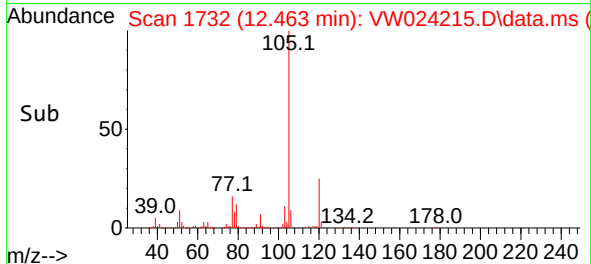
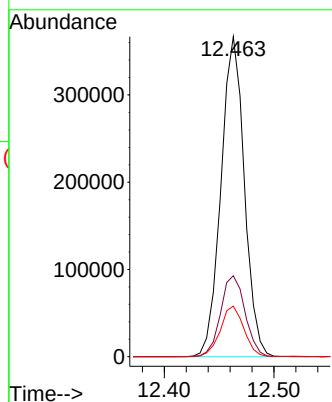
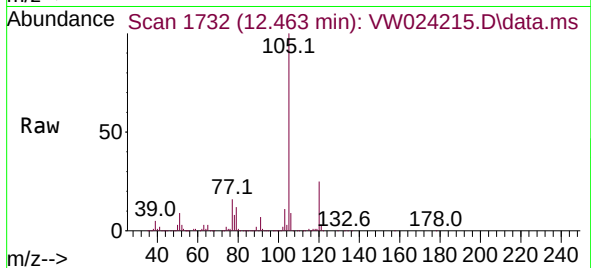




#60
Isopropylbenzene
Concen: 28.236 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

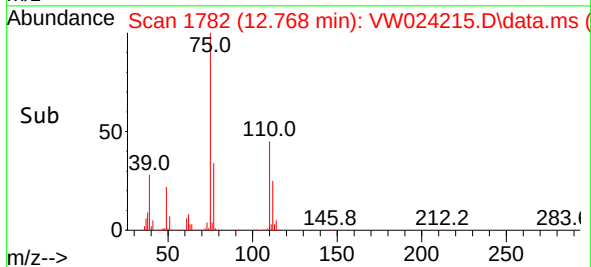
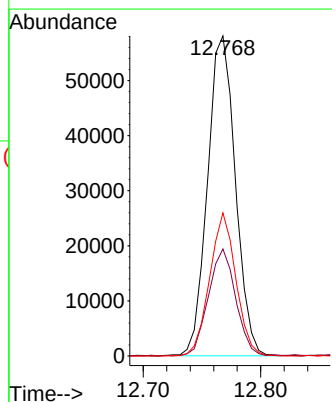
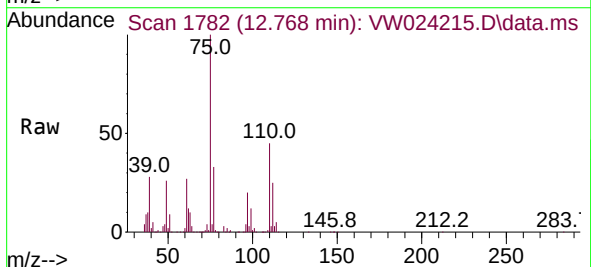
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

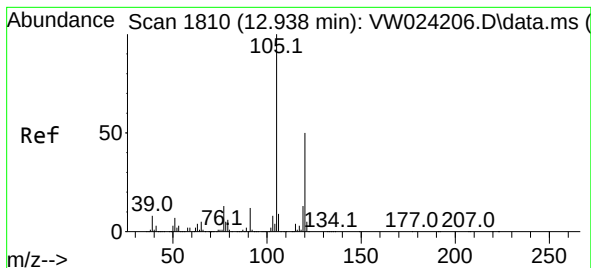
Tgt Ion:105 Resp: 543047
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 16.0 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 30.220 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion: 75 Resp: 95547
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 42.1 33.6 50.4

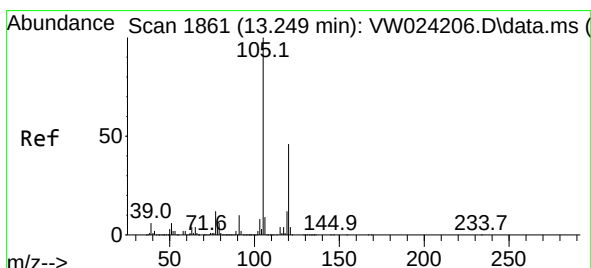
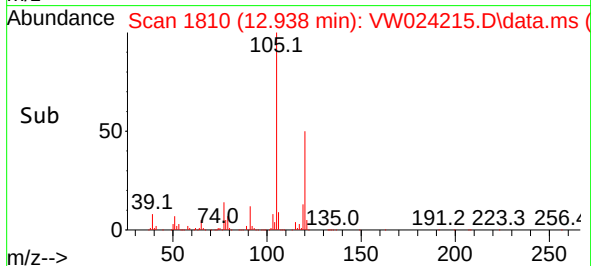
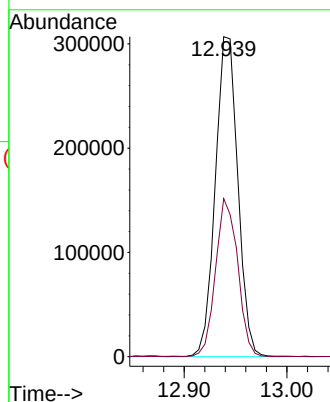
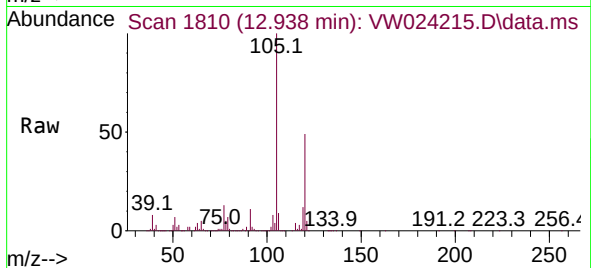




#62
1,3,5-Trimethylbenzene
Concen: 29.391 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

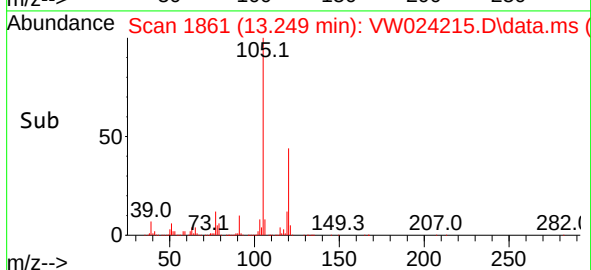
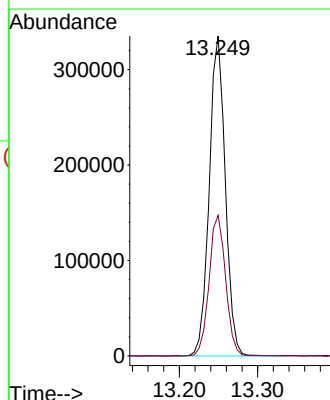
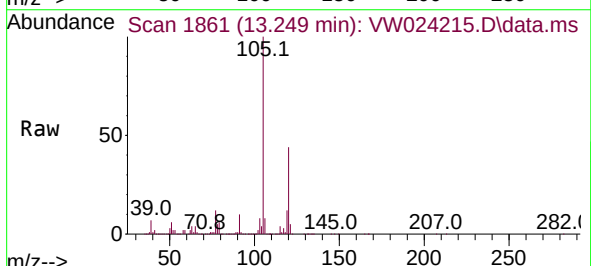
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

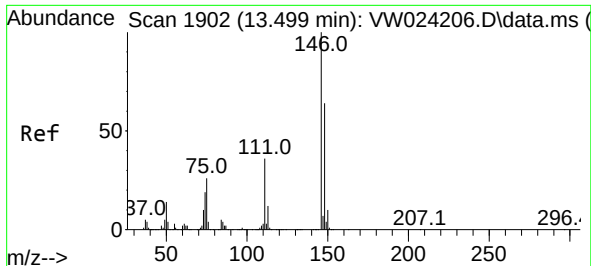
Tgt Ion:105 Resp: 467131
Ion Ratio Lower Upper
105 100
120 48.4 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 30.400 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion:105 Resp: 475843
Ion Ratio Lower Upper
105 100
120 45.2 36.4 54.6

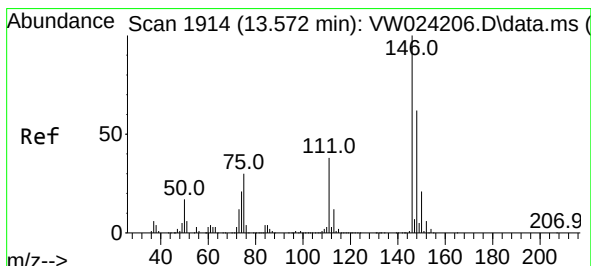
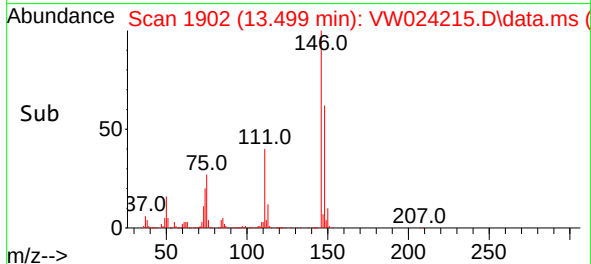
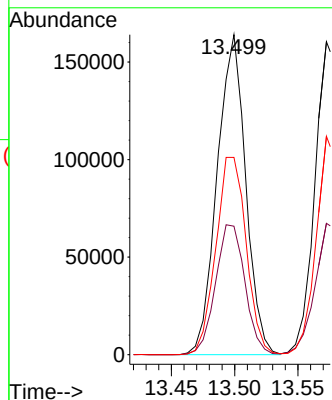
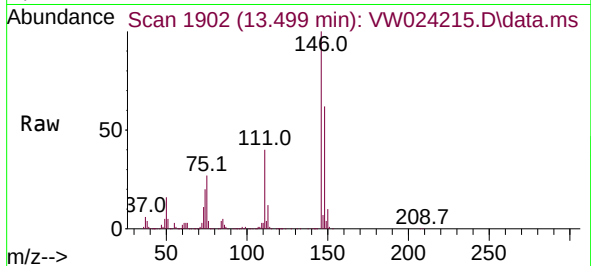




#64
1,3-Dichlorobenzene
Concen: 27.316 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

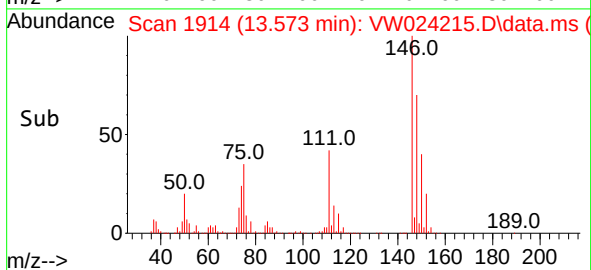
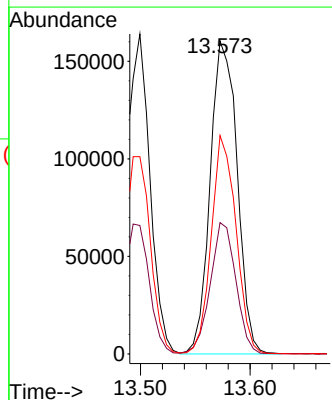
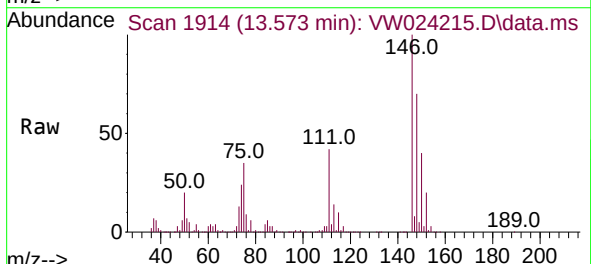
Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

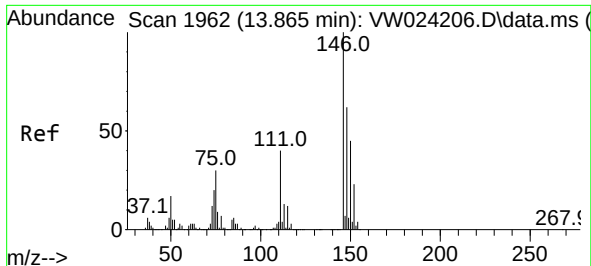
Tgt Ion:146 Resp: 257262
Ion Ratio Lower Upper
146 100
111 40.1 28.0 52.0
148 61.6 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 27.523 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion:146 Resp: 274475
Ion Ratio Lower Upper
146 100
111 42.0 27.6 51.4
148 69.8 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 28.910 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

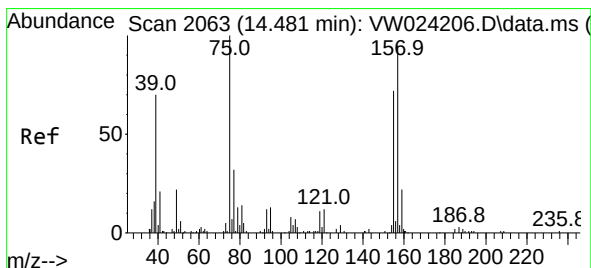
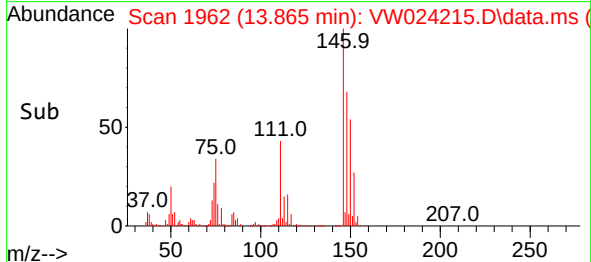
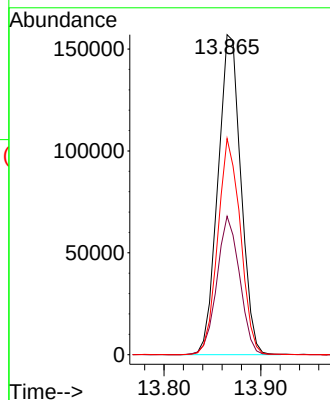
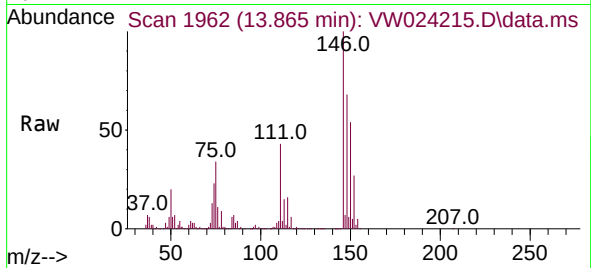
Tgt Ion:146 Resp: 258549

Ion Ratio Lower Upper

146 100

111 43.3 29.0 43.6

148 67.5 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 32.779 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

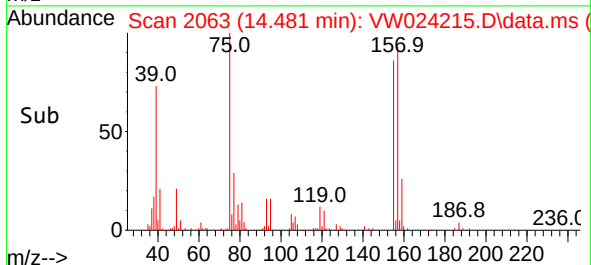
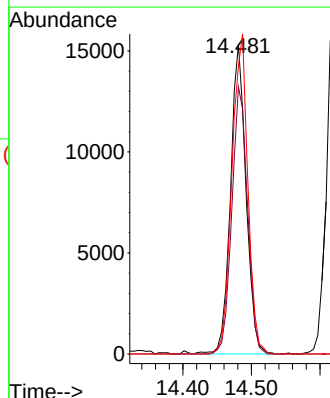
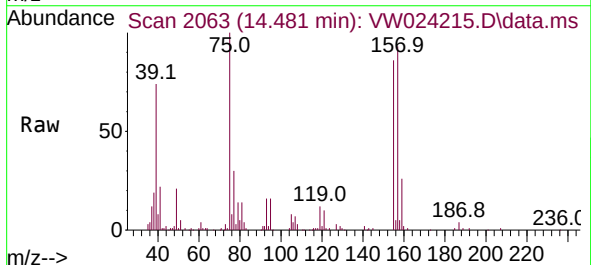
Tgt Ion: 75 Resp: 24214

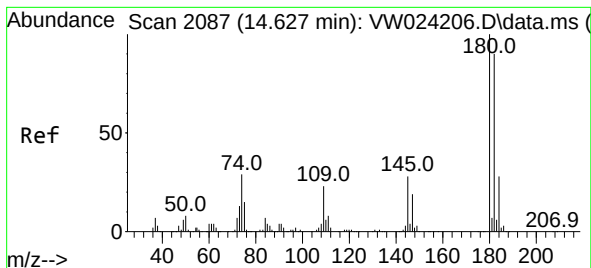
Ion Ratio Lower Upper

75 100

155 86.2 68.8 103.2

157 93.1 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 31.655 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025527

Tgt Ion:180 Resp: 195486

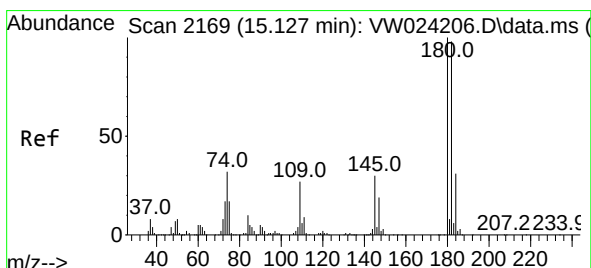
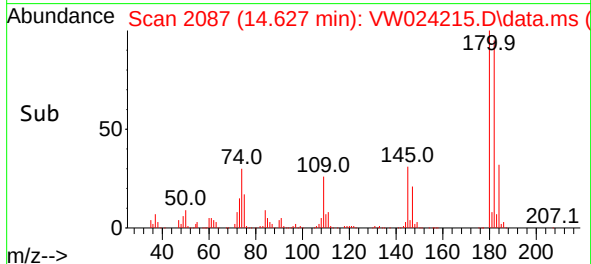
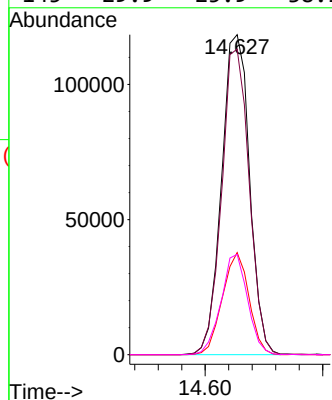
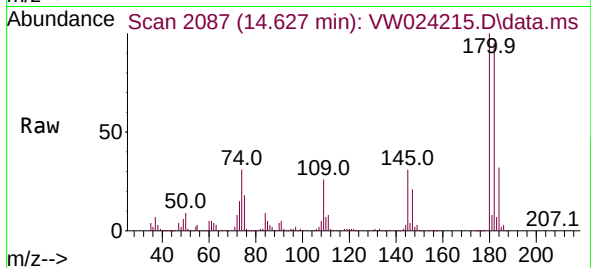
Ion Ratio Lower Upper

180 100

182 94.3 78.4 117.6

184 30.3 24.7 37.1

145 29.9 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 31.592 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW024215.D

Acq: 09 Aug 2022 18:00

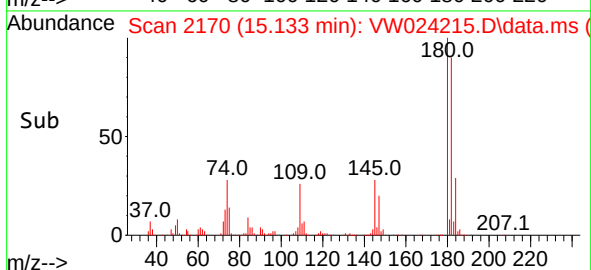
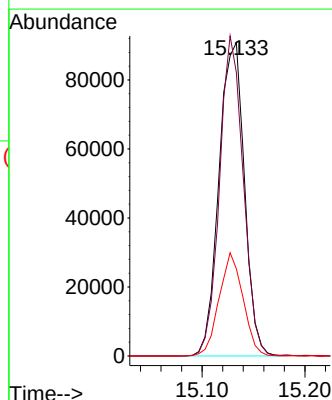
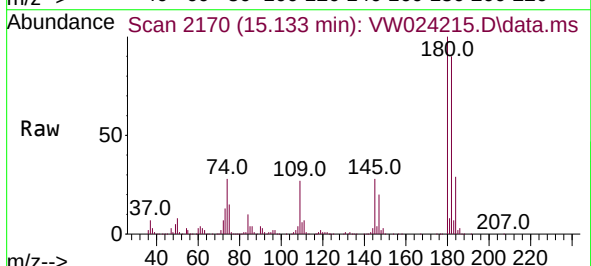
Tgt Ion:180 Resp: 156240

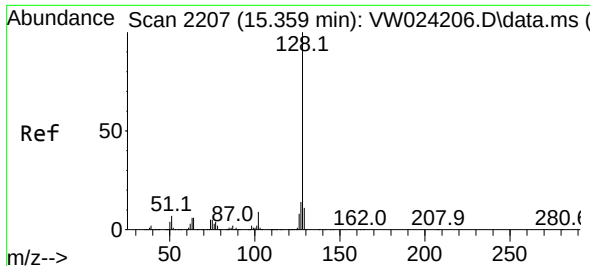
Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.4

145 30.9 25.1 37.7

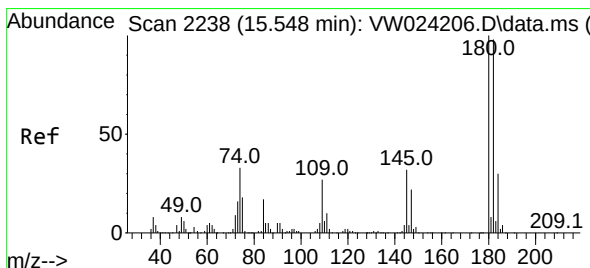
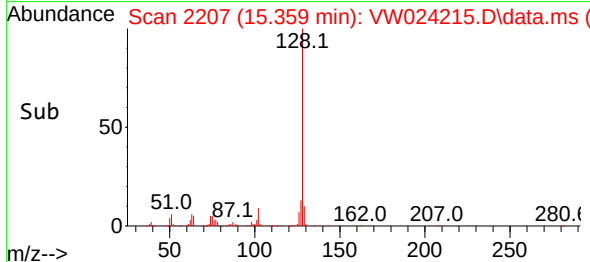
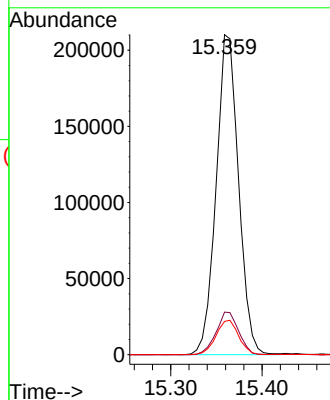
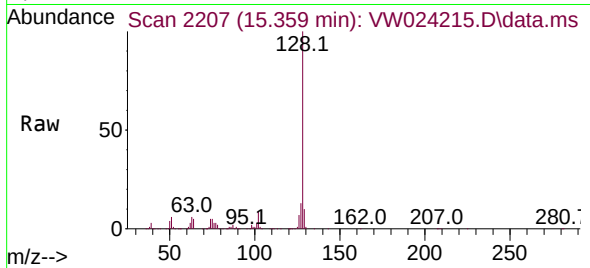




#71
Naphthalene
Concen: 37.267 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025527

Tgt Ion:128 Resp: 358991
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 33.251 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024215.D
Acq: 09 Aug 2022 18:00

Tgt Ion:180 Resp: 149715
Ion Ratio Lower Upper
180 100
182 98.2 75.4 113.2
145 33.1 26.9 40.3

