

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092222\
 Data File : VW024630.D
 Acq On : 22 Sep 2022 15:10
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Sep 23 00:43:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 23 00:42:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	363068	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	389370	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	215385	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	206175	24.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.560%
7) Chloroethane-d5	2.879	69	158772	22.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.760%
11) 1,1-Dichloroethene-d2	4.019	63	199860	21.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.000%
21) 2-Butanone-d5	7.086	46	48609	42.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.680%
24) Chloroform-d	7.647	84	238761	23.124	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.480%
26) 1,2-Dichloroethane-d4	8.305	65	142583	25.525	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.080%
32) Benzene-d6	8.275	84	488919	22.396	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	9.268	67	140898	22.497	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.000%
41) Toluene-d8	10.323	98	502108	23.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	10.579	79	64072	22.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.640%
47) 2-Hexanone-d5	10.921	63	48766	48.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	133835	24.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	13.847	152	179128	23.230	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	51806	31.402	ug/L	94
3) Chloromethane	2.215	50	182565	28.234	ug/L	99
5) Vinyl chloride	2.361	62	256224	28.112	ug/L	99
6) Bromomethane	2.776	94	222332	27.463	ug/L	96
8) Chloroethane	2.916	64	141594	25.149	ug/L	99
9) Trichlorofluoromethane	3.257	101	155225	43.538	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	106130	20.526	ug/L	94
12) 1,1-Dichloroethene	4.032	96	101170	22.222	ug/L	91
13) Acetone	4.141	43	33857	39.888	ug/L	92
14) Carbon disulfide	4.379	76	325123	22.910	ug/L	95
15) Methyl Acetate	4.678	43	46318	23.410	ug/L	98
16) Methylene chloride	4.916	84	130963	21.317	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	126953	24.072	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	209799	25.483	ug/L	97
19) 1,1-Dichloroethane	6.214	63	218933	25.171	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	135635	25.228	ug/L #	93
22) 2-Butanone	7.177	43	64314	50.215	ug/L	97
23) Bromochloromethane	7.507	128	35361	13.844	ug/L	85
25) Chloroform	7.677	83	247064	25.785	ug/L	94

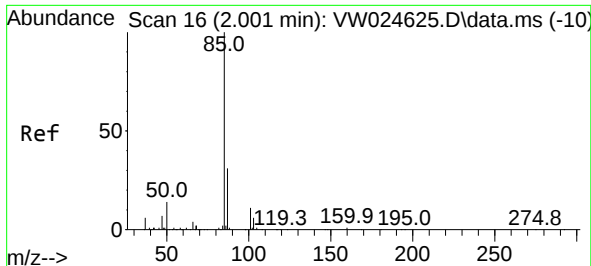
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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 23 00:42:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	182669	28.739	ug/L	98
29) Cyclohexane	7.952	56	202648	23.288	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	206320	22.813	ug/L	97
31) Carbon tetrachloride	8.067	117	191255	22.226	ug/L	98
33) Benzene	8.323	78	584310	25.193	ug/L	100
34) Trichloroethene	9.086	95	147956	23.540	ug/L	92
35) Methylcyclohexane	9.335	83	261299	24.916	ug/L	99
37) 1,2-Dichloropropane	9.366	63	141293	25.936	ug/L	100
38) Bromodichloromethane	9.640	83	198385	25.595	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	219028	25.778	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	168890	53.979	ug/L	99
42) Toluene	10.384	91	701460	26.940	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	201205	26.660	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	116356	25.665	ug/L	97
46) Tetrachloroethene	10.860	164	121945	24.658	ug/L	91
48) 2-Hexanone	10.963	43	119228	55.537	ug/L	99
49) Dibromochloromethane	11.128	129	143296	26.149	ug/L	94
50) 1,2-Dibromoethane	11.231	107	115114	26.023	ug/L #	99
51) Chlorobenzene	11.658	112	452904	26.375	ug/L	94
52) Ethylbenzene	11.731	91	776486	27.149	ug/L	99
53) m,p-Xylene	11.835	106	313025	27.560	ug/L	94
54) o-Xylene	12.164	106	302829	28.421	ug/L	99
55) Styrene	12.176	104	525305	28.663	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	145526	26.832	ug/L	99
59) Bromoform	12.347	173	81492	25.903	ug/L	96
60) Isopropylbenzene	12.463	105	809915	26.795	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	104386	25.982	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	678658	27.636	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	676046	27.513	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	357094	26.196	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	357300	25.481	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	321898	25.574	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	21830	23.334	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	215892	24.093	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	180671	25.201	ug/L	99
71) Naphthalene	15.359	128	380937	26.577	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	160928	24.703	ug/L	98

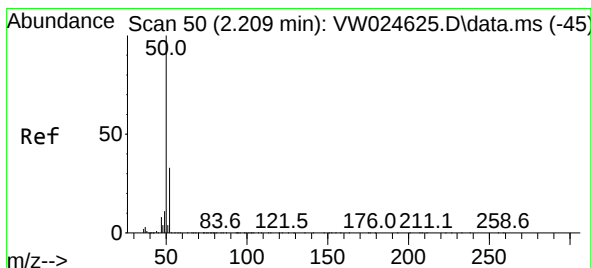
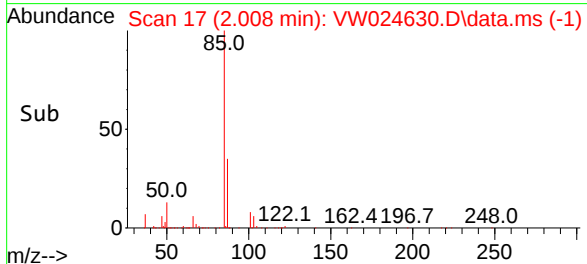
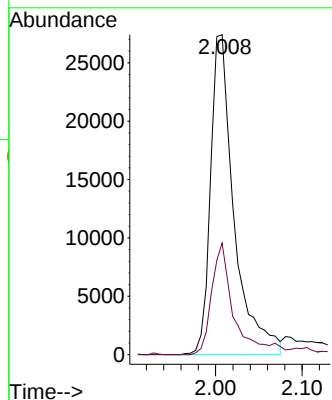
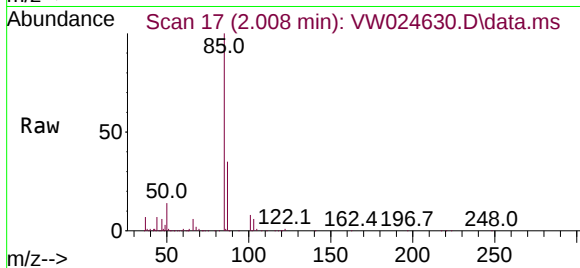
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 31.402 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024630.D
 Acq: 22 Sep 2022 15:10

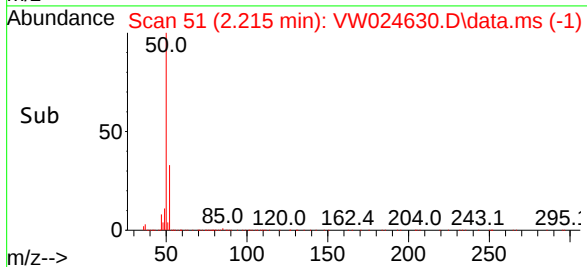
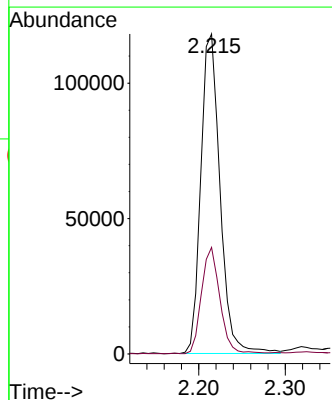
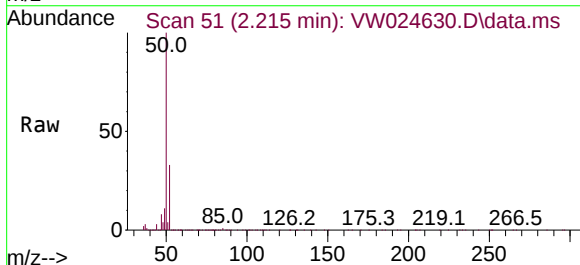
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

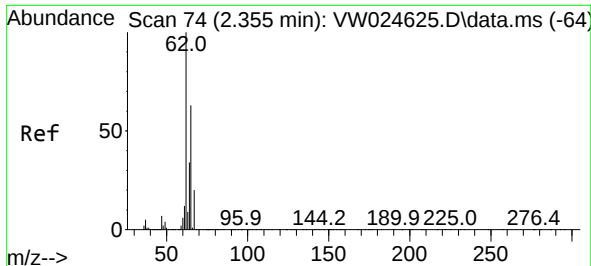
Tgt Ion: 85 Resp: 51806
 Ion Ratio Lower Upper
 85 100
 87 31.5 27.9 41.9



#3
 Chloromethane
 Concen: 28.234 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW024630.D
 Acq: 22 Sep 2022 15:10

Tgt Ion: 50 Resp: 182565
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.9 44.3

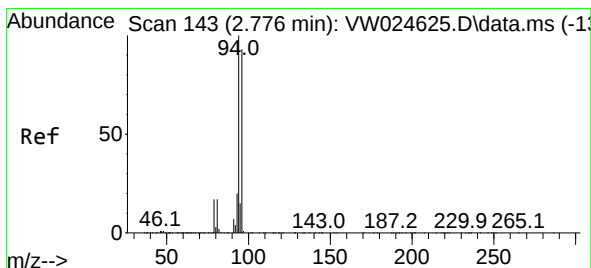
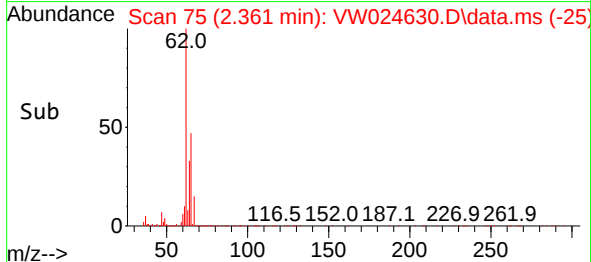
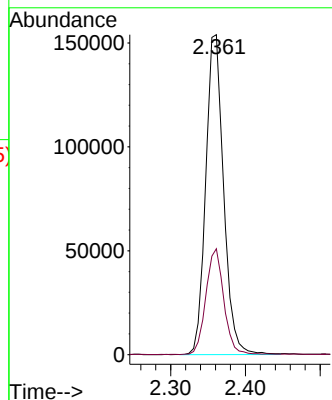
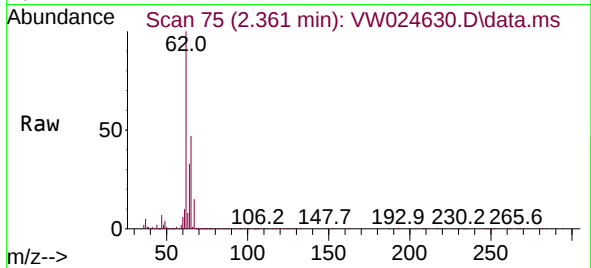




#5
 Vinyl chloride
 Concen: 28.112 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024630.D
 Acq: 22 Sep 2022 15:10

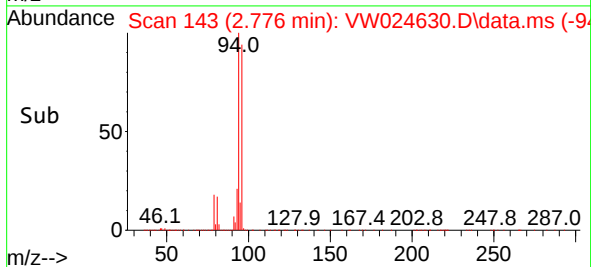
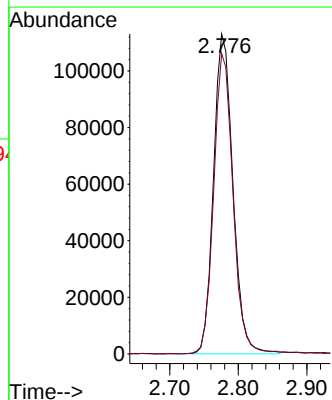
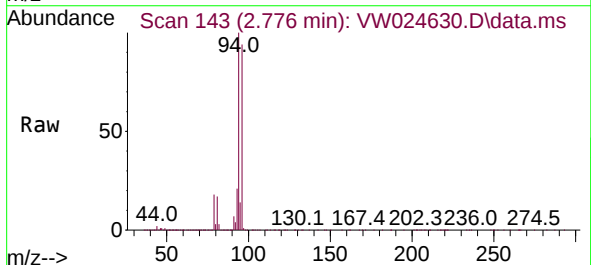
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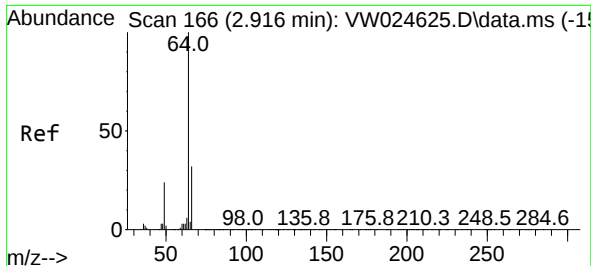
Tgt Ion: 62 Resp: 256224
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.1



#6
 Bromomethane
 Concen: 27.463 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW024630.D
 Acq: 22 Sep 2022 15:10

Tgt Ion: 94 Resp: 222332
 Ion Ratio Lower Upper
 94 100
 96 93.9 63.0 117.0

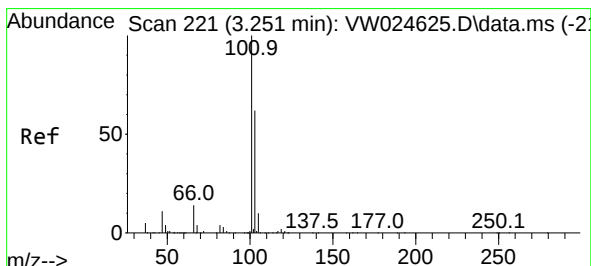
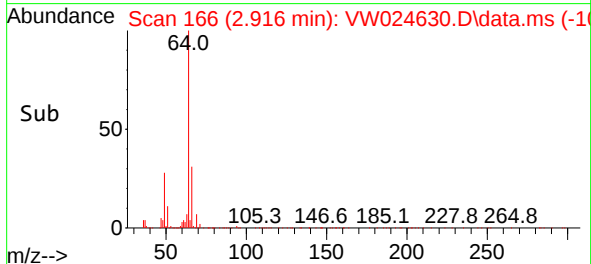
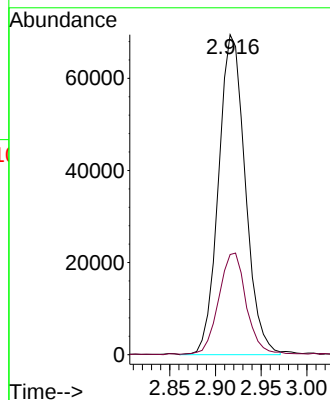
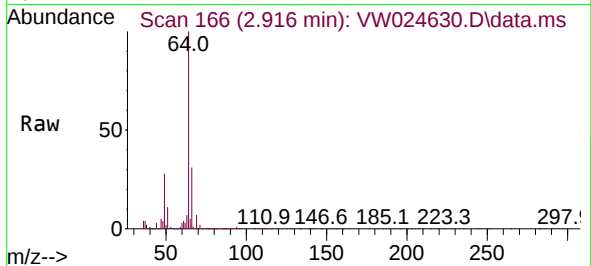




#8
Chloroethane
Concen: 25.149 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

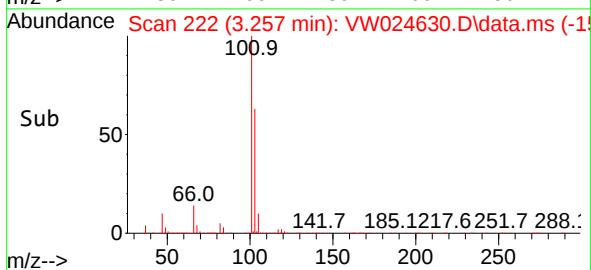
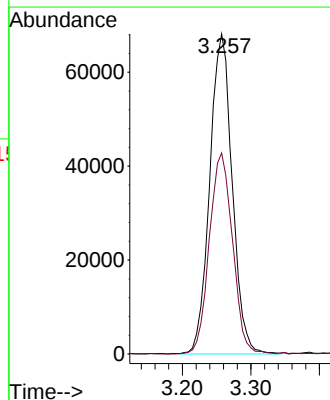
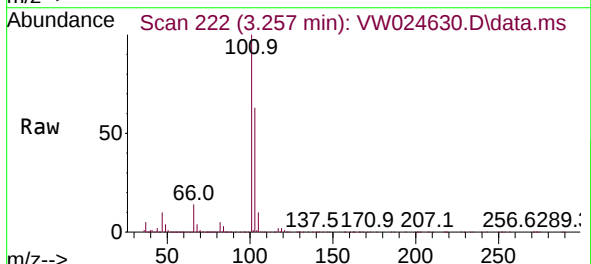
Instrument :
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ClientSampleId :
VSTD025573

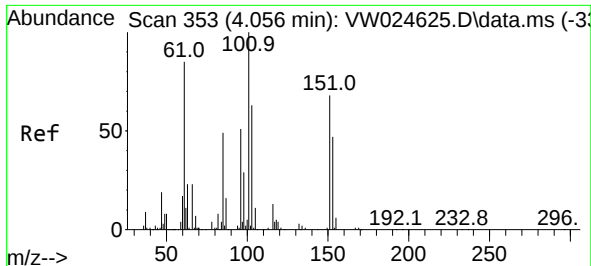
Tgt Ion: 64 Resp: 141594
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 43.538 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 101 Resp: 155225
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

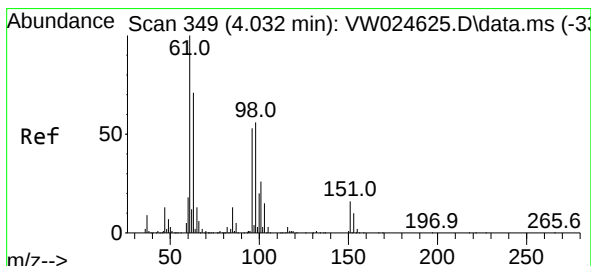
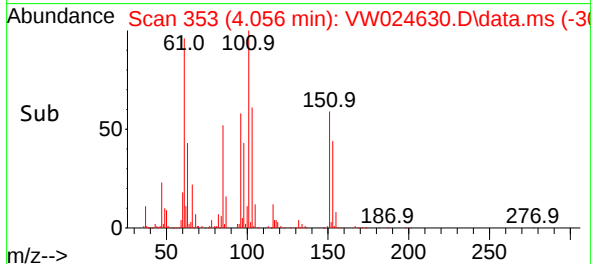
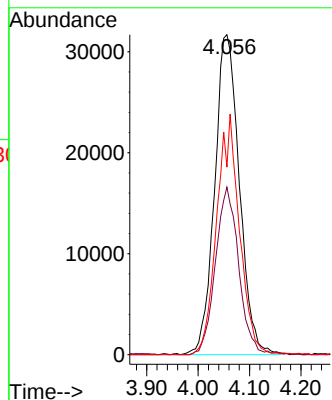
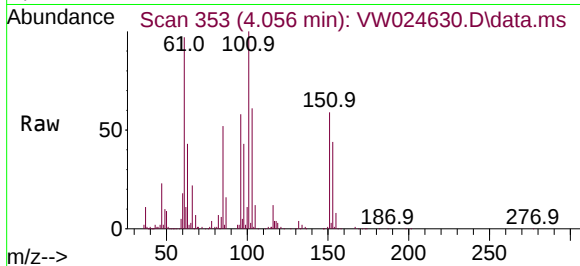




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.526 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW024630.D
 Acq: 22 Sep 2022 15:10

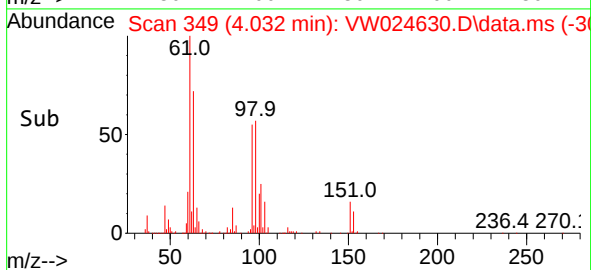
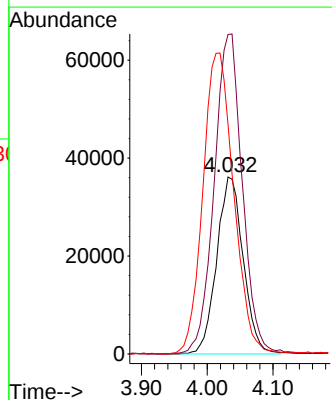
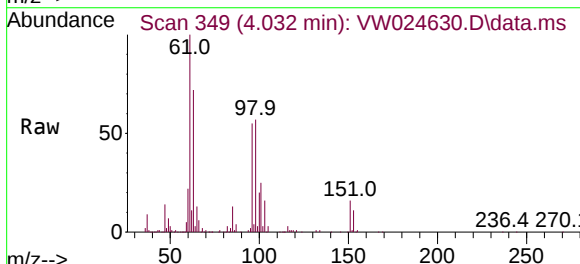
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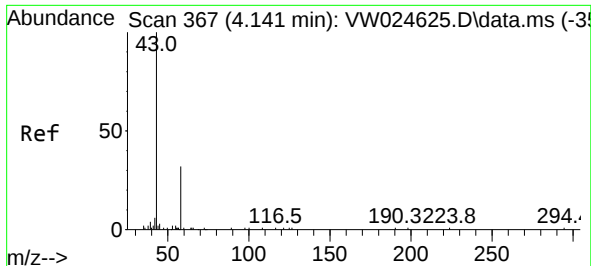
Tgt Ion:101 Resp: 106130
 Ion Ratio Lower Upper
 101 100
 85 48.8 37.4 56.0
 151 34.3 31.5 47.3



#12
 1,1-Dichloroethene
 Concen: 22.222 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024630.D
 Acq: 22 Sep 2022 15:10

Tgt Ion: 96 Resp: 101170
 Ion Ratio Lower Upper
 96 100
 61 180.6 118.4 220.0
 63 129.7 82.4 153.0

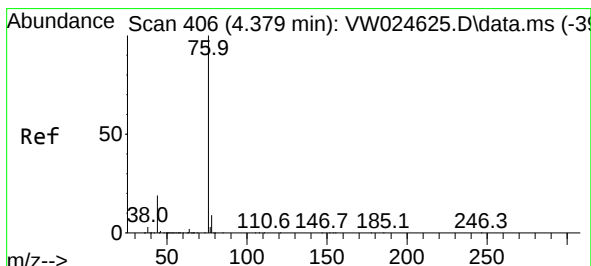
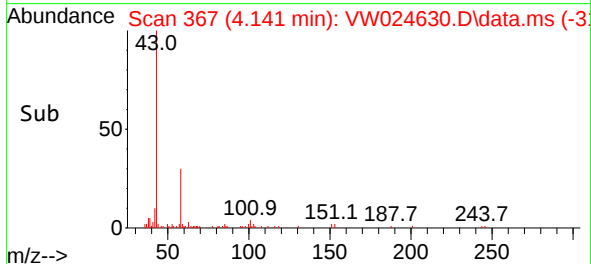
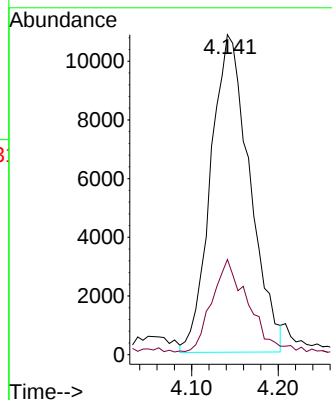
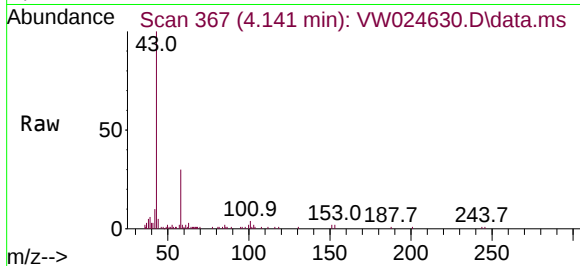




#13
Acetone
Concen: 39.888 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

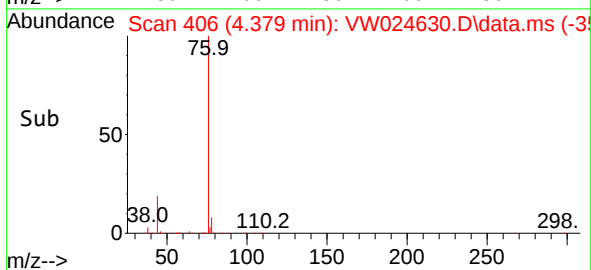
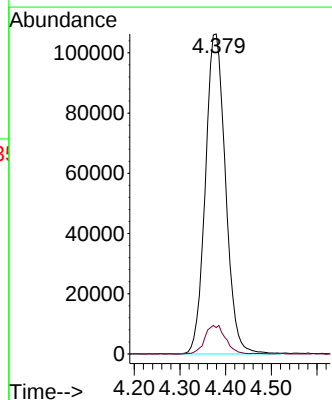
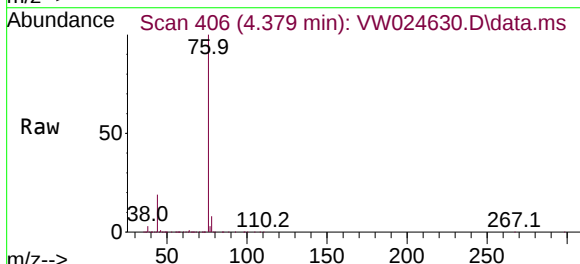
Instrument :
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VSTD025573

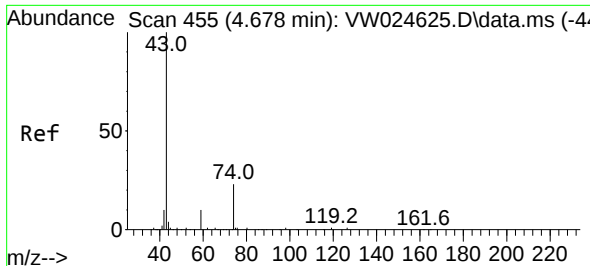
Tgt Ion: 43 Resp: 33857
Ion Ratio Lower Upper
43 100
58 26.5 0.0 62.2



#14
Carbon disulfide
Concen: 22.910 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 76 Resp: 325123
Ion Ratio Lower Upper
76 100
78 8.3 8.2 12.2

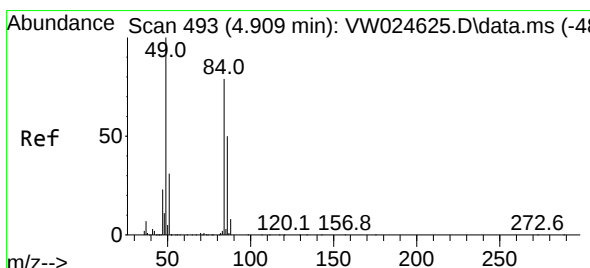
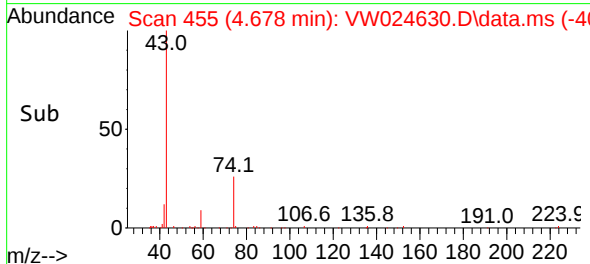
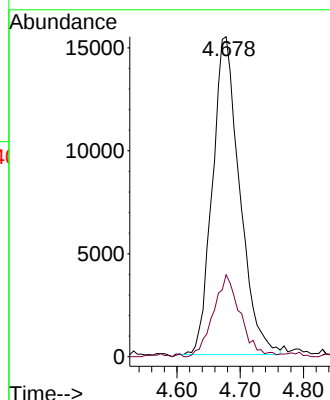
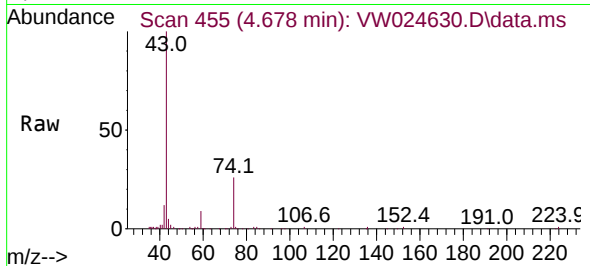




#15
Methyl Acetate
Concen: 23.410 ug/L
RT: 4.678 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

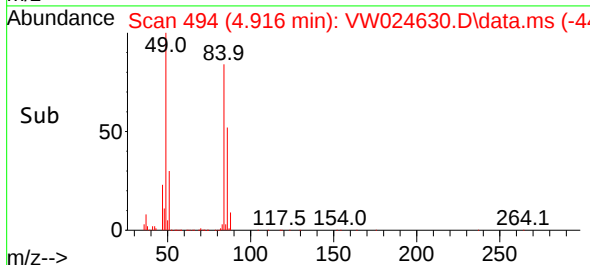
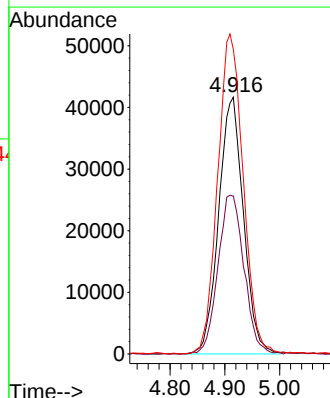
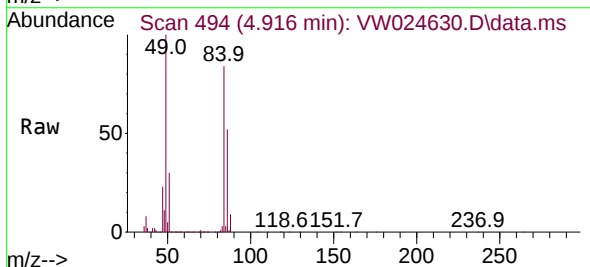
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

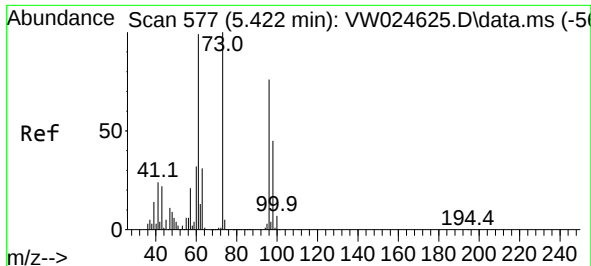
Tgt Ion: 43 Resp: 46318
Ion Ratio Lower Upper
43 100
74 25.0 20.6 31.0



#16
Methylene chloride
Concen: 21.317 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 84 Resp: 130963
Ion Ratio Lower Upper
84 100
86 61.5 46.8 87.0
49 118.6 86.0 159.8





#17

trans-1,2-Dichloroethene

Concen: 24.072 ug/L

RT: 5.422 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

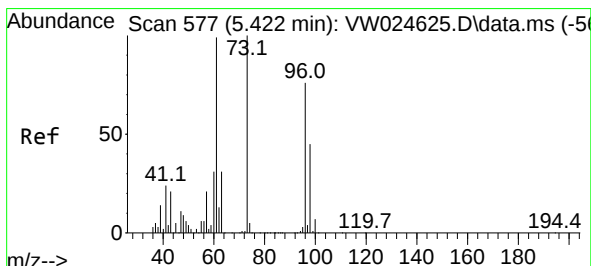
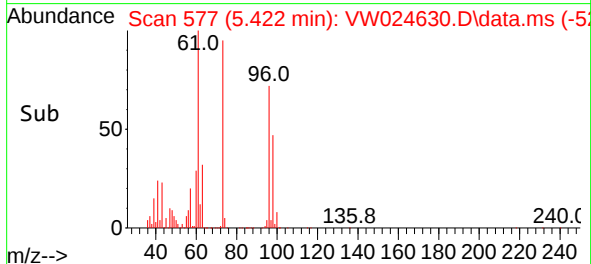
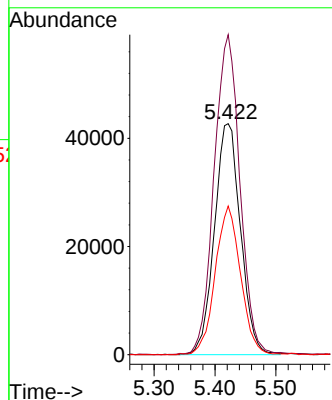
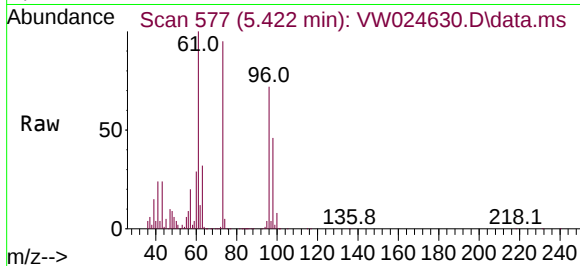
Tgt Ion: 96 Resp: 126953

Ion Ratio Lower Upper

96 100

61 138.5 91.2 169.4

98 64.3 40.5 75.1



#18

Methyl tert-butyl Ether

Concen: 25.483 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.012 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

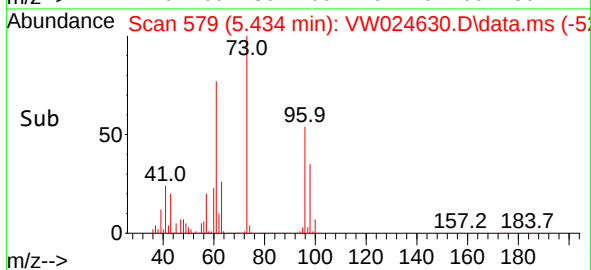
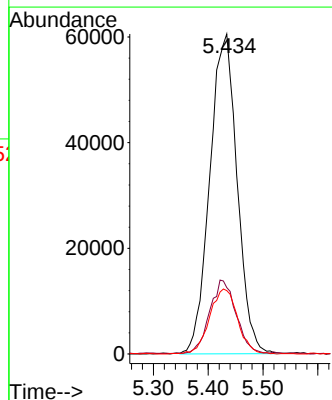
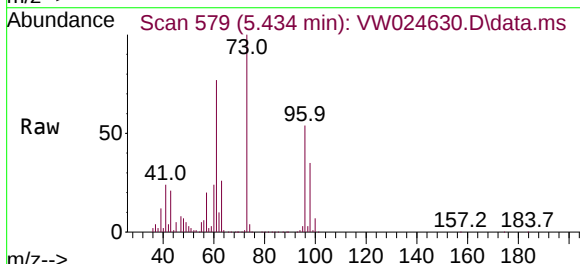
Tgt Ion: 73 Resp: 209799

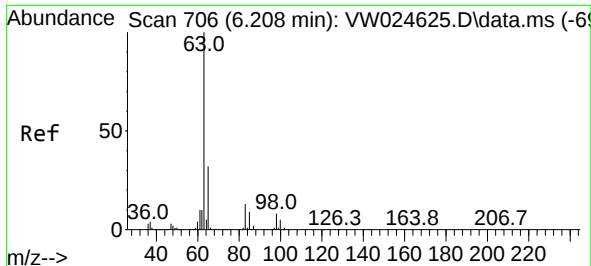
Ion Ratio Lower Upper

73 100

43 22.2 16.0 24.0

57 20.7 17.0 25.6





#19

1,1-Dichloroethane

Concen: 25.171 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

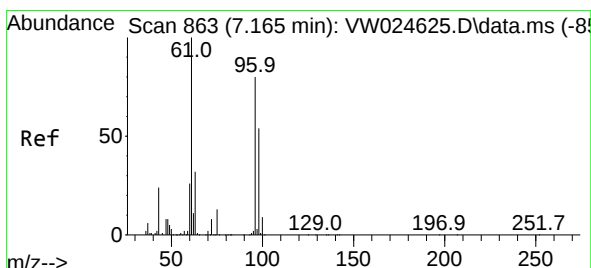
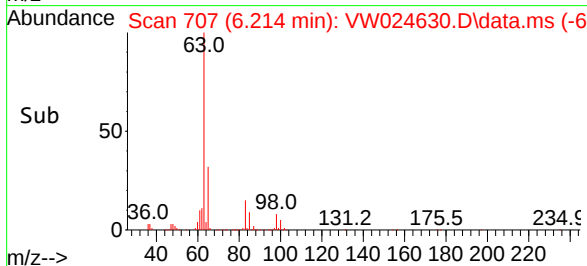
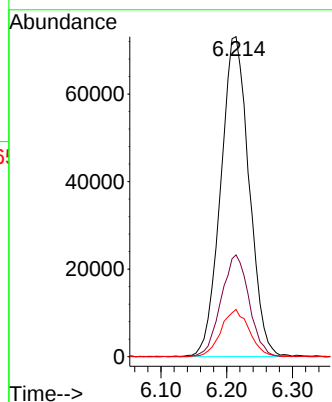
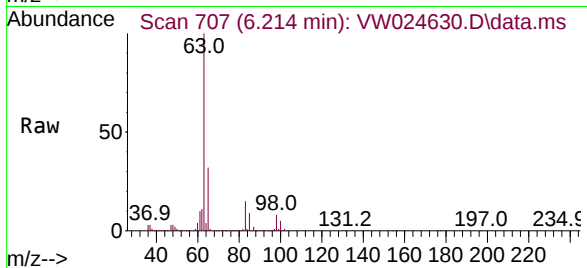
Tgt Ion: 63 Resp: 218933

Ion Ratio Lower Upper

63 100

65 31.8 21.9 40.7

83 14.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.228 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

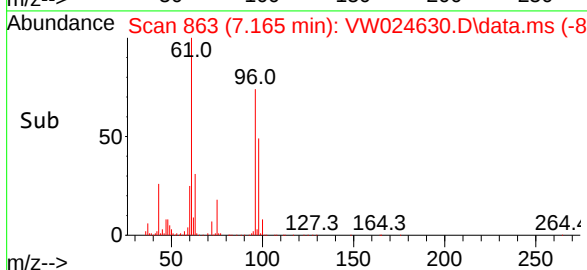
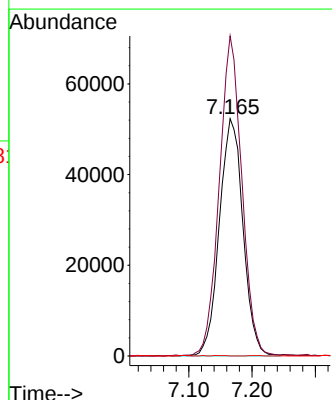
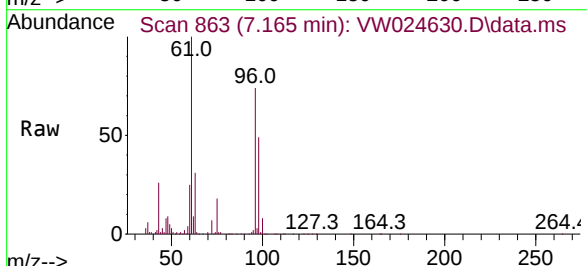
Tgt Ion: 96 Resp: 135635

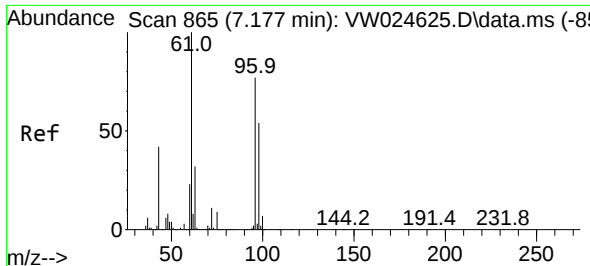
Ion Ratio Lower Upper

96 100

61 134.9 88.9 165.1

68 0.0 0.1 0.1#

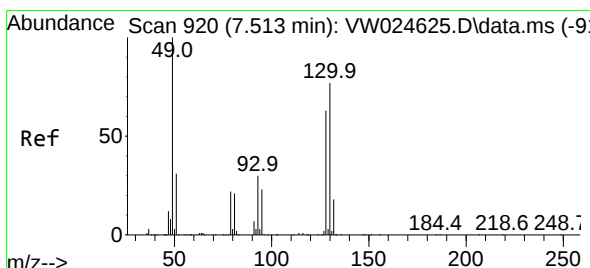
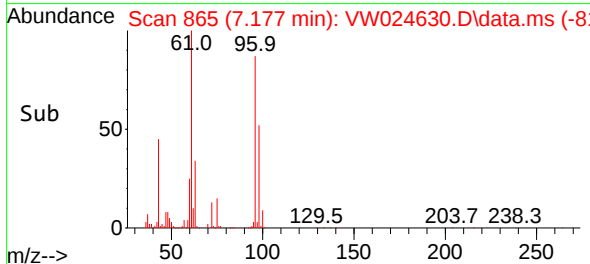
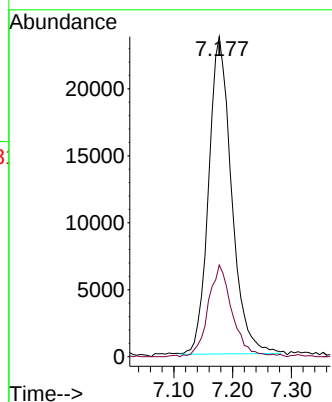
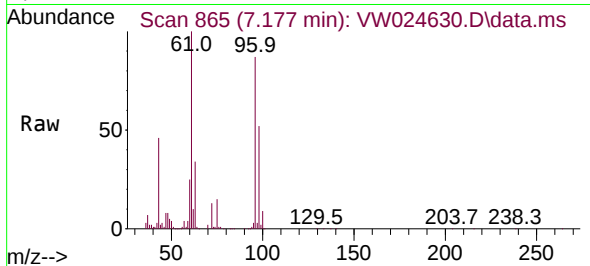




#22
2-Butanone
Concen: 50.215 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

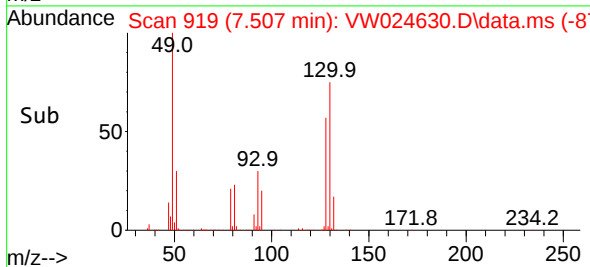
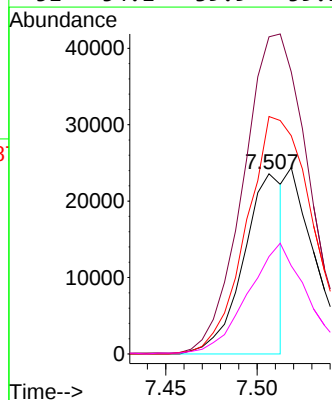
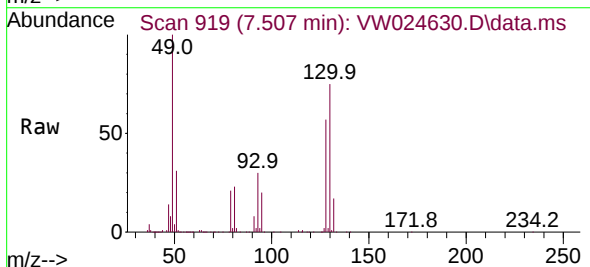
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

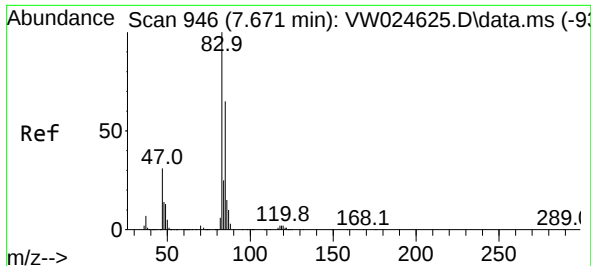
Tgt Ion: 43 Resp: 64314
Ion Ratio Lower Upper
43 100
72 29.9 15.8 47.4



#23
Bromochloromethane
Concen: 13.844 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 128 Resp: 35361
Ion Ratio Lower Upper
128 100
49 176.0 104.9 194.9
130 131.8 84.0 156.0
51 54.1 39.9 59.9





#25

Chloroform

Concen: 25.785 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

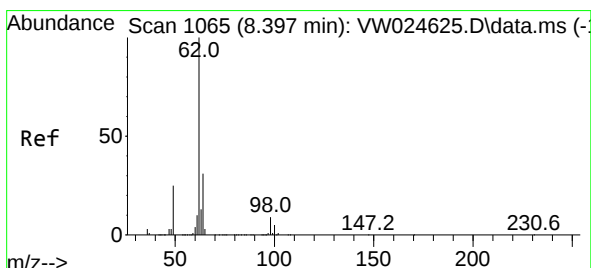
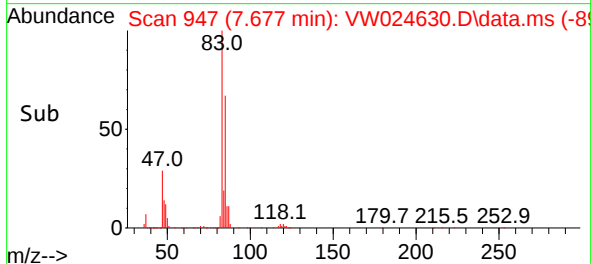
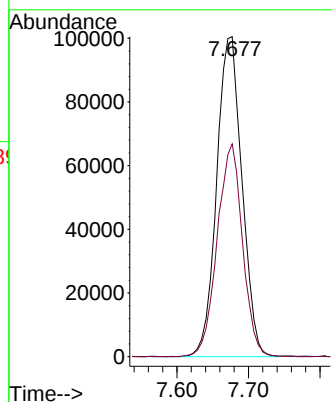
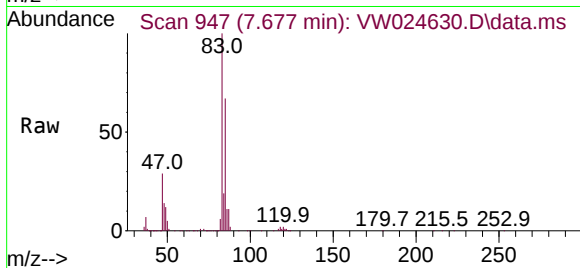
VSTD025573

Tgt Ion: 83 Resp: 247064

Ion Ratio Lower Upper

83 100

85 66.5 43.3 80.3



#27

1,2-Dichloroethane

Concen: 28.739 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024630.D

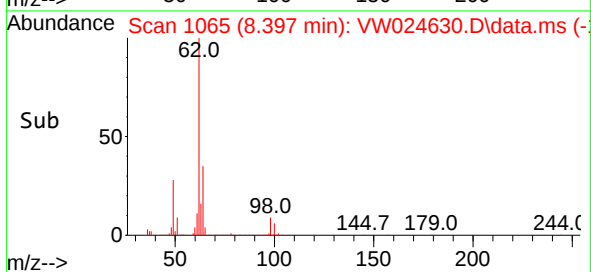
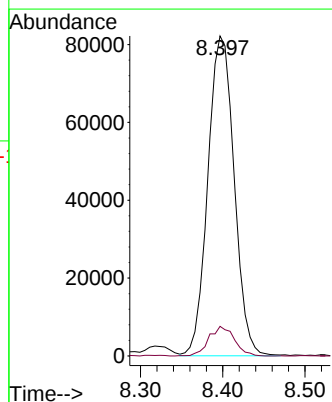
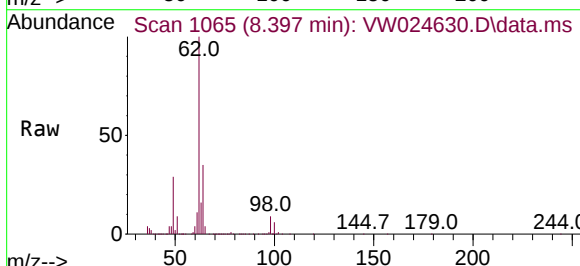
Acq: 22 Sep 2022 15:10

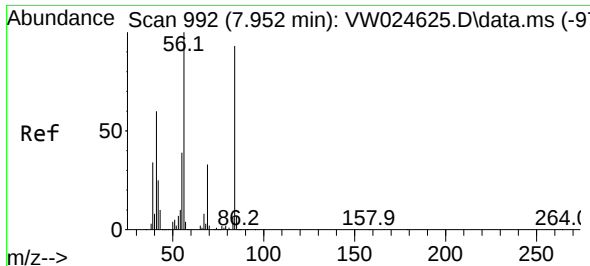
Tgt Ion: 62 Resp: 182669

Ion Ratio Lower Upper

62 100

98 9.2 8.1 12.1

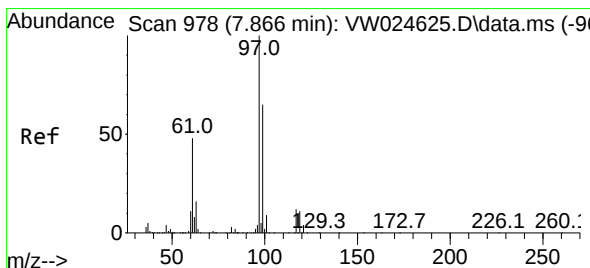
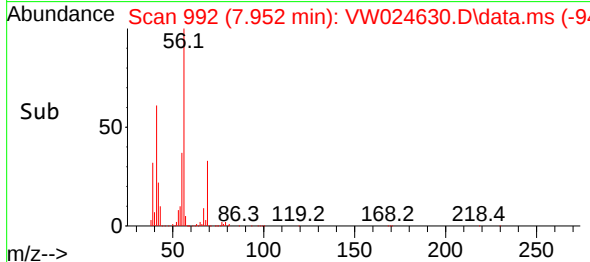
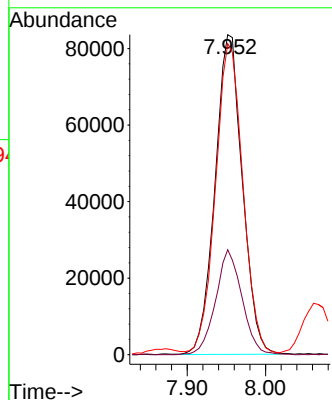
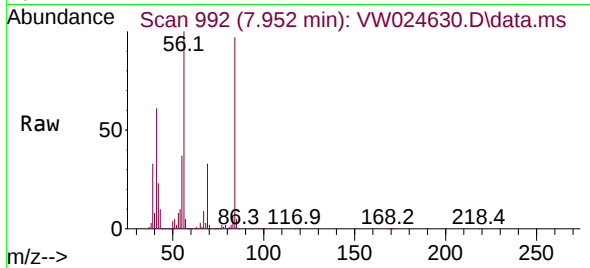




#29
Cyclohexane
Concen: 23.288 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

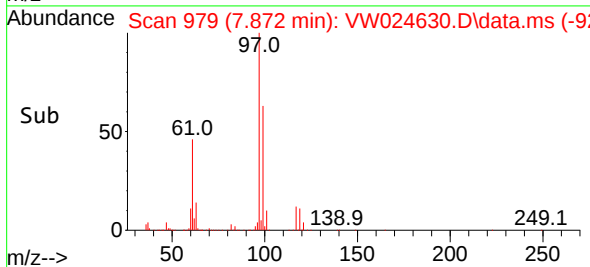
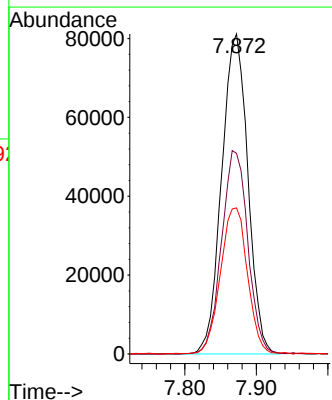
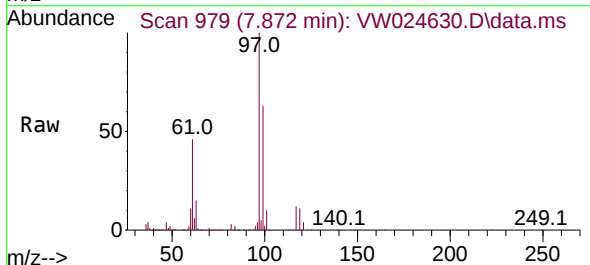
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

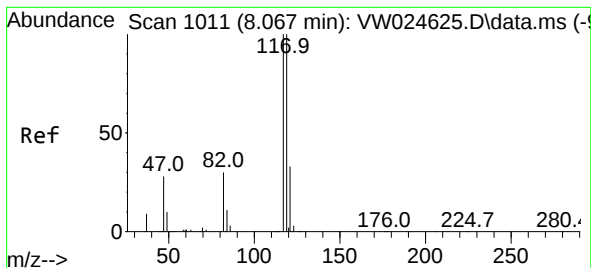
Tgt Ion: 56 Resp: 202648
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 98.0 75.4 113.2



#30
1,1,1-Trichloroethane
Concen: 22.813 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 97 Resp: 206320
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 47.1 35.8 53.6





#31

Carbon tetrachloride

Concen: 22.226 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

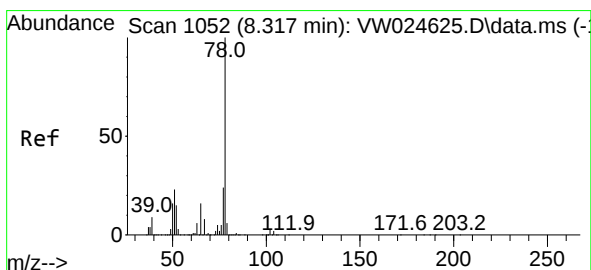
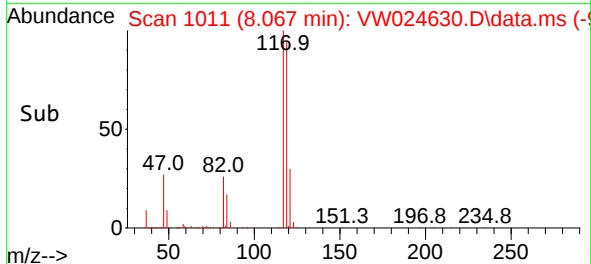
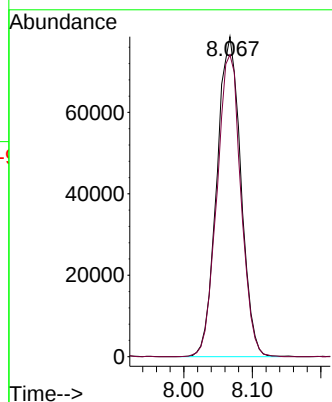
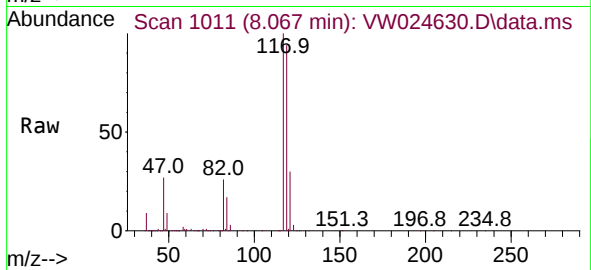
VSTD025573

Tgt Ion:117 Resp: 191255

Ion Ratio Lower Upper

117 100

119 93.9 76.5 114.7



#33

Benzene

Concen: 25.193 ug/L

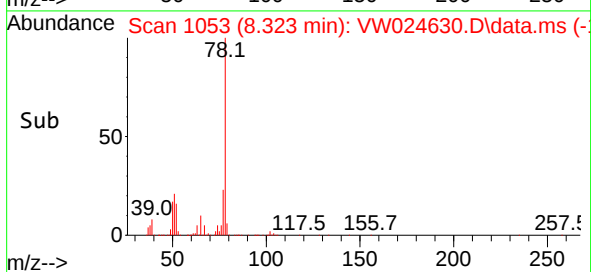
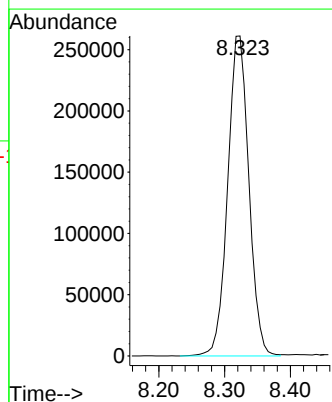
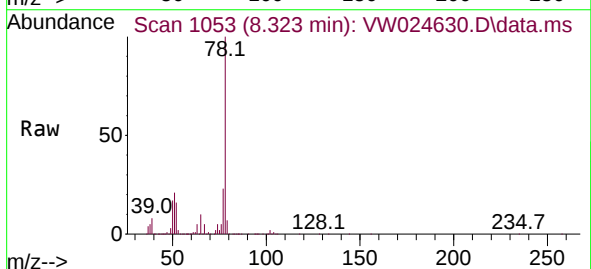
RT: 8.323 min Scan# 1053

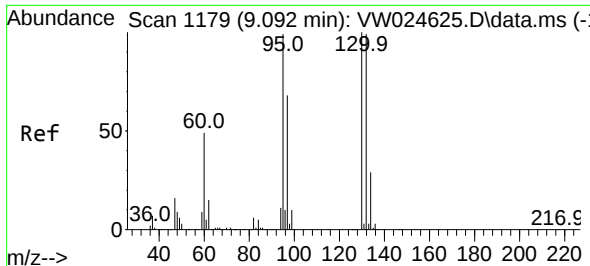
Delta R.T. 0.006 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Tgt Ion: 78 Resp: 584310





#34

Trichloroethene

Concen: 23.540 ug/L

RT: 9.086 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

Tgt Ion: 95 Resp: 147956

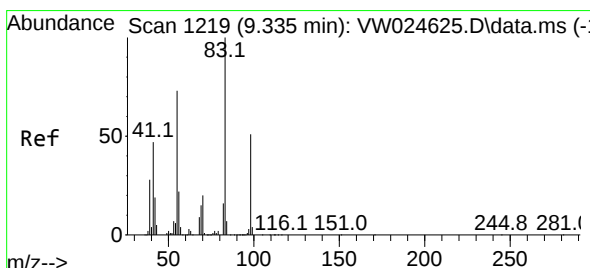
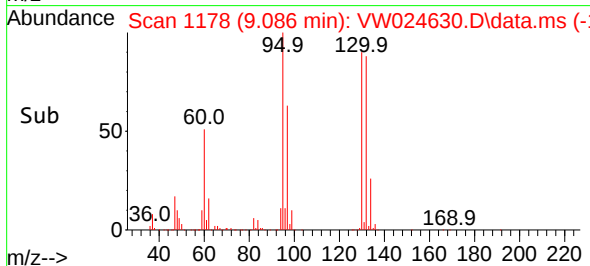
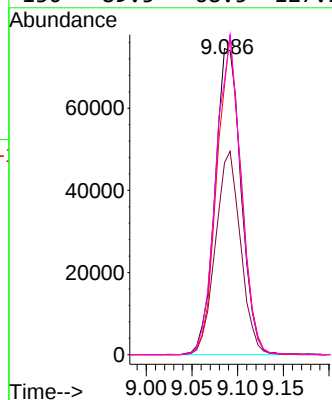
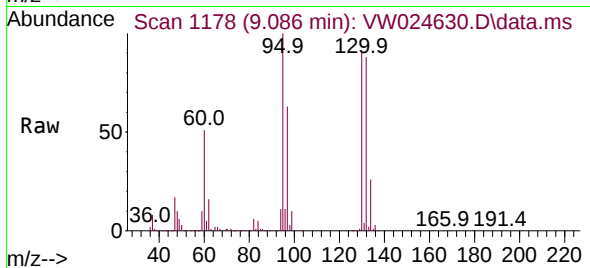
Ion Ratio Lower Upper

95 100

97 62.7 45.1 83.7

132 88.0 69.1 128.3

130 89.5 68.5 127.1



#35

Methylcyclohexane

Concen: 24.916 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

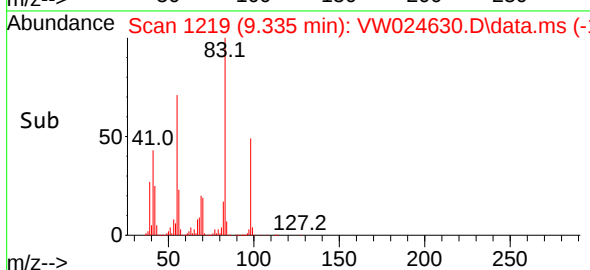
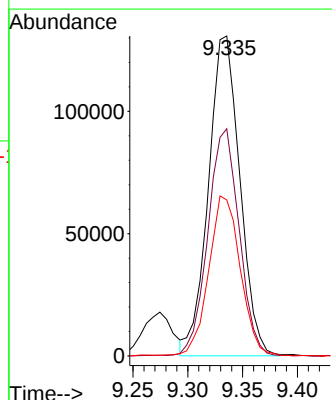
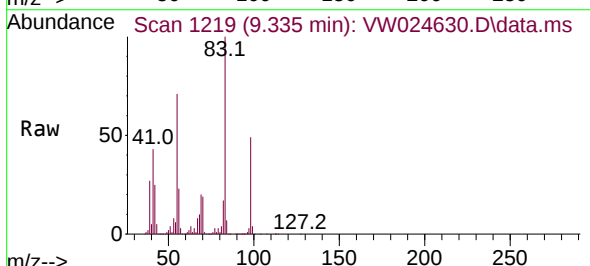
Tgt Ion: 83 Resp: 261299

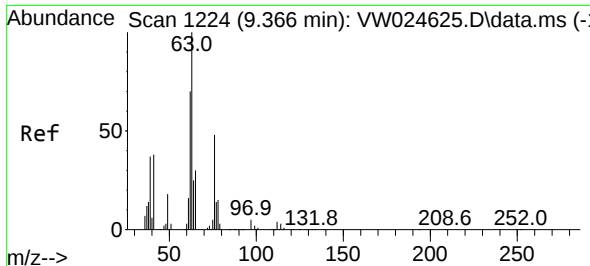
Ion Ratio Lower Upper

83 100

55 70.6 57.0 85.4

98 50.3 39.4 59.0





#37

1,2-Dichloropropane

Concen: 25.936 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

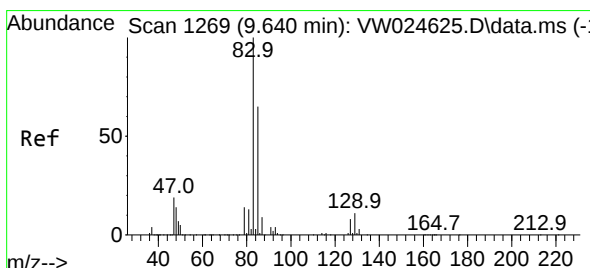
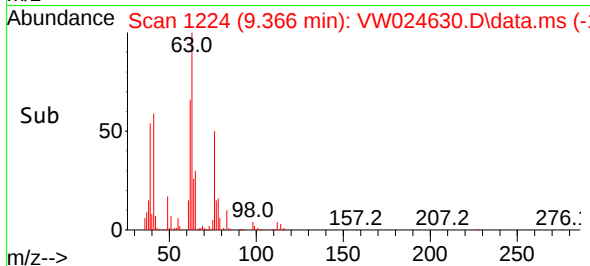
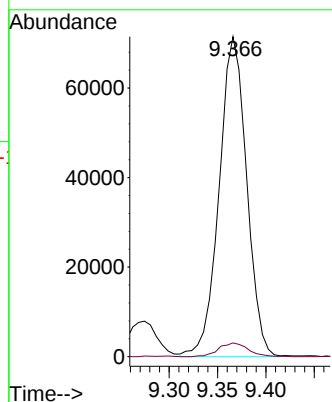
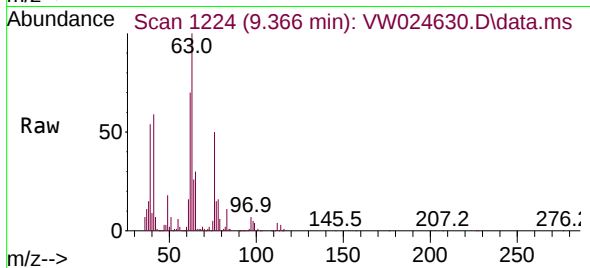
VSTD025573

Tgt Ion: 63 Resp: 141293

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 25.595 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

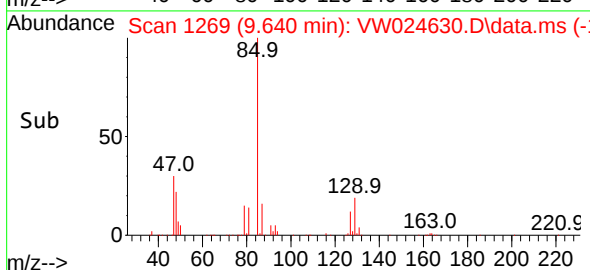
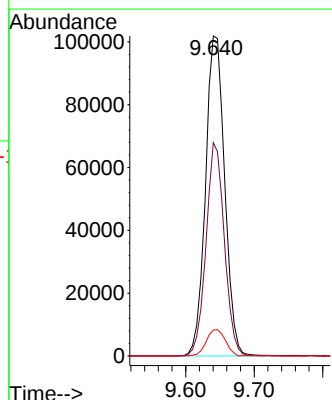
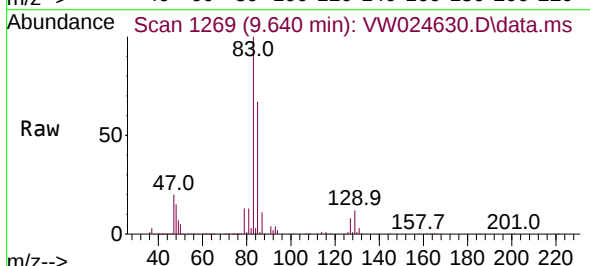
Tgt Ion: 83 Resp: 198385

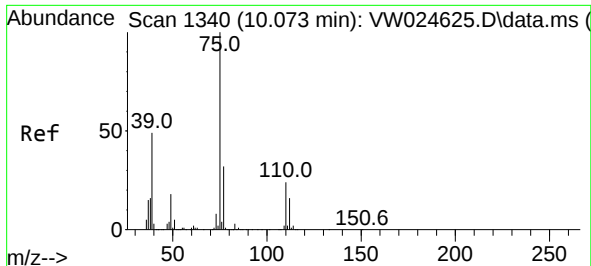
Ion Ratio Lower Upper

83 100

85 66.6 46.7 86.7

127 8.1 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 25.778 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

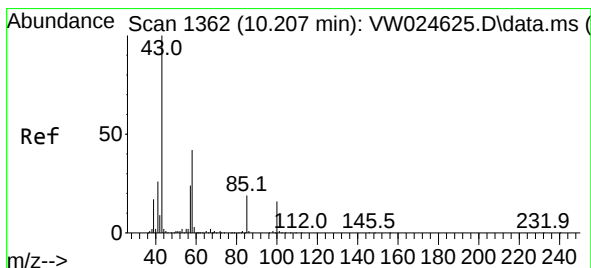
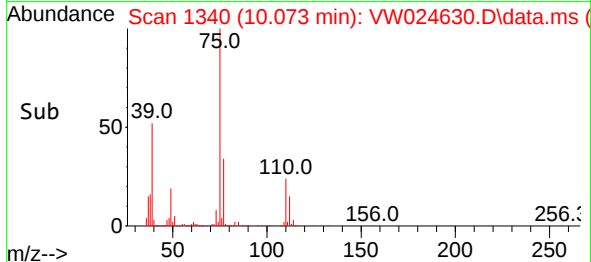
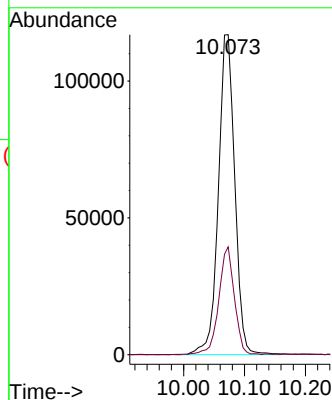
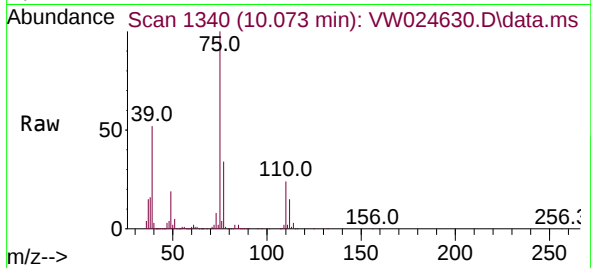
VSTD025573

Tgt Ion: 75 Resp: 219028

Ion Ratio Lower Upper

75 100

77 33.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 53.979 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

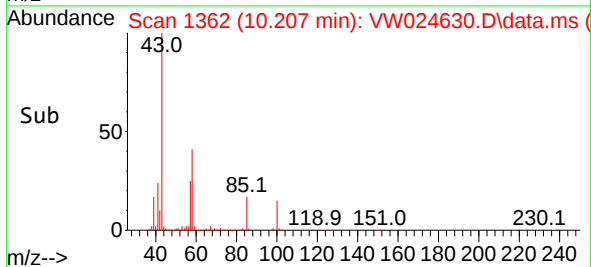
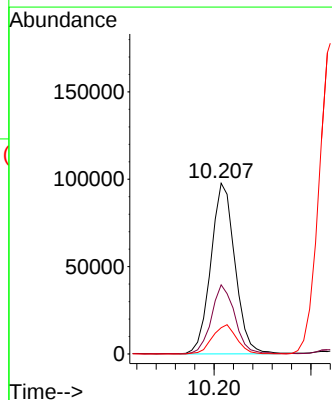
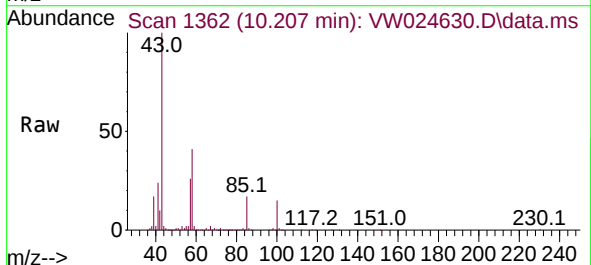
Tgt Ion: 43 Resp: 168890

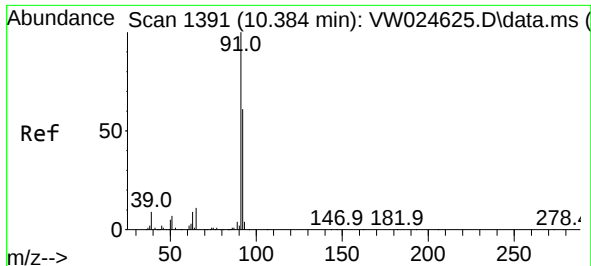
Ion Ratio Lower Upper

43 100

58 39.5 32.2 48.2

100 17.2 14.2 21.4

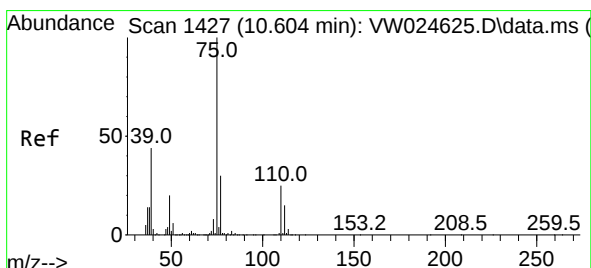
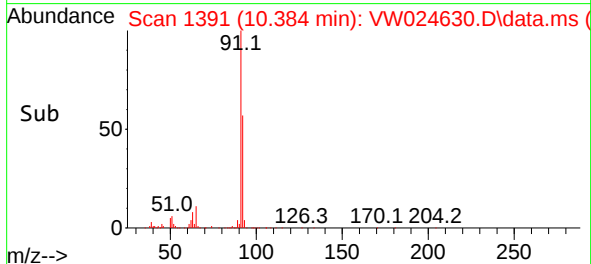
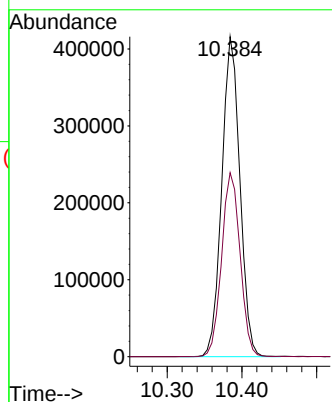
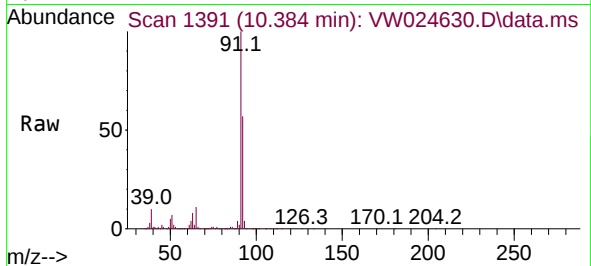




#42
Toluene
Concen: 26.940 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

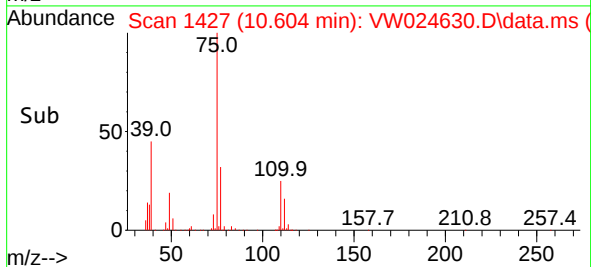
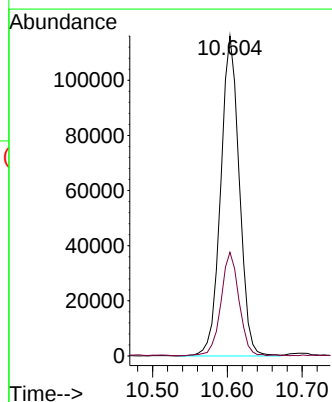
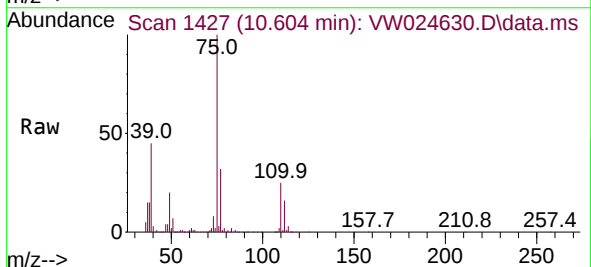
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

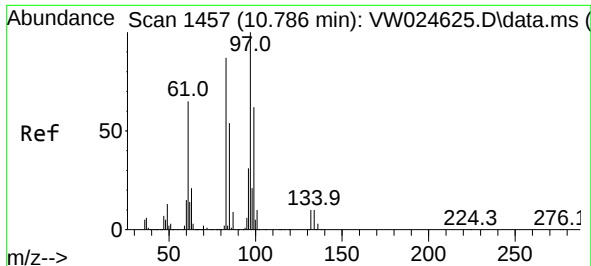
Tgt Ion: 91 Resp: 701460
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 26.660 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 75 Resp: 201205
Ion Ratio Lower Upper
75 100
77 32.4 23.1 42.9

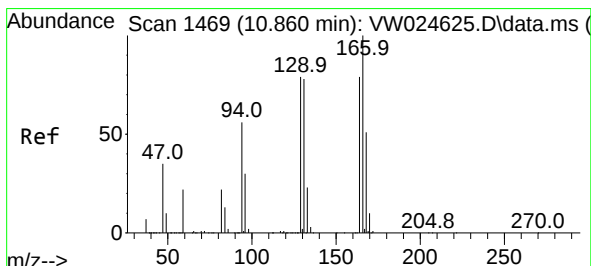
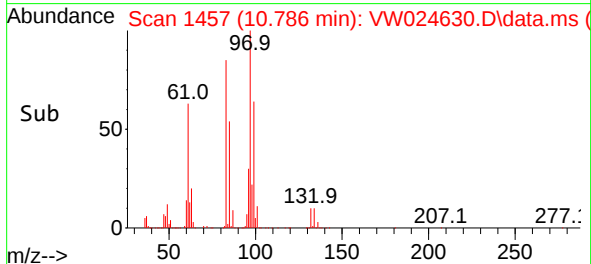
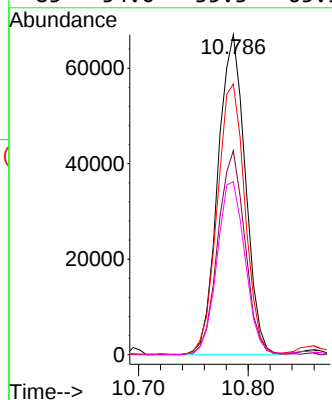
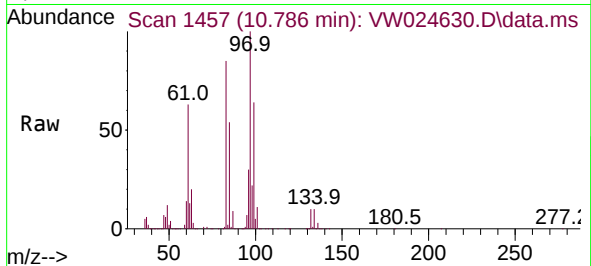




#45
1,1,2-Trichloroethane
Concen: 25.665 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

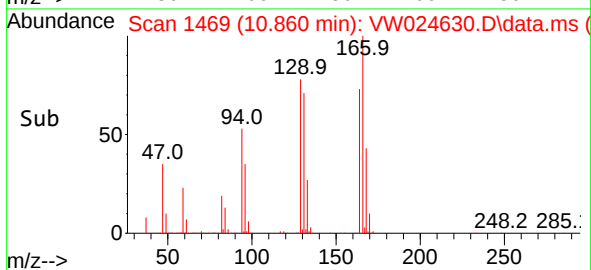
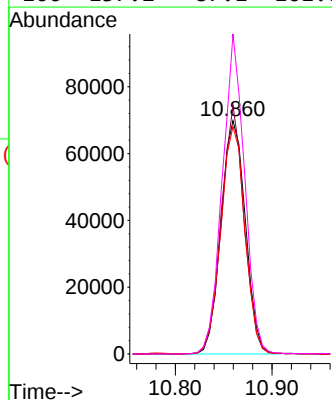
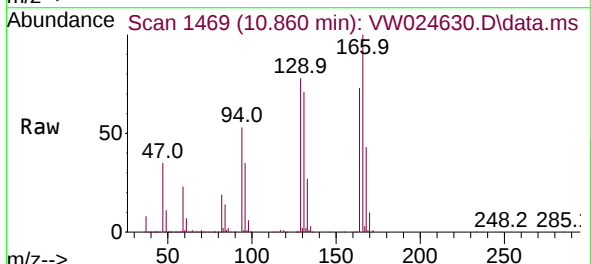
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

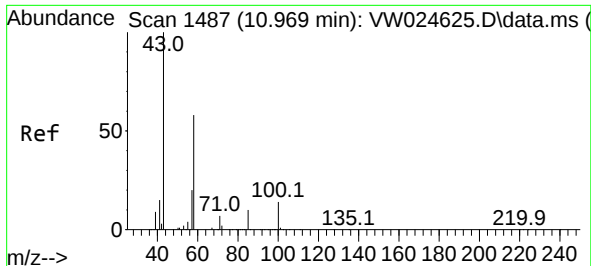
Tgt Ion: 97	Resp: 116356
Ion Ratio	Lower Upper
97 100	
99 63.7	44.3 82.3
83 84.6	56.7 105.3
85 54.0	35.3 65.5



#46
Tetrachloroethene
Concen: 24.658 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt	Ion:164	Resp:	121945
Ion	Ratio	Lower	Upper
164	100		
129	106.6	66.0	122.6
131	97.4	66.9	124.3
166	137.2	87.1	161.7



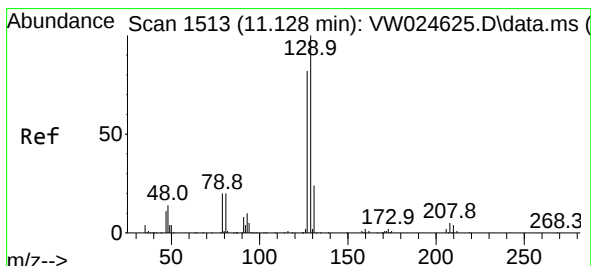
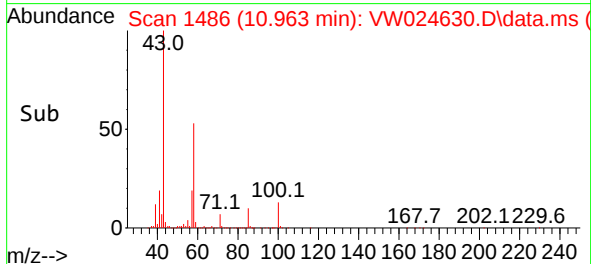
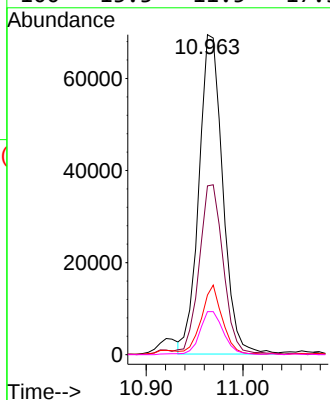
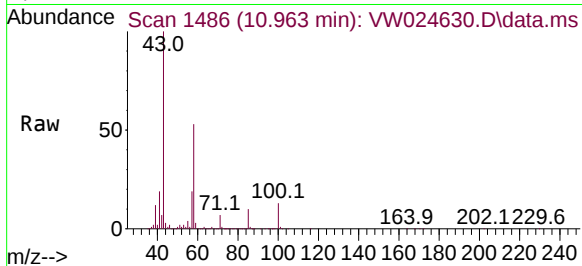


#48
2-Hexanone
Concen: 55.537 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

Tgt Ion: 43 Resp: 119228

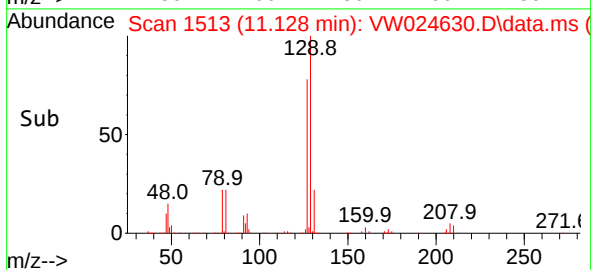
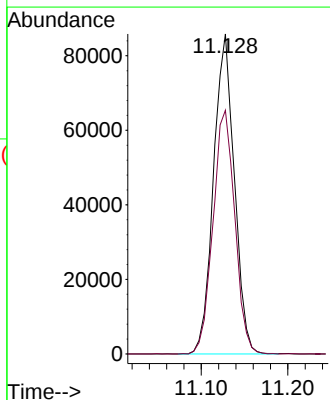
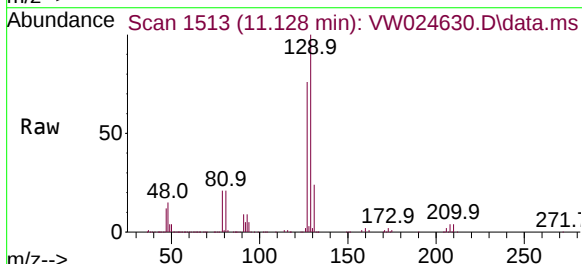
Ion	Ratio	Lower	Upper
43	100		
58	53.7	43.3	64.9
57	19.4	15.8	23.6
100	13.3	11.5	17.3

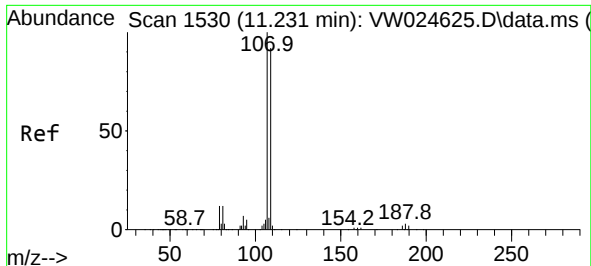


#49
Dibromochloromethane
Concen: 26.149 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 129 Resp: 143296

Ion	Ratio	Lower	Upper
129	100		
127	76.1	57.0	105.9





#50

1,2-Dibromoethane

Concen: 26.023 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

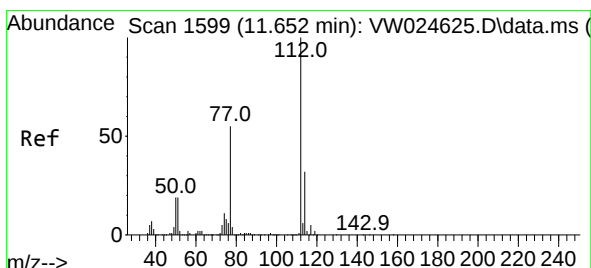
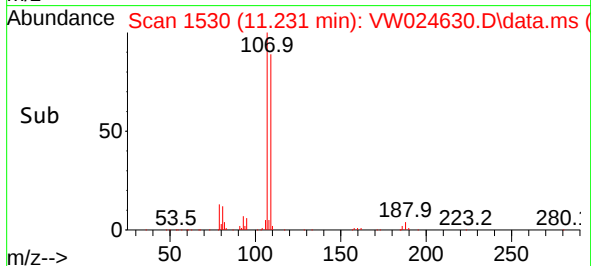
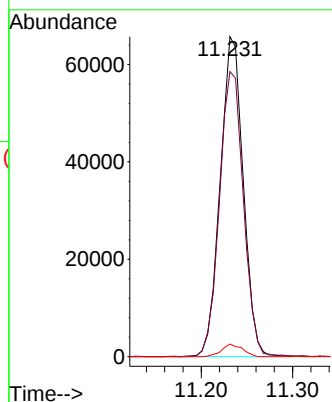
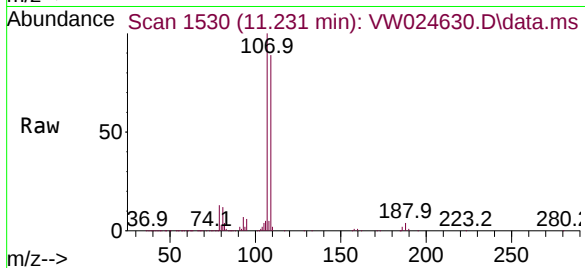
Tgt Ion:107 Resp: 115114

Ion Ratio Lower Upper

107 100

109 89.1 63.0 117.0

188 3.9 2.5 3.7#



#51

Chlorobenzene

Concen: 26.375 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

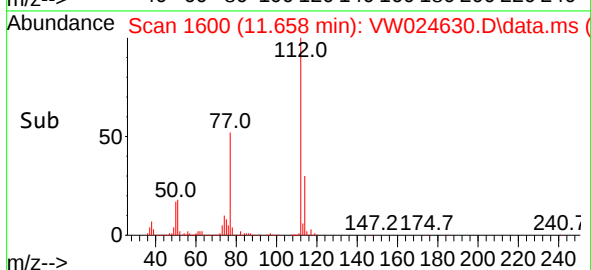
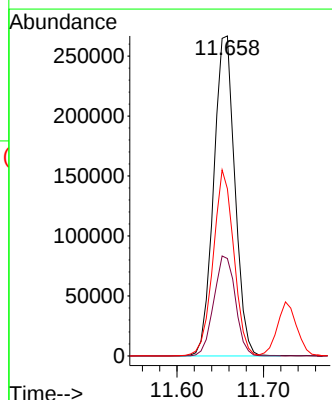
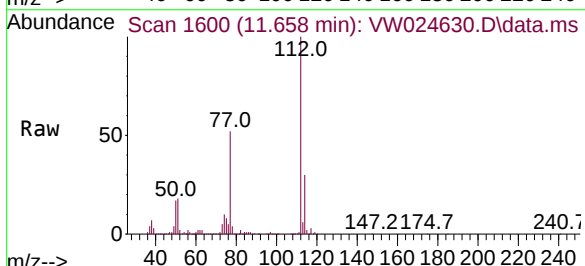
Tgt Ion:112 Resp: 452904

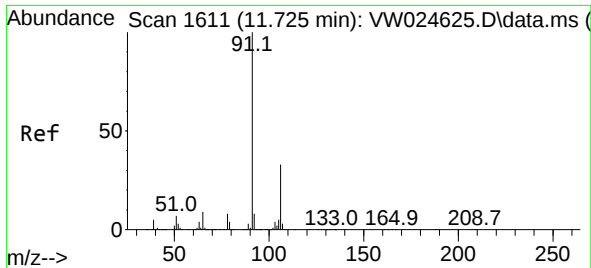
Ion Ratio Lower Upper

112 100

114 30.5 24.0 44.6

77 52.3 45.4 68.2

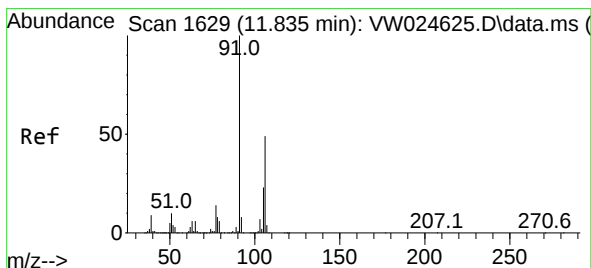
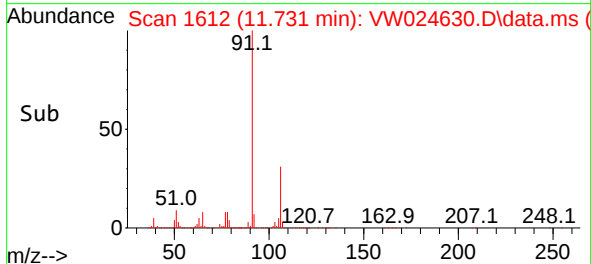
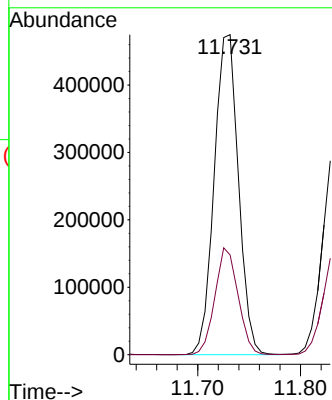
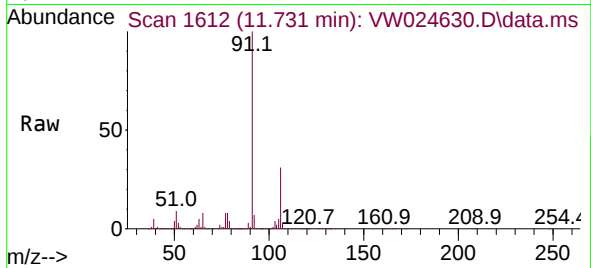




#52
Ethylbenzene
Concen: 27.149 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

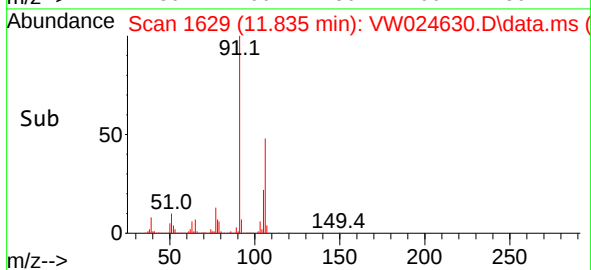
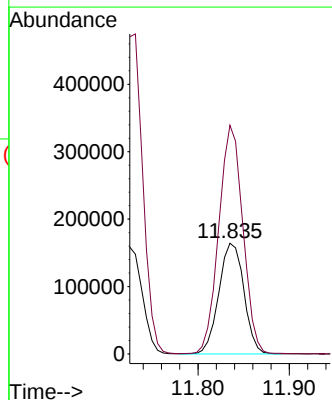
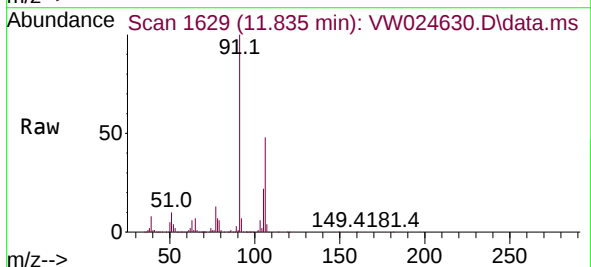
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

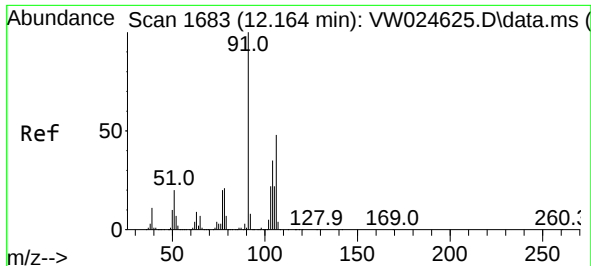
Tgt Ion: 91 Resp: 776486
Ion Ratio Lower Upper
91 100
106 31.1 22.2 41.2



#53
m,p-Xylene
Concen: 27.560 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 106 Resp: 313025
Ion Ratio Lower Upper
106 100
91 206.5 138.3 256.8

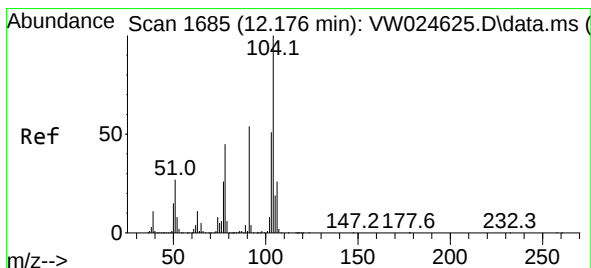
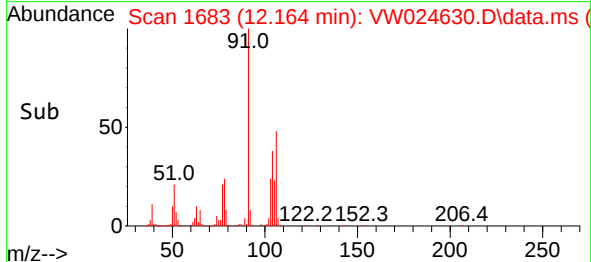
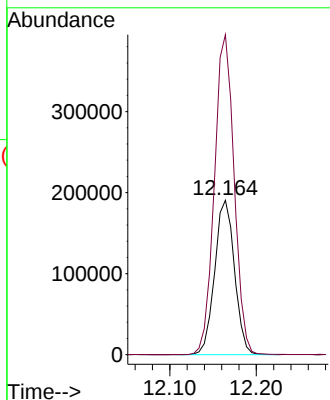
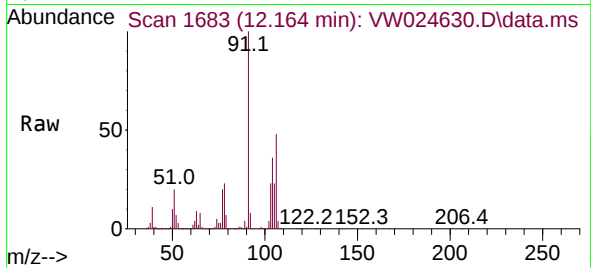




#54
o-Xylene
Concen: 28.421 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

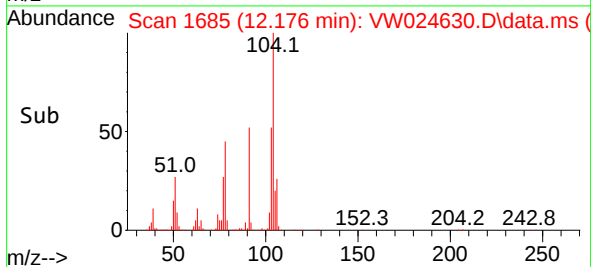
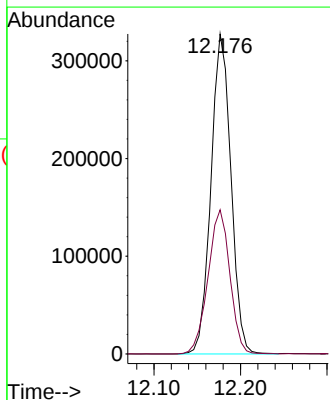
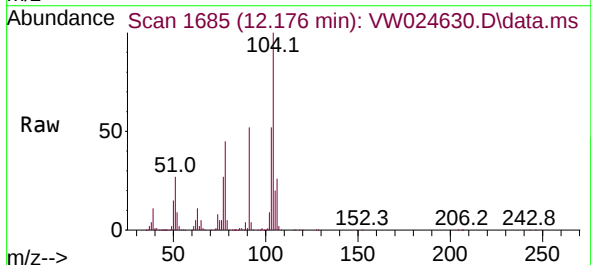
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

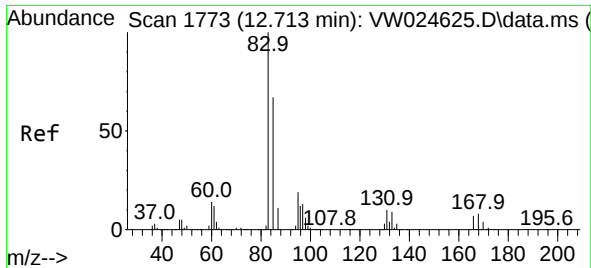
Tgt Ion:106 Resp: 302829
Ion Ratio Lower Upper
106 100
91 207.3 143.9 267.2



#55
Styrene
Concen: 28.663 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion:104 Resp: 525305
Ion Ratio Lower Upper
104 100
78 45.0 32.5 60.3

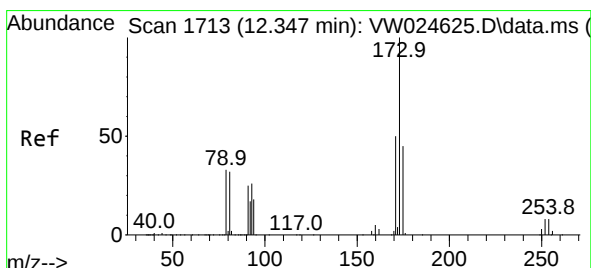
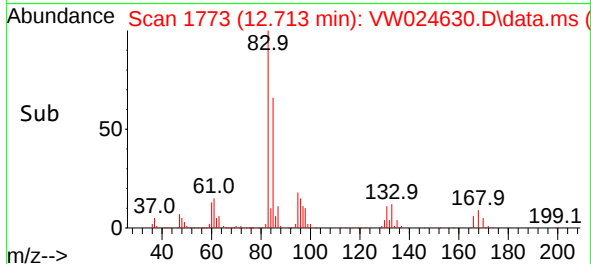
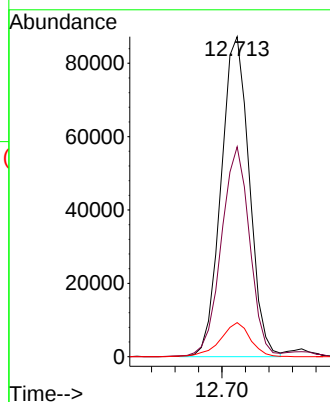
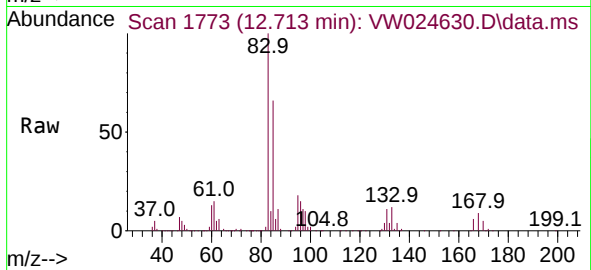




#57
1,1,2,2-Tetrachloroethane
Concen: 26.832 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

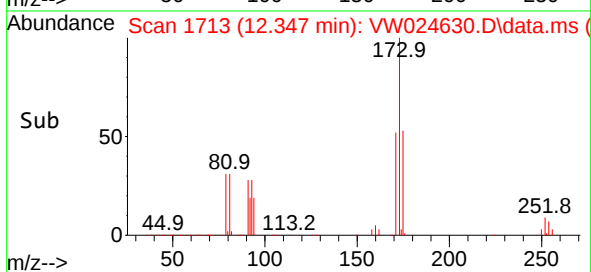
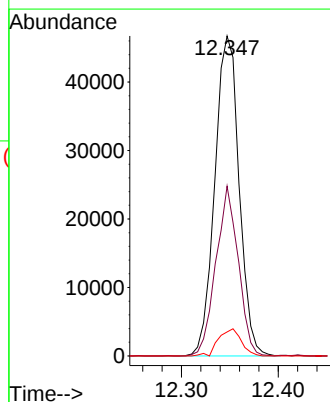
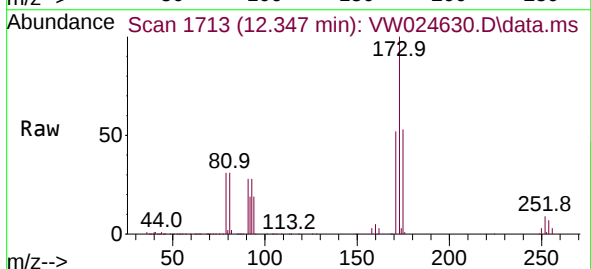
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

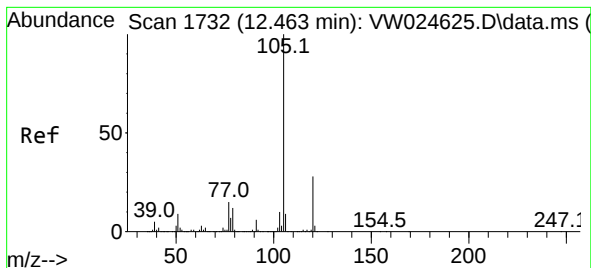
Tgt Ion: 83 Resp: 145526
Ion Ratio Lower Upper
83 100
85 65.6 45.6 84.8
131 10.6 8.2 12.4



#59
Bromoform
Concen: 25.903 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion: 173 Resp: 81492
Ion Ratio Lower Upper
173 100
175 48.8 36.7 55.1
254 7.7 7.0 10.4





#60

Isopropylbenzene

Concen: 26.795 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

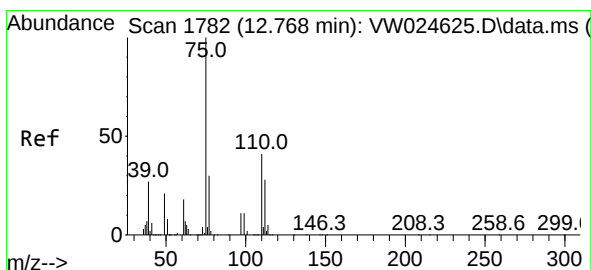
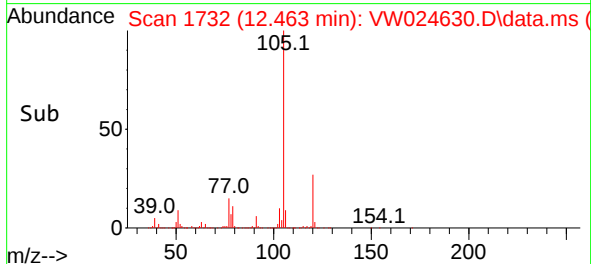
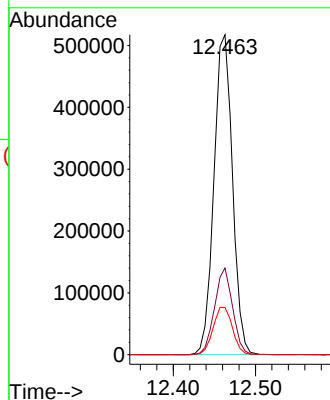
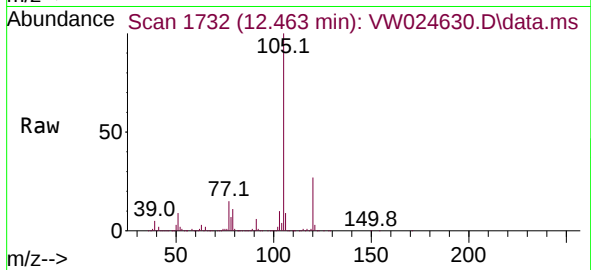
Tgt Ion:105 Resp: 809915

Ion Ratio Lower Upper

105 100

120 26.4 21.5 32.3

77 15.5 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 25.982 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

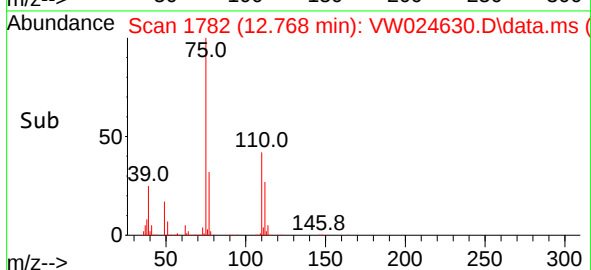
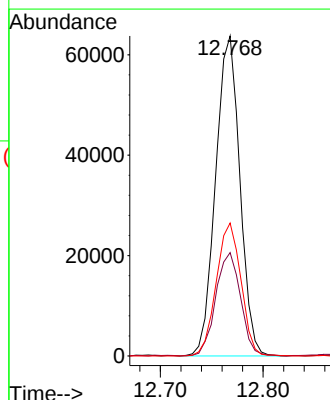
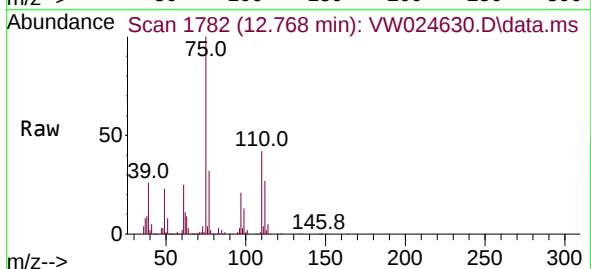
Tgt Ion: 75 Resp: 104386

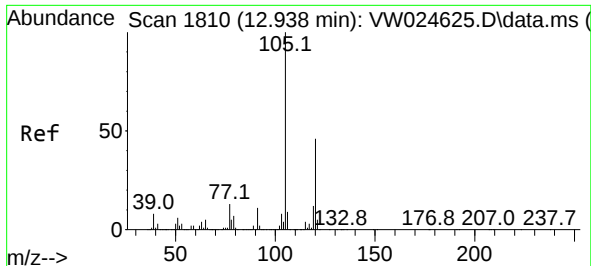
Ion Ratio Lower Upper

75 100

77 33.2 26.0 39.0

110 42.2 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 27.636 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

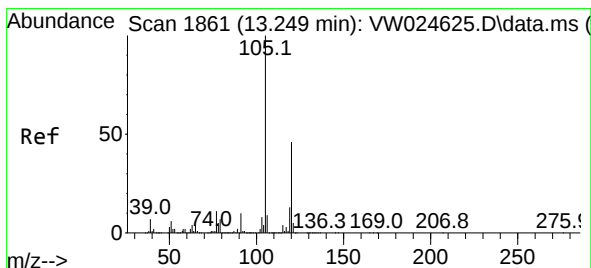
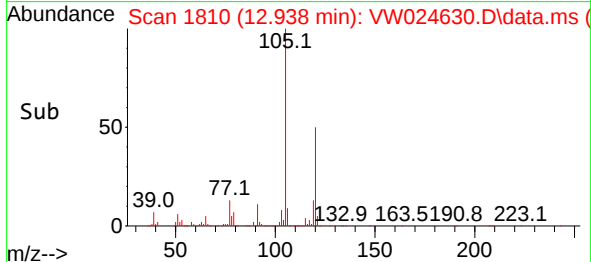
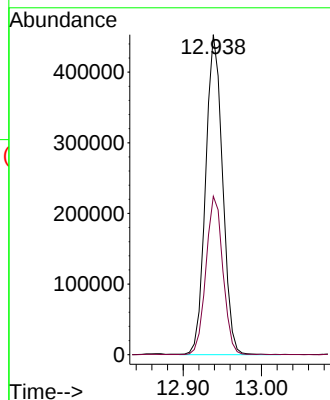
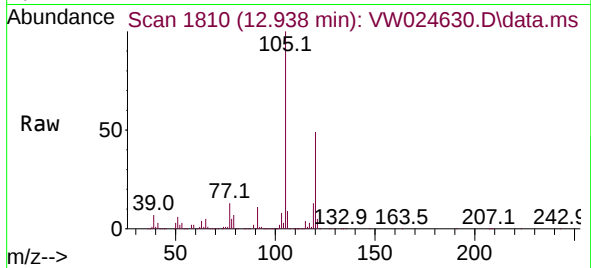
VSTD025573

Tgt Ion:105 Resp: 678658

Ion Ratio Lower Upper

105 100

120 49.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 27.513 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW024630.D

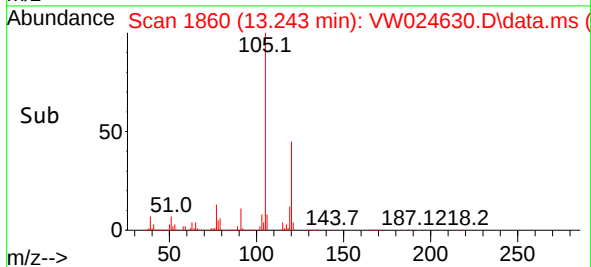
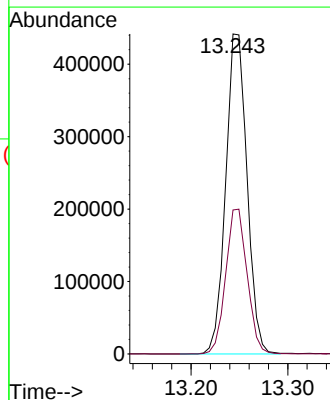
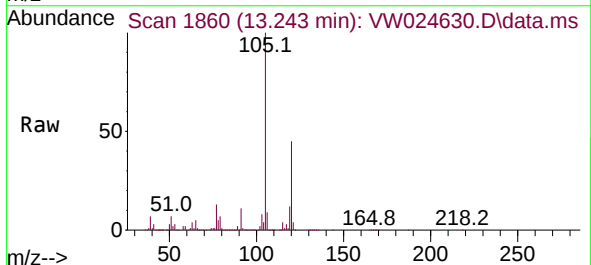
Acq: 22 Sep 2022 15:10

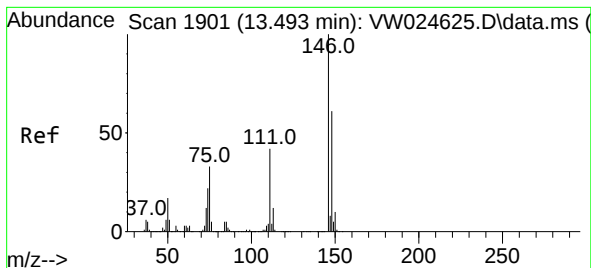
Tgt Ion:105 Resp: 676046

Ion Ratio Lower Upper

105 100

120 45.6 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 26.196 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

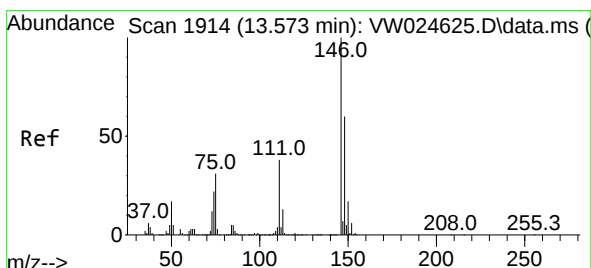
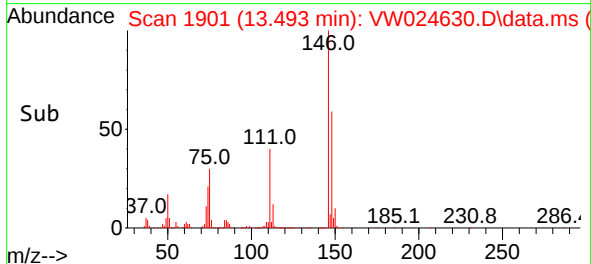
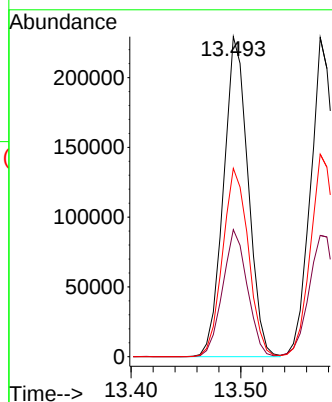
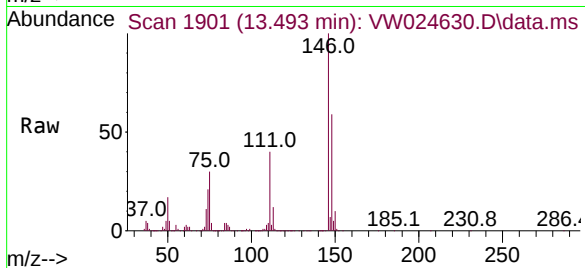
Tgt Ion:146 Resp: 357094

Ion Ratio Lower Upper

146 100

111 39.7 27.2 50.6

148 58.9 41.0 76.2



#65

1,4-Dichlorobenzene

Concen: 25.481 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

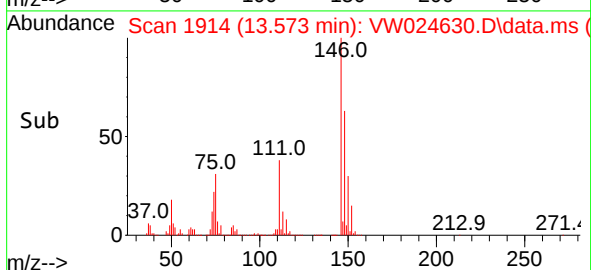
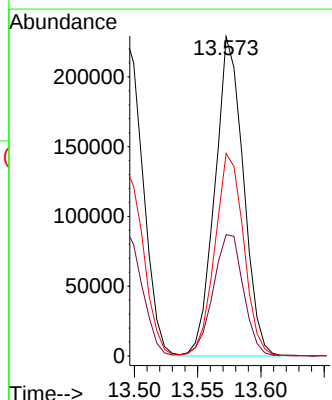
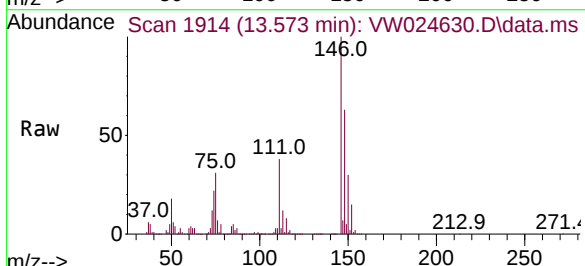
Tgt Ion:146 Resp: 357300

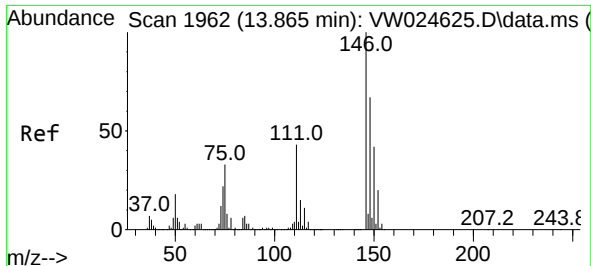
Ion Ratio Lower Upper

146 100

111 38.0 27.0 50.2

148 63.5 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 25.574 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

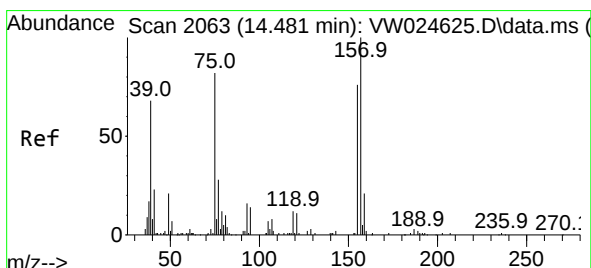
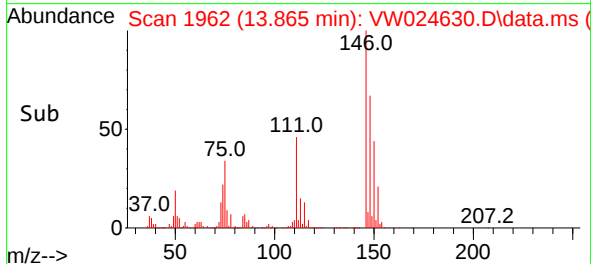
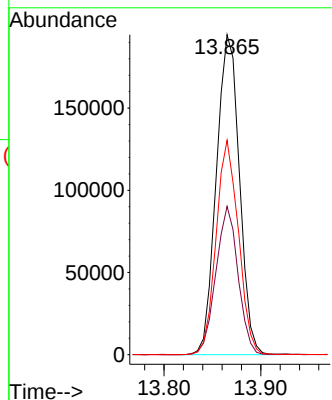
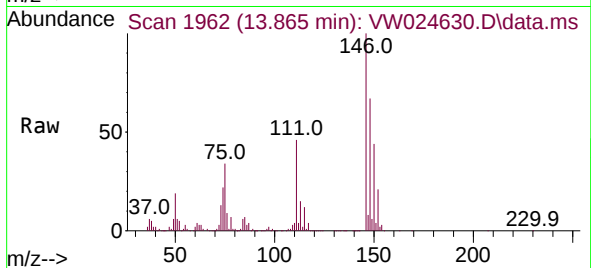
Tgt Ion:146 Resp: 321898

Ion Ratio Lower Upper

146 100

111 46.4 34.2 51.4

148 67.0 47.0 70.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.334 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024630.D

Acq: 22 Sep 2022 15:10

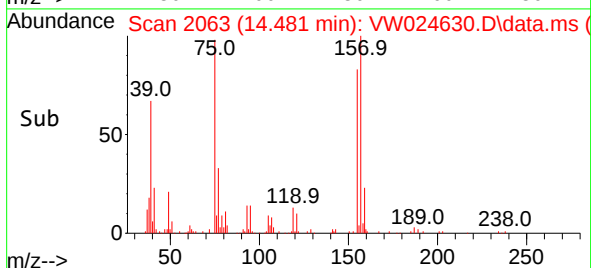
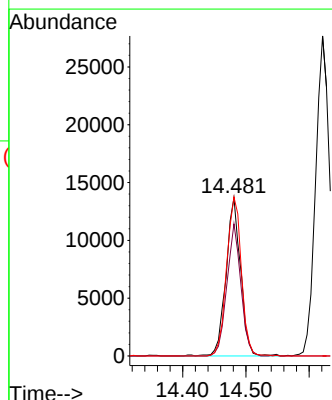
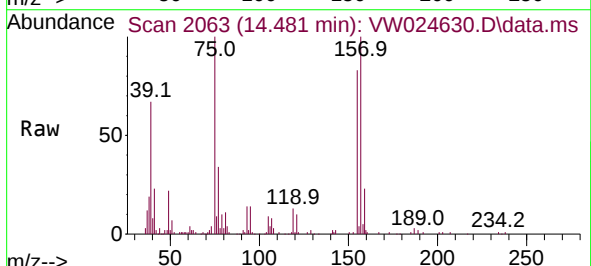
Tgt Ion: 75 Resp: 21830

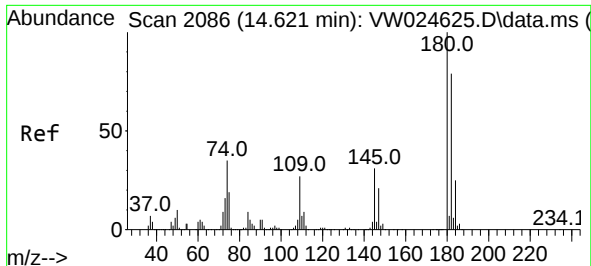
Ion Ratio Lower Upper

75 100

155 83.6 65.4 98.0

157 100.4 80.6 121.0

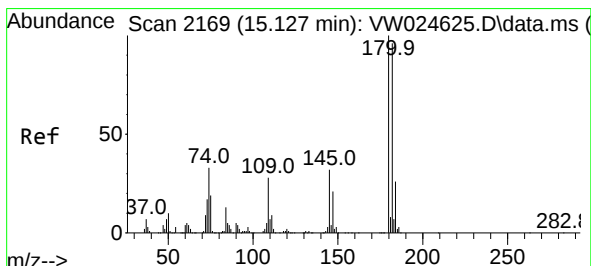
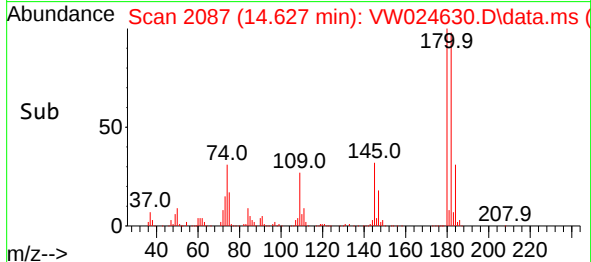
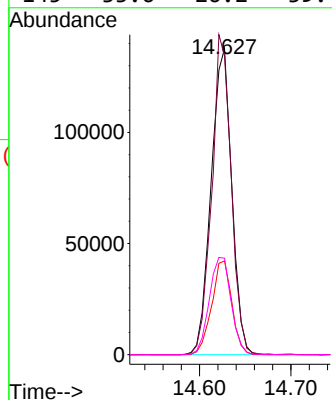
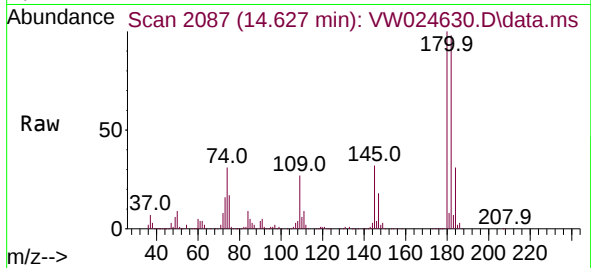




#69
 1,3,5-Trichlorobenzene
 Concen: 24.093 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW024630.D
 Acq: 22 Sep 2022 15:10

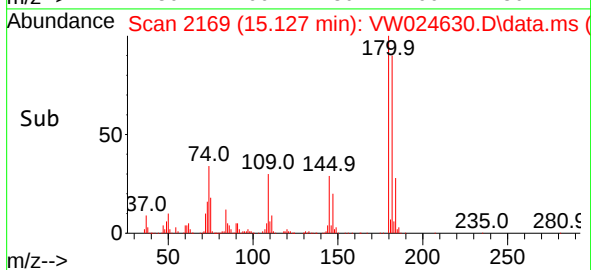
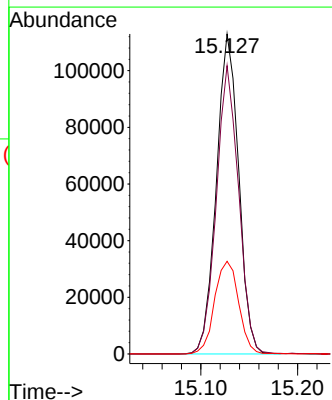
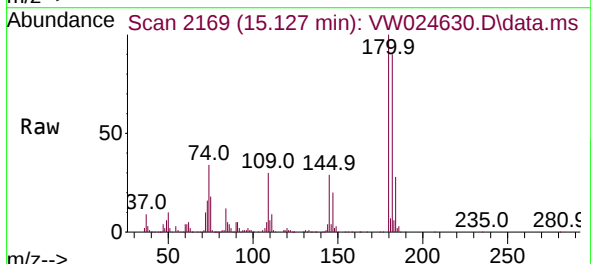
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

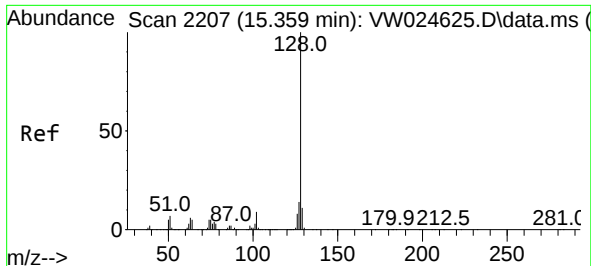
Tgt Ion:180	Resp:	215892
Ion Ratio	Lower	Upper
180	100	
182	98.1	78.5 117.7
184	30.0	23.9 35.9
145	33.6	26.2 39.4



#70
 1,2,4-trichlorobenzene
 Concen: 25.201 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024630.D
 Acq: 22 Sep 2022 15:10

Tgt Ion:180	Resp:	180671
Ion Ratio	Lower	Upper
180	100	
182	90.3	72.6 108.8
145	31.2	26.3 39.5

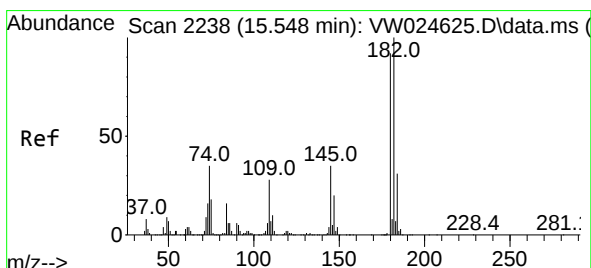
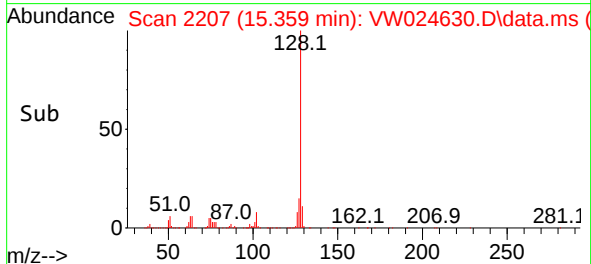
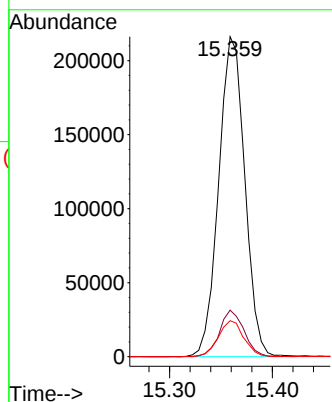
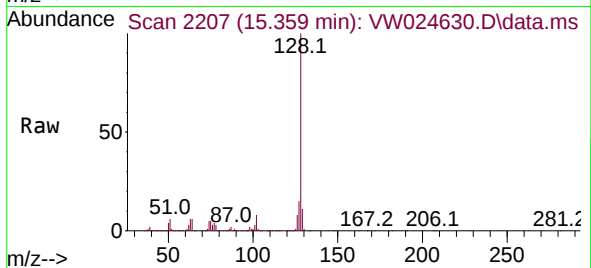




#71
Naphthalene
Concen: 26.577 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

Tgt Ion:128 Resp: 380937
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.703 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024630.D
Acq: 22 Sep 2022 15:10

Tgt Ion:180 Resp: 160928
Ion Ratio Lower Upper
180 100
182 90.8 75.2 112.8
145 34.6 27.7 41.5

