

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101122\
 Data File : VW024861.D
 Acq On : 11 Oct 2022 19:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Quant Time: Oct 12 01:23:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 01:17:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	509871	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	469805	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	226143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	135472	25.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.600%
7) Chloroethane-d5	2.885	69	82604	26.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	4.026	63	306649	24.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.360%
21) 2-Butanone-d5	7.074	46	92701	48.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.660%
24) Chloroform-d	7.647	84	333967	24.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	8.305	65	173593	24.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.275	84	695935	23.176	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	9.275	67	211638	23.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	10.323	98	616815	22.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	10.579	79	81473	19.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.760%
47) 2-Hexanone-d5	10.921	63	72095	45.927	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	162054	24.789	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	192192	24.152	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	38416	12.272	ug/L	92
3) Chloromethane	2.215	50	110948	18.200	ug/L	97
5) Vinyl chloride	2.361	62	170968	27.277	ug/L	100
6) Bromomethane	2.776	94	81435	28.152	ug/L	100
8) Chloroethane	2.922	64	73071	27.653	ug/L	100
9) Trichlorofluoromethane	3.257	101	90387	25.777	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	171475	25.640	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	167097	25.052	ug/L	94
13) Acetone	4.123	43	63570	45.429	ug/L	98
14) Carbon disulfide	4.385	76	509583	24.201	ug/L	100
15) Methyl Acetate	4.666	43	82710	26.694	ug/L	98
16) Methylene chloride	4.916	84	202803	20.253	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	184084	24.563	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	302210	25.433	ug/L	100
19) 1,1-Dichloroethane	6.214	63	360803	25.733	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	207645	25.822	ug/L	94
22) 2-Butanone	7.171	43	110975	49.582	ug/L	100
23) Bromochloromethane	7.519	128	84585	25.881	ug/L	97
25) Chloroform	7.677	83	355950	26.771	ug/L	95

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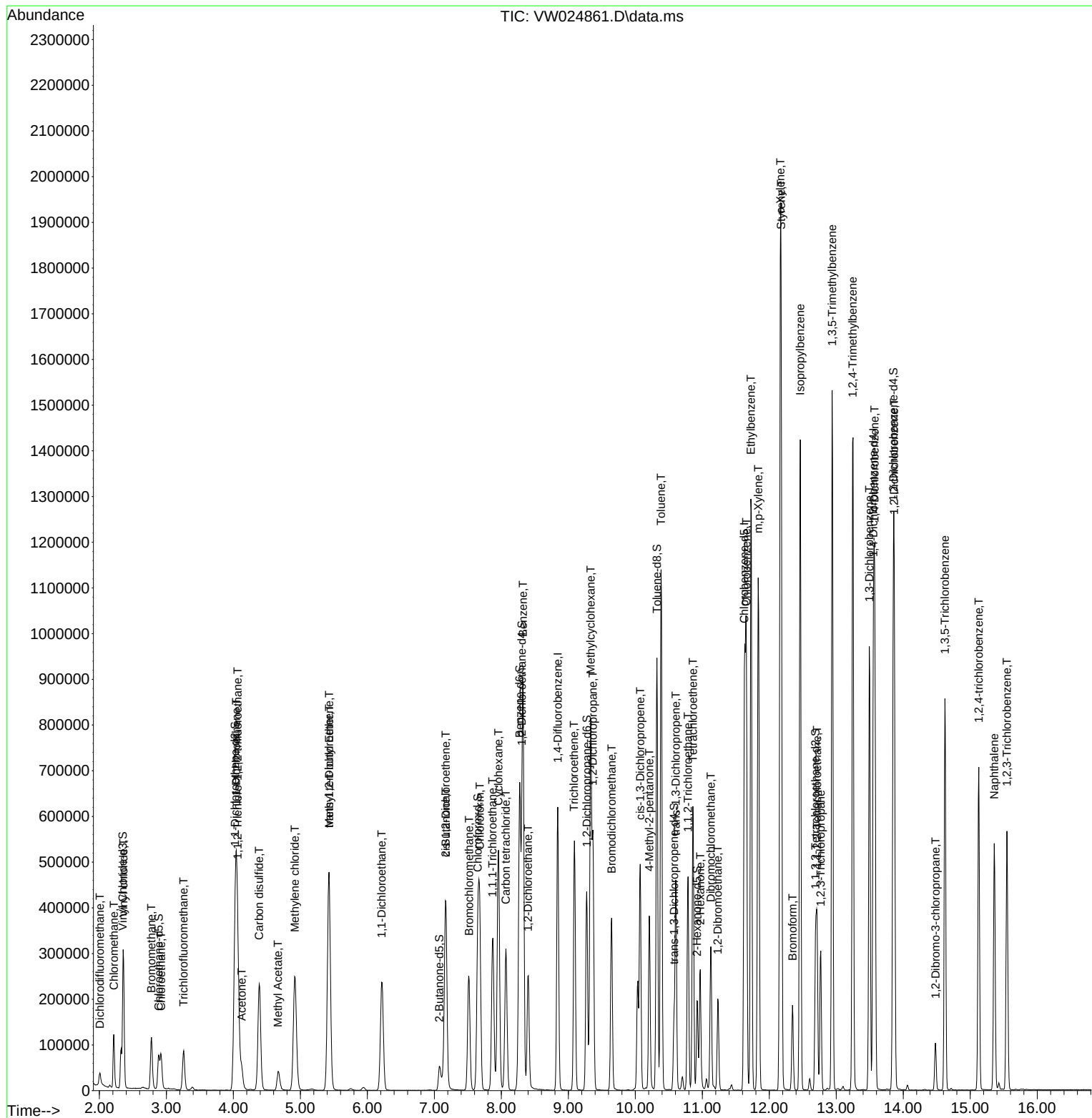
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	226612	27.086	ug/L	100
29) Cyclohexane	7.958	56	311627	21.296	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	271202	23.856	ug/L	98
31) Carbon tetrachloride	8.067	117	227587	23.641	ug/L	99
33) Benzene	8.324	78	802066	24.392	ug/L	100
34) Trichloroethene	9.086	95	195970	23.514	ug/L	95
35) Methylcyclohexane	9.336	83	329419	21.562	ug/L	99
37) 1,2-Dichloropropane	9.366	63	207602	25.574	ug/L	99
38) Bromodichloromethane	9.646	83	259148	25.952	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	301316	23.472	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	252029	52.452	ug/L	99
42) Toluene	10.384	91	832928	24.529	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	249261	22.648	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	147214	26.550	ug/L	100
46) Tetrachloroethene	10.860	164	129105	22.799	ug/L	88
48) 2-Hexanone	10.969	43	169712	52.233	ug/L	97
49) Dibromochloromethane	11.128	129	165368	26.485	ug/L	97
50) 1,2-Dibromoethane	11.232	107	136855	26.076	ug/L	97
51) Chlorobenzene	11.658	112	529422	25.464	ug/L	99
52) Ethylbenzene	11.725	91	930943	24.890	ug/L	100
53) m,p-Xylene	11.835	106	352445	24.131	ug/L	97
54) o-Xylene	12.164	106	348190	25.245	ug/L	99
55) Styrene	12.177	104	606816	26.099	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	180547	27.809	ug/L	98
59) Bromoform	12.347	173	81936	25.632	ug/L	100
60) Isopropylbenzene	12.463	105	929263	25.212	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	129490	26.582	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	804978	25.128	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	799982	25.491	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	375795	25.097	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	372246	25.537	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	344272	26.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	27533	23.901	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	236352	23.772	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	204882	24.529	ug/L	99
71) Naphthalene	15.359	128	457103	25.134	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	170130	23.933	ug/L	97

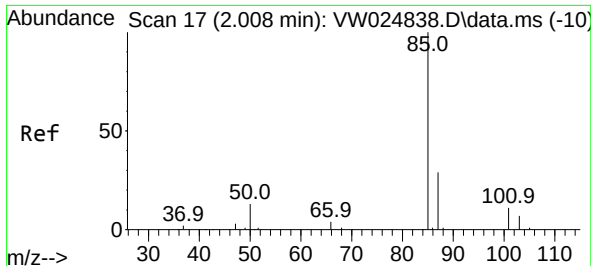
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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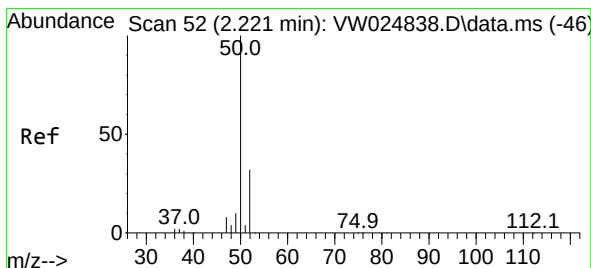
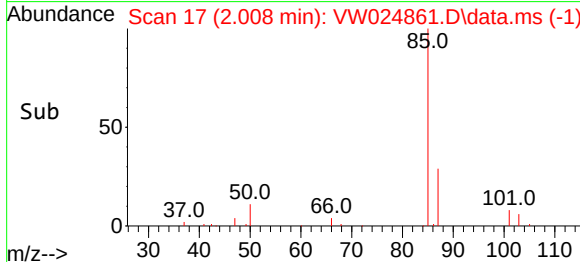
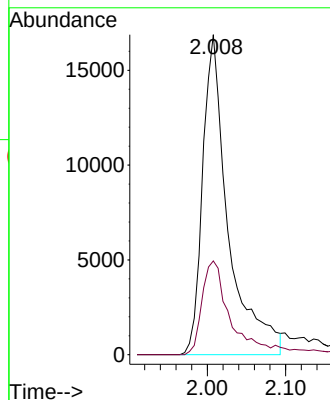
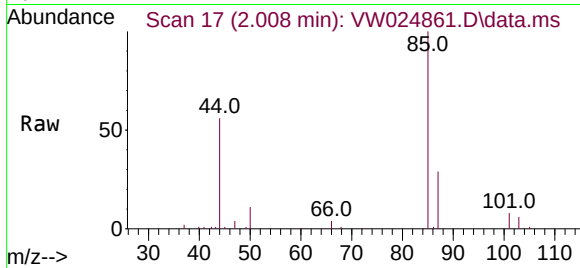




#2
 Dichlorodifluoromethane
 Concen: 12.272 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024861.D
 Acq: 11 Oct 2022 19:17

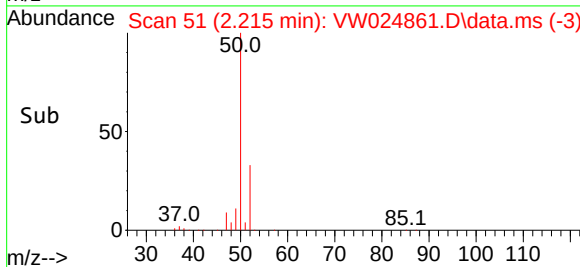
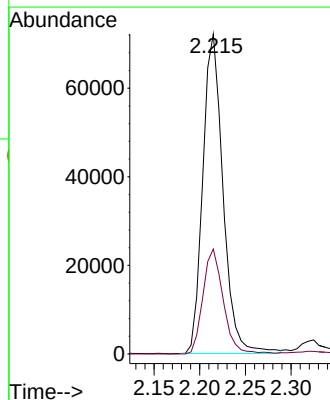
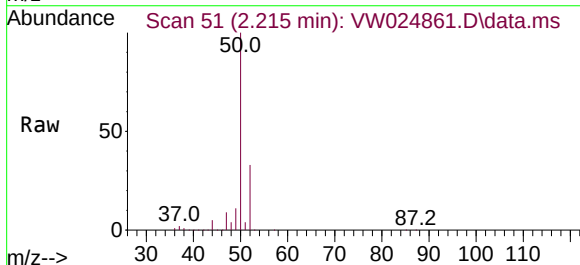
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

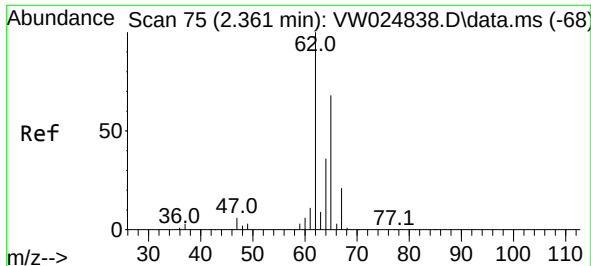
Tgt Ion: 85 Resp: 38416
 Ion Ratio Lower Upper
 85 100
 87 31.2 28.8 43.2



#3
 Chloromethane
 Concen: 18.200 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW024861.D
 Acq: 11 Oct 2022 19:17

Tgt Ion: 50 Resp: 110948
 Ion Ratio Lower Upper
 50 100
 52 32.8 21.7 40.3





#5
 Vinyl chloride
 Concen: 27.277 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW024861.D
 Acq: 11 Oct 2022 19:17

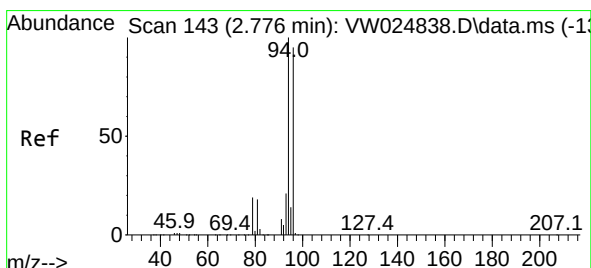
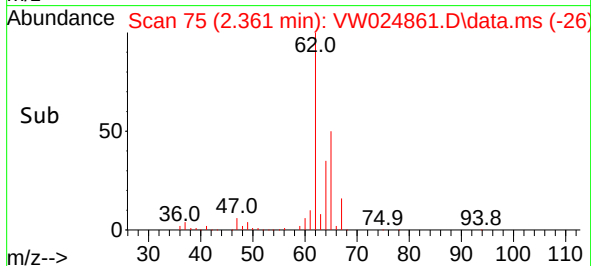
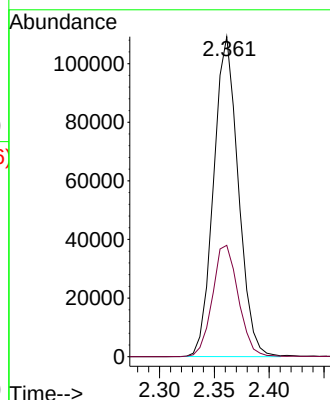
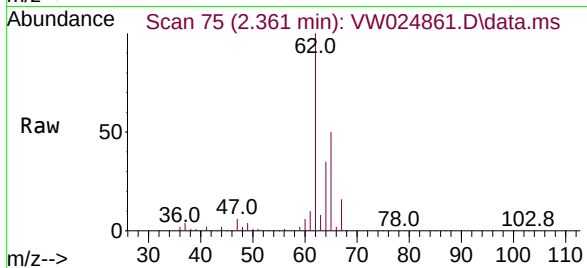
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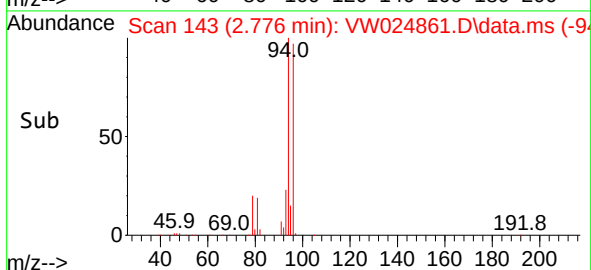
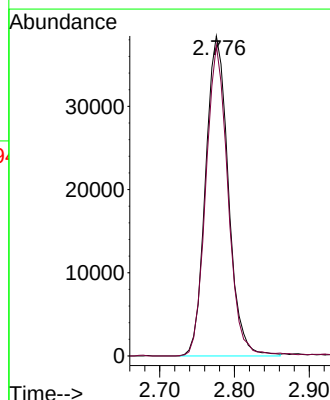
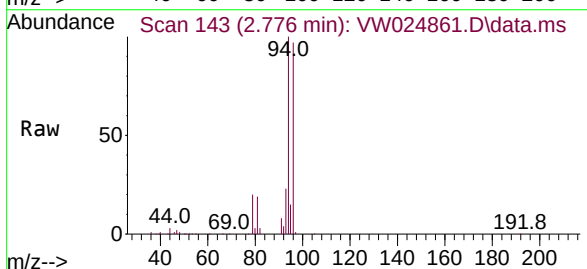
VSTD025594

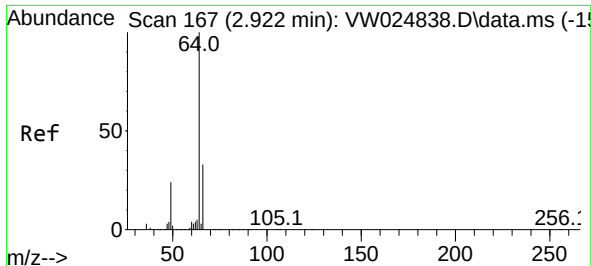
Tgt Ion: 62 Resp: 170968
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.4 45.2



#6
 Bromomethane
 Concen: 28.152 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW024861.D
 Acq: 11 Oct 2022 19:17

Tgt Ion: 94 Resp: 81435
 Ion Ratio Lower Upper
 94 100
 96 97.2 68.0 126.2

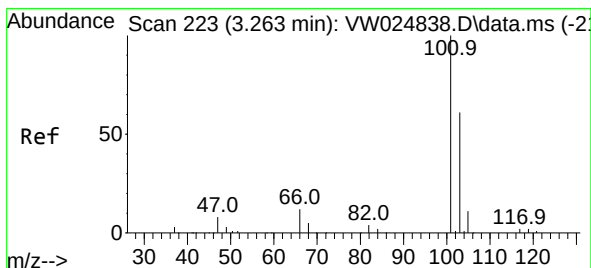
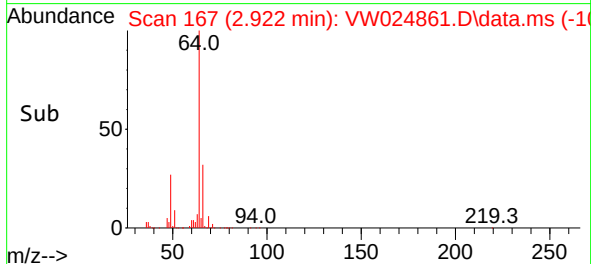
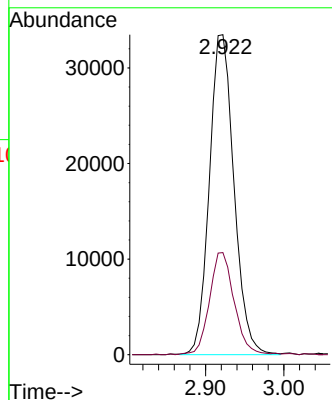
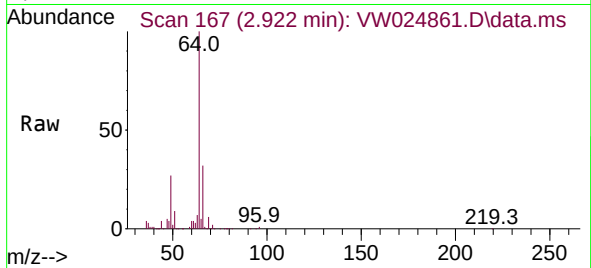




#8
Chloroethane
Concen: 27.653 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

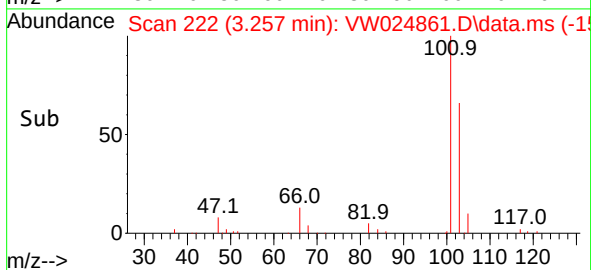
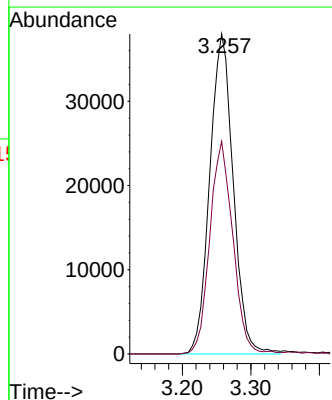
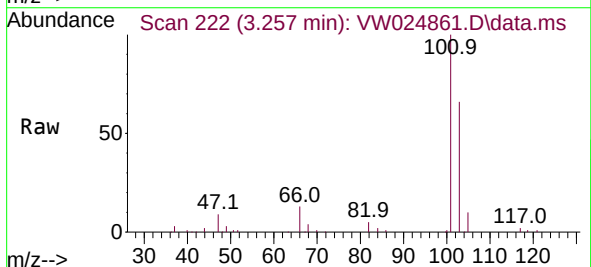
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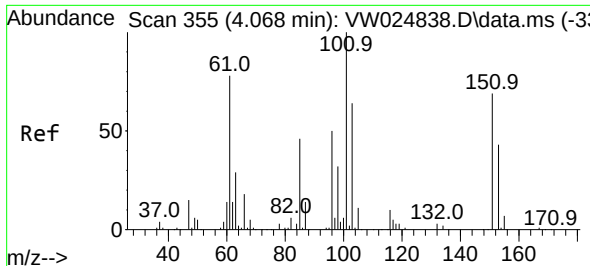
Tgt Ion: 64 Resp: 73071
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 25.777 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 101 Resp: 90387
Ion Ratio Lower Upper
101 100
103 64.8 53.4 80.2

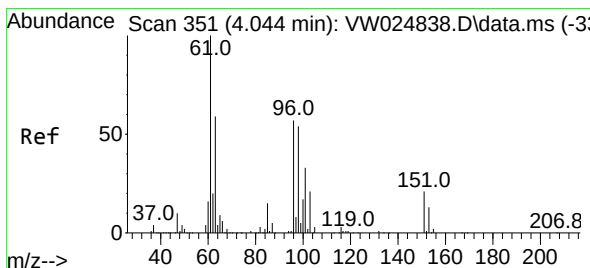
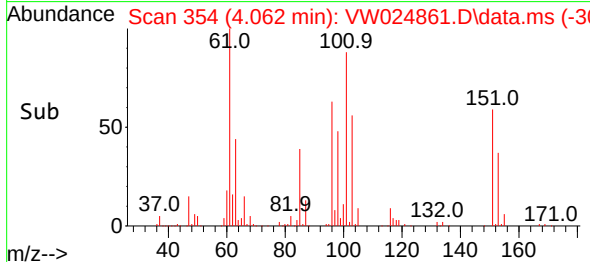
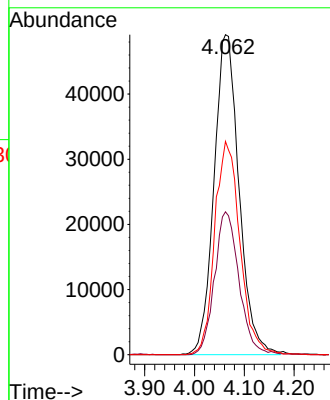
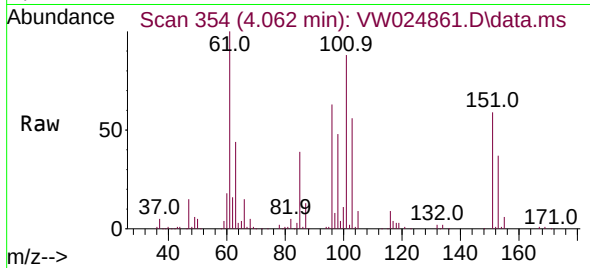




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.640 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW024861.D
 Acq: 11 Oct 2022 19:17

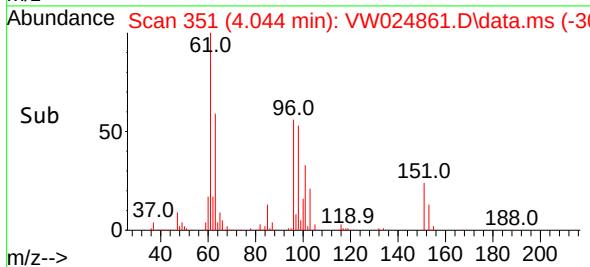
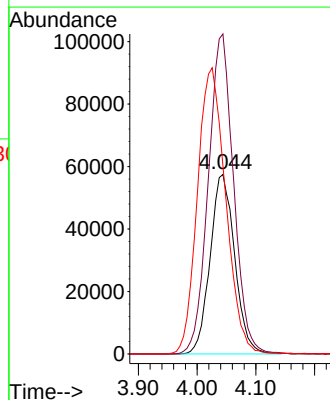
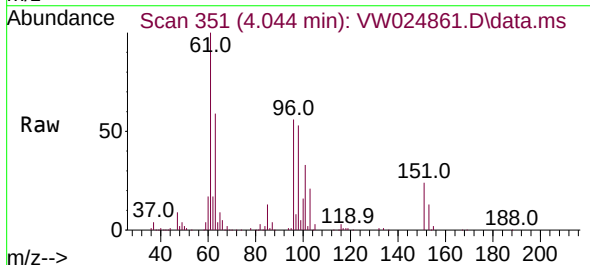
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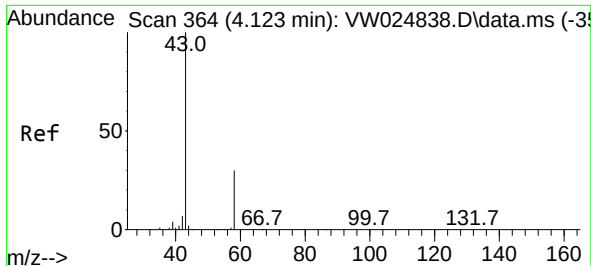
Tgt Ion:101 Resp: 171475
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.9 52.3
 151 66.9 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 25.052 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024861.D
 Acq: 11 Oct 2022 19:17

Tgt Ion: 96 Resp: 167097
 Ion Ratio Lower Upper
 96 100
 61 178.2 124.5 231.1
 63 104.8 84.1 156.1





#13

Acetone

Concen: 45.429 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

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ClientSampleId :

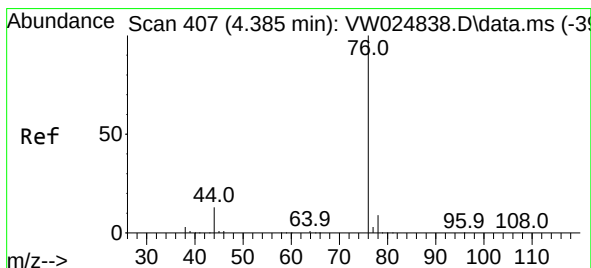
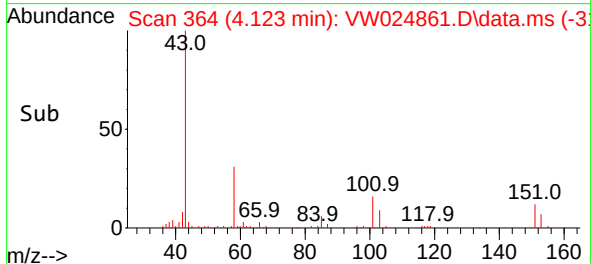
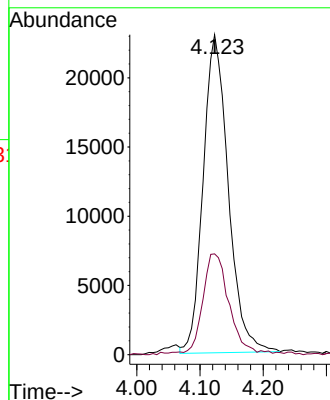
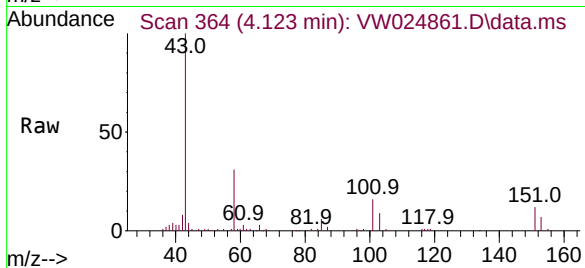
VSTD025594

Tgt Ion: 43 Resp: 63570

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.6



#14

Carbon disulfide

Concen: 24.201 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW024861.D

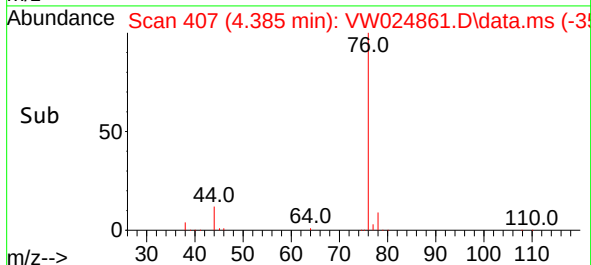
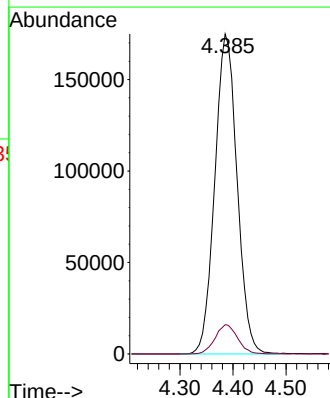
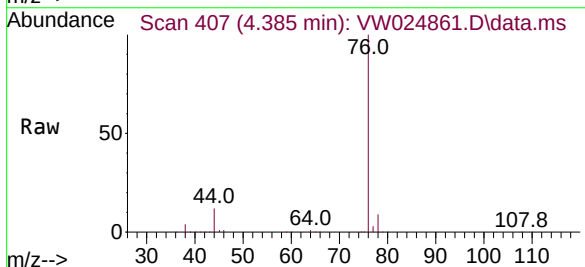
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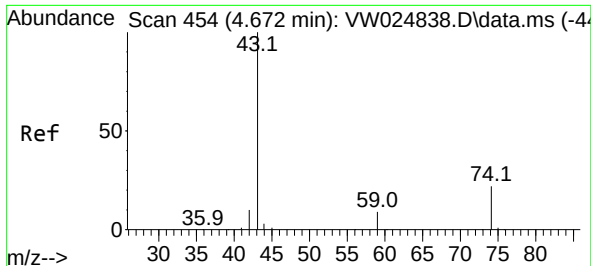
Tgt Ion: 76 Resp: 509583

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

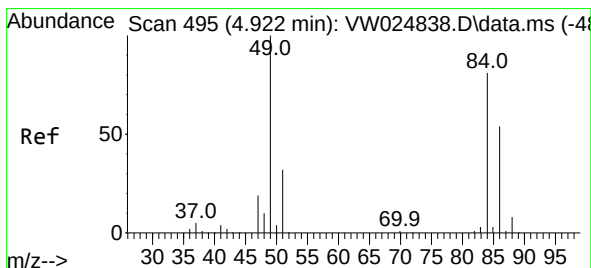
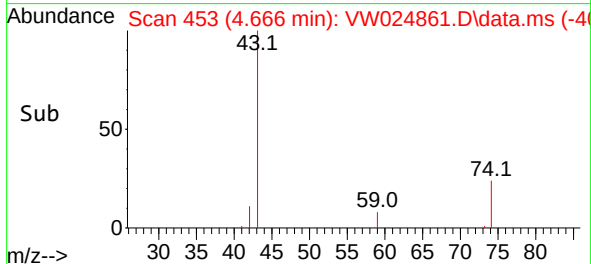
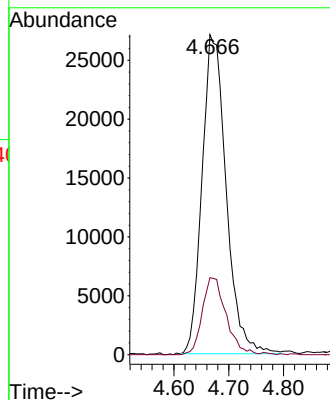
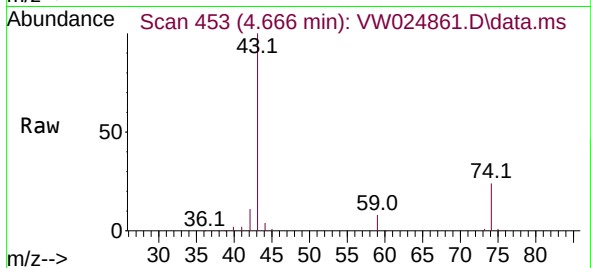




#15
Methyl Acetate
Concen: 26.694 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

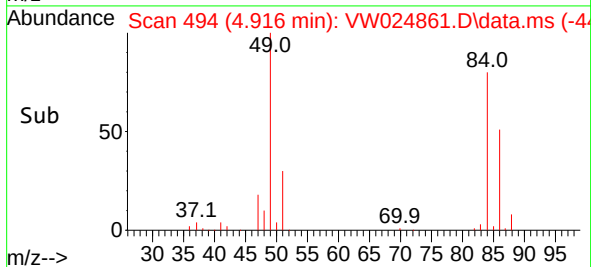
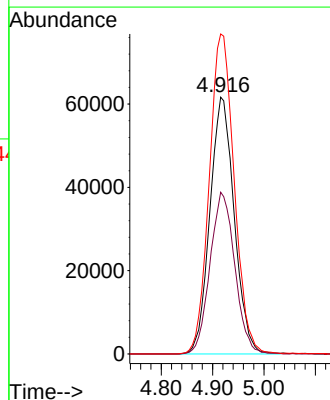
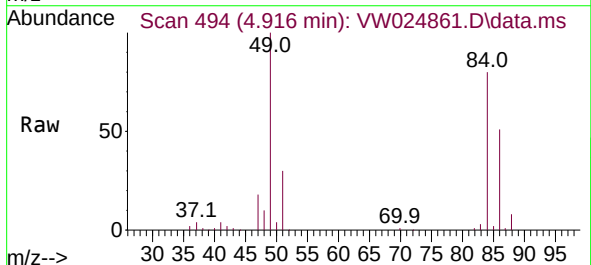
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

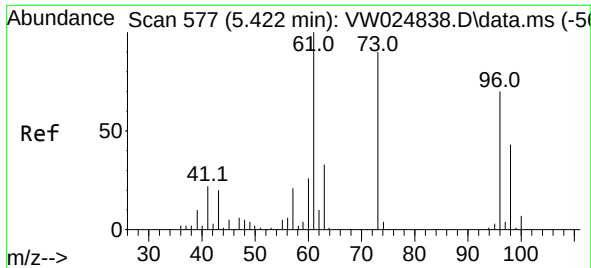
Tgt Ion: 43 Resp: 82710
Ion Ratio Lower Upper
43 100
74 23.7 18.1 27.1



#16
Methylene chloride
Concen: 20.253 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 84 Resp: 202803
Ion Ratio Lower Upper
84 100
86 63.0 44.0 81.8
49 124.6 87.4 162.2

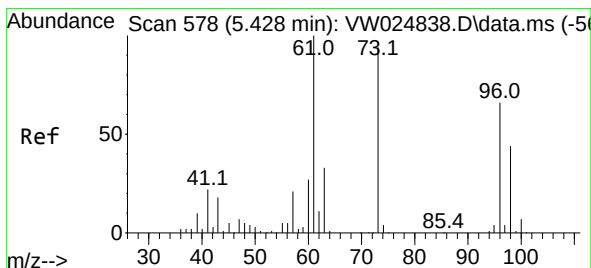
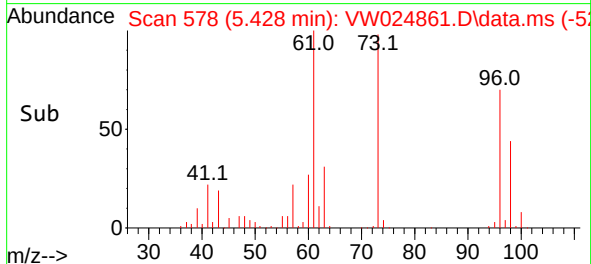
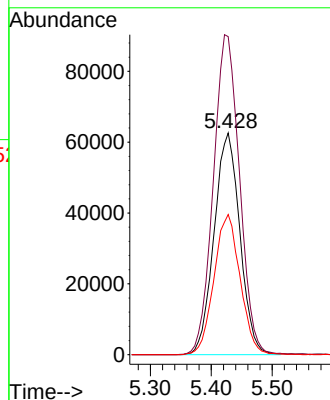
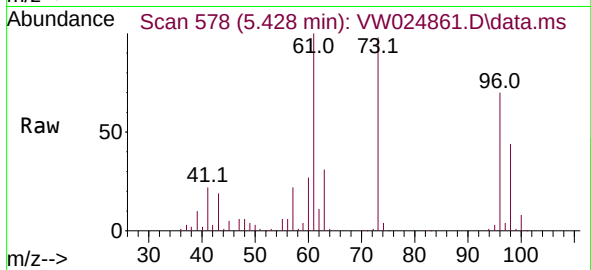




#17
trans-1,2-Dichloroethene
Concen: 24.563 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

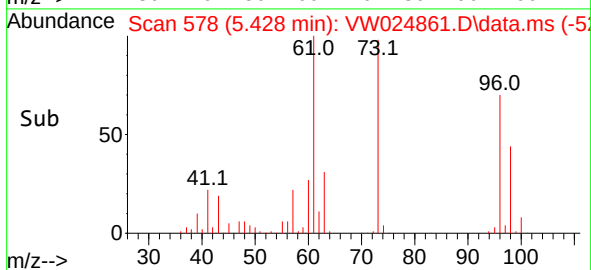
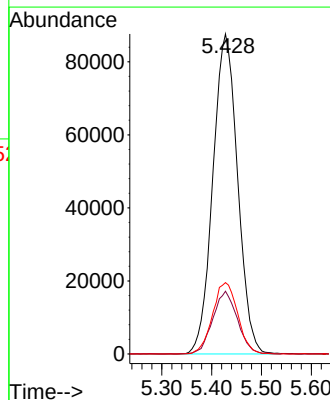
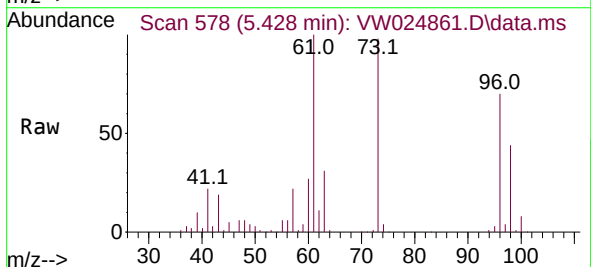
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

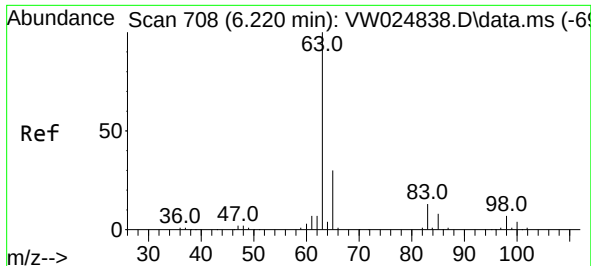
Tgt Ion: 96 Resp: 184084
Ion Ratio Lower Upper
96 100
61 143.4 106.3 197.5
98 63.2 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 25.433 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 73 Resp: 302210
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4
57 22.6 18.3 27.5





#19

1,1-Dichloroethane

Concen: 25.733 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

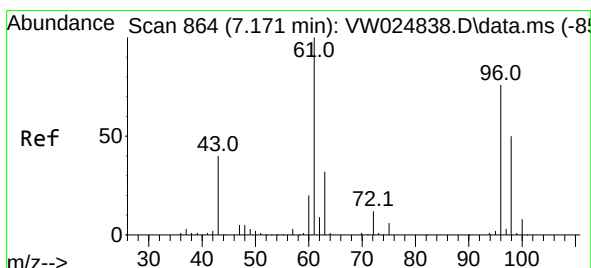
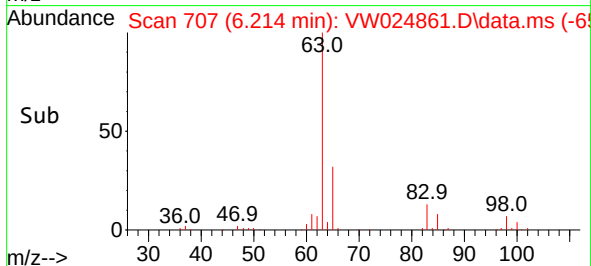
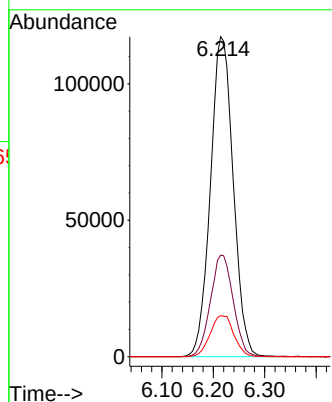
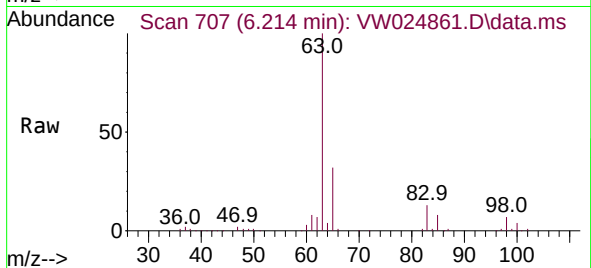
Tgt Ion: 63 Resp: 360803

Ion Ratio Lower Upper

63 100

65 31.8 23.7 43.9

83 12.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 25.822 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

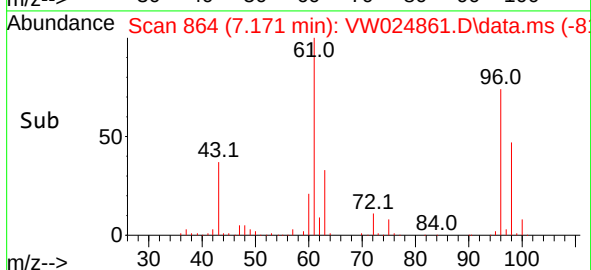
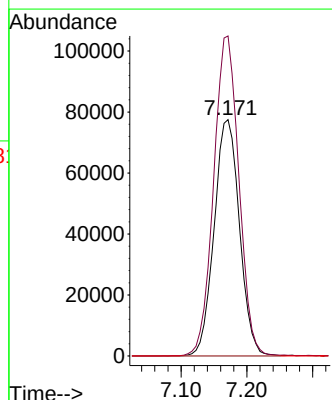
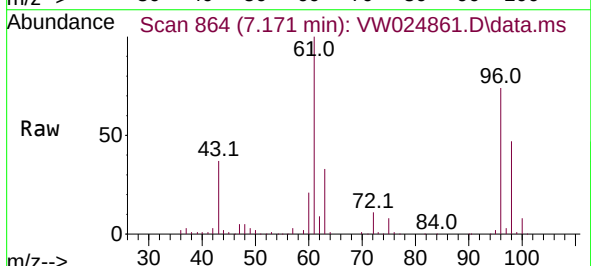
Tgt Ion: 96 Resp: 207645

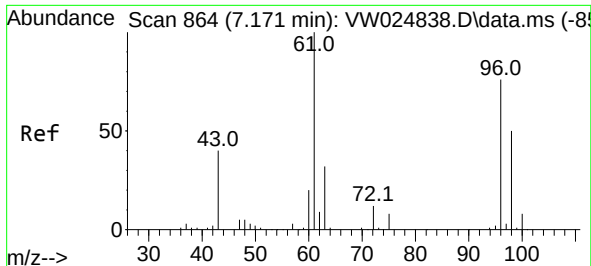
Ion Ratio Lower Upper

96 100

61 135.4 90.2 167.4

68 0.0 0.0 0.0

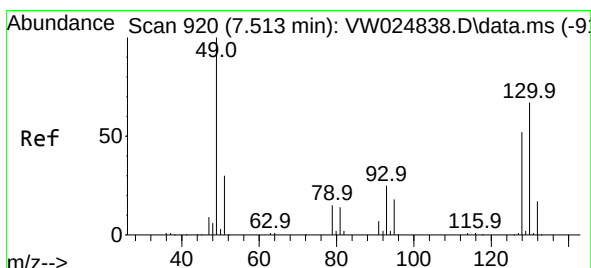
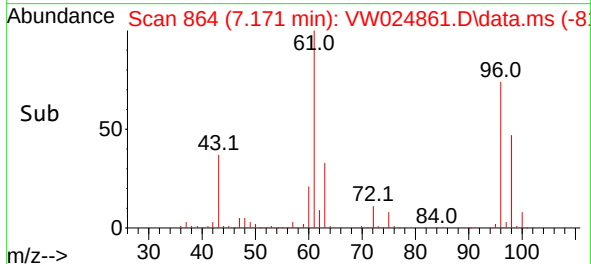
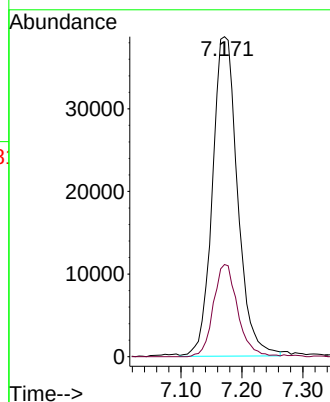
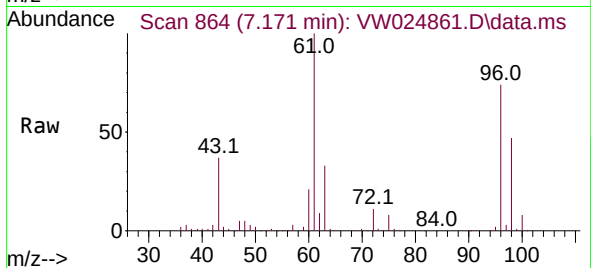




#22
2-Butanone
Concen: 49.582 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

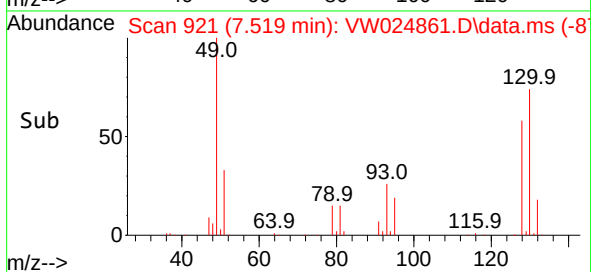
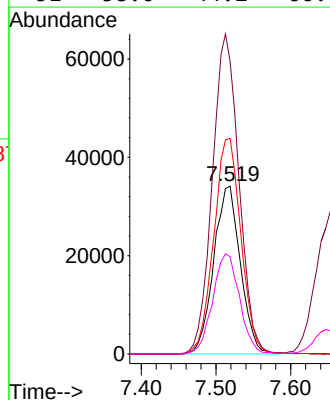
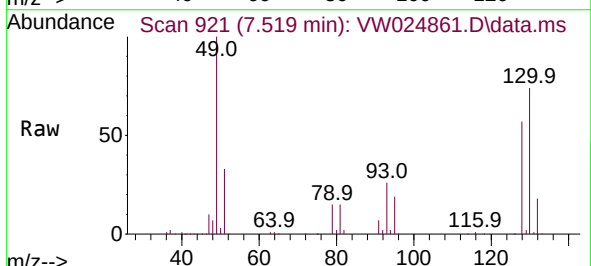
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

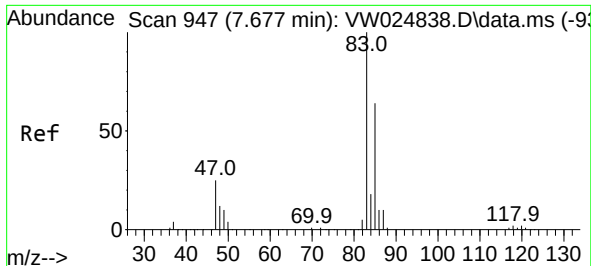
Tgt Ion: 43 Resp: 110975
Ion Ratio Lower Upper
43 100
72 27.7 13.8 41.3



#23
Bromochloromethane
Concen: 25.881 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 128 Resp: 84585
Ion Ratio Lower Upper
128 100
49 174.3 127.3 236.3
130 128.5 90.2 167.4
51 58.0 44.2 66.4





#25

Chloroform

Concen: 26.771 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

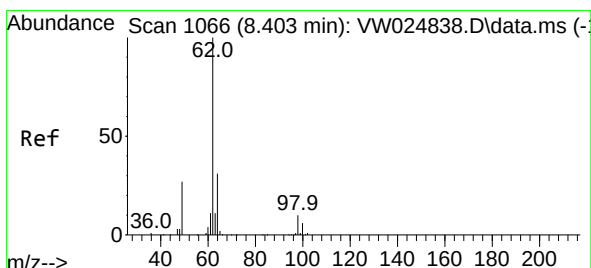
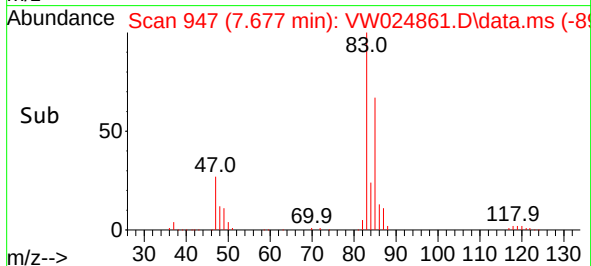
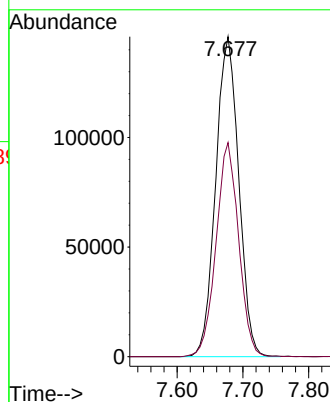
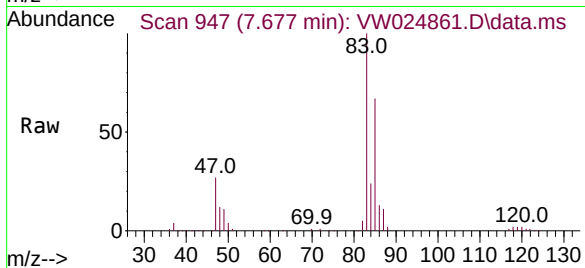
VSTD025594

Tgt Ion: 83 Resp: 355950

Ion Ratio Lower Upper

83 100

85 66.9 44.0 81.8



#27

1,2-Dichloroethane

Concen: 27.086 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW024861.D

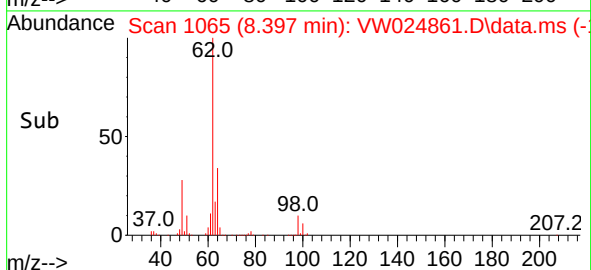
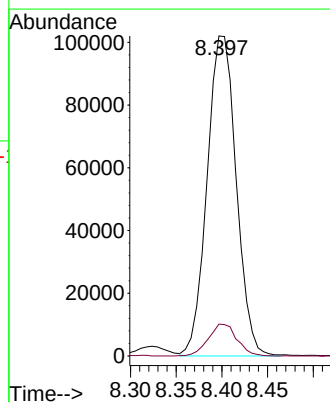
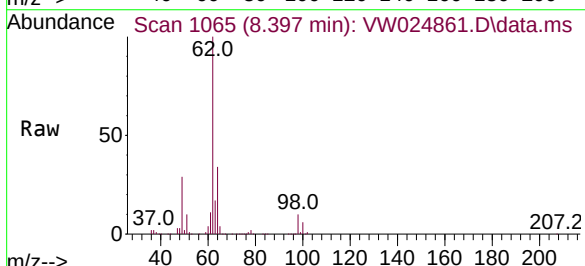
Acq: 11 Oct 2022 19:17

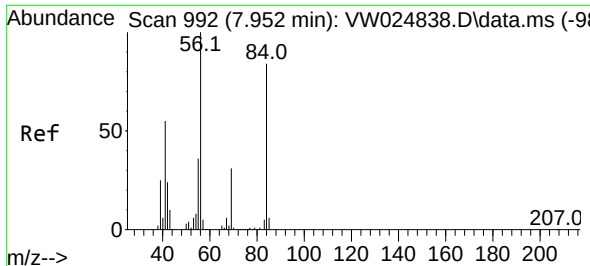
Tgt Ion: 62 Resp: 226612

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.8





#29

Cyclohexane

Concen: 21.296 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024861.D

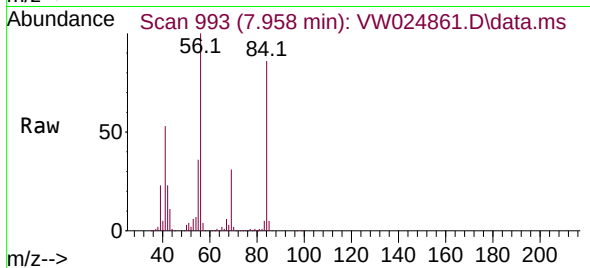
Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594



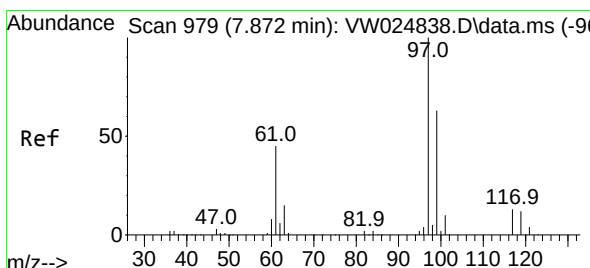
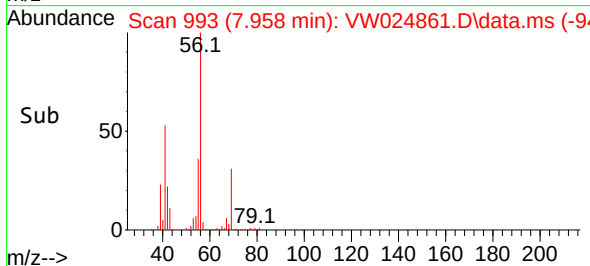
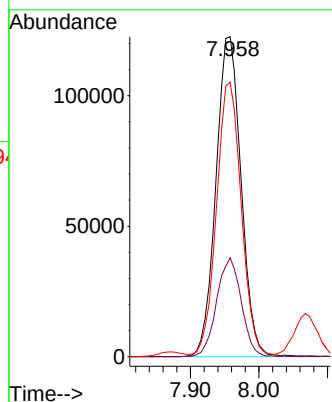
Tgt Ion: 56 Resp: 311627

Ion Ratio Lower Upper

56 100

69 30.3 25.0 37.4

84 84.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 23.856 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

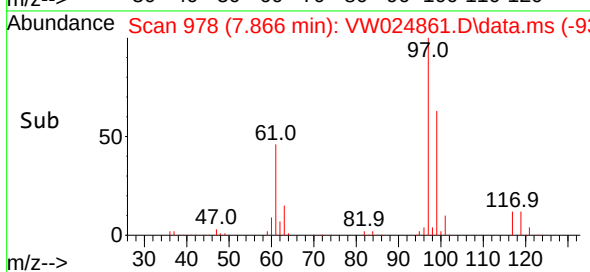
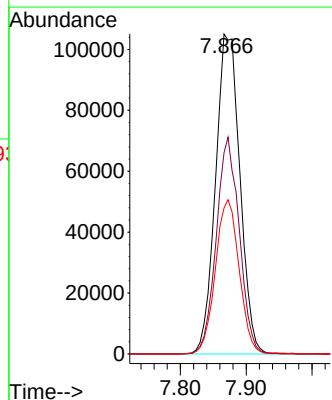
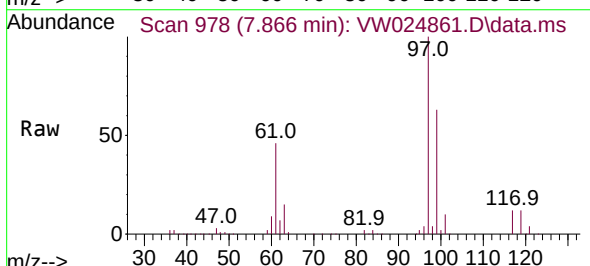
Tgt Ion: 97 Resp: 271202

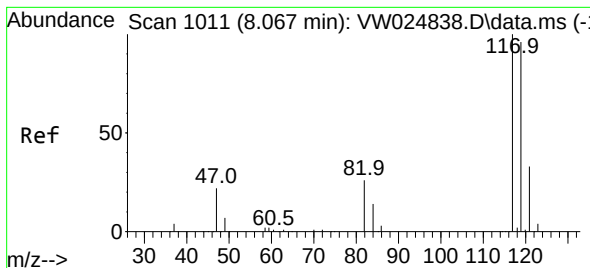
Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 46.9 35.8 53.6

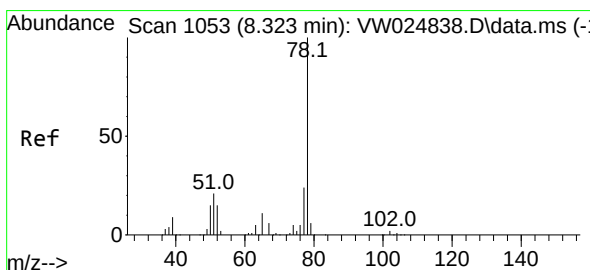
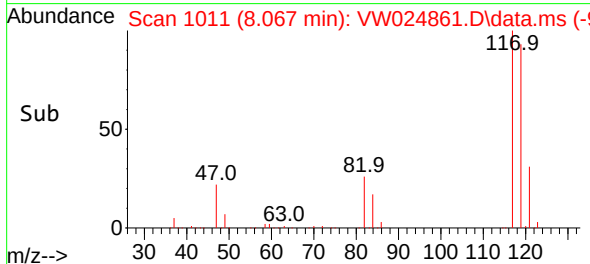
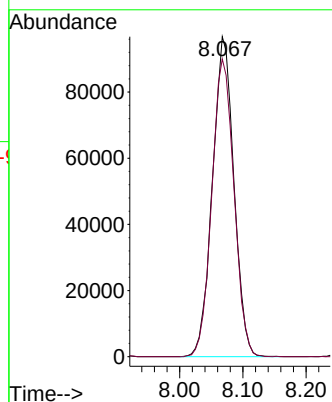
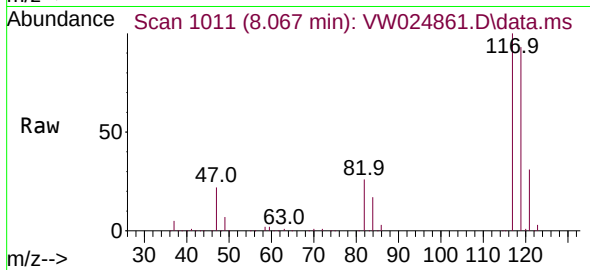




#31
Carbon tetrachloride
Concen: 23.641 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

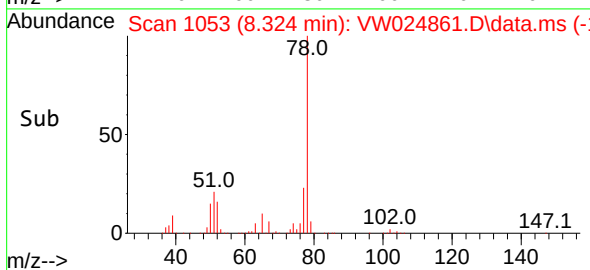
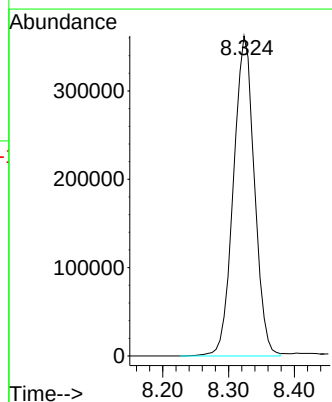
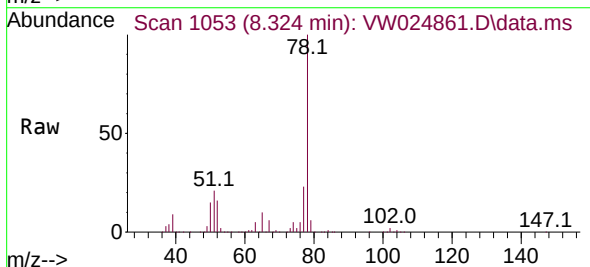
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

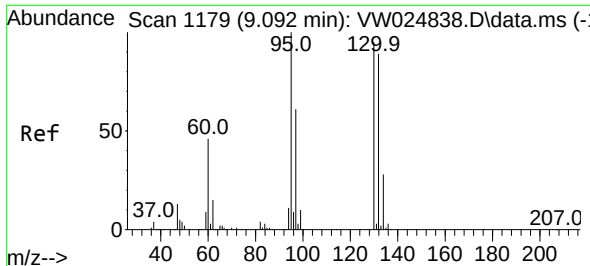
Tgt Ion:117 Resp: 227587
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2



#33
Benzene
Concen: 24.392 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 78 Resp: 802066



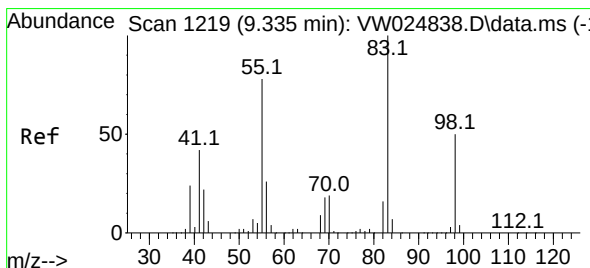
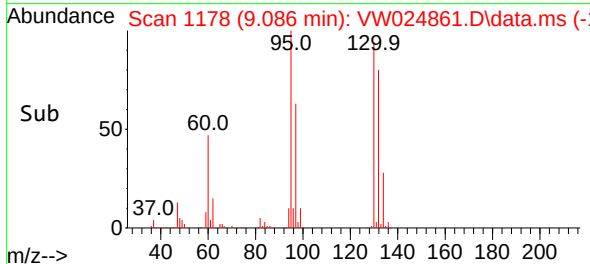
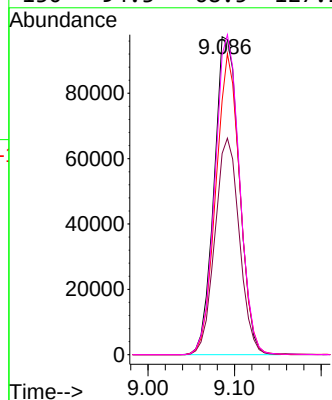
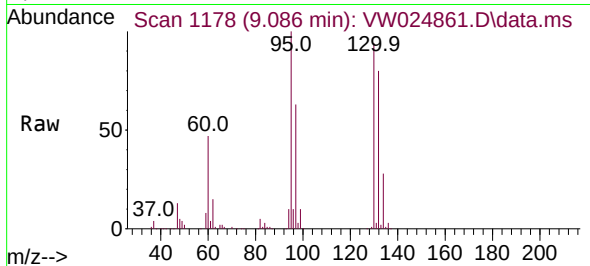


#34
Trichloroethene
Concen: 23.514 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

Tgt Ion: 95 Resp: 195970

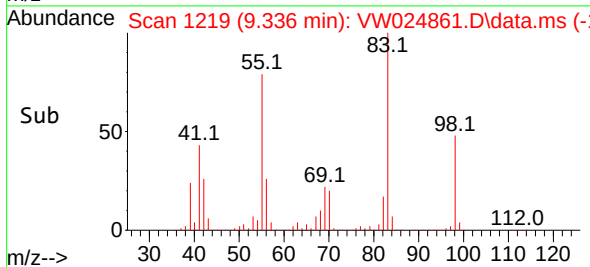
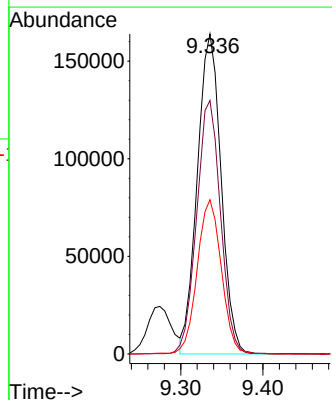
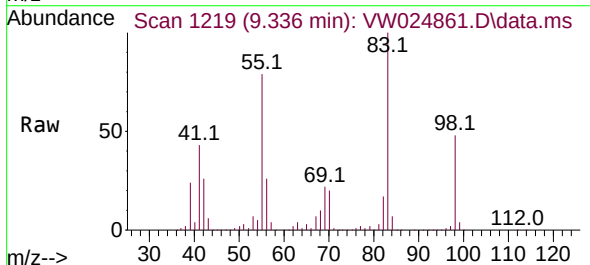
Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.5	80.9
132	79.9	61.2	113.8
130	94.3	68.5	127.1

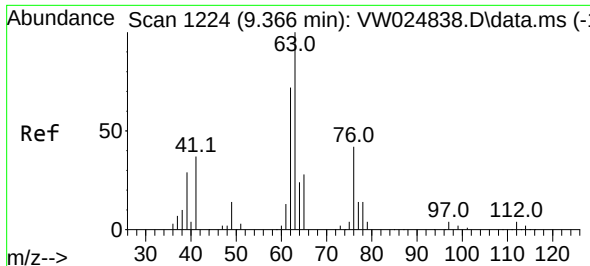


#35
Methylcyclohexane
Concen: 21.562 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 83 Resp: 329419

Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.1	94.7
98	48.8	38.3	57.5





#37

1,2-Dichloropropane

Concen: 25.574 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

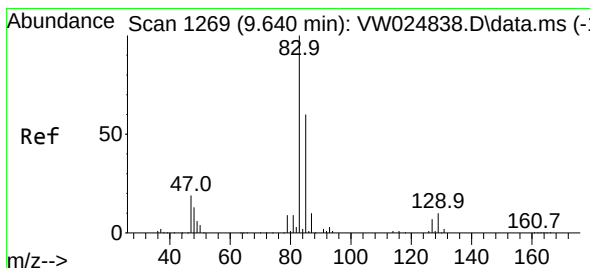
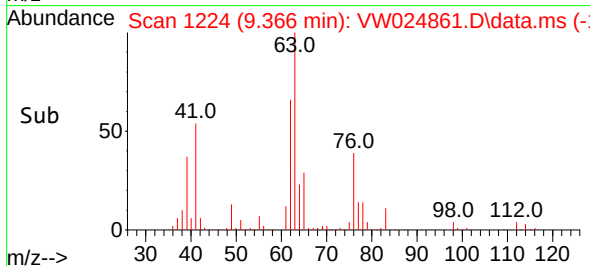
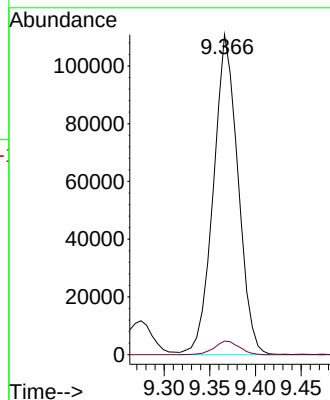
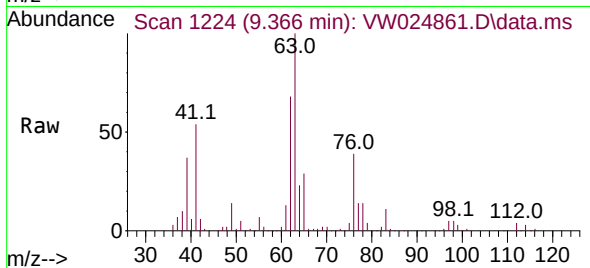
VSTD025594

Tgt Ion: 63 Resp: 207602

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 25.952 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

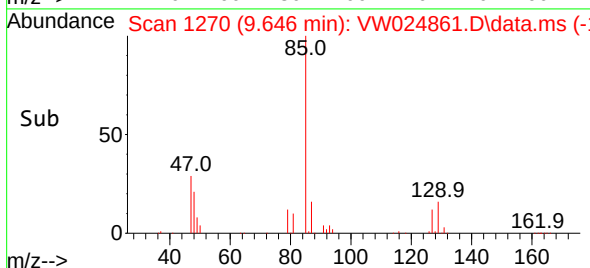
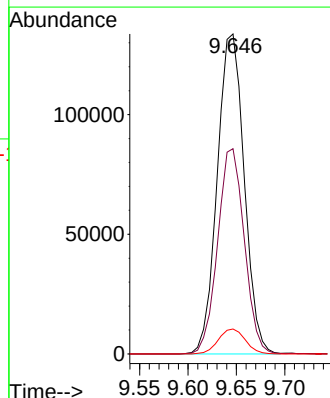
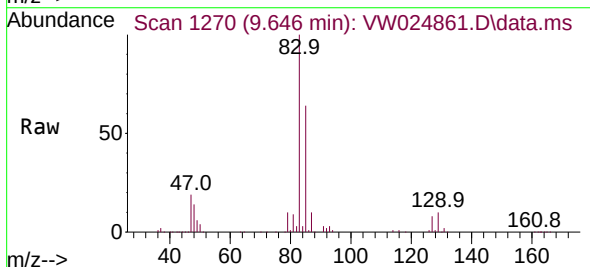
Tgt Ion: 83 Resp: 259148

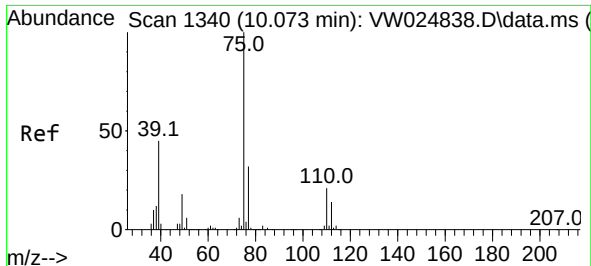
Ion Ratio Lower Upper

83 100

85 64.1 45.6 84.8

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 23.472 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

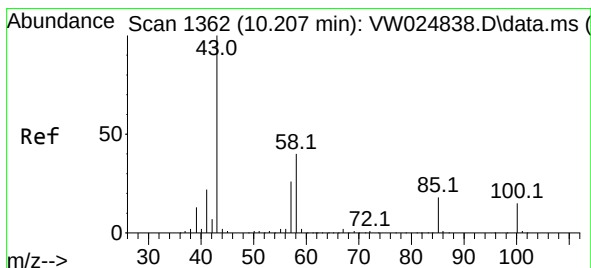
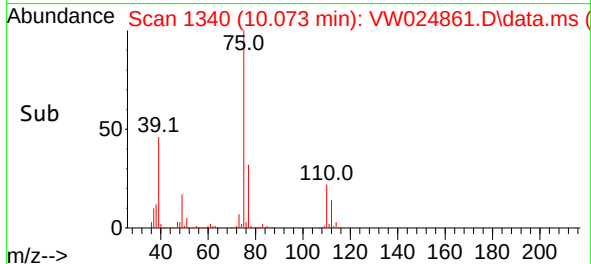
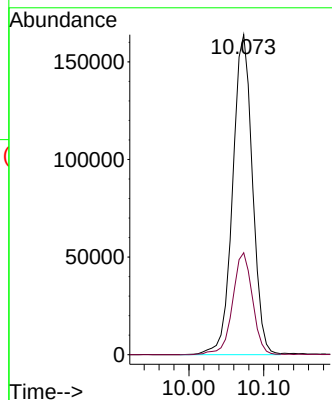
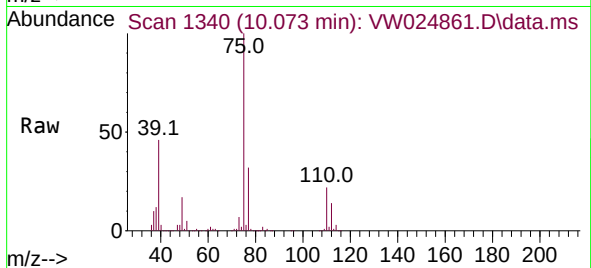
VSTD025594

Tgt Ion: 75 Resp: 301316

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 52.452 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

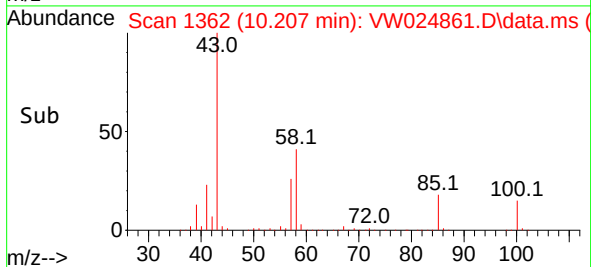
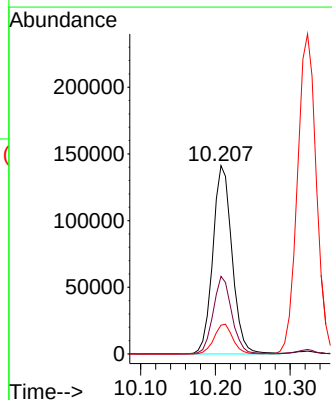
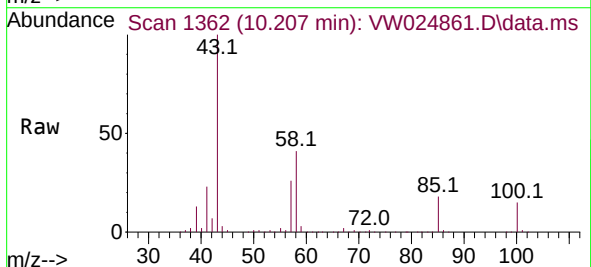
Tgt Ion: 43 Resp: 252029

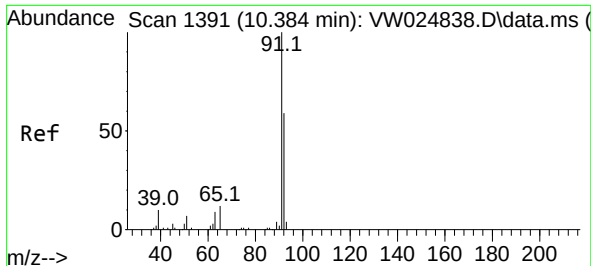
Ion Ratio Lower Upper

43 100

58 40.1 32.9 49.3

100 15.4 12.6 19.0

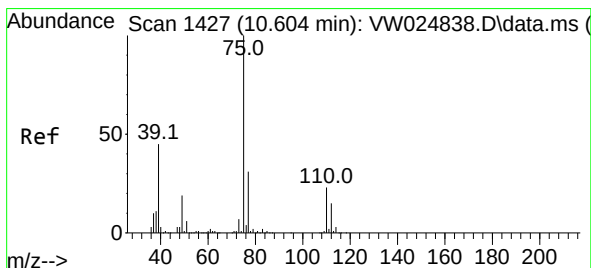
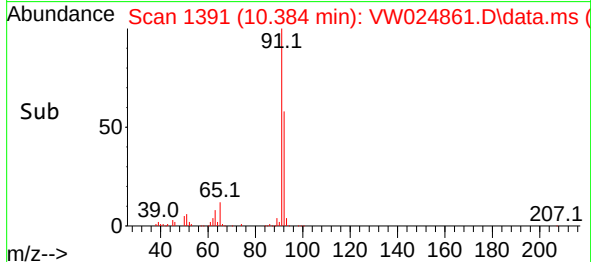
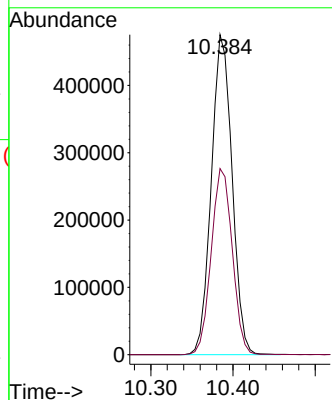
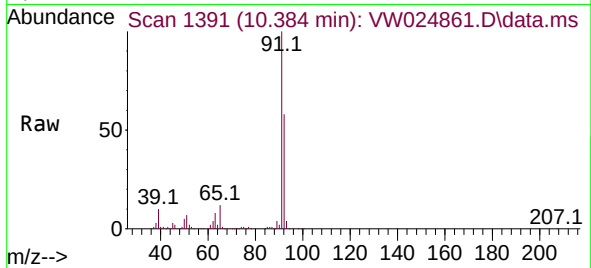




#42
Toluene
Concen: 24.529 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

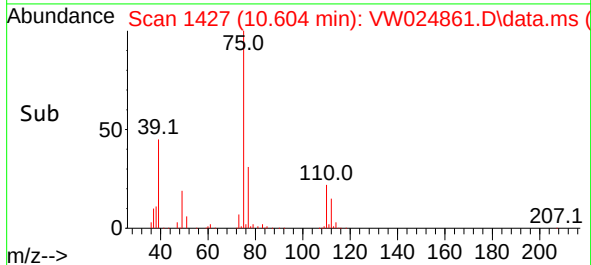
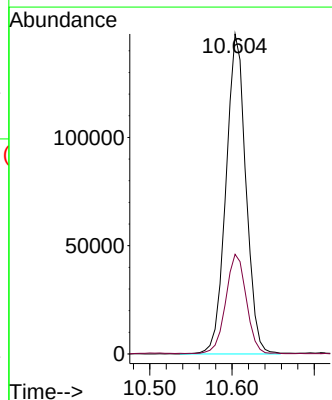
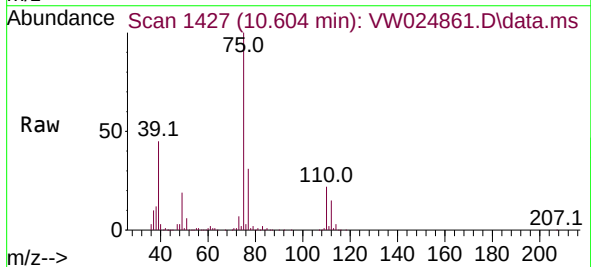
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

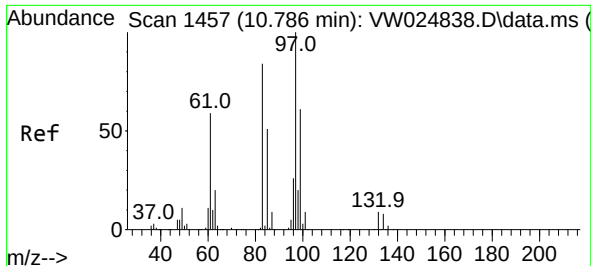
Tgt Ion: 91 Resp: 832928
Ion Ratio Lower Upper
91 100
92 58.2 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 22.648 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 75 Resp: 249261
Ion Ratio Lower Upper
75 100
77 31.1 21.3 39.6



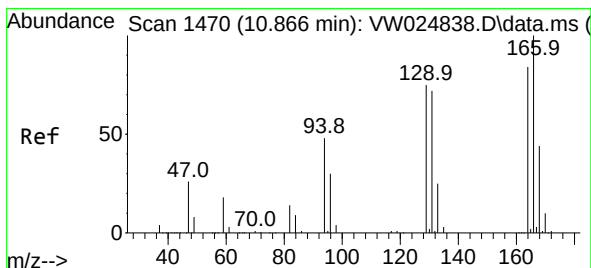
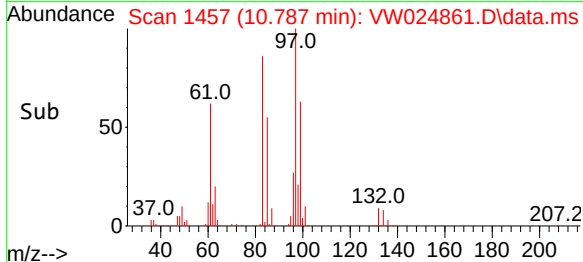
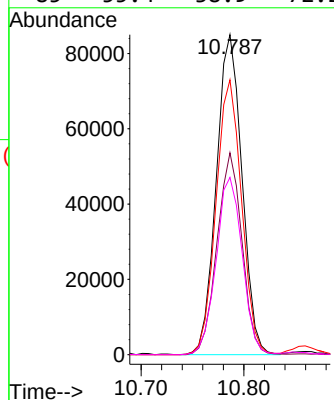
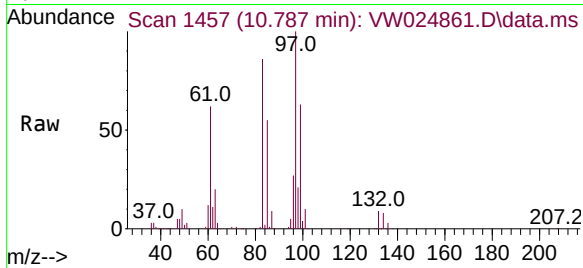


#45
1,1,2-Trichloroethane
Concen: 26.550 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

Tgt Ion: 97 Resp: 147214

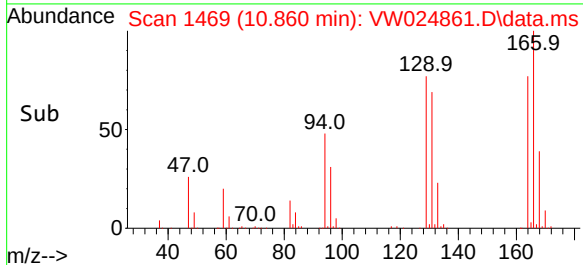
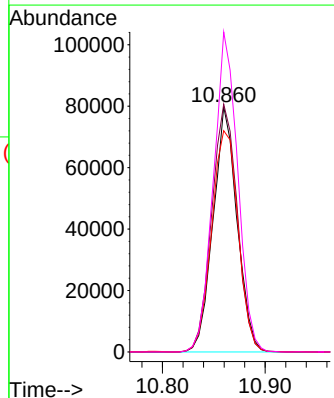
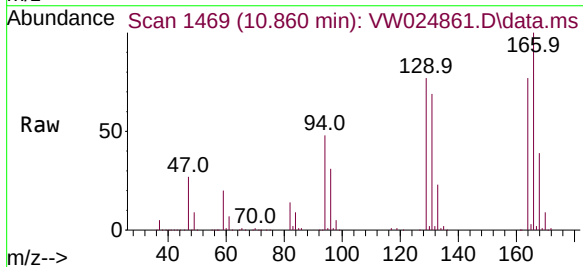
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.4
83	85.9	60.1	111.5
85	55.4	38.9	72.2

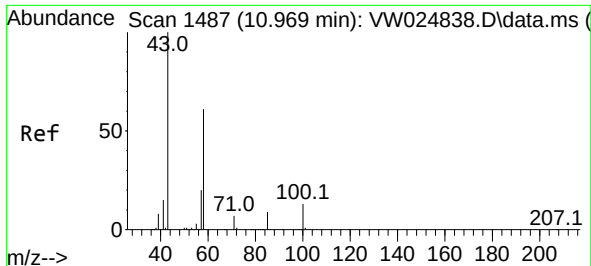


#46
Tetrachloroethene
Concen: 22.799 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 164 Resp: 129105

Ion	Ratio	Lower	Upper
164	100		
129	101.0	74.1	137.5
131	90.2	71.5	132.7
166	130.4	76.3	141.7



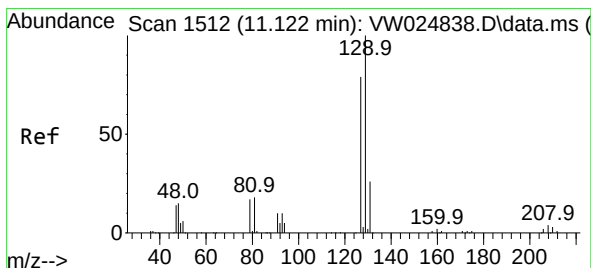
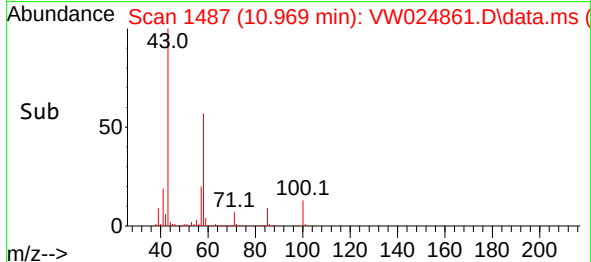
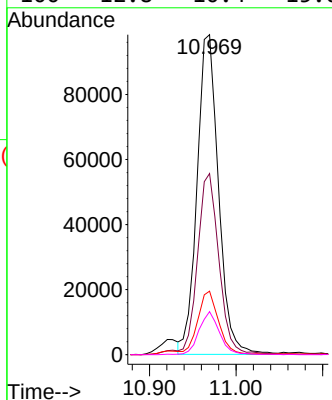
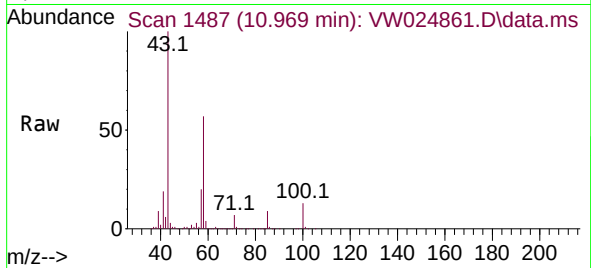


#48
2-Hexanone
Concen: 52.233 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

Tgt Ion: 43 Resp: 169712

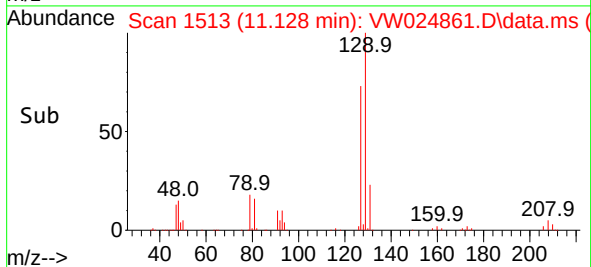
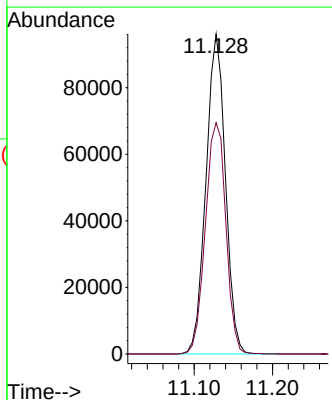
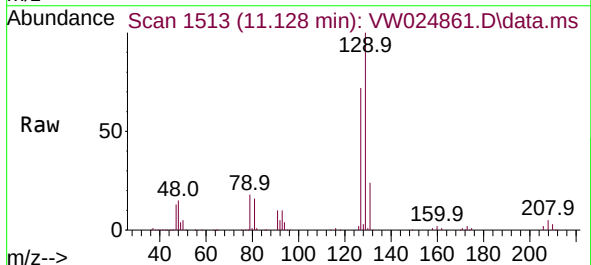
Ion	Ratio	Lower	Upper
43	100		
58	54.3	45.3	67.9
57	18.8	16.3	24.5
100	12.8	10.4	15.6

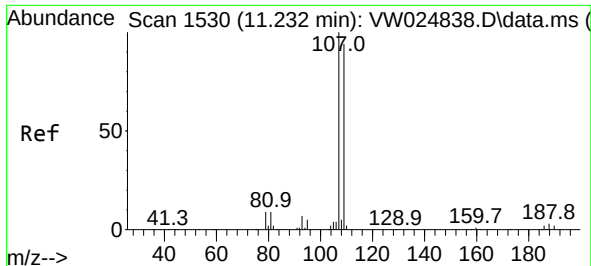


#49
Dibromochloromethane
Concen: 26.485 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 129 Resp: 165368

Ion	Ratio	Lower	Upper
129	100		
127	72.2	52.4	97.4





#50

1,2-Dibromoethane

Concen: 26.076 ug/L

RT: 11.232 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

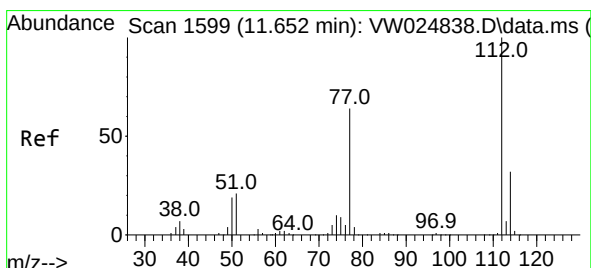
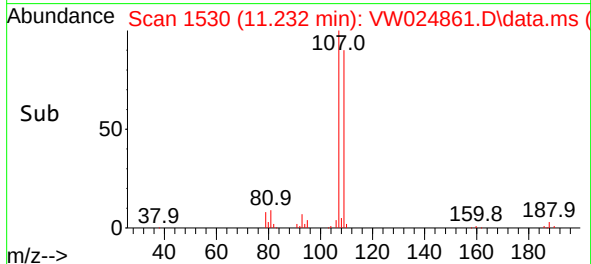
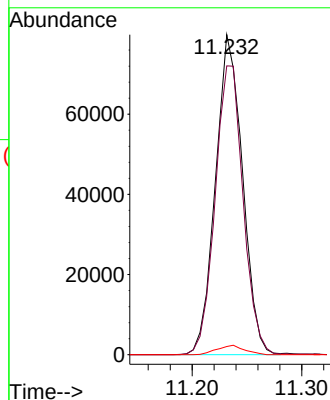
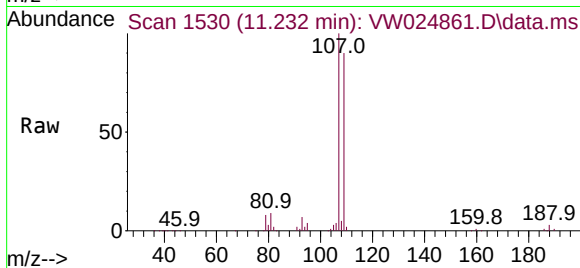
Tgt Ion:107 Resp: 136855

Ion Ratio Lower Upper

107 100

109 90.3 65.5 121.7

188 2.6 2.4 3.6



#51

Chlorobenzene

Concen: 25.464 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

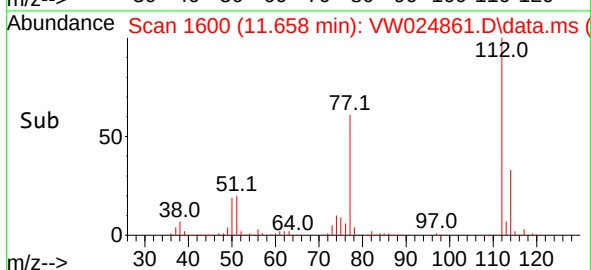
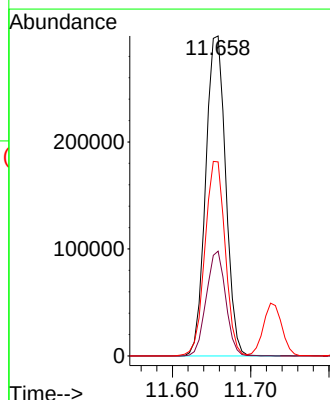
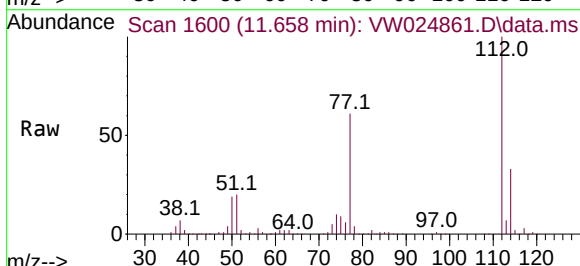
Tgt Ion:112 Resp: 529422

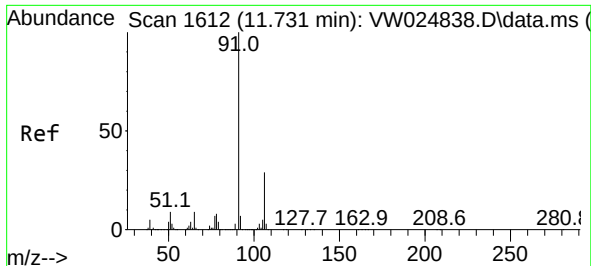
Ion Ratio Lower Upper

112 100

114 32.8 23.3 43.3

77 60.7 49.1 73.7

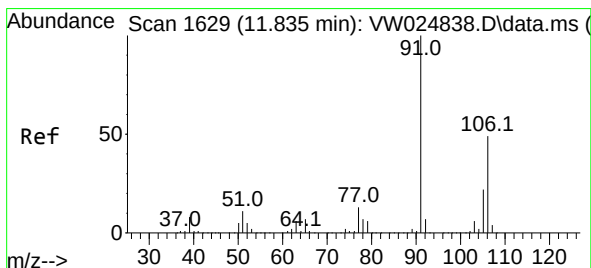
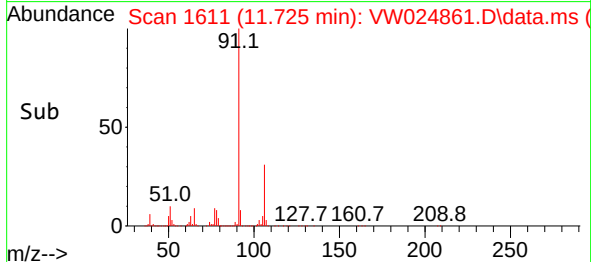
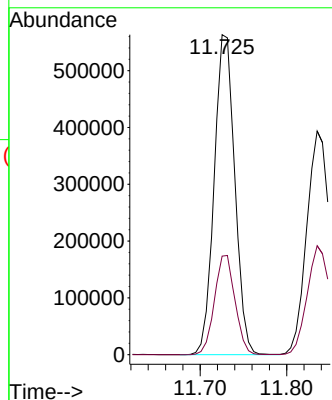
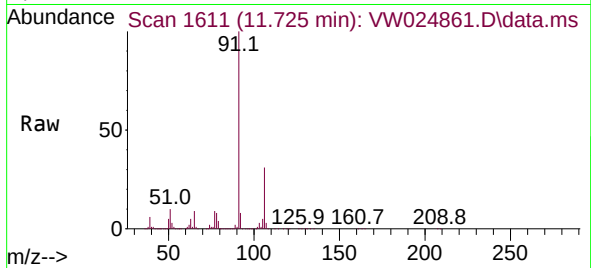




#52
Ethylbenzene
Concen: 24.890 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

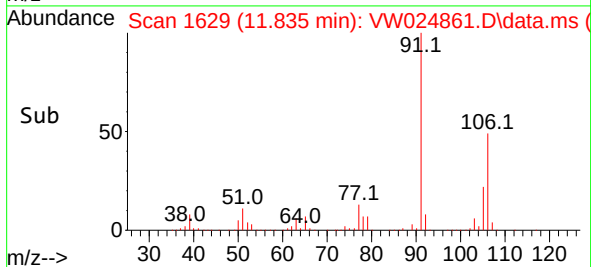
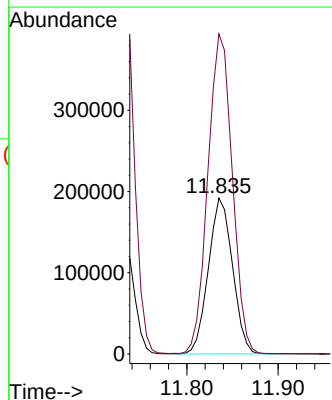
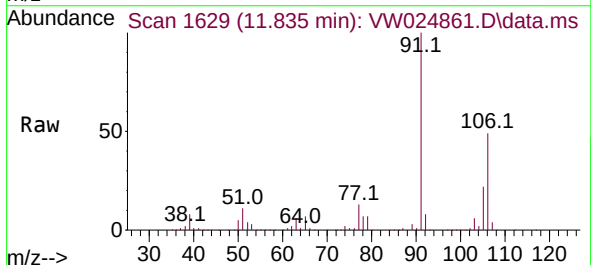
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

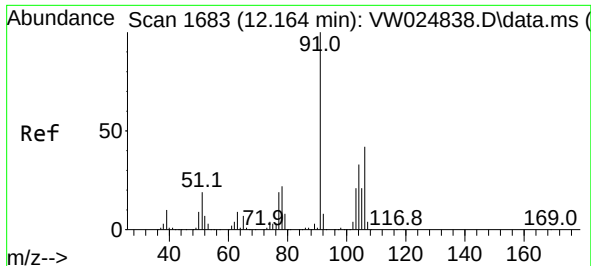
Tgt Ion: 91 Resp: 930943
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9



#53
m,p-Xylene
Concen: 24.131 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion:106 Resp: 352445
Ion Ratio Lower Upper
106 100
91 205.3 146.8 272.6

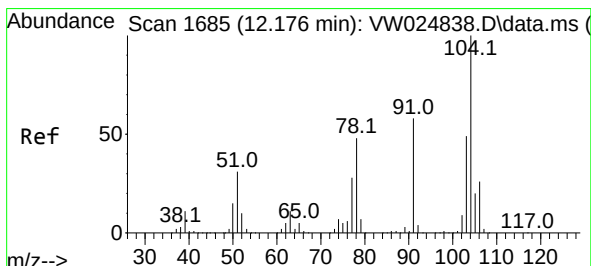
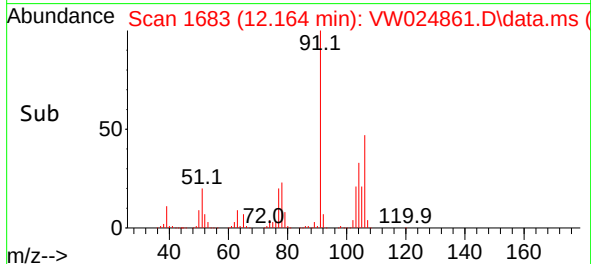
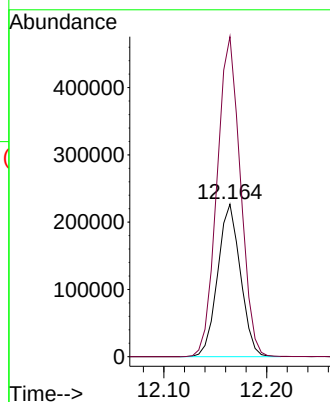
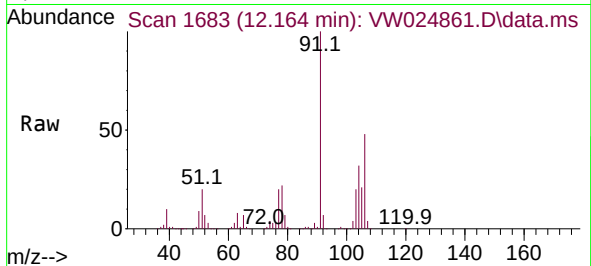




#54
o-Xylene
Concen: 25.245 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

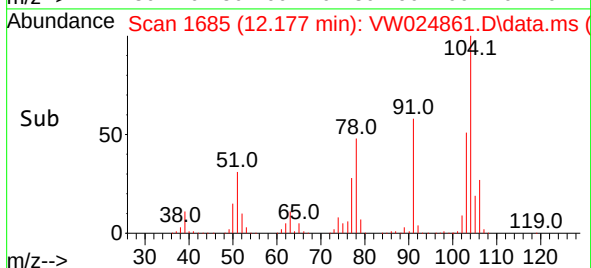
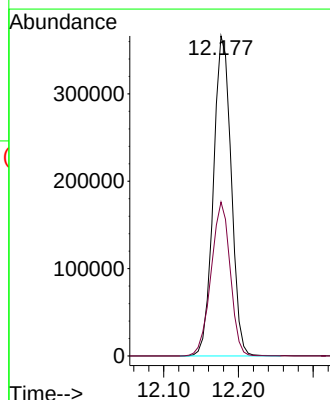
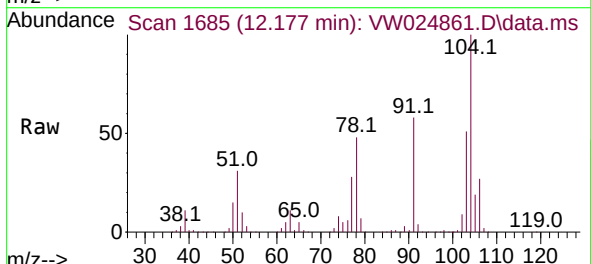
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

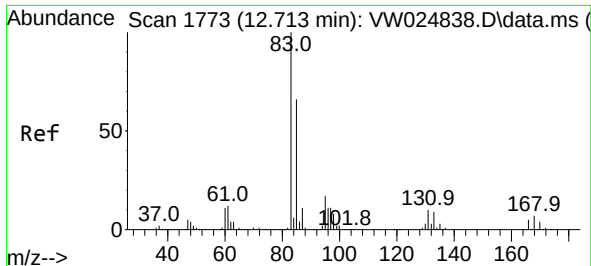
Tgt Ion:106 Resp: 348190
Ion Ratio Lower Upper
106 100
91 209.9 146.3 271.7



#55
Styrene
Concen: 26.099 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion:104 Resp: 606816
Ion Ratio Lower Upper
104 100
78 48.1 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 27.809 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

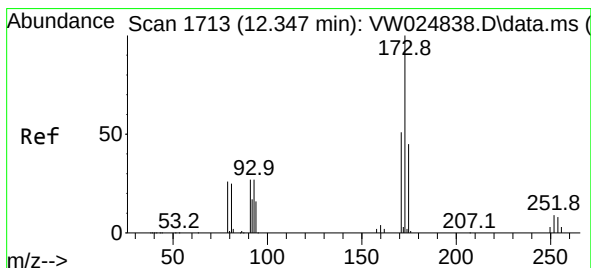
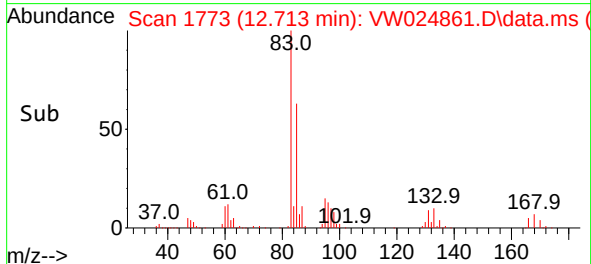
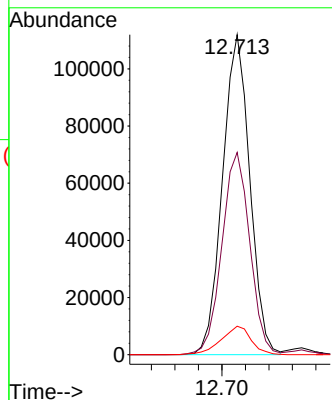
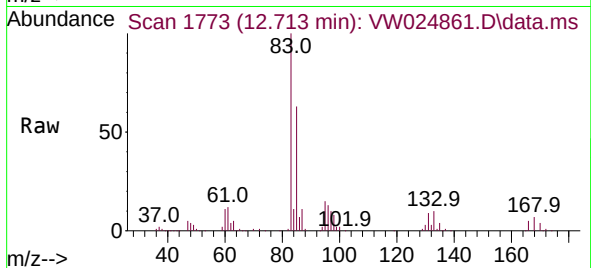
Tgt Ion: 83 Resp: 180547

Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0

131 8.9 7.3 10.9



#59

Bromoform

Concen: 25.632 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

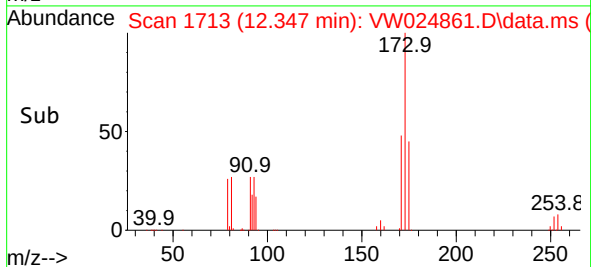
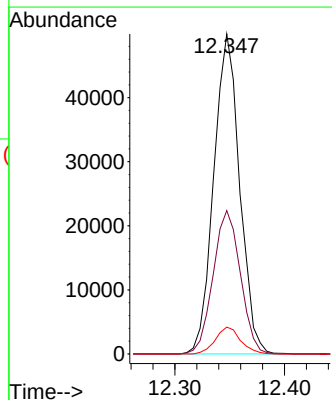
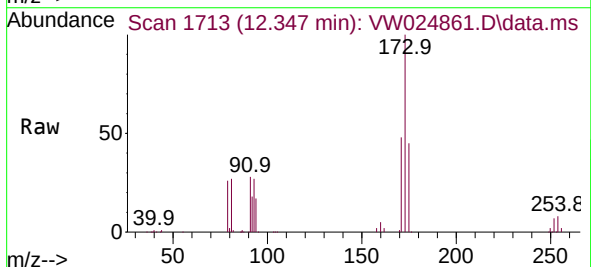
Tgt Ion: 173 Resp: 81936

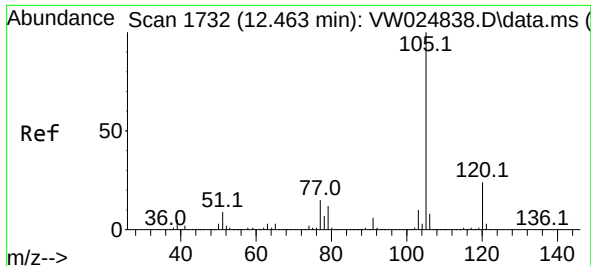
Ion Ratio Lower Upper

173 100

175 47.2 37.7 56.5

254 8.2 6.7 10.1

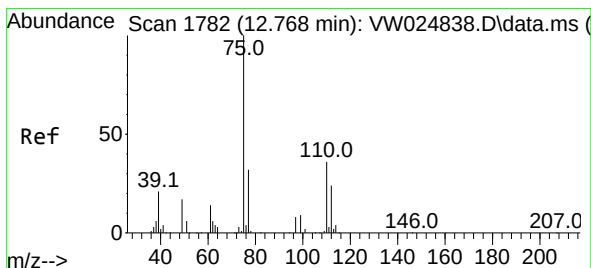
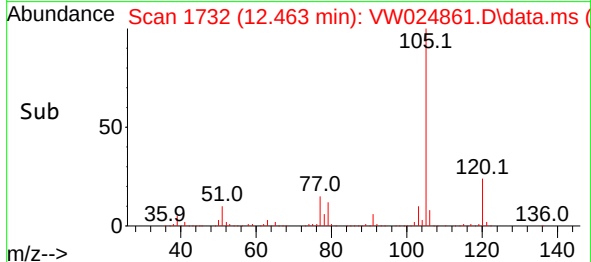
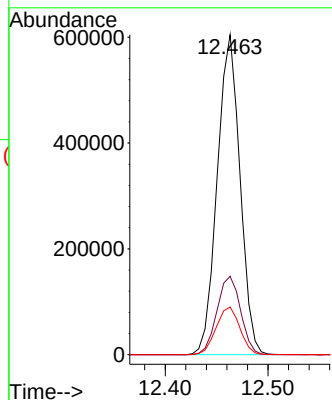
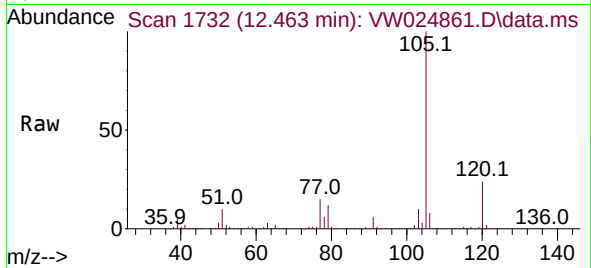




#60
Isopropylbenzene
Concen: 25.212 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

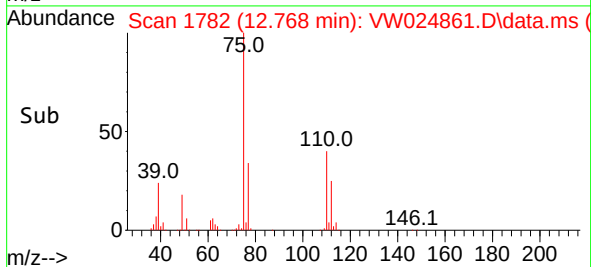
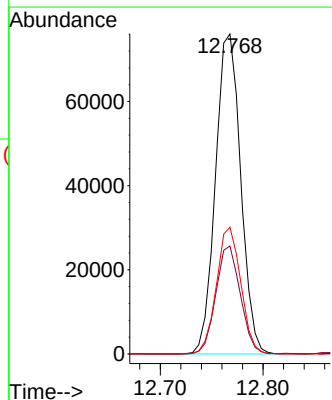
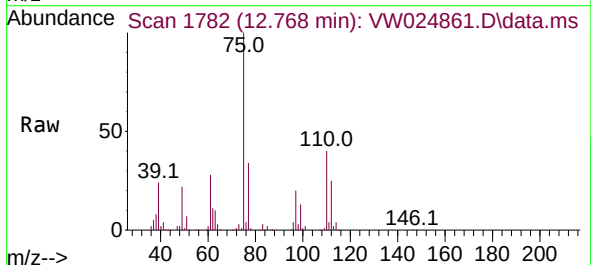
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

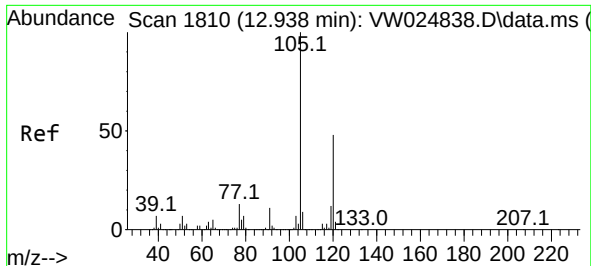
Tgt Ion:105 Resp: 929263
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3
77 15.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 26.582 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion: 75 Resp: 129490
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.6
110 38.2 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 25.128 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

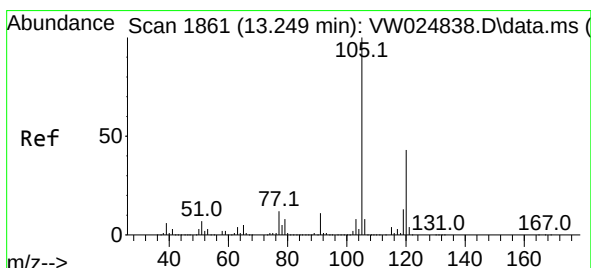
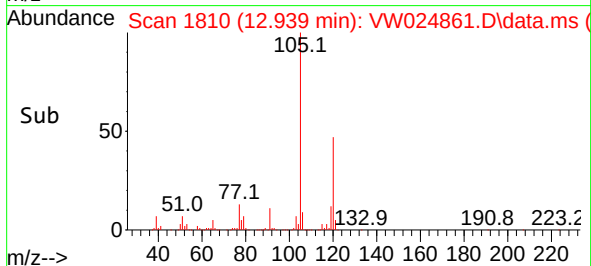
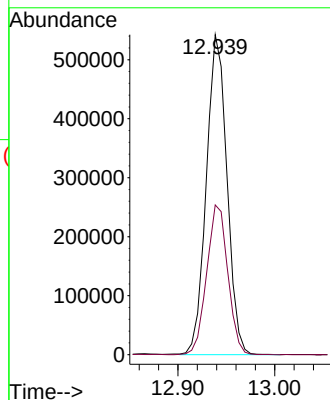
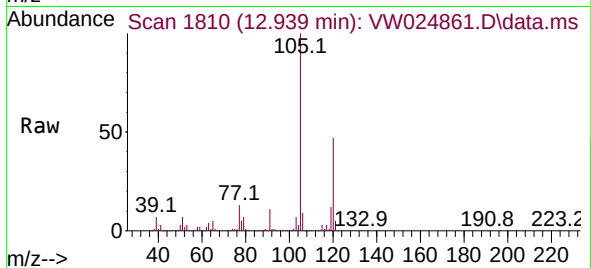
VSTD025594

Tgt Ion:105 Resp: 804978

Ion Ratio Lower Upper

105 100

120 47.9 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 25.491 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW024861.D

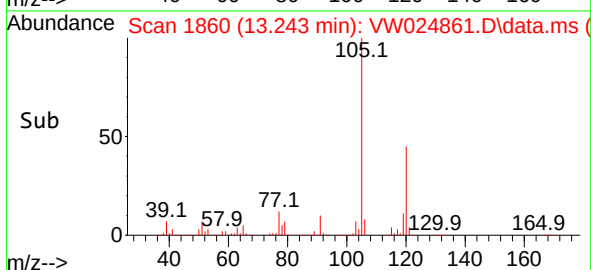
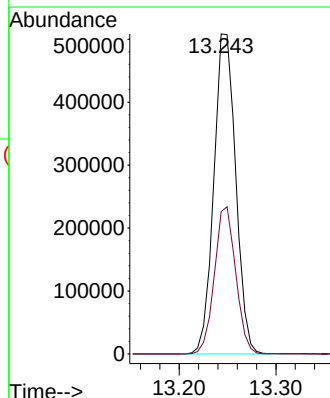
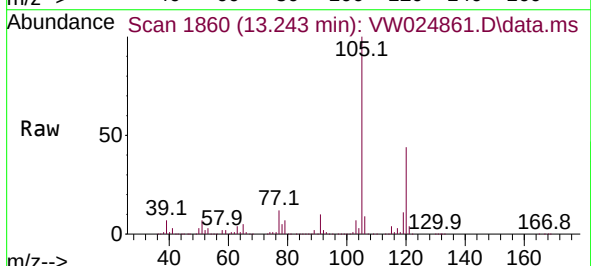
Acq: 11 Oct 2022 19:17

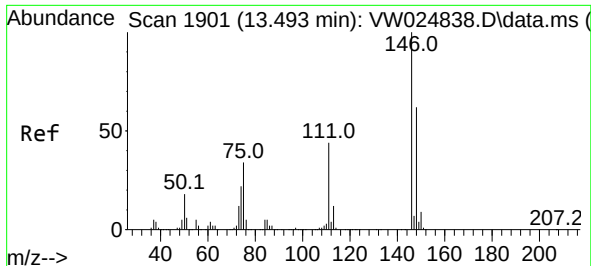
Tgt Ion:105 Resp: 799982

Ion Ratio Lower Upper

105 100

120 44.6 35.2 52.8

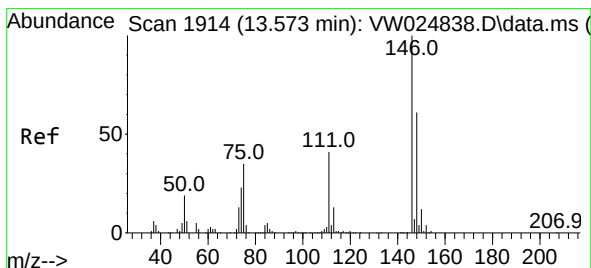
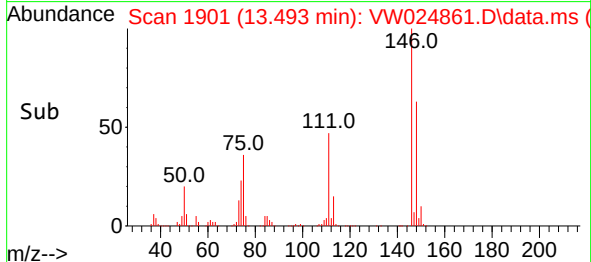
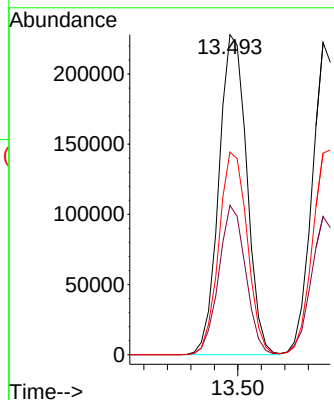
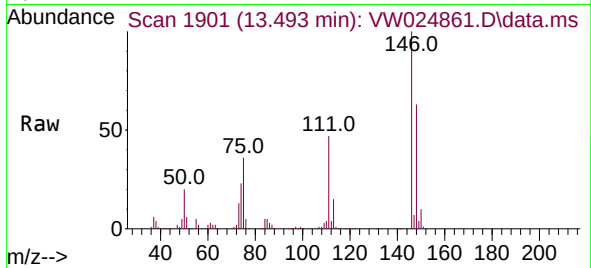




#64
1,3-Dichlorobenzene
Concen: 25.097 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

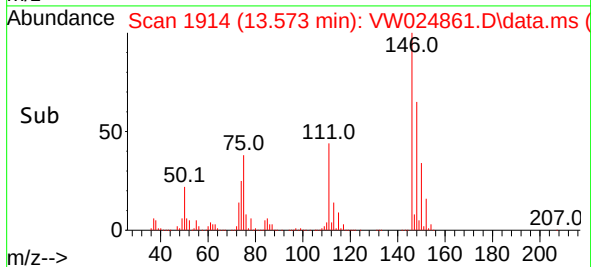
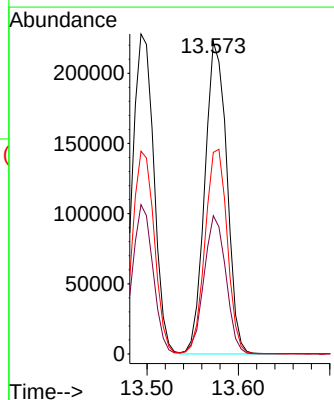
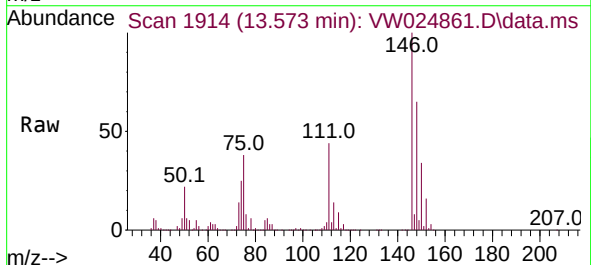
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

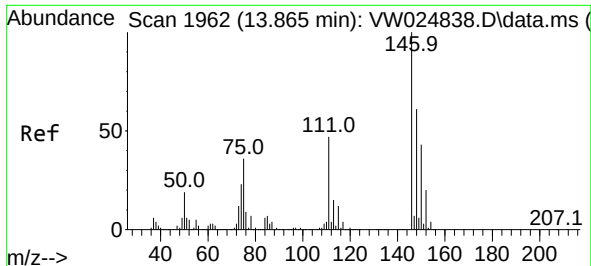
Tgt Ion:146 Resp: 375795
Ion Ratio Lower Upper
146 100
111 46.7 31.6 58.6
148 63.3 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 25.537 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion:146 Resp: 372246
Ion Ratio Lower Upper
146 100
111 44.3 29.4 54.6
148 64.6 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 26.396 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

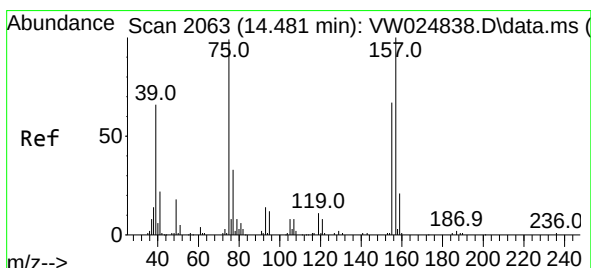
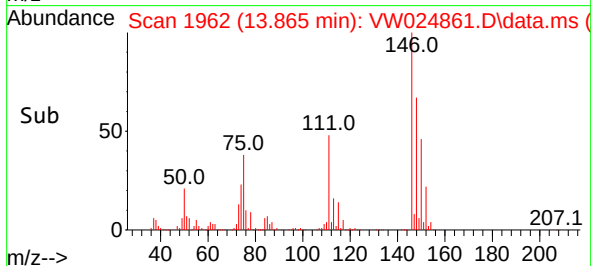
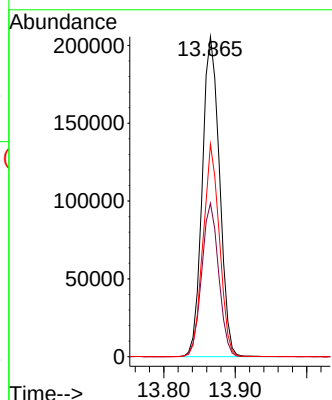
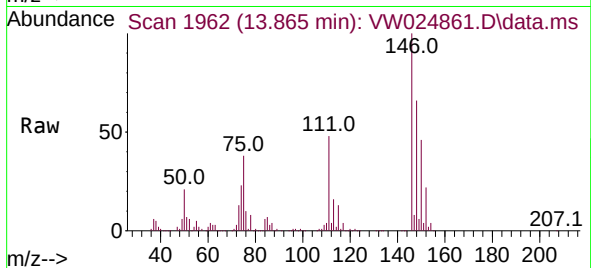
Tgt Ion:146 Resp: 344272

Ion Ratio Lower Upper

146 100

111 48.0 37.2 55.8

148 66.4 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.901 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024861.D

Acq: 11 Oct 2022 19:17

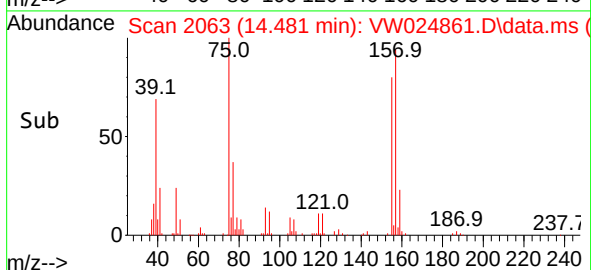
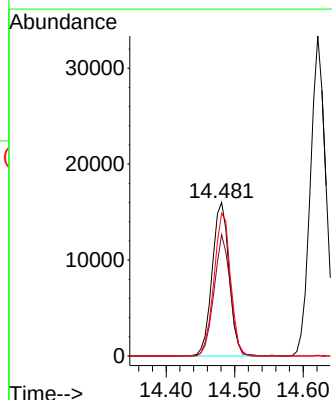
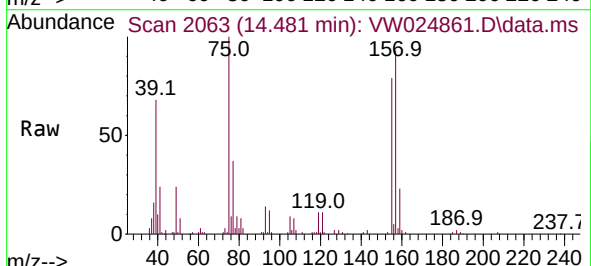
Tgt Ion: 75 Resp: 27533

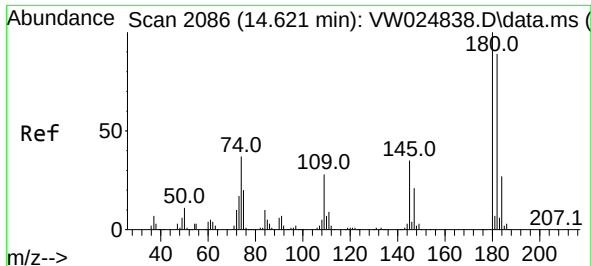
Ion Ratio Lower Upper

75 100

155 79.1 57.6 86.4

157 93.0 73.0 109.6

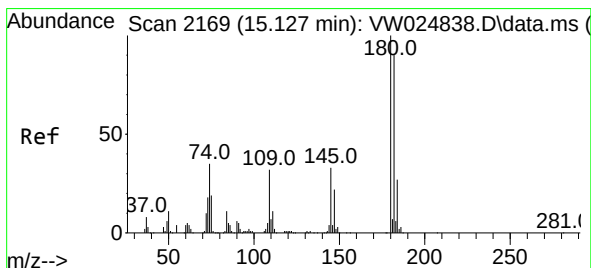
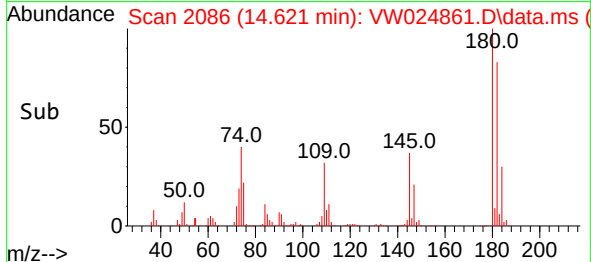
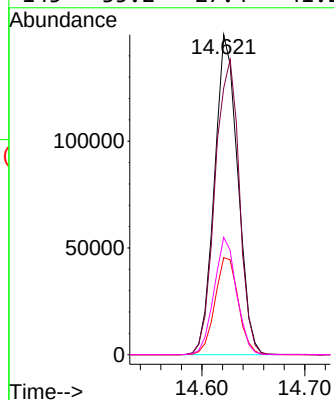
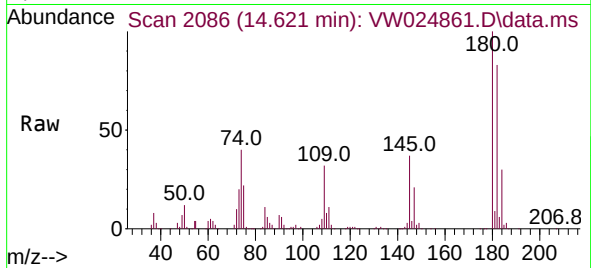




#69
 1,3,5-Trichlorobenzene
 Concen: 23.772 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW024861.D
 Acq: 11 Oct 2022 19:17

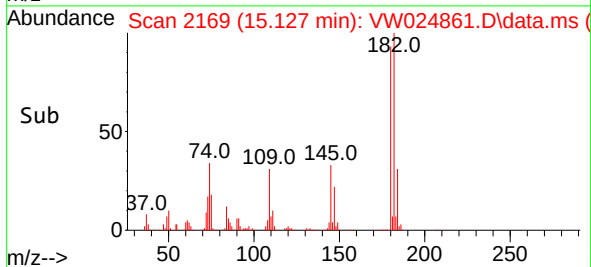
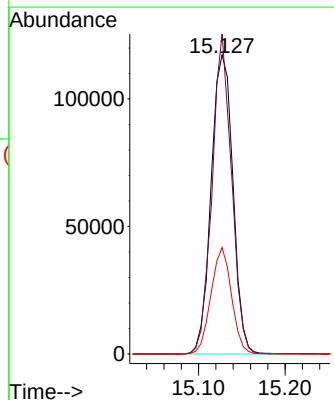
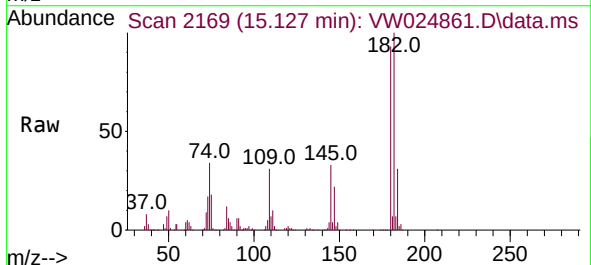
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

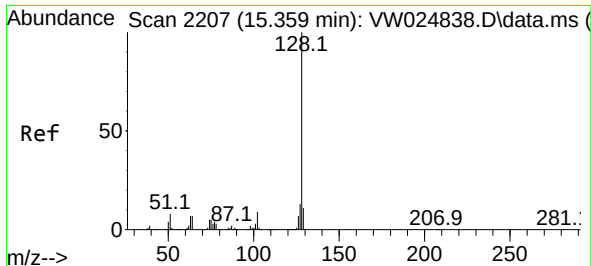
Tgt Ion:	180	Resp:	236352
Ion Ratio	Lower	Upper	
180	100		
182	95.6	77.1	115.7
184	30.3	23.3	34.9
145	35.2	27.4	41.2



#70
 1,2,4-trichlorobenzene
 Concen: 24.529 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024861.D
 Acq: 11 Oct 2022 19:17

Tgt Ion:	180	Resp:	204882
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.8	115.2
145	33.5	29.0	43.4

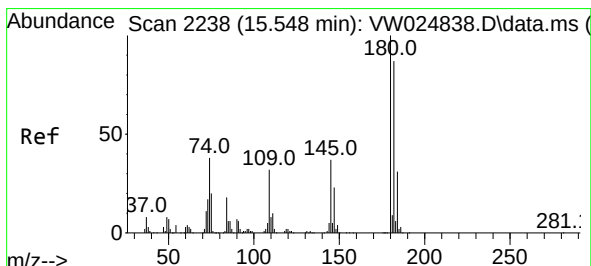
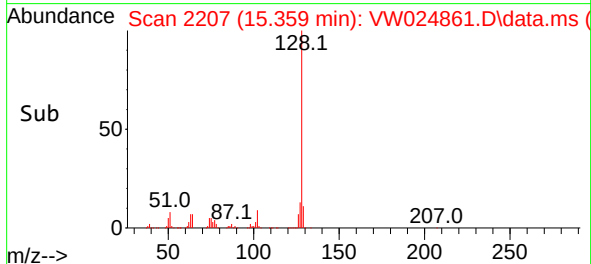
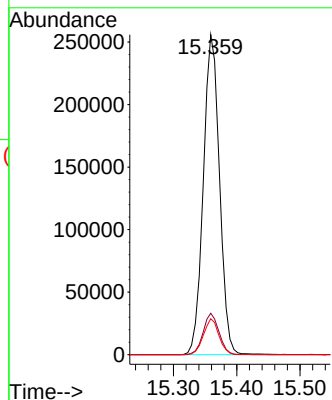
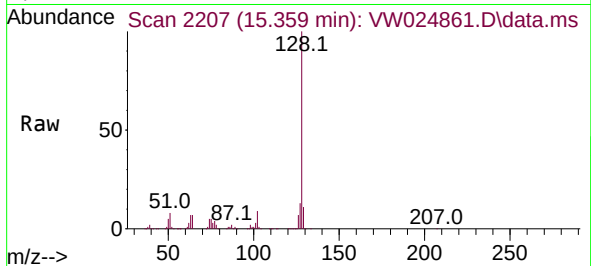




#71
Naphthalene
Concen: 25.134 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

Tgt Ion:128 Resp: 457103
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.7 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 23.933 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024861.D
Acq: 11 Oct 2022 19:17

Tgt Ion:180 Resp: 170130
Ion Ratio Lower Upper
180 100
182 93.9 77.4 116.2
145 36.5 30.6 45.8

