

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023407.D
 Acq On : 07 Jun 2022 09:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Jun 08 01:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 07 01:56:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	387018	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	369665	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	197049	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137299	22.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.680%
7) Chloroethane-d5	2.892	69	100087	23.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.880%
11) 1,1-Dichloroethene-d2	4.025	63	216530	24.069	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.280%
21) 2-Butanone-d5	7.080	46	56834	49.192	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.380%
24) Chloroform-d	7.647	84	247598	23.726	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	8.305	65	131567	24.000	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	8.275	84	472867	23.044	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.160%
36) 1,2-Dichloropropane-d6	9.275	67	137051	23.829	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	10.323	98	459671	23.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	10.579	79	59268	23.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.400%
47) 2-Hexanone-d5	10.927	63	45115	52.403	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	124995	25.400	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	165562	23.213	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	24674	19.368	ug/L	93
3) Chloromethane	2.221	50	105260	23.434	ug/L	100
5) Vinyl chloride	2.361	62	167712	24.379	ug/L	98
6) Bromomethane	2.782	94	85469	22.603	ug/L	97
8) Chloroethane	2.922	64	84431	25.072	ug/L	94
9) Trichlorofluoromethane	3.257	101	89184	23.629	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	118143	23.823	ug/L	97
12) 1,1-Dichloroethene	4.038	96	105871	23.926	ug/L	94
13) Acetone	4.117	43	39564	45.656	ug/L	99
14) Carbon disulfide	4.379	76	327632	23.102	ug/L	99
15) Methyl Acetate	4.672	43	44938	23.611	ug/L	96
16) Methylene chloride	4.916	84	119436	21.424	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	120227	22.801	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	186685	24.432	ug/L	99
19) 1,1-Dichloroethane	6.214	63	211290	23.961	ug/L	93
20) cis-1,2-Dichloroethene	7.171	96	130635	23.687	ug/L #	96
22) 2-Butanone	7.165	43	63653	50.475	ug/L	99
23) Bromochloromethane	7.513	128	59860	23.139	ug/L	97
25) Chloroform	7.677	83	235475	24.113	ug/L	95

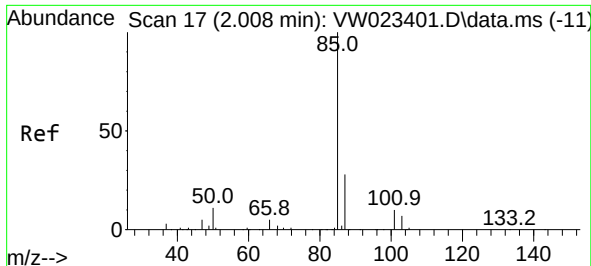
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 Quant Title : SFAM01.0
 QLast Update : Tue Jun 07 01:56:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	153145	24.909	ug/L	98
29) Cyclohexane	7.958	56	189686	24.015	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	206578	23.489	ug/L	99
31) Carbon tetrachloride	8.067	117	191924	23.655	ug/L	99
33) Benzene	8.323	78	516604	23.813	ug/L	100
34) Trichloroethene	9.092	95	136428	22.989	ug/L	96
35) Methylcyclohexane	9.335	83	234842	24.109	ug/L	98
37) 1,2-Dichloropropane	9.366	63	120741	23.750	ug/L	99
38) Bromodichloromethane	9.646	83	176092	24.689	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	193837	24.338	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	142816	51.668	ug/L	99
42) Toluene	10.390	91	588164	24.044	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	173386	24.944	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	98953	24.245	ug/L	99
46) Tetrachloroethene	10.866	164	105649	22.504	ug/L	86
48) 2-Hexanone	10.969	43	97924	54.783	ug/L	98
49) Dibromochloromethane	11.128	129	121800	24.674	ug/L	98
50) 1,2-Dibromoethane	11.238	107	97571	24.404	ug/L	96
51) Chlorobenzene	11.658	112	374641	23.401	ug/L	95
52) Ethylbenzene	11.731	91	665786	24.702	ug/L	99
53) m,p-Xylene	11.835	106	259898	24.914	ug/L	96
54) o-Xylene	12.164	106	247517	24.768	ug/L	90
55) Styrene	12.183	104	428872	24.939	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	121266	24.777	ug/L #	91
59) Bromoform	12.347	173	65137	23.854	ug/L	99
60) Isopropylbenzene	12.463	105	698974	24.787	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87093	24.436	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	565485	24.229	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	573544	24.829	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	298557	23.334	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	299527	22.889	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	268779	23.156	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18045	23.842	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	199613	23.594	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	150112	22.906	ug/L	98
71) Naphthalene	15.365	128	309886	25.479	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	131483	23.074	ug/L	96

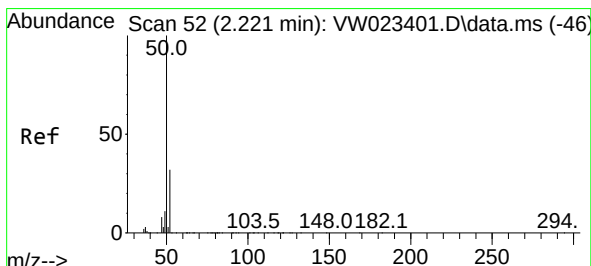
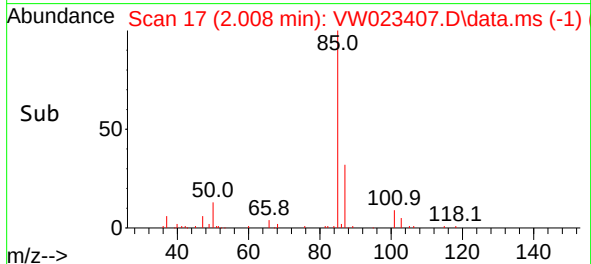
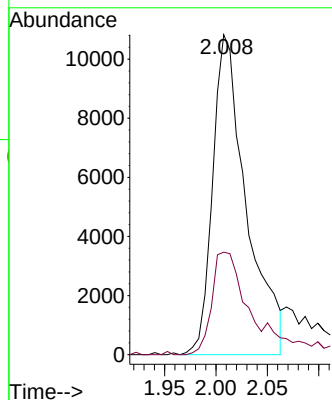
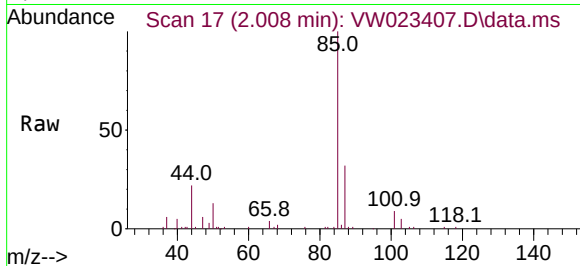
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 19.368 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023407.D
 Acq: 07 Jun 2022 09:00

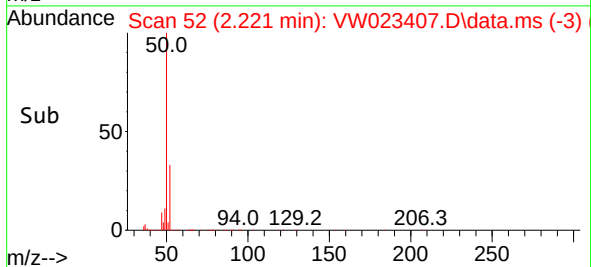
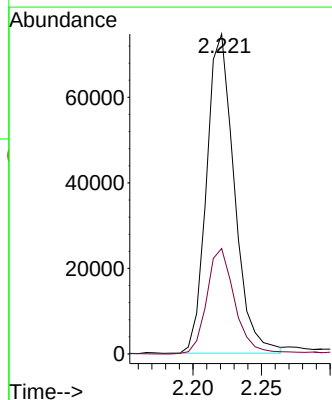
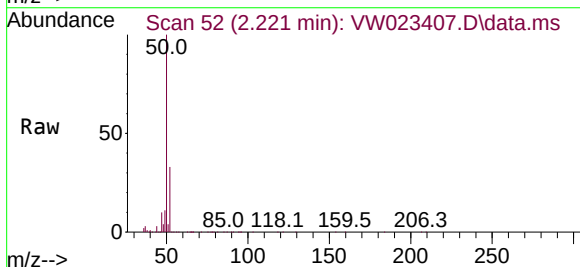
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

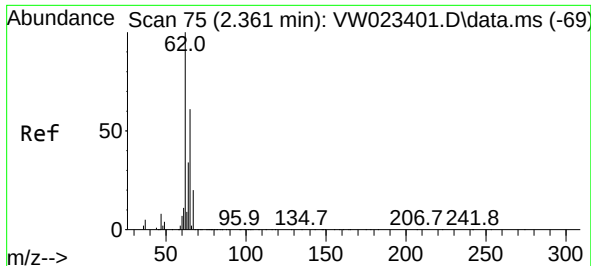
Tgt Ion: 85 Resp: 24674
 Ion Ratio Lower Upper
 85 100
 87 30.7 27.8 41.8



#3
 Chloromethane
 Concen: 23.434 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW023407.D
 Acq: 07 Jun 2022 09:00

Tgt Ion: 50 Resp: 105260
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

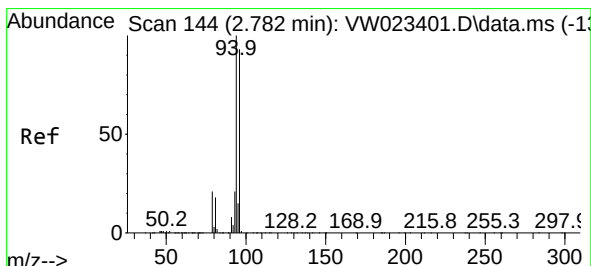
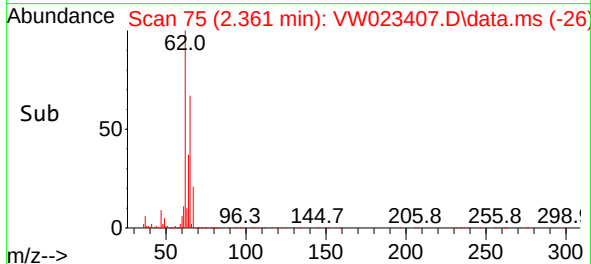
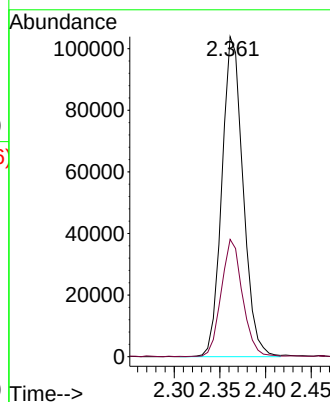
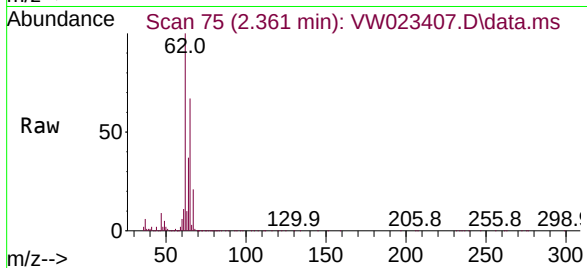




#5
 Vinyl chloride
 Concen: 24.379 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023407.D
 Acq: 07 Jun 2022 09:00

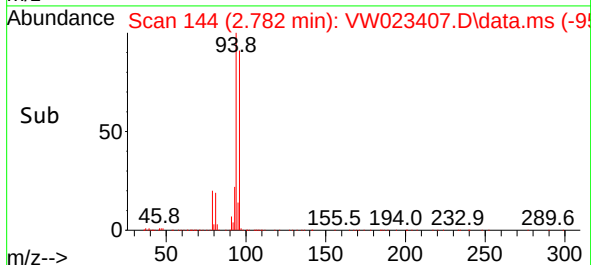
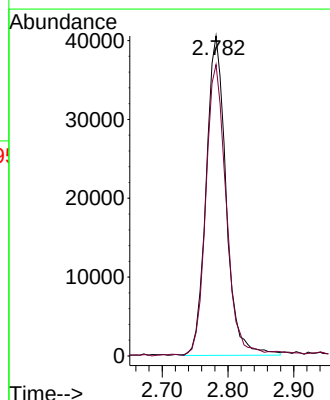
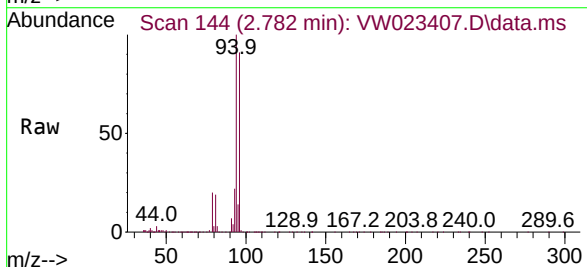
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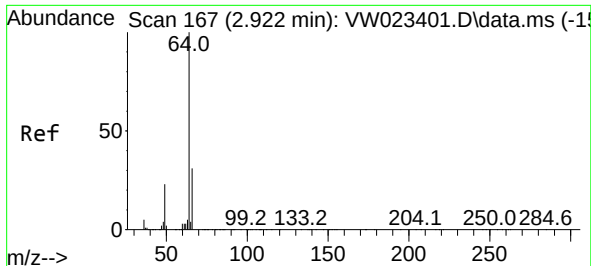
Tgt Ion: 62 Resp: 167712
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.9 46.3



#6
 Bromomethane
 Concen: 22.603 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW023407.D
 Acq: 07 Jun 2022 09:00

Tgt Ion: 94 Resp: 85469
 Ion Ratio Lower Upper
 94 100
 96 91.1 61.7 114.5

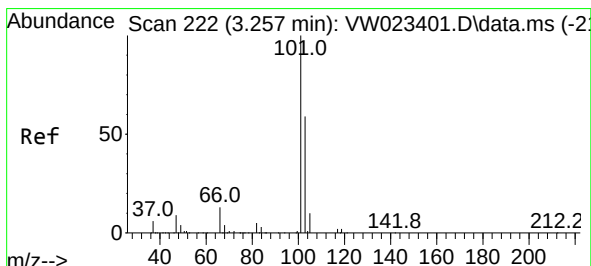
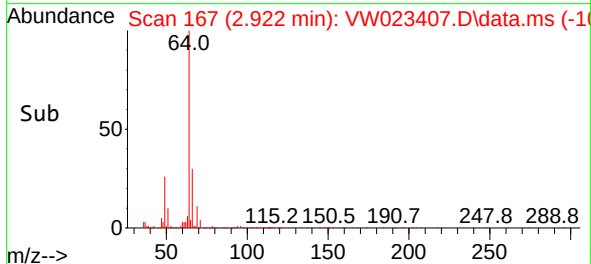
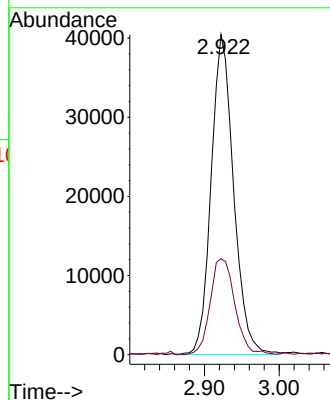
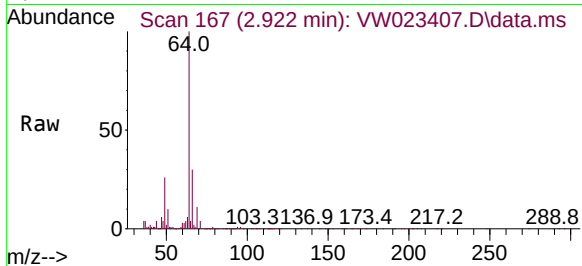




#8
Chloroethane
Concen: 25.072 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

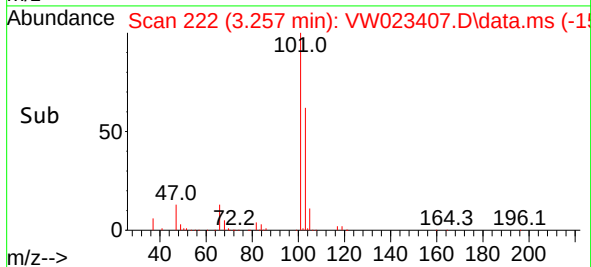
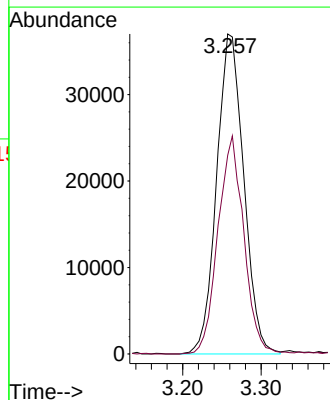
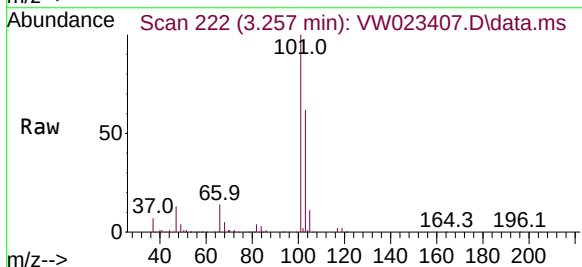
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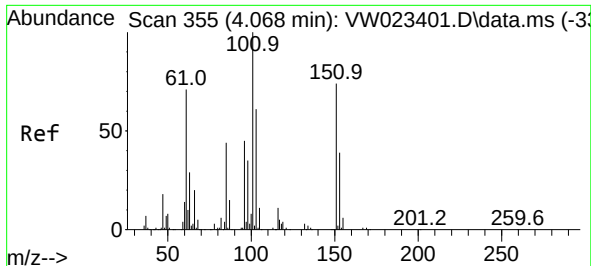
Tgt Ion: 64 Resp: 84431
Ion Ratio Lower Upper
64 100
66 30.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.629 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 101 Resp: 89184
Ion Ratio Lower Upper
101 100
103 65.0 53.9 80.9

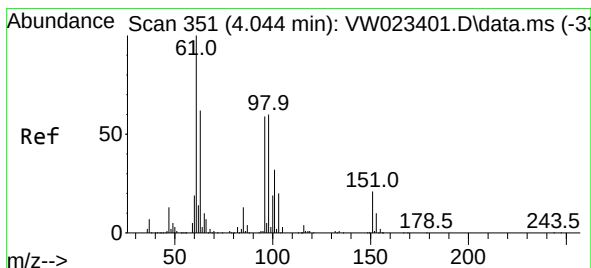
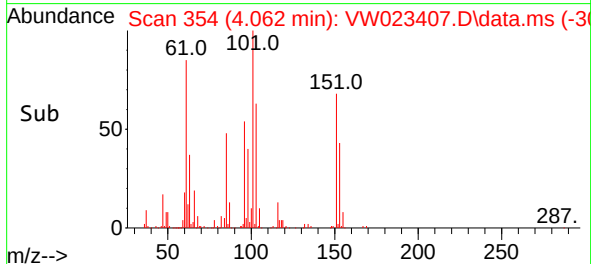
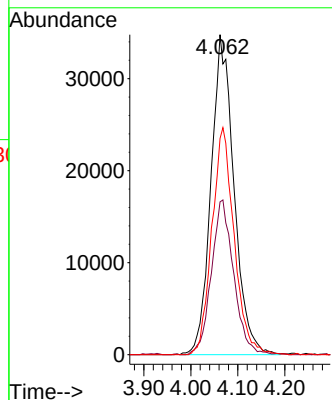
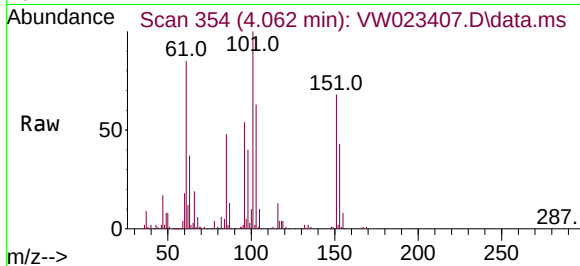




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.823 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023407.D
 Acq: 07 Jun 2022 09:00

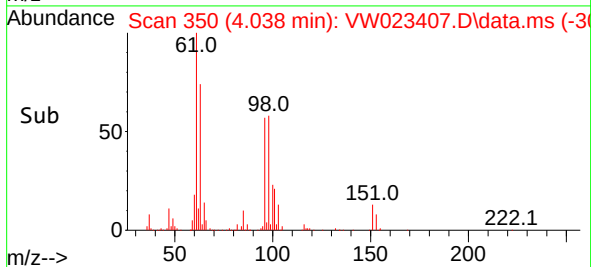
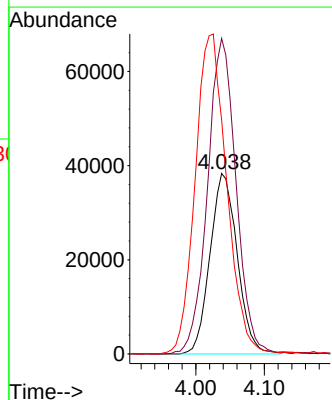
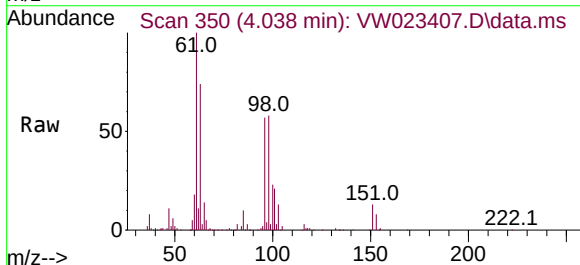
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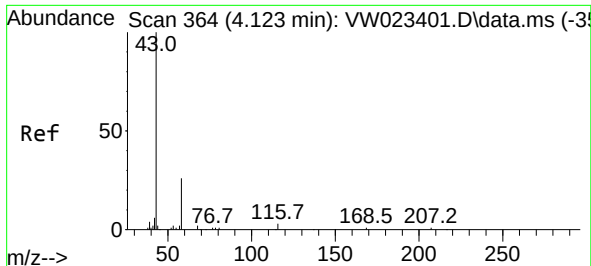
Tgt Ion:101 Resp: 118143
 Ion Ratio Lower Upper
 101 100
 85 46.3 34.3 51.5
 151 68.3 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.926 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023407.D
 Acq: 07 Jun 2022 09:00

Tgt Ion: 96 Resp: 105871
 Ion Ratio Lower Upper
 96 100
 61 174.8 125.7 233.5
 63 129.7 83.4 155.0





#13

Acetone

Concen: 45.656 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

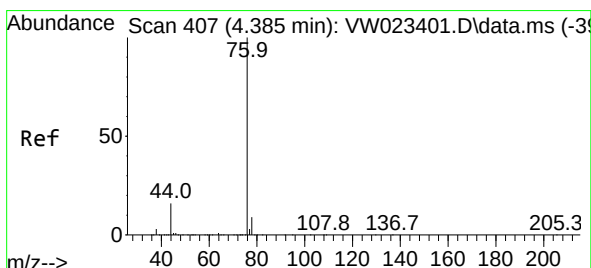
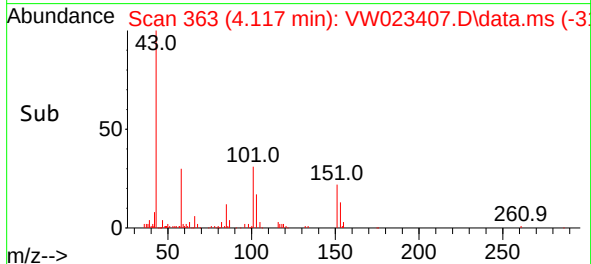
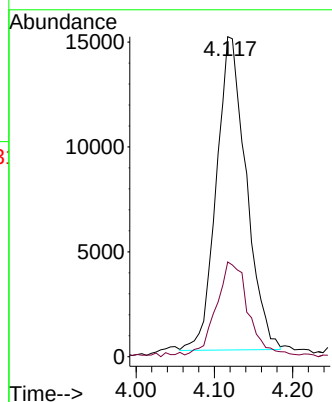
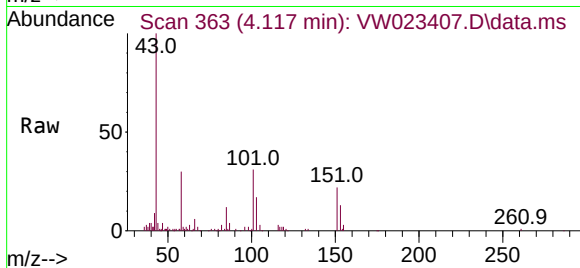
VSTD025564

Tgt Ion: 43 Resp: 39564

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.0



#14

Carbon disulfide

Concen: 23.102 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW023407.D

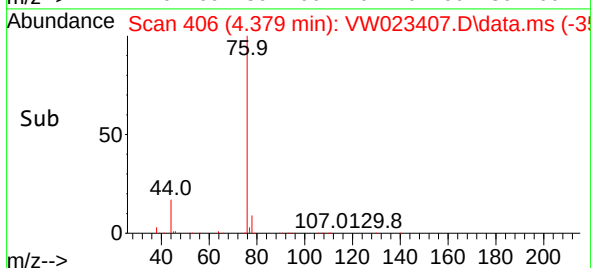
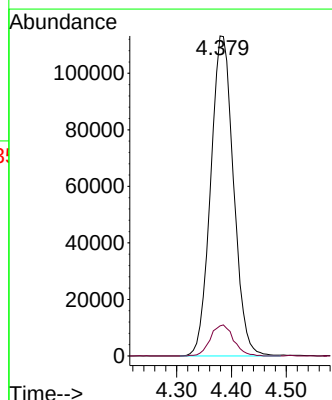
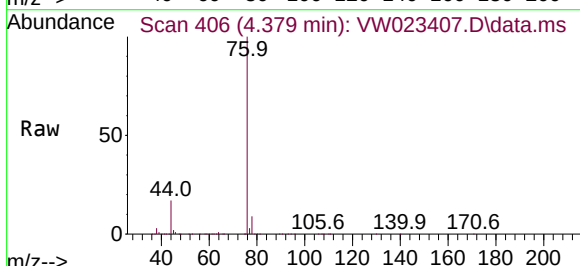
Acq: 07 Jun 2022 09:00

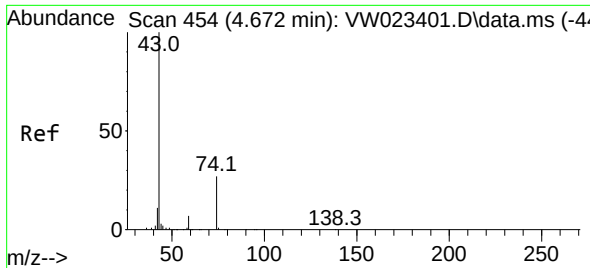
Tgt Ion: 76 Resp: 327632

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

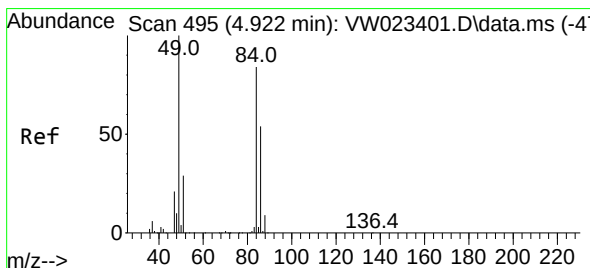
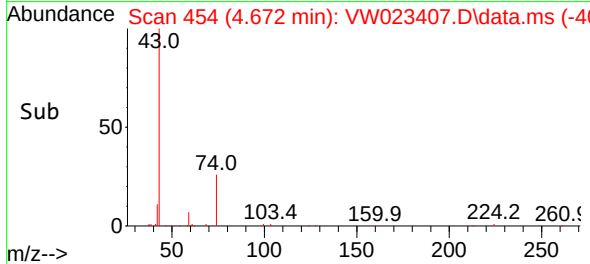
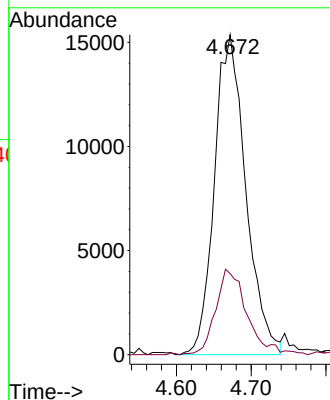
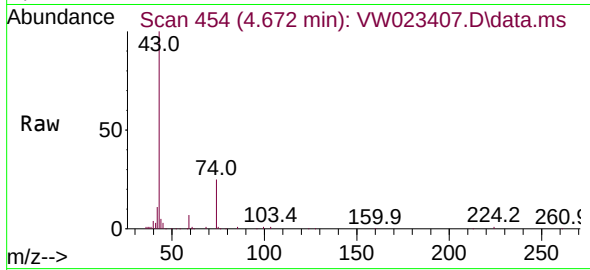




#15
Methyl Acetate
Concen: 23.611 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

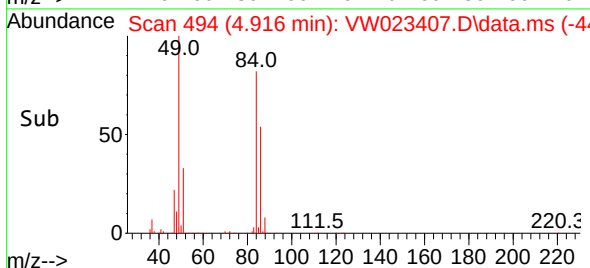
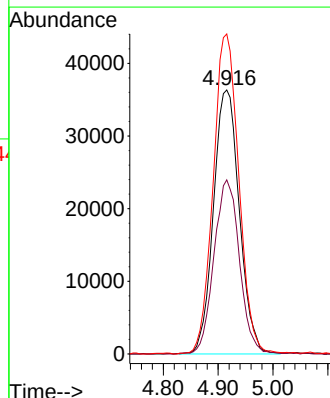
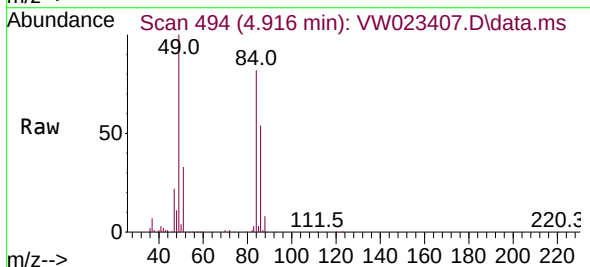
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

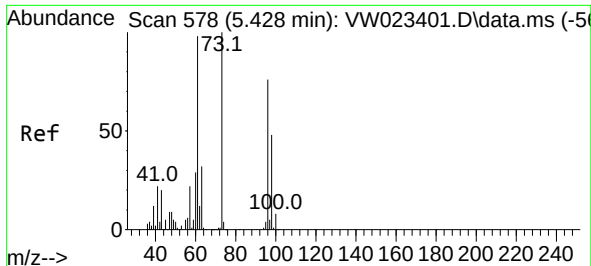
Tgt Ion: 43 Resp: 44938
Ion Ratio Lower Upper
43 100
74 25.2 21.9 32.9



#16
Methylene chloride
Concen: 21.424 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 84 Resp: 119436
Ion Ratio Lower Upper
84 100
86 66.0 45.4 84.4
49 121.2 82.5 153.1

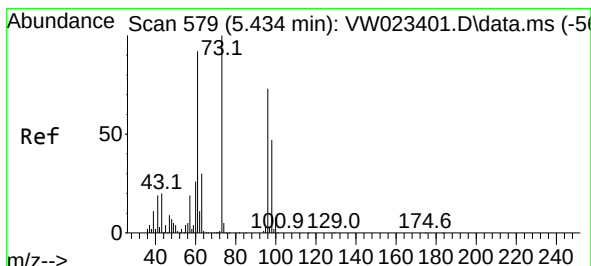
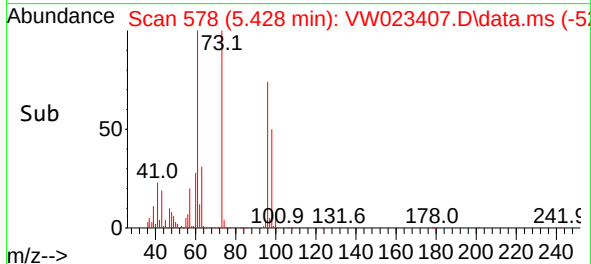
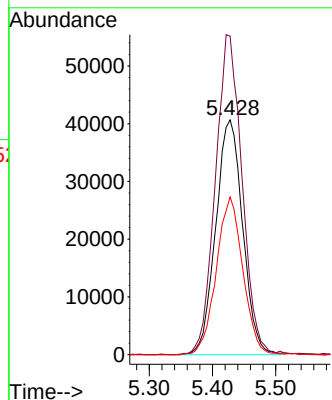
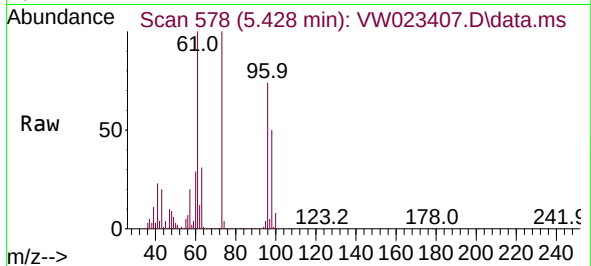




#17
trans-1,2-Dichloroethene
Concen: 22.801 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

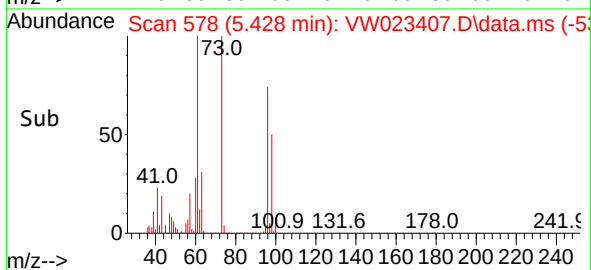
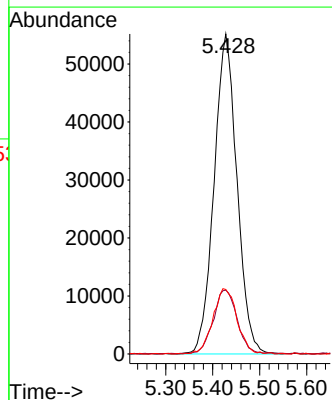
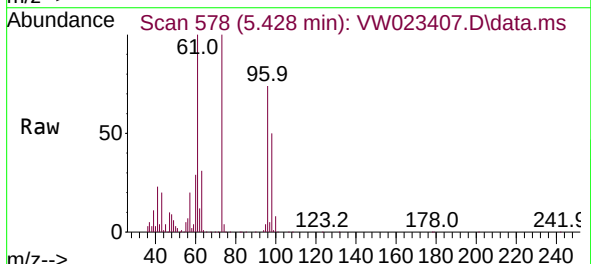
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

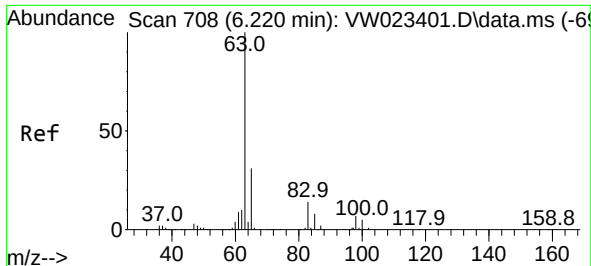
Tgt Ion: 96 Resp: 120227
Ion Ratio Lower Upper
96 100
61 135.6 92.2 171.2
98 67.1 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 24.432 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 73 Resp: 186685
Ion Ratio Lower Upper
73 100
43 20.3 15.9 23.9
57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.961 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

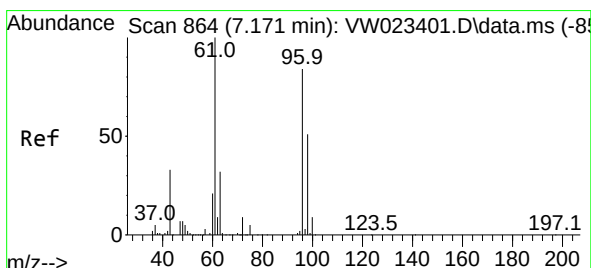
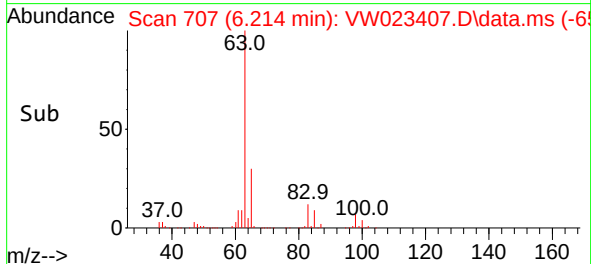
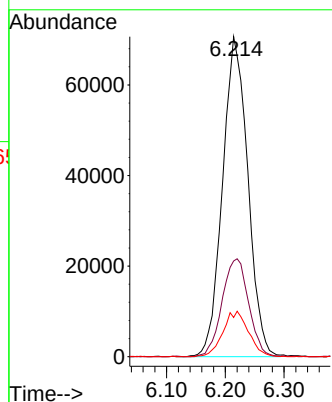
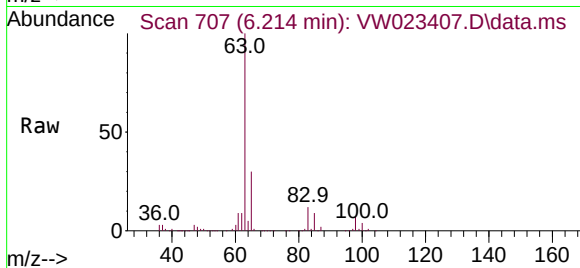
Tgt Ion: 63 Resp: 211290

Ion Ratio Lower Upper

63 100

65 29.9 23.3 43.3

83 12.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.687 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

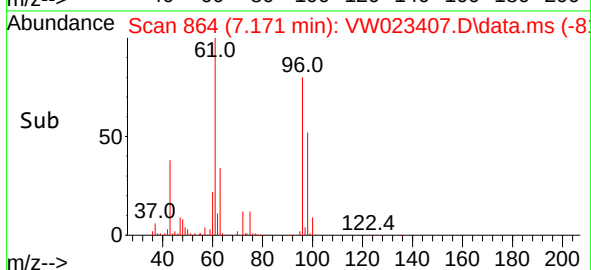
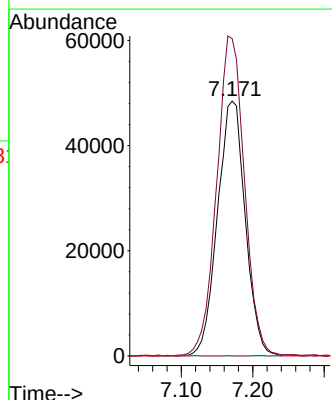
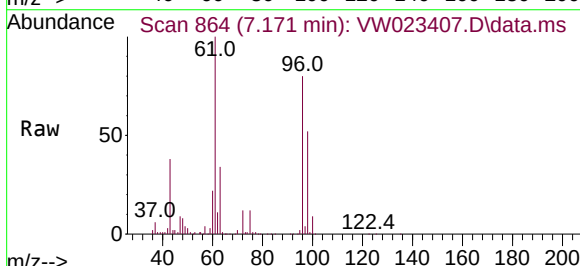
Tgt Ion: 96 Resp: 130635

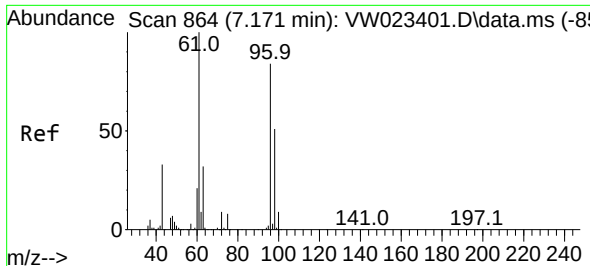
Ion Ratio Lower Upper

96 100

61 124.5 84.2 156.4

68 0.0 0.1 0.1#

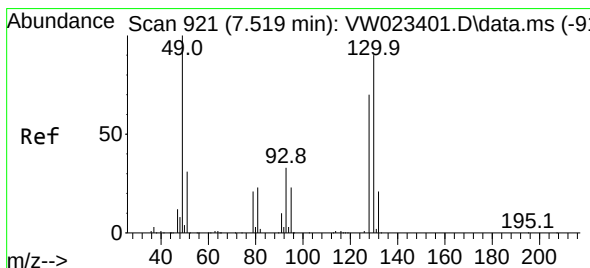
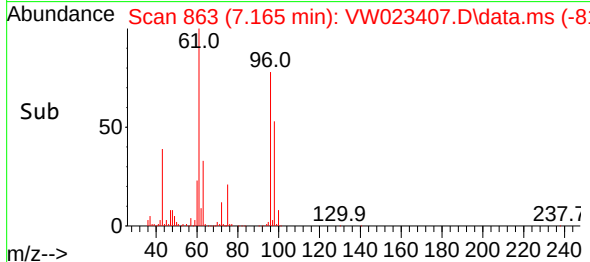
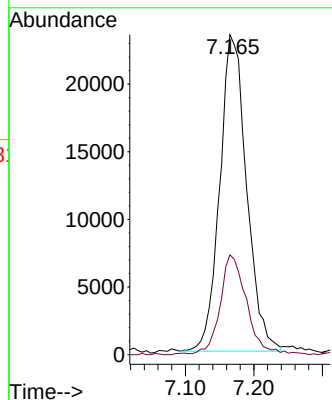
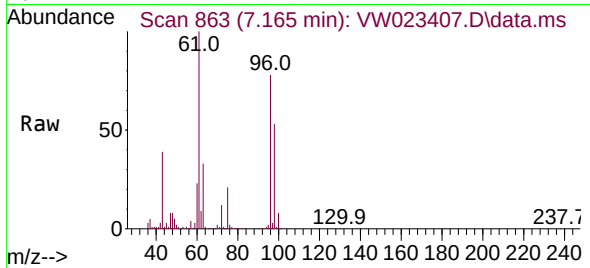




#22
2-Butanone
Concen: 50.475 ug/L
RT: 7.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

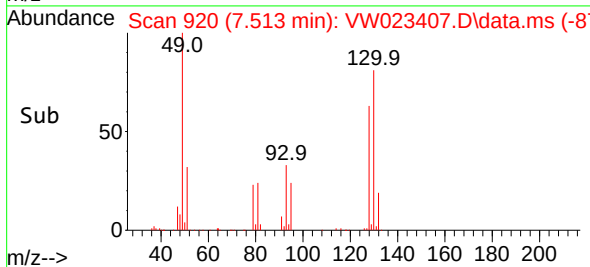
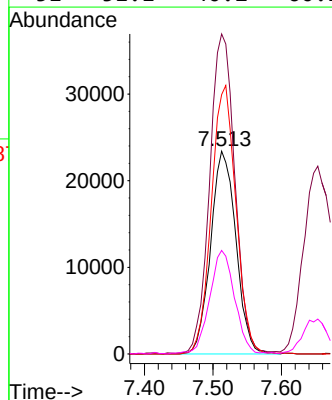
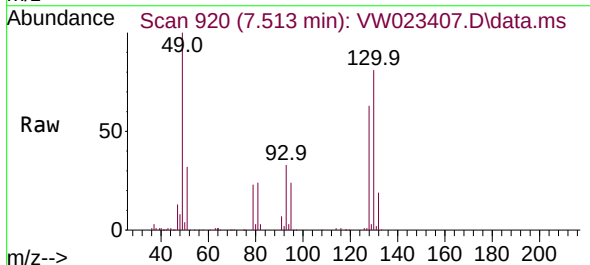
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

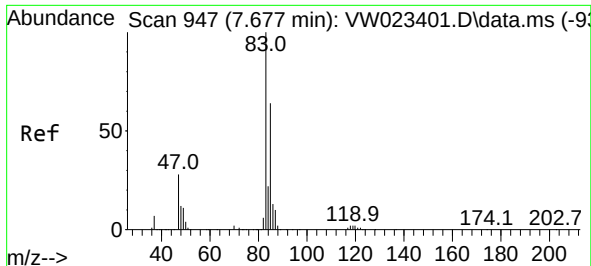
Tgt Ion: 43 Resp: 63653
Ion Ratio Lower Upper
43 100
72 30.9 15.1 45.3



#23
Bromochloromethane
Concen: 23.139 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 128 Resp: 59860
Ion Ratio Lower Upper
128 100
49 157.9 110.0 204.4
130 127.9 94.8 176.0
51 51.1 40.2 60.2

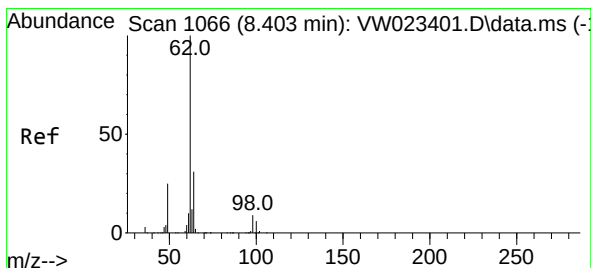
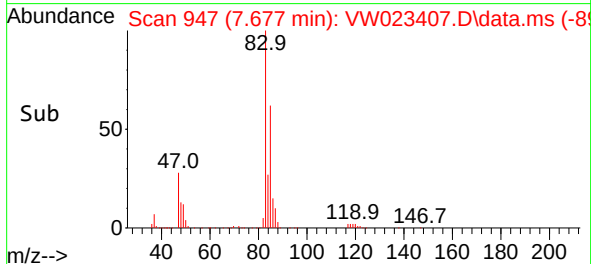
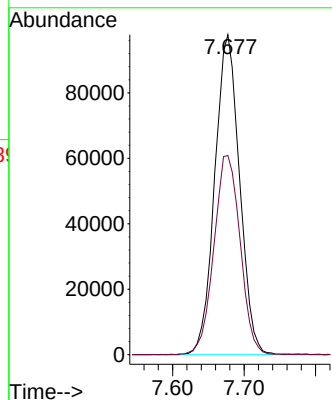
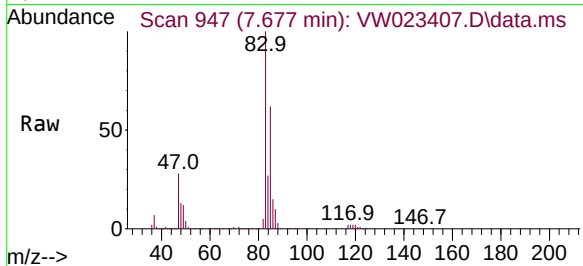




#25
Chloroform
Concen: 24.113 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

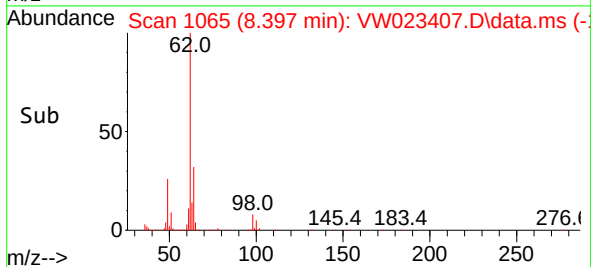
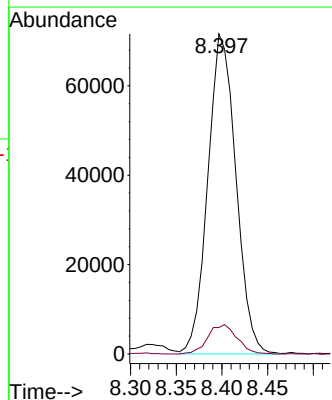
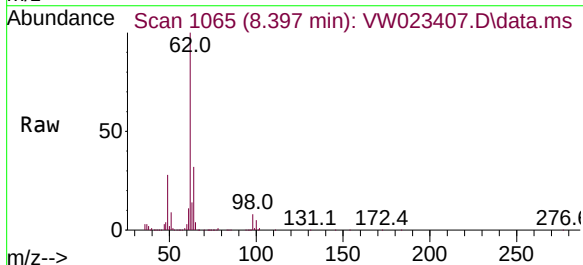
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

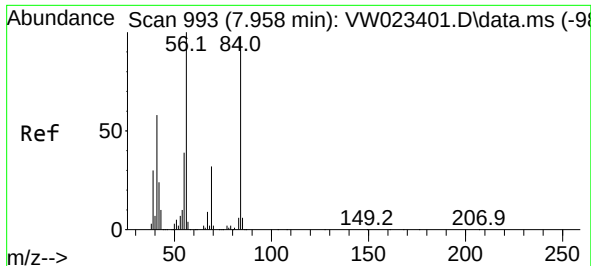
Tgt Ion: 83 Resp: 235475
Ion Ratio Lower Upper
83 100
85 62.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.909 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 62 Resp: 153145
Ion Ratio Lower Upper
62 100
98 8.2 7.2 10.8

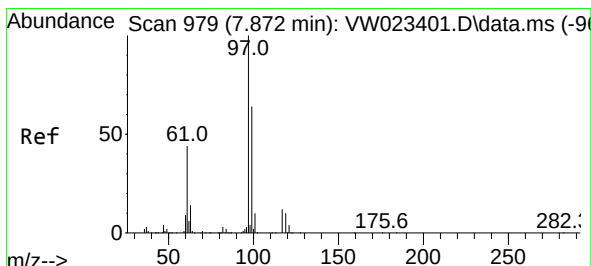
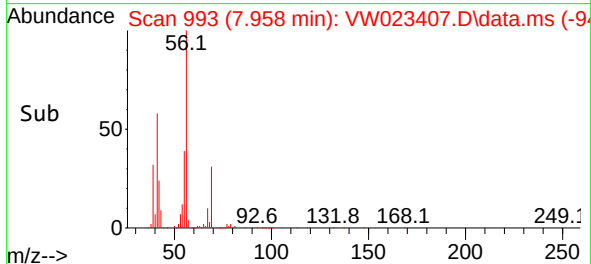
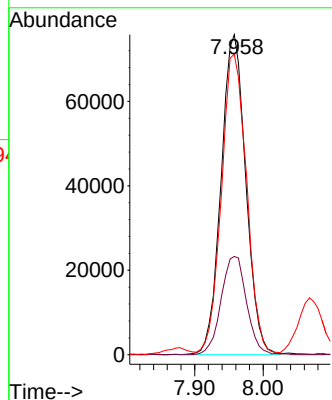
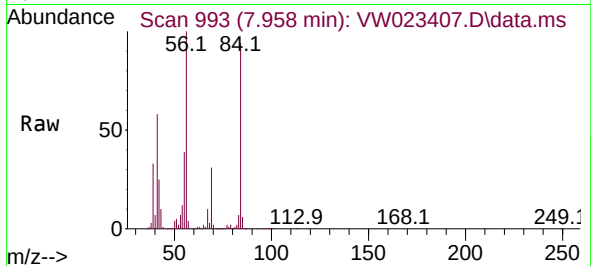




#29
Cyclohexane
Concen: 24.015 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

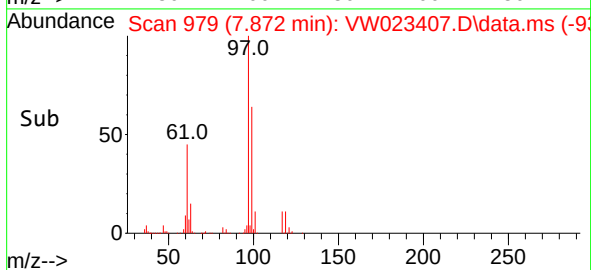
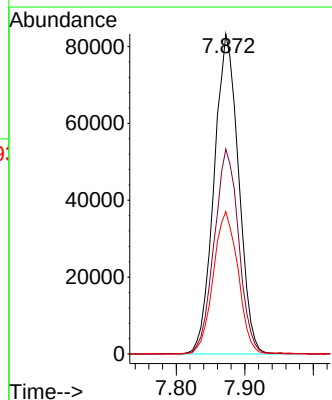
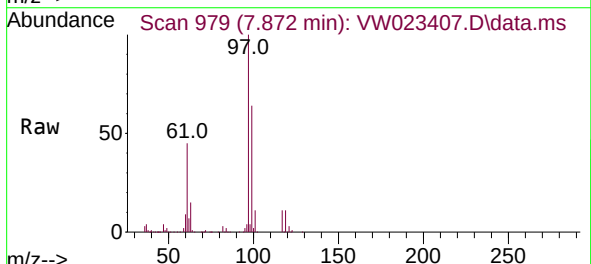
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

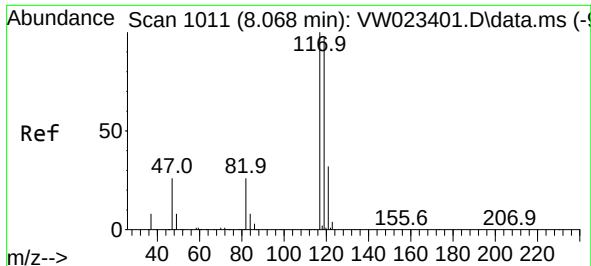
Tgt Ion: 56 Resp: 189686
Ion Ratio Lower Upper
56 100
69 31.5 25.6 38.4
84 96.0 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 23.489 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 97 Resp: 206578
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 45.0 34.8 52.2

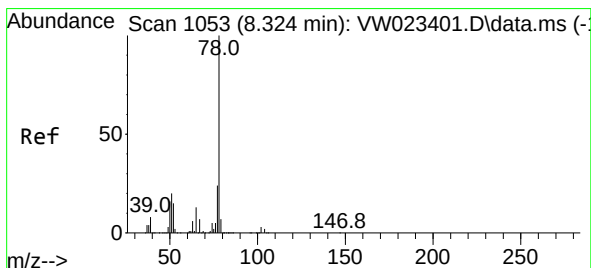
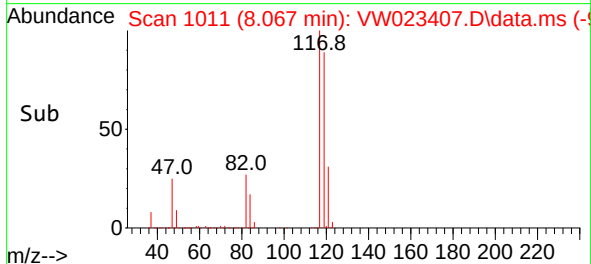
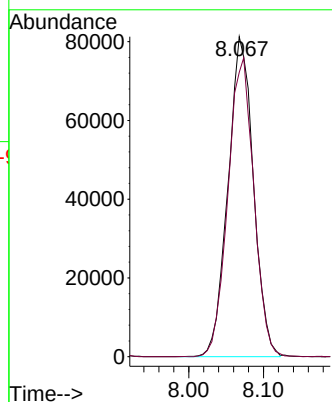
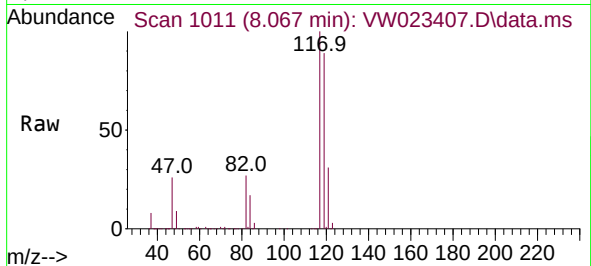




#31
Carbon tetrachloride
Concen: 23.655 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

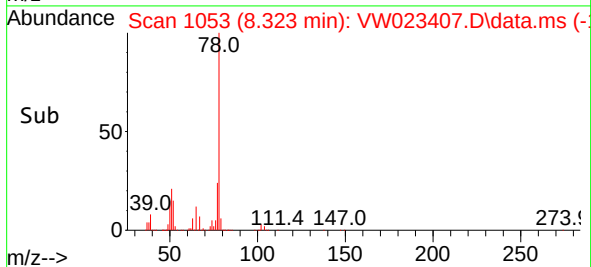
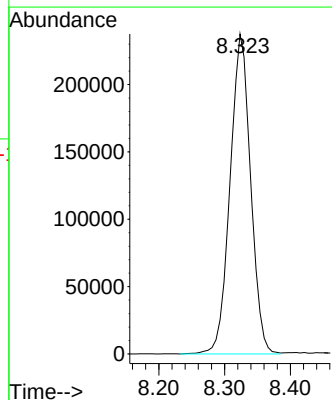
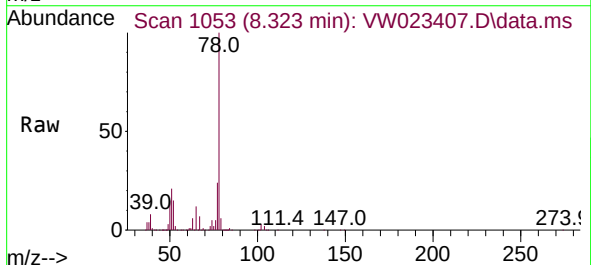
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

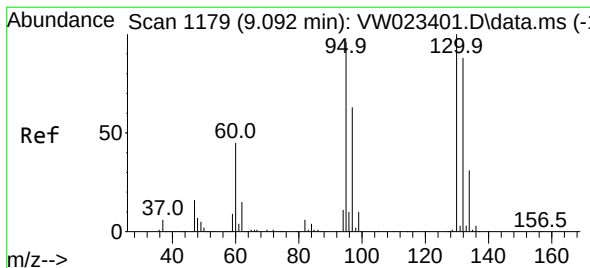
Tgt Ion:117 Resp: 191924
Ion Ratio Lower Upper
117 100
119 95.3 76.6 115.0



#33
Benzene
Concen: 23.813 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 78 Resp: 516604





#34

Trichloroethene

Concen: 22.989 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

Tgt Ion: 95 Resp: 136428

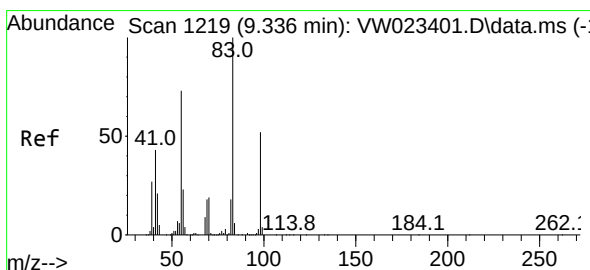
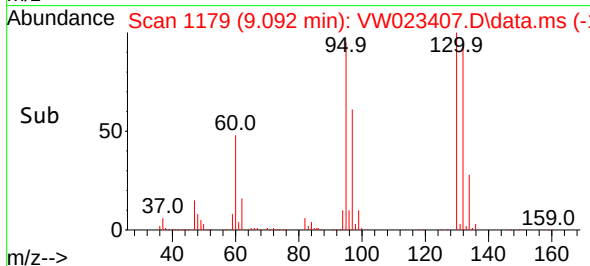
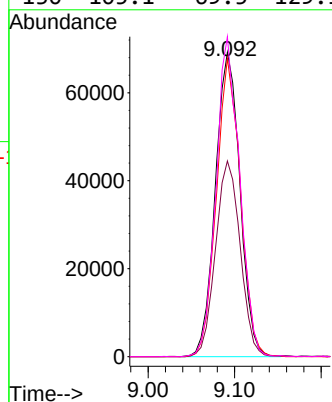
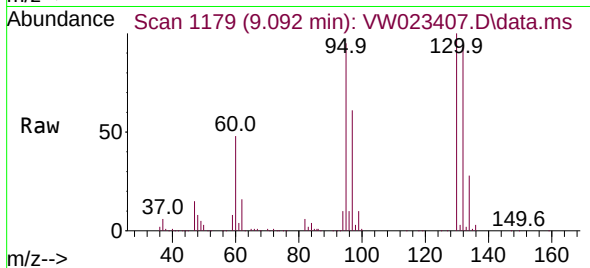
Ion Ratio Lower Upper

95 100

97 64.3 46.1 85.7

132 98.0 66.9 124.3

130 105.1 69.5 129.1



#35

Methylcyclohexane

Concen: 24.109 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

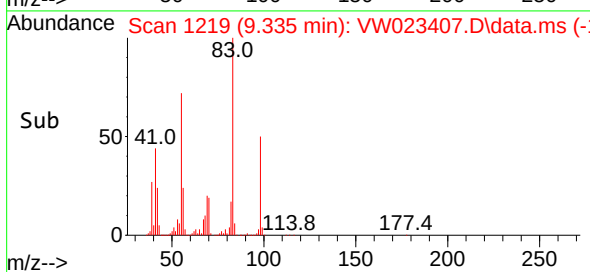
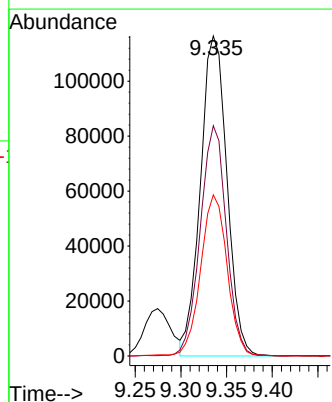
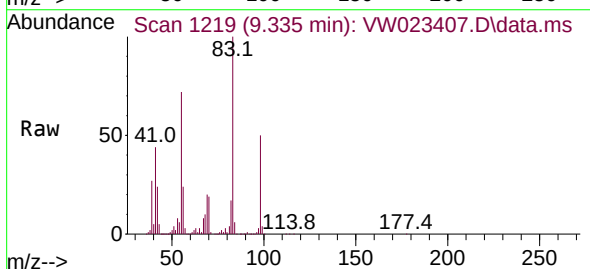
Tgt Ion: 83 Resp: 234842

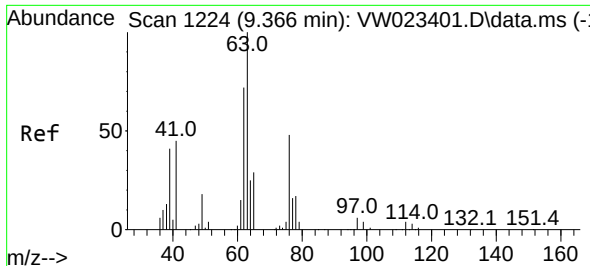
Ion Ratio Lower Upper

83 100

55 71.0 55.1 82.7

98 50.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.750 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

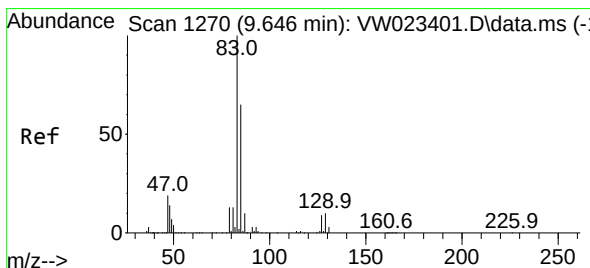
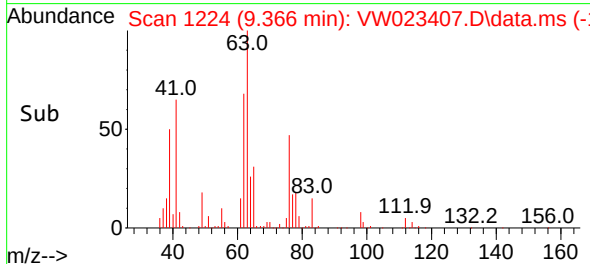
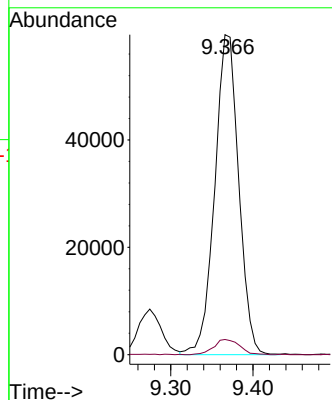
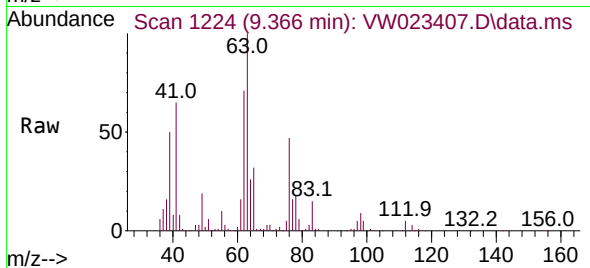
VSTD025564

Tgt Ion: 63 Resp: 120741

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 24.689 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

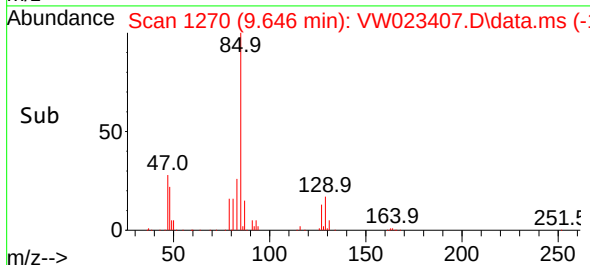
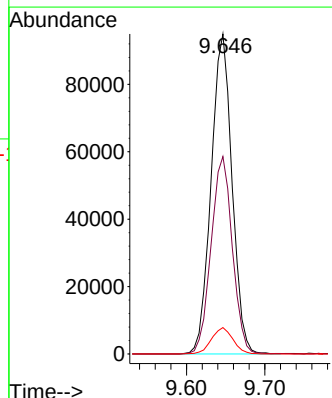
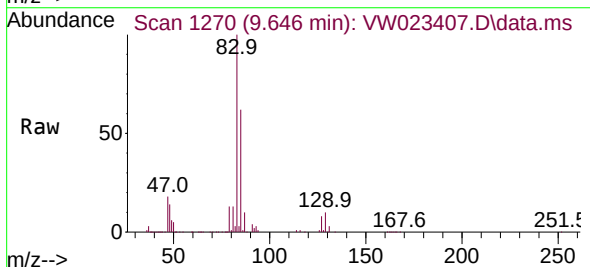
Tgt Ion: 83 Resp: 176092

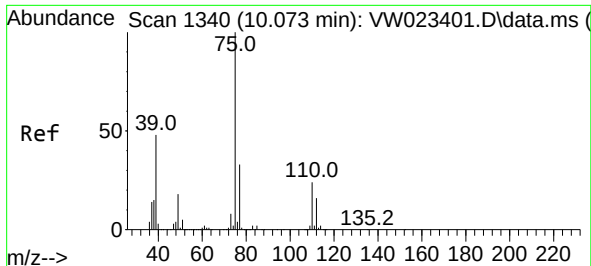
Ion Ratio Lower Upper

83 100

85 61.7 43.5 80.7

127 8.3 7.1 10.7

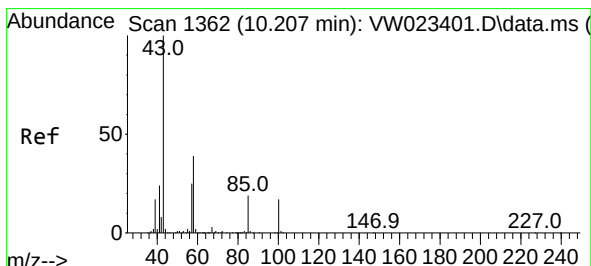
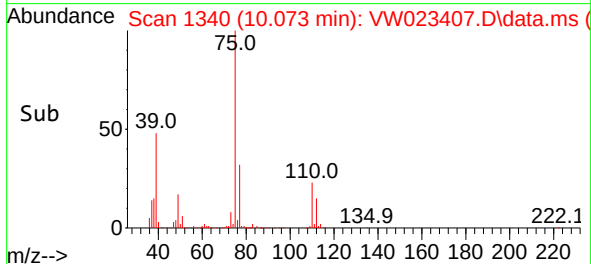
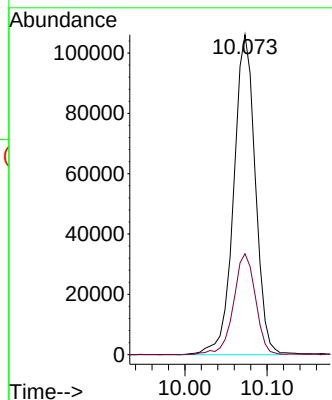
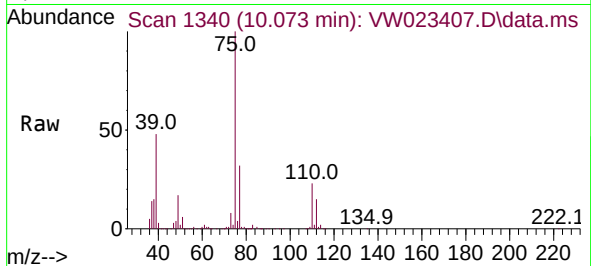




#39
 cis-1,3-Dichloropropene
 Concen: 24.338 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW023407.D
 Acq: 07 Jun 2022 09:00

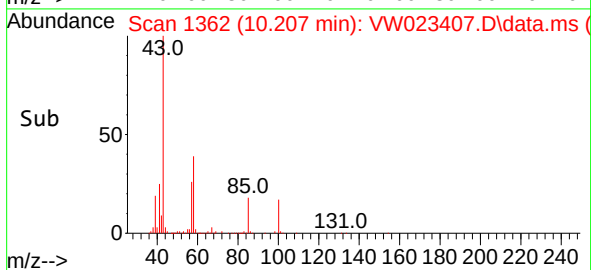
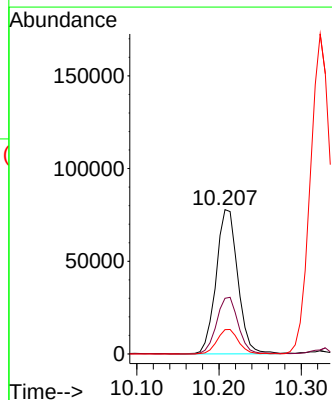
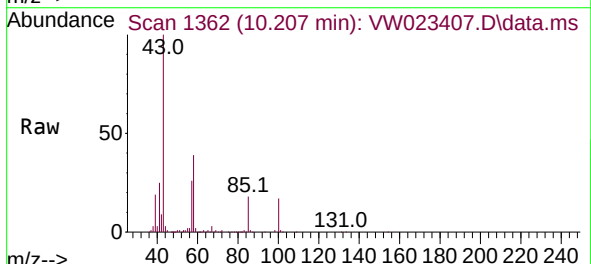
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

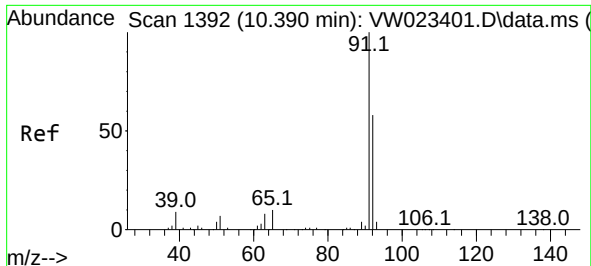
Tgt Ion: 75 Resp: 193837
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 51.668 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023407.D
 Acq: 07 Jun 2022 09:00

Tgt Ion: 43 Resp: 142816
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.4 47.2
 100 16.8 14.2 21.4

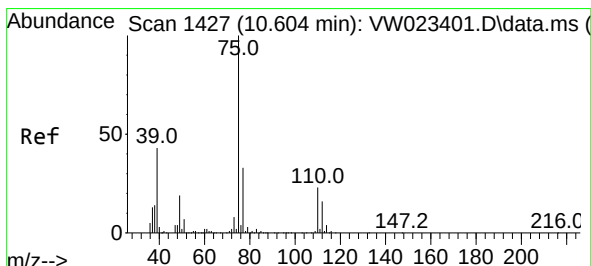
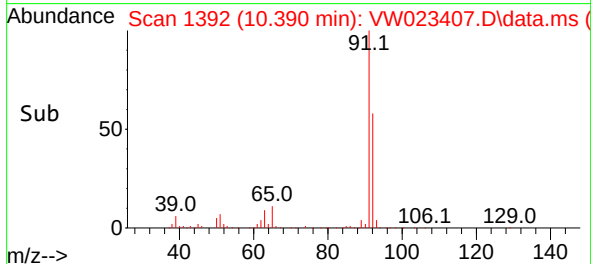
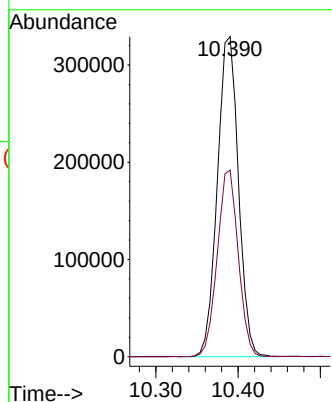
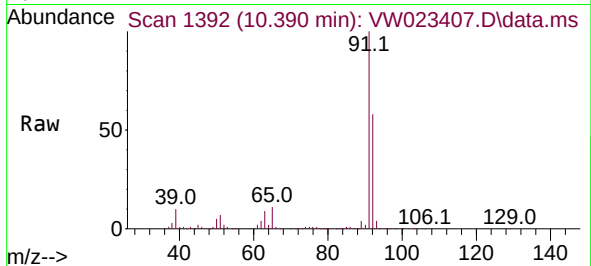




#42
Toluene
Concen: 24.044 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

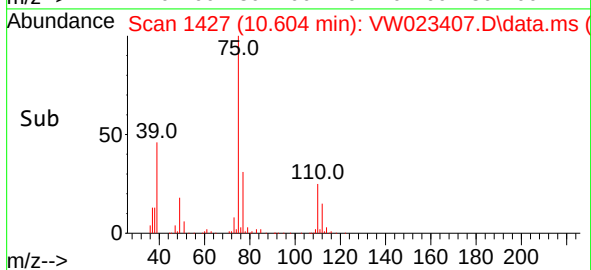
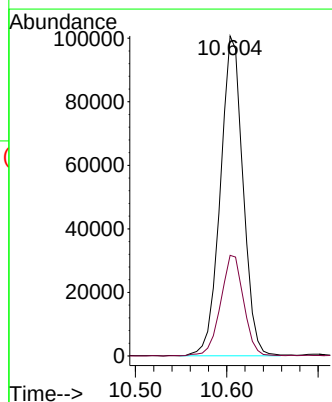
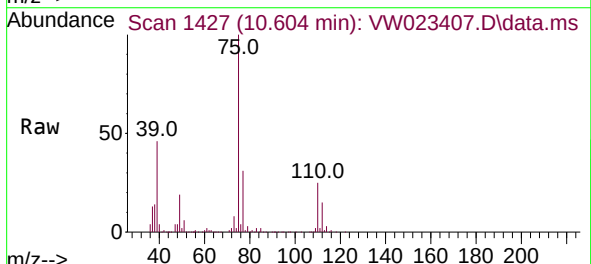
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

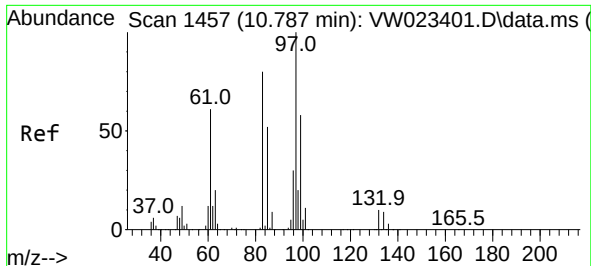
Tgt Ion: 91 Resp: 588164
Ion Ratio Lower Upper
91 100
92 58.3 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.944 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 75 Resp: 173386
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8

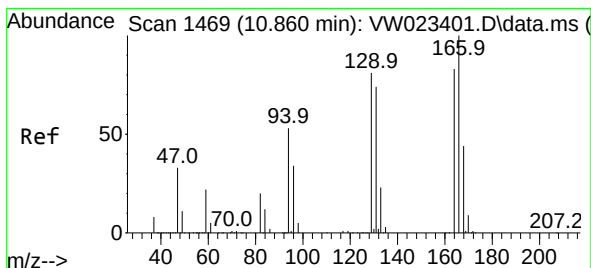
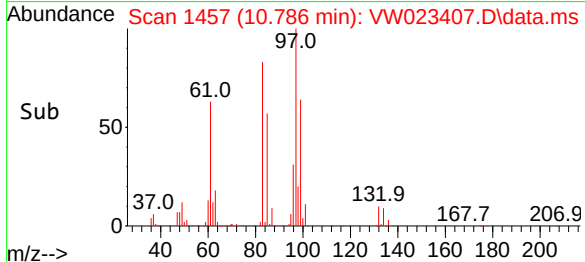
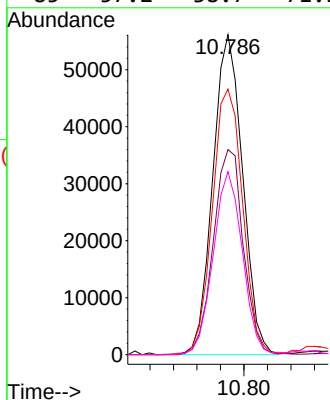
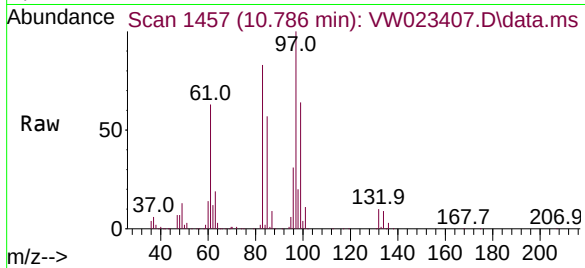




#45
1,1,2-Trichloroethane
Concen: 24.245 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

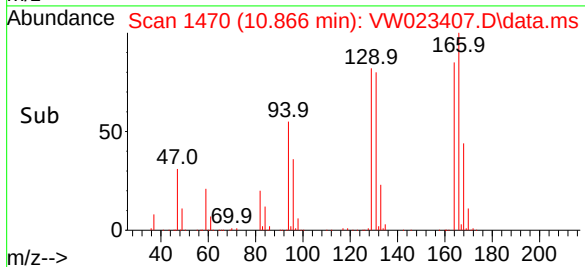
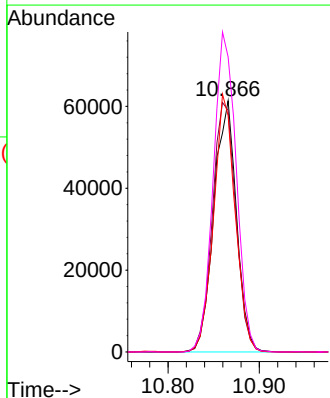
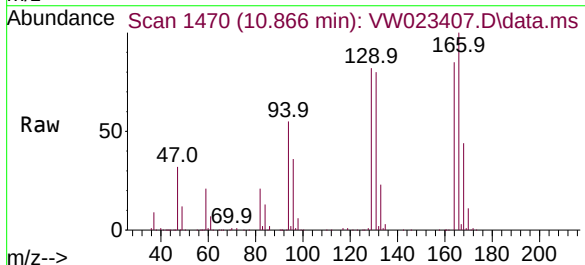
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

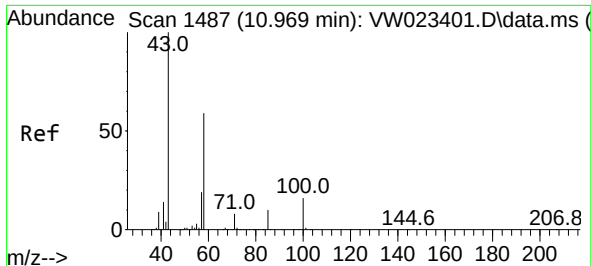
Tgt Ion:	97	Resp:	98953
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.7	82.9
83	83.0	58.4	108.4
85	57.2	38.7	71.9



#46
Tetrachloroethene
Concen: 22.504 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion:	164	Resp:	105649
Ion	Ratio	Lower	Upper
164	100		
129	96.1	76.9	142.7
131	94.0	75.1	139.5
166	117.4	96.0	178.2



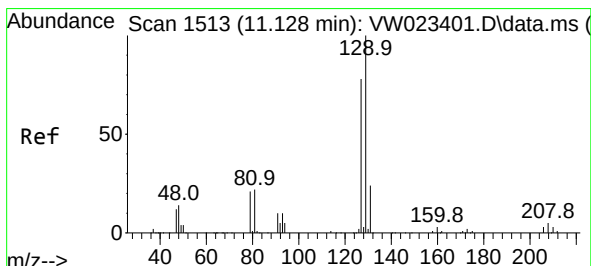
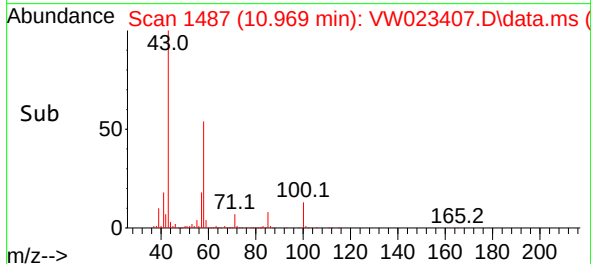
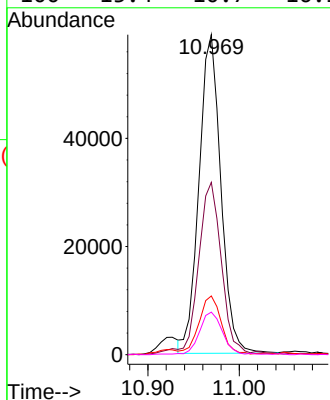
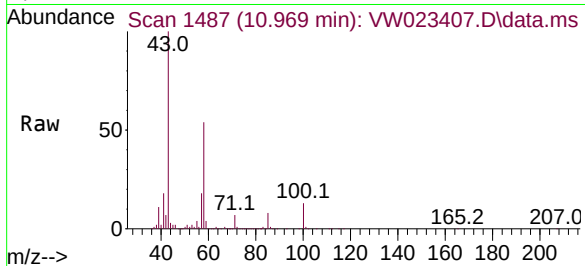


#48
2-Hexanone
Concen: 54.783 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

Tgt Ion: 43 Resp: 97924

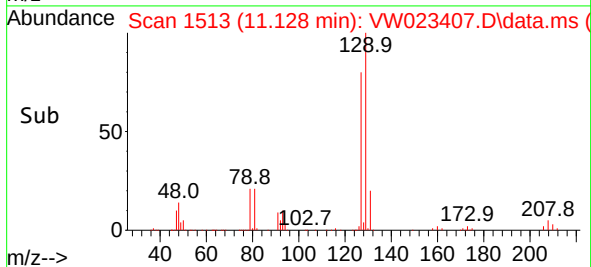
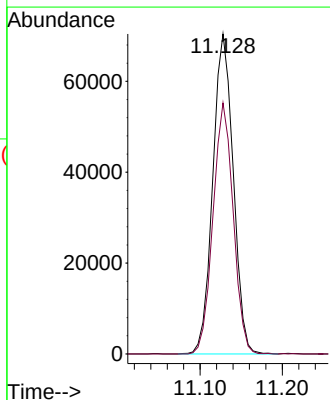
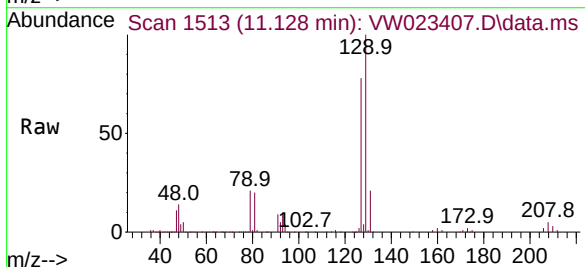
Ion	Ratio	Lower	Upper
43	100		
58	55.3	45.9	68.9
57	19.1	16.2	24.2
100	13.4	10.7	16.1

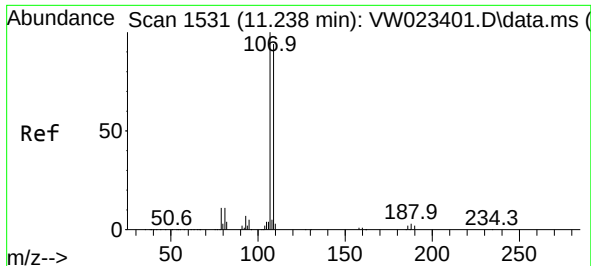


#49
Dibromochloromethane
Concen: 24.674 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 129 Resp: 121800

Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.8	100.0

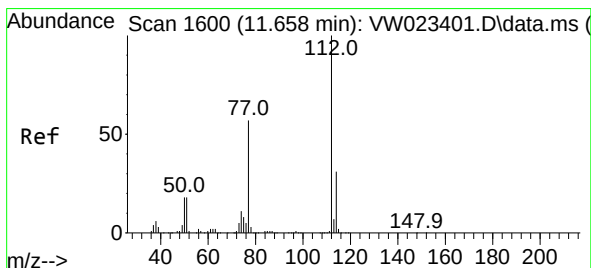
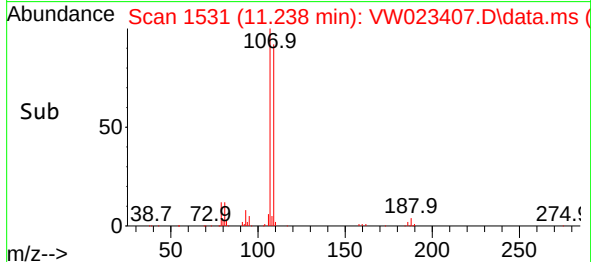
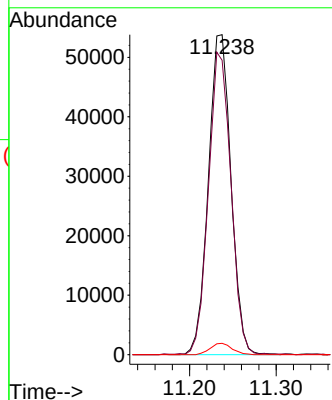
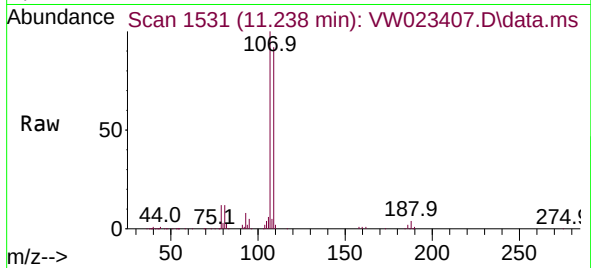




#50
1,2-Dibromoethane
Concen: 24.404 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

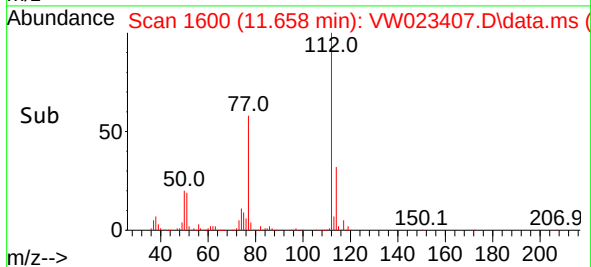
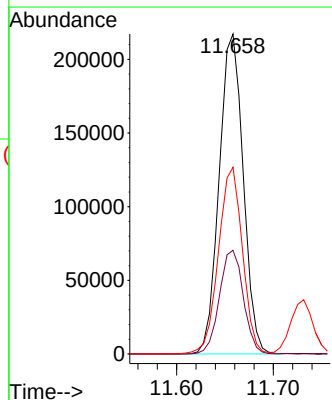
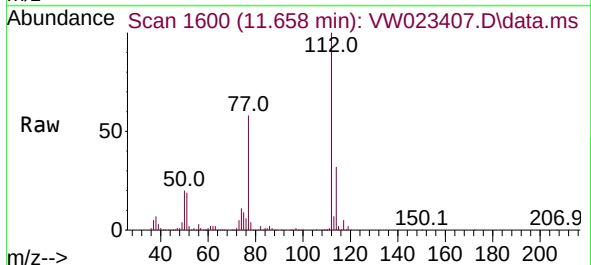
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

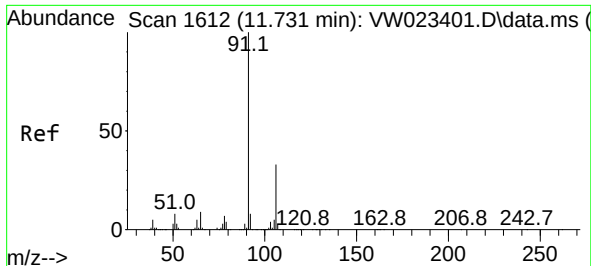
Tgt Ion:107 Resp: 97571
Ion Ratio Lower Upper
107 100
109 92.0 67.5 125.4
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 23.401 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion:112 Resp: 374641
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 58.4 42.6 63.8

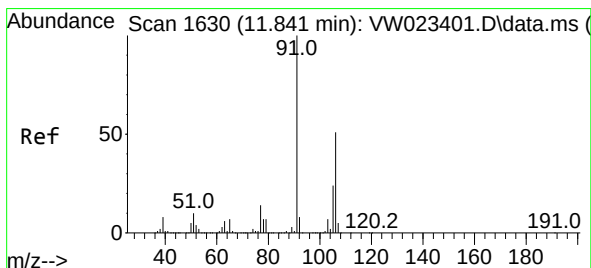
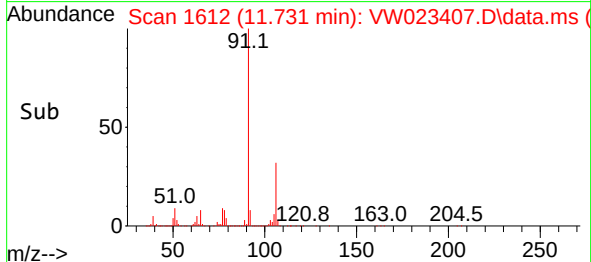
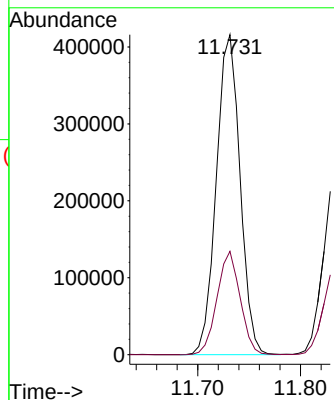
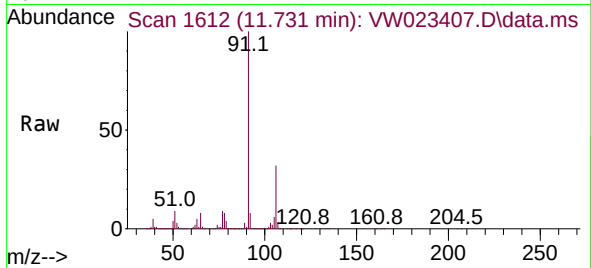




#52
Ethylbenzene
Concen: 24.702 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

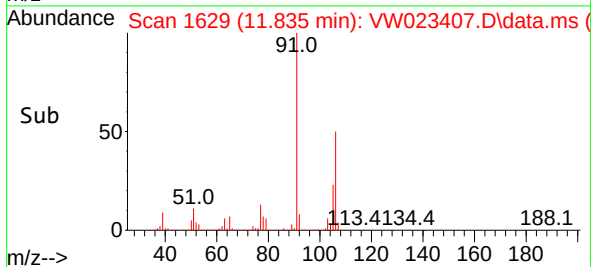
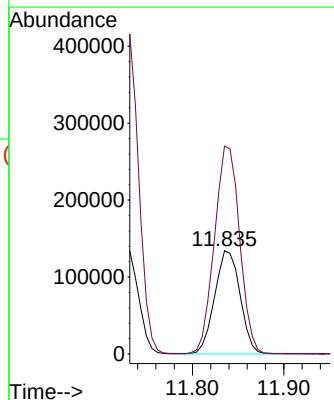
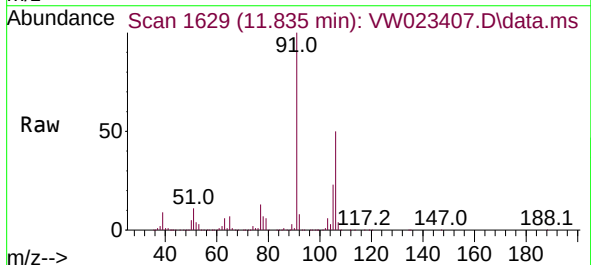
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

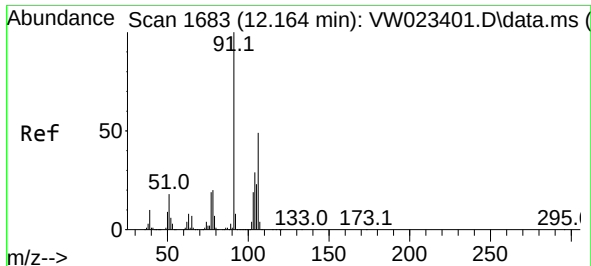
Tgt Ion: 91 Resp: 665786
Ion Ratio Lower Upper
91 100
106 32.3 22.3 41.3



#53
m,p-Xylene
Concen: 24.914 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion:106 Resp: 259898
Ion Ratio Lower Upper
106 100
91 201.6 136.8 254.0

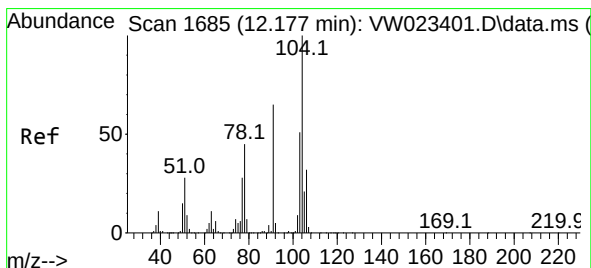
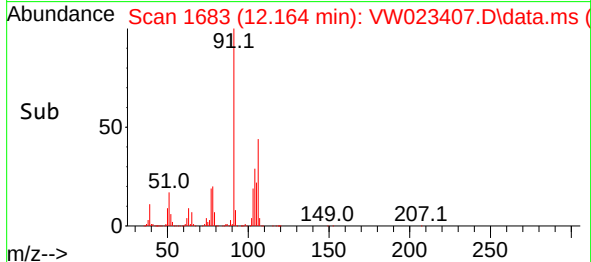
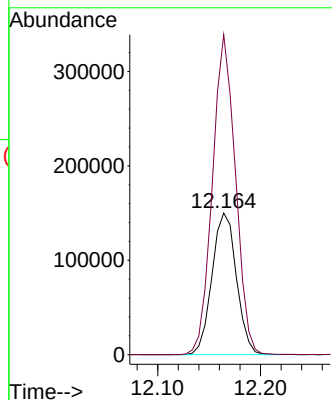
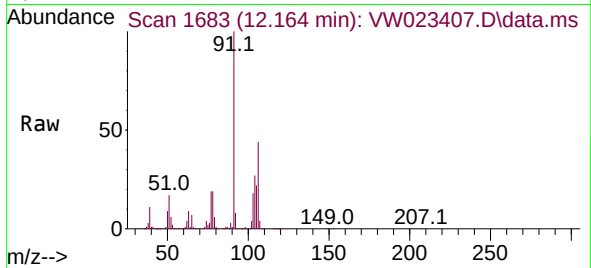




#54
o-Xylene
Concen: 24.768 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

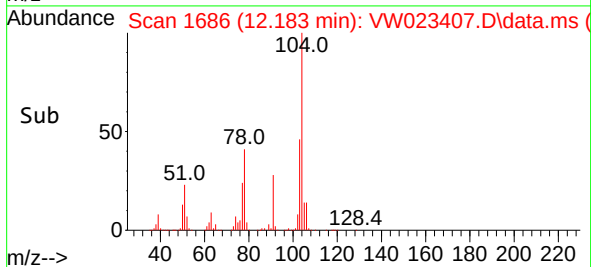
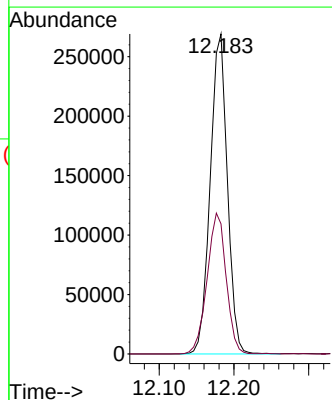
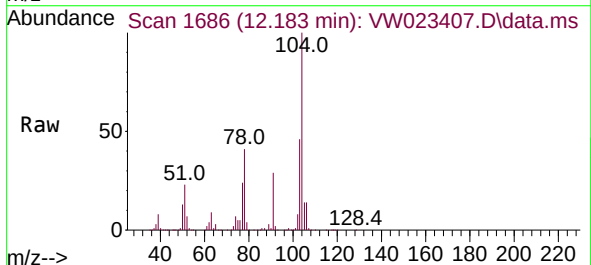
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

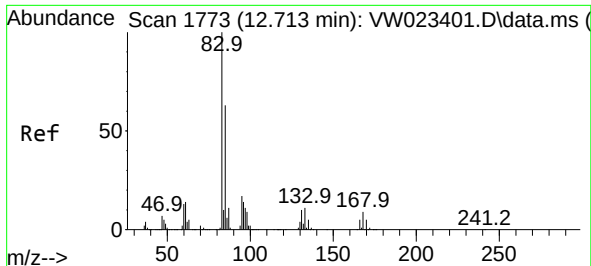
Tgt Ion:106 Resp: 247517
Ion Ratio Lower Upper
106 100
91 225.9 147.2 273.4



#55
Styrene
Concen: 24.939 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion:104 Resp: 428872
Ion Ratio Lower Upper
104 100
78 40.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.777 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

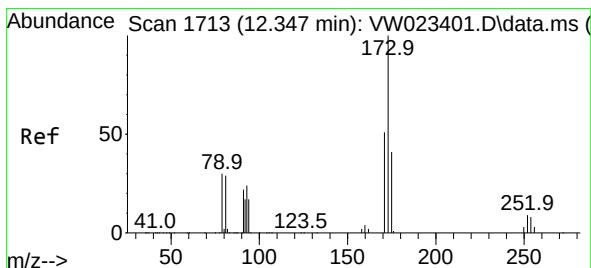
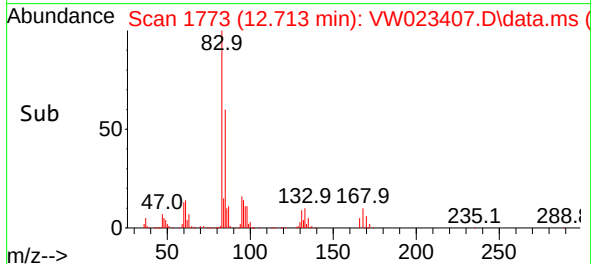
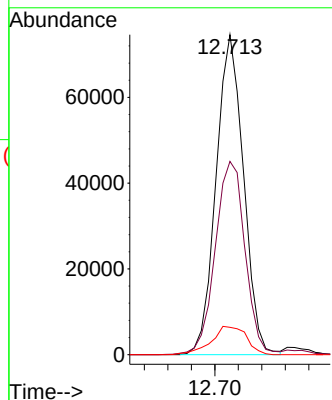
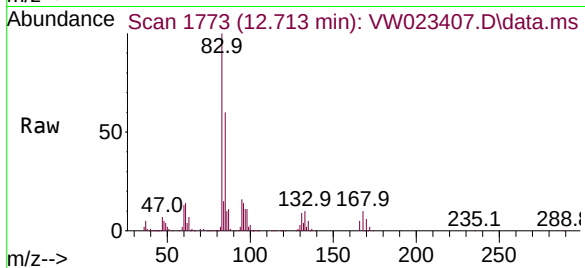
Tgt Ion: 83 Resp: 121266

Ion Ratio Lower Upper

83 100

85 60.4 47.5 88.1

131 8.6 8.7 13.1#



#59

Bromoform

Concen: 23.854 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

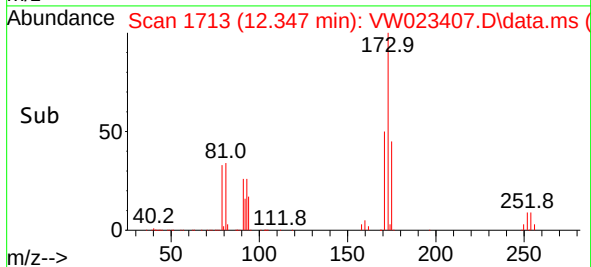
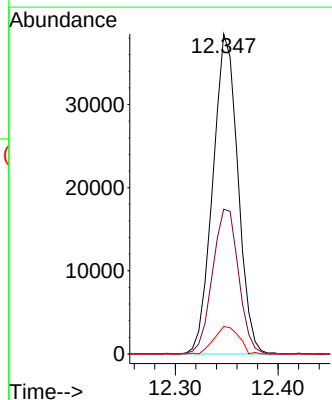
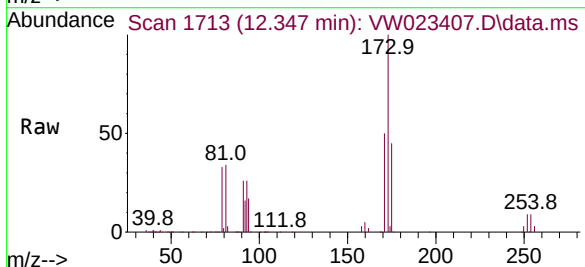
Tgt Ion: 173 Resp: 65137

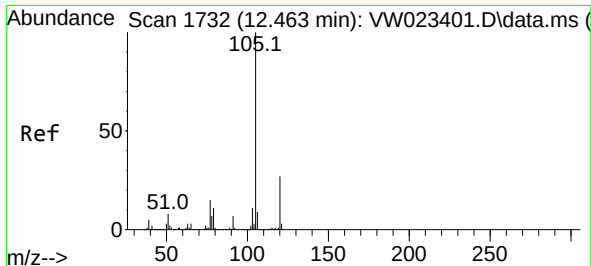
Ion Ratio Lower Upper

173 100

175 47.0 38.1 57.1

254 8.3 6.5 9.7

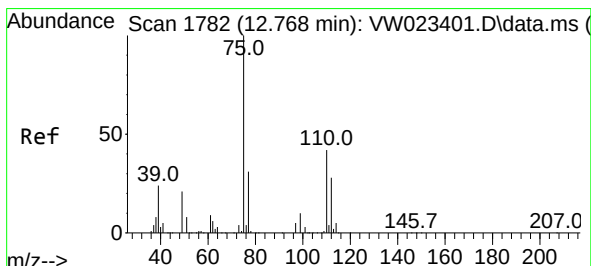
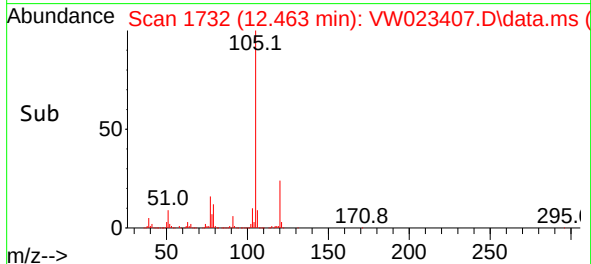
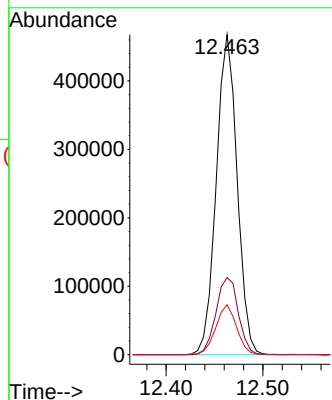
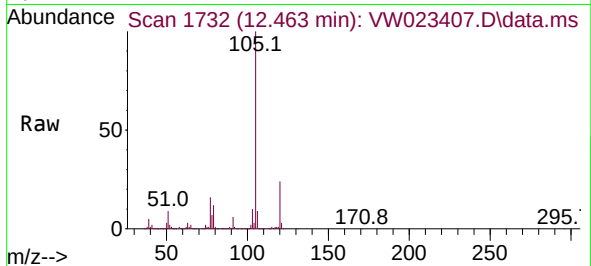




#60
Isopropylbenzene
Concen: 24.787 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

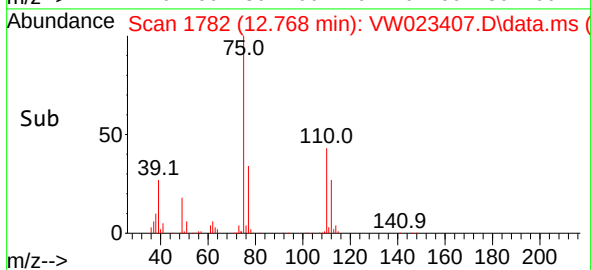
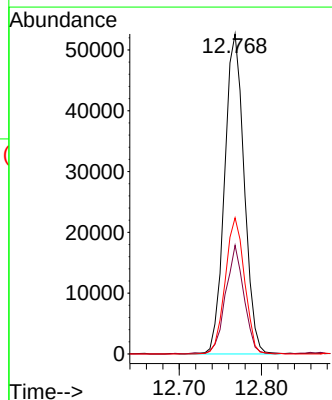
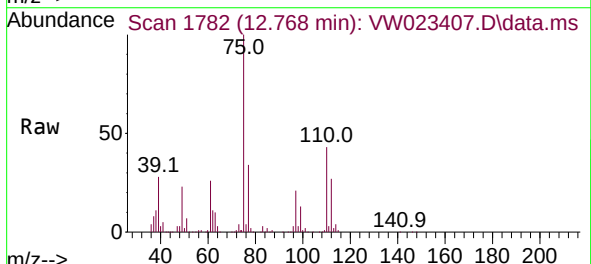
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

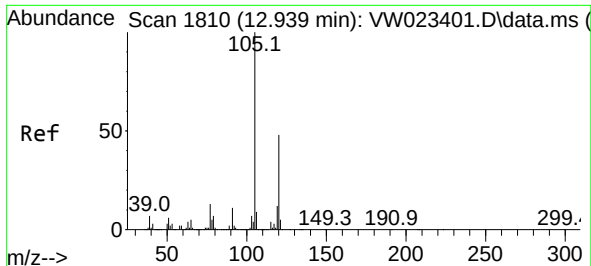
Tgt Ion:105 Resp: 698974
Ion Ratio Lower Upper
105 100
120 25.8 21.3 31.9
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.436 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion: 75 Resp: 87093
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 41.8 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 24.229 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

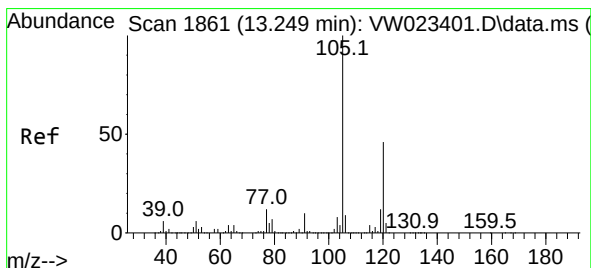
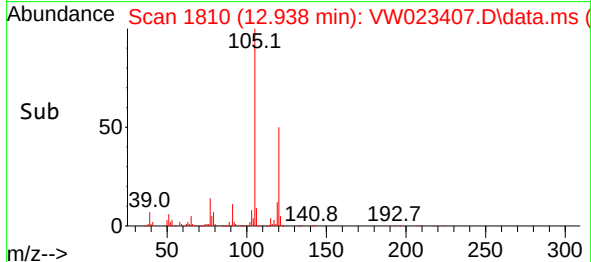
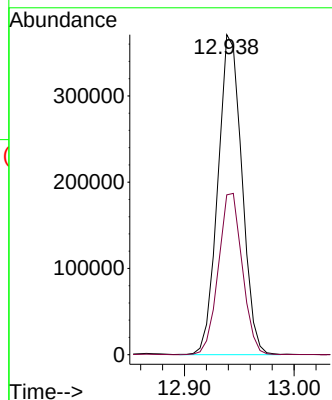
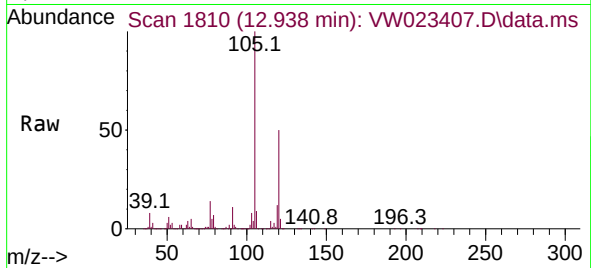
VSTD025564

Tgt Ion:105 Resp: 565485

Ion Ratio Lower Upper

105 100

120 50.2 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 24.829 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023407.D

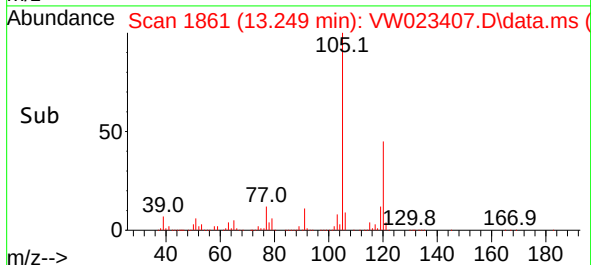
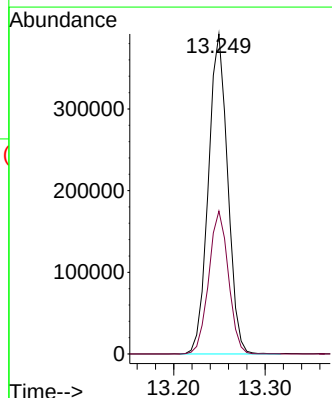
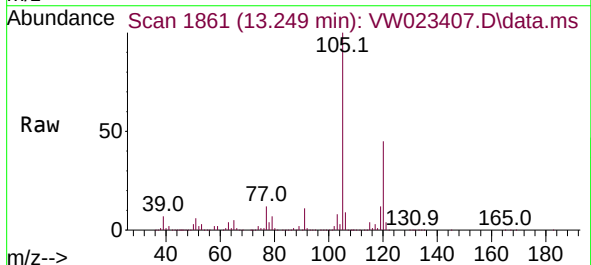
Acq: 07 Jun 2022 09:00

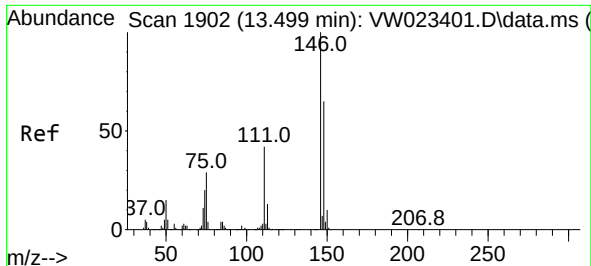
Tgt Ion:105 Resp: 573544

Ion Ratio Lower Upper

105 100

120 45.5 37.4 56.2

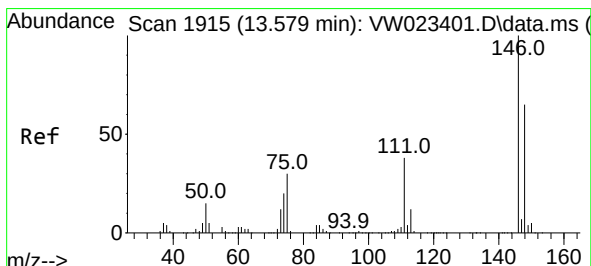
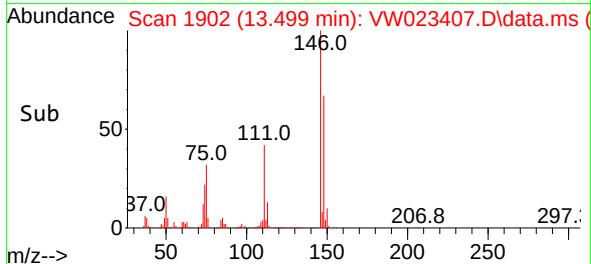
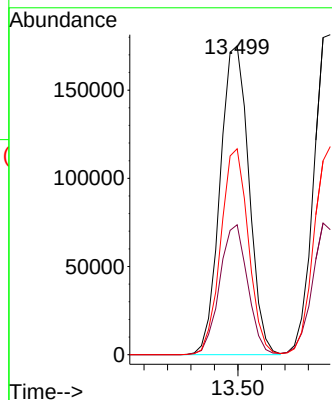
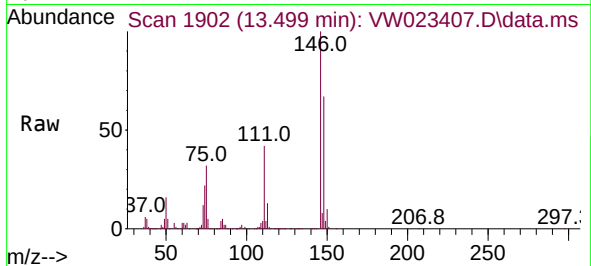




#64
1,3-Dichlorobenzene
Concen: 23.334 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

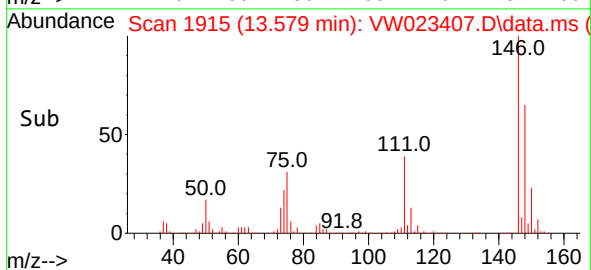
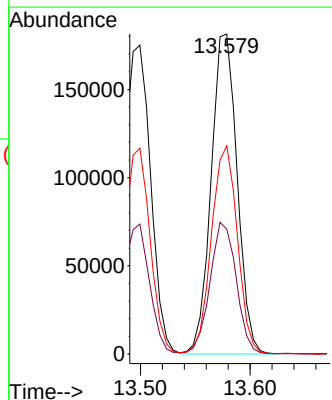
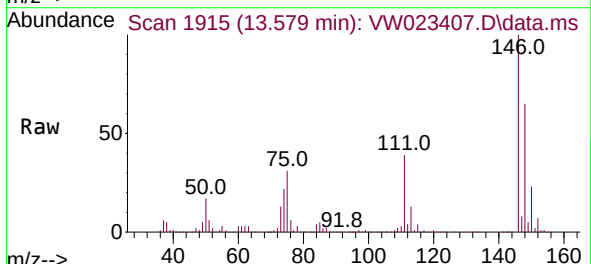
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

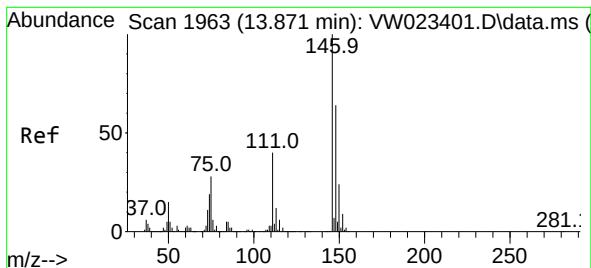
Tgt Ion:146 Resp: 298557
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 66.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.889 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion:146 Resp: 299527
Ion Ratio Lower Upper
146 100
111 39.1 27.2 50.4
148 65.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.156 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

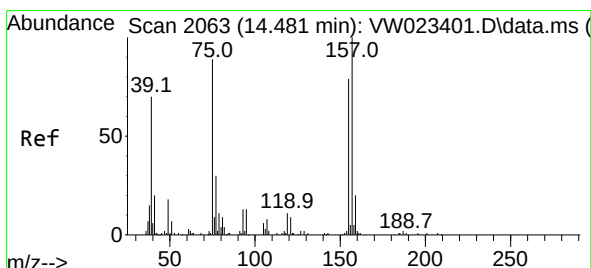
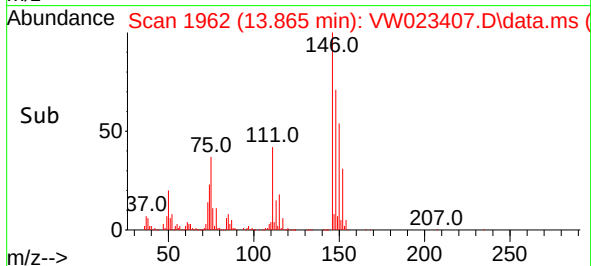
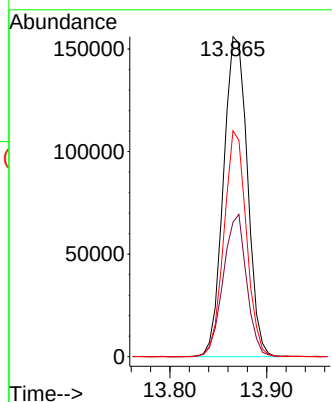
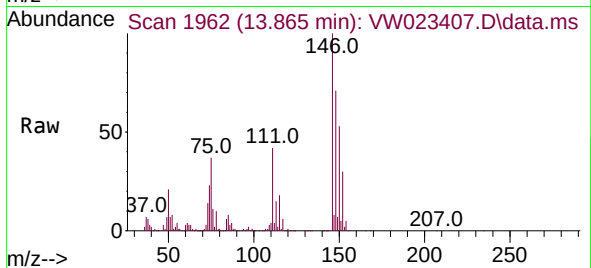
Tgt Ion:146 Resp: 268779

Ion Ratio Lower Upper

146 100

111 42.1 35.7 53.5

148 70.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.842 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

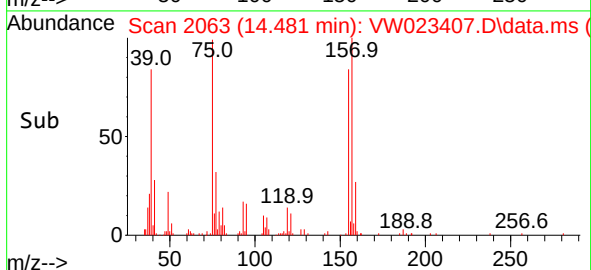
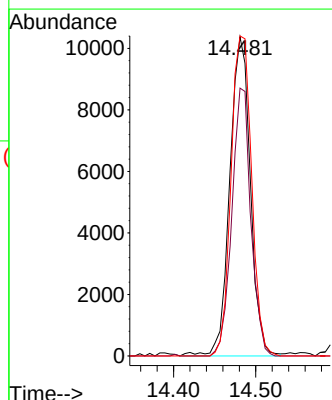
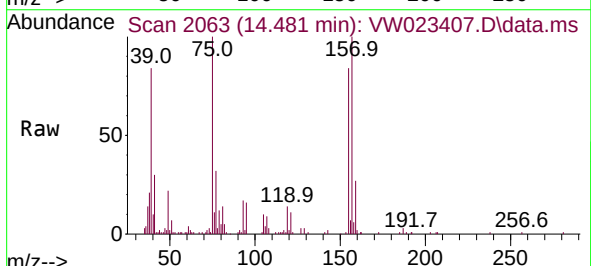
Tgt Ion: 75 Resp: 18045

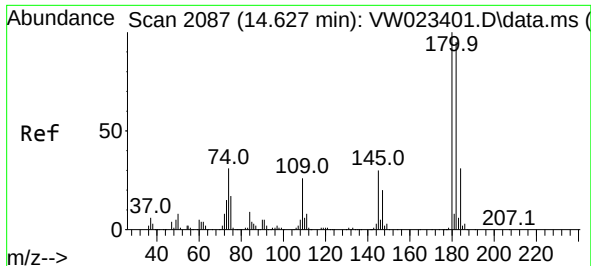
Ion Ratio Lower Upper

75 100

155 84.0 59.3 88.9

157 100.3 89.8 134.8

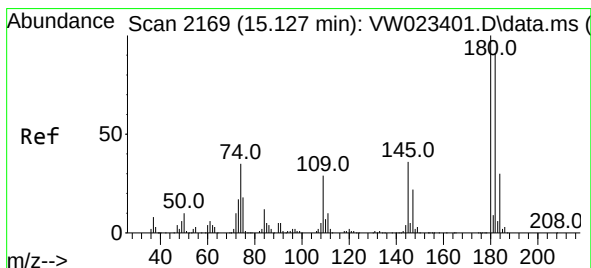
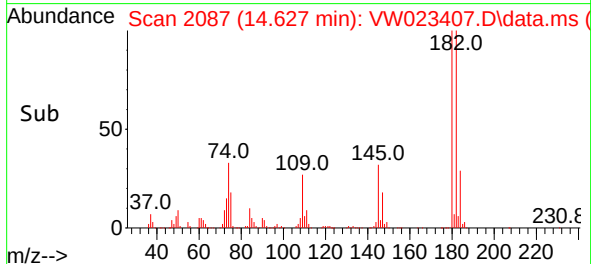
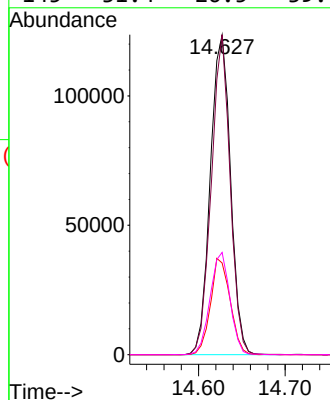
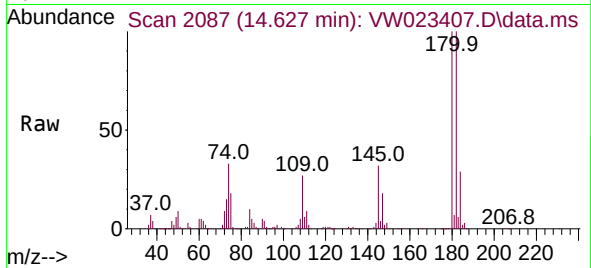




#69
1,3,5-Trichlorobenzene
Concen: 23.594 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

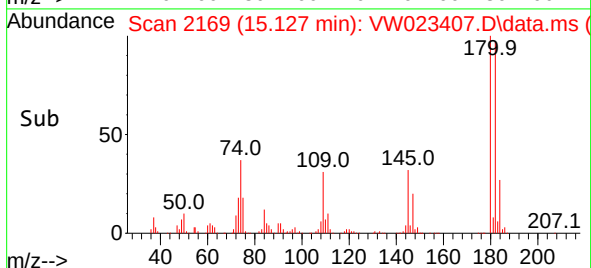
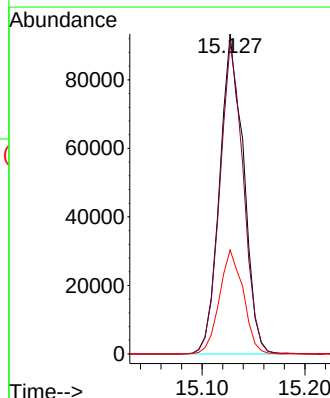
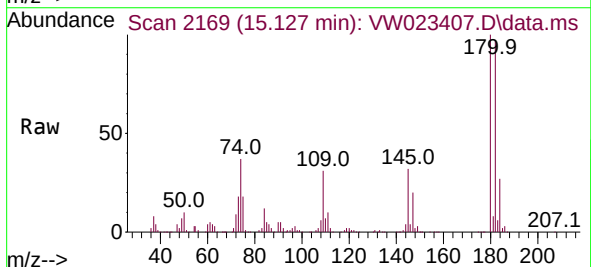
Instrument :
MSVOA_W
ClientSampleId :
VSTD025564

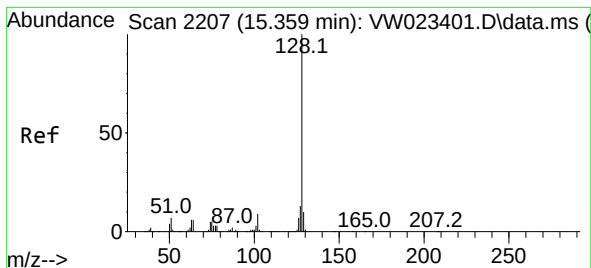
Tgt Ion:	180	Resp:	199613
Ion Ratio	Lower	Upper	
180	100		
182	93.0	74.8	112.2
184	29.4	23.4	35.2
145	31.4	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 22.906 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023407.D
Acq: 07 Jun 2022 09:00

Tgt Ion:	180	Resp:	150112
Ion Ratio	Lower	Upper	
180	100		
182	96.2	74.9	112.3
145	32.5	26.6	39.8





#71

Naphthalene

Concen: 25.479 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025564

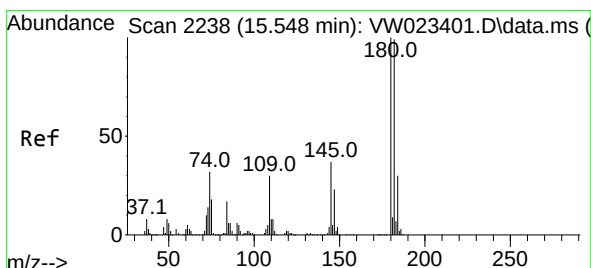
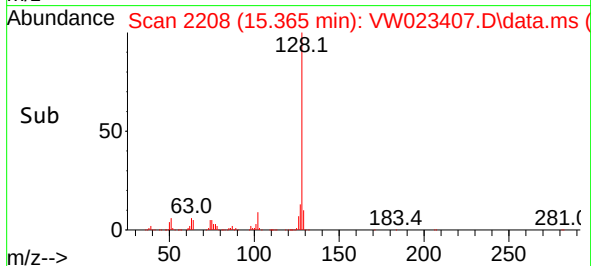
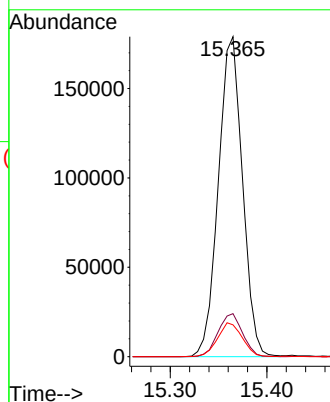
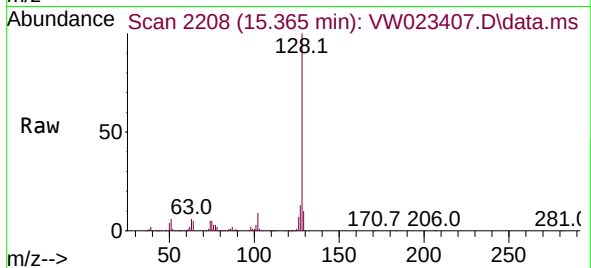
Tgt Ion:128 Resp: 309886

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.074 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023407.D

Acq: 07 Jun 2022 09:00

Tgt Ion:180 Resp: 131483

Ion Ratio Lower Upper

180 100

182 95.7 73.5 110.3

145 36.5 27.9 41.9

