

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024599.D
 Acq On : 12 Sep 2022 11:05
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Sep 13 02:35:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	261835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	283955	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163440	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	143669	26.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.320%
7) Chloroethane-d5	2.873	69	115448	28.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.880%
11) 1,1-Dichloroethene-d2	4.013	63	111621	19.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.280%
21) 2-Butanone-d5	7.073	46	37298	42.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.540%
24) Chloroform-d	7.646	84	151904	22.779	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	8.305	65	94962	25.256	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.040%
32) Benzene-d6	8.274	84	301914	21.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.480%
36) 1,2-Dichloropropane-d6	9.274	67	87236	21.183	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.720%
41) Toluene-d8	10.317	98	302290	22.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	10.579	79	43068	23.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.360%
47) 2-Hexanone-d5	10.926	63	36516	48.240	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.480%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	104860	26.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	126850	24.504	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	30799	24.561	ug/L	99
3) Chloromethane	2.215	50	112106	28.745	ug/L	99
5) Vinyl chloride	2.349	62	193519	29.433	ug/L	98
6) Bromomethane	2.763	94	126401	29.490	ug/L	98
8) Chloroethane	2.910	64	111492	31.169	ug/L	97
9) Trichlorofluoromethane	3.239	101	105458	27.743	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	71478	20.409	ug/L #	60
12) 1,1-Dichloroethene	4.031	96	60452	20.194	ug/L	91
13) Acetone	4.123	43	28060	37.817	ug/L	97
14) Carbon disulfide	4.373	76	151448	19.121	ug/L	100
15) Methyl Acetate	4.665	43	34527	22.016	ug/L	97
16) Methylene chloride	4.909	84	75643	19.361	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	74810	21.817	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	140008	22.927	ug/L	97
19) 1,1-Dichloroethane	6.208	63	142871	22.901	ug/L	99
22) 2-Butanone	7.171	43	53223	44.345	ug/L	94
23) Bromochloromethane	7.506	128	39156	22.229	ug/L	86
25) Chloroform	7.671	83	166902	24.083	ug/L	100
27) 1,2-Dichloroethane	8.396	62	133755	28.714	ug/L	96

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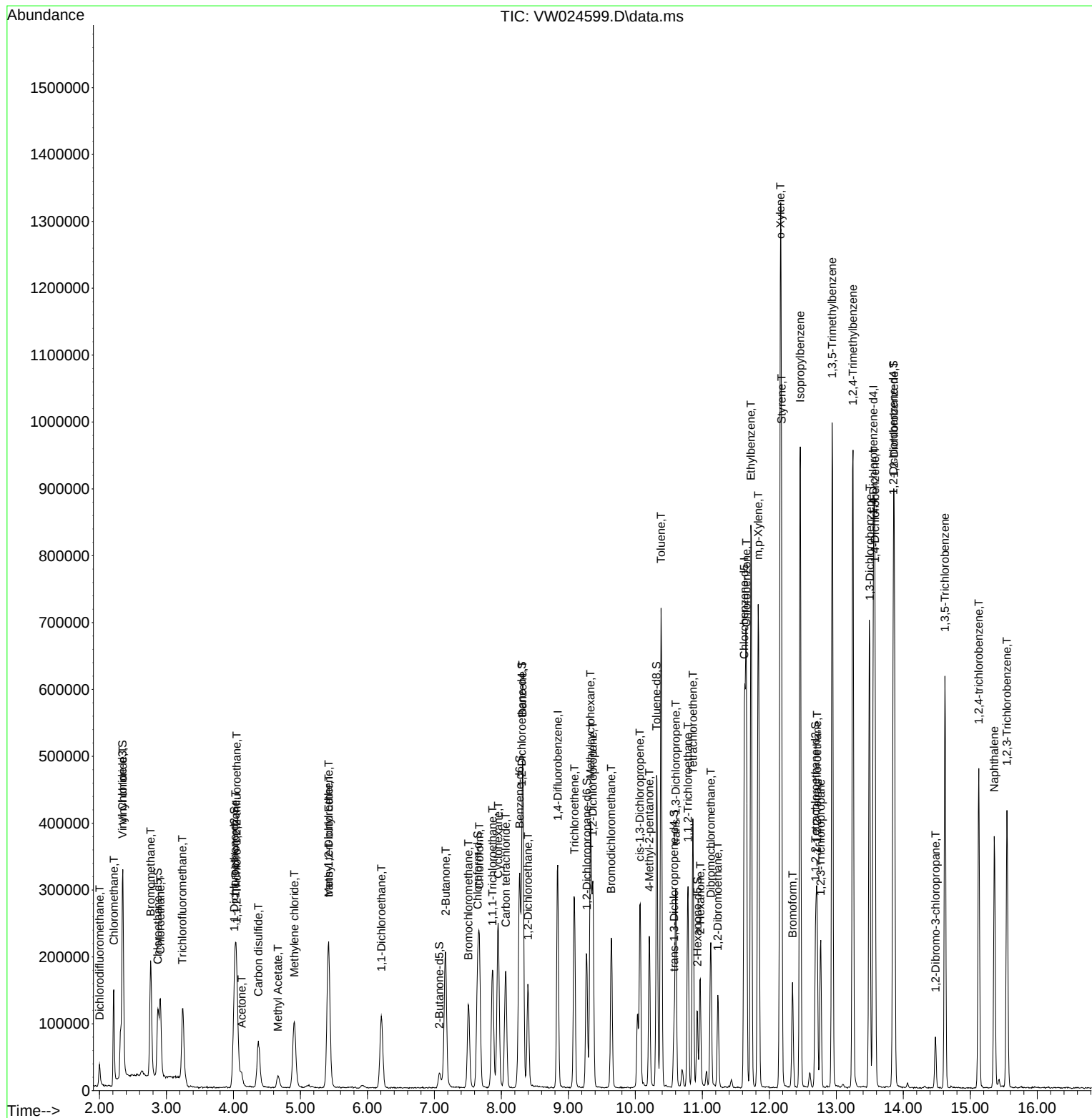
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	120109	21.849	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	133979	21.515	ug/L	96
31) Carbon tetrachloride	8.067	117	124493	21.888	ug/L	99
33) Benzene	8.317	78	401868	24.935	ug/L	100
34) Trichloroethene	9.091	95	97001	23.045	ug/L	97
35) Methylcyclohexane	9.329	83	156171	23.190	ug/L	99
37) 1,2-Dichloropropane	9.366	63	100407	24.945	ug/L	100
38) Bromodichloromethane	9.640	83	142152	24.988	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	150330	25.544	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	135453	51.015	ug/L	100
42) Toluene	10.384	91	489995	27.578	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	151510	27.255	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	90144	26.797	ug/L	98
46) Tetrachloroethene	10.859	164	76261	24.589	ug/L	98
48) 2-Hexanone	10.969	43	102015	56.026	ug/L	98
49) Dibromochloromethane	11.128	129	107780	27.407	ug/L	95
50) 1,2-Dibromoethane	11.231	107	83602	25.606	ug/L #	94
51) Chlorobenzene	11.658	112	328384	26.753	ug/L	93
52) Ethylbenzene	11.725	91	587819	29.139	ug/L	94
53) m,p-Xylene	11.835	106	221416	28.093	ug/L	88
54) o-Xylene	12.164	106	219952	29.312	ug/L	96
55) Styrene	12.182	104	411333	31.142	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	124568	29.249	ug/L	99
59) Bromoform	12.347	173	62018	26.106	ug/L	95
60) Isopropylbenzene	12.463	105	615349	27.807	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84851	25.094	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	511588	27.840	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	510814	27.930	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	268031	26.881	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	276114	26.272	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	249502	26.833	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	18559	23.197	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	165643	25.577	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	125091	24.342	ug/L	95
71) Naphthalene	15.358	128	293369	25.803	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	113054	23.647	ug/L	97

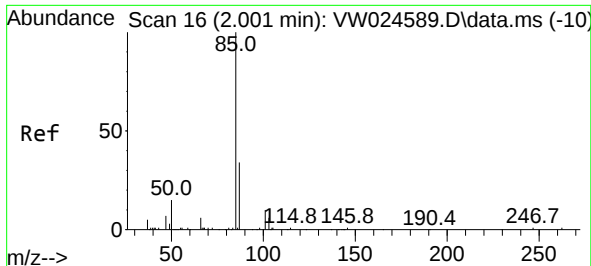
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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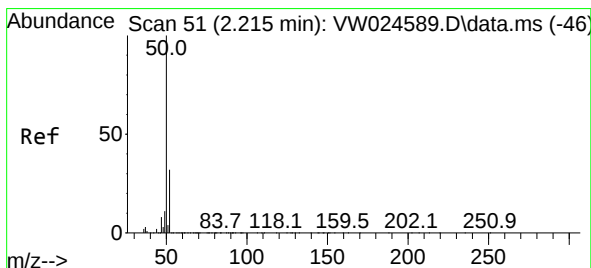
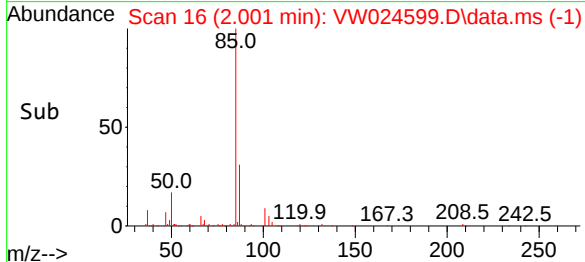
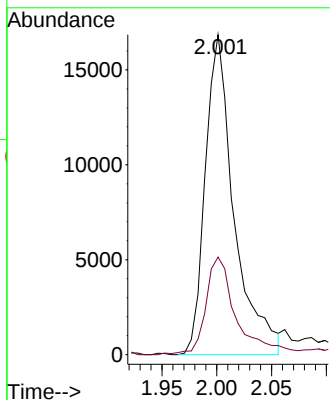
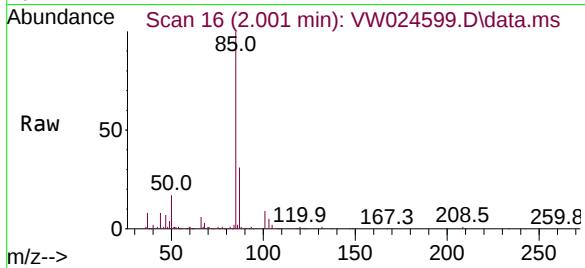




#2
 Dichlorodifluoromethane
 Concen: 24.561 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024599.D
 Acq: 12 Sep 2022 11:05

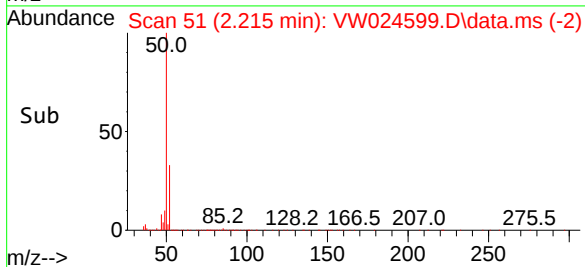
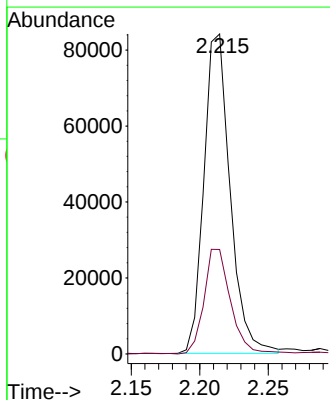
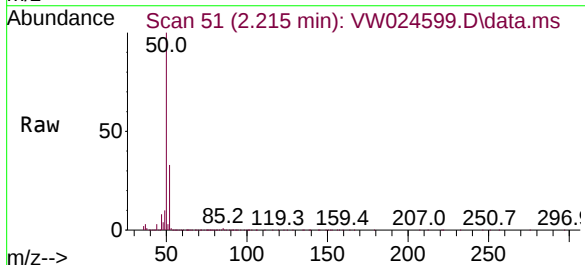
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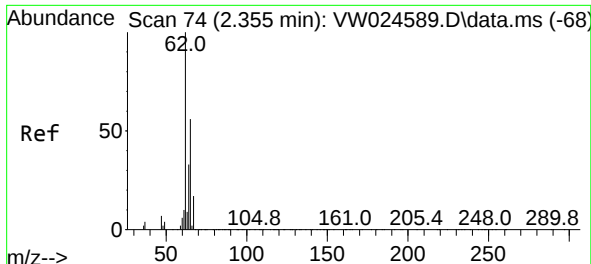
Tgt Ion: 85 Resp: 30799
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.2 36.2



#3
 Chloromethane
 Concen: 28.745 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW024599.D
 Acq: 12 Sep 2022 11:05

Tgt Ion: 50 Resp: 112106
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.3 43.3

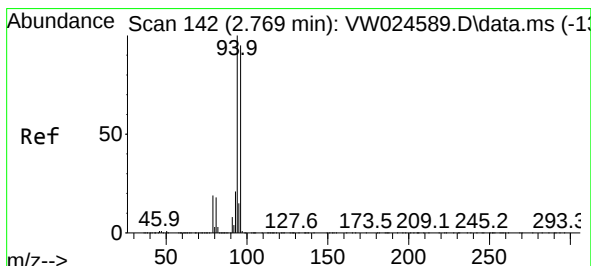
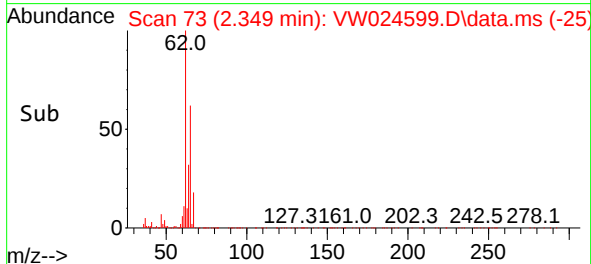
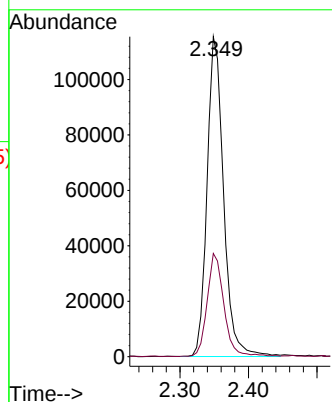
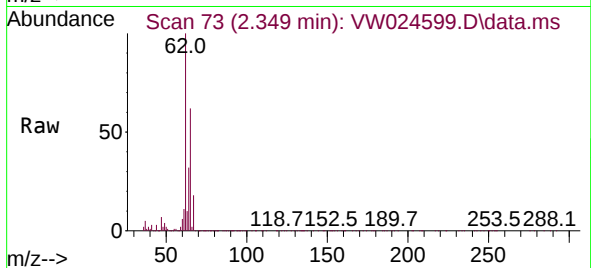




#5
 Vinyl chloride
 Concen: 29.433 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024599.D
 Acq: 12 Sep 2022 11:05

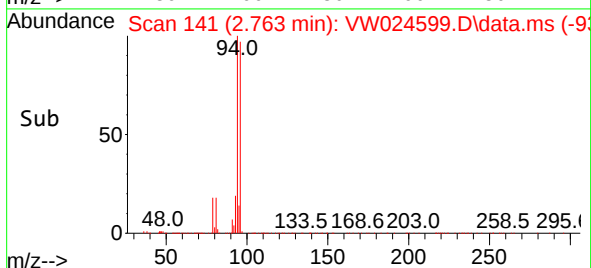
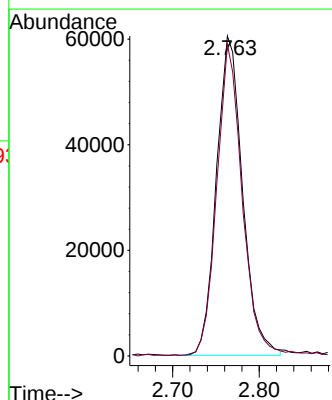
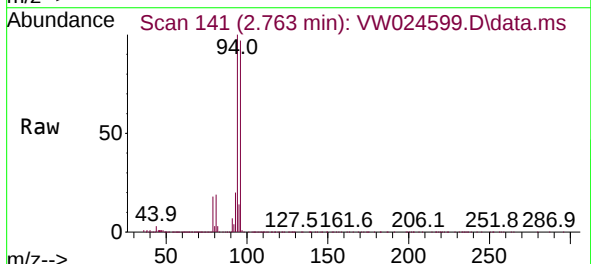
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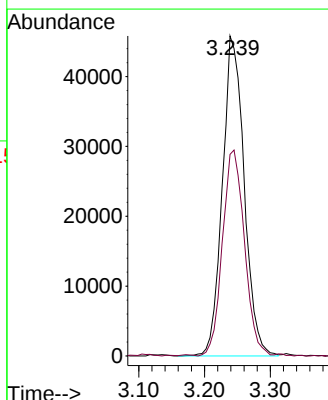
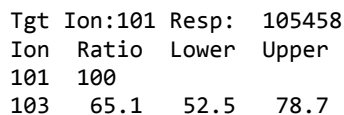
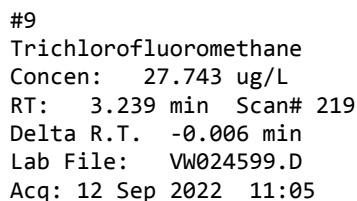
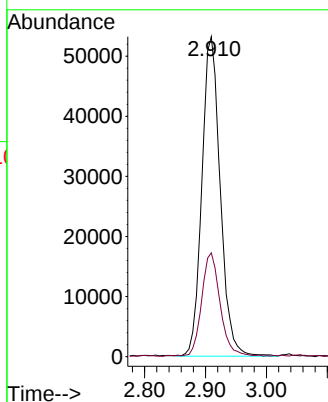
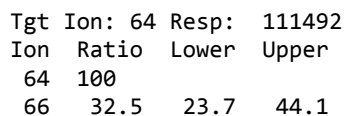
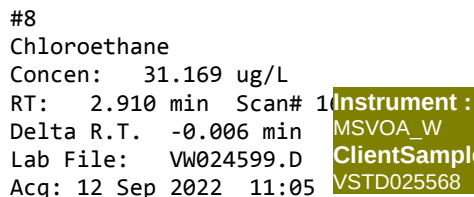
Tgt Ion: 62 Resp: 193519
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.3 43.3

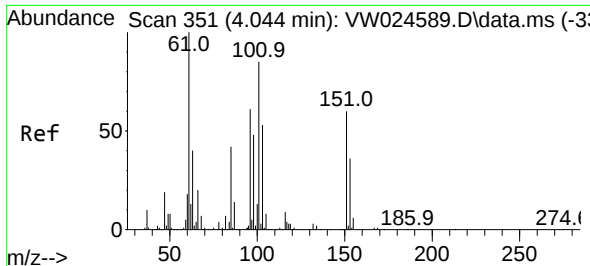


#6
 Bromomethane
 Concen: 29.490 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024599.D
 Acq: 12 Sep 2022 11:05

Tgt Ion: 94 Resp: 126401
 Ion Ratio Lower Upper
 94 100
 96 97.4 69.8 129.6



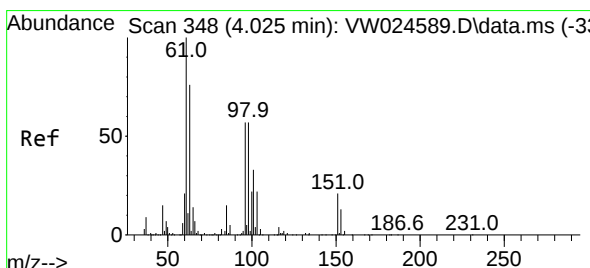
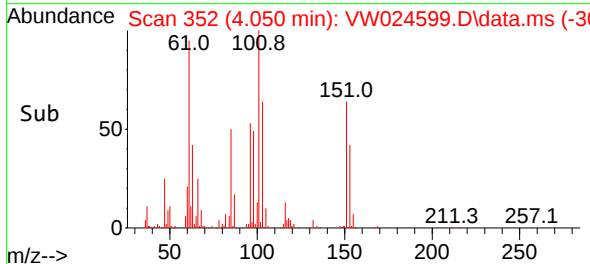
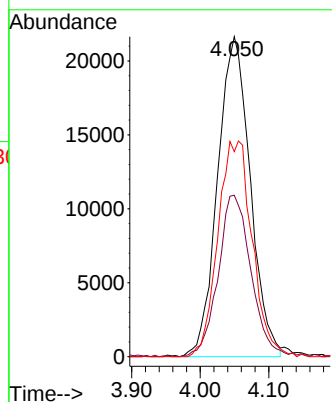
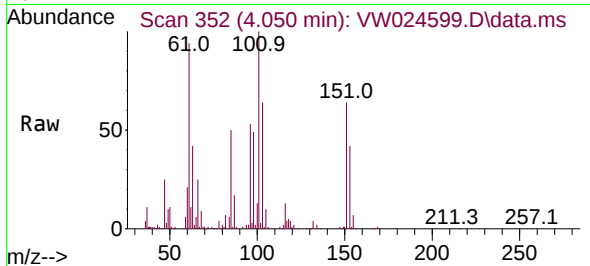




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.409 ug/L
 RT: 4.050 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024599.D
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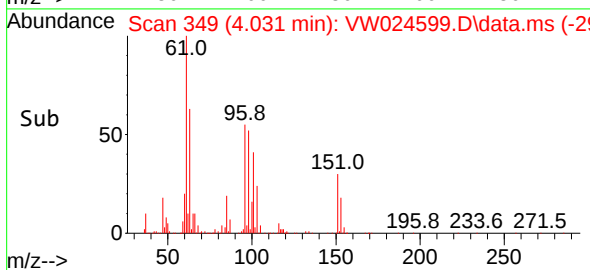
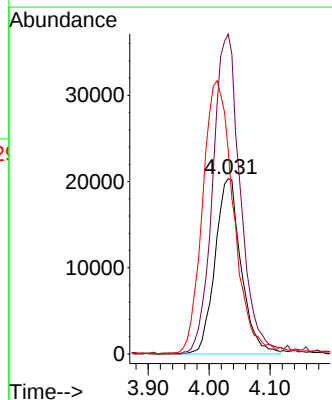
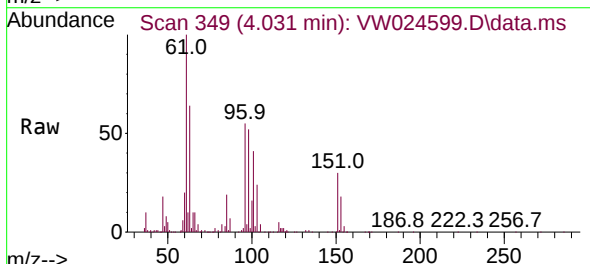
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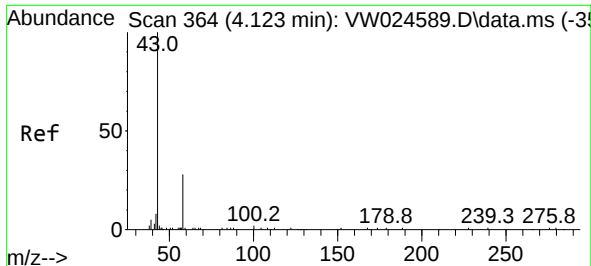
Tgt Ion:101 Resp: 71478
 Ion Ratio Lower Upper
 101 100
 85 50.5 21.8 32.8#
 151 37.0 53.9 80.9#



#12
 1,1-Dichloroethene
 Concen: 20.194 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024599.D
 Acq: 12 Sep 2022 11:05

Tgt Ion: 96 Resp: 60452
 Ion Ratio Lower Upper
 96 100
 61 182.7 119.8 222.6
 63 116.1 89.6 166.4

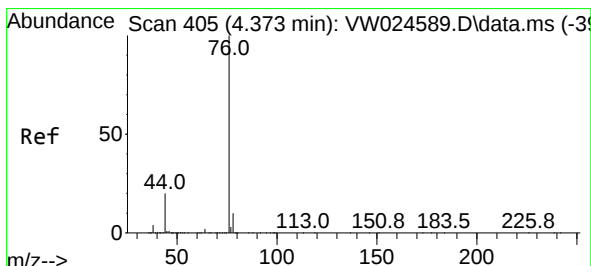
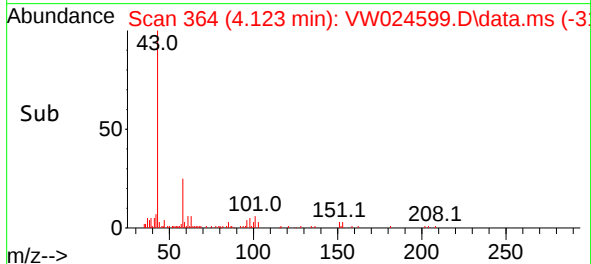
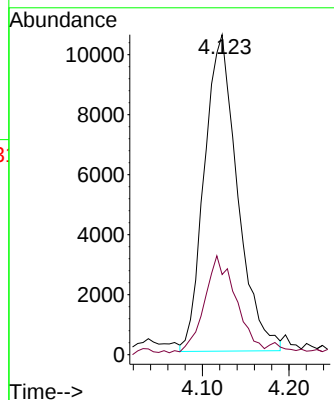
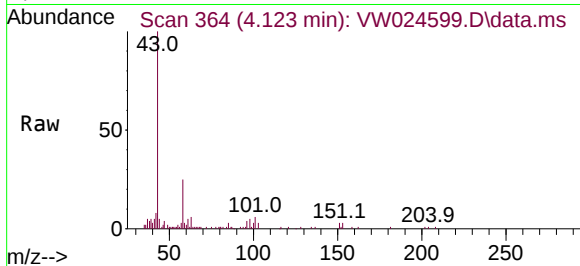




#13
Acetone
Concen: 37.817 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
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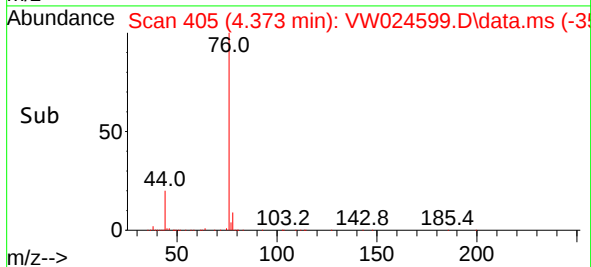
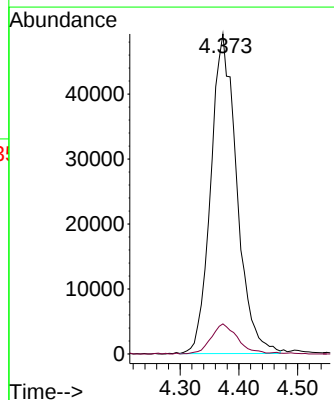
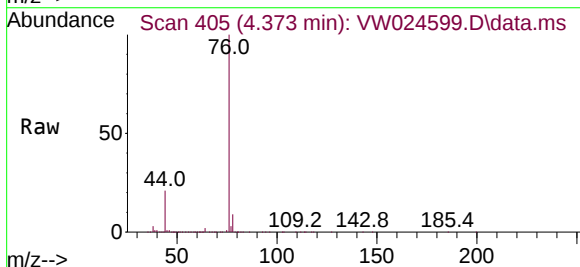
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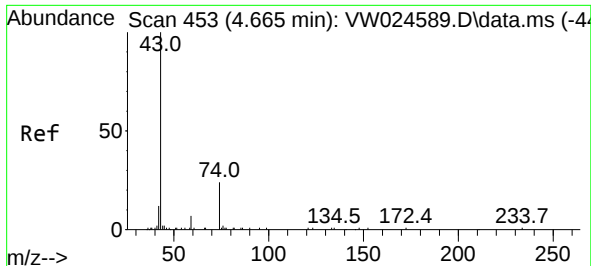
Tgt Ion: 43 Resp: 28060
Ion Ratio Lower Upper
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58 30.3 0.0 57.8



#14
Carbon disulfide
Concen: 19.121 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 151448
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

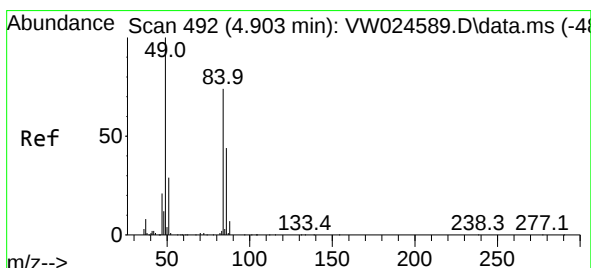
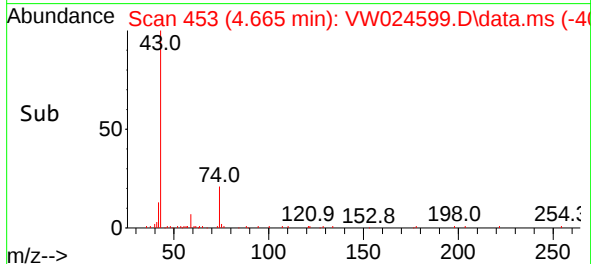
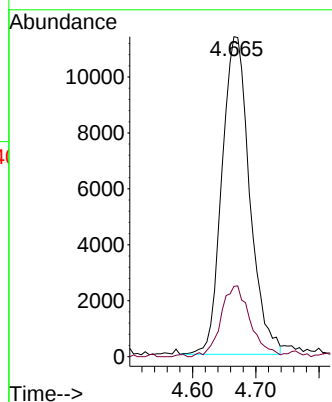
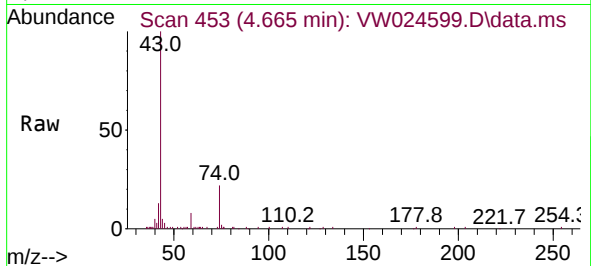




#15
Methyl Acetate
Concen: 22.016 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.000 min
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Acq: 12 Sep 2022 11:05

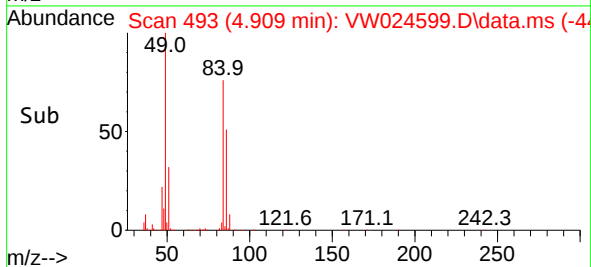
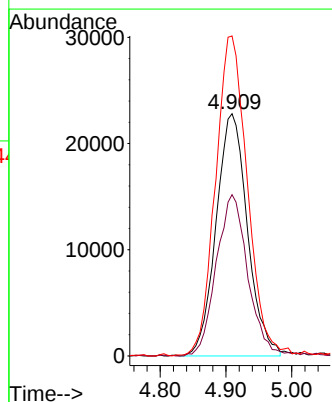
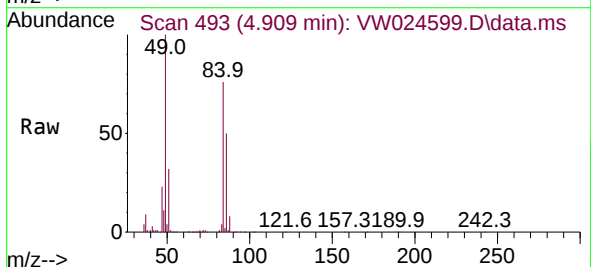
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

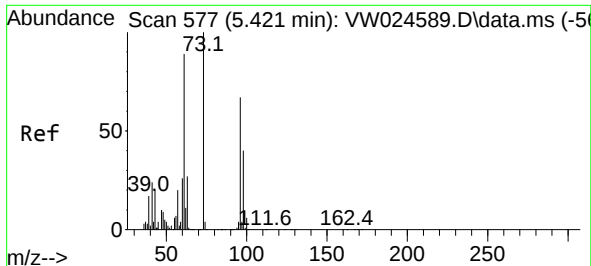
Tgt Ion: 43 Resp: 34527
Ion Ratio Lower Upper
43 100
74 23.3 19.9 29.9



#16
Methylene chloride
Concen: 19.361 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion: 84 Resp: 75643
Ion Ratio Lower Upper
84 100
86 66.6 44.4 82.5
49 132.1 88.5 164.3

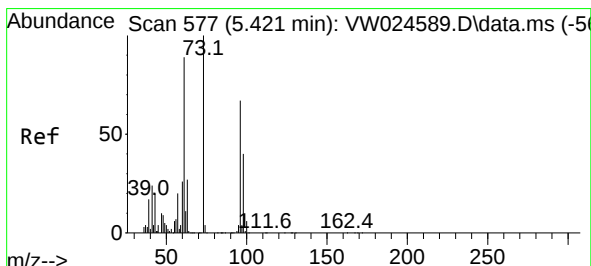
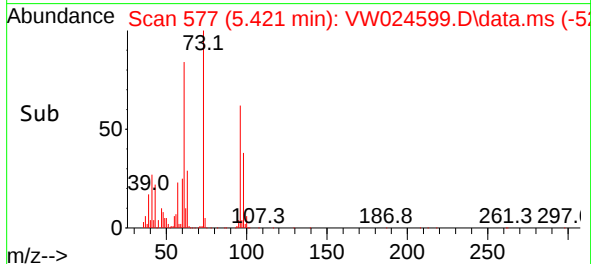
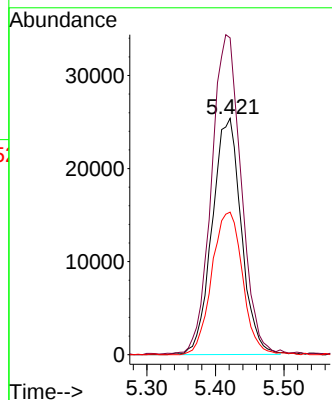
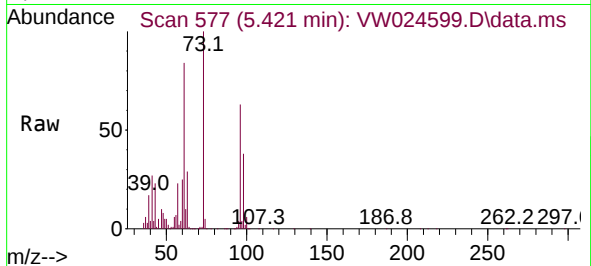




#17
trans-1,2-Dichloroethene
Concen: 21.817 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

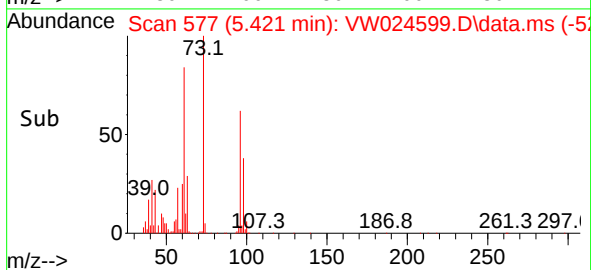
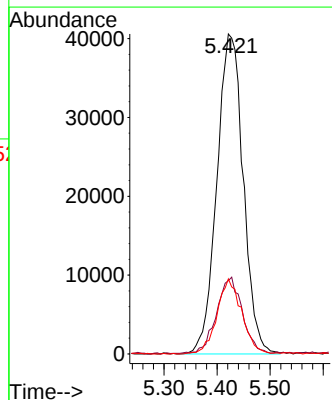
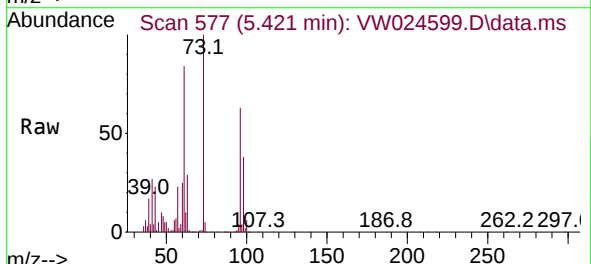
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

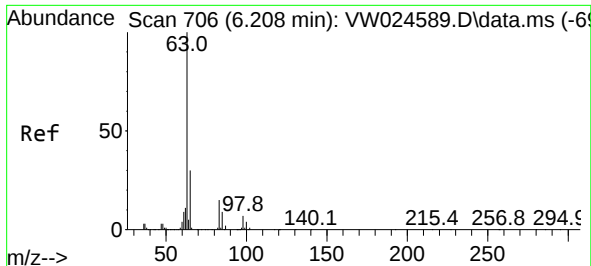
Tgt Ion: 96 Resp: 74810
Ion Ratio Lower Upper
96 100
61 134.1 91.7 170.3
98 60.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 22.927 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion: 73 Resp: 140008
Ion Ratio Lower Upper
73 100
43 23.1 16.7 25.1
57 22.1 16.8 25.2





#19

1,1-Dichloroethane

Concen: 22.901 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

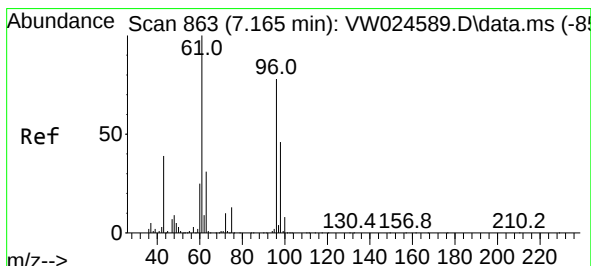
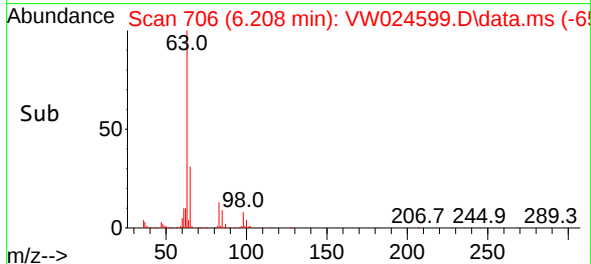
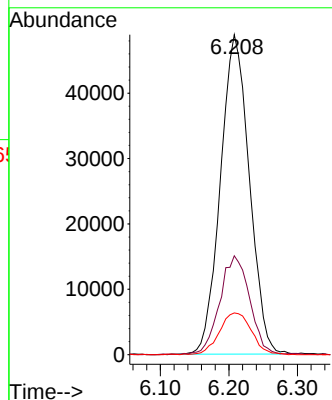
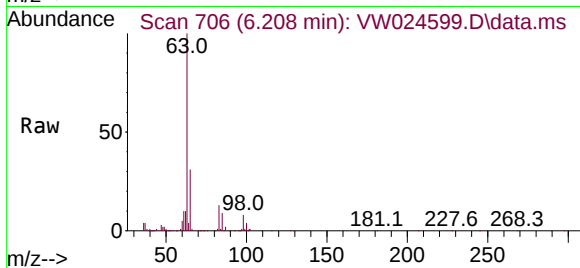
Tgt Ion: 63 Resp: 142871

Ion Ratio Lower Upper

63 100

65 30.9 22.0 41.0

83 13.1 9.5 17.7



#22

2-Butanone

Concen: 44.345 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024599.D

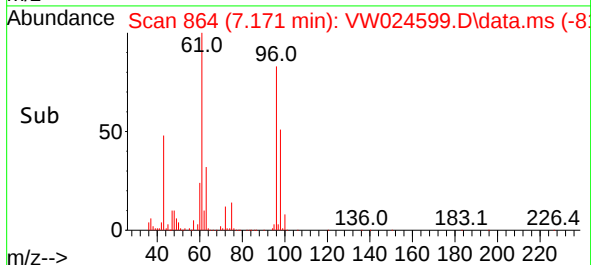
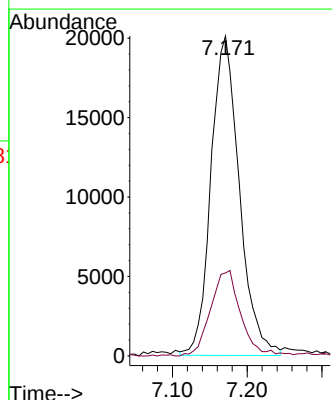
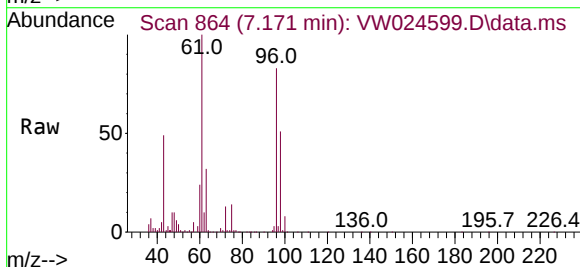
Acq: 12 Sep 2022 11:05

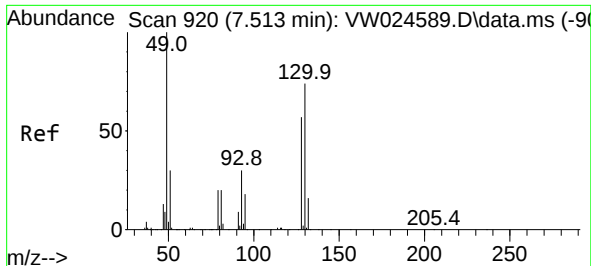
Tgt Ion: 43 Resp: 53223

Ion Ratio Lower Upper

43 100

72 27.7 15.4 46.4

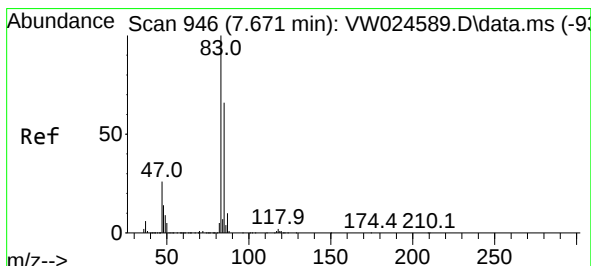
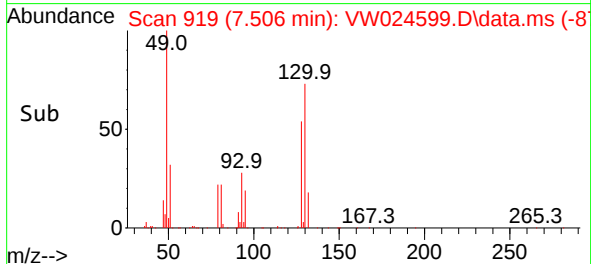
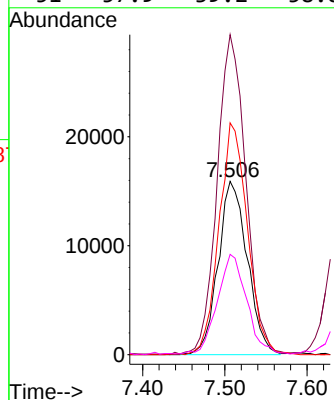
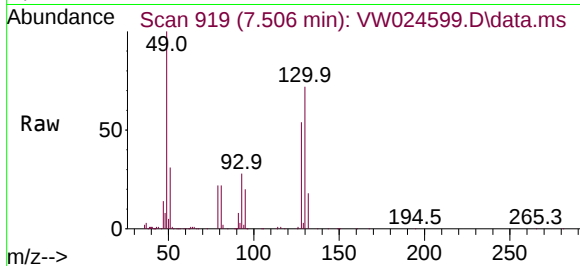




#23
Bromochloromethane
Concen: 22.229 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

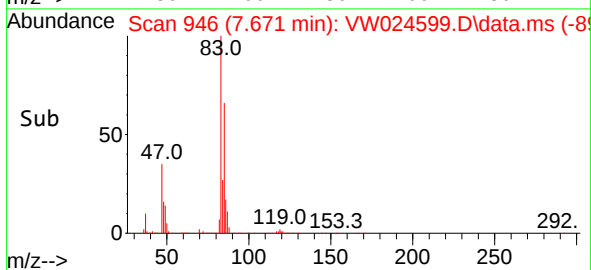
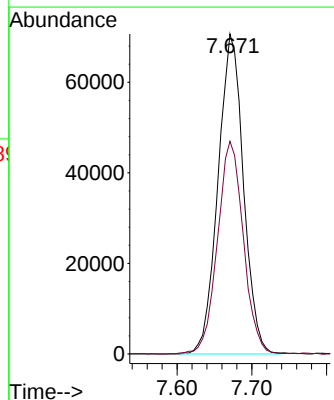
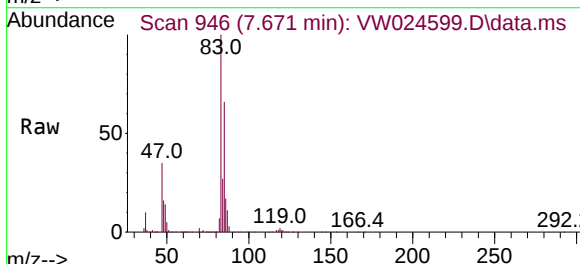
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

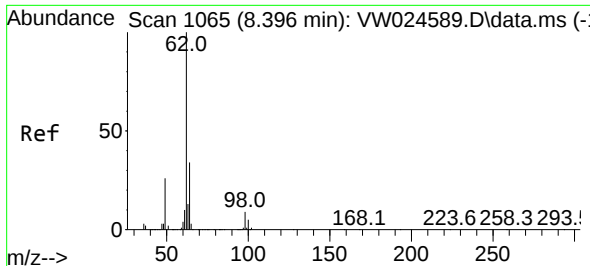
Tgt Ion:	128	Resp:	39156
Ion	Ratio	Lower	Upper
128	100		
49	184.7	110.0	204.2
130	133.8	88.3	163.9
51	57.9	39.2	58.8



#25
Chloroform
Concen: 24.083 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion:	83	Resp:	166902
Ion	Ratio	Lower	Upper
83	100		
85	66.5	46.4	86.2





#27

1,2-Dichloroethane

Concen: 28.714 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

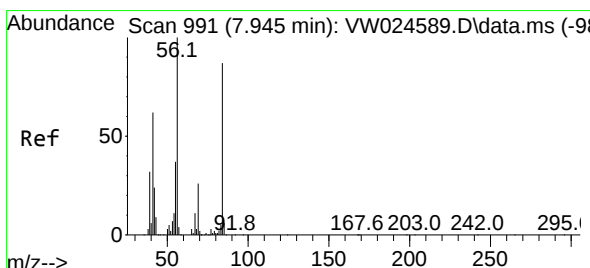
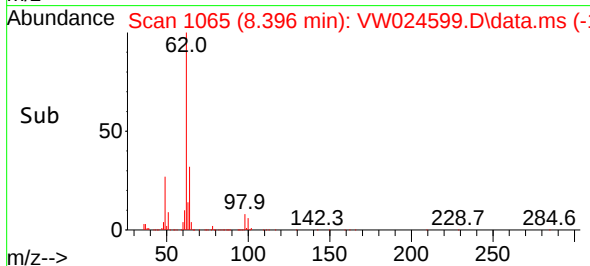
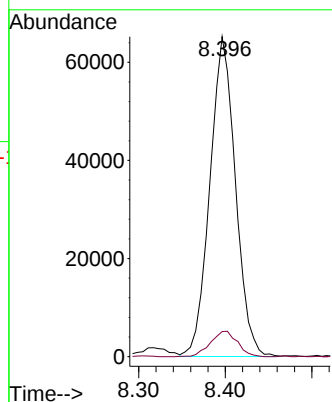
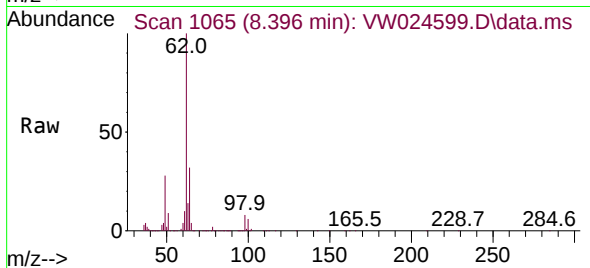
VSTD025568

Tgt Ion: 62 Resp: 133755

Ion Ratio Lower Upper

62 100

98 7.8 7.4 11.0



#29

Cyclohexane

Concen: 21.849 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

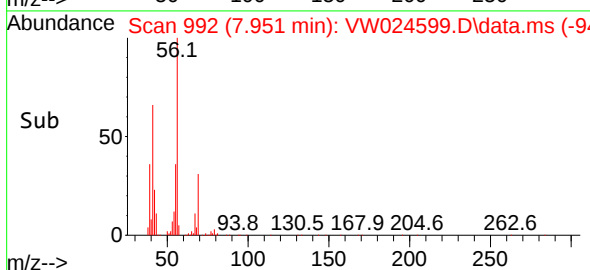
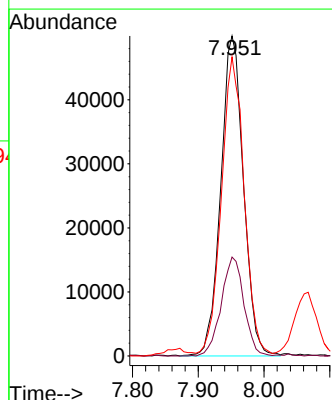
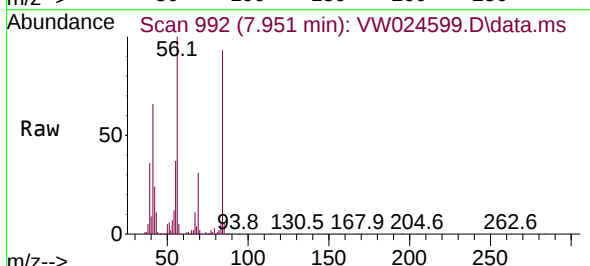
Tgt Ion: 56 Resp: 120109

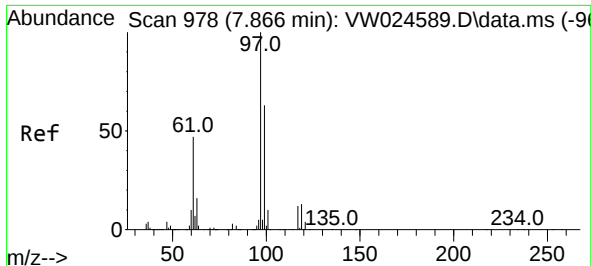
Ion Ratio Lower Upper

56 100

69 30.8 24.5 36.7

84 94.0 75.7 113.5

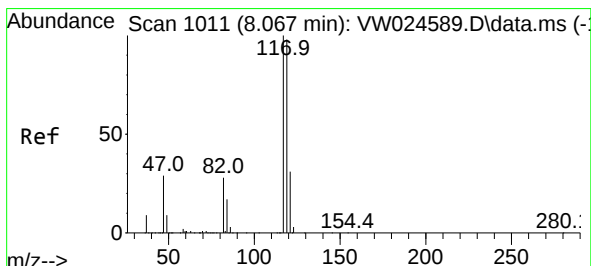
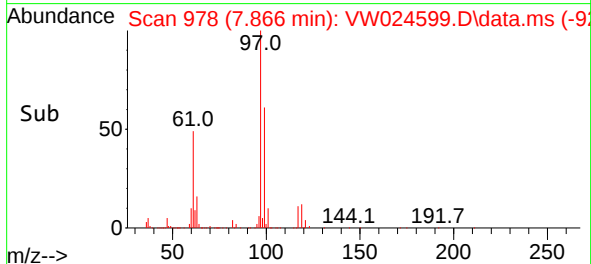
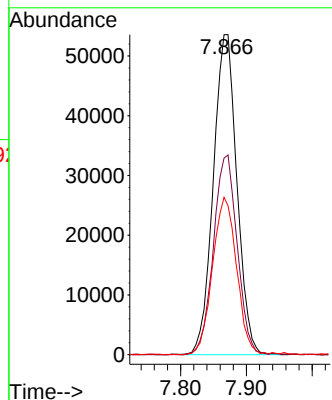
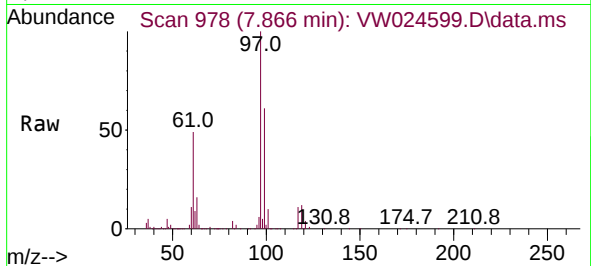




#30
1,1,1-Trichloroethane
Concen: 21.515 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

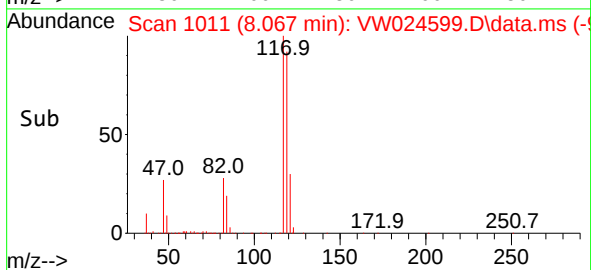
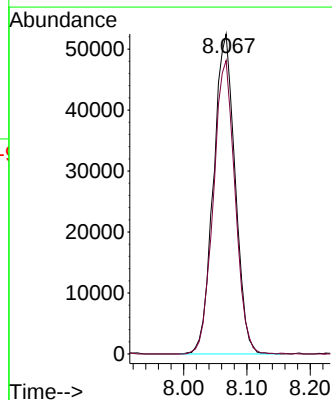
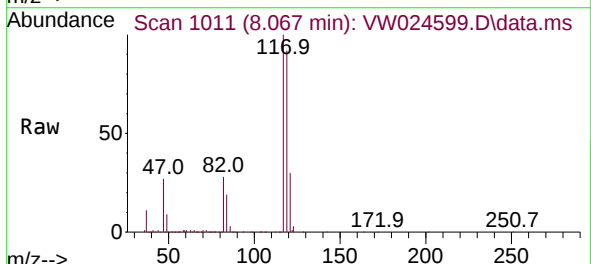
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

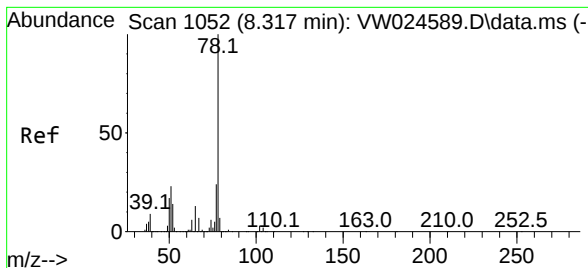
Tgt Ion: 97 Resp: 133979
Ion Ratio Lower Upper
97 100
99 62.6 51.5 77.3
61 50.0 37.2 55.8



#31
Carbon tetrachloride
Concen: 21.888 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion: 117 Resp: 124493
Ion Ratio Lower Upper
117 100
119 91.8 74.4 111.6





#33

Benzene

Concen: 24.935 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

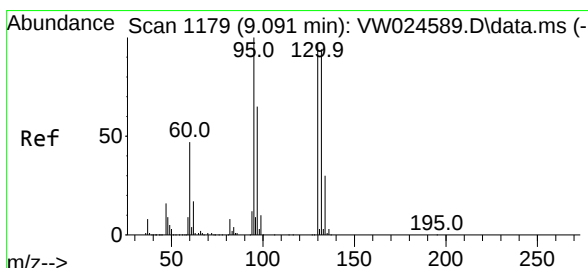
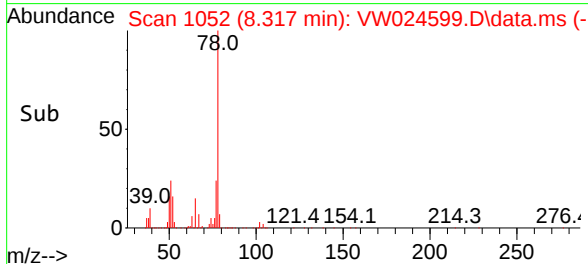
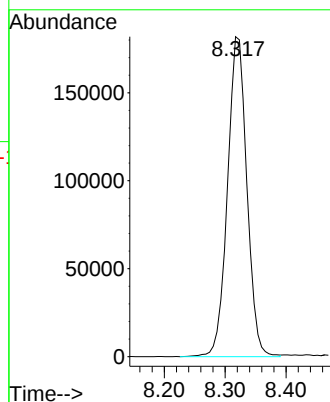
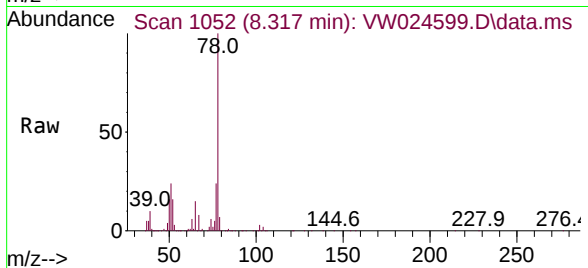
Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

Tgt Ion: 78 Resp: 401868



#34

Trichloroethene

Concen: 23.045 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Tgt Ion: 95 Resp: 97001

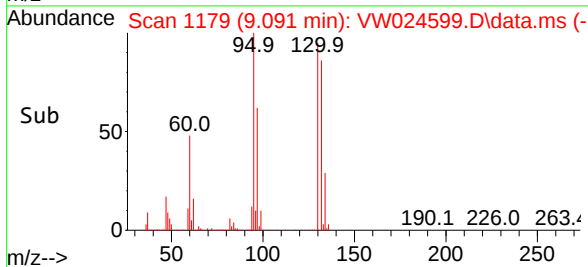
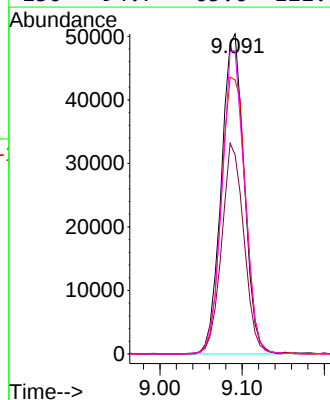
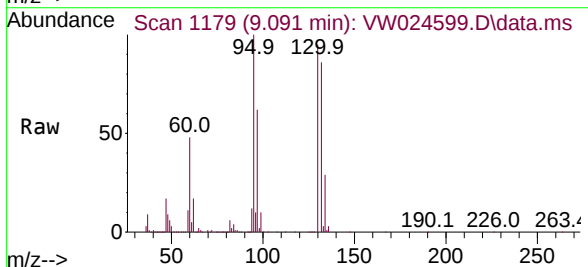
Ion Ratio Lower Upper

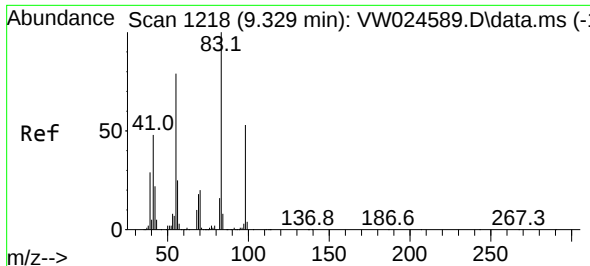
95 100

97 62.2 45.9 85.3

132 85.6 62.6 116.2

130 94.7 65.6 121.8

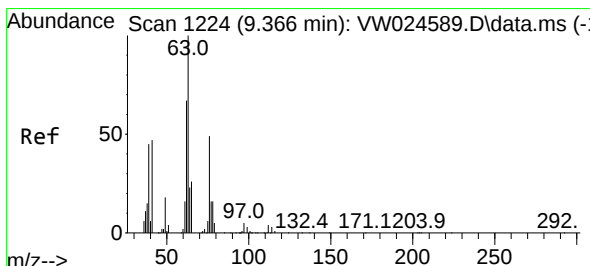
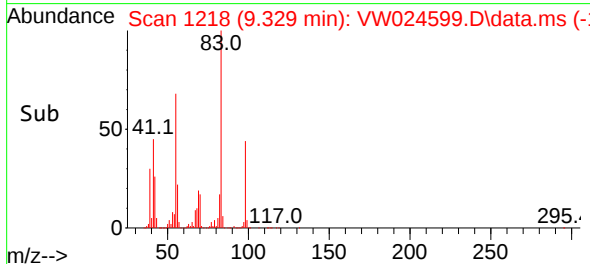
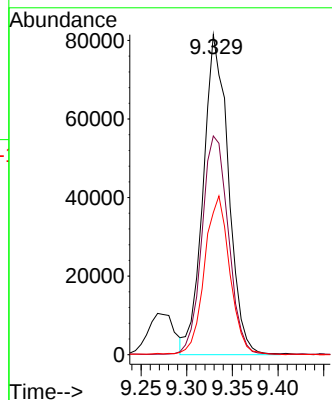
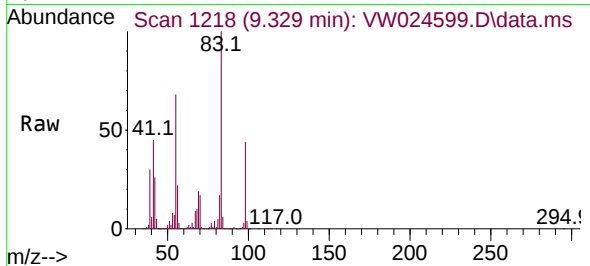




#35
Methylcyclohexane
Concen: 23.190 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

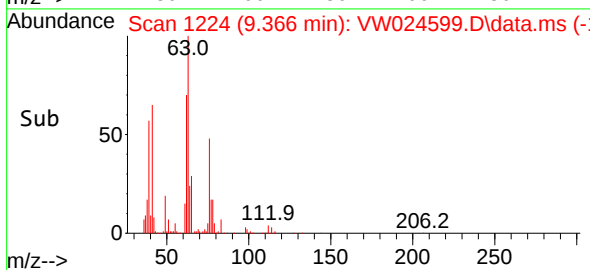
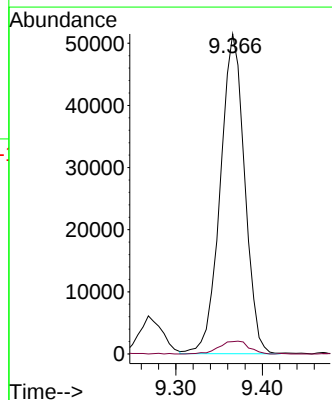
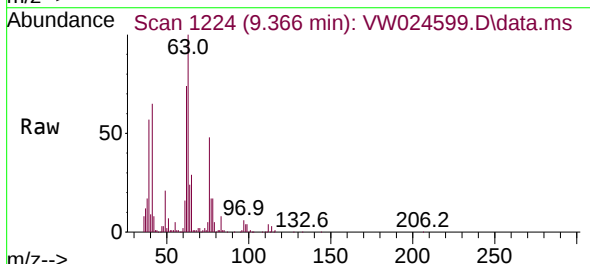
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

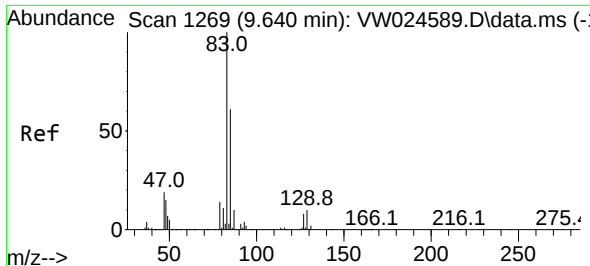
Tgt Ion: 83 Resp: 156171
Ion Ratio Lower Upper
83 100
55 71.8 57.3 85.9
98 49.7 40.4 60.6



#37
1,2-Dichloropropane
Concen: 24.945 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion: 63 Resp: 100407
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9

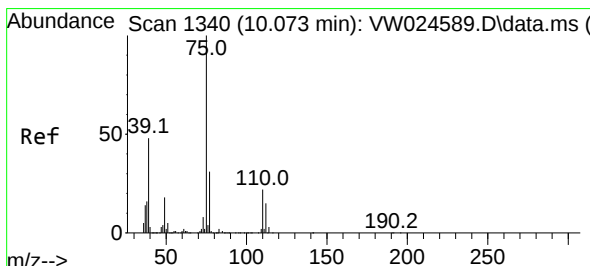
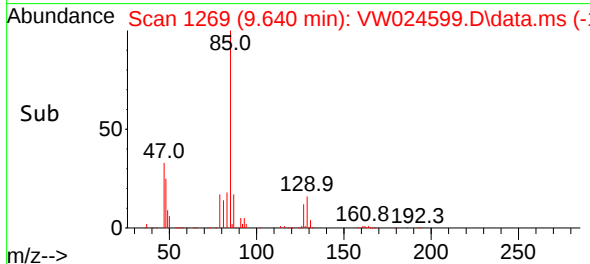
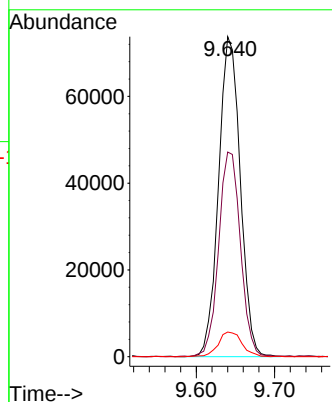
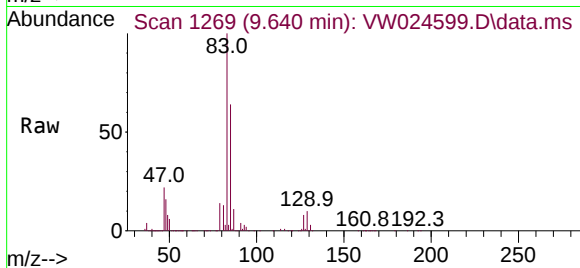




#38
Bromodichloromethane
Concen: 24.988 ug/L
RT: 9.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

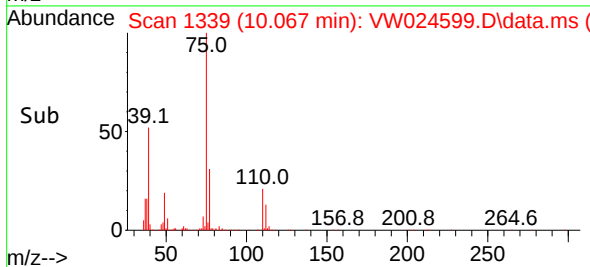
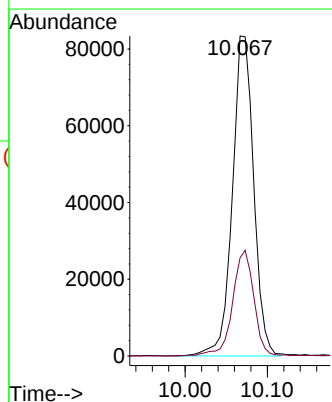
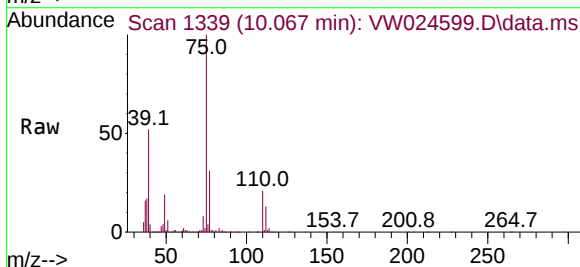
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

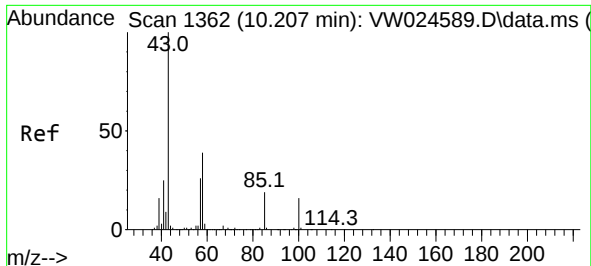
Tgt Ion: 83 Resp: 142152
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9
127 7.7 7.3 10.9



#39
cis-1,3-Dichloropropene
Concen: 25.544 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. -0.006 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion: 75 Resp: 150330
Ion Ratio Lower Upper
75 100
77 30.6 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 51.015 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

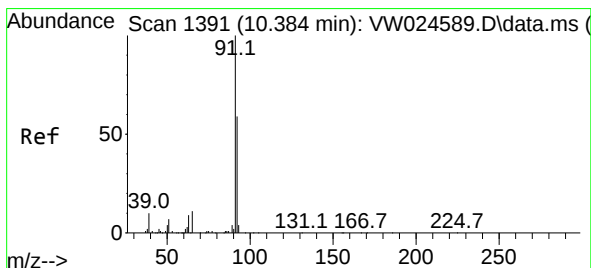
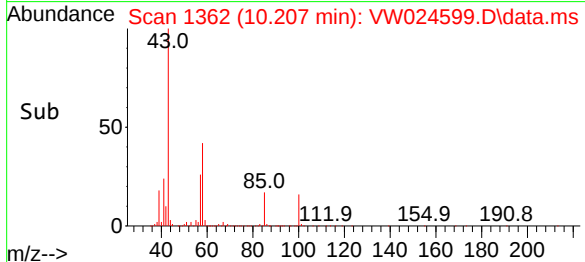
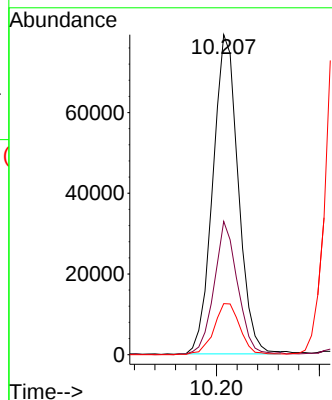
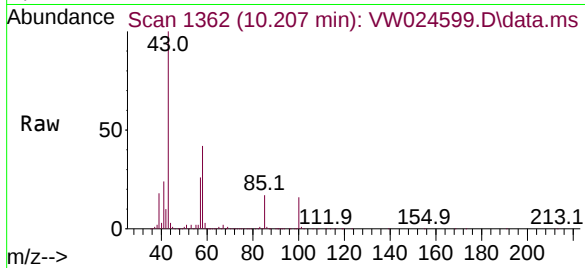
Tgt Ion: 43 Resp: 135453

Ion Ratio Lower Upper

43 100

58 38.8 30.9 46.3

100 16.4 13.3 19.9



#42

Toluene

Concen: 27.578 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024599.D

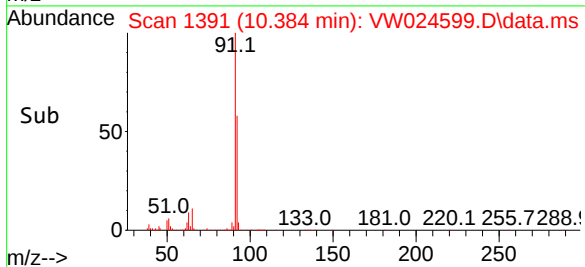
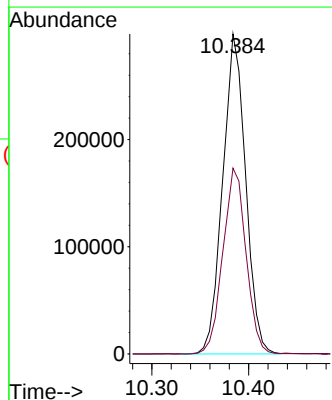
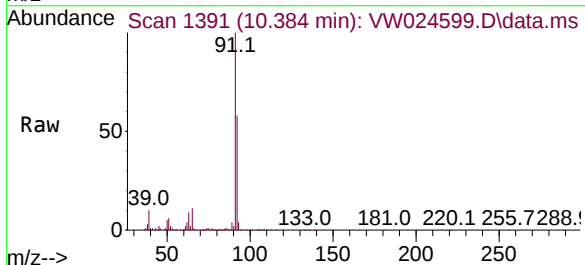
Acq: 12 Sep 2022 11:05

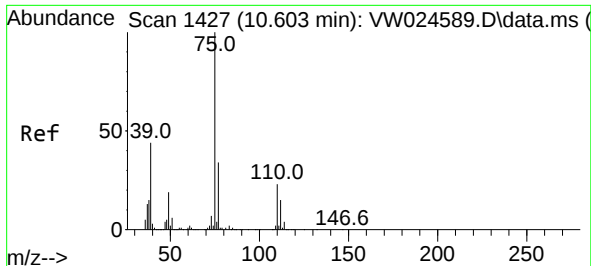
Tgt Ion: 91 Resp: 489995

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8

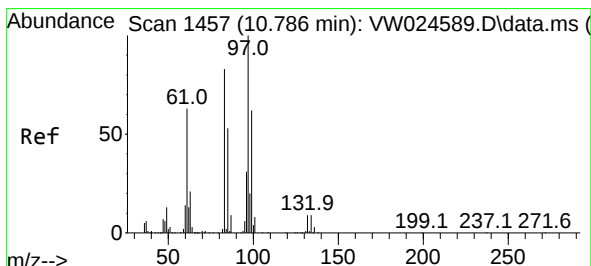
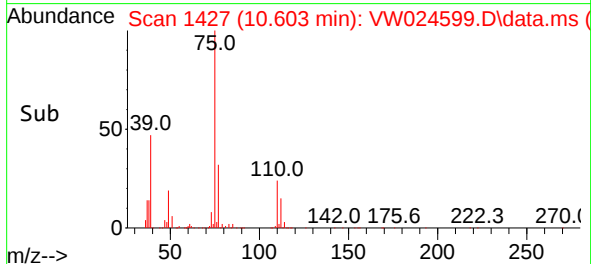
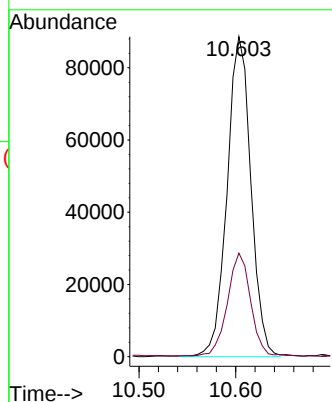
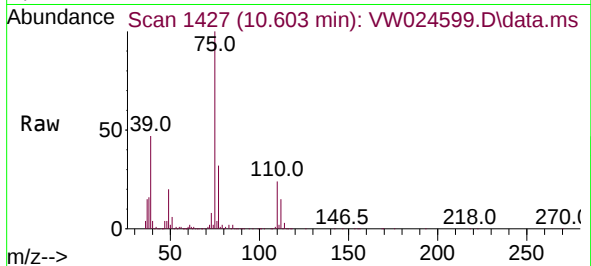




#44
trans-1,3-Dichloropropene
Concen: 27.255 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

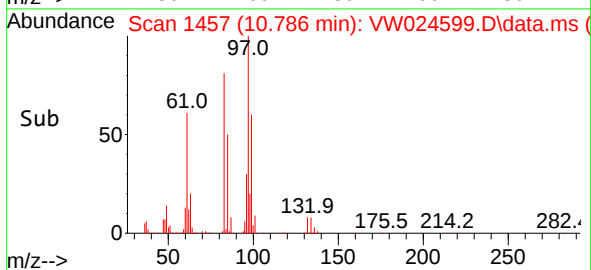
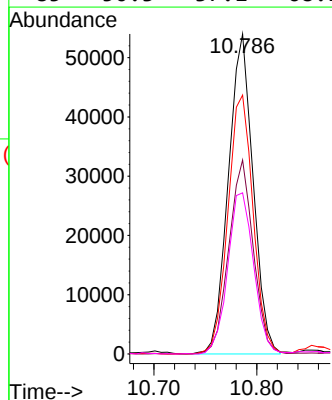
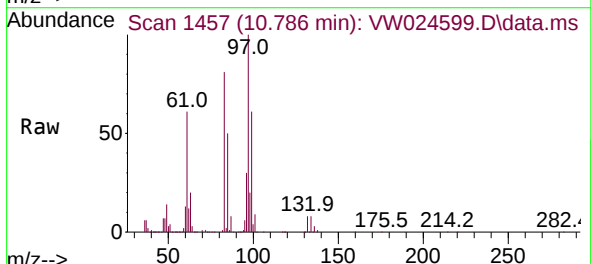
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

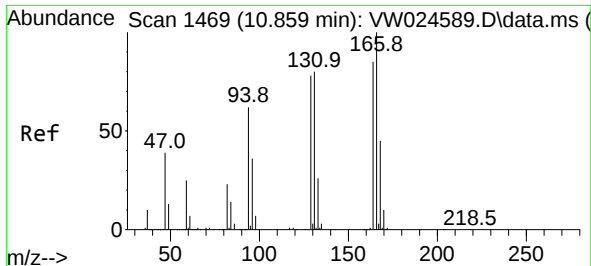
Tgt Ion: 75 Resp: 151510
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 26.797 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion: 97 Resp: 90144
Ion Ratio Lower Upper
97 100
99 60.6 41.9 77.9
83 80.9 58.2 108.0
85 50.3 37.1 68.9

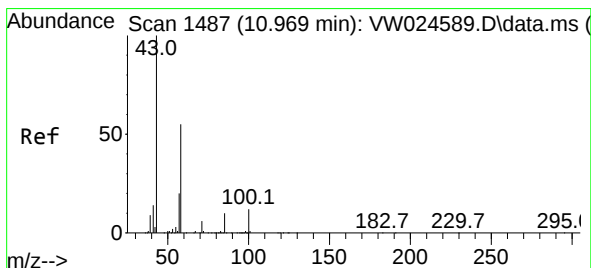
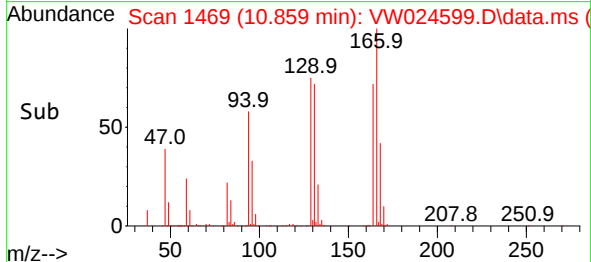
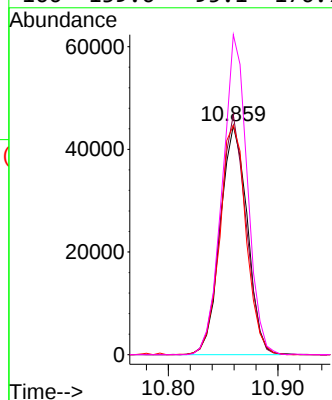
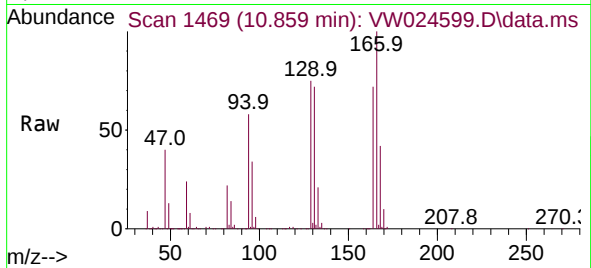




#46
Tetrachloroethene
Concen: 24.589 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

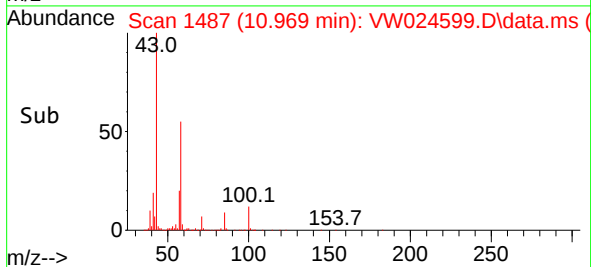
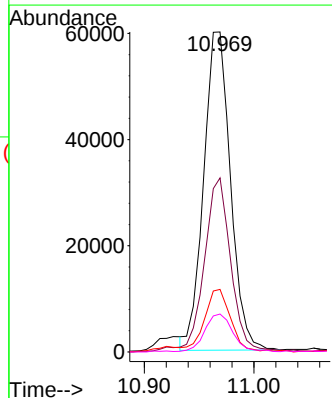
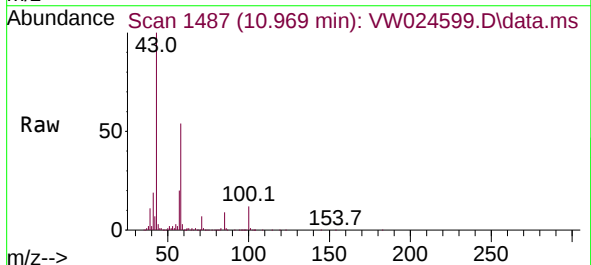
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

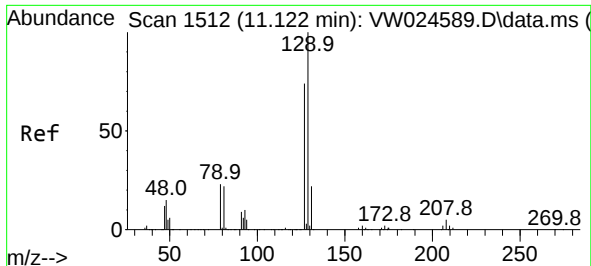
Tgt Ion:	164	Resp:	76261
Ion	Ratio	Lower	Upper
164	100		
129	104.6	75.0	139.2
131	100.1	70.1	130.1
166	139.6	95.1	176.7



#48
2-Hexanone
Concen: 56.026 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion:	43	Resp:	102015
Ion	Ratio	Lower	Upper
43	100		
58	53.5	43.7	65.5
57	19.0	15.3	22.9
100	12.5	11.2	16.8





#49

Dibromochloromethane

Concen: 27.407 ug/L

RT: 11.128 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

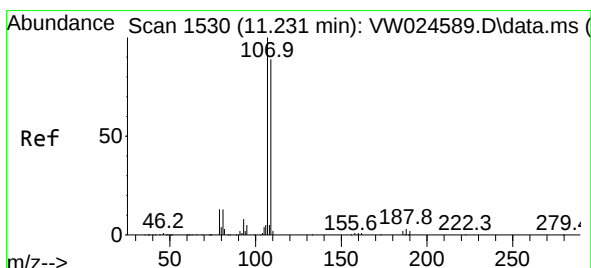
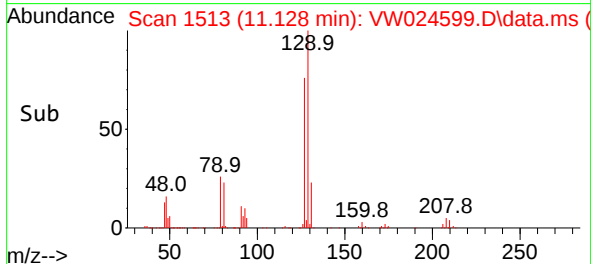
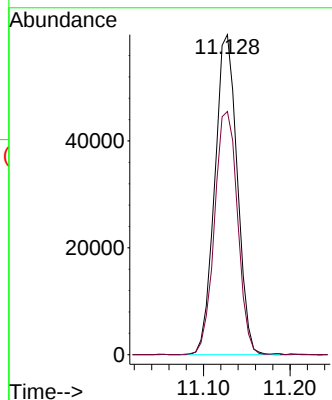
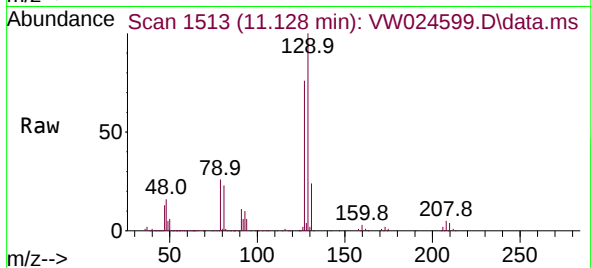
VSTD025568

Tgt Ion:129 Resp: 107780

Ion Ratio Lower Upper

129 100

127 76.0 56.1 104.1



#50

1,2-Dibromoethane

Concen: 25.606 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

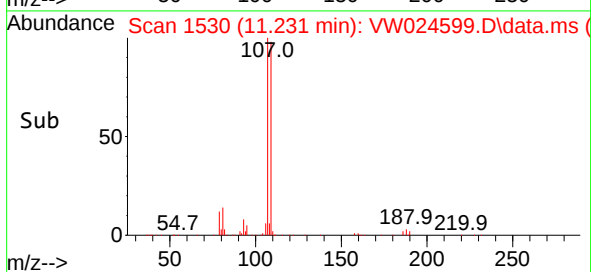
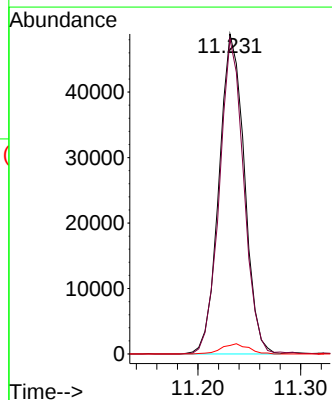
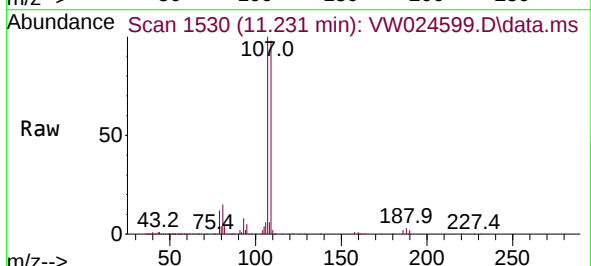
Tgt Ion:107 Resp: 83602

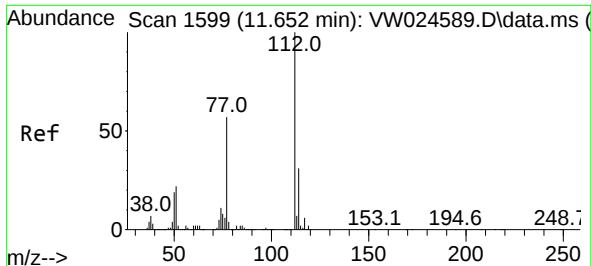
Ion Ratio Lower Upper

107 100

109 98.4 64.5 119.9

188 2.7 3.0 4.4#

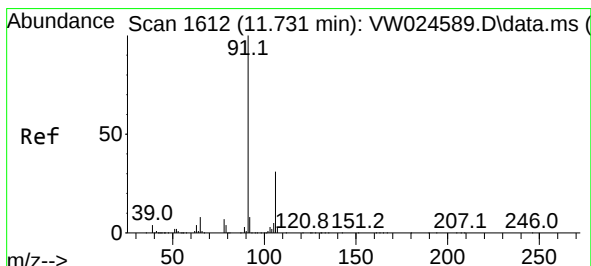
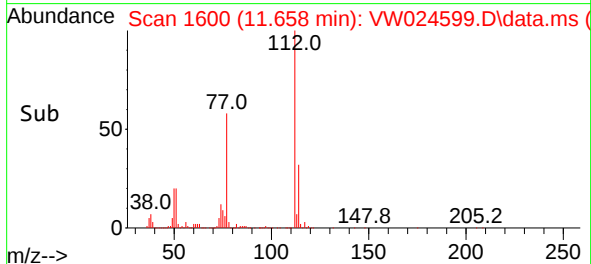
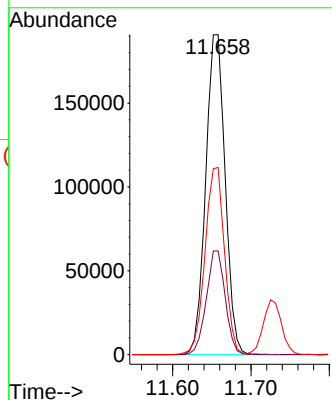
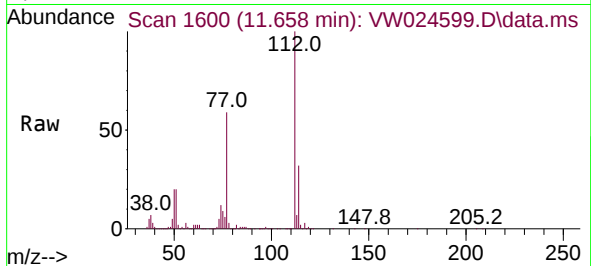




#51
Chlorobenzene
Concen: 26.753 ug/L
RT: 11.658 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

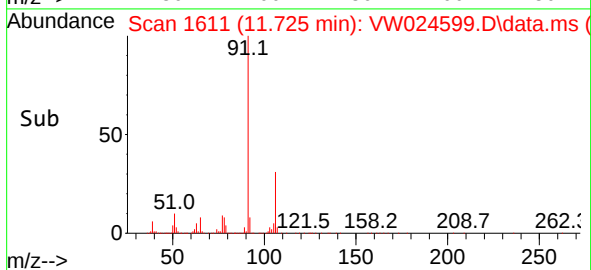
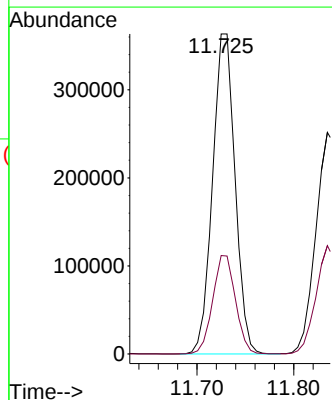
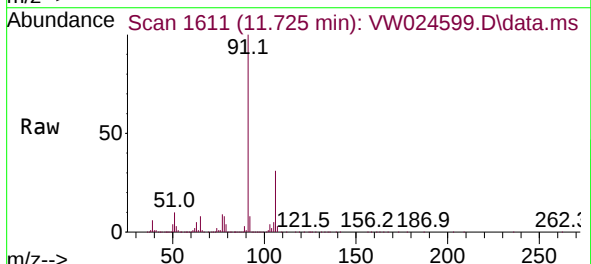
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

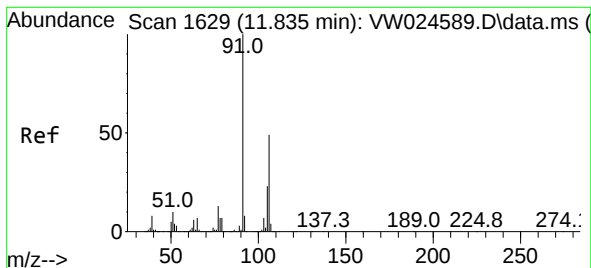
Tgt Ion:112 Resp: 328384
Ion Ratio Lower Upper
112 100
114 32.4 20.0 37.2
77 58.5 42.6 63.8



#52
Ethylbenzene
Concen: 29.139 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion: 91 Resp: 587819
Ion Ratio Lower Upper
91 100
106 30.8 23.8 44.2

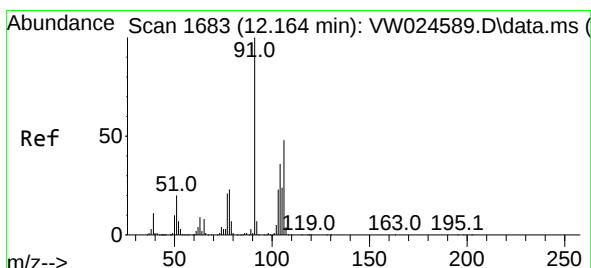
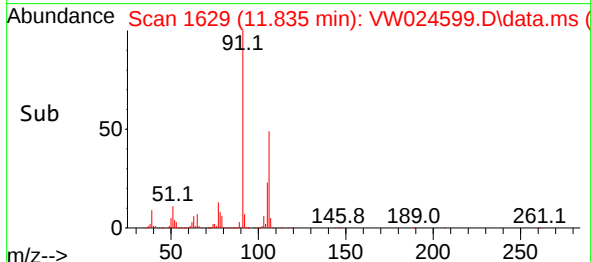
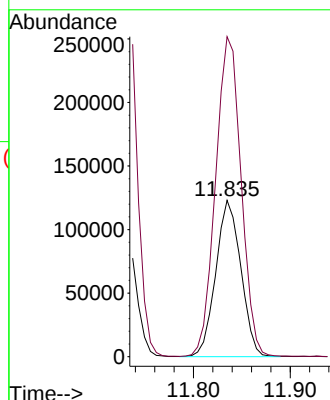
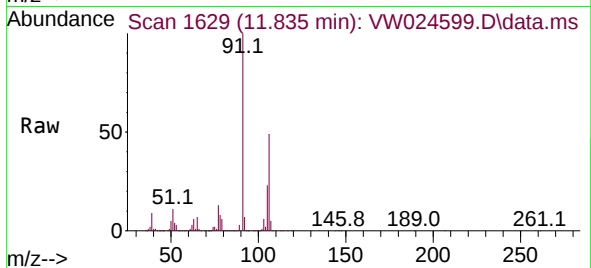




#53
m,p-Xylene
Concen: 28.093 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

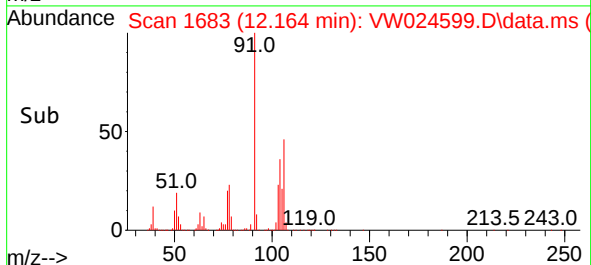
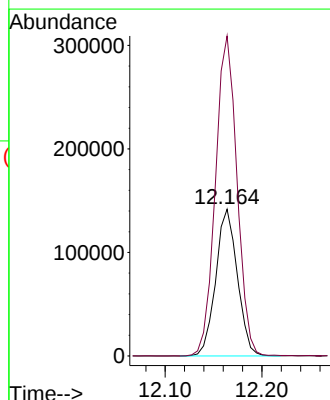
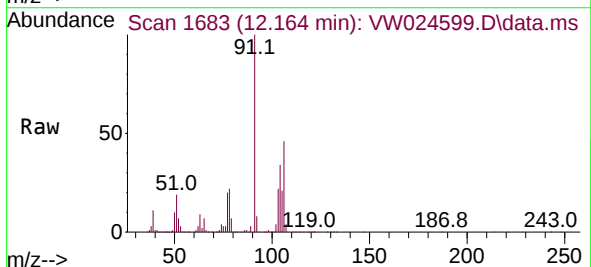
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

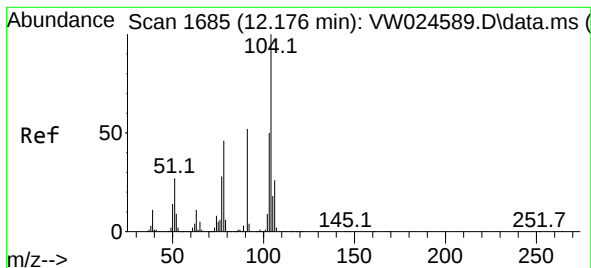
Tgt Ion:106 Resp: 221416
Ion Ratio Lower Upper
106 100
91 204.7 131.3 243.8



#54
o-Xylene
Concen: 29.312 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion:106 Resp: 219952
Ion Ratio Lower Upper
106 100
91 218.2 148.7 276.3





#55

Styrene

Concen: 31.142 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

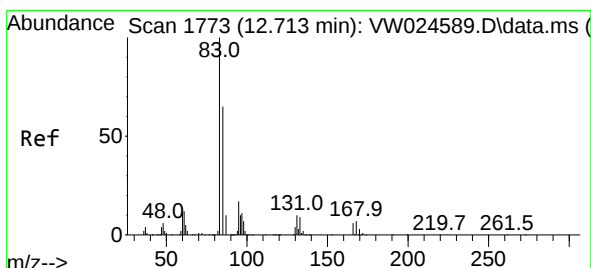
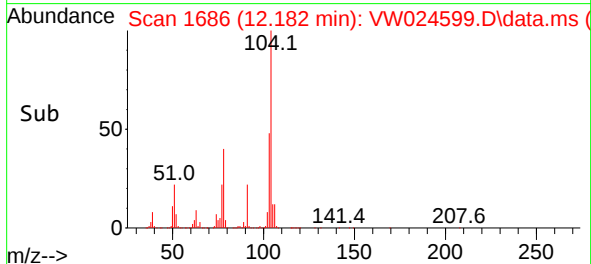
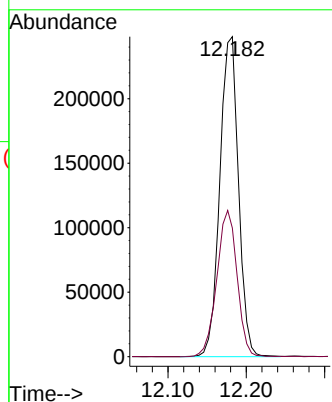
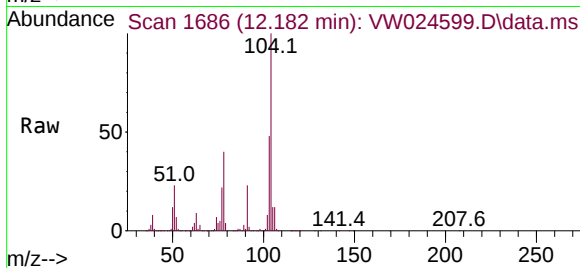
VSTD025568

Tgt Ion:104 Resp: 411333

Ion Ratio Lower Upper

104 100

78 40.2 33.0 61.4



#57

1,1,2,2-Tetrachloroethane

Concen: 29.249 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

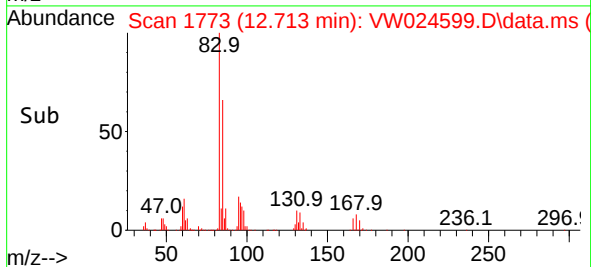
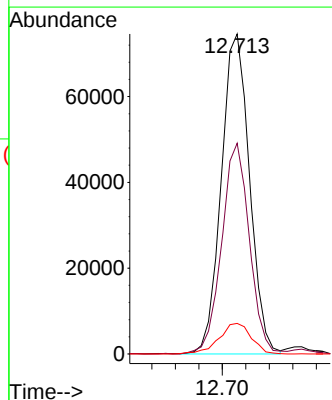
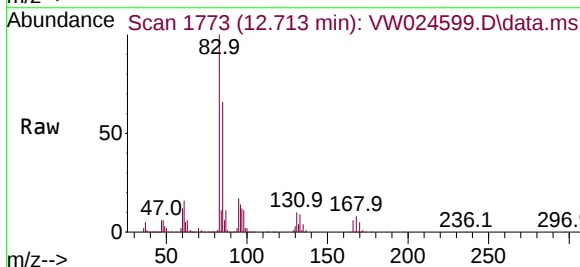
Tgt Ion: 83 Resp: 124568

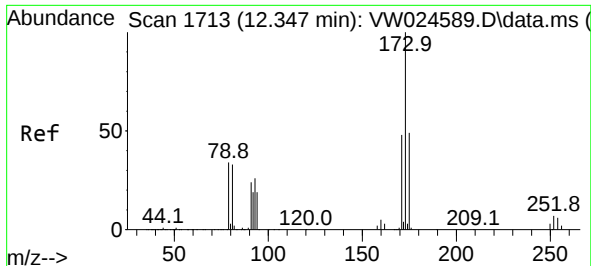
Ion Ratio Lower Upper

83 100

85 65.9 45.6 84.8

131 9.6 9.0 13.4

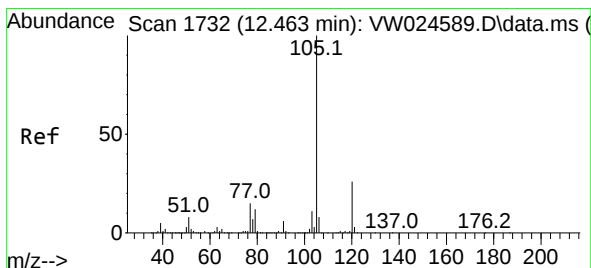
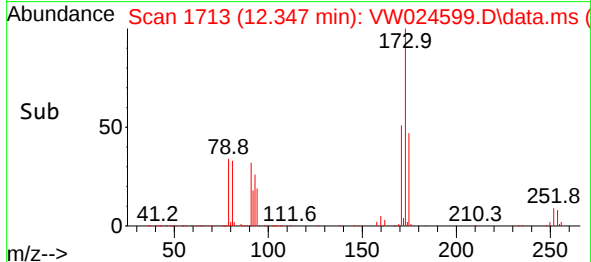
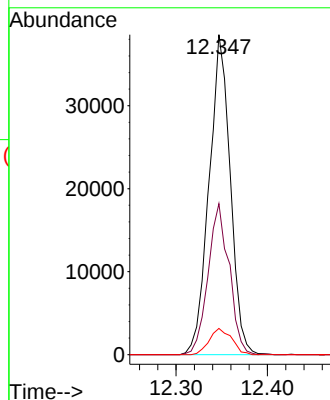
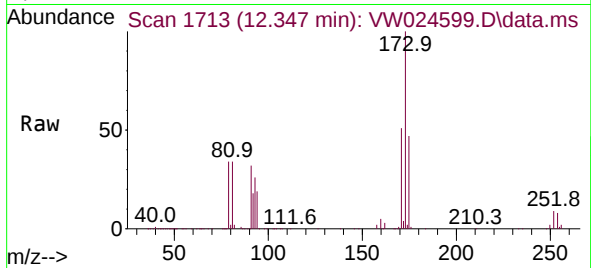




#59
Bromoform
Concen: 26.106 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

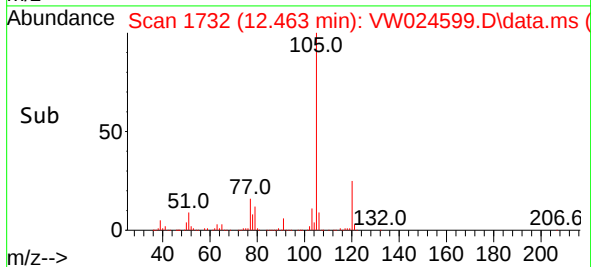
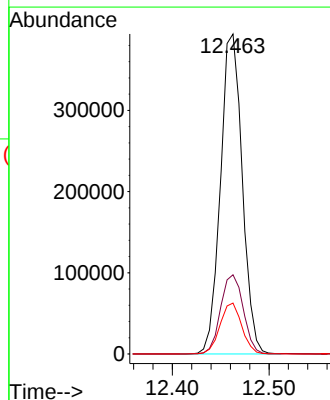
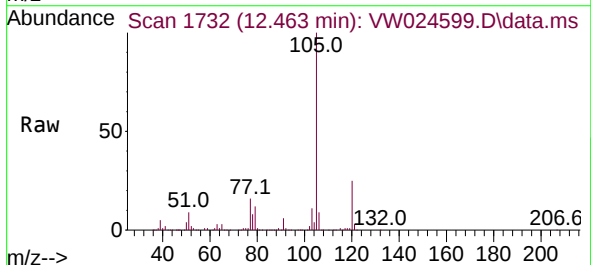
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

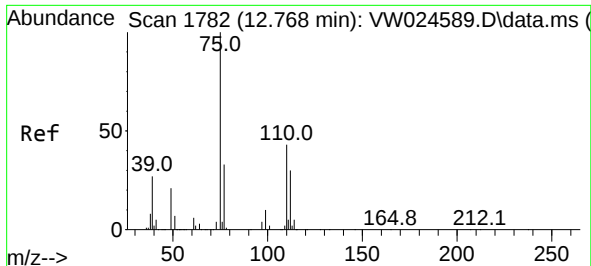
Tgt Ion:173 Resp: 62018
Ion Ratio Lower Upper
173 100
175 46.9 40.5 60.7
254 8.7 6.4 9.6



#60
Isopropylbenzene
Concen: 27.807 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion:105 Resp: 615349
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 15.9 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 25.094 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

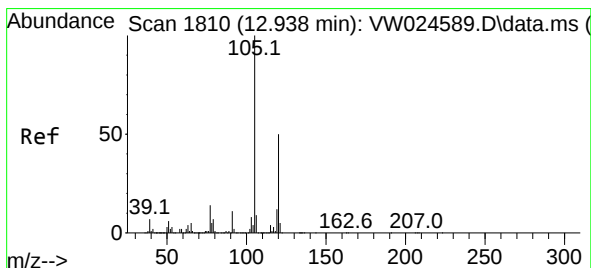
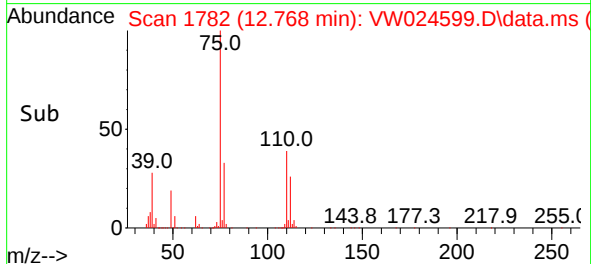
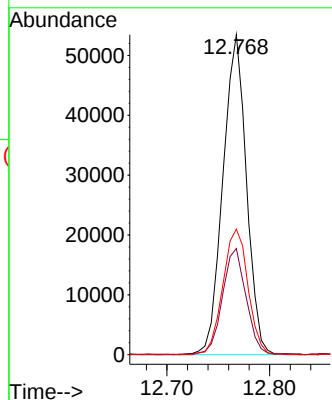
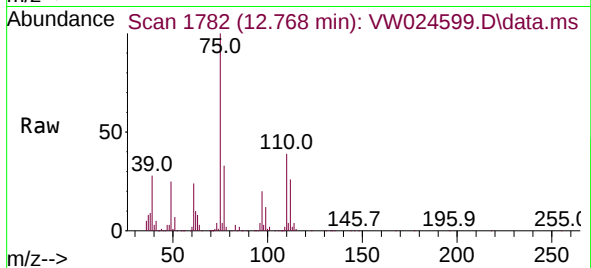
Tgt Ion: 75 Resp: 84851

Ion Ratio Lower Upper

75 100

77 33.5 26.8 40.2

110 41.9 33.8 50.8



#62

1,3,5-Trimethylbenzene

Concen: 27.840 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024599.D

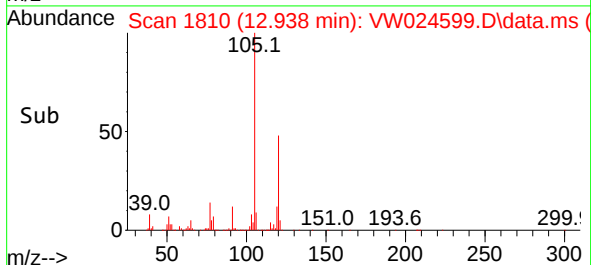
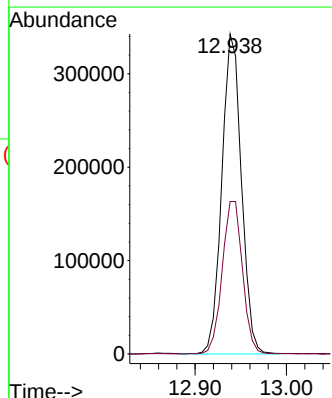
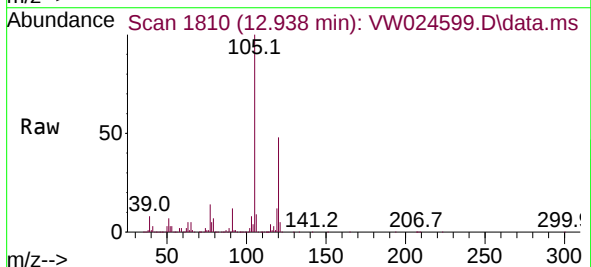
Acq: 12 Sep 2022 11:05

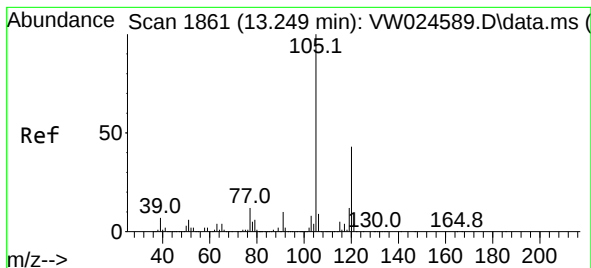
Tgt Ion:105 Resp: 511588

Ion Ratio Lower Upper

105 100

120 49.3 39.5 59.3





#63

1,2,4-Trimethylbenzene

Concen: 27.930 ug/L

RT: 13.249 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

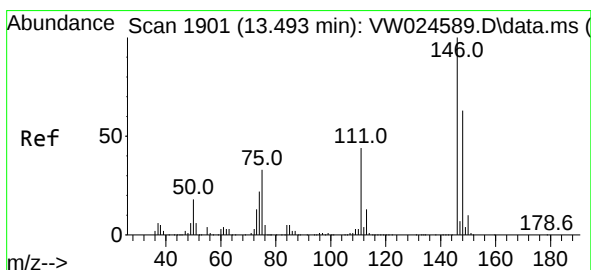
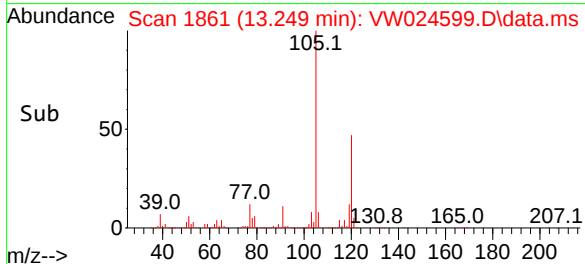
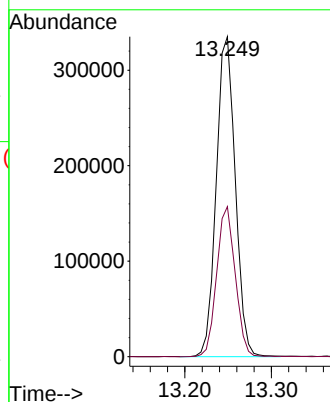
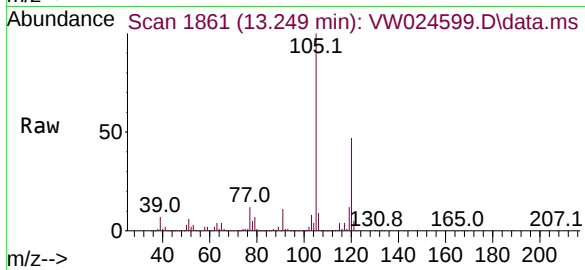
VSTD025568

Tgt Ion:105 Resp: 510814

Ion Ratio Lower Upper

105 100

120 45.7 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 26.881 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

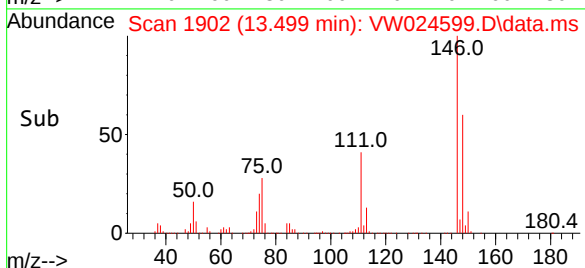
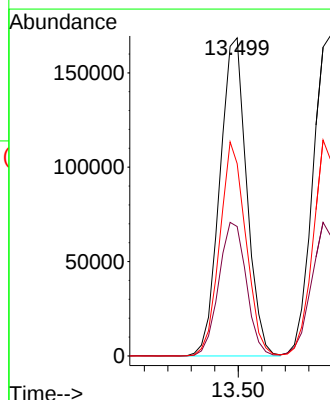
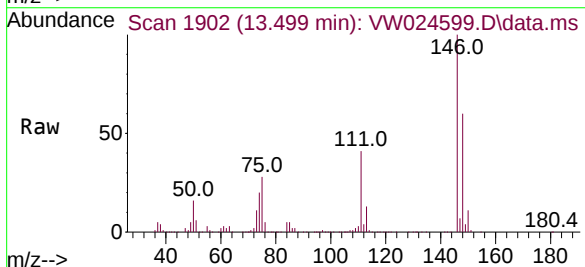
Tgt Ion:146 Resp: 268031

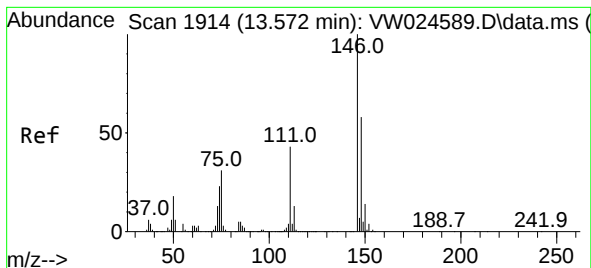
Ion Ratio Lower Upper

146 100

111 40.7 28.3 52.5

148 60.5 42.2 78.4

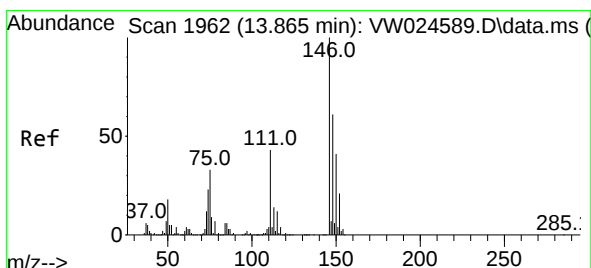
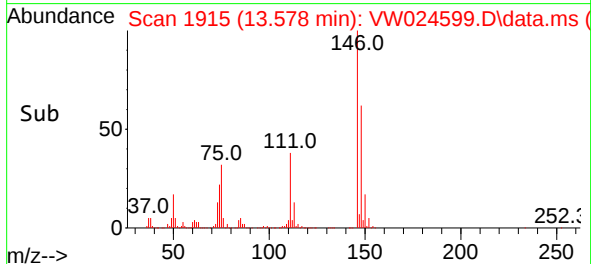
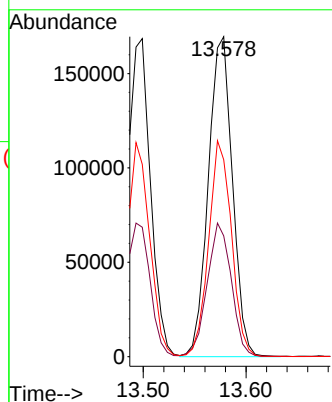
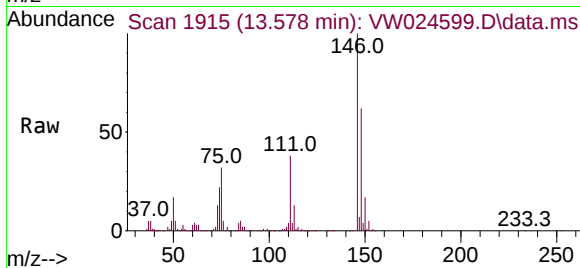




#65
1,4-Dichlorobenzene
Concen: 26.272 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

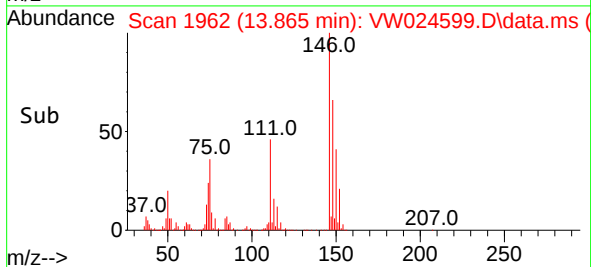
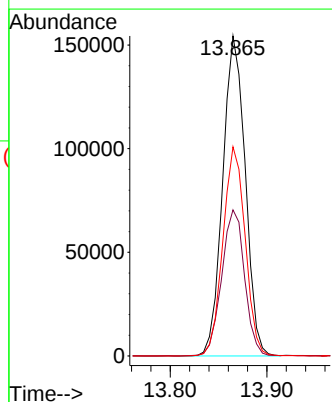
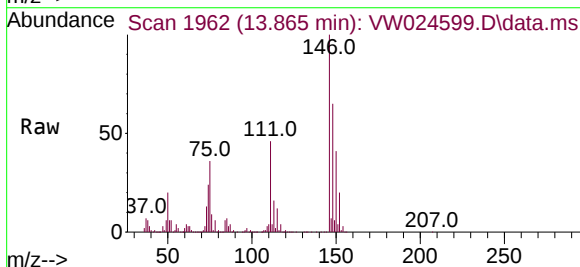
Instrument :
MSVOA_W
ClientSampleId :
VSTD025568

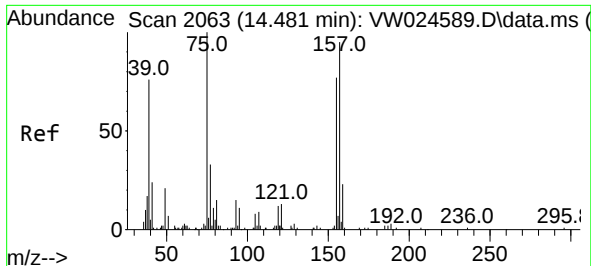
Tgt Ion:146 Resp: 276114
Ion Ratio Lower Upper
146 100
111 37.8 29.3 54.3
148 61.6 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 26.833 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024599.D
Acq: 12 Sep 2022 11:05

Tgt Ion:146 Resp: 249502
Ion Ratio Lower Upper
146 100
111 45.6 32.2 48.4
148 65.4 48.3 72.5





#68

1,2-Dibromo-3-chloropropane

Concen: 23.197 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

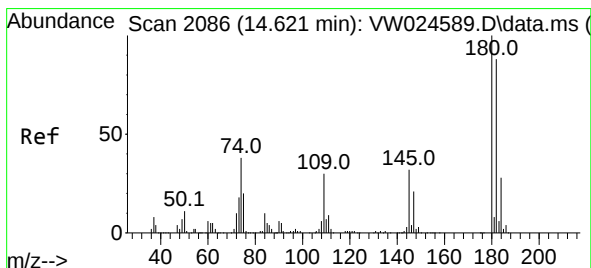
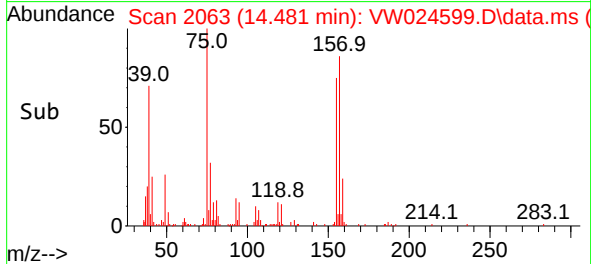
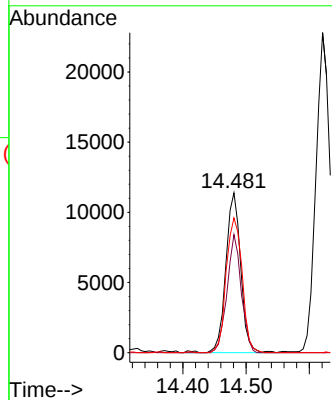
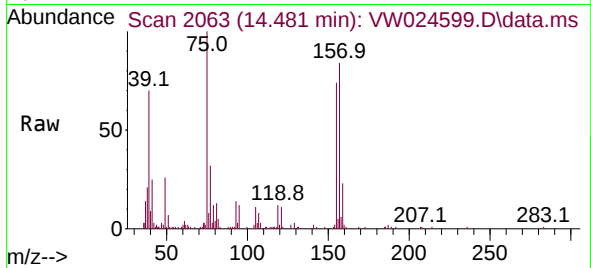
Tgt Ion: 75 Resp: 18559

Ion Ratio Lower Upper

75 100

155 73.9 66.3 99.5

157 84.3 77.6 116.4



#69

1,3,5-Trichlorobenzene

Concen: 25.577 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Tgt Ion:180 Resp: 165643

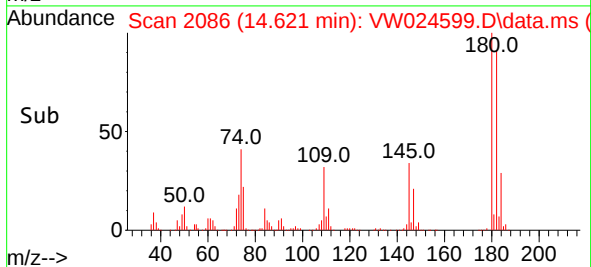
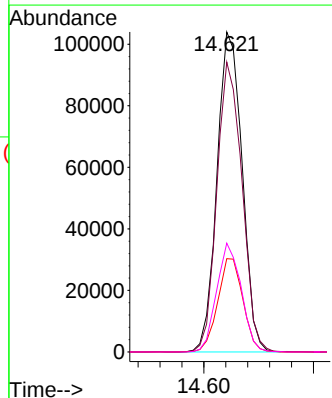
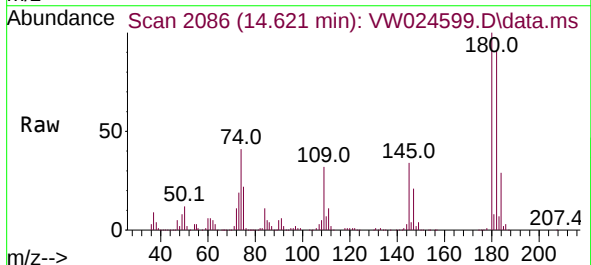
Ion Ratio Lower Upper

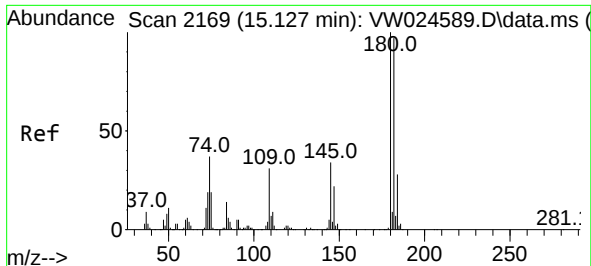
180 100

182 90.6 72.4 108.6

184 29.3 22.8 34.2

145 33.2 26.2 39.2





#70

1,2,4-trichlorobenzene

Concen: 24.342 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD025568

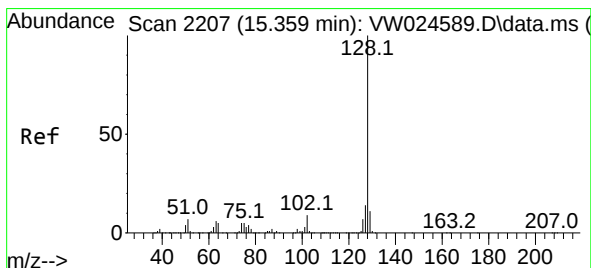
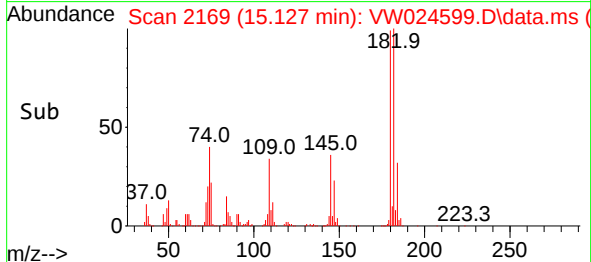
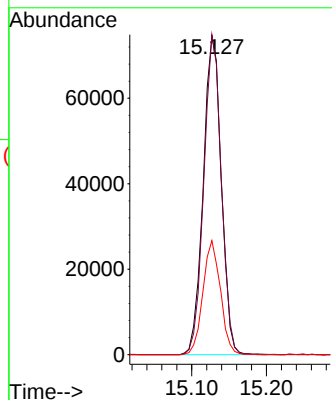
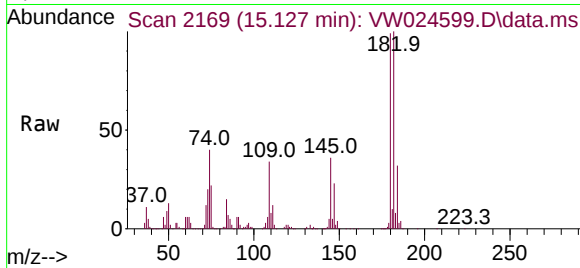
Tgt Ion:180 Resp: 125091

Ion Ratio Lower Upper

180 100

182 97.2 73.8 110.6

145 34.7 26.6 39.8



#71

Naphthalene

Concen: 25.803 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024599.D

Acq: 12 Sep 2022 11:05

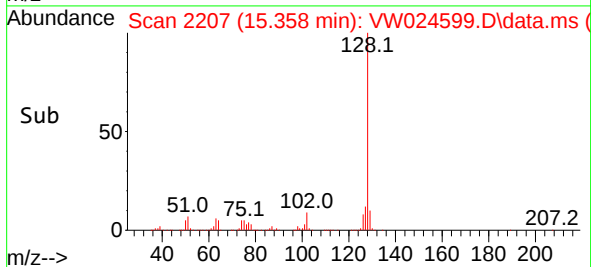
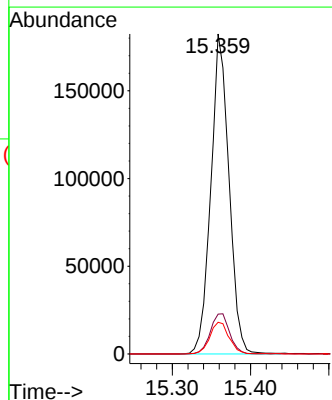
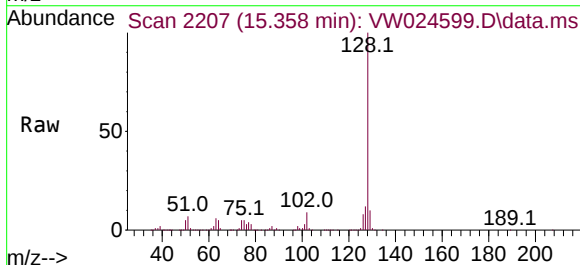
Tgt Ion:128 Resp: 293369

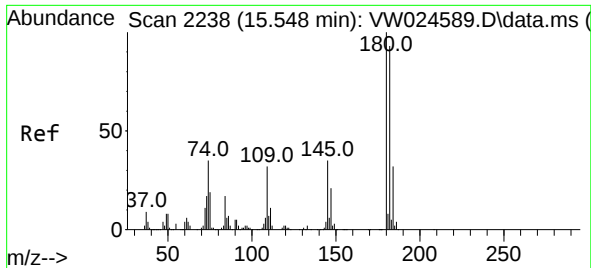
Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.5 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 23.647 ug/L
 RT: 15.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW024599.D
 Acq: 12 Sep 2022 11:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Tgt Ion:180 Resp: 113054
 Ion Ratio Lower Upper
 180 100
 182 101.0 78.7 118.1
 145 38.4 28.1 42.1

