

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024084.D
 Acq On : 25 Jul 2022 21:52
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

Quant Time: Jul 26 01:35:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	218934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	238752	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	145423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	126953	27.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.200%
7) Chloroethane-d5	2.873	69	79655	25.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.480%
11) 1,1-Dichloroethene-d2	4.007	63	93675	22.670	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.680%
21) 2-Butanone-d5	7.080	46	38852	46.583	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.160%
24) Chloroform-d	7.647	84	137468	22.839	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.360%
26) 1,2-Dichloroethane-d4	8.305	65	81131	23.462	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.840%
32) Benzene-d6	8.268	84	257497	23.217	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	9.274	67	74099	21.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.720%
41) Toluene-d8	10.323	98	255038	22.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	10.579	79	35459	22.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.920	63	34312	46.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	94938	23.521	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	101268	21.502	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	40204	24.864	ug/L	97
3) Chloromethane	2.209	50	111990	26.678	ug/L	99
5) Vinyl chloride	2.349	62	176500	26.976	ug/L	99
6) Bromomethane	2.763	94	91453	25.301	ug/L	91
8) Chloroethane	2.910	64	79084	27.476	ug/L	95
9) Trichlorofluoromethane	3.245	101	74782	24.551	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	67586	23.959	ug/L	97
12) 1,1-Dichloroethene	4.031	96	55927	24.188	ug/L	81
13) Acetone	4.123	43	31018	52.409	ug/L	97
14) Carbon disulfide	4.373	76	170498	24.007	ug/L	98
15) Methyl Acetate	4.665	43	35543	24.895	ug/L	95
16) Methylene chloride	4.909	84	82998	24.907	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	69739	24.651	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	110166	26.270	ug/L	99
19) 1,1-Dichloroethane	6.208	63	130753	24.468	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	81255	26.156	ug/L	98
22) 2-Butanone	7.171	43	54024	56.871	ug/L	97
23) Bromochloromethane	7.512	128	39971	25.002	ug/L	97
25) Chloroform	7.671	83	153938	24.896	ug/L	95

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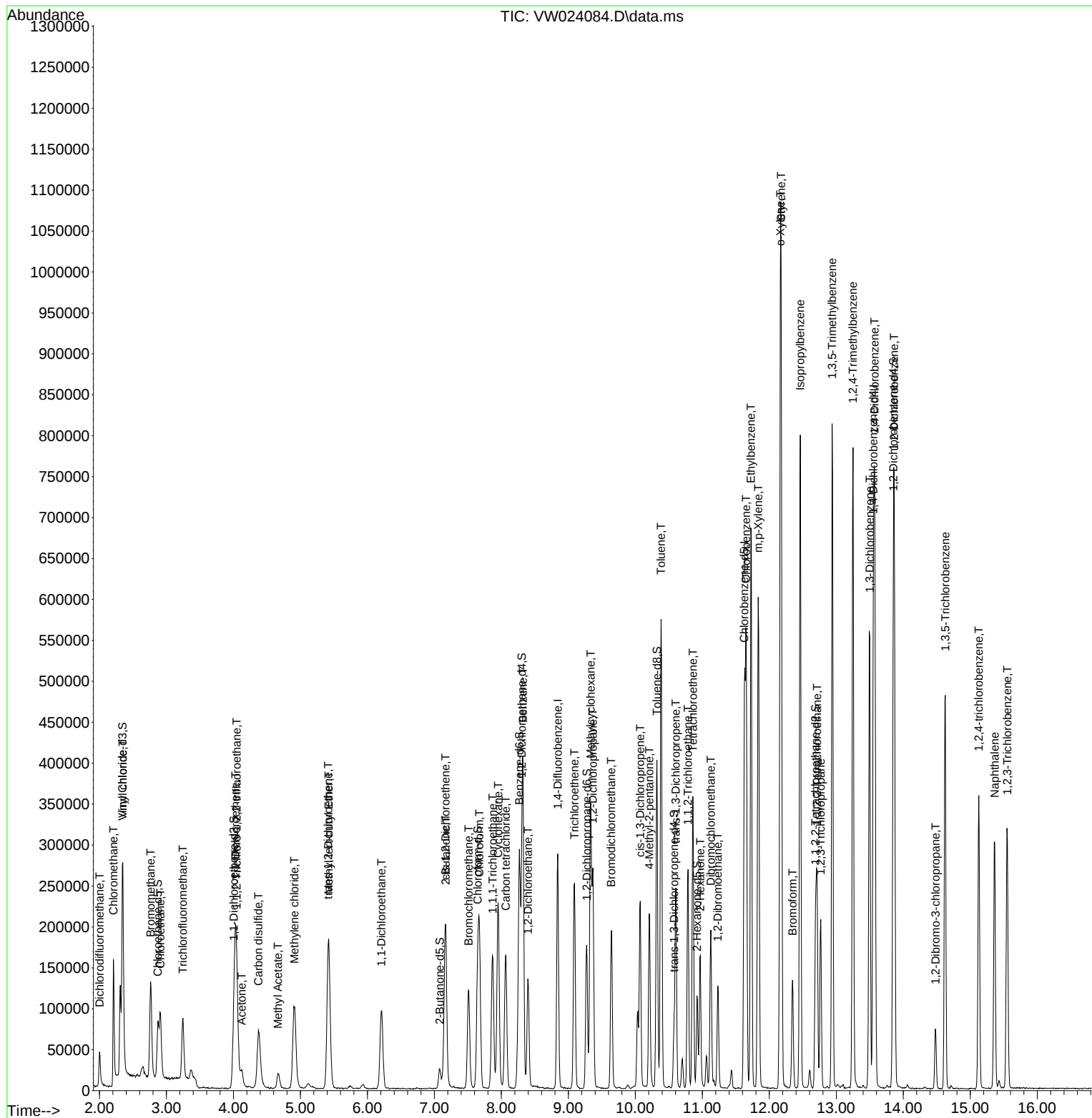
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	117439	26.668	ug/L	99
29) Cyclohexane	7.951	56	106593	24.231	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	123646	23.169	ug/L	99
31) Carbon tetrachloride	8.067	117	118154	24.018	ug/L	100
33) Benzene	8.323	78	345953	25.082	ug/L	100
34) Trichloroethene	9.091	95	84705	23.192	ug/L	97
35) Methylcyclohexane	9.335	83	133926	24.136	ug/L	99
37) 1,2-Dichloropropane	9.366	63	89107	25.554	ug/L	99
38) Bromodichloromethane	9.640	83	123363	24.814	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	126233	24.848	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	133746	55.121	ug/L	99
42) Toluene	10.384	91	405439	25.988	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	124251	25.826	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	76988	25.274	ug/L	96
46) Tetrachloroethene	10.859	164	70091	24.520	ug/L	92
48) 2-Hexanone	10.969	43	100876	57.368	ug/L	97
49) Dibromochloromethane	11.128	129	94811	26.637	ug/L	94
50) 1,2-Dibromoethane	11.231	107	77545	26.000	ug/L #	95
51) Chlorobenzene	11.652	112	273046	26.005	ug/L	96
52) Ethylbenzene	11.725	91	461167	26.823	ug/L	100
53) m,p-Xylene	11.835	106	186112	27.889	ug/L	98
54) o-Xylene	12.164	106	178383	27.952	ug/L	97
55) Styrene	12.176	104	331194	28.968	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	111640	26.443	ug/L	99
59) Bromoform	12.347	173	55303	24.603	ug/L	100
60) Isopropylbenzene	12.463	105	478650	25.985	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	79913	24.448	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	396464	26.753	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	399329	26.624	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	219418	24.906	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	234016	25.023	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	213169	25.868	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	18309	25.068	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	134662	23.970	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	100684	23.652	ug/L	95
71) Naphthalene	15.365	128	249398	27.380	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	96978	24.219	ug/L	98

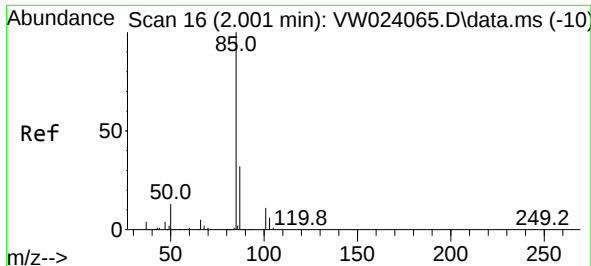
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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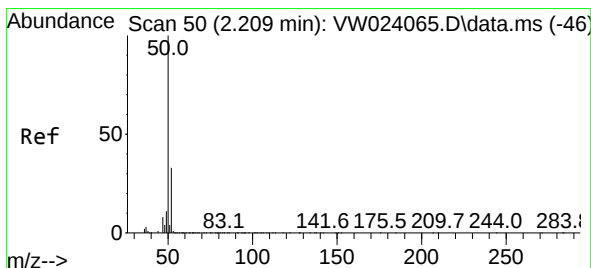
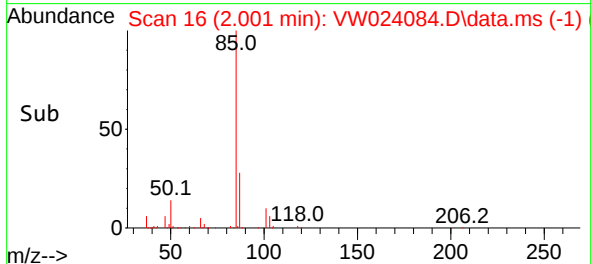
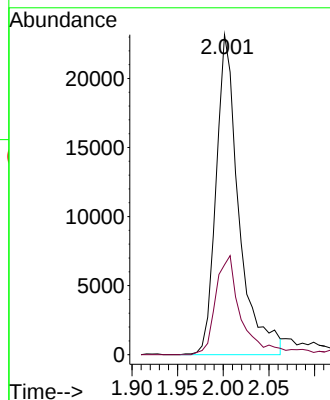
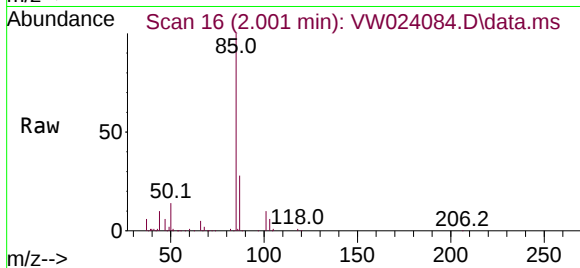




#2
Dichlorodifluoromethane
Concen: 24.864 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

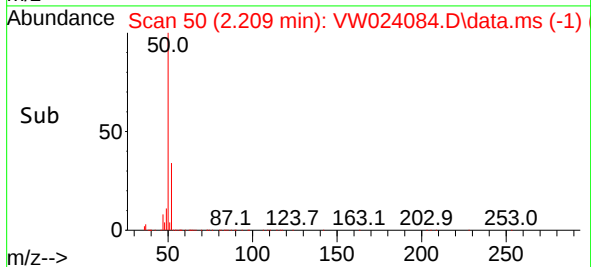
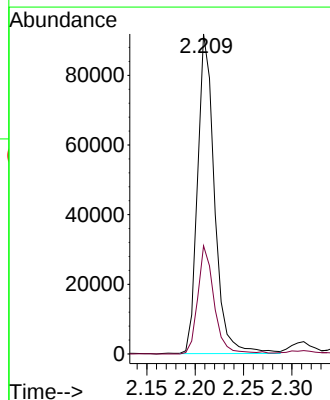
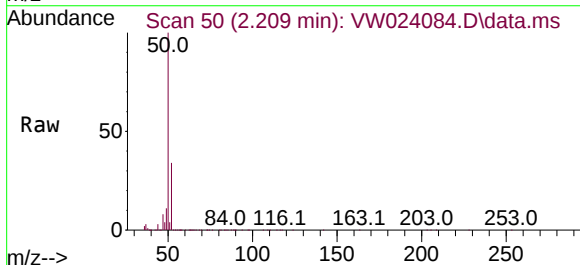
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MSVOA_W
ClientSampleId :
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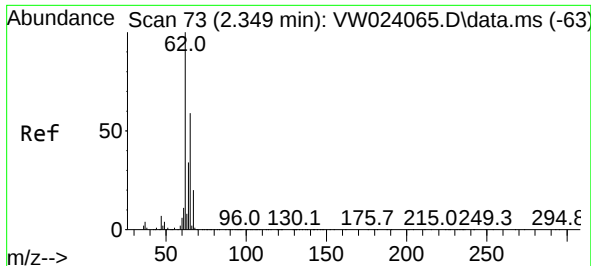
Tgt Ion: 85 Resp: 40204
Ion Ratio Lower Upper
85 100
87 32.0 24.2 36.2



#3
Chloromethane
Concen: 26.678 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion: 50 Resp: 111990
Ion Ratio Lower Upper
50 100
52 33.8 23.9 44.5

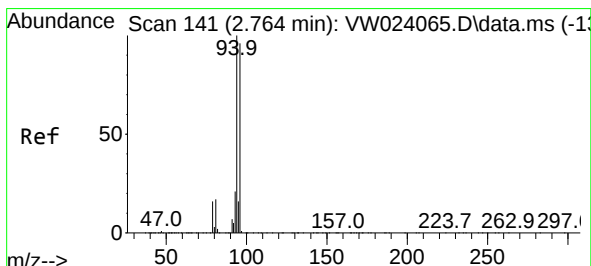
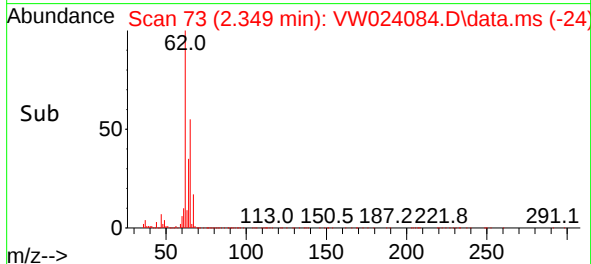
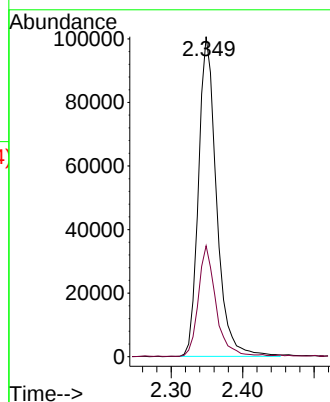
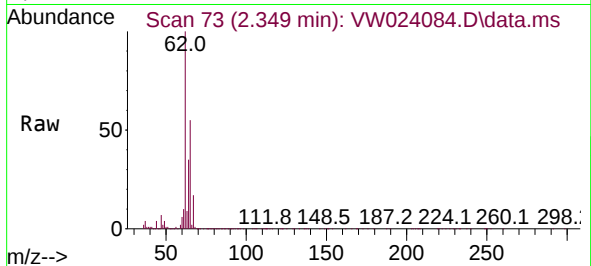




#5
 Vinyl chloride
 Concen: 26.976 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024084.D
 Acq: 25 Jul 2022 21:52

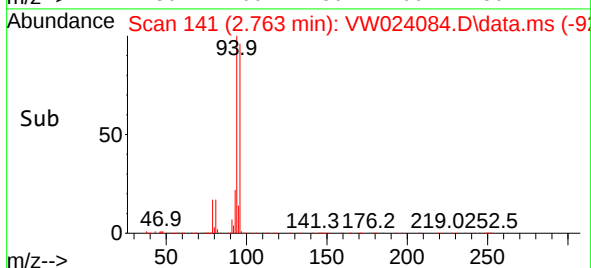
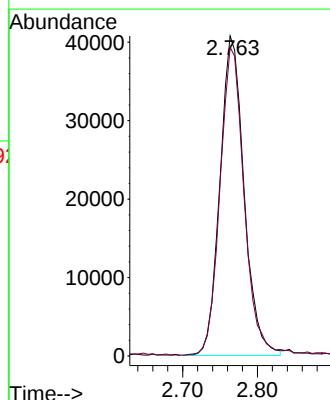
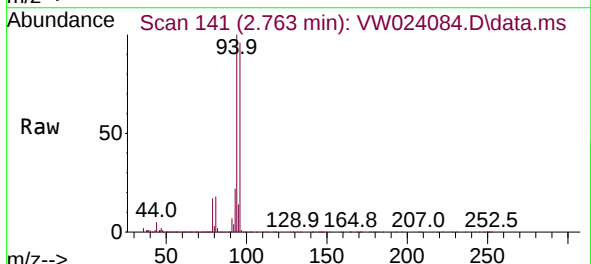
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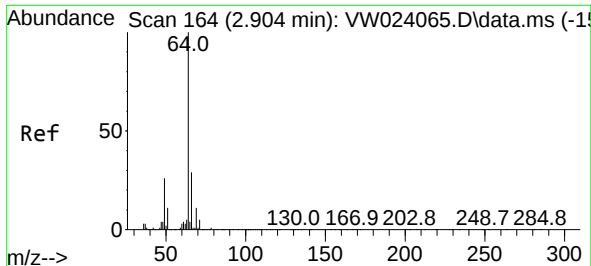
Tgt Ion: 62 Resp: 176500
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.9 44.3



#6
 Bromomethane
 Concen: 25.301 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024084.D
 Acq: 25 Jul 2022 21:52

Tgt Ion: 94 Resp: 91453
 Ion Ratio Lower Upper
 94 100
 96 96.5 61.9 114.9

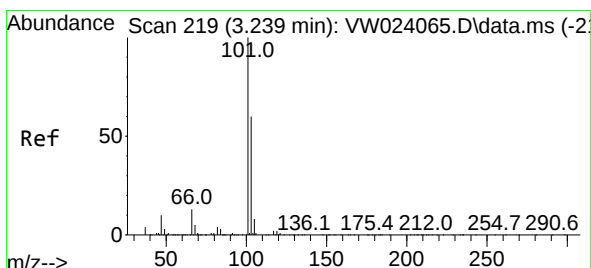
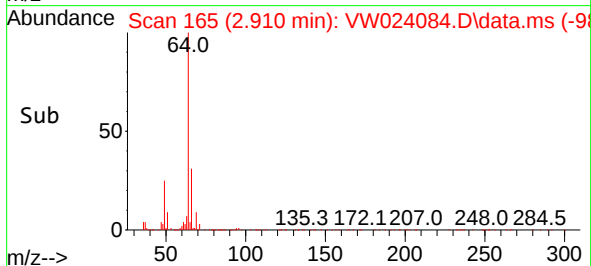
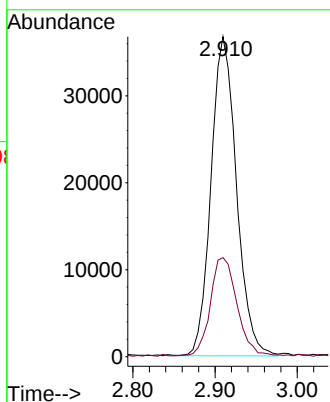
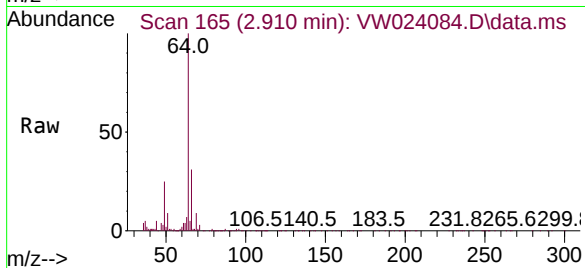




#8
Chloroethane
Concen: 27.476 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

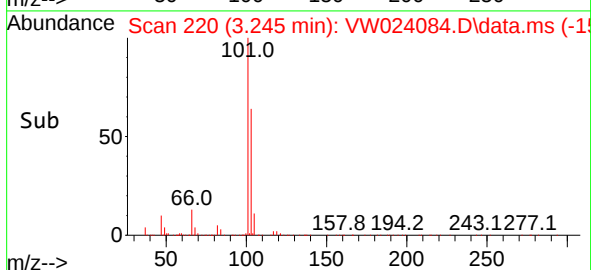
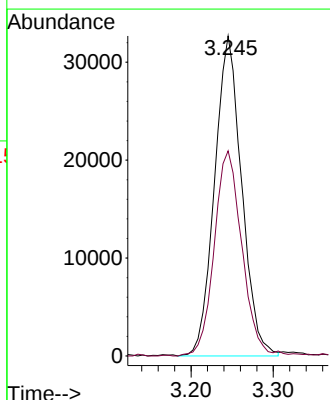
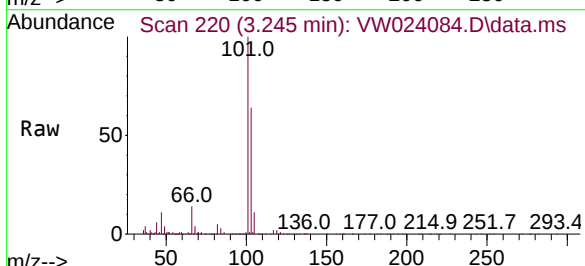
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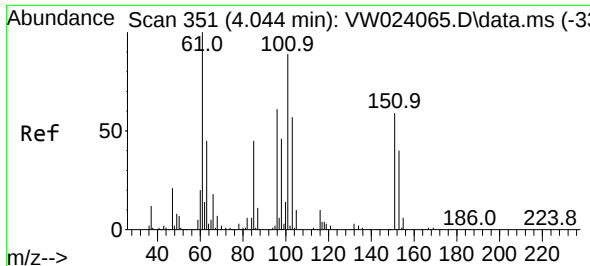
Tgt Ion: 64 Resp: 79084
Ion Ratio Lower Upper
64 100
66 31.0 23.9 44.3



#9
Trichlorofluoromethane
Concen: 24.551 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion: 101 Resp: 74782
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

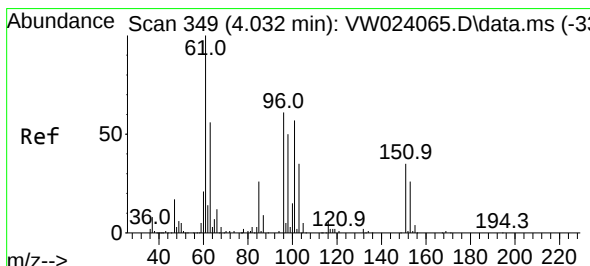
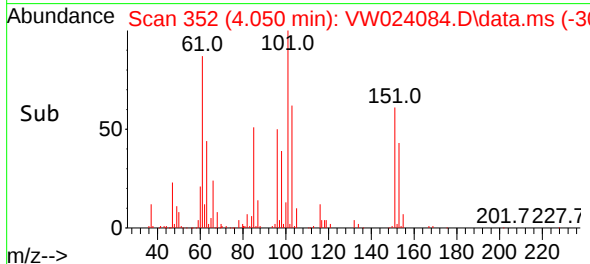
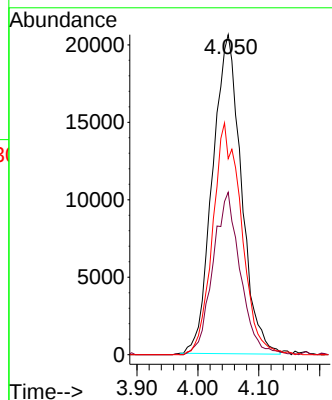
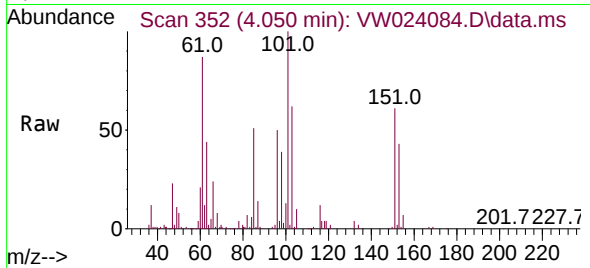




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.959 ug/L
 RT: 4.050 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024084.D
 Acq: 25 Jul 2022 21:52

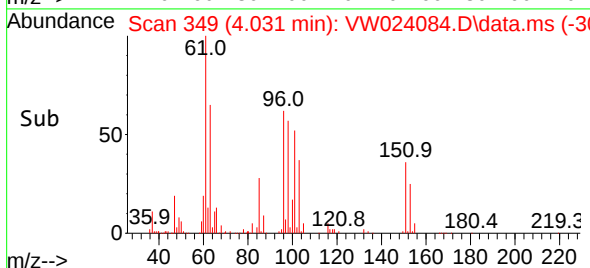
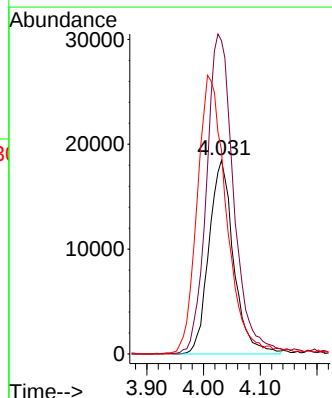
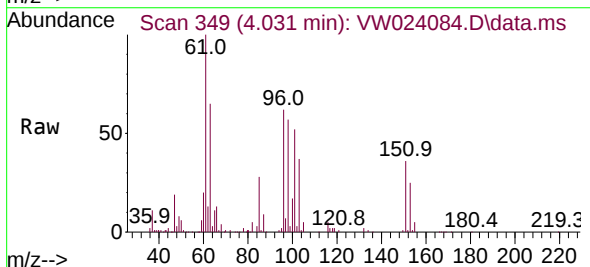
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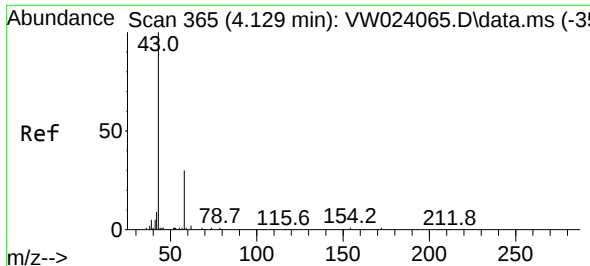
Tgt Ion:101 Resp: 67586
 Ion Ratio Lower Upper
 101 100
 85 48.5 39.8 59.8
 151 40.9 30.5 45.7



#12
 1,1-Dichloroethene
 Concen: 24.188 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW024084.D
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Tgt Ion: 96 Resp: 55927
 Ion Ratio Lower Upper
 96 100
 61 161.8 128.4 238.4
 63 105.3 93.1 172.9

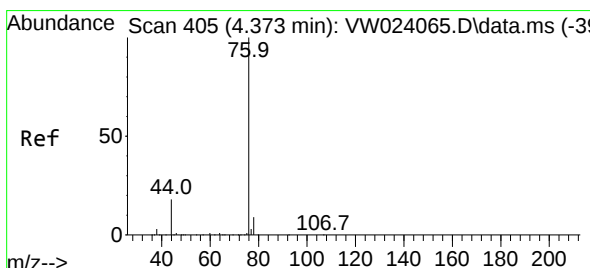
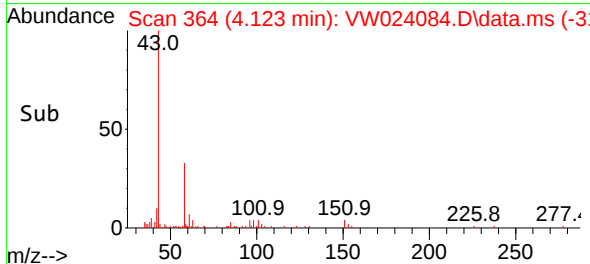
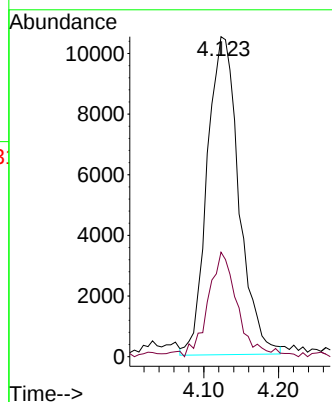
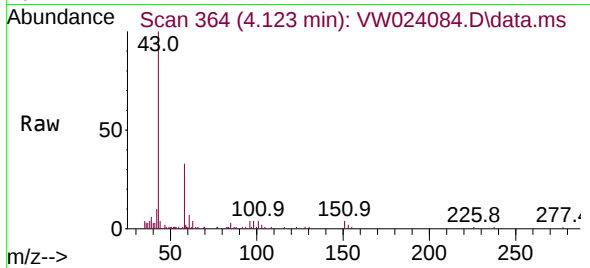




#13
Acetone
Concen: 52.409 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW024084.D
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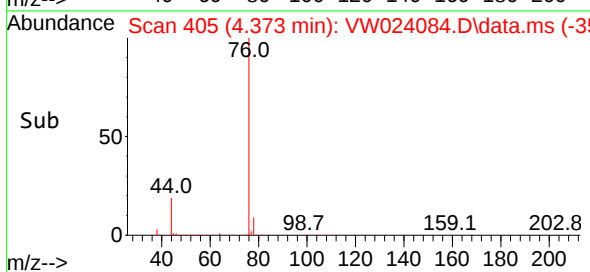
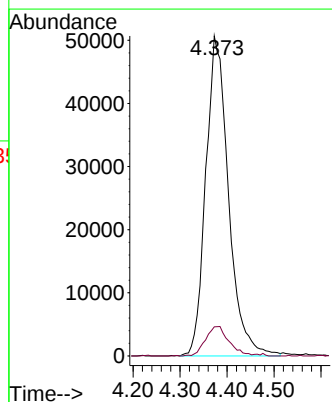
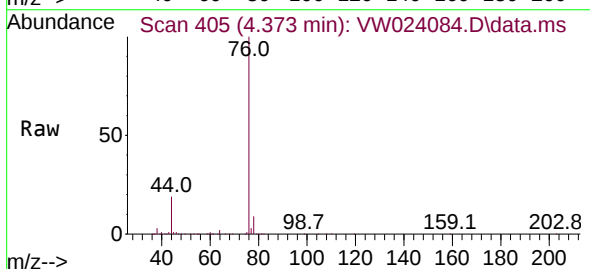
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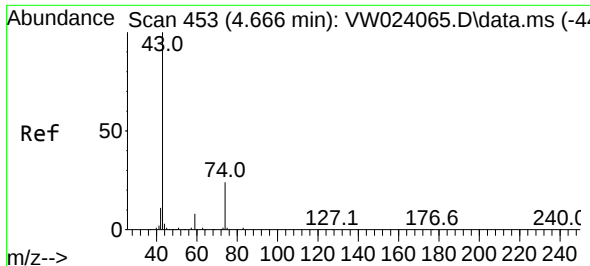
Tgt Ion: 43 Resp: 31018
Ion Ratio Lower Upper
43 100
58 28.3 0.0 60.0



#14
Carbon disulfide
Concen: 24.007 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024084.D
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Tgt Ion: 76 Resp: 170498
Ion Ratio Lower Upper
76 100
78 9.1 6.6 10.0

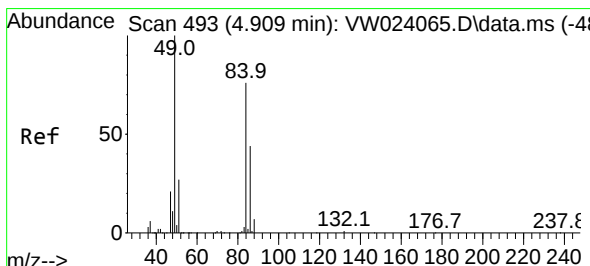
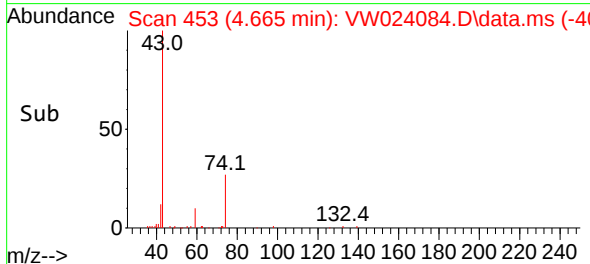
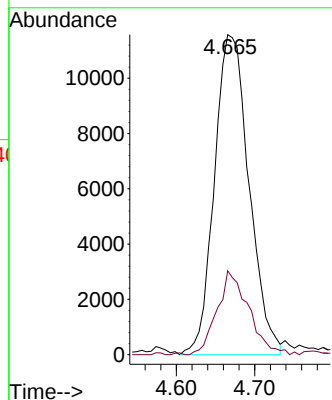
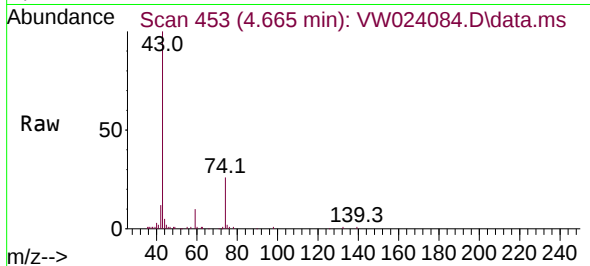




#15
Methyl Acetate
Concen: 24.895 ug/L
RT: 4.665 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

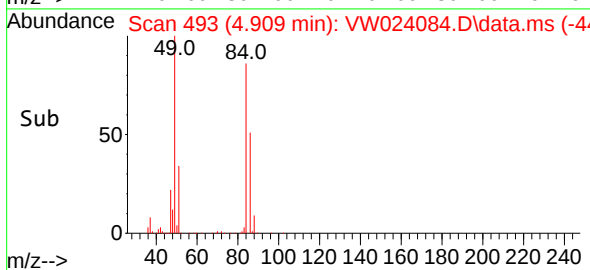
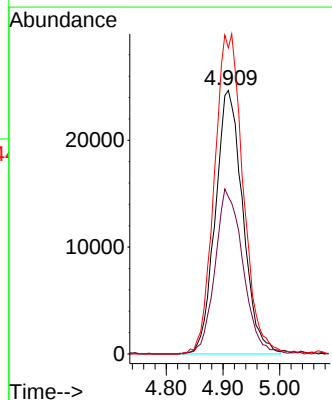
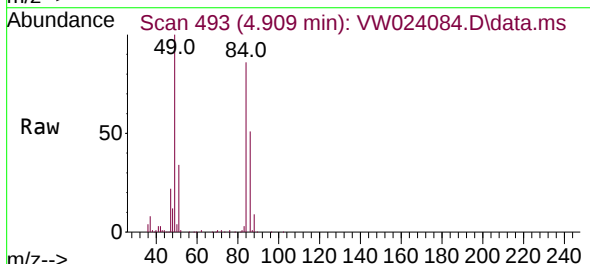
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

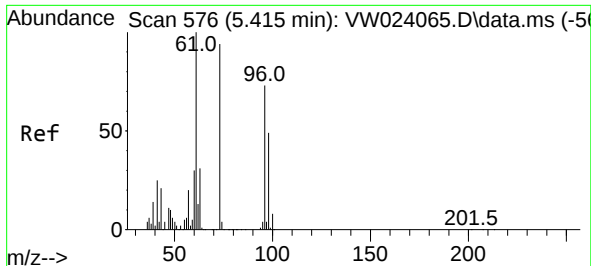
Tgt Ion: 43 Resp: 35543
Ion Ratio Lower Upper
43 100
74 23.8 21.1 31.7



#16
Methylene chloride
Concen: 24.907 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion: 84 Resp: 82998
Ion Ratio Lower Upper
84 100
86 59.6 44.7 83.1
49 116.1 83.7 155.4

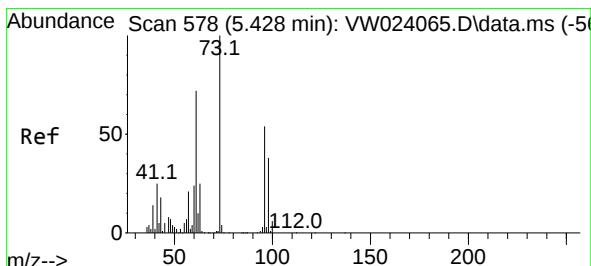
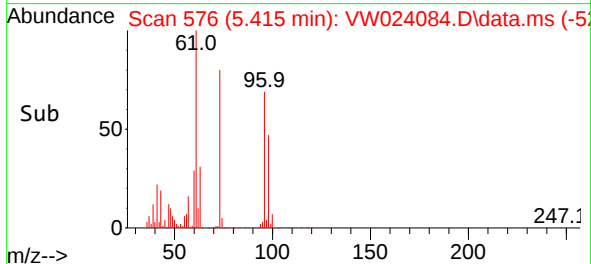
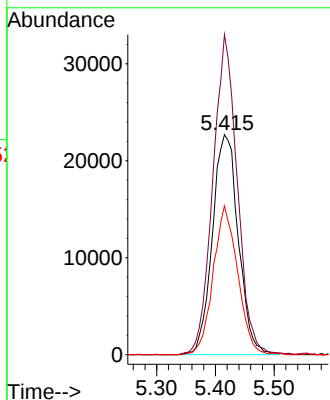
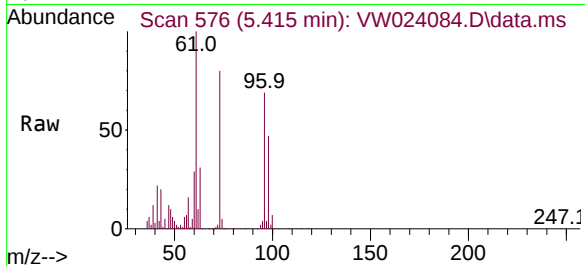




#17
trans-1,2-Dichloroethene
Concen: 24.651 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

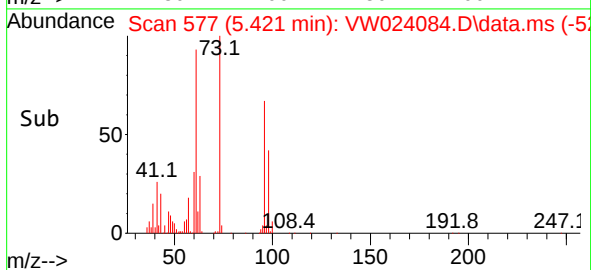
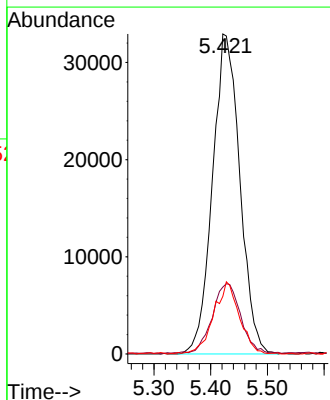
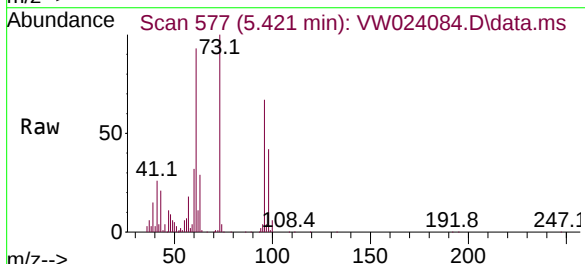
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

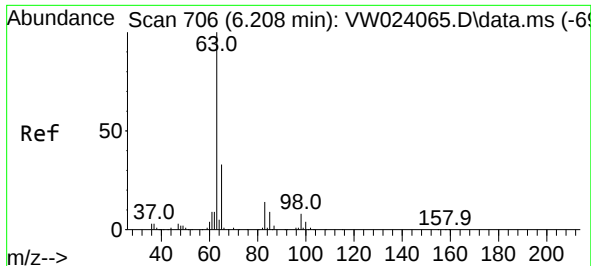
Tgt Ion: 96 Resp: 69739
Ion Ratio Lower Upper
96 100
61 145.5 92.7 172.1
98 67.7 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 26.270 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion: 73 Resp: 110166
Ion Ratio Lower Upper
73 100
43 22.0 17.3 25.9
57 21.2 16.6 25.0





#19

1,1-Dichloroethane

Concen: 24.468 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

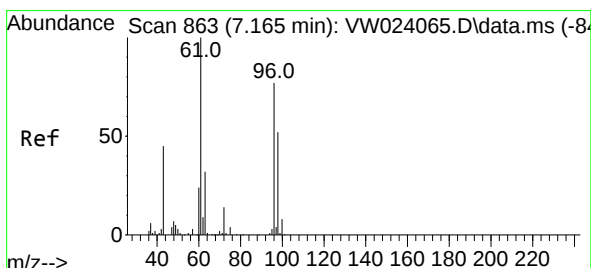
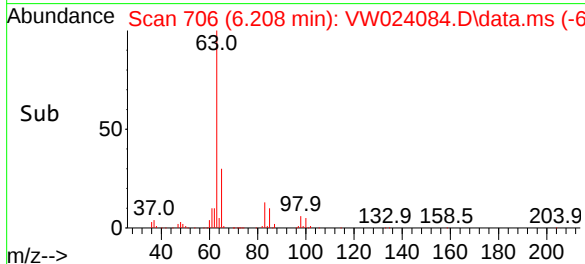
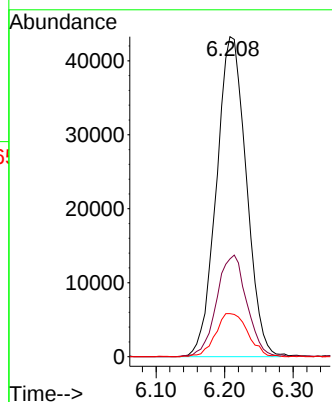
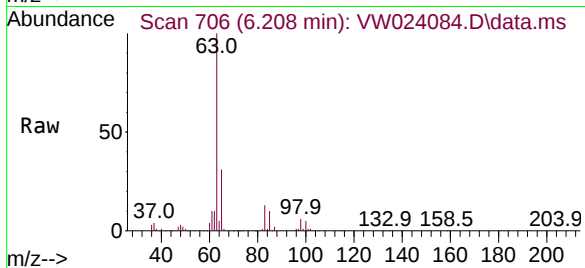
Tgt Ion: 63 Resp: 130753

Ion Ratio Lower Upper

63 100

65 30.6 23.4 43.4

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.156 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

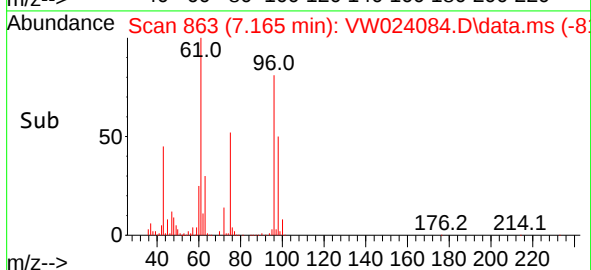
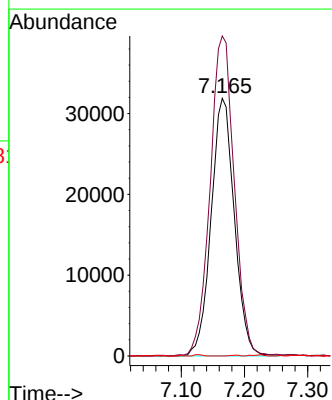
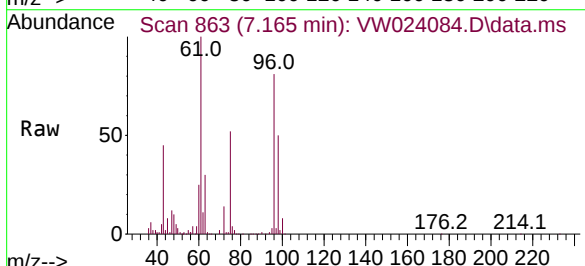
Tgt Ion: 96 Resp: 81255

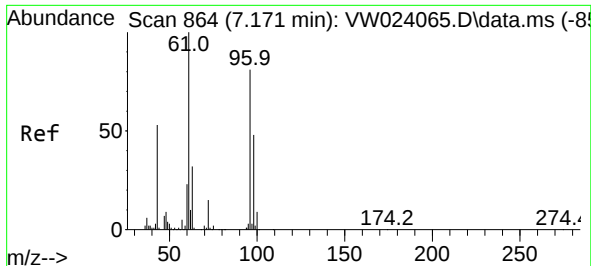
Ion Ratio Lower Upper

96 100

61 124.2 85.3 158.3

68 0.0 0.0 0.0

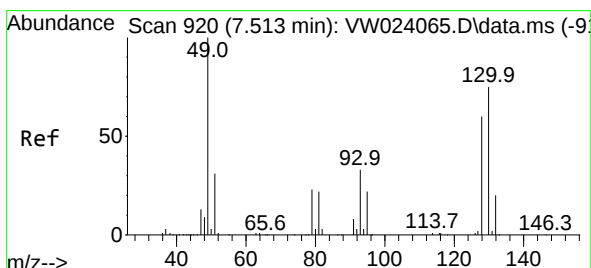
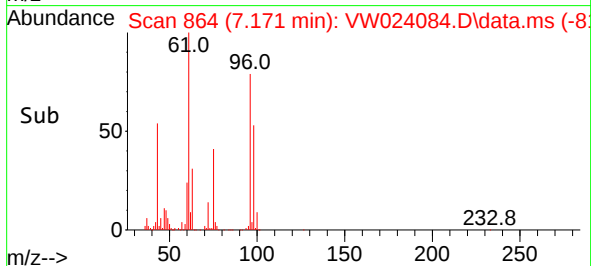
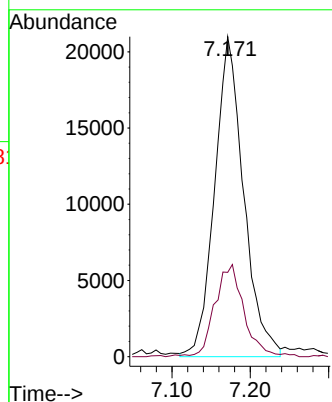
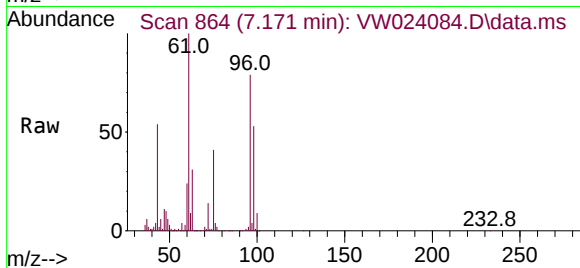




#22
2-Butanone
Concen: 56.871 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

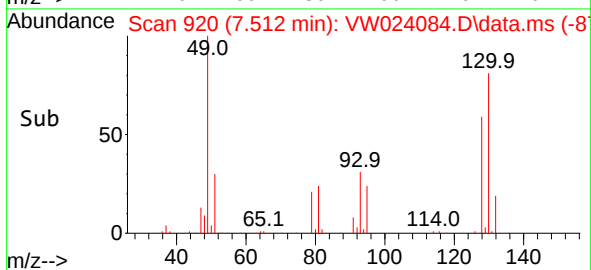
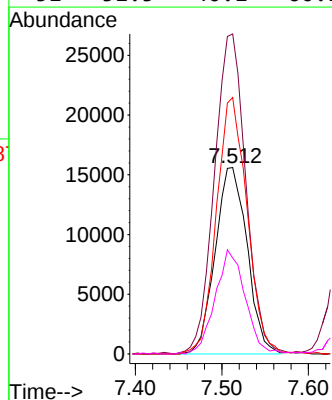
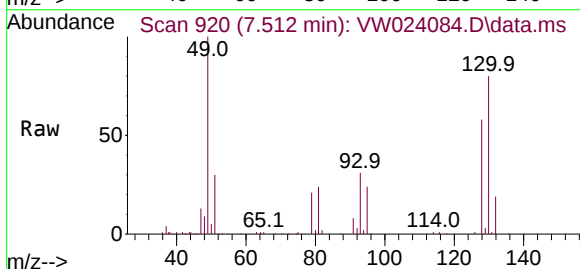
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

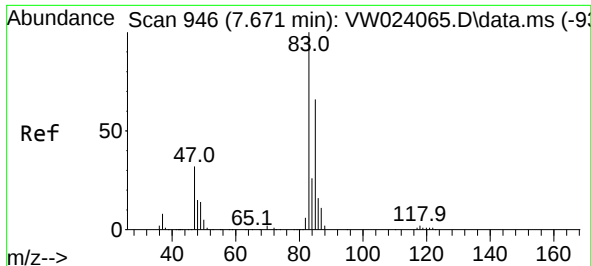
Tgt Ion: 43 Resp: 54024
Ion Ratio Lower Upper
43 100
72 28.2 15.0 45.0



#23
Bromochloromethane
Concen: 25.002 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion: 128 Resp: 39971
Ion Ratio Lower Upper
128 100
49 171.7 119.8 222.4
130 137.6 90.7 168.5
51 51.5 40.1 60.1

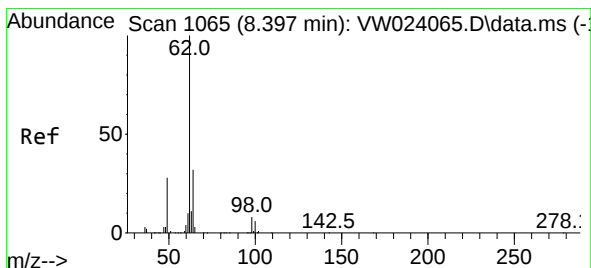
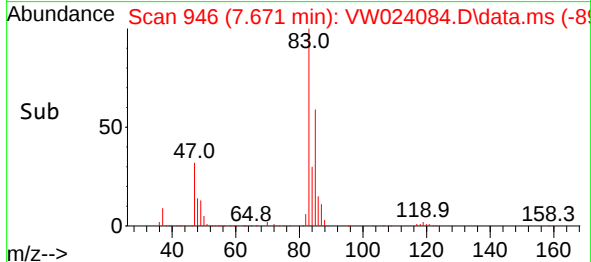
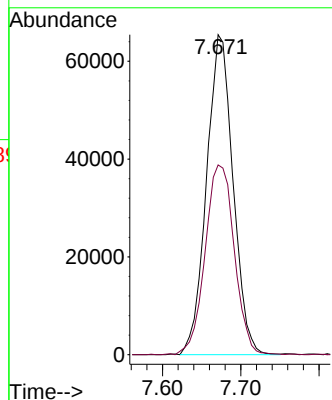
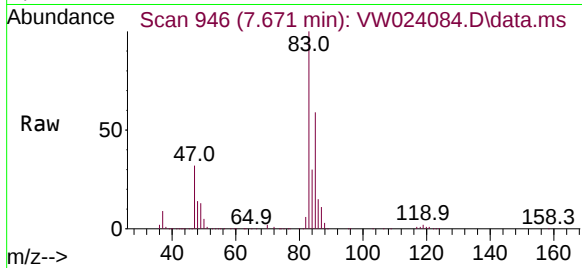




#25
Chloroform
Concen: 24.896 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

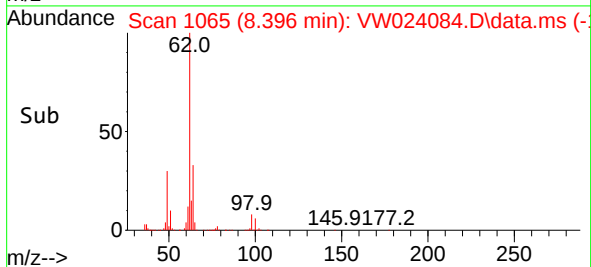
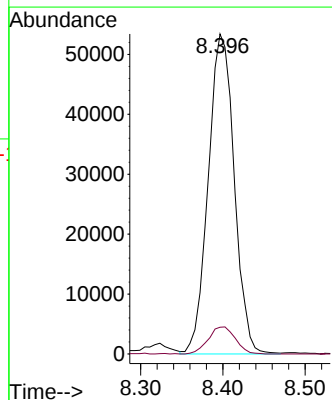
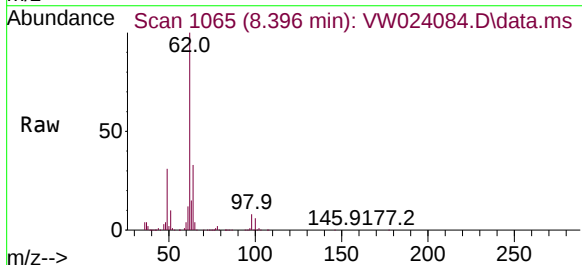
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

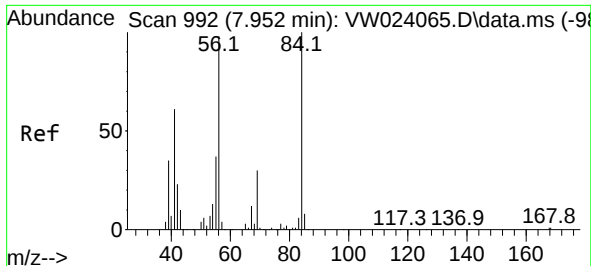
Tgt Ion: 83 Resp: 153938
Ion Ratio Lower Upper
83 100
85 59.3 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.668 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion: 62 Resp: 117439
Ion Ratio Lower Upper
62 100
98 8.4 7.1 10.7





#29

Cyclohexane

Concen: 24.231 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

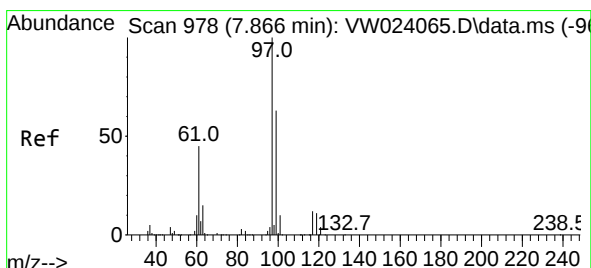
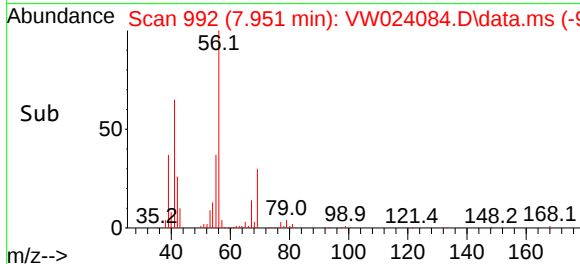
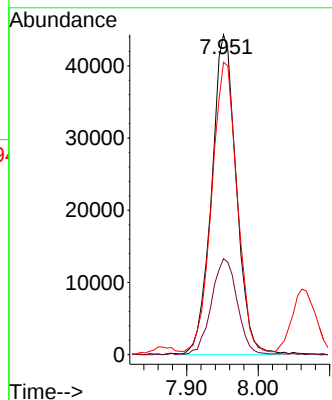
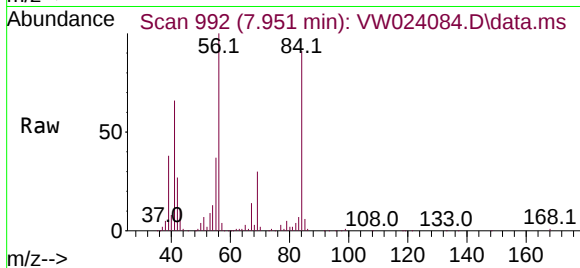
Tgt Ion: 56 Resp: 106593

Ion Ratio Lower Upper

56 100

69 31.3 24.1 36.1

84 94.8 76.2 114.4



#30

1,1,1-Trichloroethane

Concen: 23.169 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

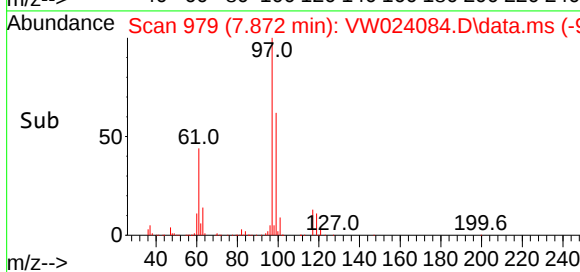
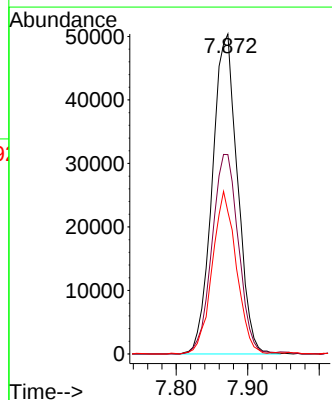
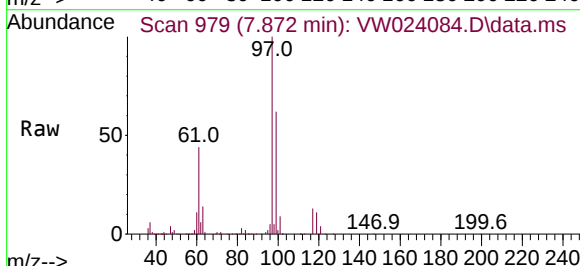
Tgt Ion: 97 Resp: 123646

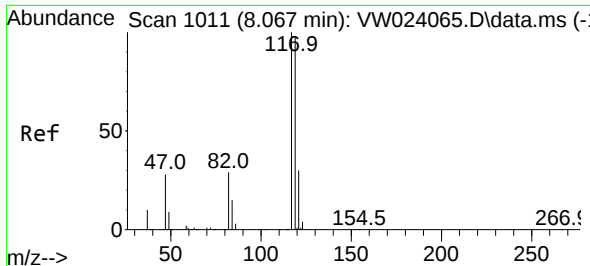
Ion Ratio Lower Upper

97 100

99 65.3 51.7 77.5

61 48.4 37.8 56.6

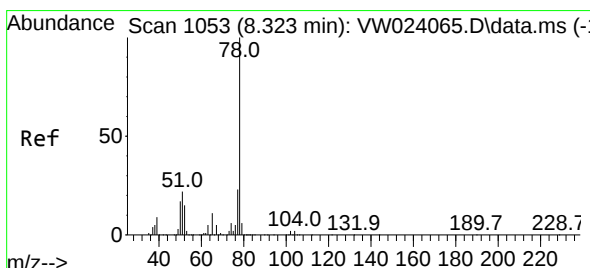
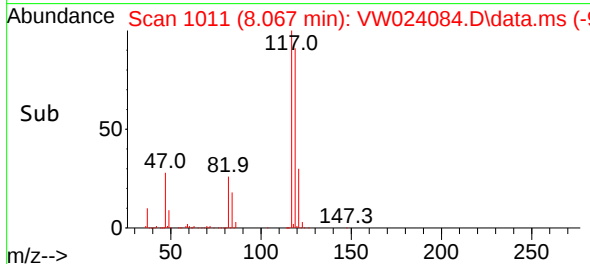
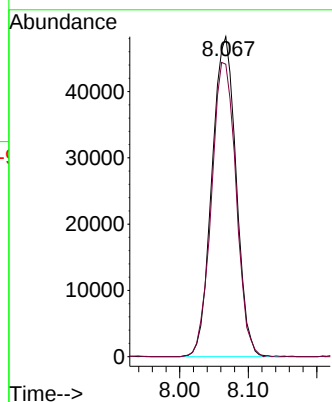
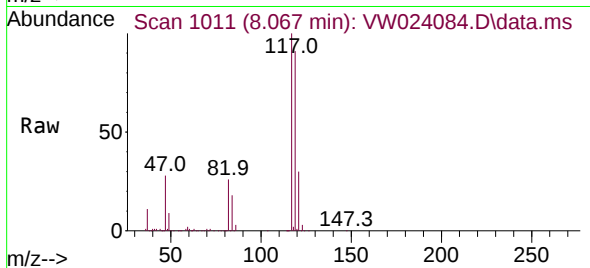




#31
Carbon tetrachloride
Concen: 24.018 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

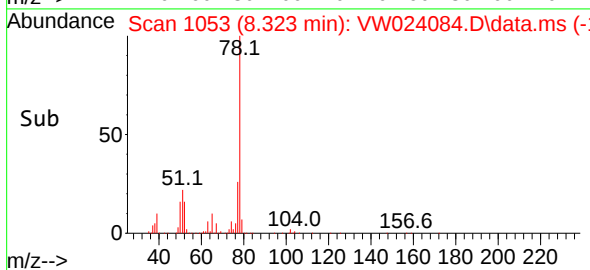
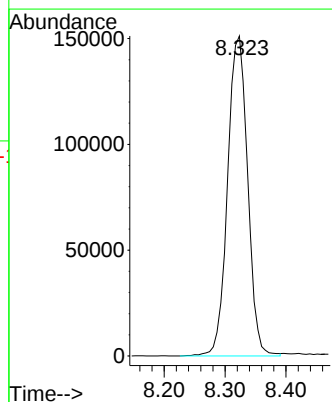
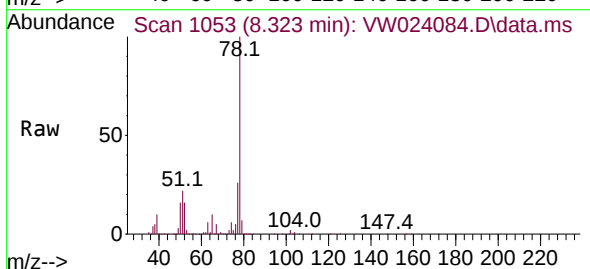
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

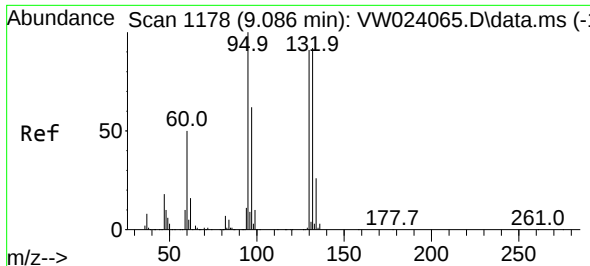
Tgt Ion:117 Resp: 118154
Ion Ratio Lower Upper
117 100
119 93.4 75.0 112.4



#33
Benzene
Concen: 25.082 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion: 78 Resp: 345953

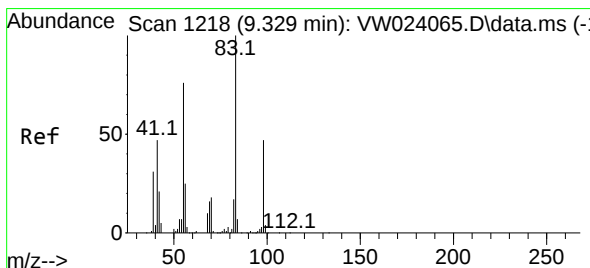
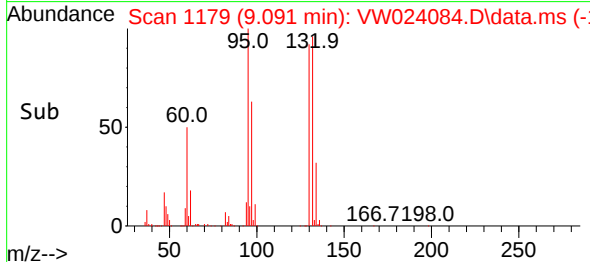
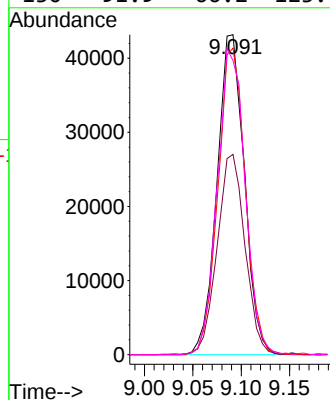
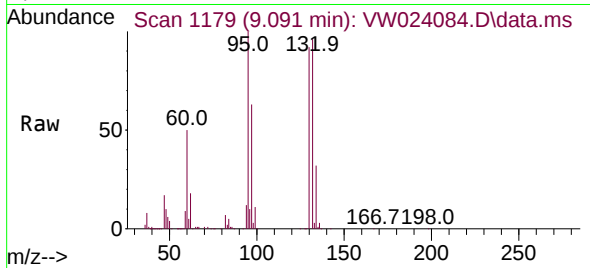




#34
Trichloroethene
Concen: 23.192 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

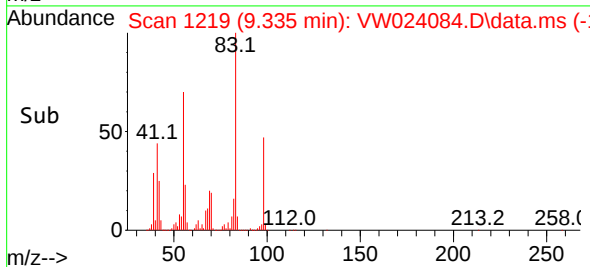
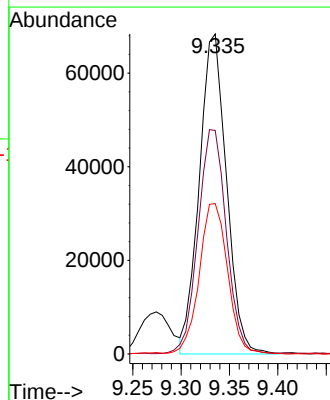
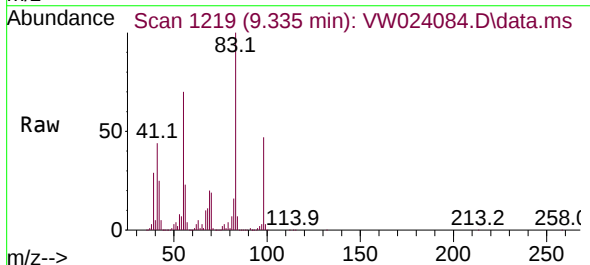
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

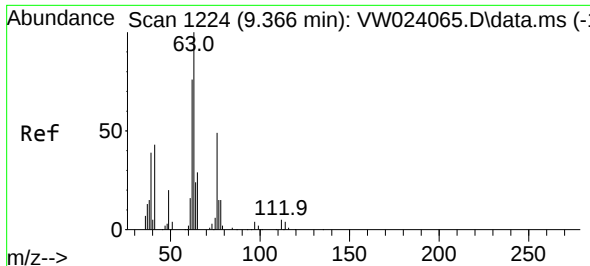
Tgt Ion:	95	Resp:	84705
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.5	86.3
132	95.8	65.8	122.2
130	91.9	66.2	123.0



#35
Methylcyclohexane
Concen: 24.136 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion:	83	Resp:	133926
Ion	Ratio	Lower	Upper
83	100		
55	73.1	57.3	85.9
98	49.1	38.9	58.3





#37

1,2-Dichloropropane

Concen: 25.554 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

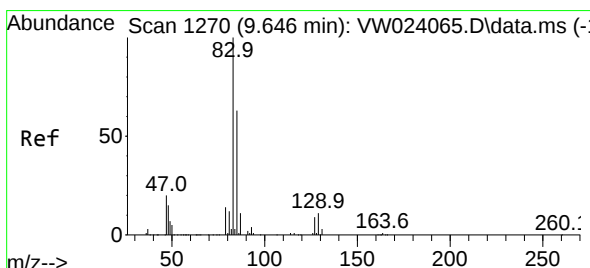
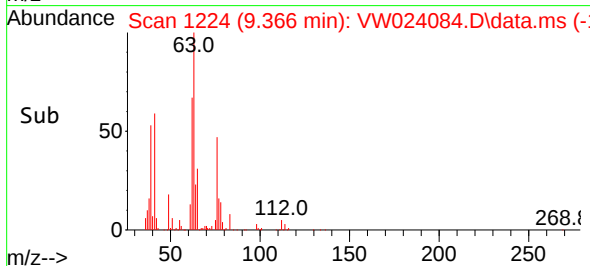
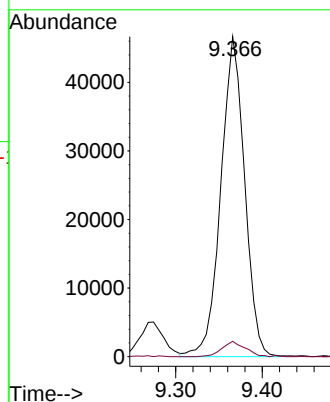
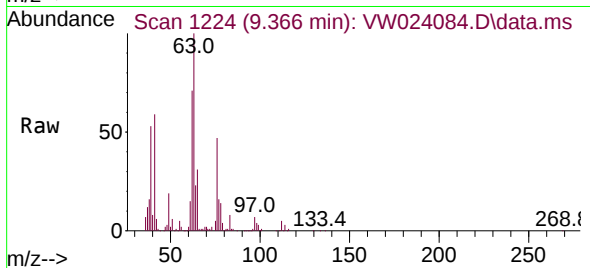
VSTD025507

Tgt Ion: 63 Resp: 89107

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 24.814 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

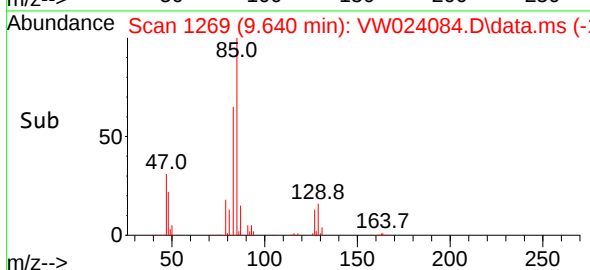
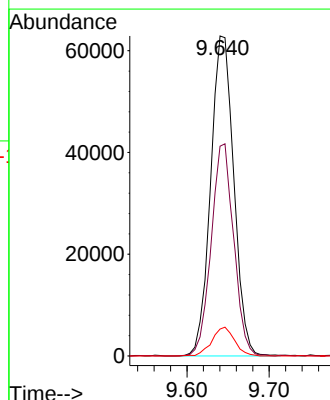
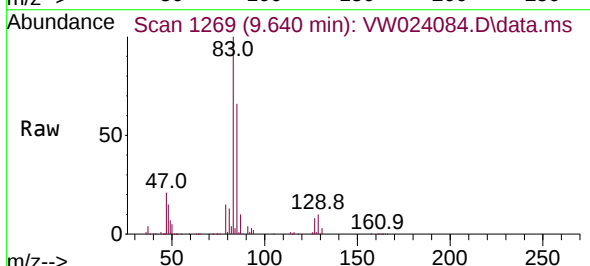
Tgt Ion: 83 Resp: 123363

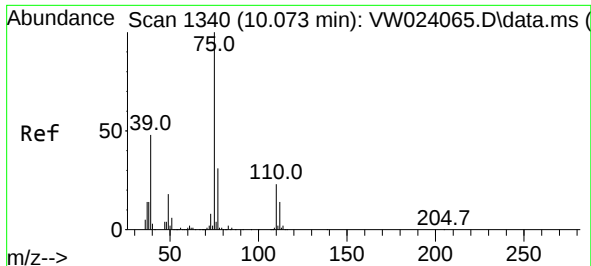
Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7

127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.848 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

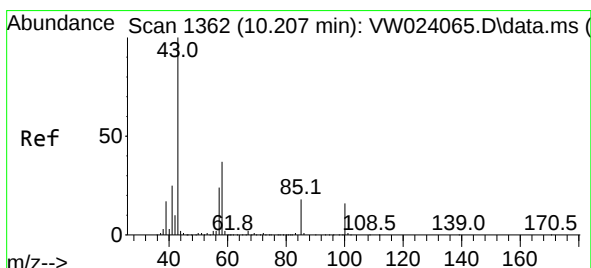
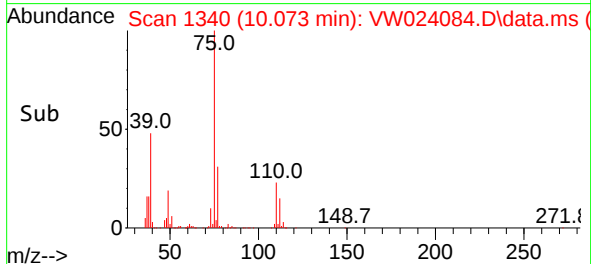
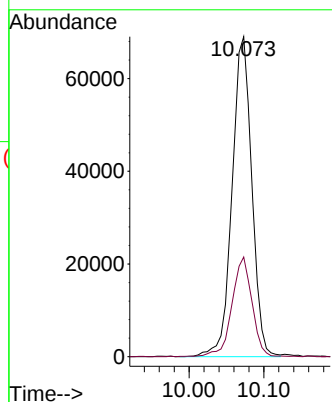
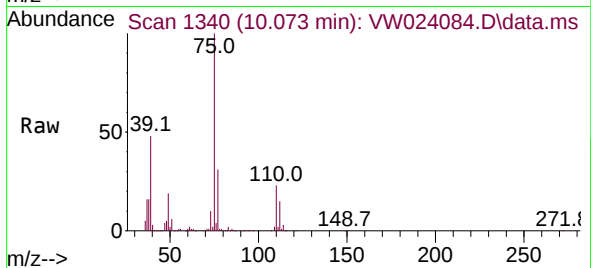
VSTD025507

Tgt Ion: 75 Resp: 126233

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.121 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

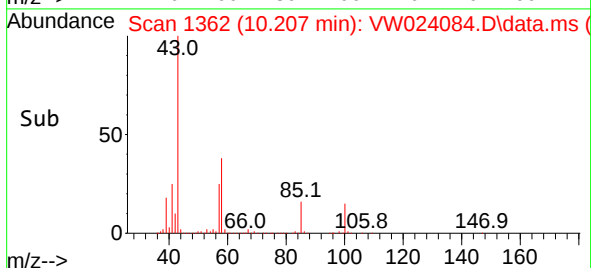
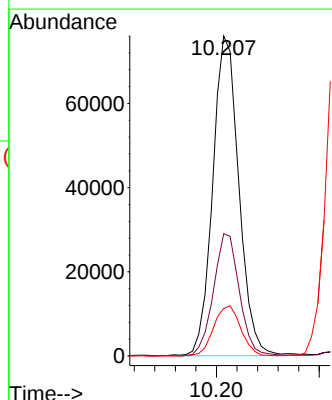
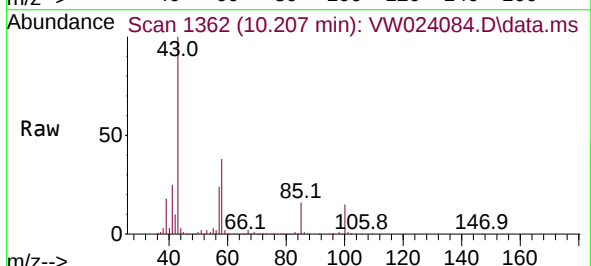
Tgt Ion: 43 Resp: 133746

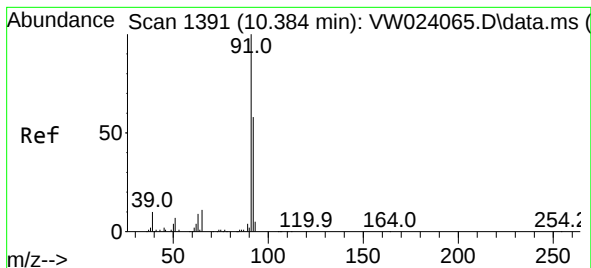
Ion Ratio Lower Upper

43 100

58 38.1 30.8 46.2

100 16.4 13.0 19.6





#42

Toluene

Concen: 25.988 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

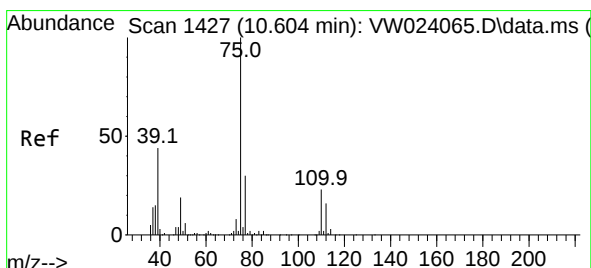
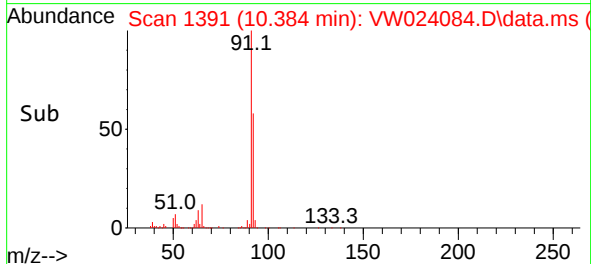
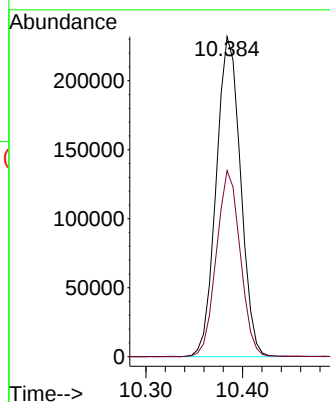
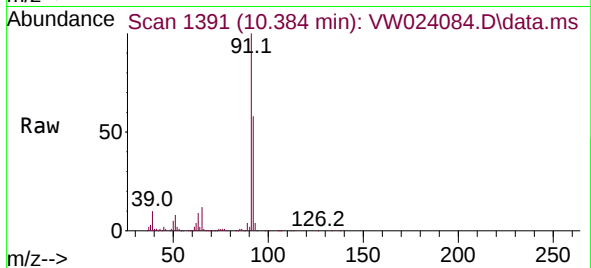
VSTD025507

Tgt Ion: 91 Resp: 405439

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 25.826 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024084.D

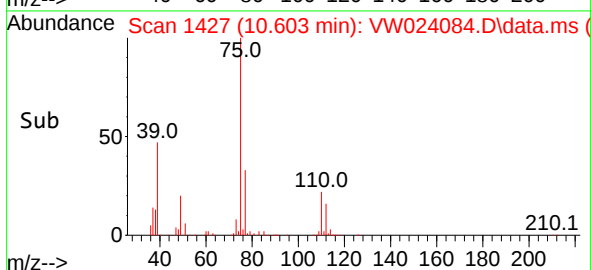
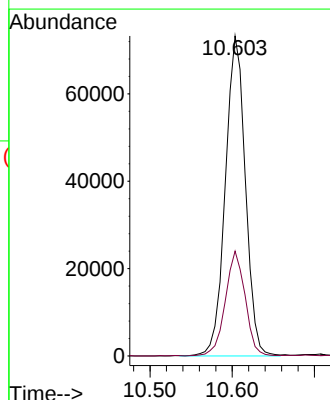
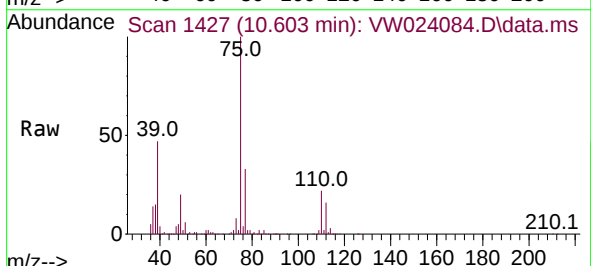
Acq: 25 Jul 2022 21:52

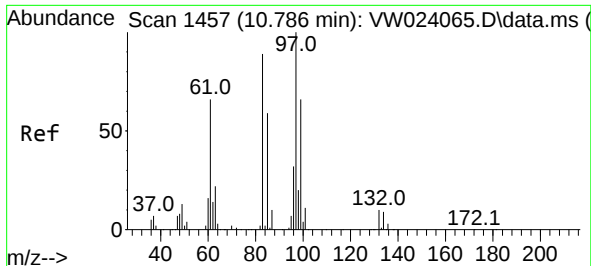
Tgt Ion: 75 Resp: 124251

Ion Ratio Lower Upper

75 100

77 32.7 21.3 39.6

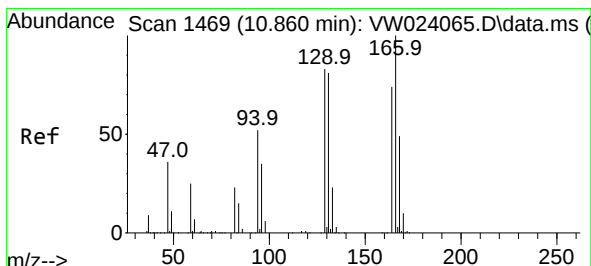
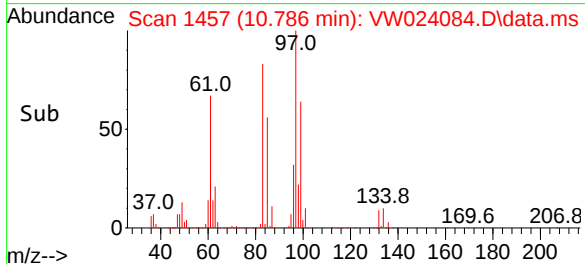
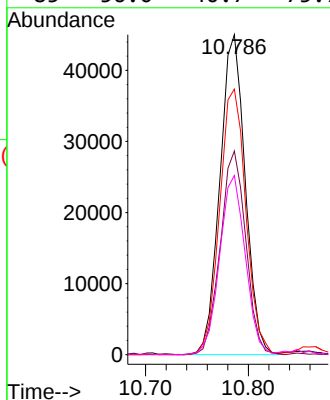
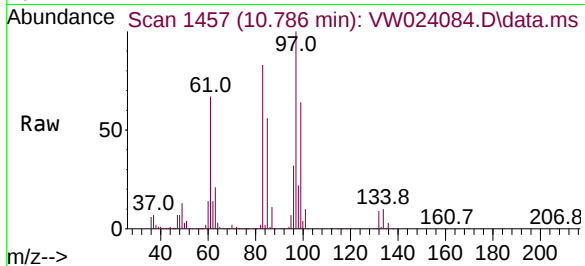




#45
1,1,2-Trichloroethane
Concen: 25.274 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

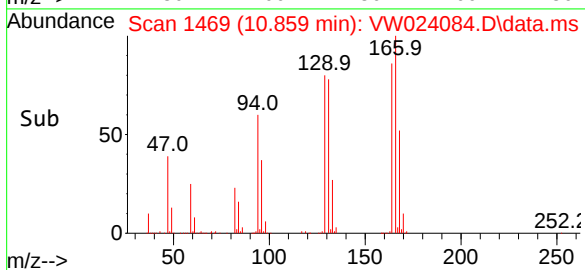
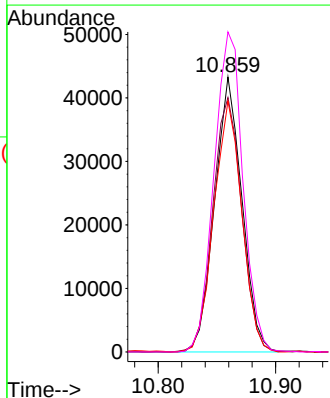
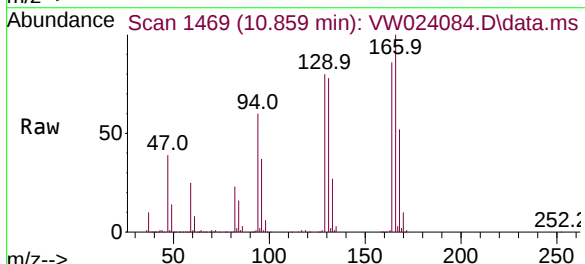
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

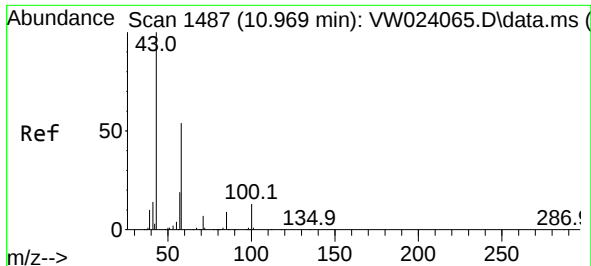
Tgt Ion:	97	Resp:	76988
Ion	Ratio	Lower	Upper
97	100		
99	63.7	46.2	85.8
83	83.0	61.2	113.6
85	56.0	40.7	75.7



#46
Tetrachloroethene
Concen: 24.520 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion:	164	Resp:	70091
Ion	Ratio	Lower	Upper
164	100		
129	92.6	65.7	122.1
131	91.3	69.2	128.4
166	116.4	92.8	172.4

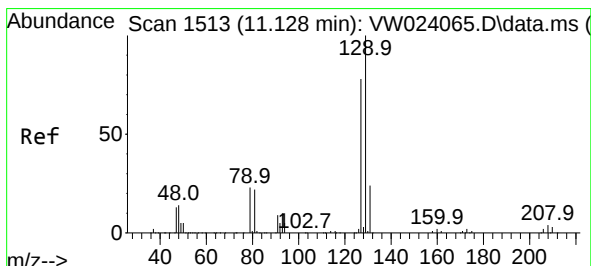
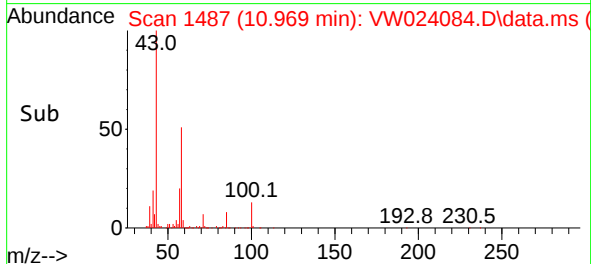
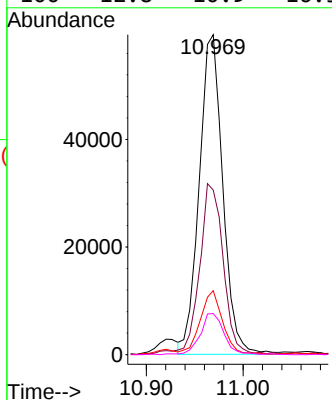
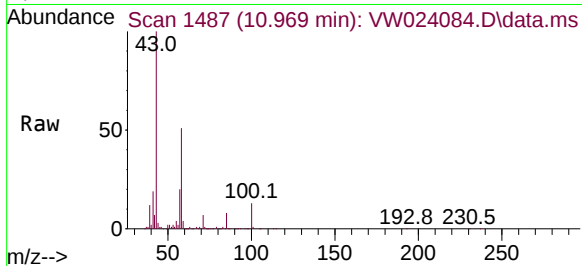




#48
2-Hexanone
Concen: 57.368 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

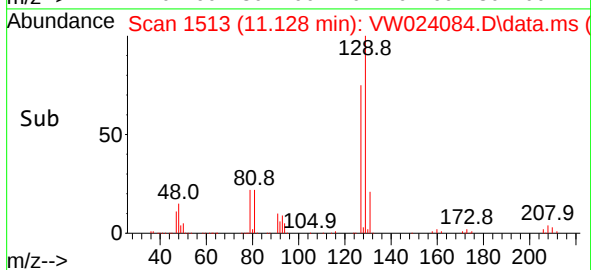
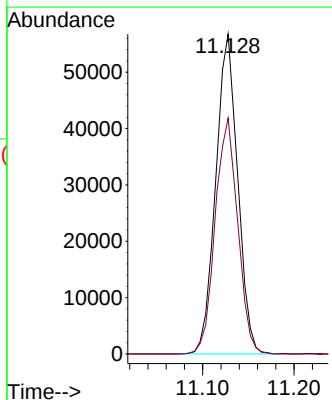
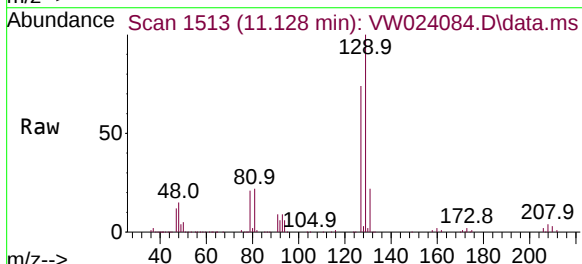
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

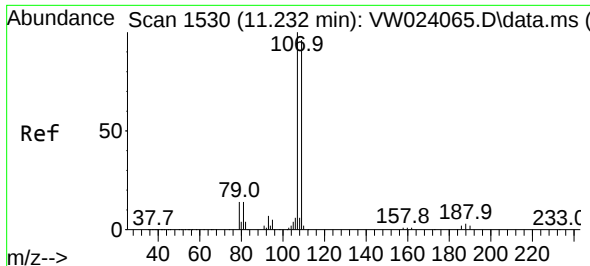
Tgt Ion:	43	Resp:	100876
Ion	Ratio	Lower	Upper
43	100		
58	53.1	41.0	61.6
57	19.3	14.5	21.7
100	12.8	10.9	16.3



#49
Dibromochloromethane
Concen: 26.637 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion:	129	Resp:	94811
Ion	Ratio	Lower	Upper
129	100		
127	73.7	55.0	102.2

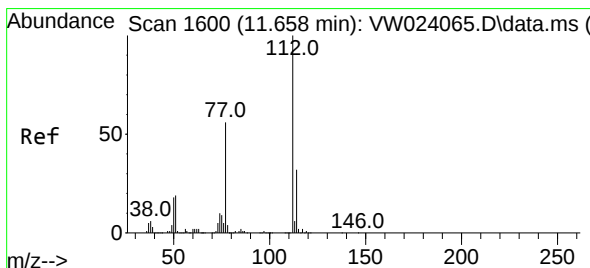
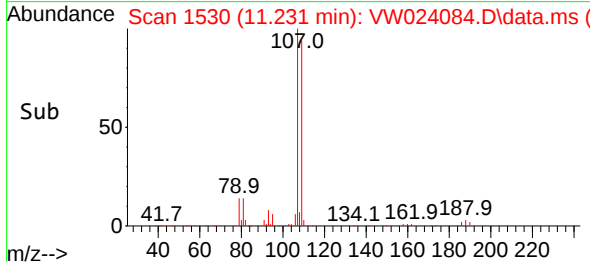
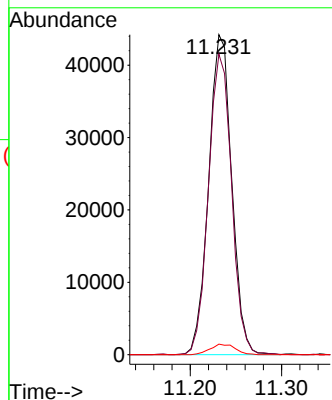
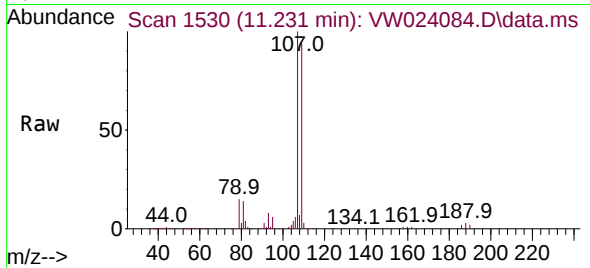




#50
1,2-Dibromoethane
Concen: 26.000 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

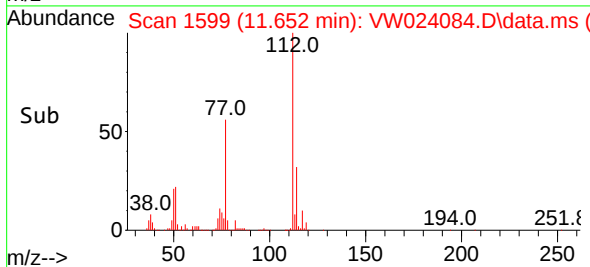
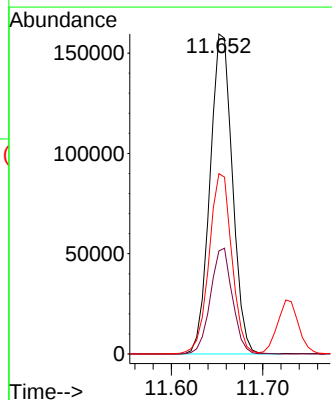
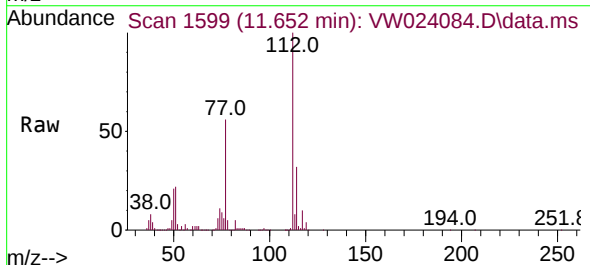
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

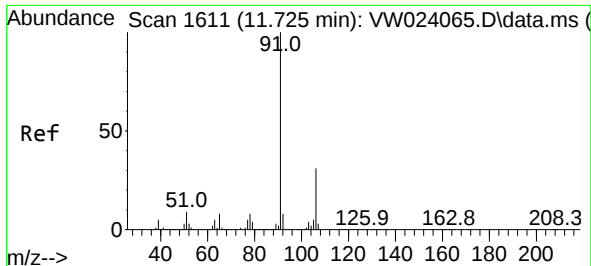
Tgt Ion:107 Resp: 77545
Ion Ratio Lower Upper
107 100
109 93.9 62.2 115.6
188 3.3 2.2 3.2#



#51
Chlorobenzene
Concen: 26.005 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion:112 Resp: 273046
Ion Ratio Lower Upper
112 100
114 32.2 23.7 43.9
77 56.4 48.2 72.2

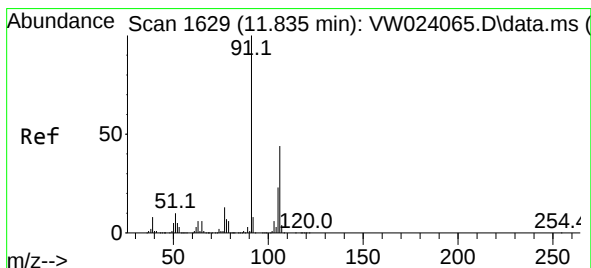
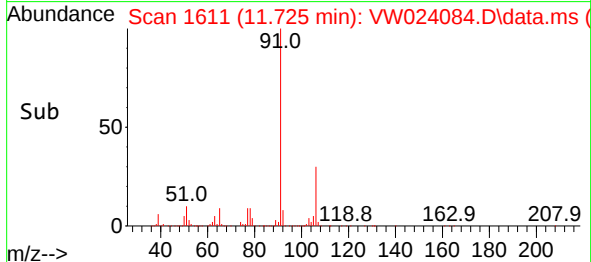
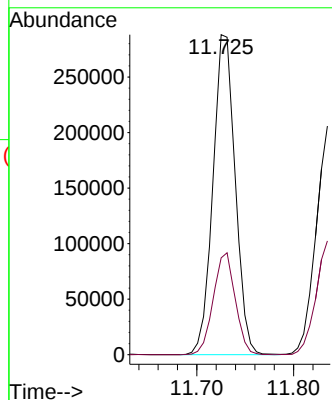
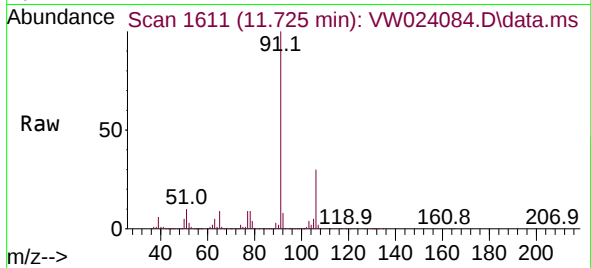




#52
Ethylbenzene
Concen: 26.823 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

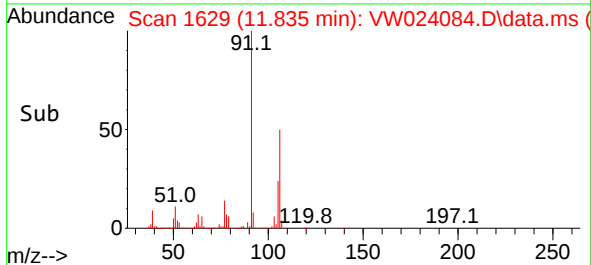
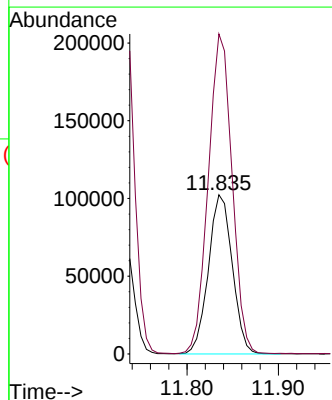
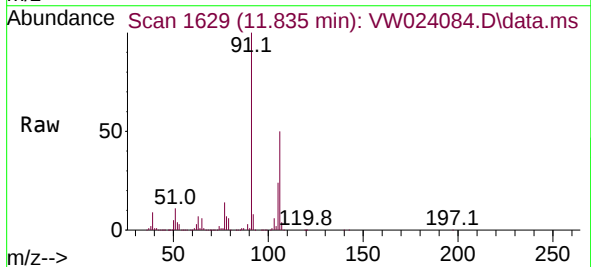
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

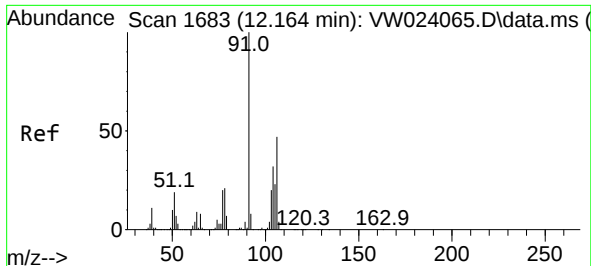
Tgt Ion: 91 Resp: 461167
Ion Ratio Lower Upper
91 100
106 30.2 21.0 39.0



#53
m,p-Xylene
Concen: 27.889 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion: 106 Resp: 186112
Ion Ratio Lower Upper
106 100
91 200.9 142.9 265.3

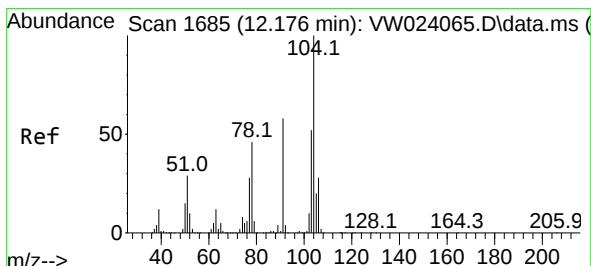
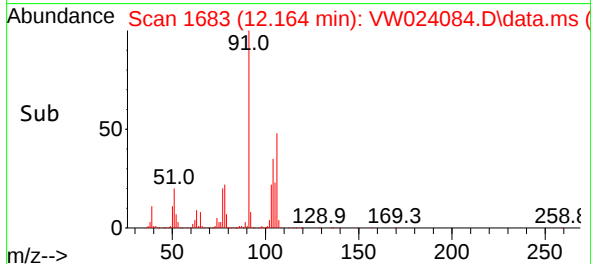
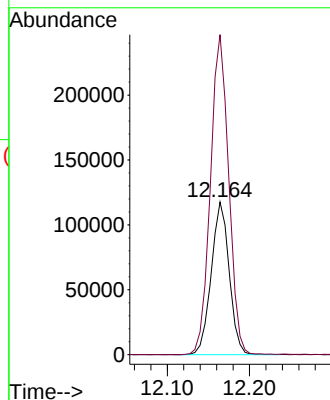
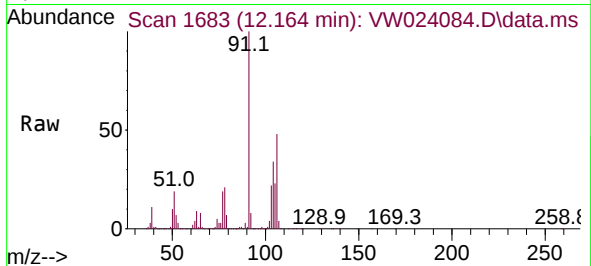




#54
o-Xylene
Concen: 27.952 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

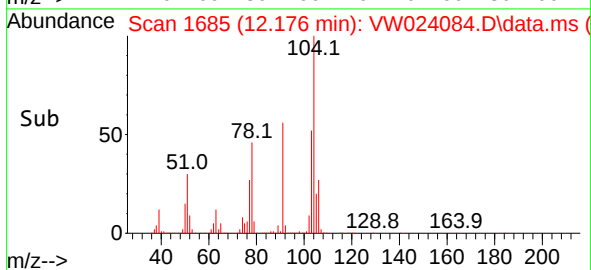
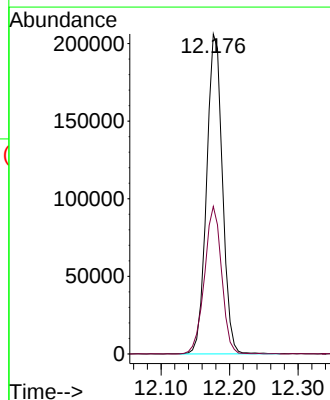
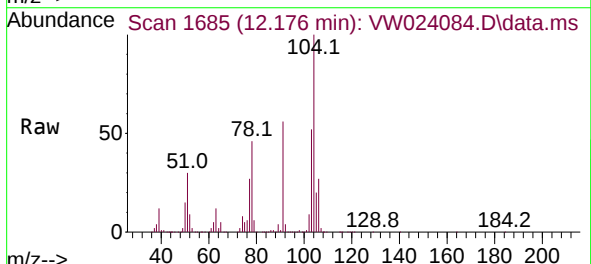
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

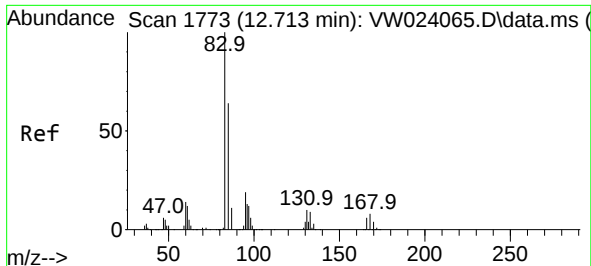
Tgt Ion:106 Resp: 178383
Ion Ratio Lower Upper
106 100
91 209.6 150.6 279.6



#55
Styrene
Concen: 28.968 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion:104 Resp: 331194
Ion Ratio Lower Upper
104 100
78 46.1 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.443 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

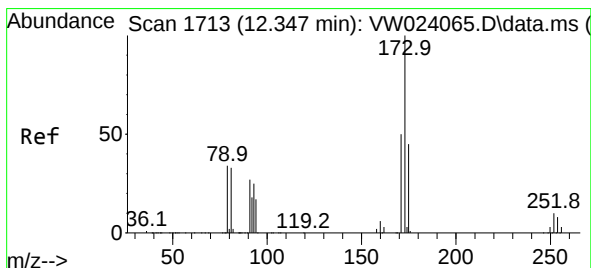
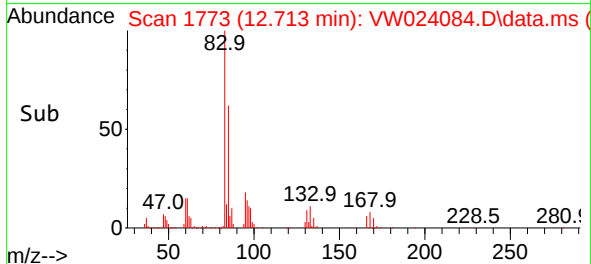
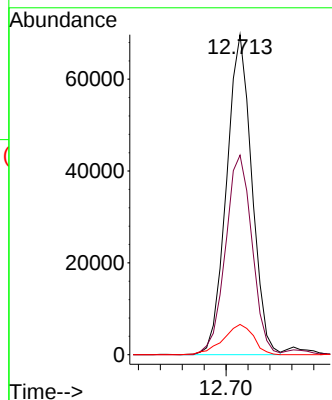
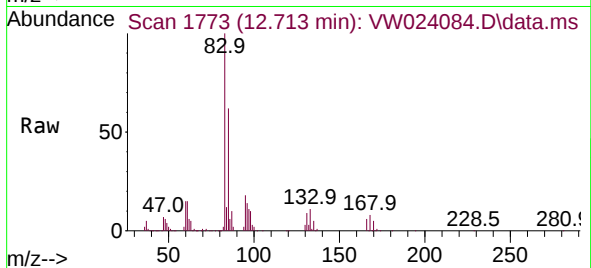
Tgt Ion: 83 Resp: 111640

Ion Ratio Lower Upper

83 100

85 62.4 44.4 82.5

131 9.4 7.5 11.3



#59

Bromoform

Concen: 24.603 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

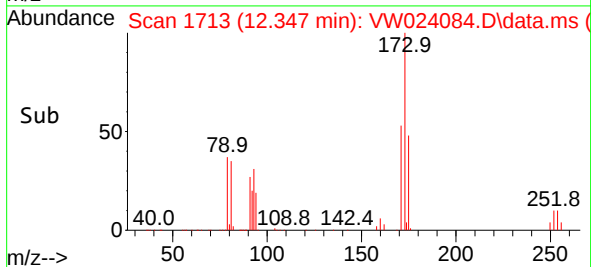
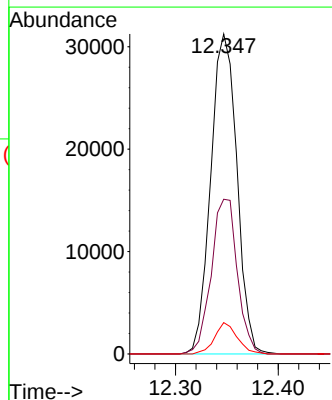
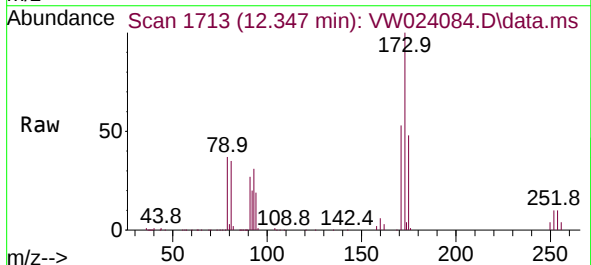
Tgt Ion: 173 Resp: 55303

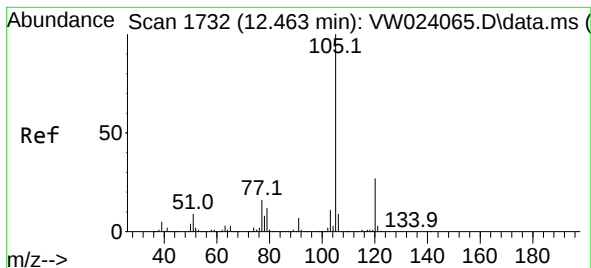
Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 8.5 7.0 10.4





#60

Isopropylbenzene

Concen: 25.985 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

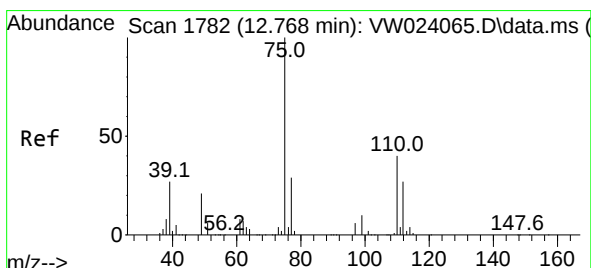
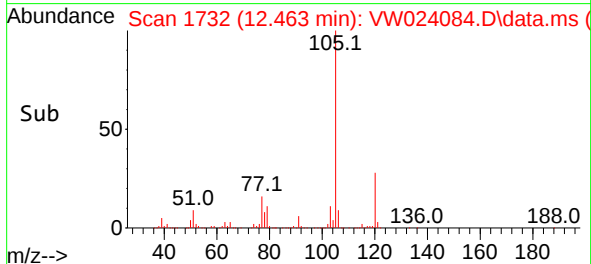
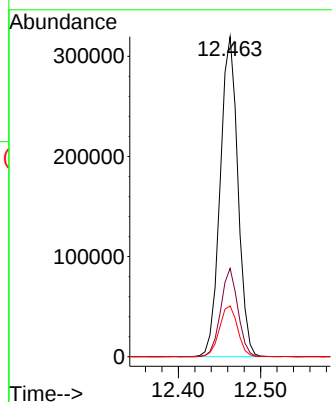
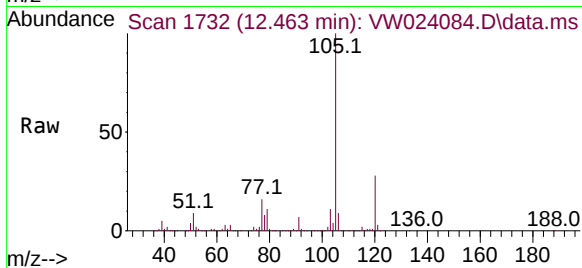
Tgt Ion:105 Resp: 478650

Ion Ratio Lower Upper

105 100

120 26.7 21.1 31.7

77 16.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 24.448 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

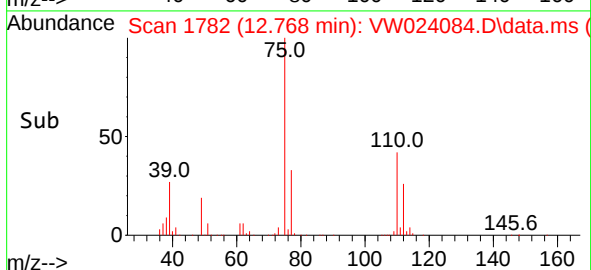
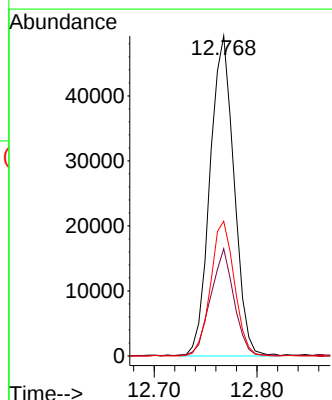
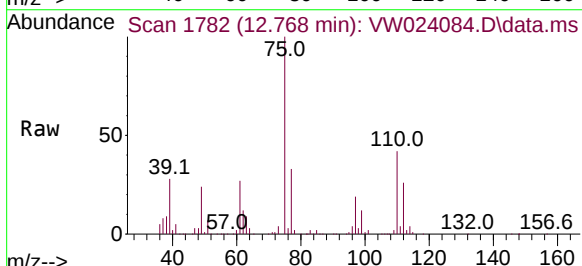
Tgt Ion: 75 Resp: 79913

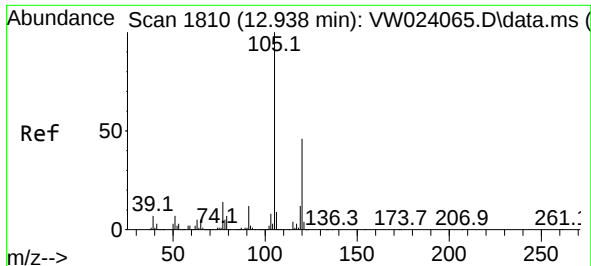
Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

110 41.5 33.0 49.4

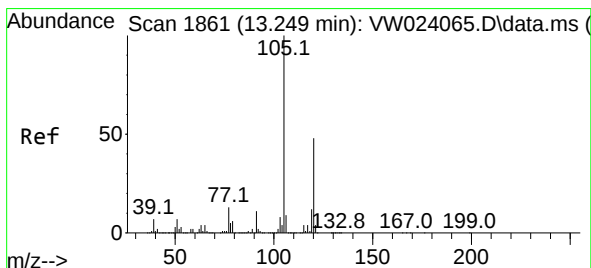
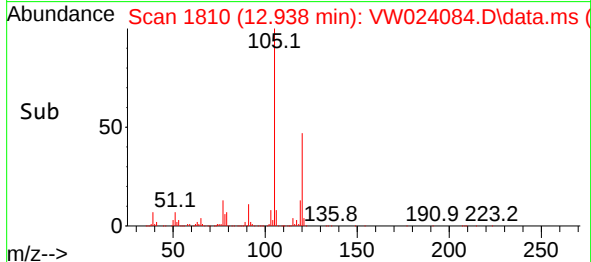
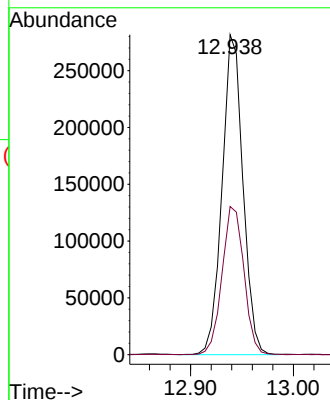
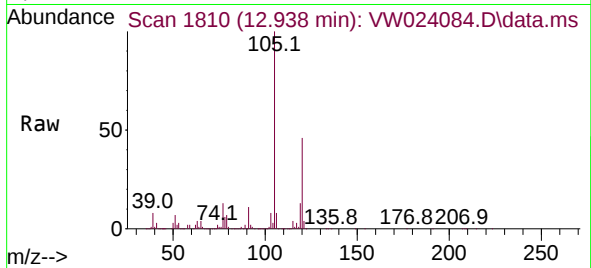




#62
 1,3,5-Trimethylbenzene
 Concen: 26.753 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024084.D
 Acq: 25 Jul 2022 21:52

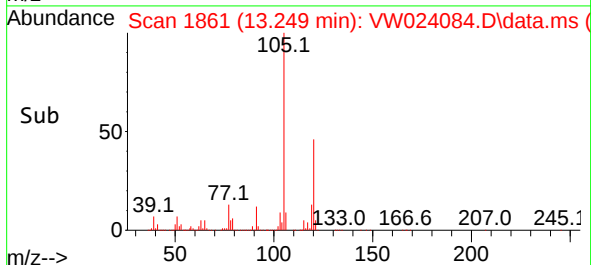
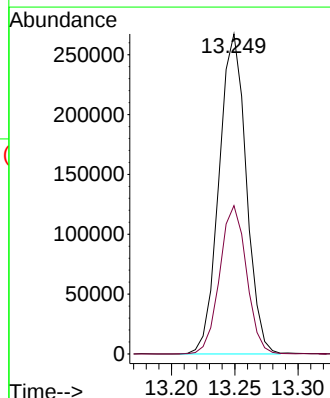
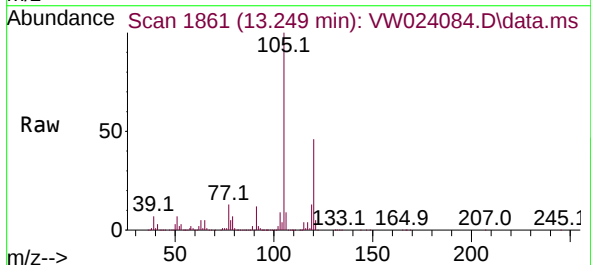
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

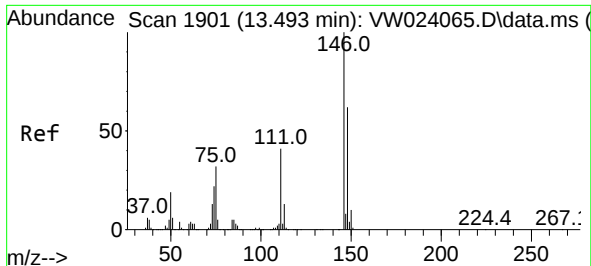
Tgt Ion:105 Resp: 396464
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 26.624 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024084.D
 Acq: 25 Jul 2022 21:52

Tgt Ion:105 Resp: 399329
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.1 54.1

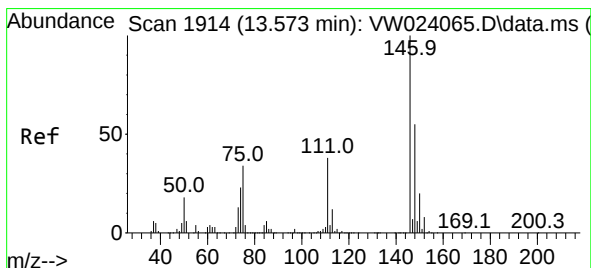
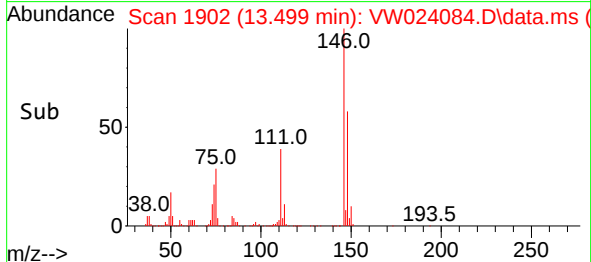
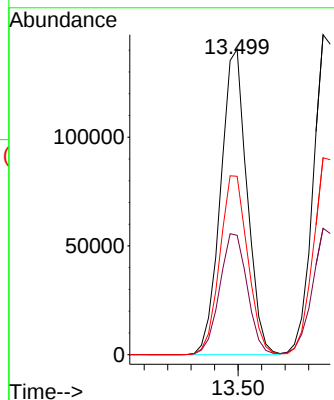
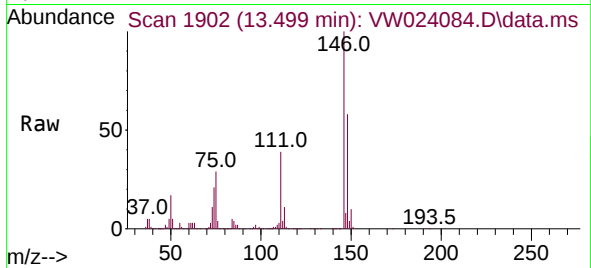




#64
1,3-Dichlorobenzene
Concen: 24.906 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

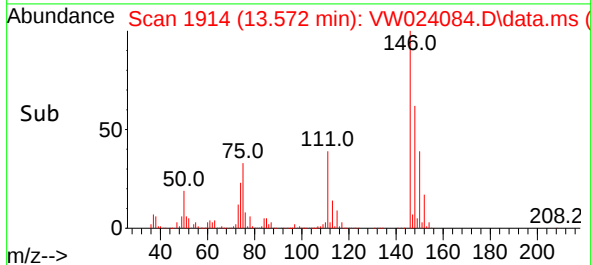
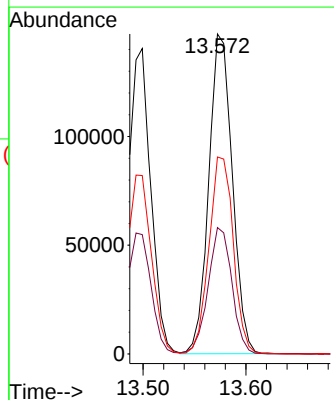
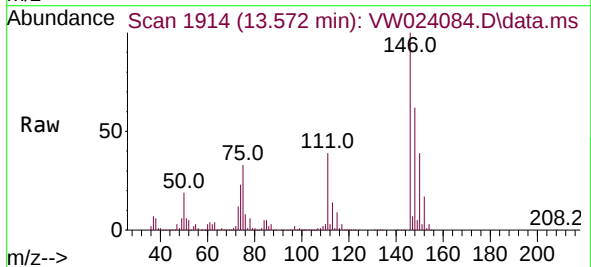
Instrument :
MSVOA_W
ClientSampleId :
VSTD025507

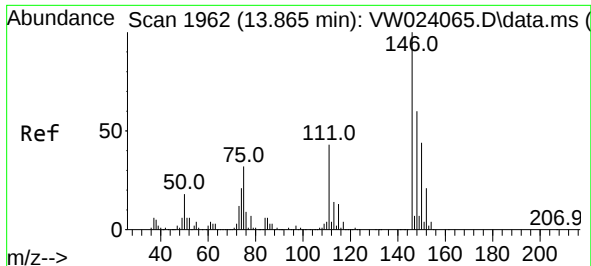
Tgt Ion:146 Resp: 219418
Ion Ratio Lower Upper
146 100
111 39.1 26.4 49.0
148 58.4 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 25.023 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024084.D
Acq: 25 Jul 2022 21:52

Tgt Ion:146 Resp: 234016
Ion Ratio Lower Upper
146 100
111 39.5 27.9 51.9
148 61.5 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 25.868 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

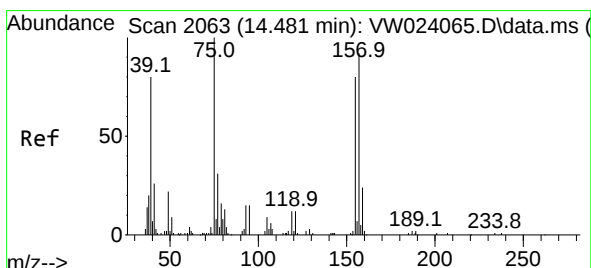
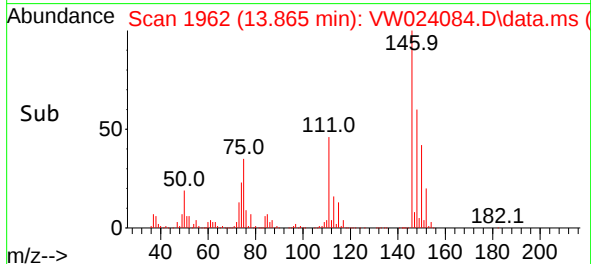
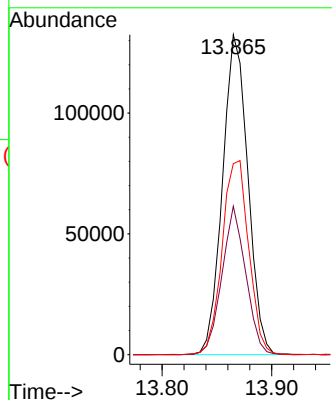
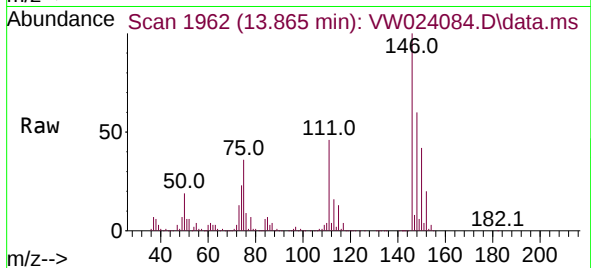
Tgt Ion:146 Resp: 213169

Ion Ratio Lower Upper

146 100

111 46.4 33.9 50.9

148 59.7 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.068 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

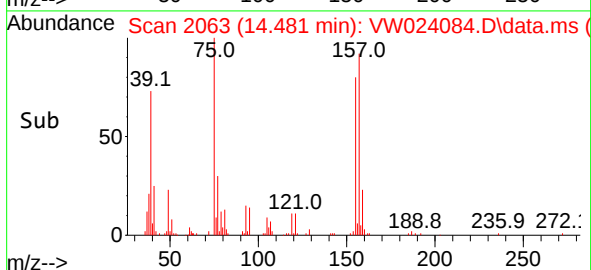
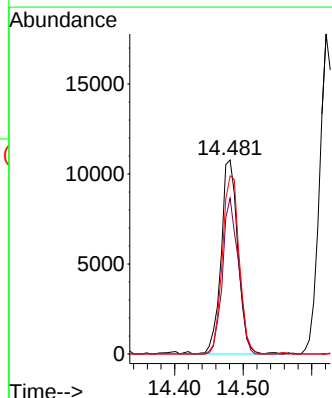
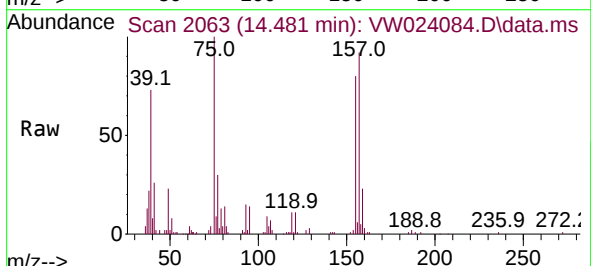
Tgt Ion: 75 Resp: 18309

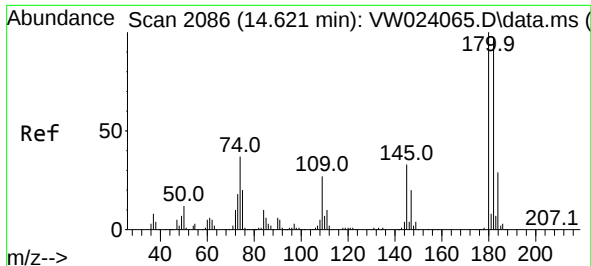
Ion Ratio Lower Upper

75 100

155 80.2 58.6 88.0

157 91.8 64.0 96.0

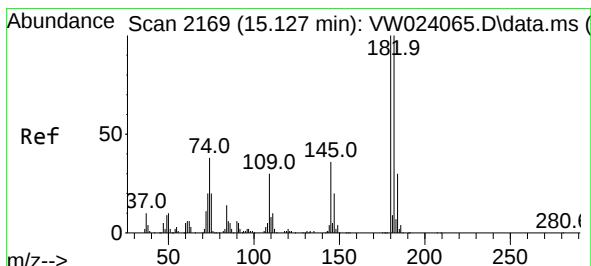
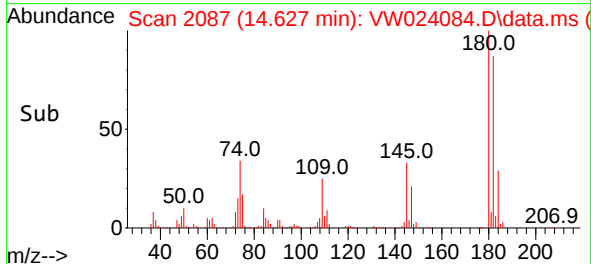
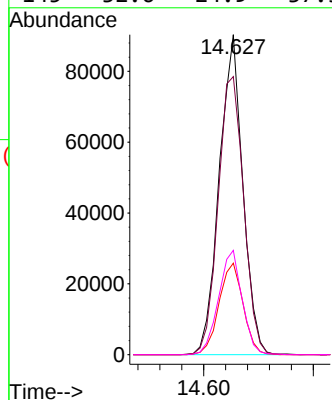
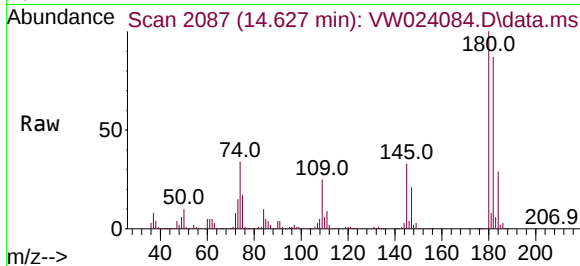




#69
 1,3,5-Trichlorobenzene
 Concen: 23.970 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW024084.D
 Acq: 25 Jul 2022 21:52

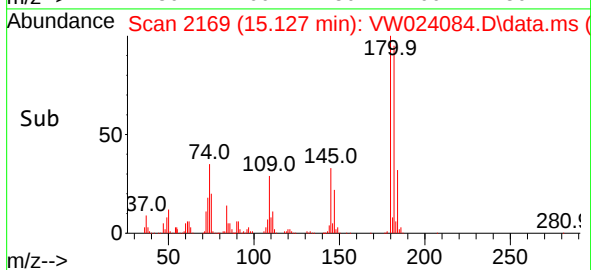
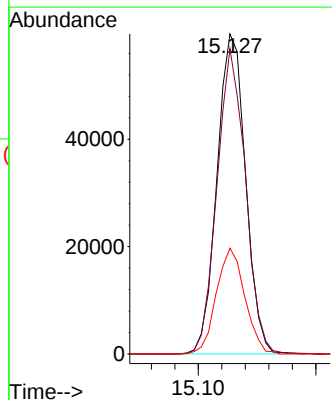
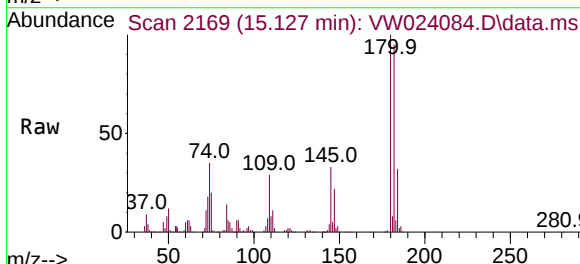
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

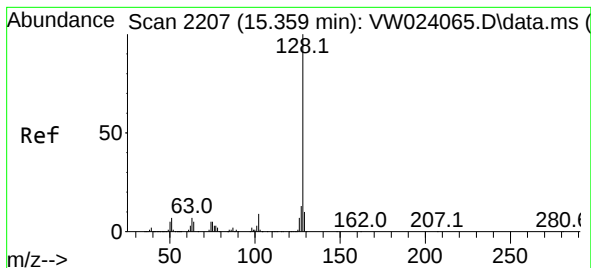
Tgt Ion:180 Resp: 134662
 Ion Ratio Lower Upper
 180 100
 182 94.4 73.9 110.9
 184 29.3 23.5 35.3
 145 32.6 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 23.652 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW024084.D
 Acq: 25 Jul 2022 21:52

Tgt Ion:180 Resp: 100684
 Ion Ratio Lower Upper
 180 100
 182 94.7 72.0 108.0
 145 32.9 24.9 37.3





#71

Naphthalene

Concen: 27.380 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025507

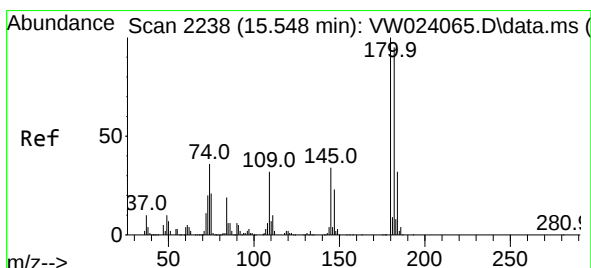
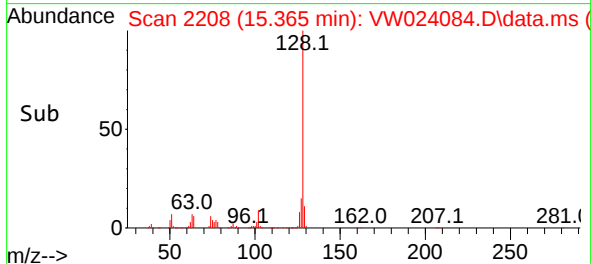
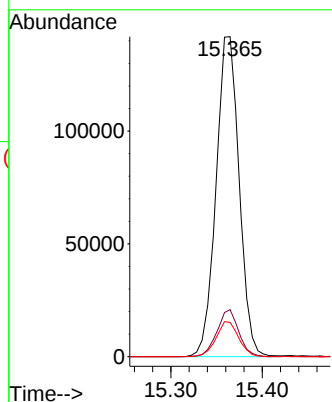
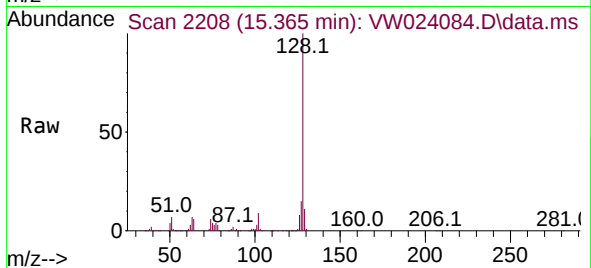
Tgt Ion:128 Resp: 249398

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 10.8 9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 24.219 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024084.D

Acq: 25 Jul 2022 21:52

Tgt Ion:180 Resp: 96978

Ion Ratio Lower Upper

180 100

182 95.2 77.8 116.8

145 35.0 27.6 41.4

