

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100322\
 Data File : VW024702.D
 Acq On : 03 Oct 2022 10:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Oct 04 07:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	509367	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	460007	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	214478	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	147299	27.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.560%
7) Chloroethane-d5	2.885	69	84250	27.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	4.025	63	322897	26.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.720%
21) 2-Butanone-d5	7.080	46	93670	48.888	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.780%
24) Chloroform-d	7.647	84	350504	25.740	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.305	65	175843	24.893	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.560%
32) Benzene-d6	8.275	84	717762	24.412	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.640%
36) 1,2-Dichloropropane-d6	9.274	67	221528	24.660	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	10.323	98	625329	23.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	10.573	79	84833	21.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.840%
47) 2-Hexanone-d5	10.920	63	72102	46.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	161635	25.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	13.847	152	197467	26.164	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	67020	21.431	ug/L	88
3) Chloromethane	2.221	50	144330	23.700	ug/L	97
5) Vinyl chloride	2.367	62	217650	34.760	ug/L	98
6) Bromomethane	2.782	94	98140	33.961	ug/L	92
8) Chloroethane	2.928	64	83140	31.495	ug/L	96
9) Trichlorofluoromethane	3.263	101	99439	28.387	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	201993	30.233	ug/L #	78
12) 1,1-Dichloroethene	4.050	96	198941	29.855	ug/L	84
13) Acetone	4.129	43	79848	57.118	ug/L	97
14) Carbon disulfide	4.391	76	646652	30.741	ug/L	99
15) Methyl Acetate	4.672	43	81679	26.387	ug/L	100
16) Methylene chloride	4.922	84	206950	20.688	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	212585	28.394	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	314294	26.476	ug/L	100
19) 1,1-Dichloroethane	6.214	63	397027	28.344	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	230621	28.708	ug/L	97
22) 2-Butanone	7.171	43	115089	51.471	ug/L	100
23) Bromochloromethane	7.519	128	92402	28.301	ug/L	96
25) Chloroform	7.677	83	376164	28.320	ug/L	100

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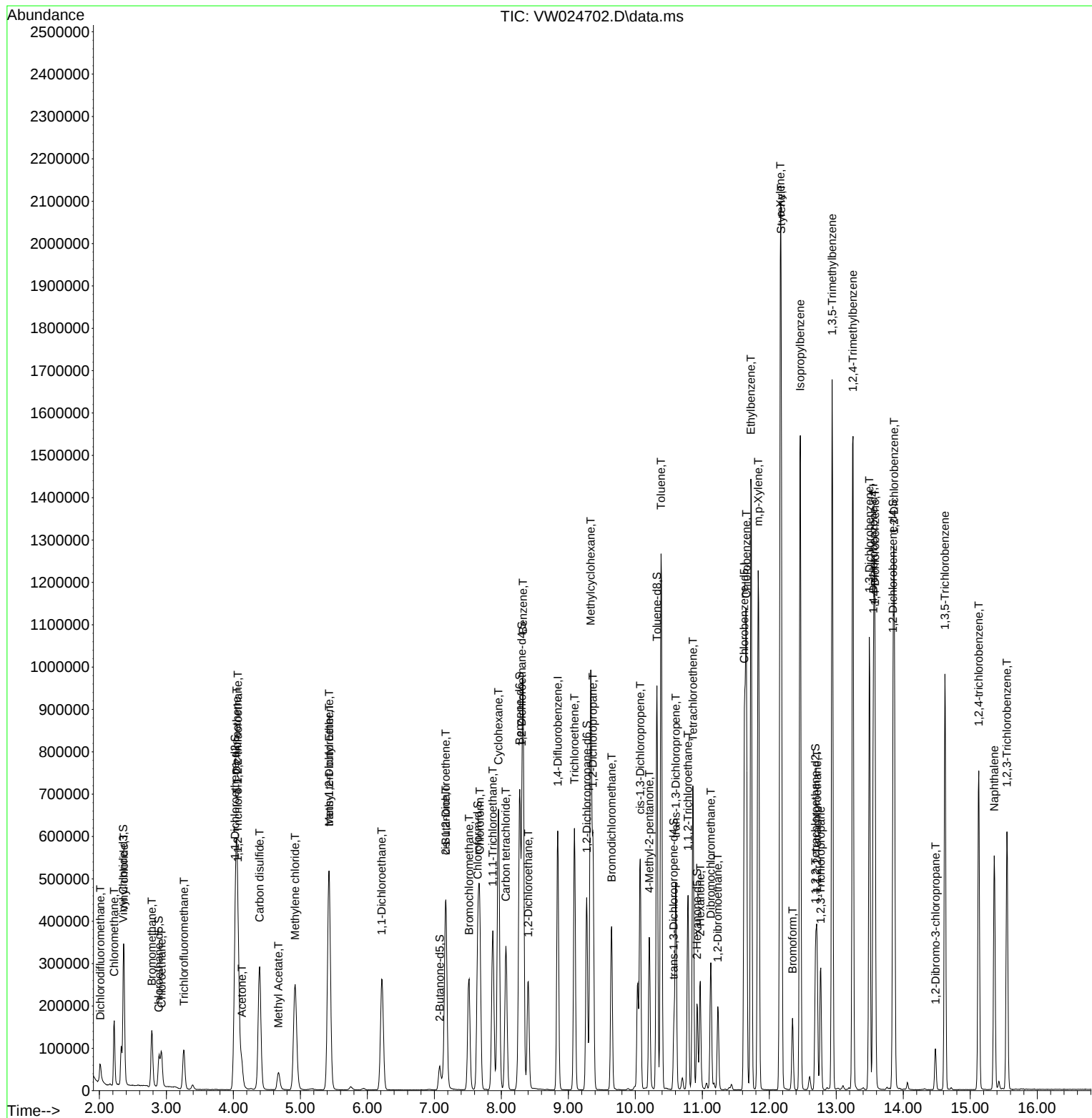
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	233832	27.977	ug/L	97
29) Cyclohexane	7.958	56	399684	27.896	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	302579	27.183	ug/L	99
31) Carbon tetrachloride	8.067	117	255932	27.151	ug/L	98
33) Benzene	8.323	78	894634	27.787	ug/L	100
34) Trichloroethene	9.092	95	224716	27.537	ug/L	96
35) Methylcyclohexane	9.335	83	414456	27.706	ug/L	100
37) 1,2-Dichloropropane	9.366	63	222979	28.053	ug/L	100
38) Bromodichloromethane	9.646	83	265294	27.134	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	328216	26.113	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	237721	50.528	ug/L	99
42) Toluene	10.384	91	924782	27.814	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	265687	24.655	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	144946	26.698	ug/L	99
46) Tetrachloroethene	10.860	164	156195	28.171	ug/L	93
48) 2-Hexanone	10.969	43	163723	51.463	ug/L	99
49) Dibromochloromethane	11.128	129	159414	26.076	ug/L	96
50) 1,2-Dibromoethane	11.231	107	135348	26.338	ug/L	97
51) Chlorobenzene	11.658	112	566956	27.850	ug/L	99
52) Ethylbenzene	11.725	91	1033897	28.231	ug/L	99
53) m,p-Xylene	11.835	106	395631	27.665	ug/L	99
54) o-Xylene	12.164	106	379639	28.112	ug/L	96
55) Styrene	12.176	104	649983	28.551	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	170591	26.836	ug/L	98
59) Bromoform	12.347	173	75609	24.939	ug/L	98
60) Isopropylbenzene	12.463	105	1012122	28.954	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	125782	27.225	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	889865	29.289	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	867920	29.160	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	395424	27.844	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	397584	28.759	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	354164	28.632	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	25992	23.790	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	273681	29.024	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	223120	28.166	ug/L	99
71) Naphthalene	15.359	128	462918	26.839	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	190961	28.324	ug/L	95

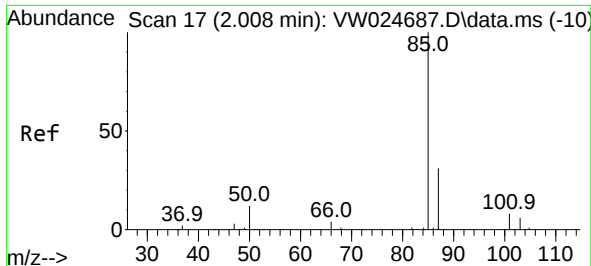
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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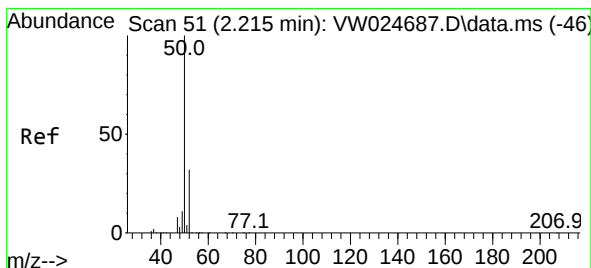
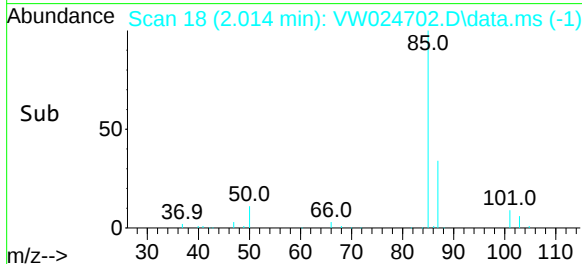
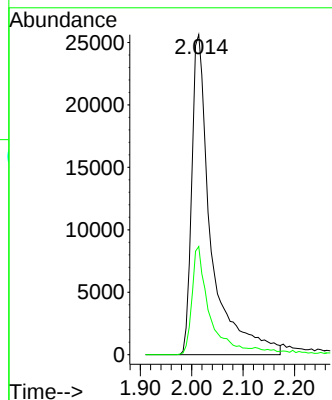
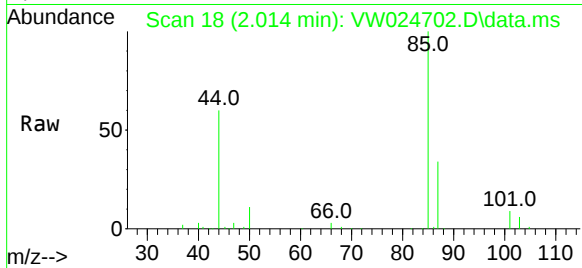




#2
 Dichlorodifluoromethane
 Concen: 21.431 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024702.D
 Acq: 03 Oct 2022 10:14

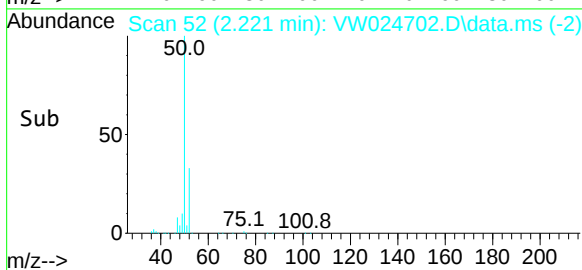
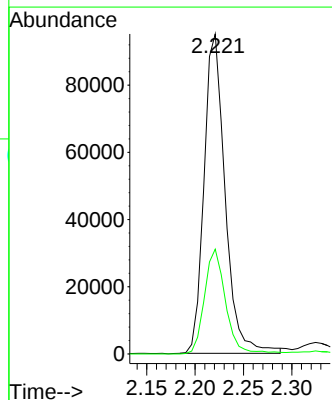
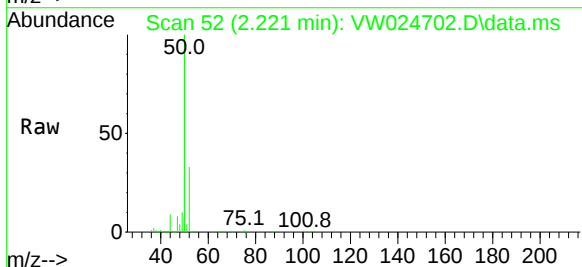
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 ClientSampleId :
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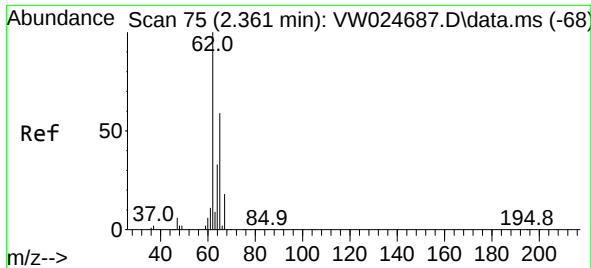
Tgt Ion: 85 Resp: 67020
 Ion Ratio Lower Upper
 85 100
 87 29.2 28.8 43.2



#3
 Chloromethane
 Concen: 23.700 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW024702.D
 Acq: 03 Oct 2022 10:14

Tgt Ion: 50 Resp: 144330
 Ion Ratio Lower Upper
 50 100
 52 32.8 21.7 40.3

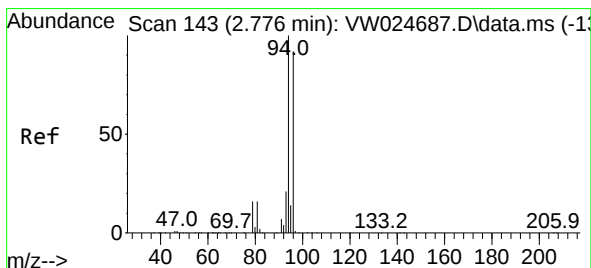
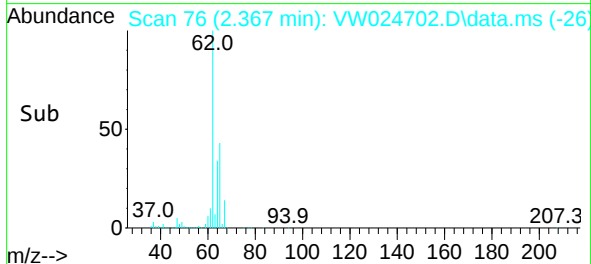
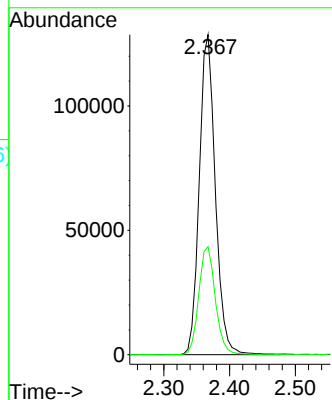
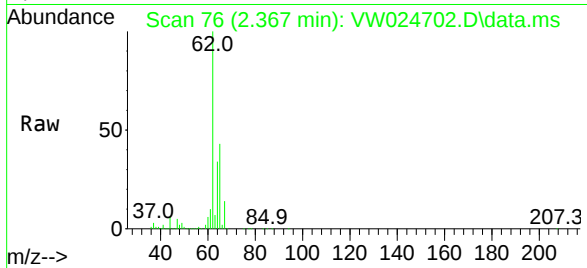




#5
 Vinyl chloride
 Concen: 34.760 ug/L
 RT: 2.367 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VW024702.D
 Acq: 03 Oct 2022 10:14

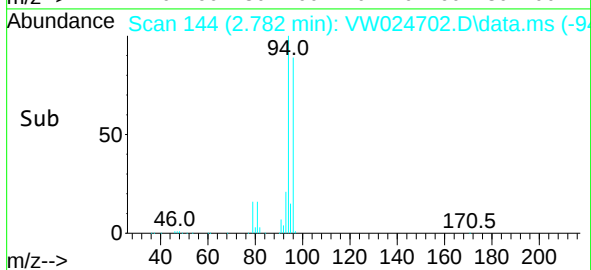
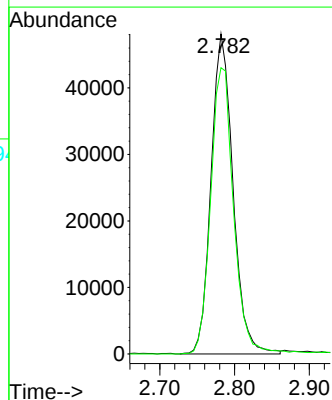
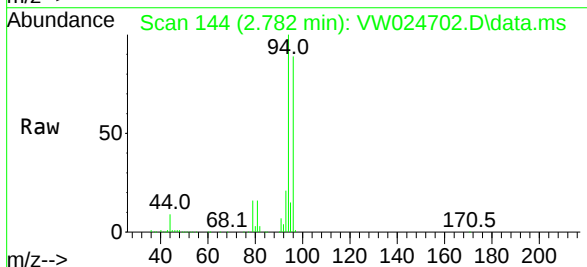
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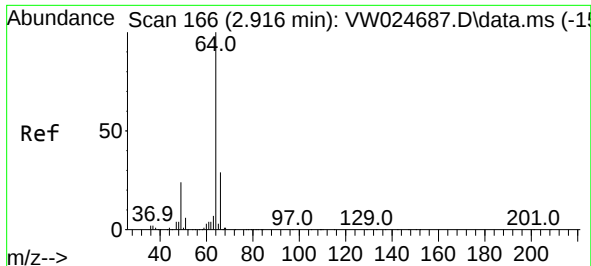
Tgt Ion: 62 Resp: 217650
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.4 45.2



#6
 Bromomethane
 Concen: 33.961 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024702.D
 Acq: 03 Oct 2022 10:14

Tgt Ion: 94 Resp: 98140
 Ion Ratio Lower Upper
 94 100
 96 89.5 68.0 126.2

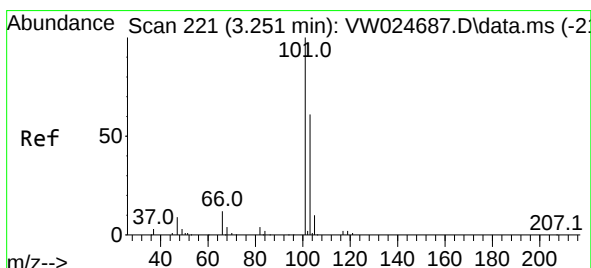
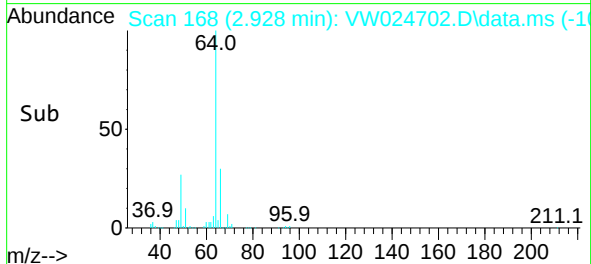
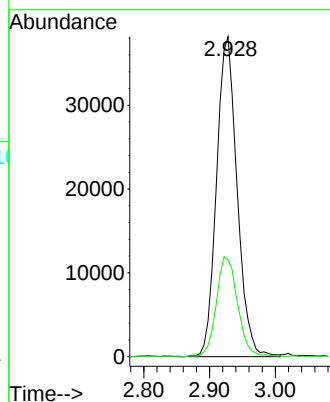
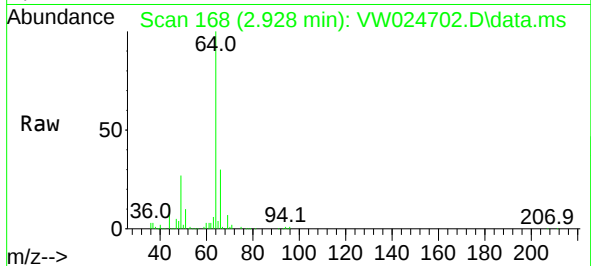




#8
Chloroethane
Concen: 31.495 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.012 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

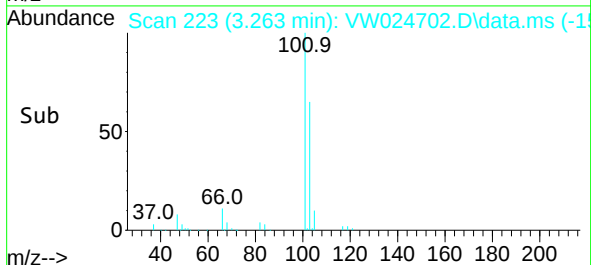
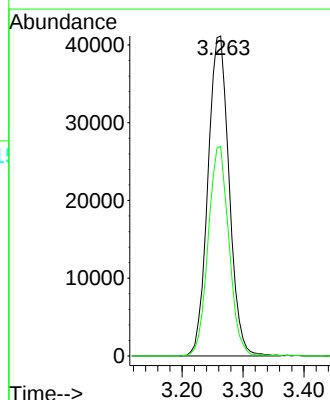
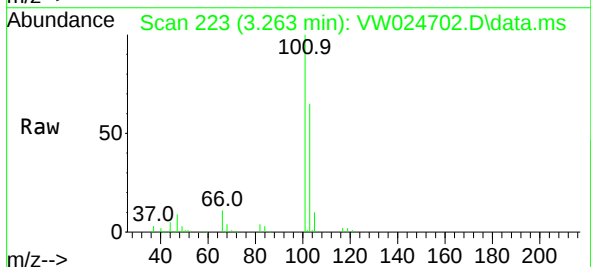
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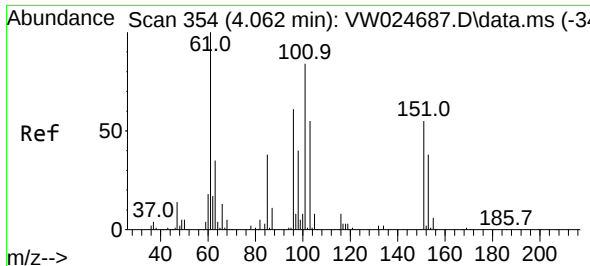
Tgt Ion: 64 Resp: 83140
Ion Ratio Lower Upper
64 100
66 30.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 28.387 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.012 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion: 101 Resp: 99439
Ion Ratio Lower Upper
101 100
103 63.8 53.4 80.2

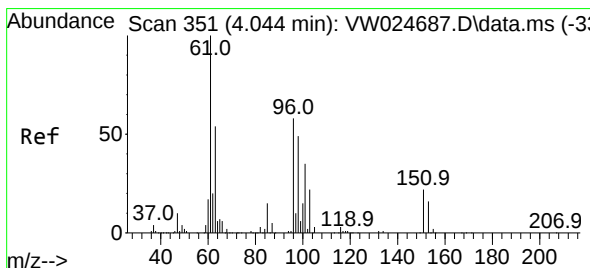
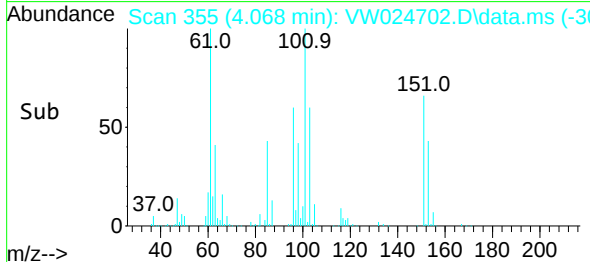
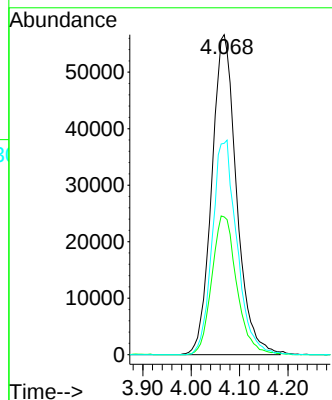
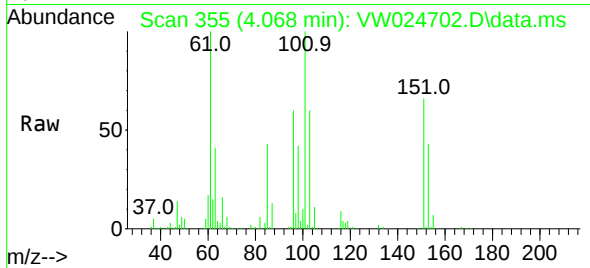




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 30.233 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW024702.D
 Acq: 03 Oct 2022 10:14

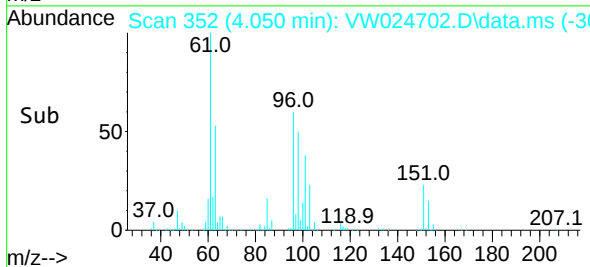
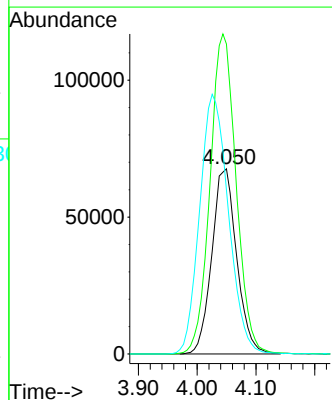
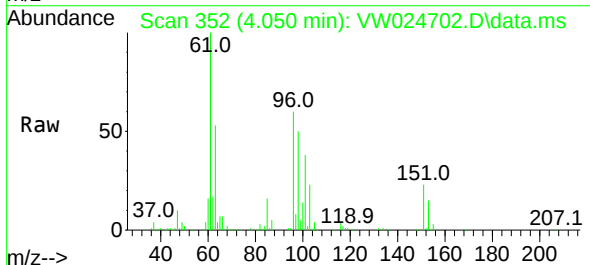
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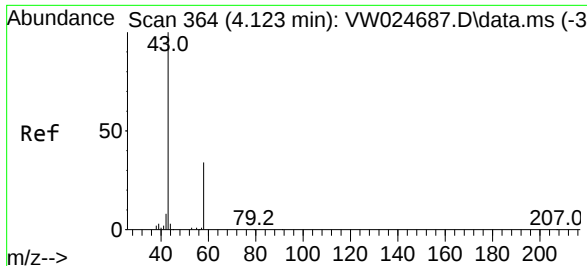
Tgt Ion:101 Resp: 201993
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.9 52.3
 151 66.4 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 29.855 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW024702.D
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Tgt Ion: 96 Resp: 198941
 Ion Ratio Lower Upper
 96 100
 61 167.4 124.5 231.1
 63 88.6 84.1 156.1

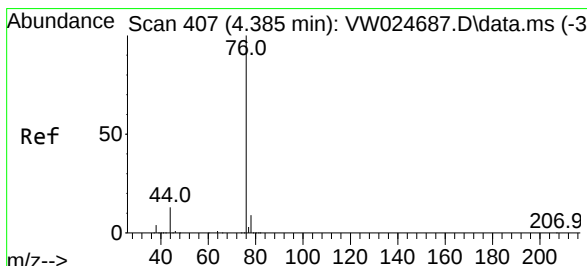
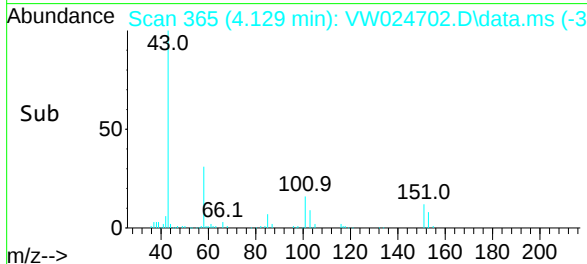
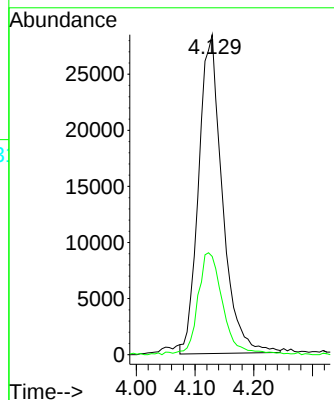
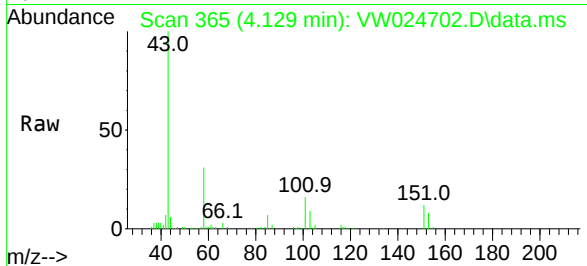




#13
 Acetone
 Concen: 57.118 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
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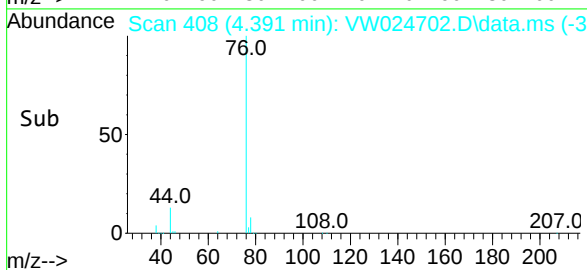
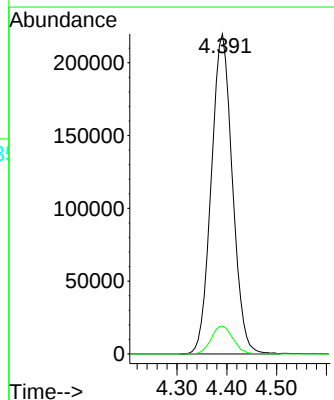
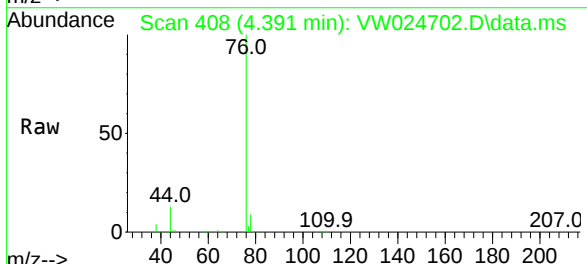
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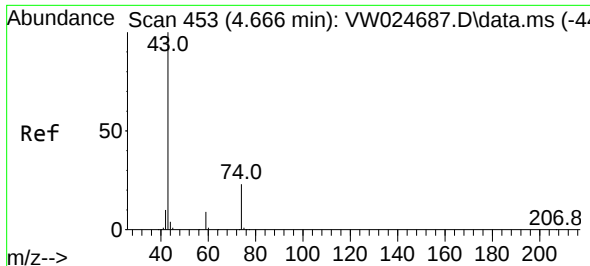
Tgt Ion: 43 Resp: 79848
 Ion Ratio Lower Upper
 43 100
 58 31.9 0.0 67.6



#14
 Carbon disulfide
 Concen: 30.741 ug/L
 RT: 4.391 min Scan# 408
 Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 646652
 Ion Ratio Lower Upper
 76 100
 78 8.7 7.2 10.8

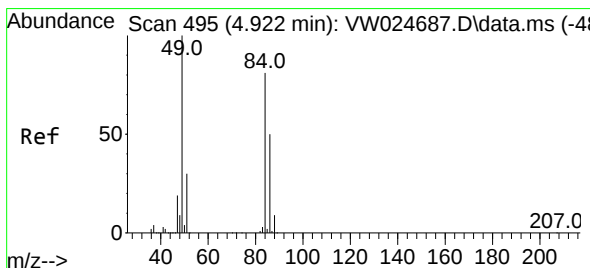
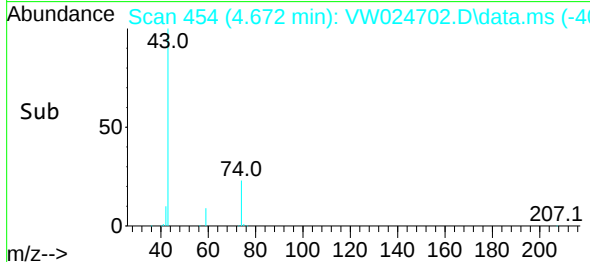
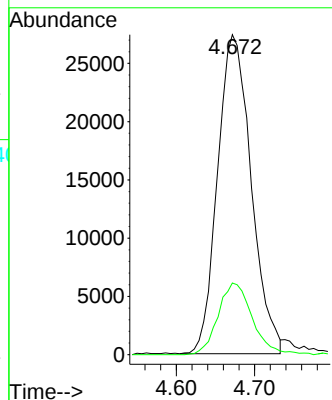
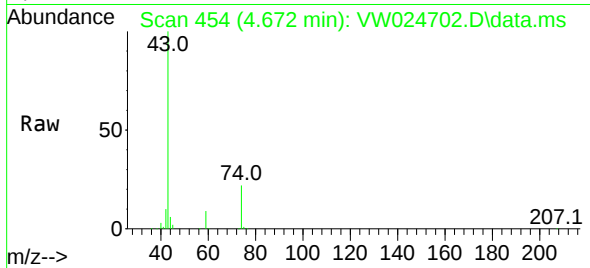




#15
Methyl Acetate
Concen: 26.387 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

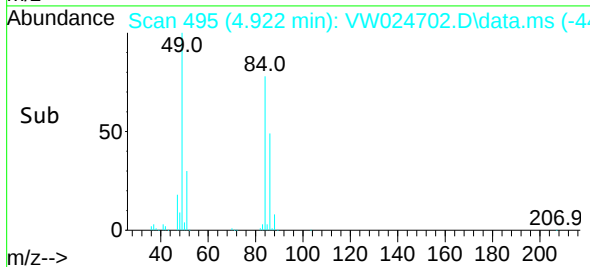
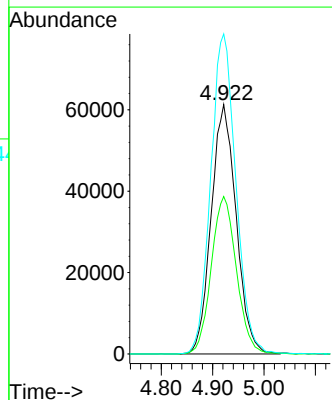
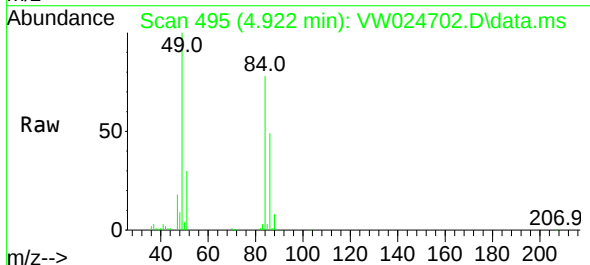
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

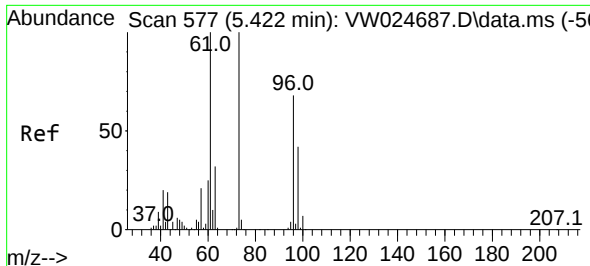
Tgt Ion: 43 Resp: 81679
Ion Ratio Lower Upper
43 100
74 22.5 18.1 27.1



#16
Methylene chloride
Concen: 20.688 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion: 84 Resp: 206950
Ion Ratio Lower Upper
84 100
86 63.1 44.0 81.8
49 128.3 87.4 162.2

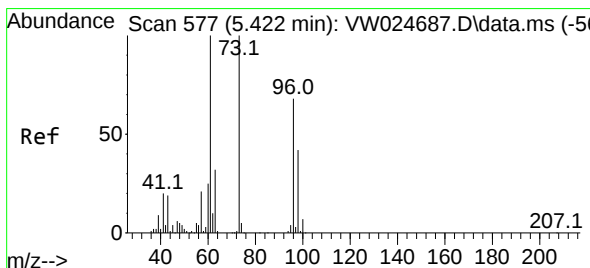
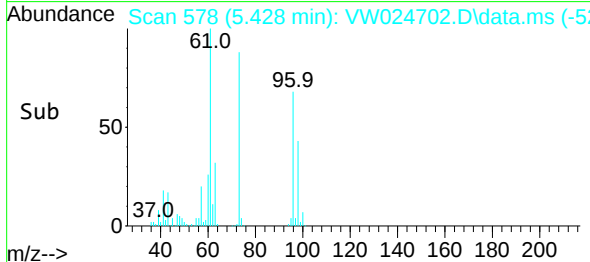
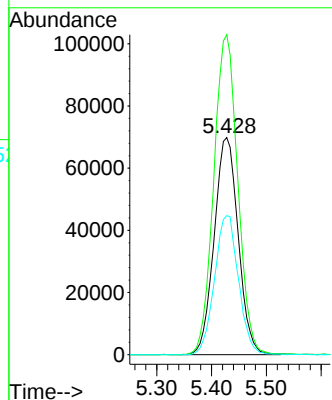
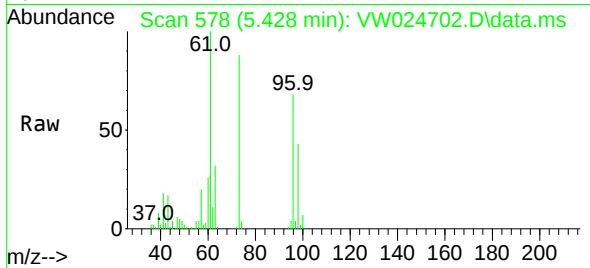




#17
trans-1,2-Dichloroethene
Concen: 28.394 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

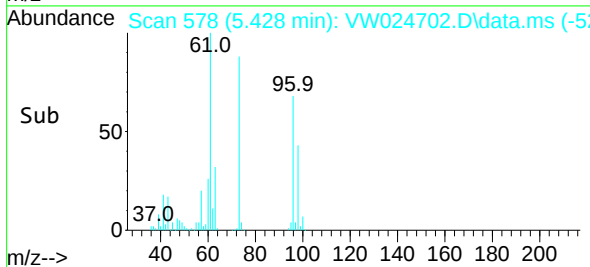
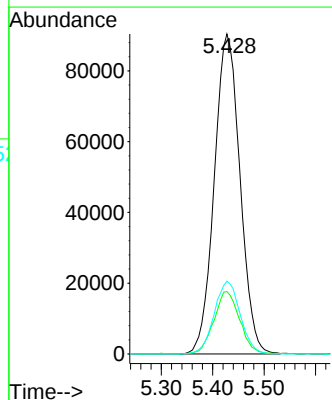
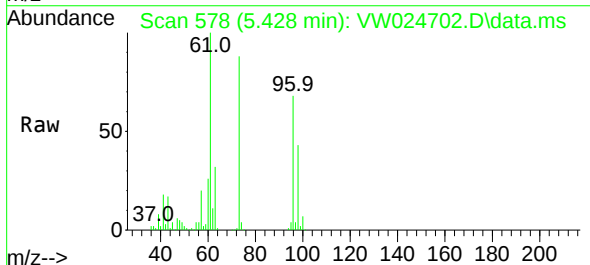
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

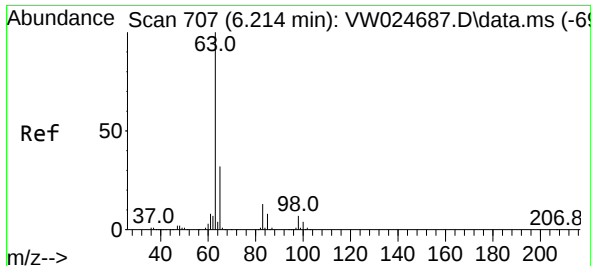
Tgt Ion: 96 Resp: 212585
Ion Ratio Lower Upper
96 100
61 147.3 106.3 197.5
98 64.0 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 26.476 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion: 73 Resp: 314294
Ion Ratio Lower Upper
73 100
43 19.6 15.6 23.4
57 22.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 28.344 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

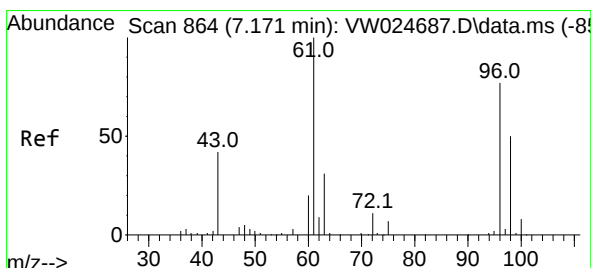
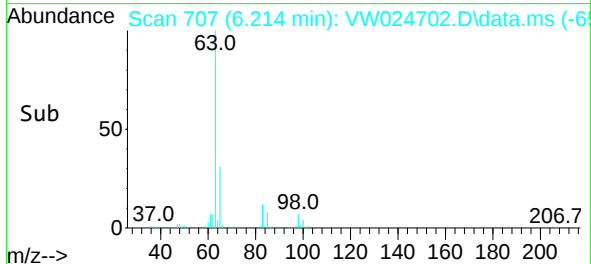
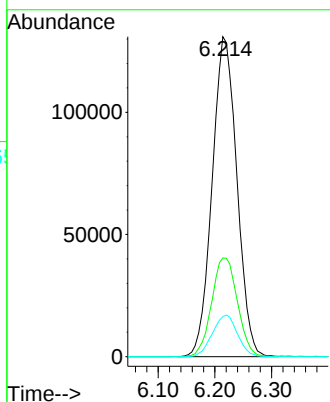
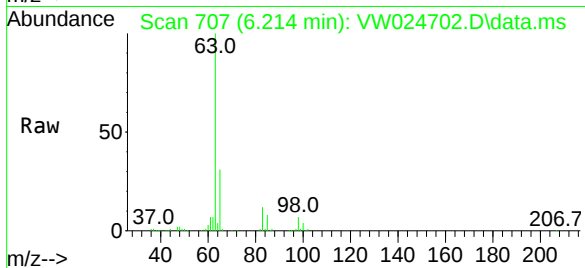
Tgt Ion: 63 Resp: 397027

Ion Ratio Lower Upper

63 100

65 30.8 23.7 43.9

83 12.5 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 28.708 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

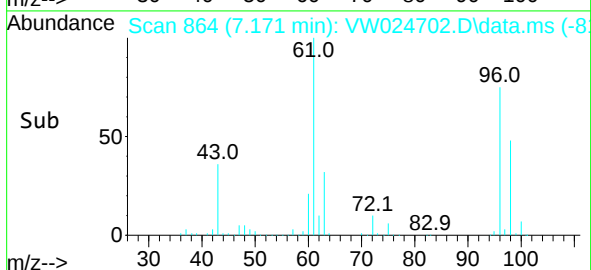
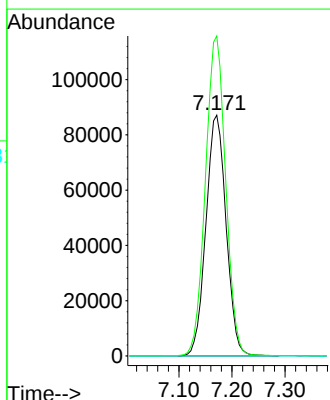
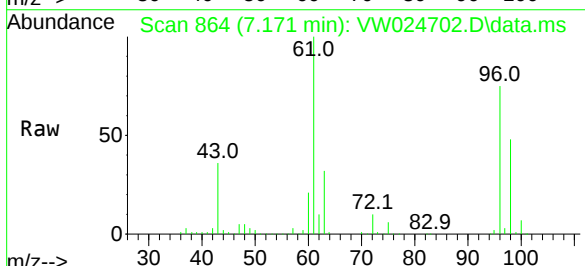
Tgt Ion: 96 Resp: 230621

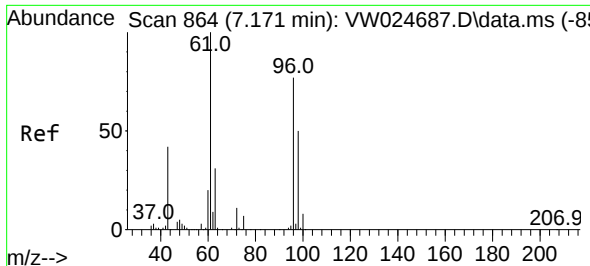
Ion Ratio Lower Upper

96 100

61 132.8 90.2 167.4

68 0.0 0.0 0.0

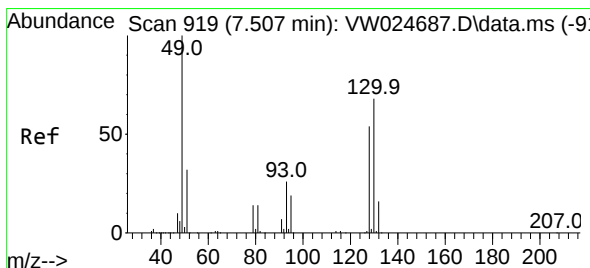
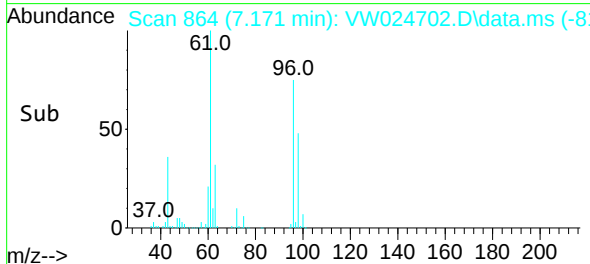
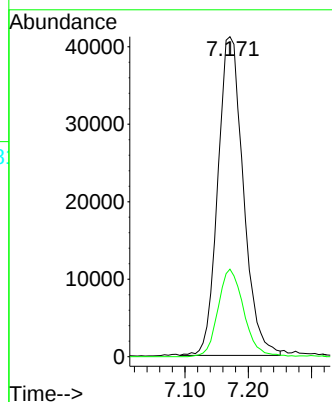
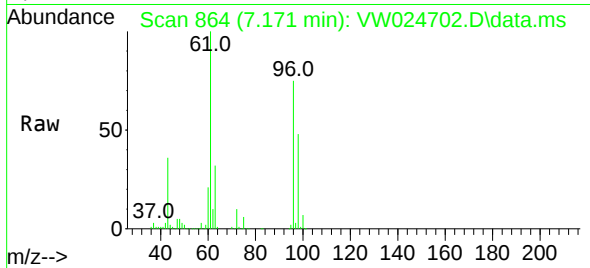




#22
2-Butanone
Concen: 51.471 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

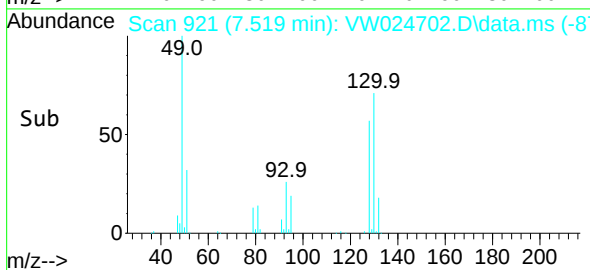
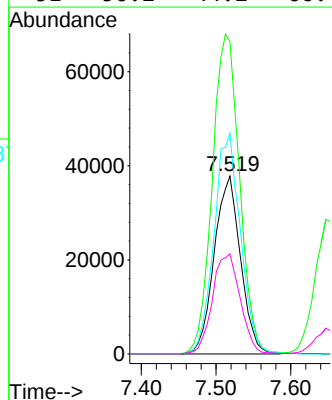
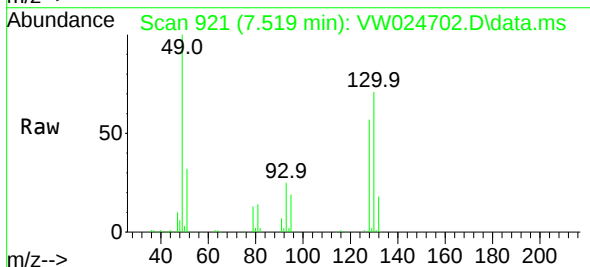
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

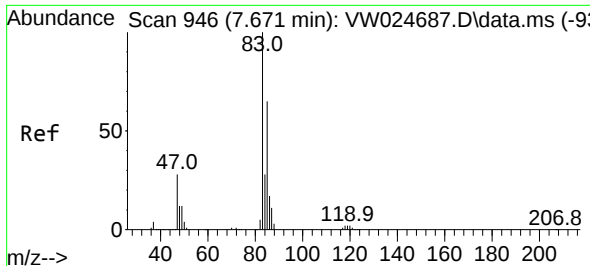
Tgt Ion: 43 Resp: 115089
Ion Ratio Lower Upper
43 100
72 27.7 13.8 41.3



#23
Bromochloromethane
Concen: 28.301 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.012 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion: 128 Resp: 92402
Ion Ratio Lower Upper
128 100
49 175.5 127.3 236.3
130 124.0 90.2 167.4
51 56.2 44.2 66.4

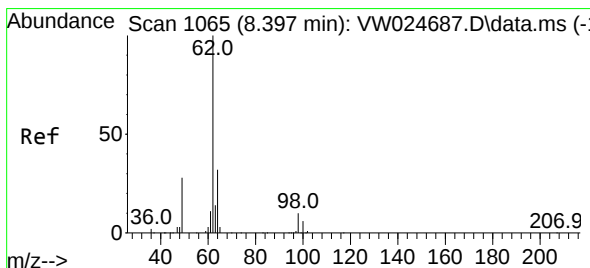
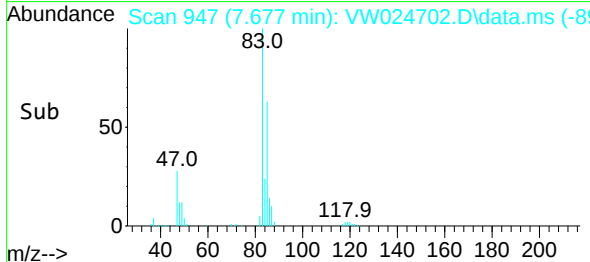
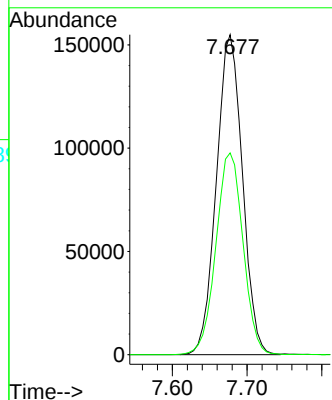
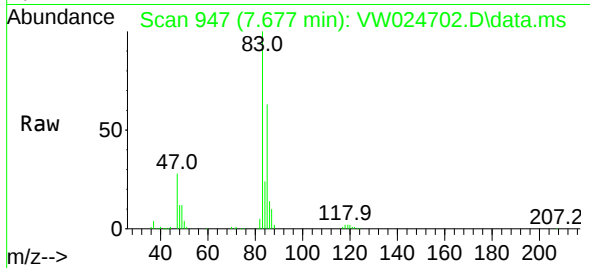




#25
Chloroform
Concen: 28.320 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

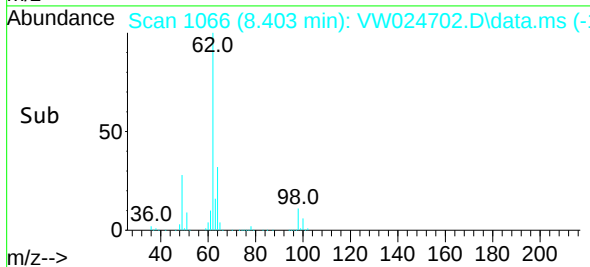
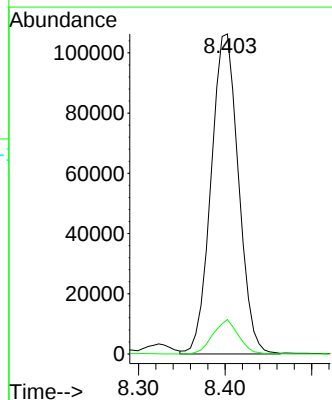
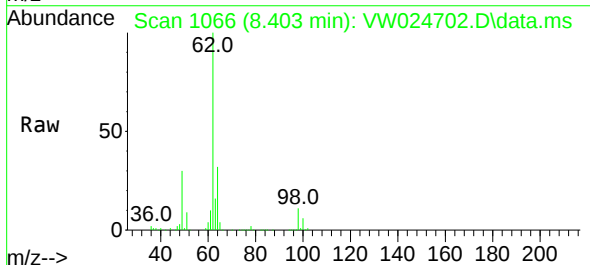
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

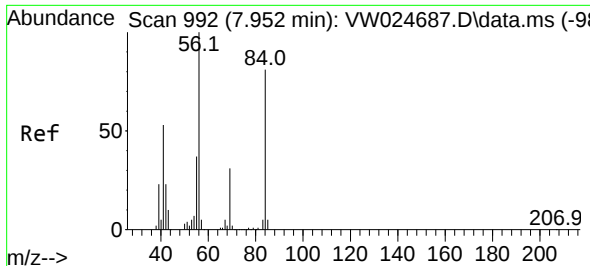
Tgt Ion: 83 Resp: 376164
Ion Ratio Lower Upper
83 100
85 63.0 44.0 81.8



#27
1,2-Dichloroethane
Concen: 27.977 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

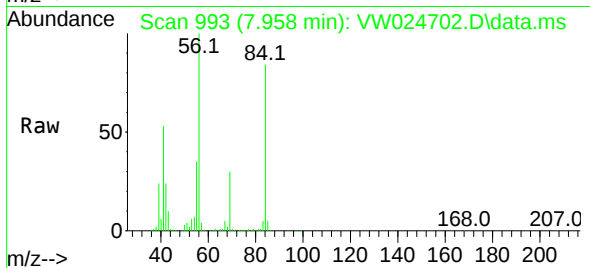
Tgt Ion: 62 Resp: 233832
Ion Ratio Lower Upper
62 100
98 10.7 7.8 11.8



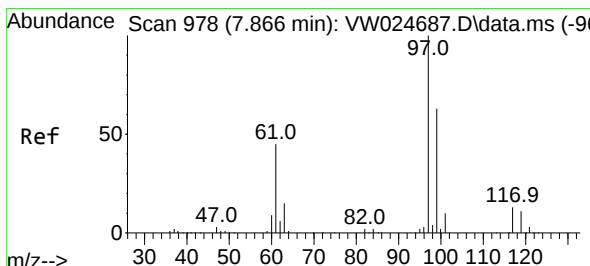
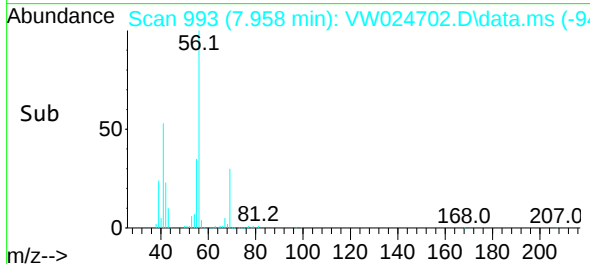
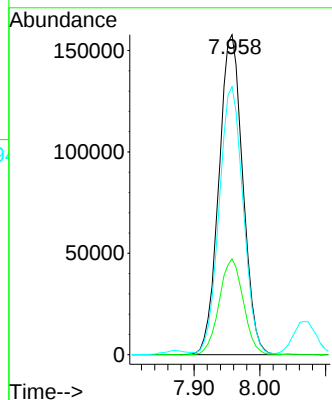


#29
Cyclohexane
Concen: 27.896 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

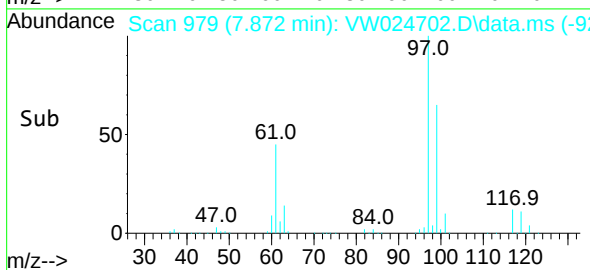
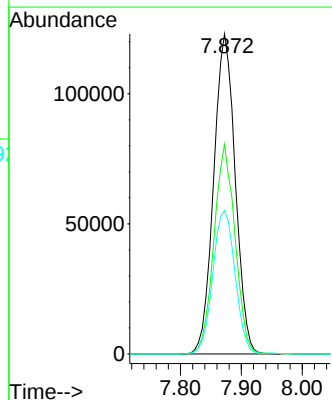
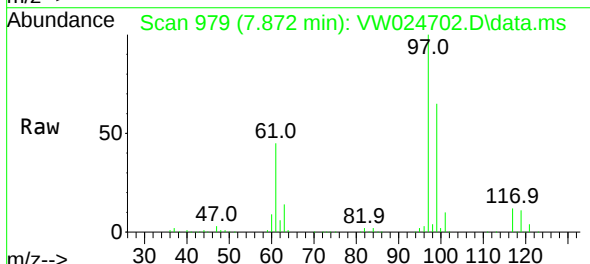


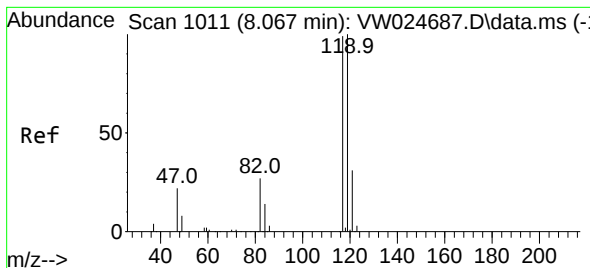
Tgt Ion: 56 Resp: 399684
Ion Ratio Lower Upper
56 100
69 30.1 25.0 37.4
84 84.3 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 27.183 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion: 97 Resp: 302579
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.4 35.8 53.6





#31

Carbon tetrachloride

Concen: 27.151 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

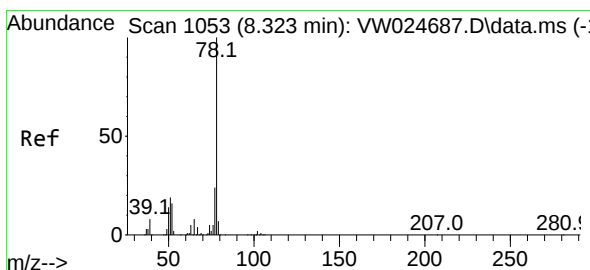
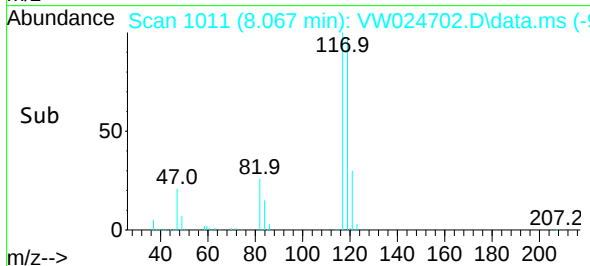
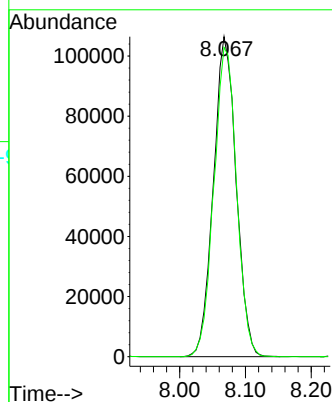
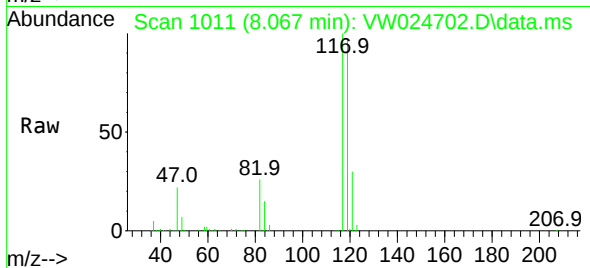
VSTD025582

Tgt Ion:117 Resp: 255932

Ion Ratio Lower Upper

117 100

119 96.9 76.2 114.2



#33

Benzene

Concen: 27.787 ug/L

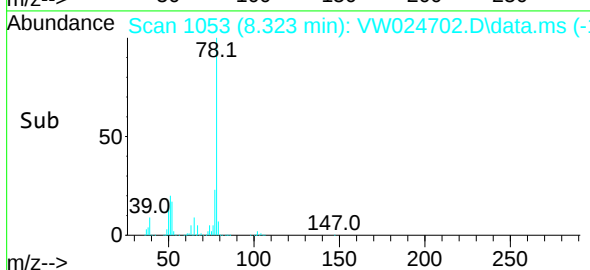
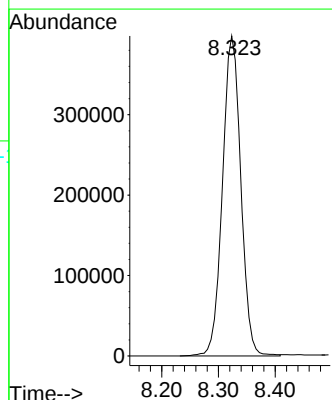
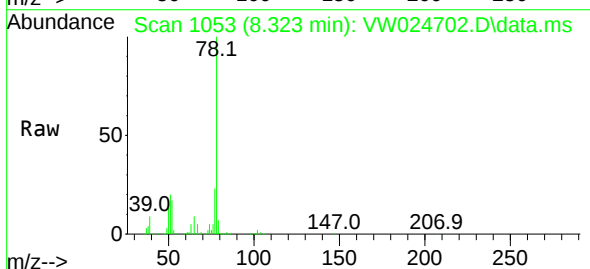
RT: 8.323 min Scan# 1053

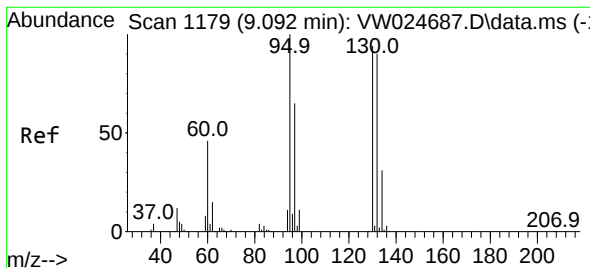
Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Tgt Ion: 78 Resp: 894634





#34

Trichloroethene

Concen: 27.537 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

Tgt Ion: 95 Resp: 224716

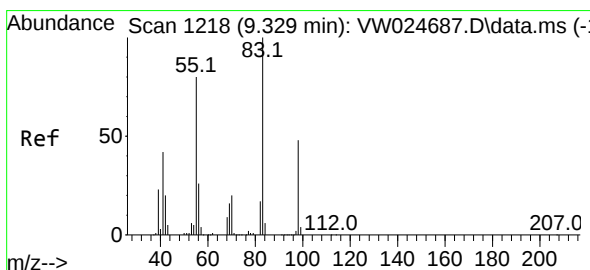
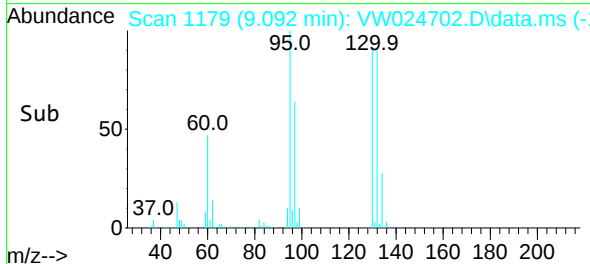
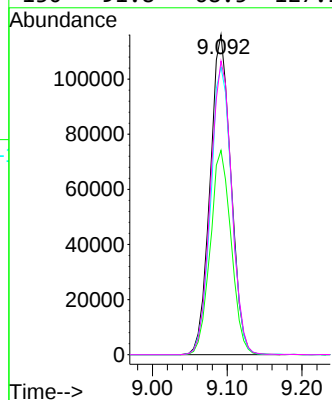
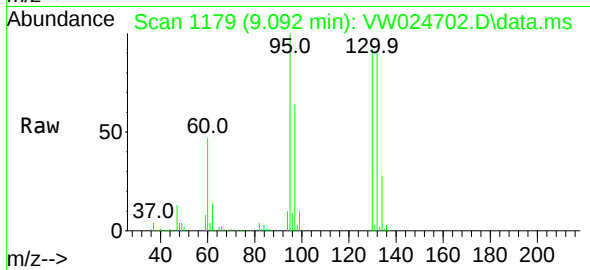
Ion Ratio Lower Upper

95 100

97 63.9 43.5 80.9

132 89.9 61.2 113.8

130 91.8 68.5 127.1



#35

Methylcyclohexane

Concen: 27.706 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

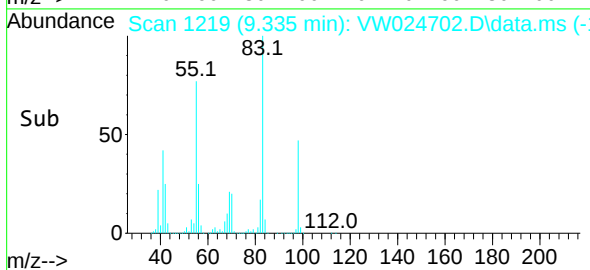
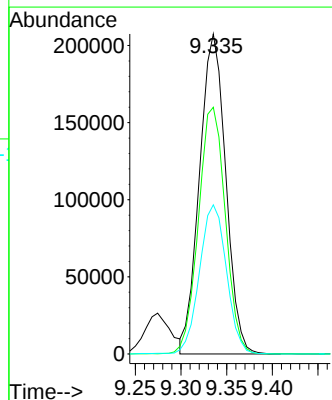
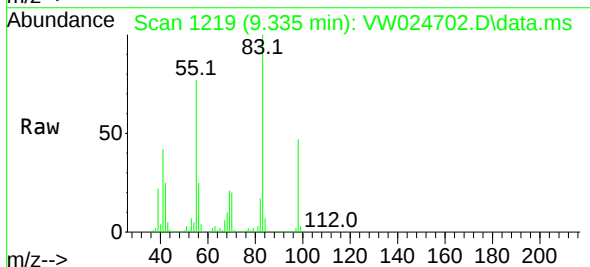
Tgt Ion: 83 Resp: 414456

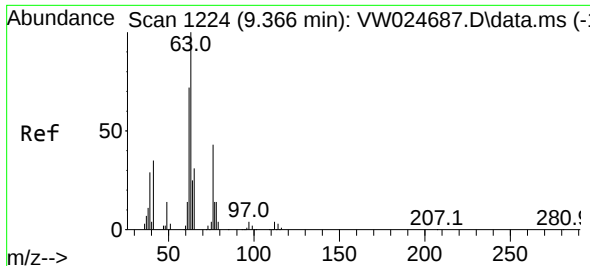
Ion Ratio Lower Upper

83 100

55 78.9 63.1 94.7

98 47.8 38.3 57.5





#37

1,2-Dichloropropane

Concen: 28.053 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

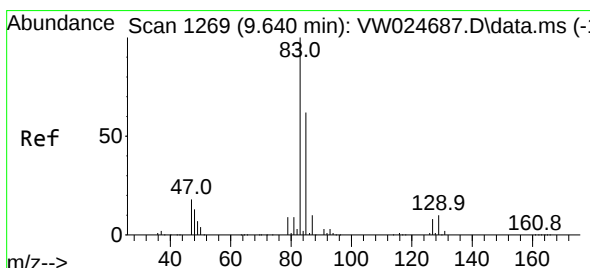
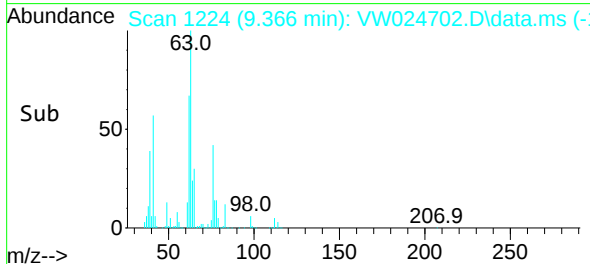
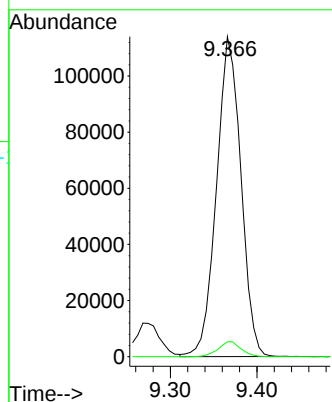
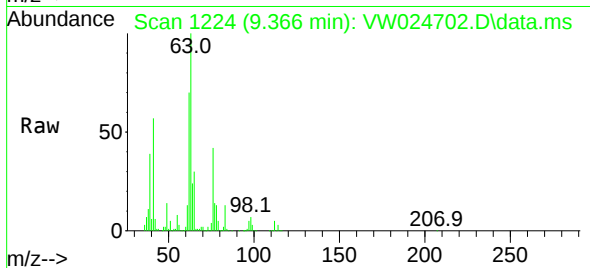
VSTD025582

Tgt Ion: 63 Resp: 222979

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 27.134 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

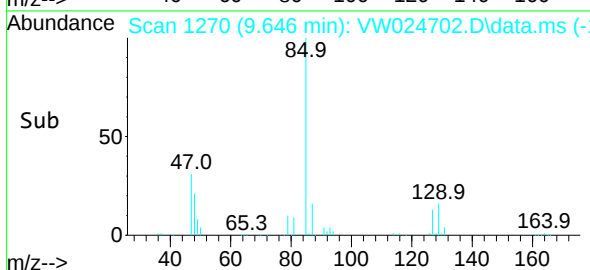
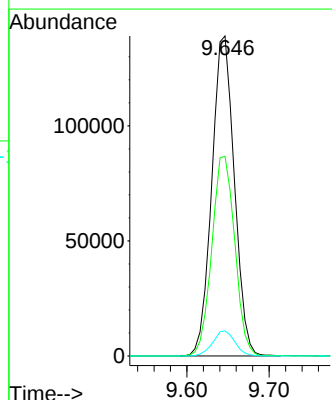
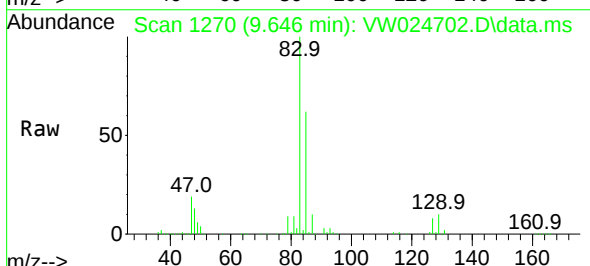
Tgt Ion: 83 Resp: 265294

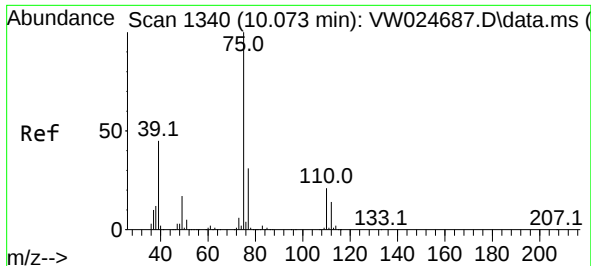
Ion Ratio Lower Upper

83 100

85 62.4 45.6 84.8

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.113 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

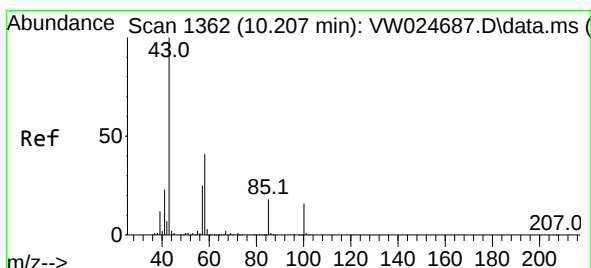
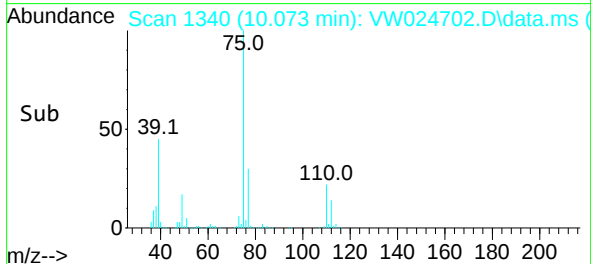
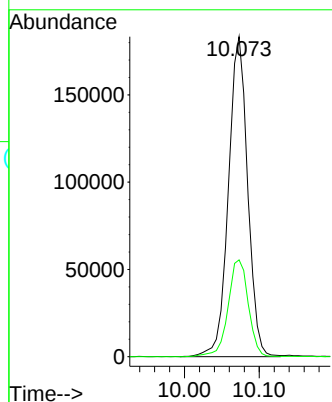
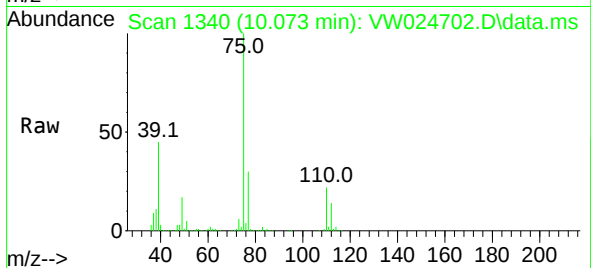
VSTD025582

Tgt Ion: 75 Resp: 328216

Ion Ratio Lower Upper

75 100

77 30.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.528 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

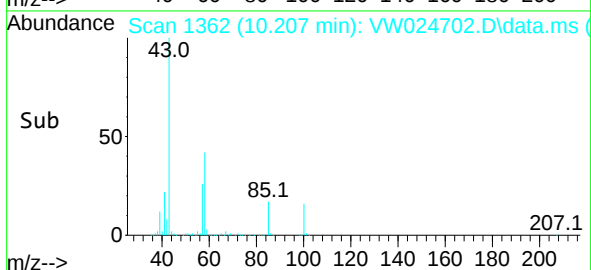
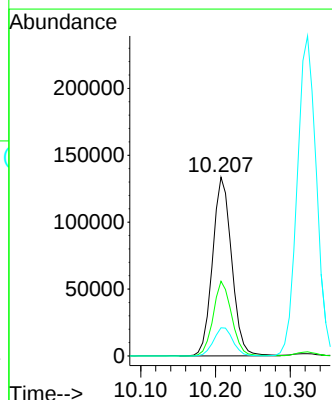
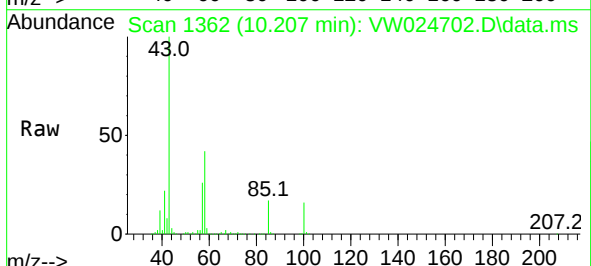
Tgt Ion: 43 Resp: 237721

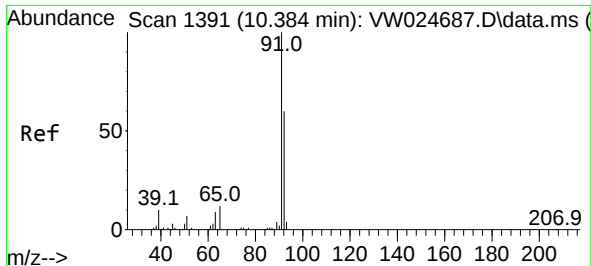
Ion Ratio Lower Upper

43 100

58 40.7 32.9 49.3

100 16.1 12.6 19.0

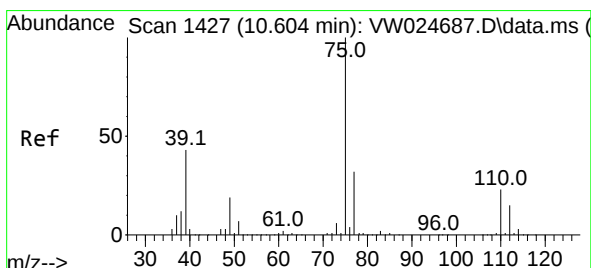
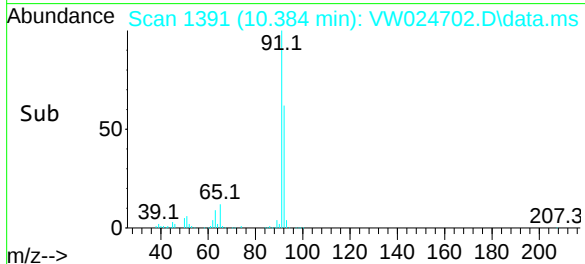
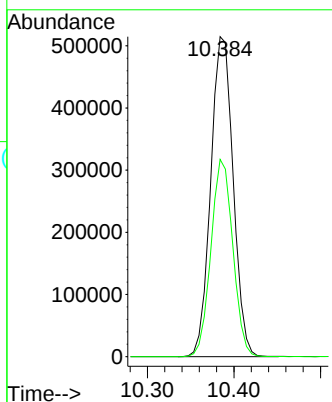
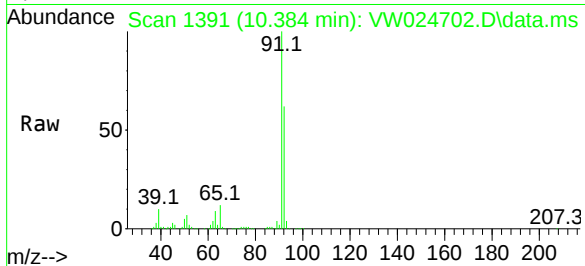




#42
Toluene
Concen: 27.814 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

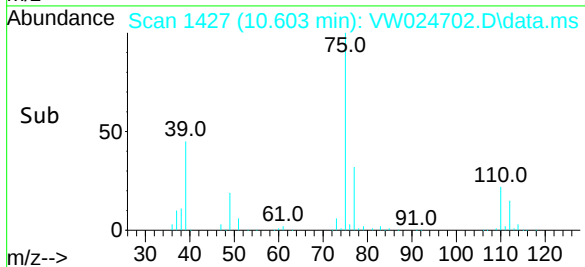
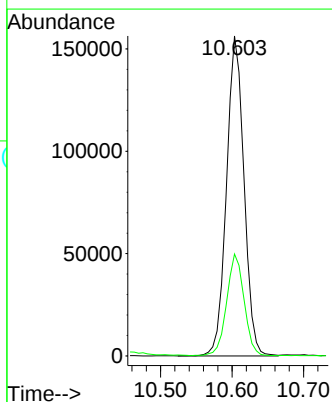
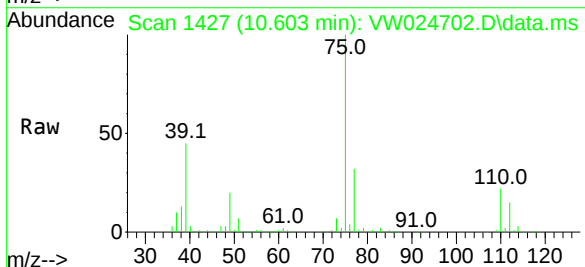
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

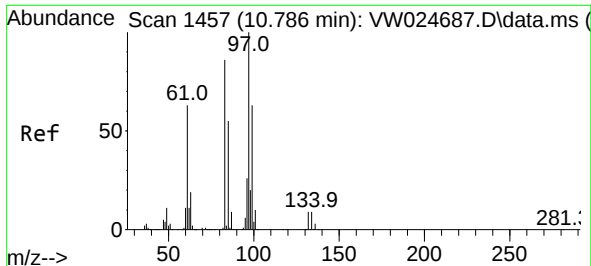
Tgt Ion: 91 Resp: 924782
Ion Ratio Lower Upper
91 100
92 61.7 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 24.655 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion: 75 Resp: 265687
Ion Ratio Lower Upper
75 100
77 31.8 21.3 39.6



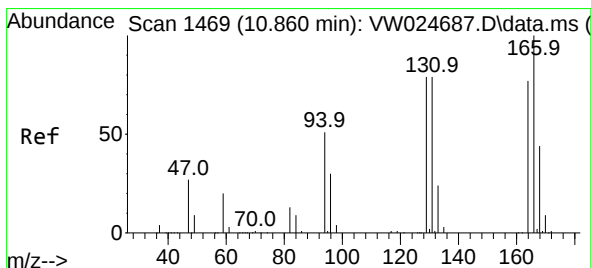
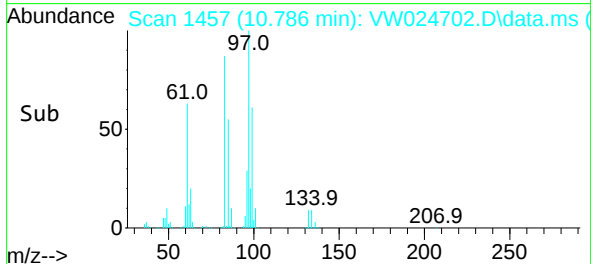
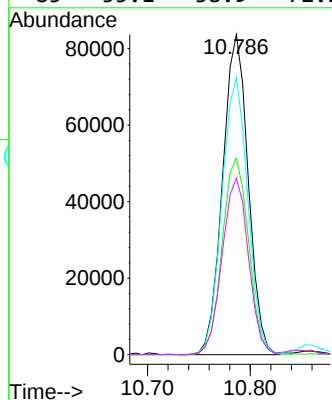
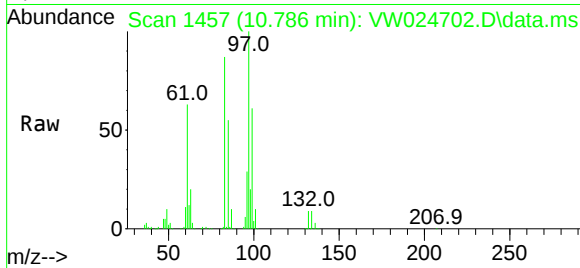


#45
1,1,2-Trichloroethane
Concen: 26.698 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

Tgt Ion: 97 Resp: 144946

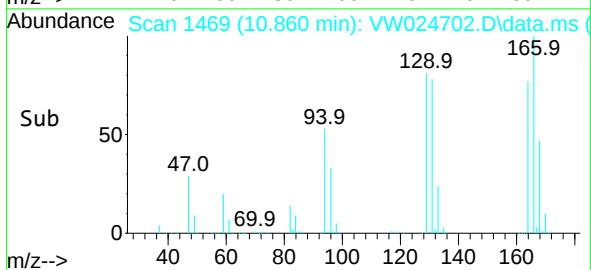
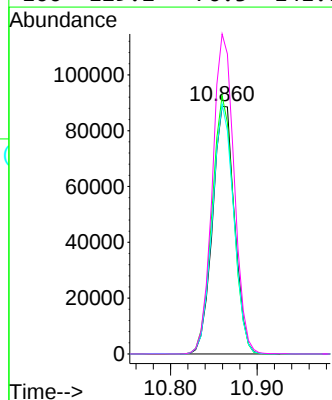
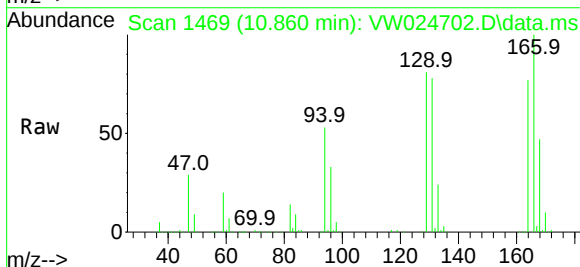
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.8	81.4
83	86.8	60.1	111.5
85	55.1	38.9	72.2

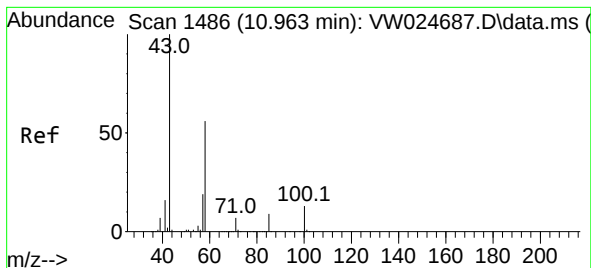


#46
Tetrachloroethene
Concen: 28.171 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion: 164 Resp: 156195

Ion	Ratio	Lower	Upper
164	100		
129	104.3	74.1	137.5
131	100.9	71.5	132.7
166	129.2	76.3	141.7





#48

2-Hexanone

Concen: 51.463 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

Tgt Ion: 43 Resp: 163723

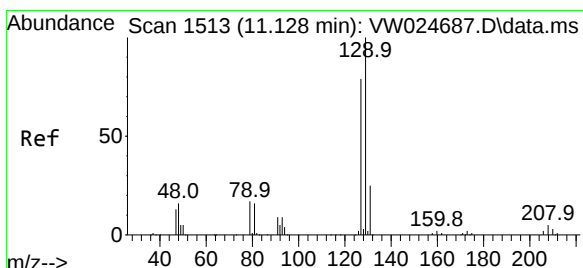
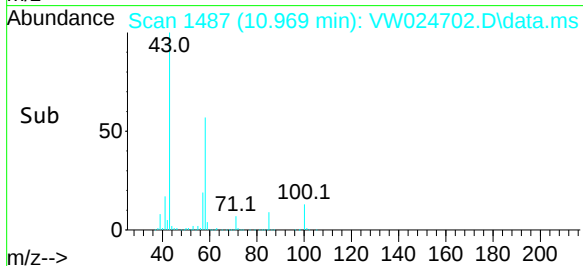
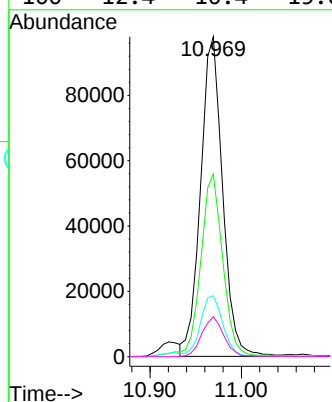
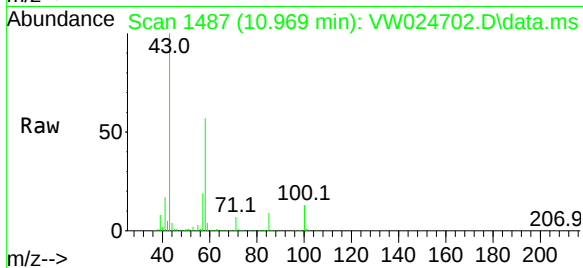
Ion Ratio Lower Upper

43 100

58 56.3 45.3 67.9

57 19.3 16.3 24.5

100 12.4 10.4 15.6



#49

Dibromochloromethane

Concen: 26.076 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024702.D

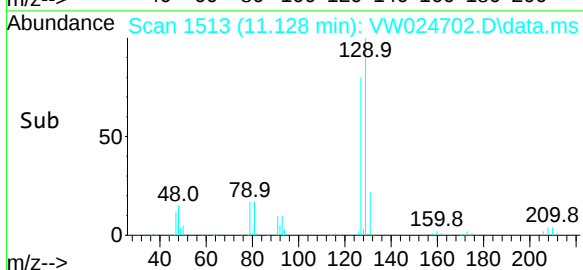
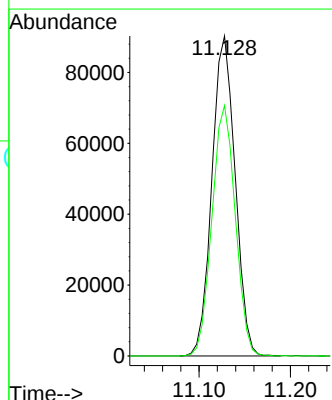
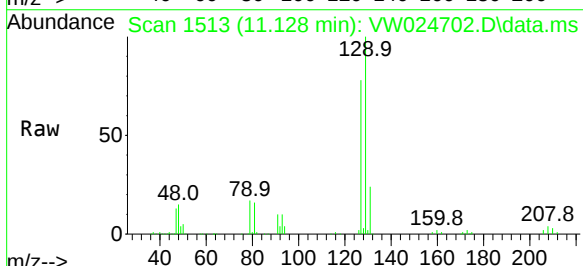
Acq: 03 Oct 2022 10:14

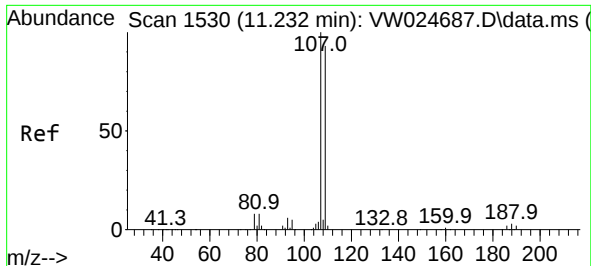
Tgt Ion: 129 Resp: 159414

Ion Ratio Lower Upper

129 100

127 78.3 52.4 97.4





#50

1,2-Dibromoethane

Concen: 26.338 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

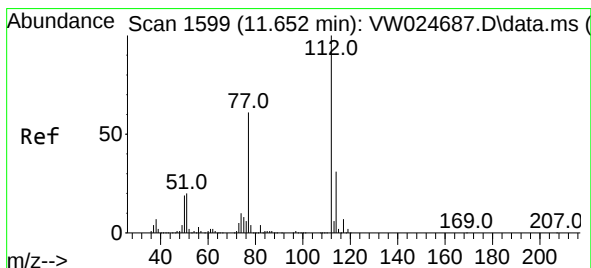
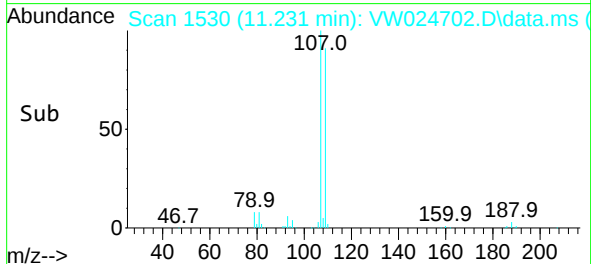
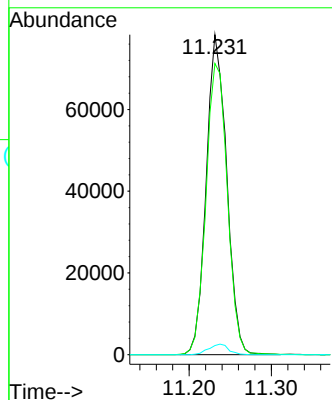
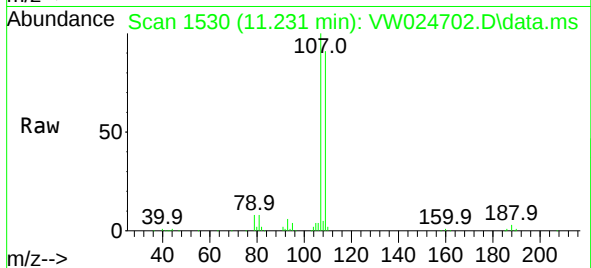
Tgt Ion:107 Resp: 135348

Ion Ratio Lower Upper

107 100

109 91.0 65.5 121.7

188 2.8 2.4 3.6



#51

Chlorobenzene

Concen: 27.850 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

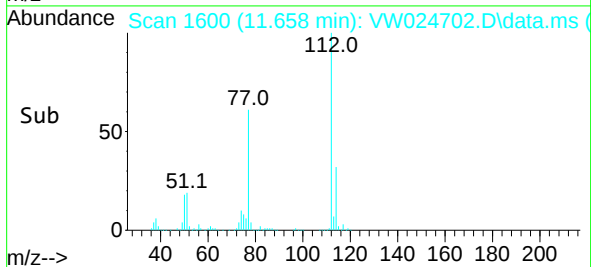
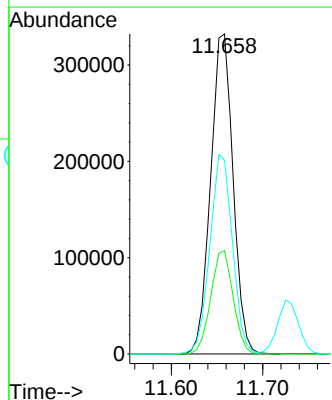
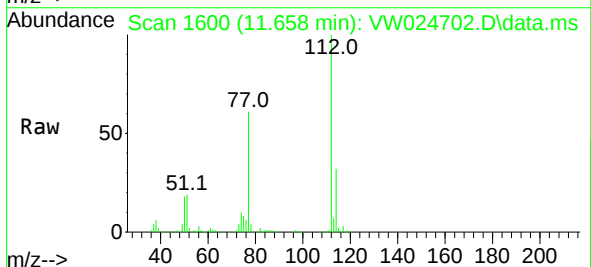
Tgt Ion:112 Resp: 566956

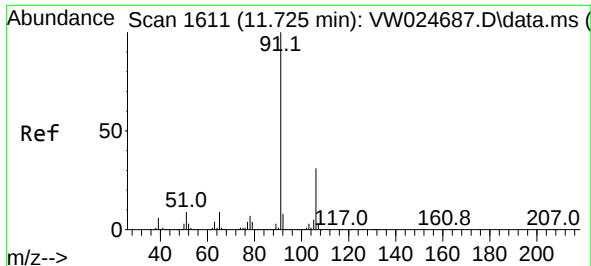
Ion Ratio Lower Upper

112 100

114 32.3 23.3 43.3

77 60.6 49.1 73.7





#52

Ethylbenzene

Concen: 28.231 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

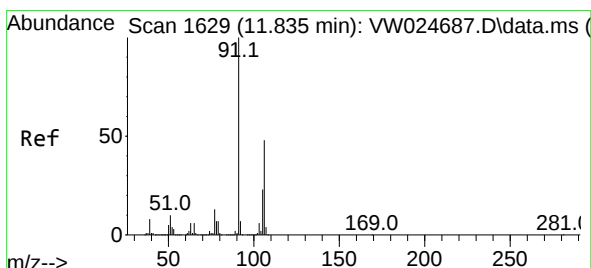
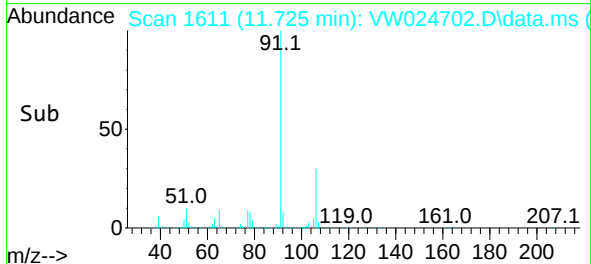
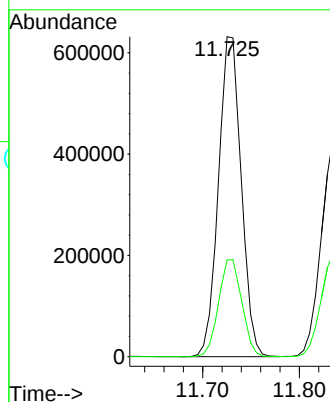
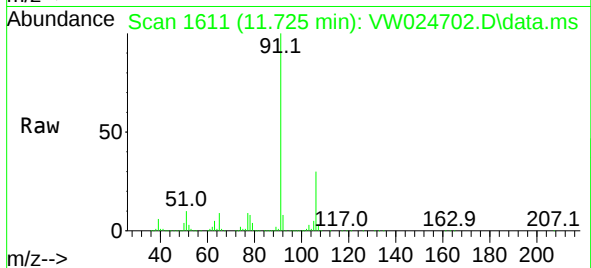
VSTD025582

Tgt Ion: 91 Resp: 1033897

Ion Ratio Lower Upper

91 100

106 30.2 21.5 39.9



#53

m,p-Xylene

Concen: 27.665 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW024702.D

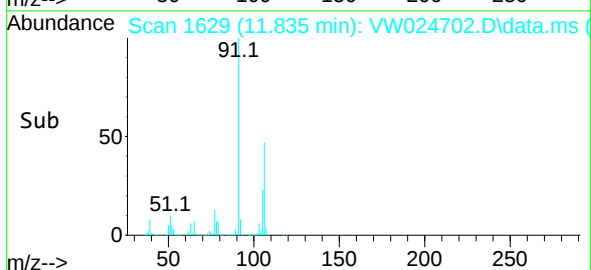
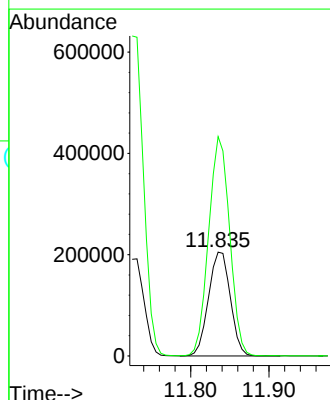
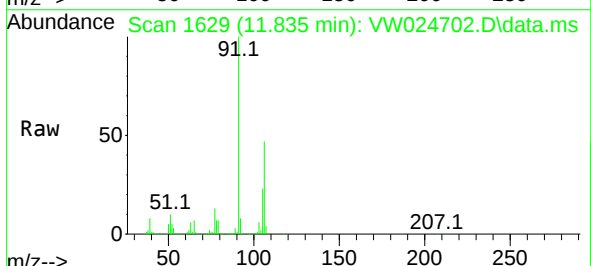
Acq: 03 Oct 2022 10:14

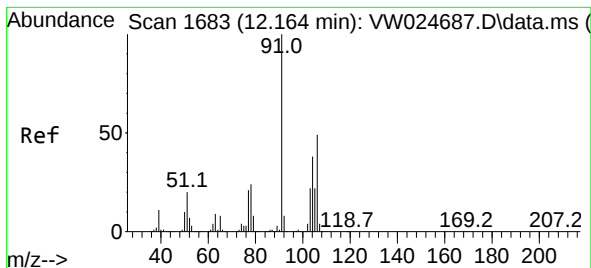
Tgt Ion:106 Resp: 395631

Ion Ratio Lower Upper

106 100

91 211.3 146.8 272.6





#54

o-Xylene

Concen: 28.112 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

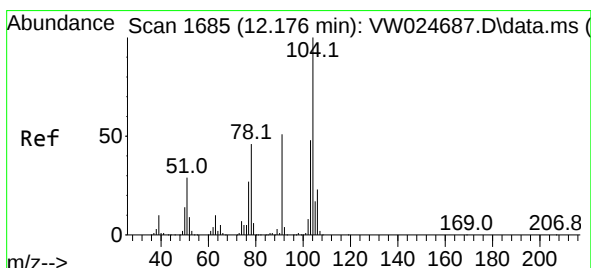
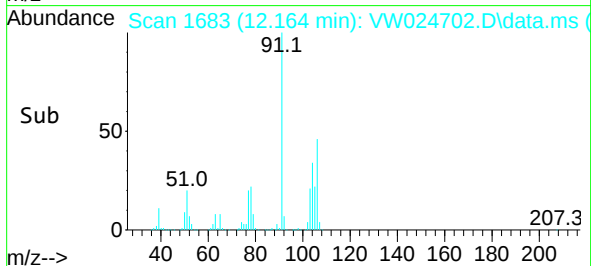
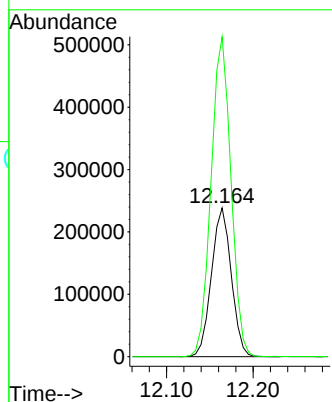
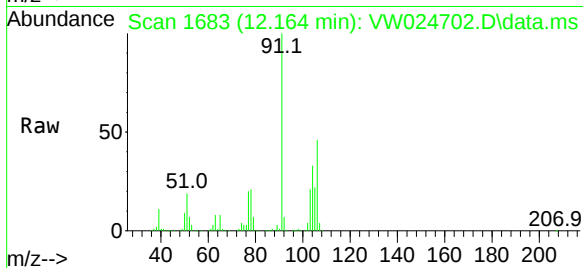
VSTD025582

Tgt Ion:106 Resp: 379639

Ion Ratio Lower Upper

106 100

91 215.1 146.3 271.7



#55

Styrene

Concen: 28.551 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024702.D

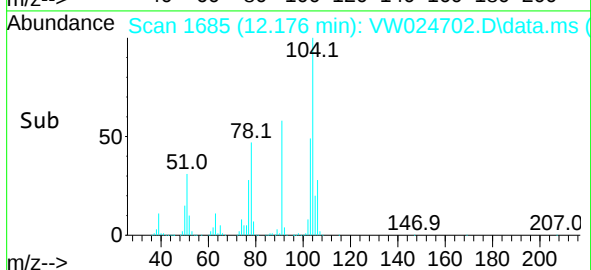
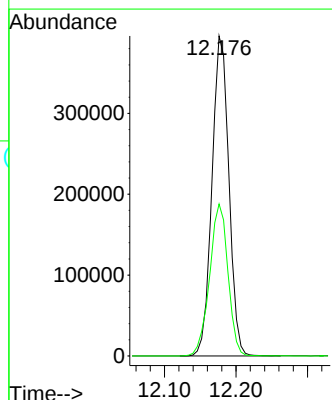
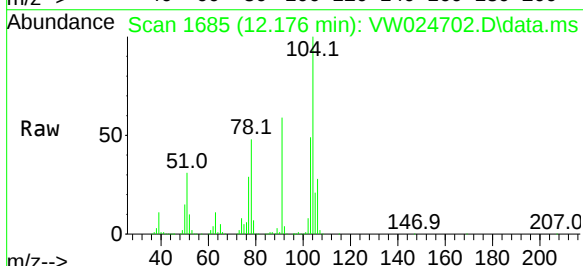
Acq: 03 Oct 2022 10:14

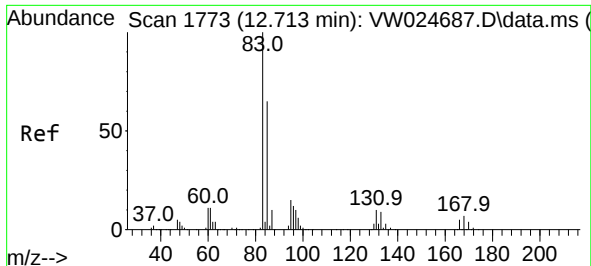
Tgt Ion:104 Resp: 649983

Ion Ratio Lower Upper

104 100

78 47.5 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 26.836 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

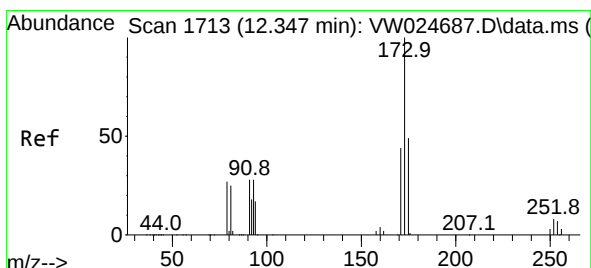
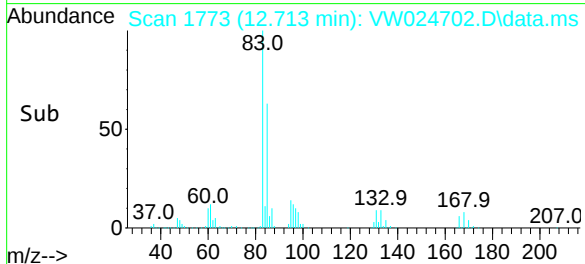
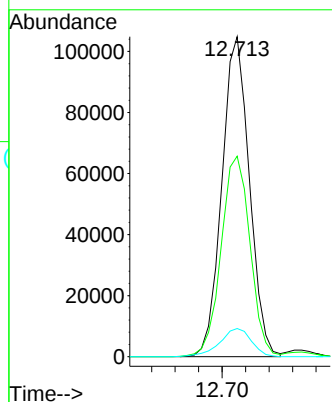
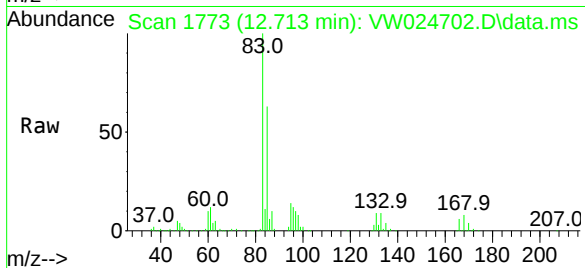
Tgt Ion: 83 Resp: 170591

Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0

131 8.8 7.3 10.9



#59

Bromoform

Concen: 24.939 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

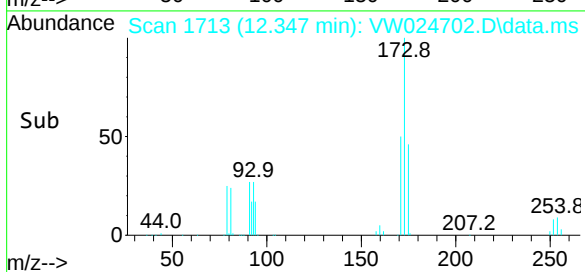
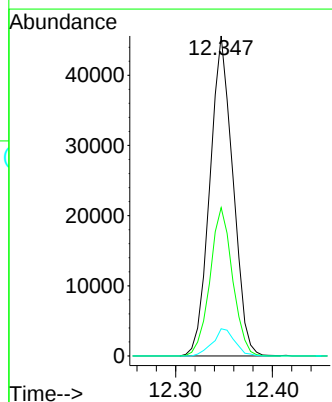
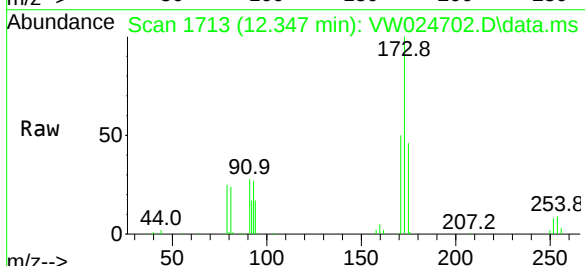
Tgt Ion:173 Resp: 75609

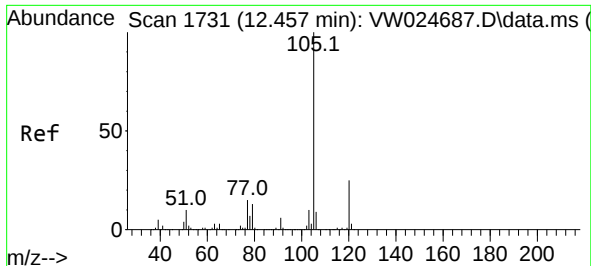
Ion Ratio Lower Upper

173 100

175 45.3 37.7 56.5

254 8.2 6.7 10.1

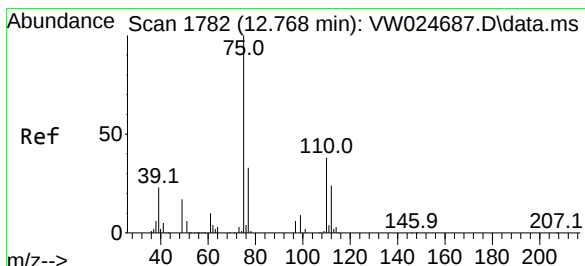
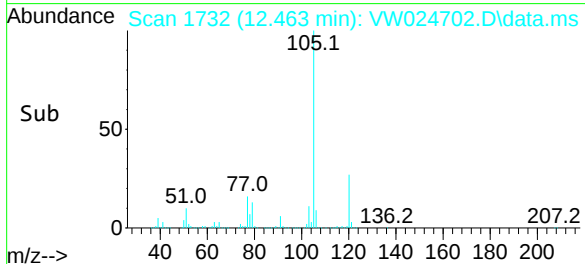
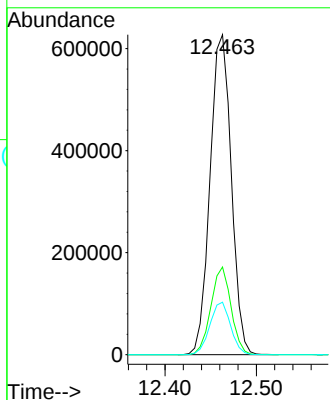
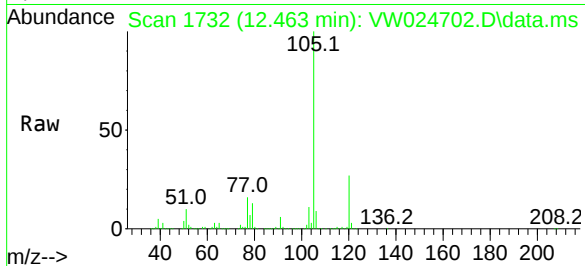




#60
Isopropylbenzene
Concen: 28.954 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

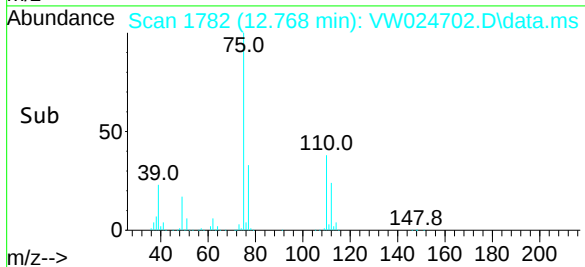
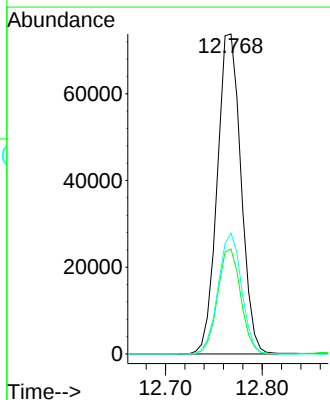
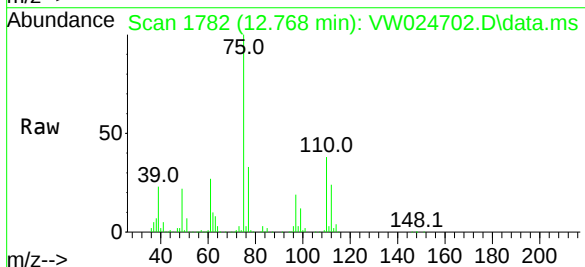
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

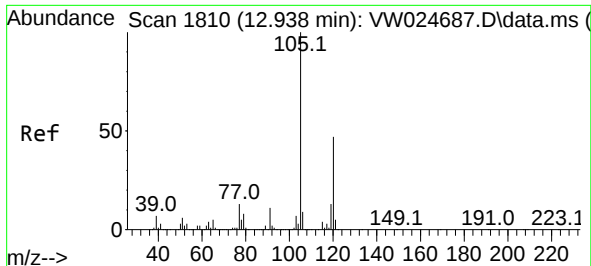
Tgt Ion:105 Resp: 1012122
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 27.225 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion: 75 Resp: 125782
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 37.2 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 29.289 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

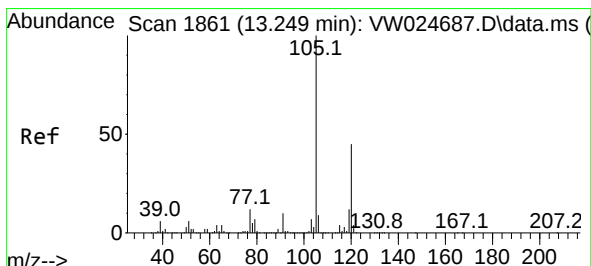
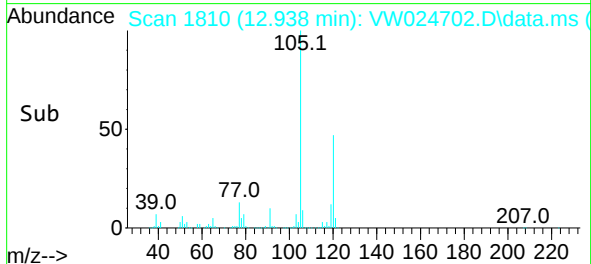
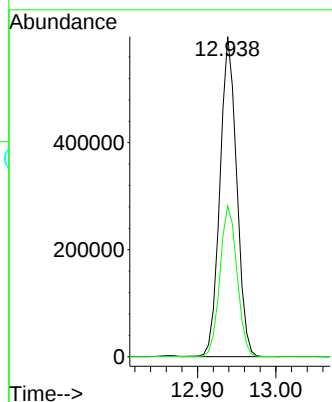
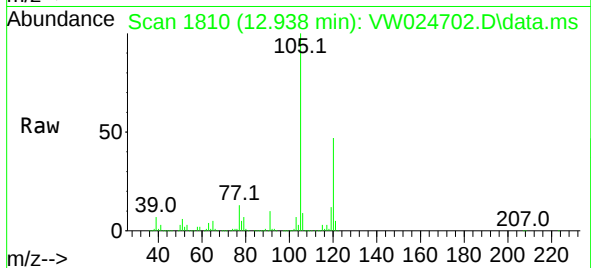
VSTD025582

Tgt Ion:105 Resp: 889865

Ion Ratio Lower Upper

105 100

120 48.0 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 29.160 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024702.D

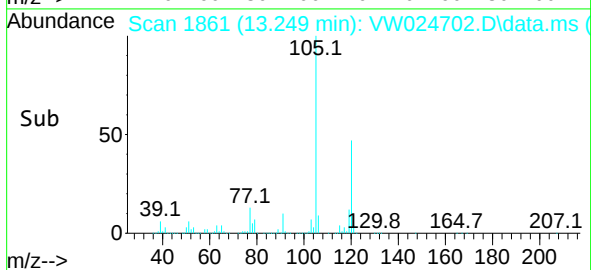
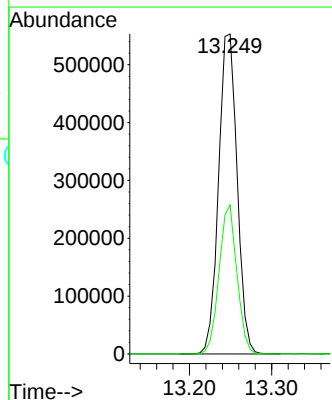
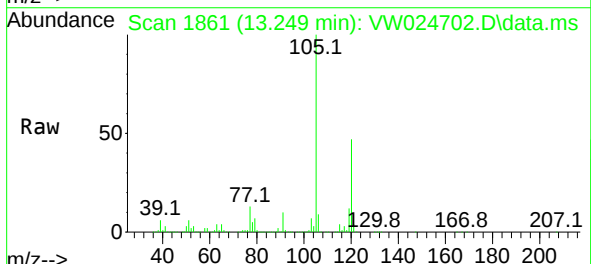
Acq: 03 Oct 2022 10:14

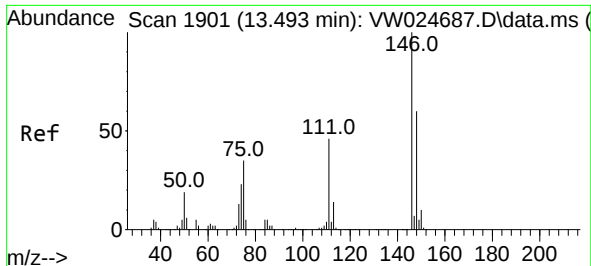
Tgt Ion:105 Resp: 867920

Ion Ratio Lower Upper

105 100

120 44.8 35.2 52.8

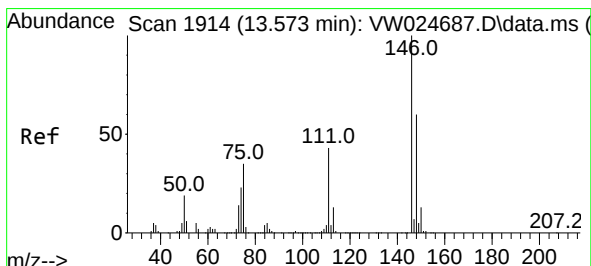
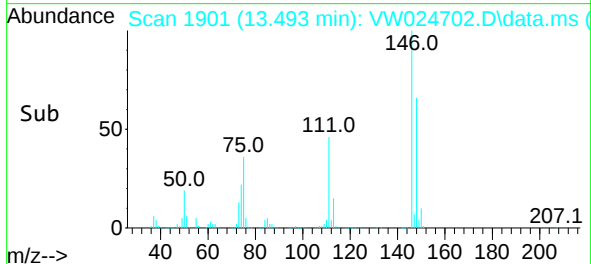
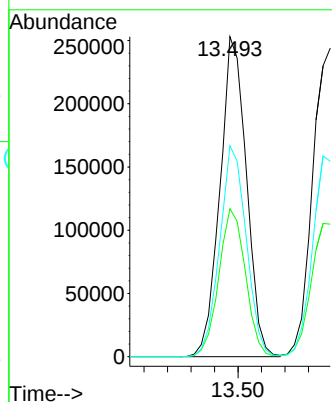
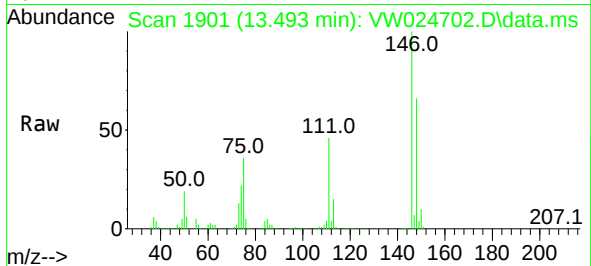




#64
1,3-Dichlorobenzene
Concen: 27.844 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

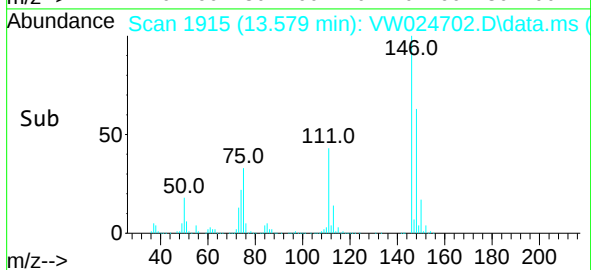
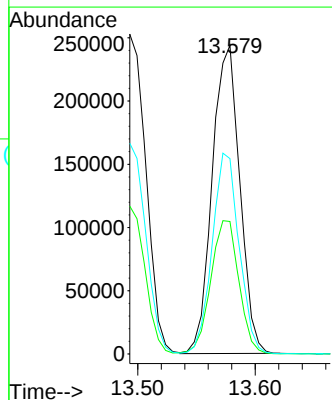
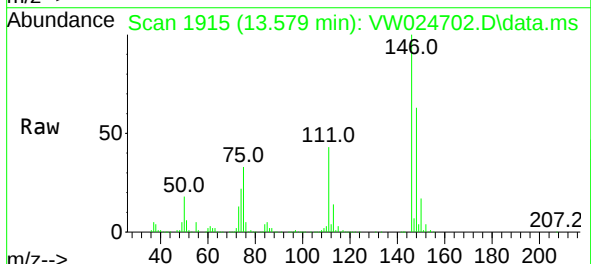
Instrument :
MSVOA_W
ClientSampleId :
VSTD025582

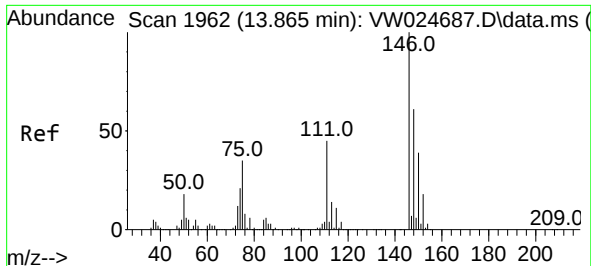
Tgt Ion:146 Resp: 395424
Ion Ratio Lower Upper
146 100
111 46.3 31.6 58.6
148 65.9 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 28.759 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024702.D
Acq: 03 Oct 2022 10:14

Tgt Ion:146 Resp: 397584
Ion Ratio Lower Upper
146 100
111 42.9 29.4 54.6
148 63.3 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 28.632 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

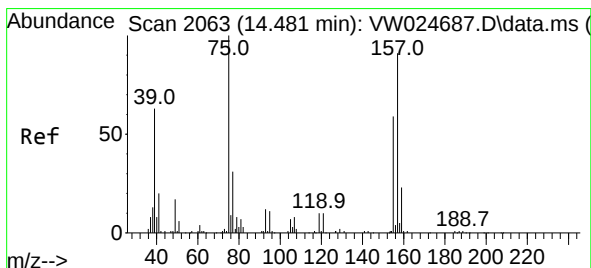
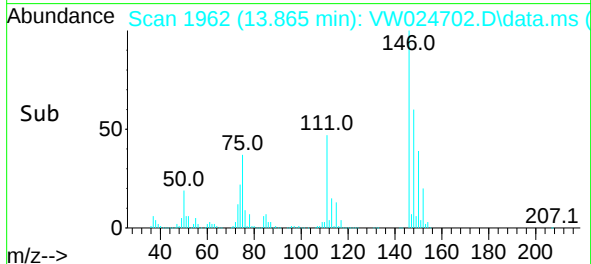
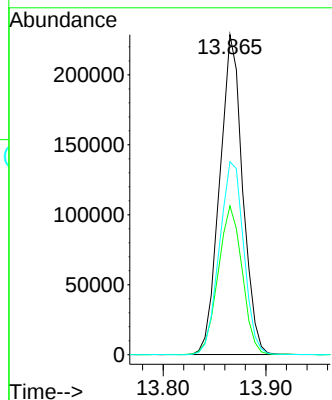
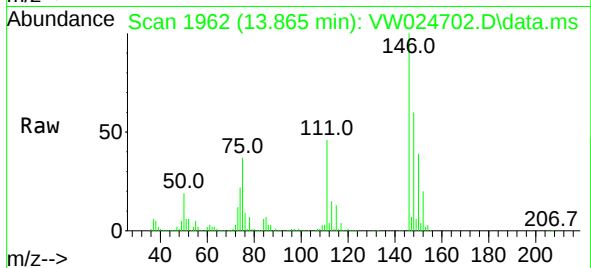
Tgt Ion:146 Resp: 354164

Ion Ratio Lower Upper

146 100

111 46.5 37.2 55.8

148 60.3 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 23.790 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

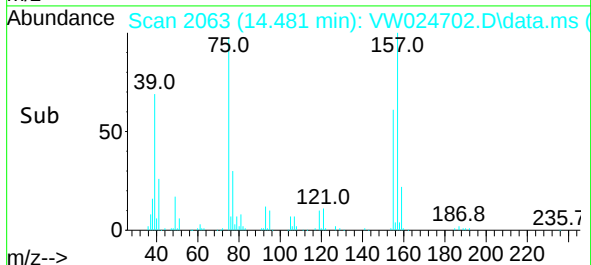
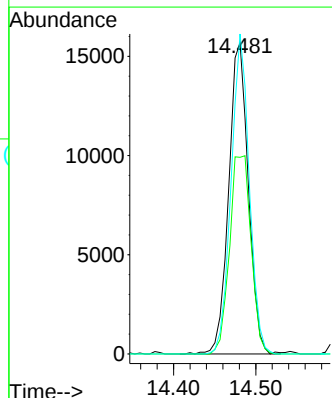
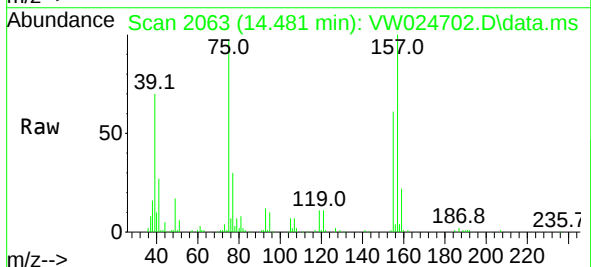
Tgt Ion: 75 Resp: 25992

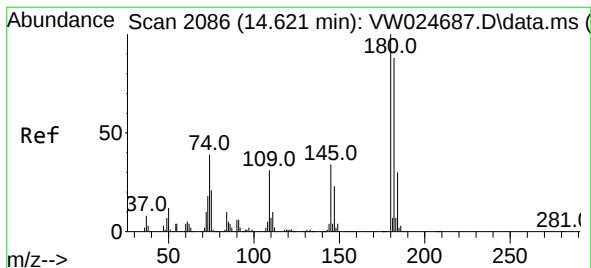
Ion Ratio Lower Upper

75 100

155 63.1 57.6 86.4

157 102.7 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 29.024 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

Tgt Ion:180 Resp: 273681

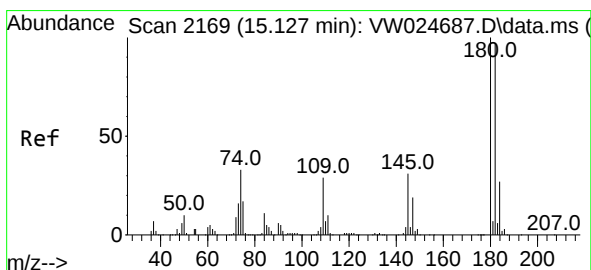
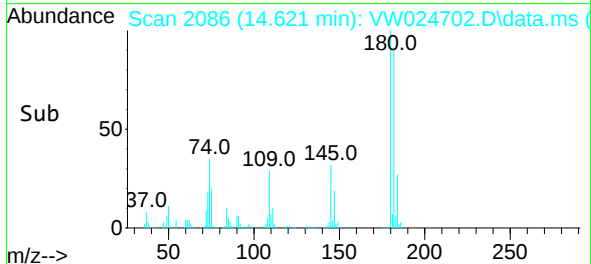
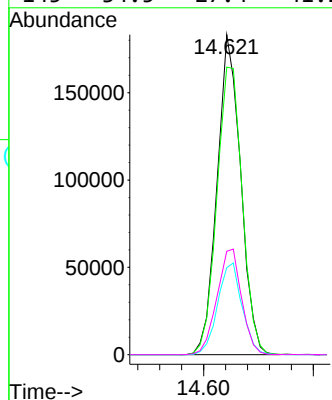
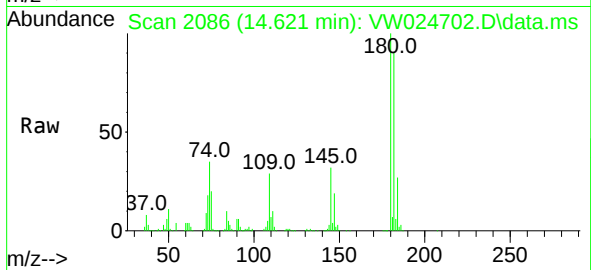
Ion Ratio Lower Upper

180 100

182 96.7 77.1 115.7

184 29.7 23.3 34.9

145 34.5 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 28.166 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

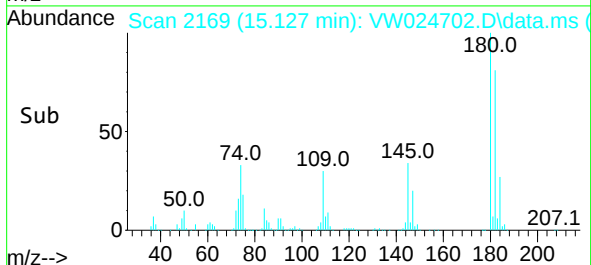
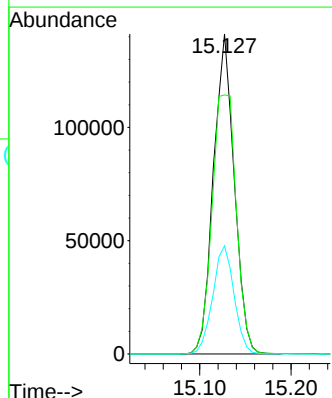
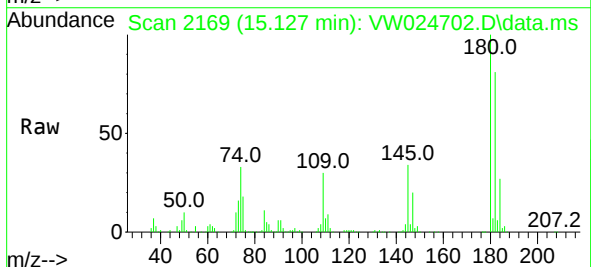
Tgt Ion:180 Resp: 223120

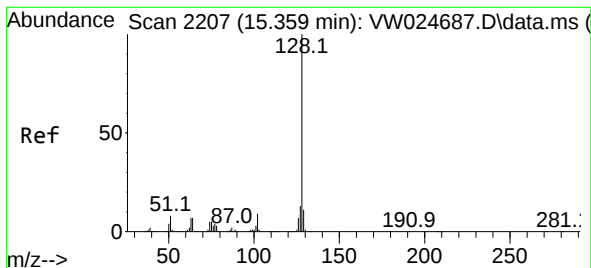
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 34.7 29.0 43.4





#71

Naphthalene

Concen: 26.839 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025582

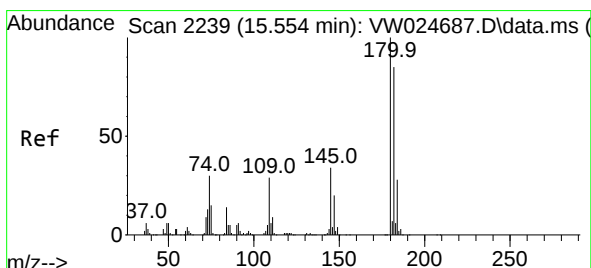
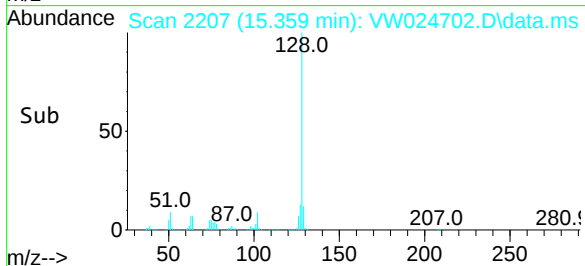
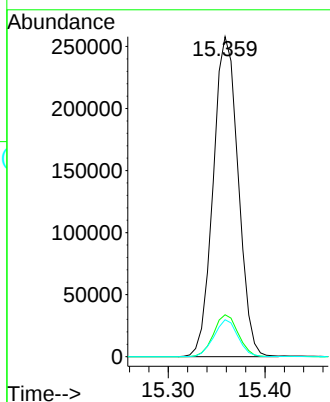
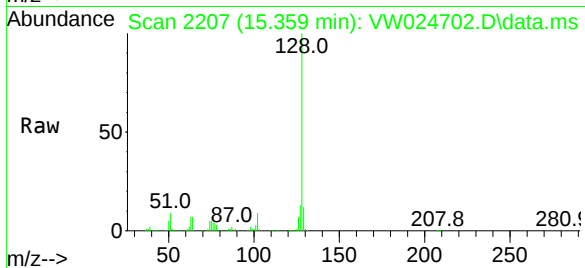
Tgt Ion:128 Resp: 462918

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.1 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 28.324 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024702.D

Acq: 03 Oct 2022 10:14

Tgt Ion:180 Resp: 190961

Ion Ratio Lower Upper

180 100

182 91.8 77.4 116.2

145 35.8 30.6 45.8

