

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
 Data File : VW024700.D
 Acq On : 30 Sep 2022 18:14
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: Sep 30 22:15:32 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	573714	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	507318	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241210	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151714	25.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.080%
7) Chloroethane-d5	2.891	69	88400	25.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.360%
11) 1,1-Dichloroethene-d2	4.031	63	349068	25.125	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.520%
21) 2-Butanone-d5	7.086	46	100797	46.707	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.420%
24) Chloroform-d	7.647	84	374527	24.419	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.680%
26) 1,2-Dichloroethane-d4	8.305	65	185816	23.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	8.275	84	753418	23.235	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	9.274	67	233793	23.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.400%
41) Toluene-d8	10.323	98	660878	22.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	10.579	79	97199	22.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.120%
47) 2-Hexanone-d5	10.920	63	80193	47.308	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	173872	24.630	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	13.847	152	196187	23.114	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	54482	15.468	ug/L	95
3) Chloromethane	2.215	50	139745	20.373	ug/L	97
5) Vinyl chloride	2.361	62	224793	31.874	ug/L	99
6) Bromomethane	2.782	94	97335	29.905	ug/L	94
8) Chloroethane	2.922	64	89300	30.034	ug/L	96
9) Trichlorofluoromethane	3.263	101	119966	30.405	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	216144	28.723	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	213349	28.427	ug/L	96
13) Acetone	4.135	43	75874	48.188	ug/L	99
14) Carbon disulfide	4.391	76	679515	28.680	ug/L	99
15) Methyl Acetate	4.678	43	92480	26.525	ug/L	98
16) Methylene chloride	4.915	84	237756	21.102	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	234900	27.855	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	361805	27.060	ug/L	99
19) 1,1-Dichloroethane	6.220	63	428661	27.170	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	250339	27.667	ug/L	96
22) 2-Butanone	7.177	43	122557	48.663	ug/L	100
23) Bromochloromethane	7.513	128	99042	26.932	ug/L	93
25) Chloroform	7.677	83	409724	27.387	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

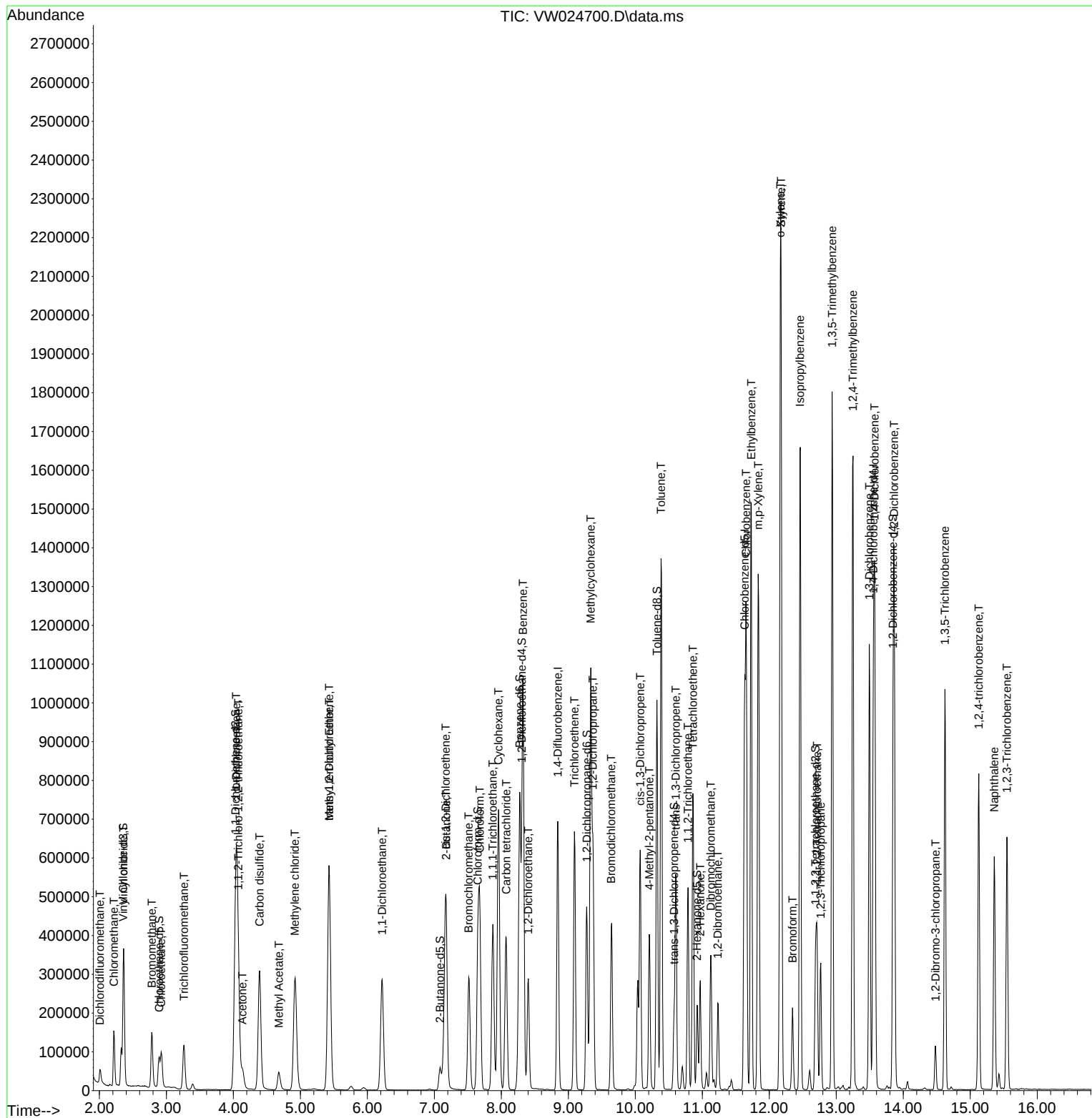
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	254136	26.996	ug/L	99
29) Cyclohexane	7.958	56	428387	27.111	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	346655	28.238	ug/L	100
31) Carbon tetrachloride	8.073	117	298798	28.742	ug/L	98
33) Benzene	8.323	78	966982	27.233	ug/L	100
34) Trichloroethene	9.092	95	244881	27.210	ug/L	96
35) Methylcyclohexane	9.335	83	450116	27.283	ug/L	99
37) 1,2-Dichloropropane	9.366	63	242584	27.674	ug/L	99
38) Bromodichloromethane	9.640	83	299194	27.747	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	372718	26.888	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	270239	52.083	ug/L	99
42) Toluene	10.384	91	1009010	27.518	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	314265	26.443	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	164544	27.481	ug/L	98
46) Tetrachloroethene	10.860	164	170393	27.865	ug/L	96
48) 2-Hexanone	10.969	43	179281	51.098	ug/L	99
49) Dibromochloromethane	11.128	129	186137	27.607	ug/L	94
50) 1,2-Dibromoethane	11.231	107	154075	27.186	ug/L #	98
51) Chlorobenzene	11.652	112	622966	27.748	ug/L	98
52) Ethylbenzene	11.731	91	1120124	27.733	ug/L	99
53) m,p-Xylene	11.835	106	428656	27.179	ug/L	97
54) o-Xylene	12.164	106	414763	27.849	ug/L	100
55) Styrene	12.176	104	693986	27.641	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	194193	27.699	ug/L	98
59) Bromoform	12.347	173	89644	26.292	ug/L	96
60) Isopropylbenzene	12.457	105	1105534	28.121	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	139951	26.935	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	965475	28.255	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	931229	27.819	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	449550	28.147	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	440144	28.309	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	400171	28.766	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	30479	24.806	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	294945	27.813	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	237181	26.623	ug/L	95
71) Naphthalene	15.359	128	503628	25.963	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	201210	26.537	ug/L	98

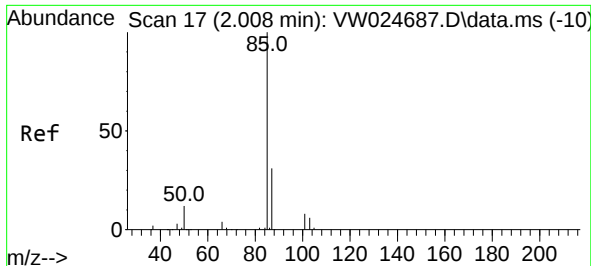
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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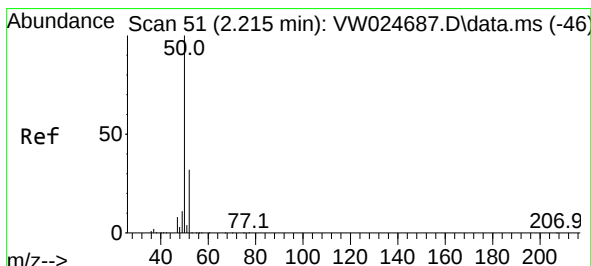
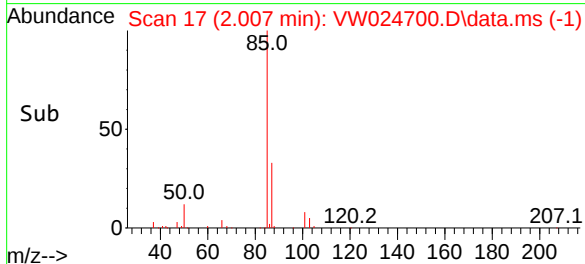
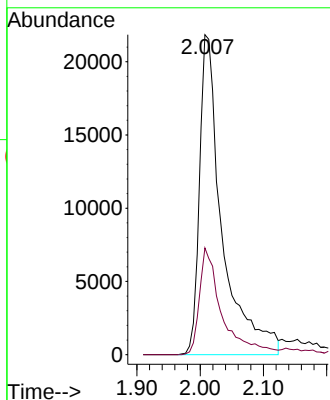
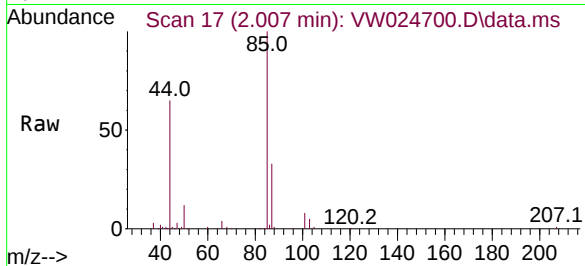




#2
 Dichlorodifluoromethane
 Concen: 15.468 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

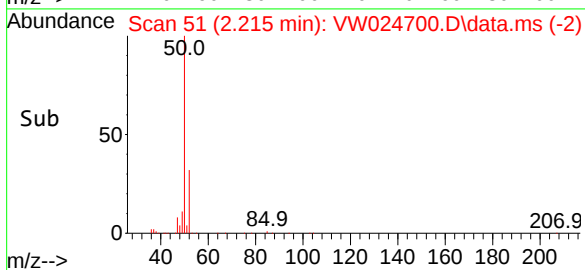
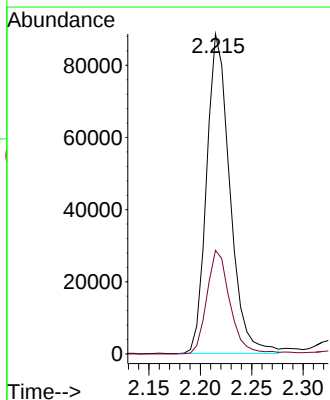
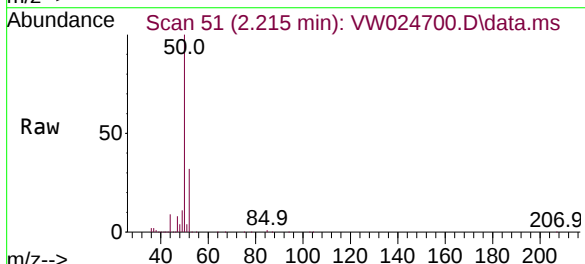
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 ClientSampleId :
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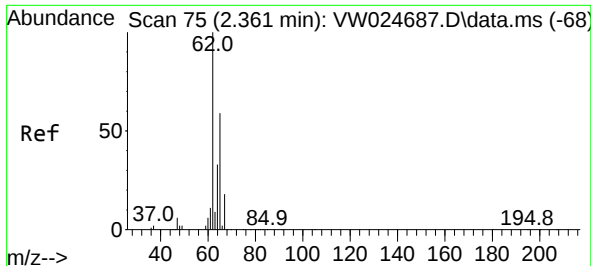
Tgt Ion: 85 Resp: 54482
 Ion Ratio Lower Upper
 85 100
 87 33.1 28.8 43.2



#3
 Chloromethane
 Concen: 20.373 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

Tgt Ion: 50 Resp: 139745
 Ion Ratio Lower Upper
 50 100
 52 32.4 21.7 40.3

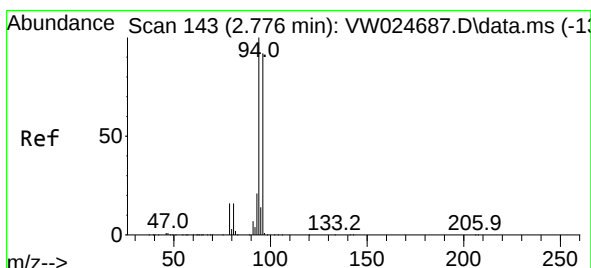
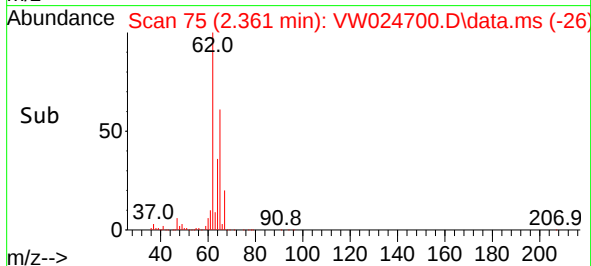
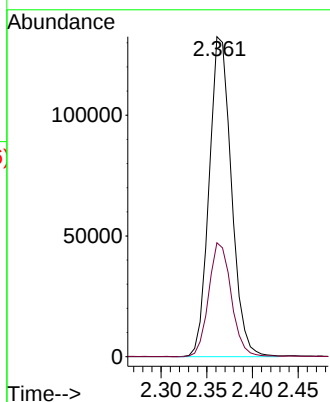
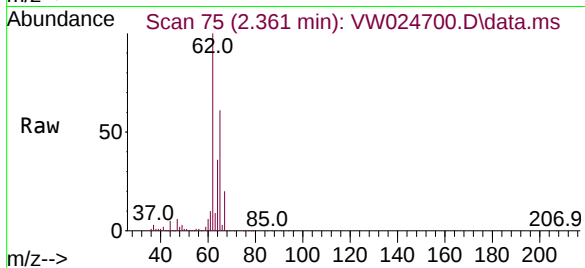




#5
 Vinyl chloride
 Concen: 31.874 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

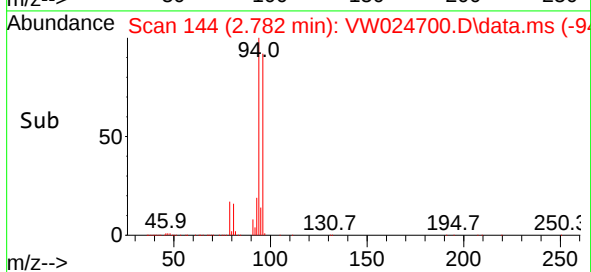
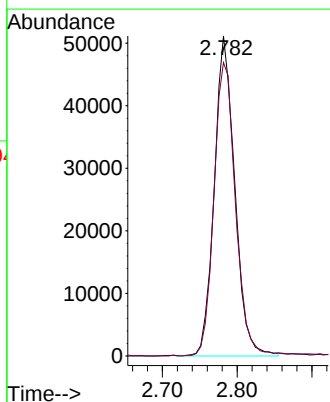
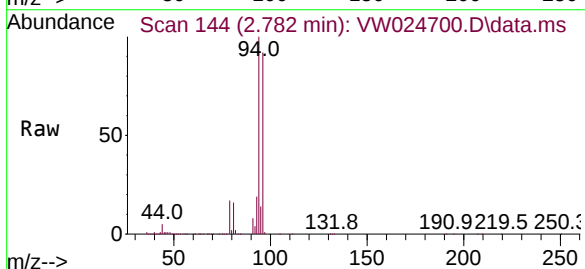
Instrument :
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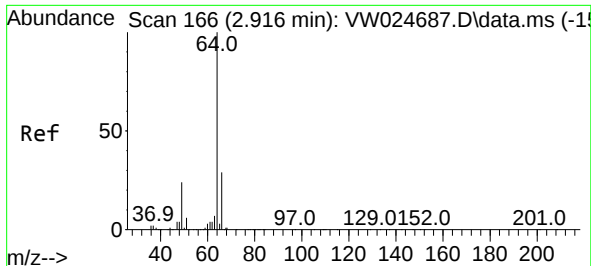
Tgt Ion: 62 Resp: 224793
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.4 45.2



#6
 Bromomethane
 Concen: 29.905 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

Tgt Ion: 94 Resp: 97335
 Ion Ratio Lower Upper
 94 100
 96 91.7 68.0 126.2

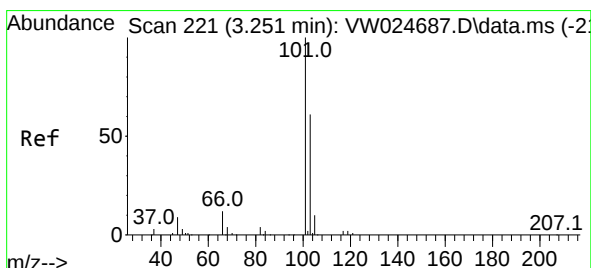
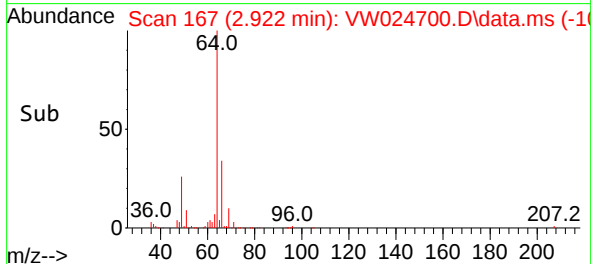
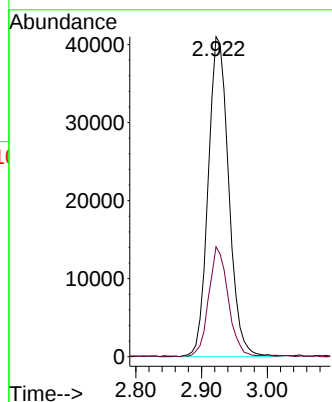
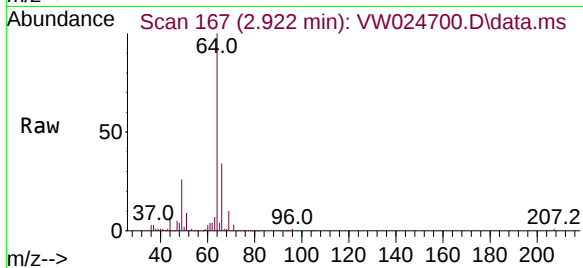




#8
Chloroethane
Concen: 30.034 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

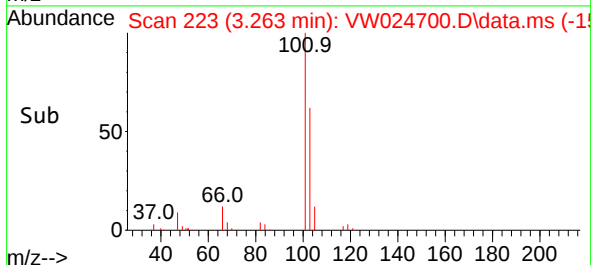
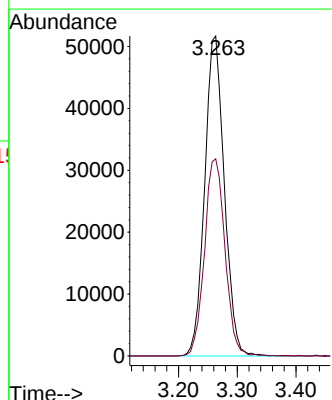
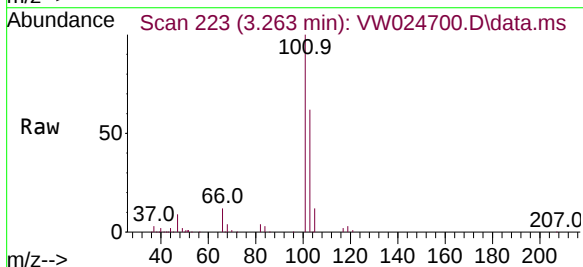
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ClientSampleId :
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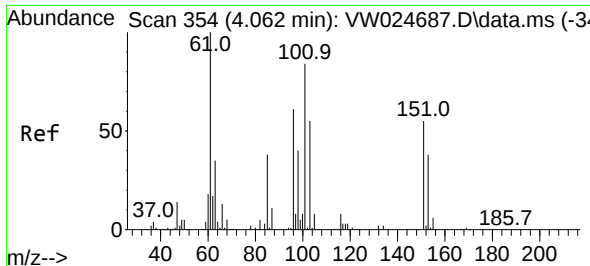
Tgt Ion: 64 Resp: 89300
Ion Ratio Lower Upper
64 100
66 34.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 30.405 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.012 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion: 101 Resp: 119966
Ion Ratio Lower Upper
101 100
103 64.0 53.4 80.2

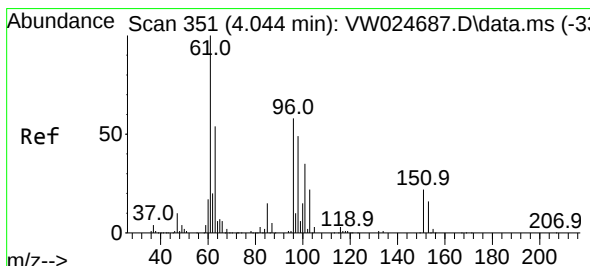
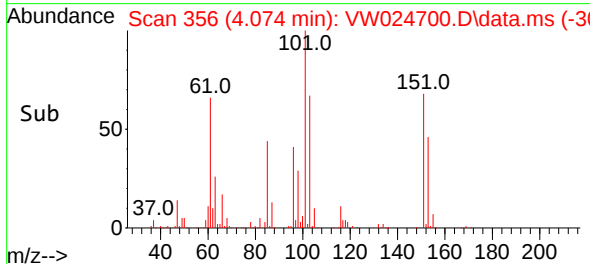
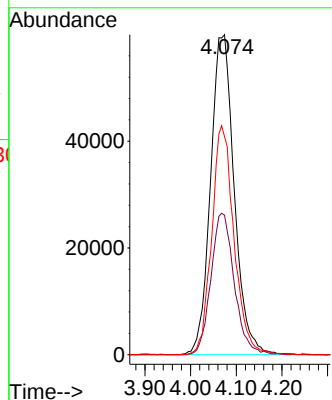
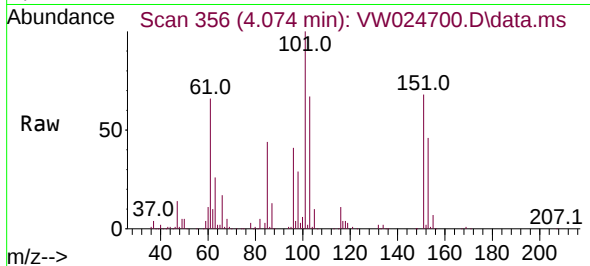




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.723 ug/L
 RT: 4.074 min Scan# 354
 Delta R.T. 0.012 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

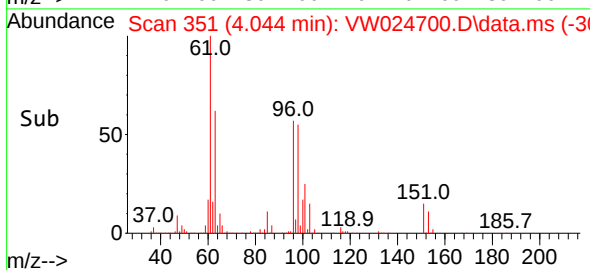
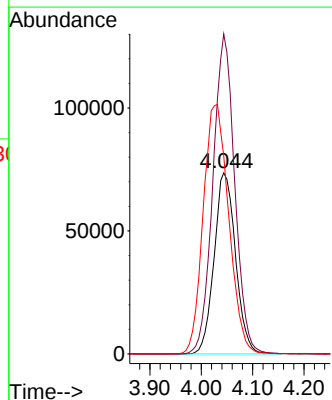
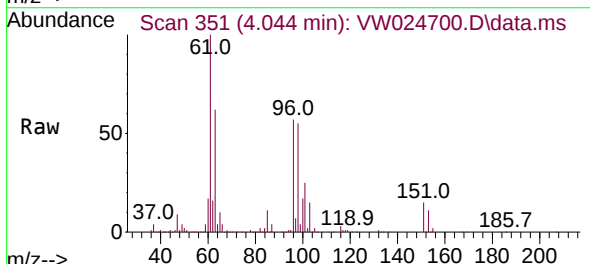
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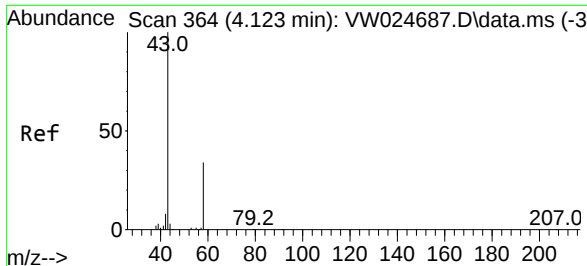
Tgt Ion:101 Resp: 216144
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.9 52.3
 151 67.3 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 28.427 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

Tgt Ion: 96 Resp: 213349
 Ion Ratio Lower Upper
 96 100
 61 176.6 124.5 231.1
 63 109.5 84.1 156.1

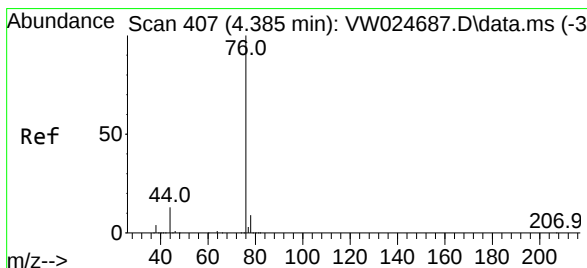
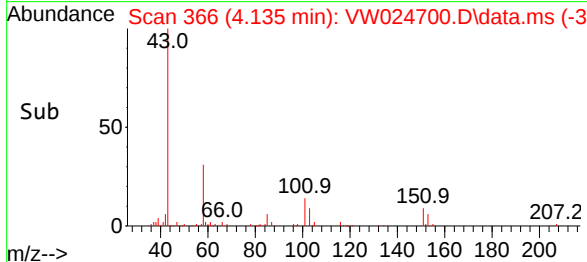
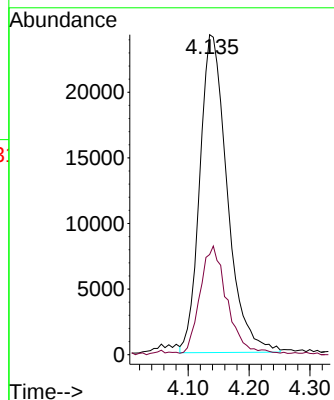
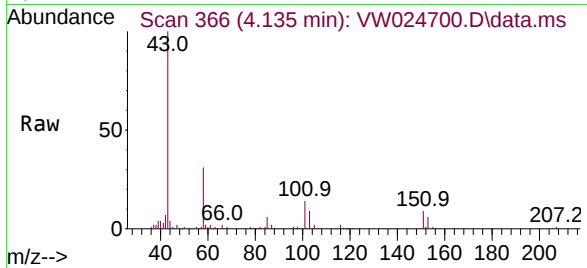




#13
Acetone
Concen: 48.188 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

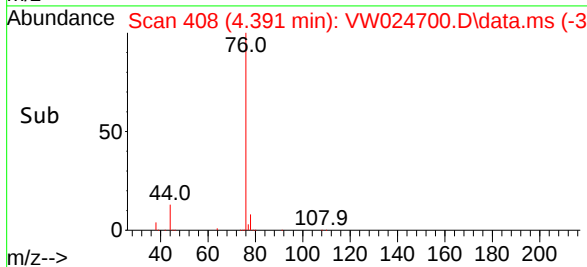
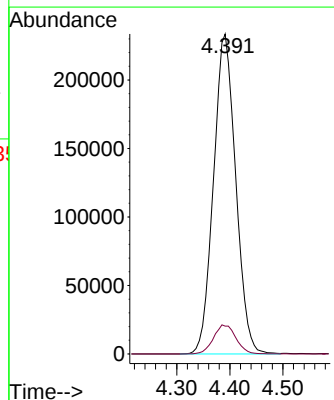
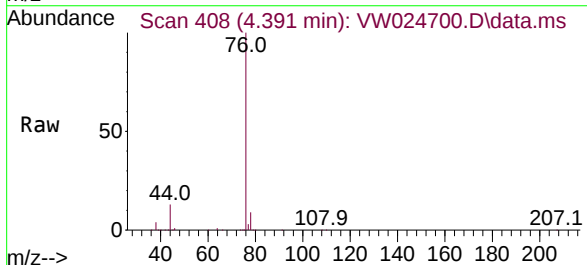
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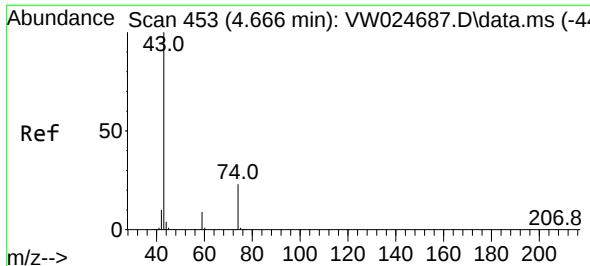
Tgt Ion: 43 Resp: 75874
Ion Ratio Lower Upper
43 100
58 33.3 0.0 67.6



#14
Carbon disulfide
Concen: 28.680 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW024700.D
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Tgt Ion: 76 Resp: 679515
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

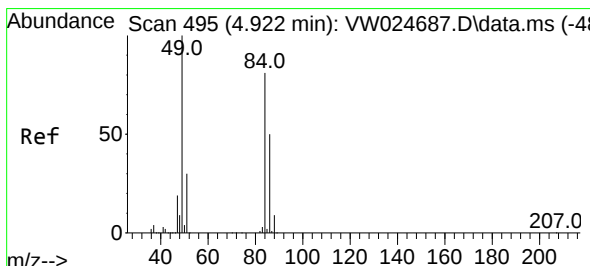
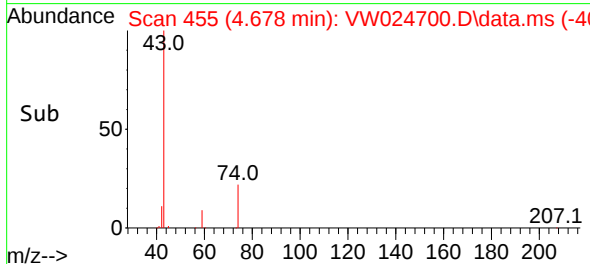
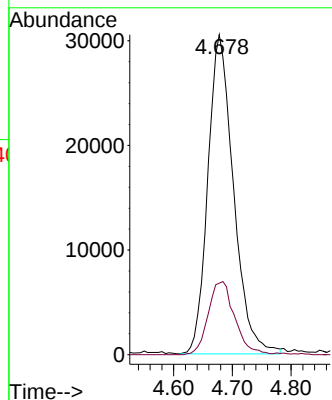
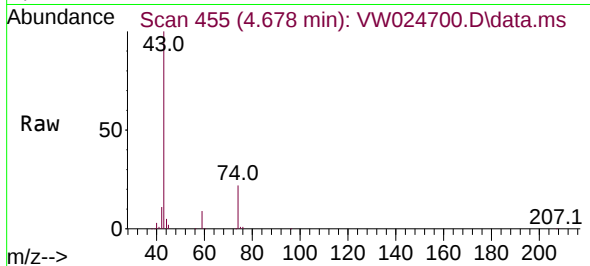




#15
Methyl Acetate
Concen: 26.525 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

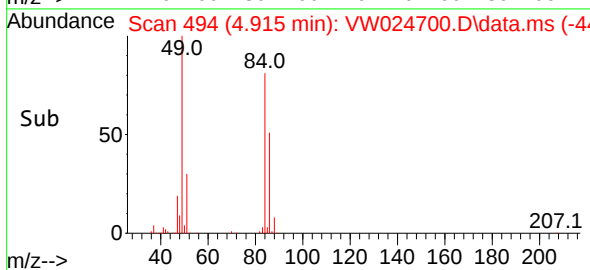
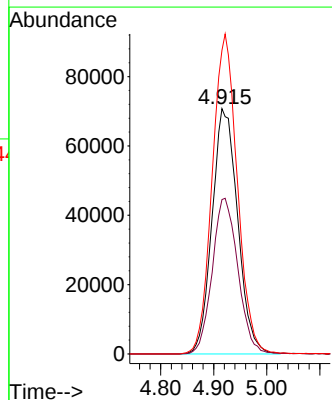
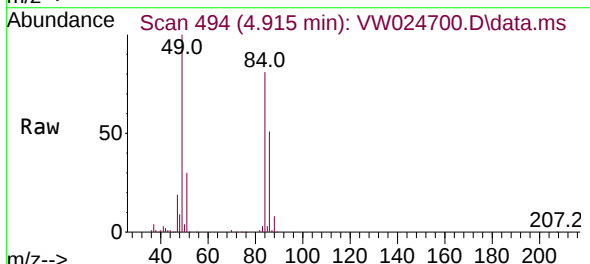
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

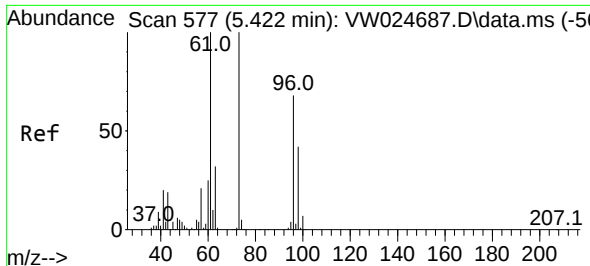
Tgt Ion: 43 Resp: 92480
Ion Ratio Lower Upper
43 100
74 23.6 18.1 27.1



#16
Methylene chloride
Concen: 21.102 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

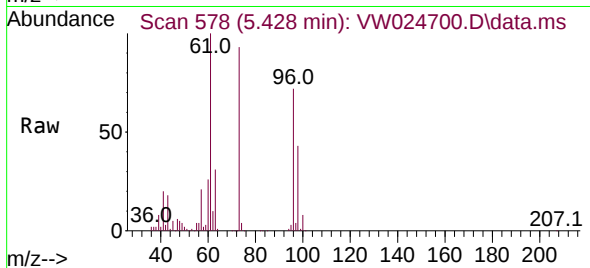
Tgt Ion: 84 Resp: 237756
Ion Ratio Lower Upper
84 100
86 63.0 44.0 81.8
49 123.9 87.4 162.2



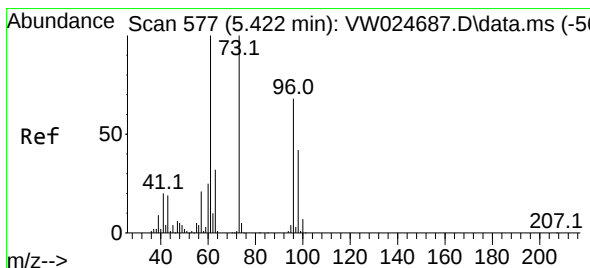
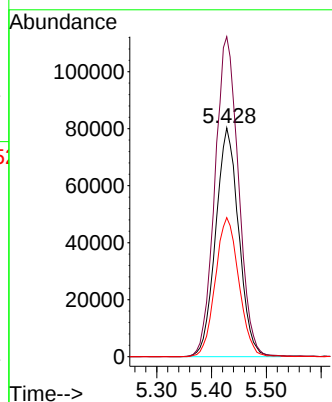
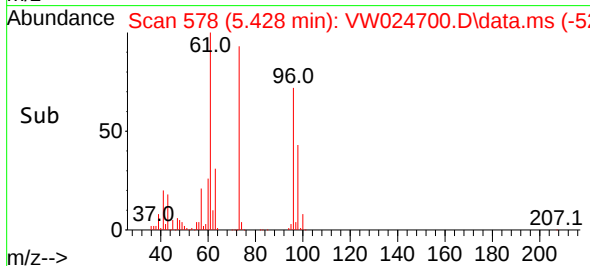


#17
trans-1,2-Dichloroethene
Concen: 27.855 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

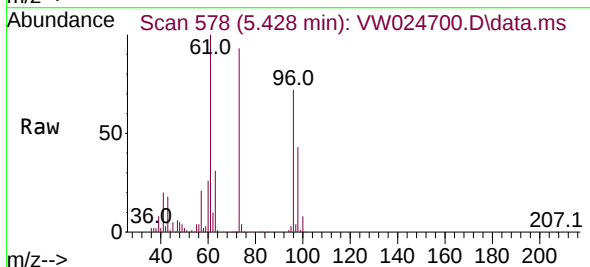
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581



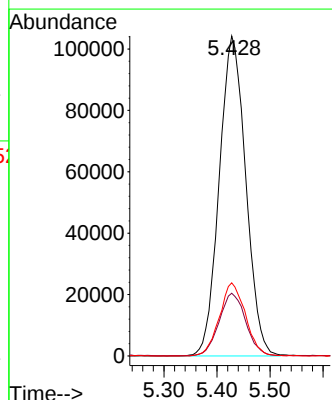
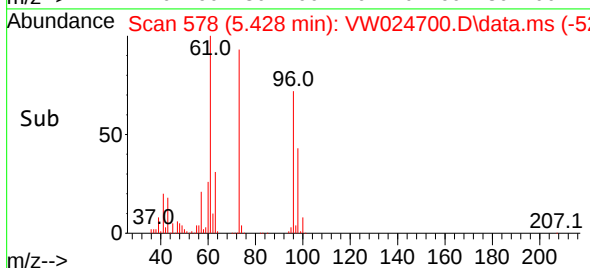
Tgt Ion: 96 Resp: 234900
Ion Ratio Lower Upper
96 100
61 139.8 106.3 197.5
98 60.7 45.1 83.9

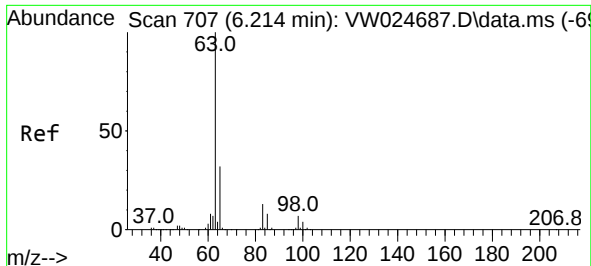


#18
Methyl tert-butyl Ether
Concen: 27.060 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14



Tgt Ion: 73 Resp: 361805
Ion Ratio Lower Upper
73 100
43 19.7 15.6 23.4
57 22.4 18.3 27.5





#19

1,1-Dichloroethane

Concen: 27.170 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

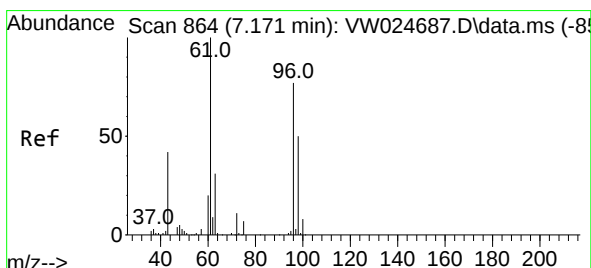
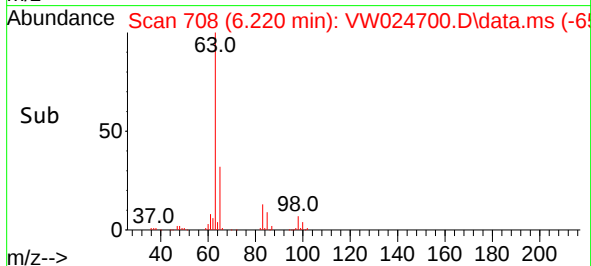
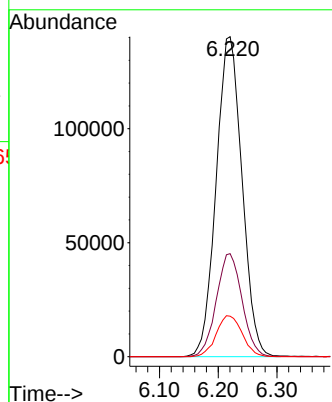
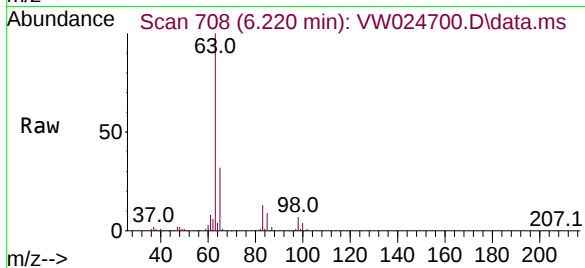
Tgt Ion: 63 Resp: 428661

Ion Ratio Lower Upper

63 100

65 32.2 23.7 43.9

83 12.7 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 27.667 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

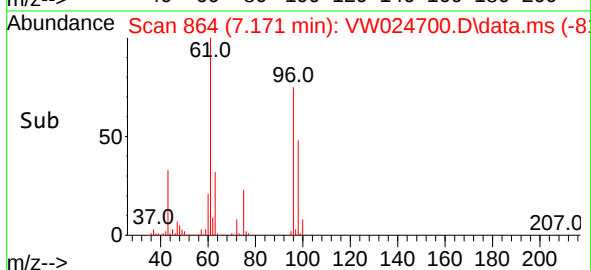
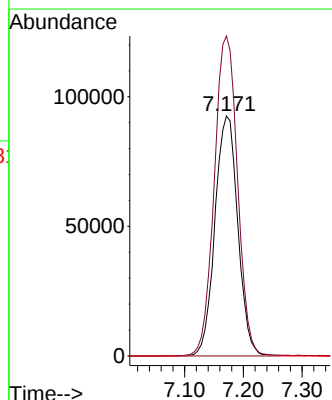
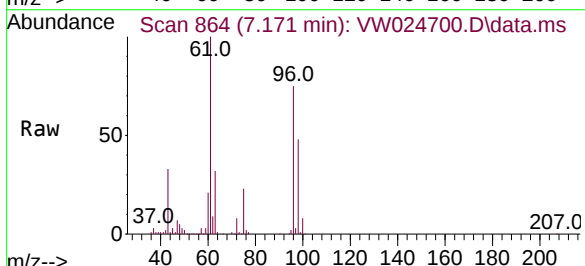
Tgt Ion: 96 Resp: 250339

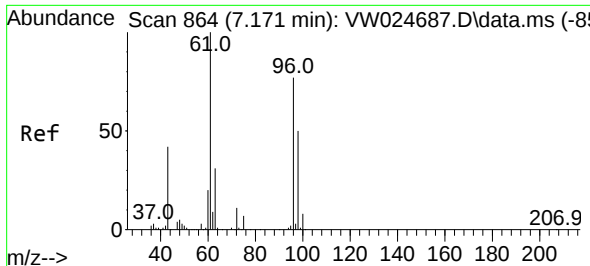
Ion Ratio Lower Upper

96 100

61 133.3 90.2 167.4

68 0.0 0.0 0.0

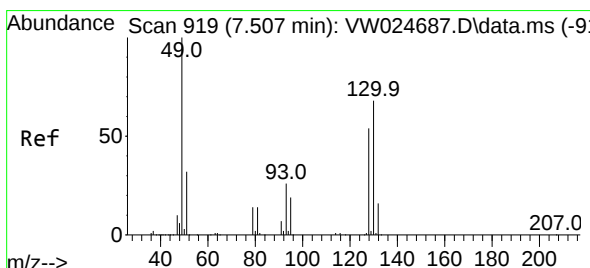
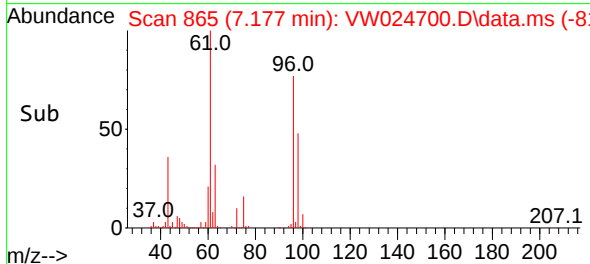
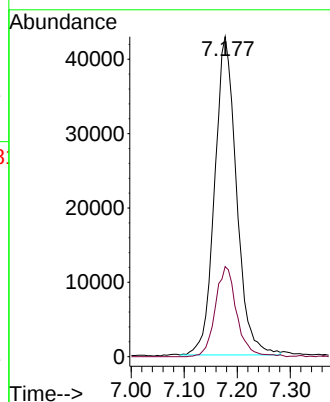
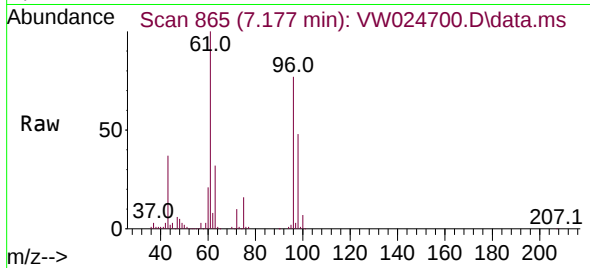




#22
2-Butanone
Concen: 48.663 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

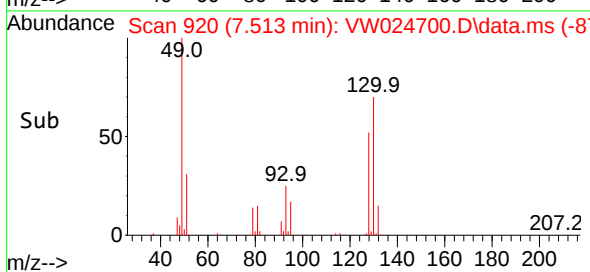
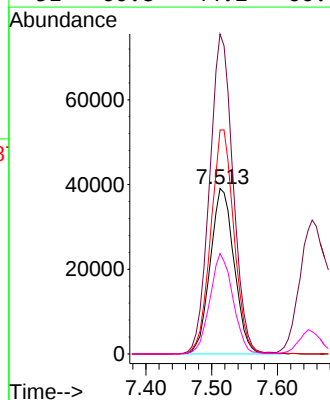
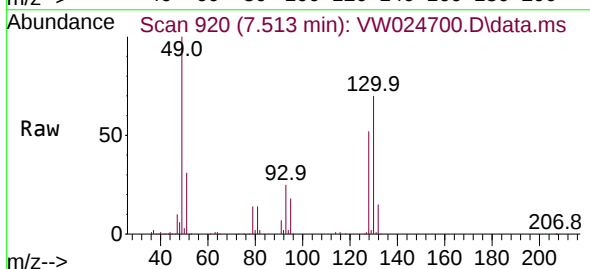
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

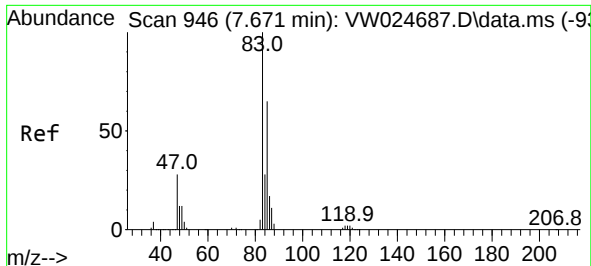
Tgt Ion: 43 Resp: 122557
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.3



#23
Bromochloromethane
Concen: 26.932 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion: 128 Resp: 99042
Ion Ratio Lower Upper
128 100
49 193.5 127.3 236.3
130 135.4 90.2 167.4
51 60.8 44.2 66.4

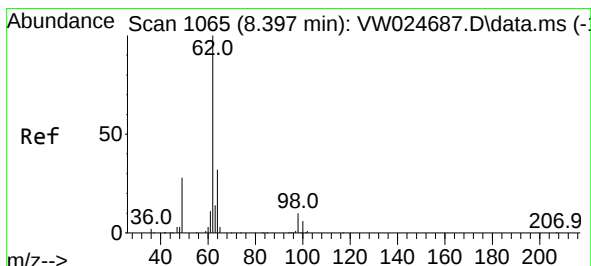
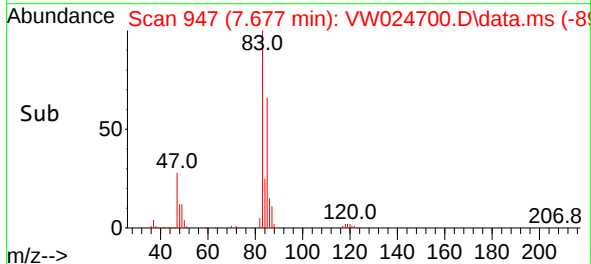
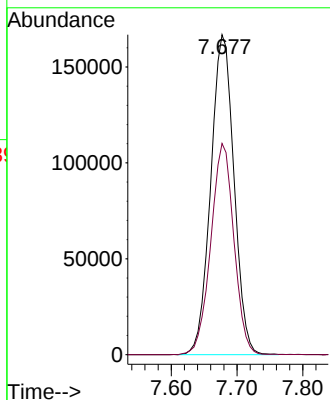
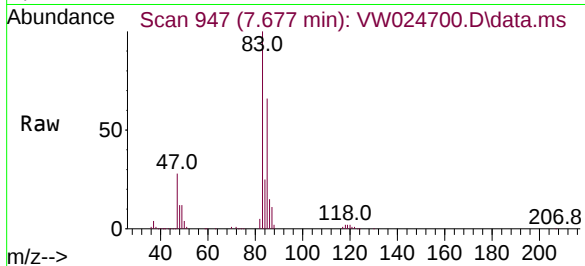




#25
Chloroform
Concen: 27.387 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

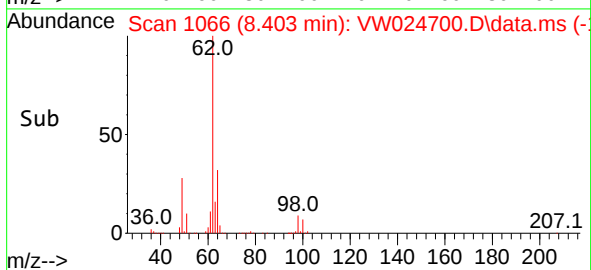
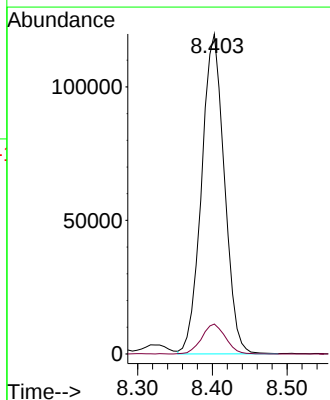
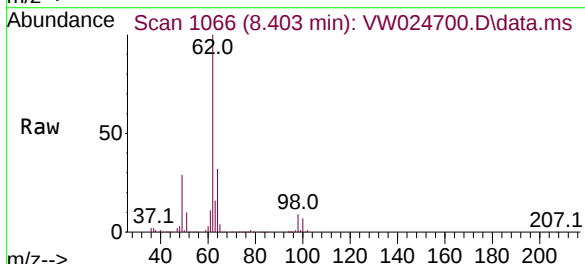
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

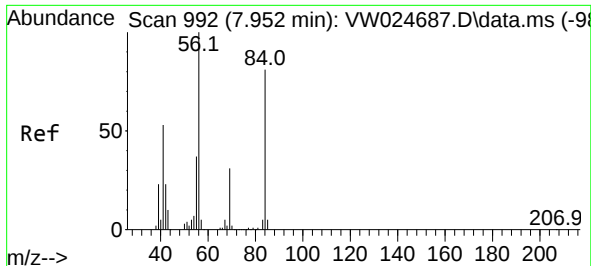
Tgt Ion: 83 Resp: 409724
Ion Ratio Lower Upper
83 100
85 66.0 44.0 81.8



#27
1,2-Dichloroethane
Concen: 26.996 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion: 62 Resp: 254136
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8

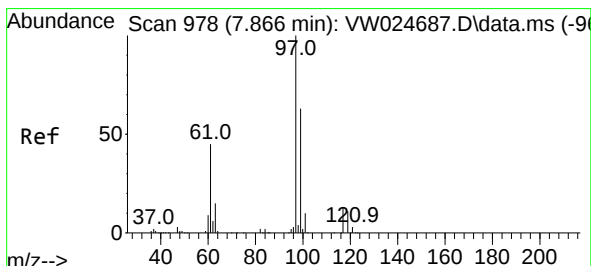
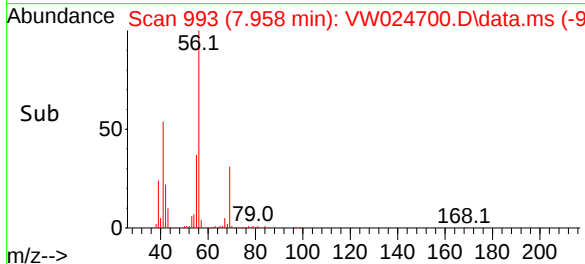
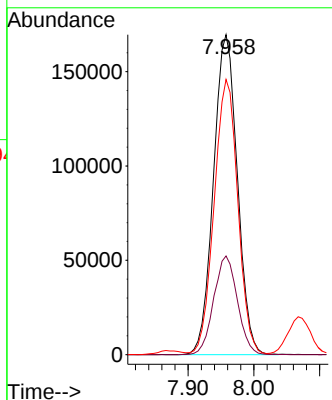
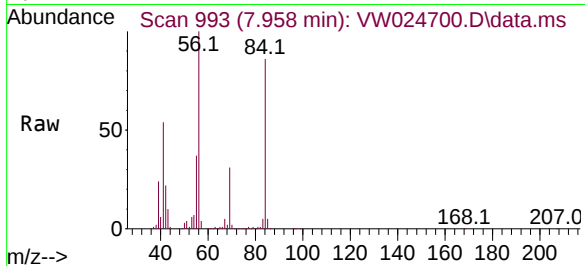




#29
Cyclohexane
Concen: 27.111 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

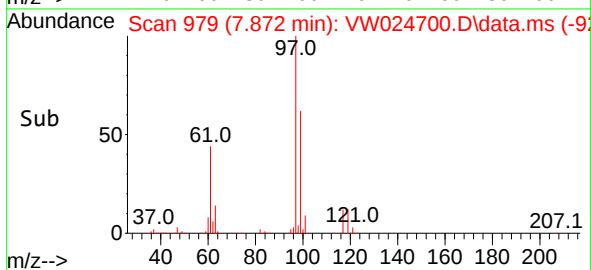
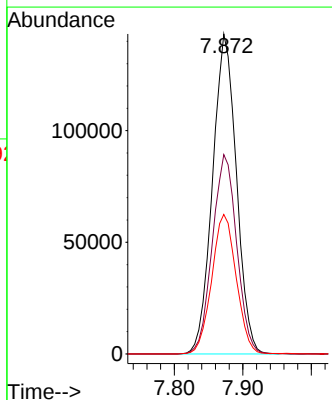
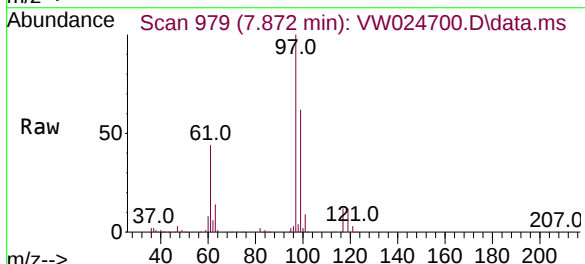
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

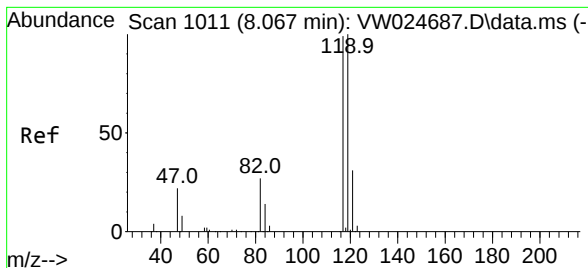
Tgt Ion: 56 Resp: 428387
Ion Ratio Lower Upper
56 100
69 30.6 25.0 37.4
84 85.4 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 28.238 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion: 97 Resp: 346655
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 44.7 35.8 53.6





#31

Carbon tetrachloride

Concen: 28.742 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

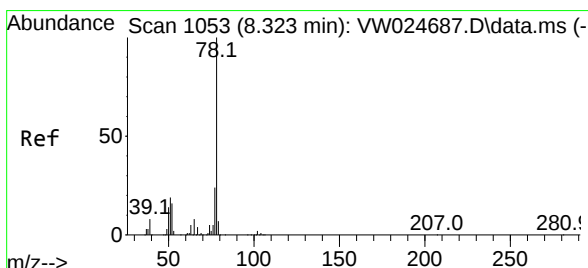
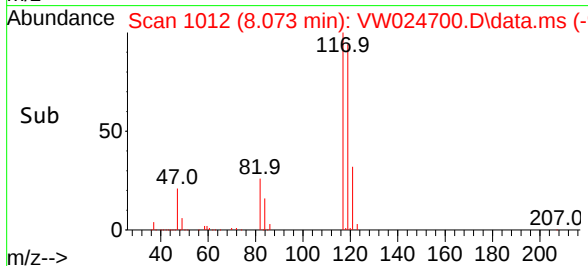
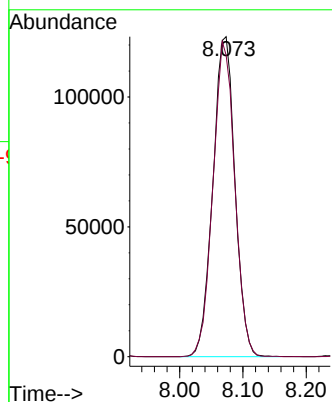
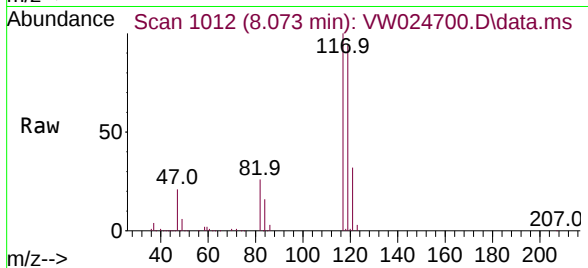
VSTD025581

Tgt Ion:117 Resp: 298798

Ion Ratio Lower Upper

117 100

119 97.1 76.2 114.2



#33

Benzene

Concen: 27.233 ug/L

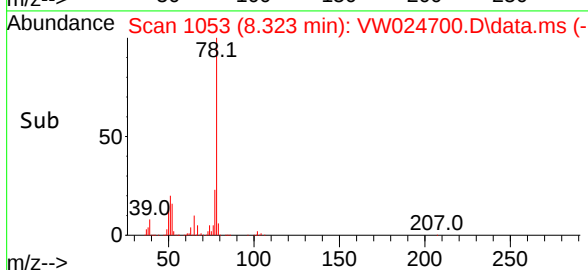
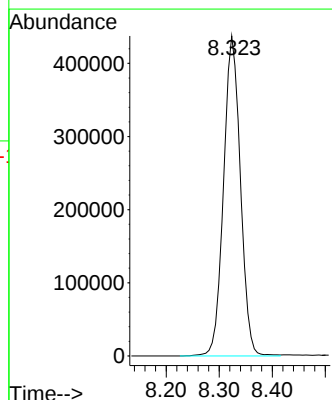
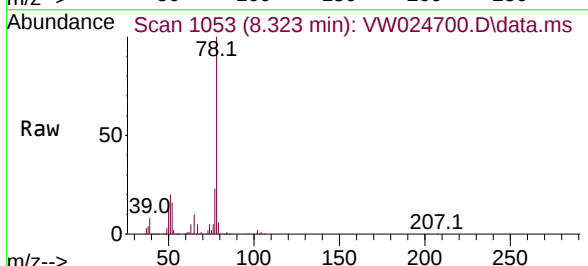
RT: 8.323 min Scan# 1053

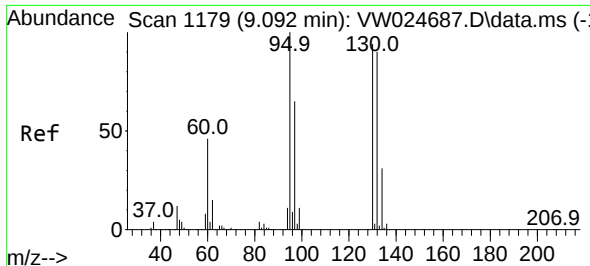
Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Tgt Ion: 78 Resp: 966982





#34

Trichloroethene

Concen: 27.210 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

Tgt Ion: 95 Resp: 244881

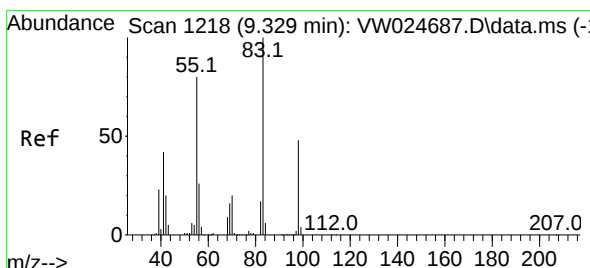
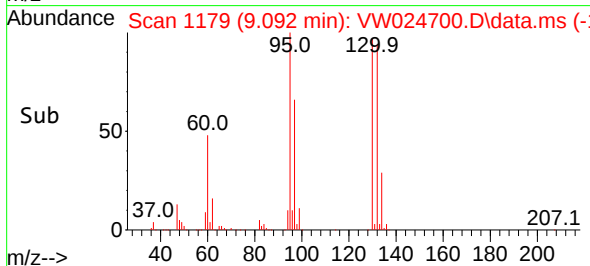
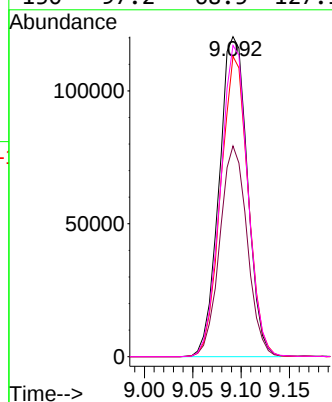
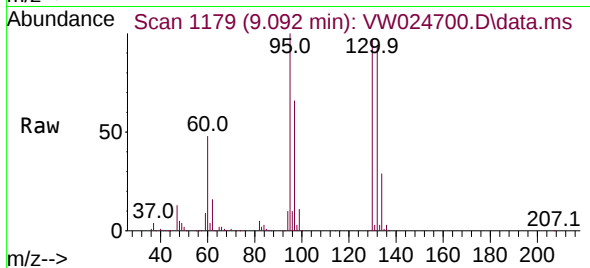
Ion Ratio Lower Upper

95 100

97 65.9 43.5 80.9

132 93.9 61.2 113.8

130 97.2 68.5 127.1



#35

Methylcyclohexane

Concen: 27.283 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

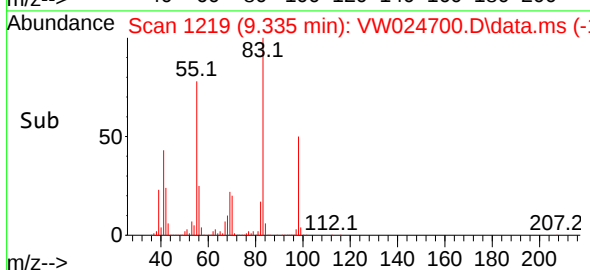
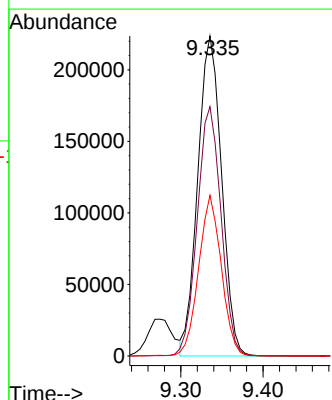
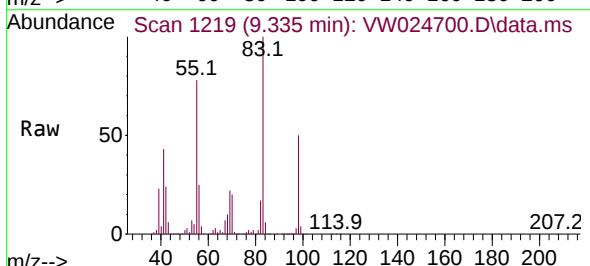
Tgt Ion: 83 Resp: 450116

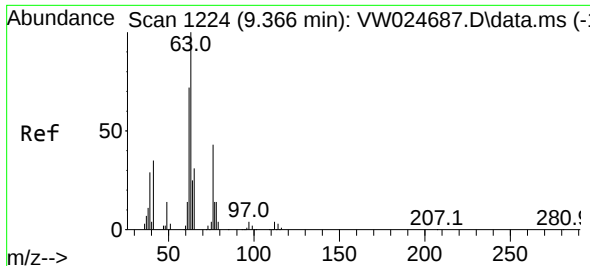
Ion Ratio Lower Upper

83 100

55 77.9 63.1 94.7

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 27.674 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

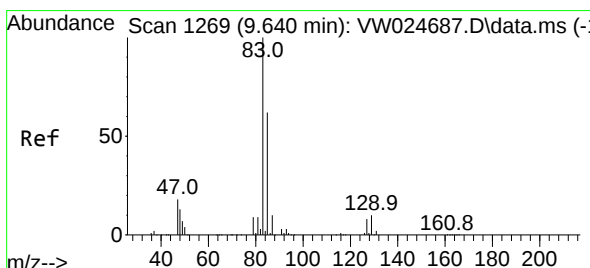
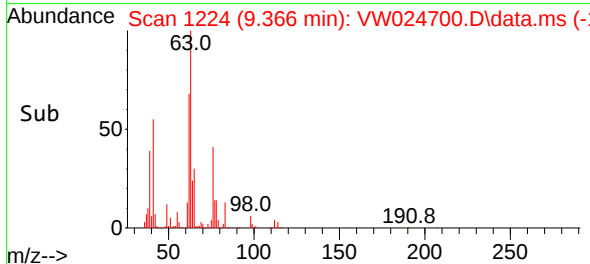
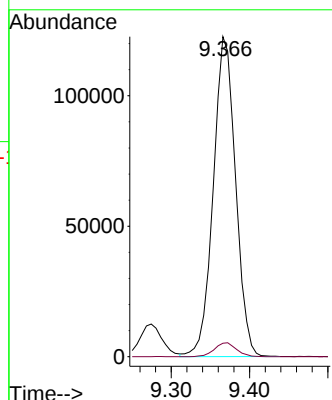
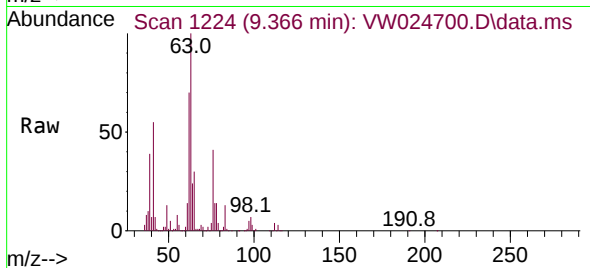
VSTD025581

Tgt Ion: 63 Resp: 242584

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 27.747 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

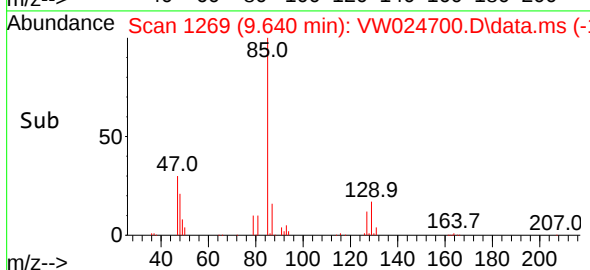
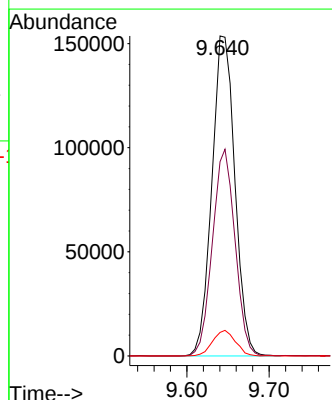
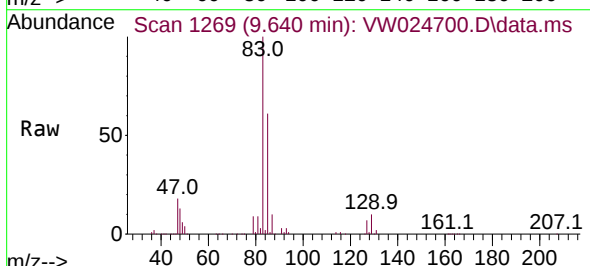
Tgt Ion: 83 Resp: 299194

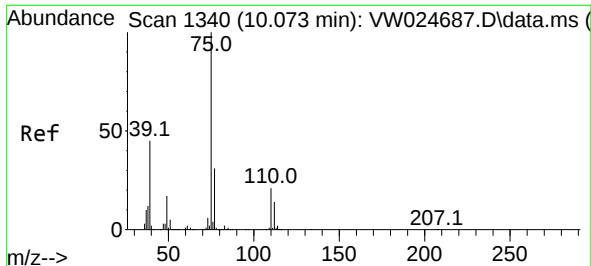
Ion Ratio Lower Upper

83 100

85 60.7 45.6 84.8

127 7.3 6.4 9.6

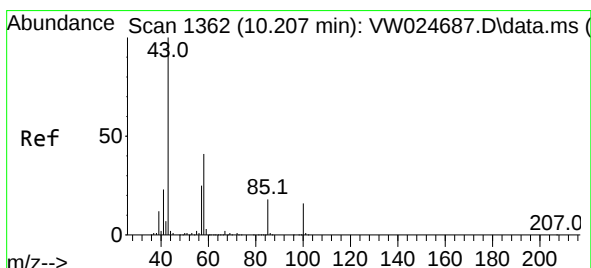
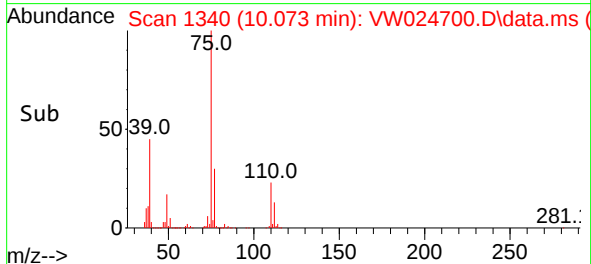
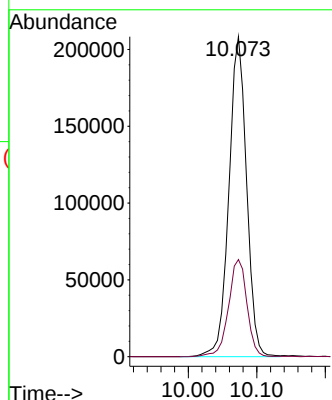
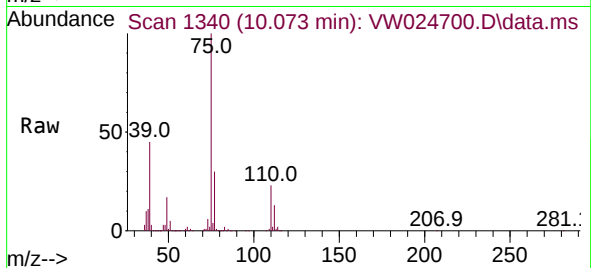




#39
 cis-1,3-Dichloropropene
 Concen: 26.888 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

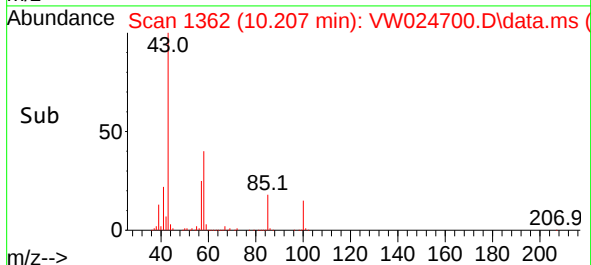
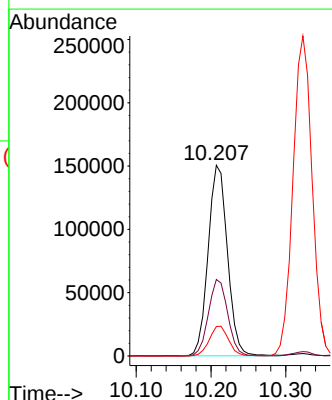
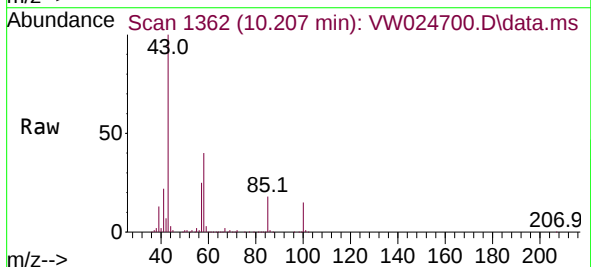
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

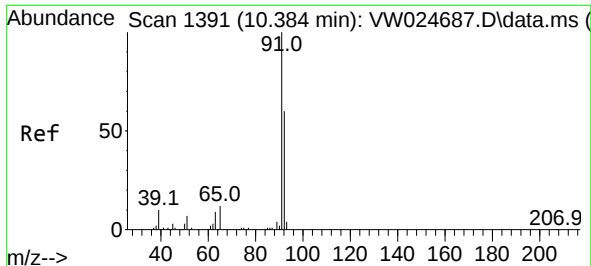
Tgt Ion: 75 Resp: 372718
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 52.083 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

Tgt Ion: 43 Resp: 270239
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.9 49.3
 100 15.6 12.6 19.0

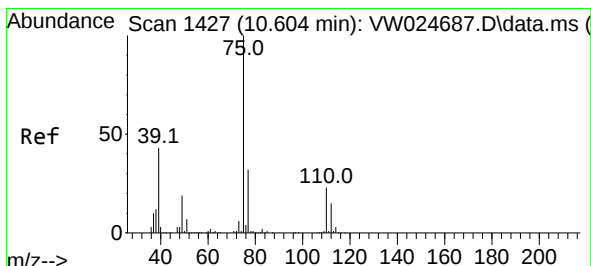
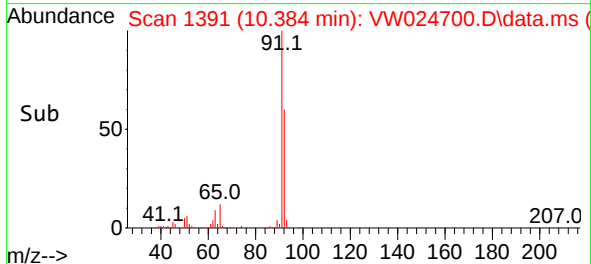
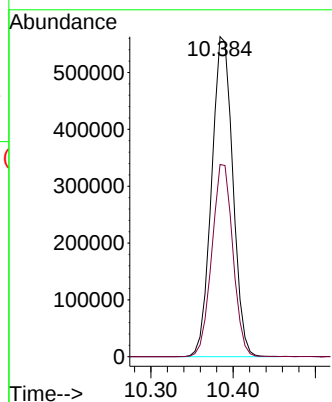
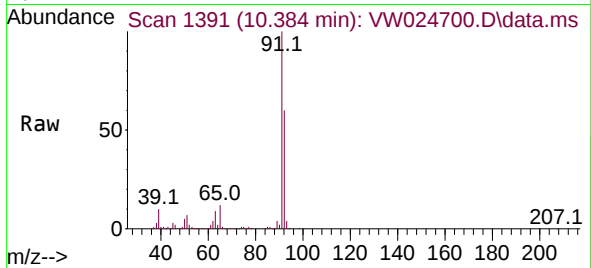




#42
Toluene
Concen: 27.518 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

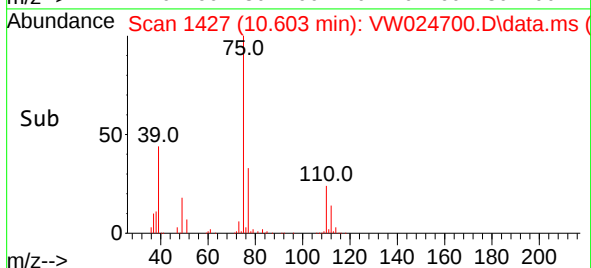
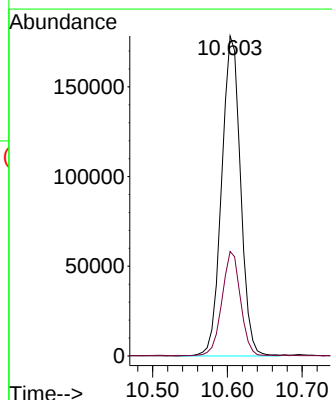
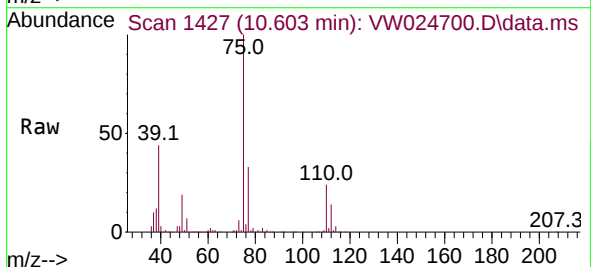
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

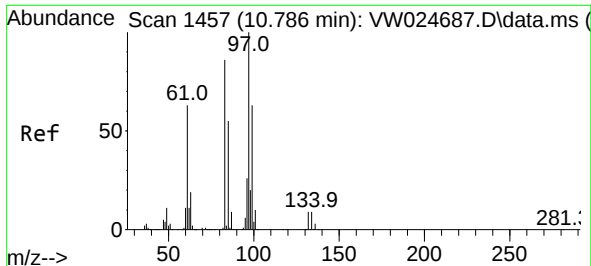
Tgt Ion: 91 Resp: 1009010
Ion Ratio Lower Upper
91 100
92 60.0 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 26.443 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion: 75 Resp: 314265
Ion Ratio Lower Upper
75 100
77 32.7 21.3 39.6

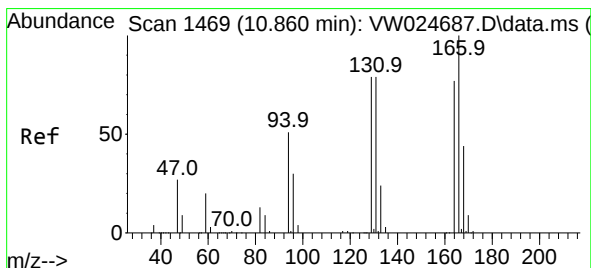
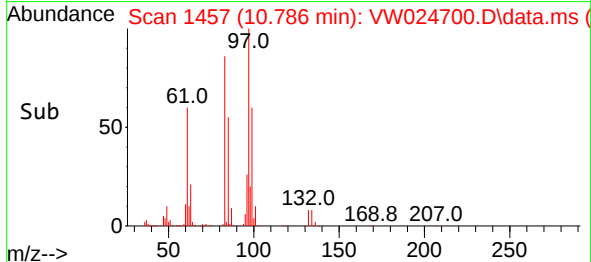
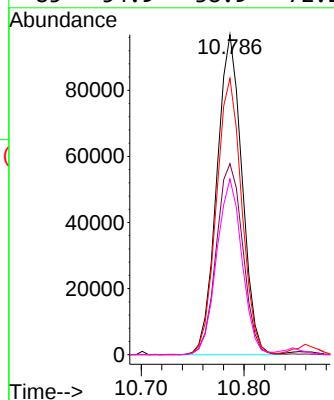
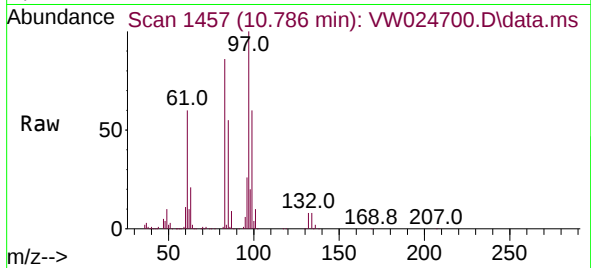




#45
1,1,2-Trichloroethane
Concen: 27.481 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

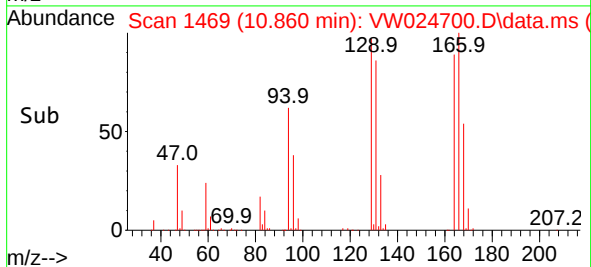
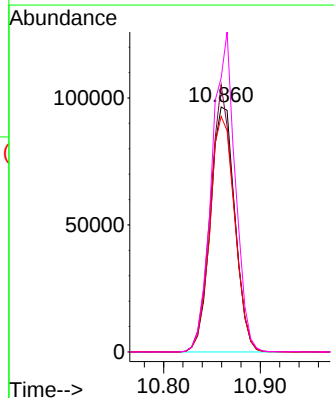
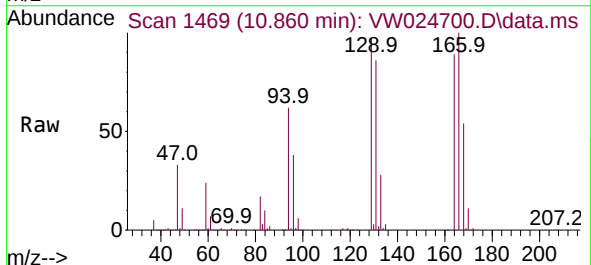
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

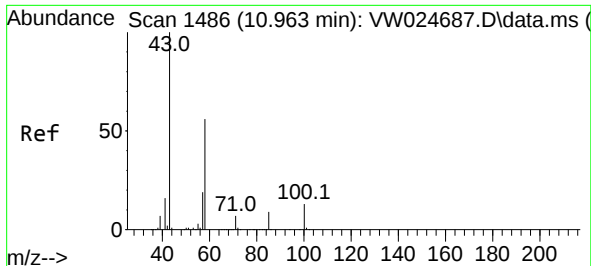
Tgt Ion: 97	Resp: 164544
Ion Ratio	Lower Upper
97 100	
99 59.7	43.8 81.4
83 86.4	60.1 111.5
85 54.9	38.9 72.2



#46
Tetrachloroethene
Concen: 27.865 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt	Ion:164	Resp:	170393
Ion	Ratio	Lower	Upper
164	100		
129	109.1	74.1	137.5
131	96.2	71.5	132.7
166	111.9	76.3	141.7

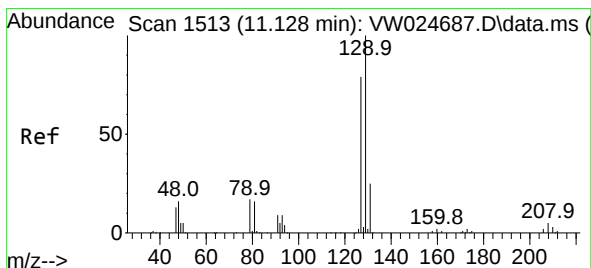
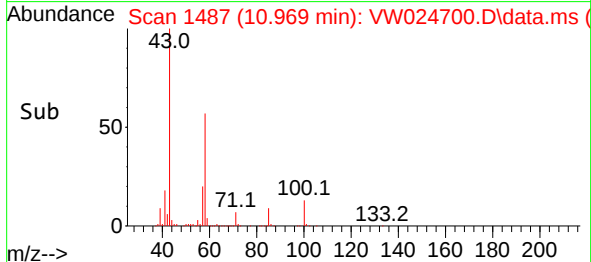
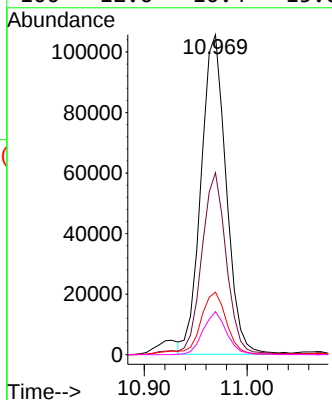
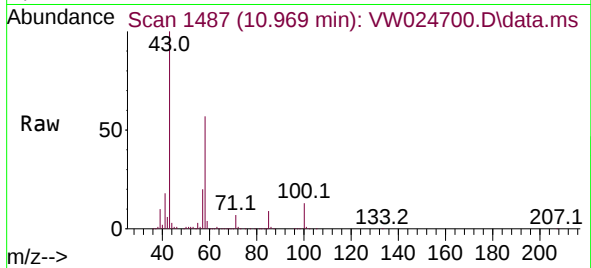




#48
2-Hexanone
Concen: 51.098 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

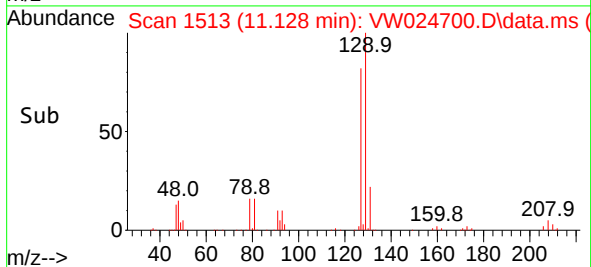
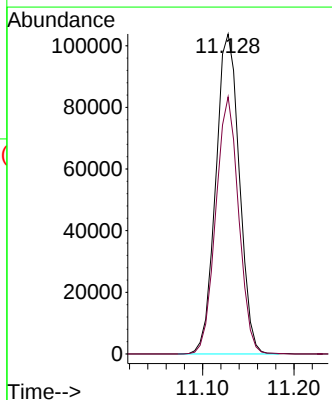
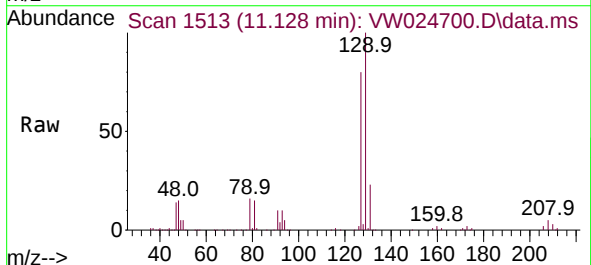
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

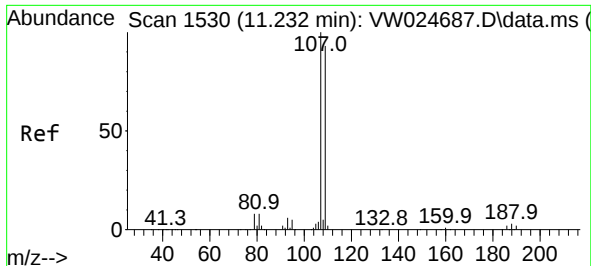
Tgt Ion: 43 Resp: 179281
Ion Ratio Lower Upper
43 100
58 55.7 45.3 67.9
57 19.8 16.3 24.5
100 12.6 10.4 15.6



#49
Dibromochloromethane
Concen: 27.607 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion:129 Resp: 186137
Ion Ratio Lower Upper
129 100
127 80.4 52.4 97.4

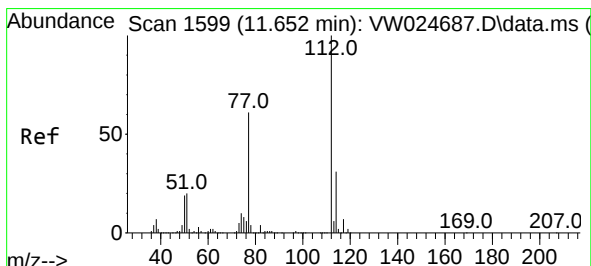
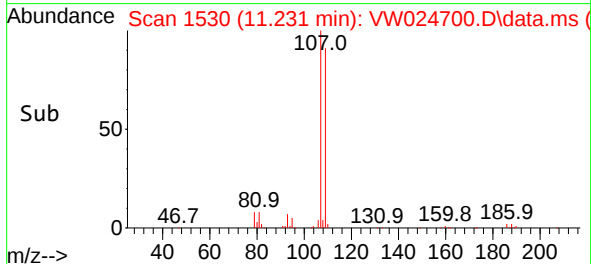
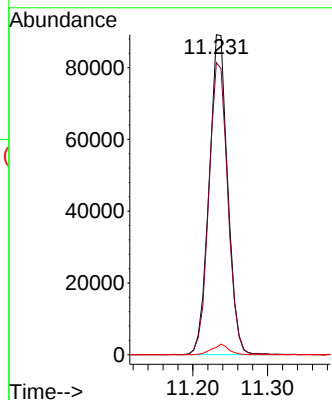
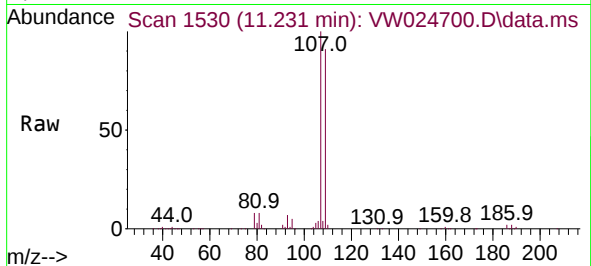




#50
1,2-Dibromoethane
Concen: 27.186 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

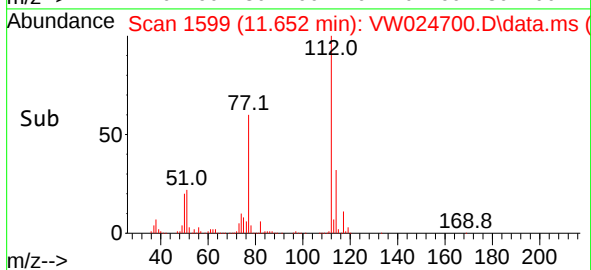
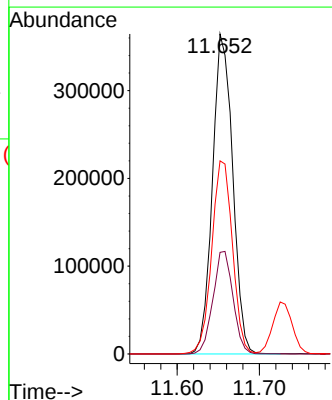
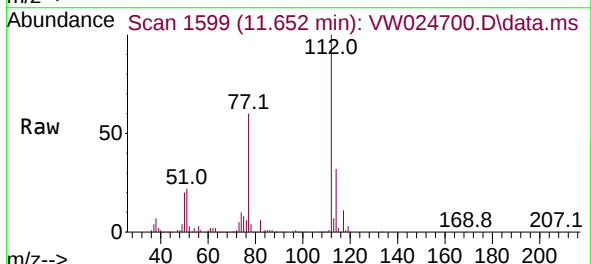
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

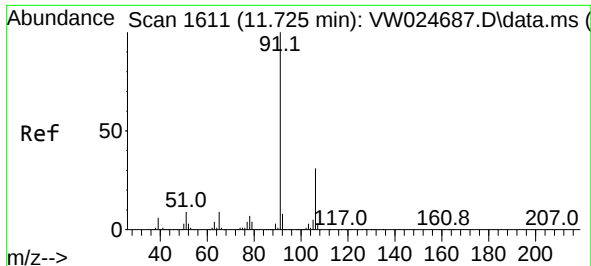
Tgt Ion:107 Resp: 154075
Ion Ratio Lower Upper
107 100
109 91.2 65.5 121.7
188 2.3 2.4 3.6#



#51
Chlorobenzene
Concen: 27.748 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion:112 Resp: 622966
Ion Ratio Lower Upper
112 100
114 31.8 23.3 43.3
77 60.3 49.1 73.7

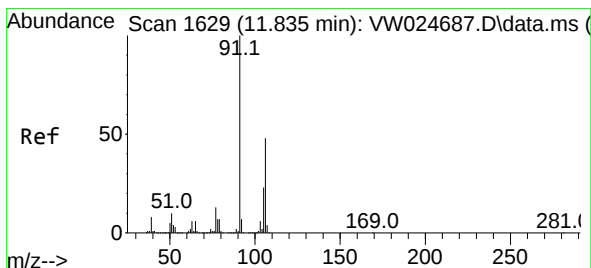
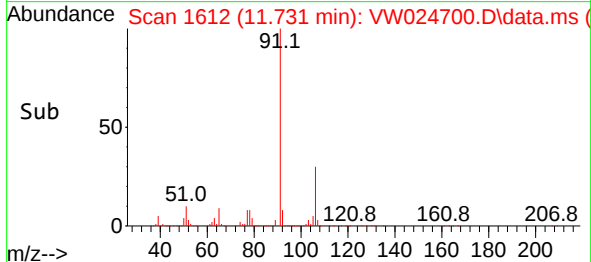
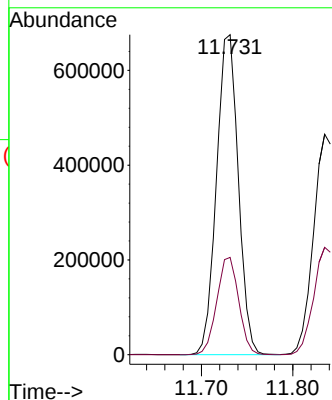
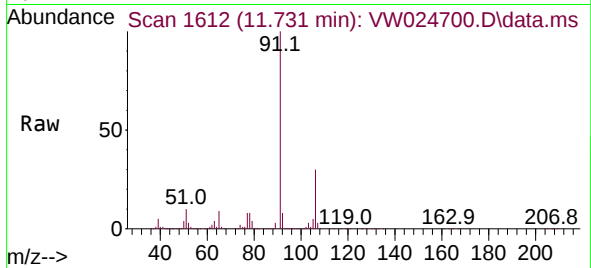




#52
Ethylbenzene
Concen: 27.733 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

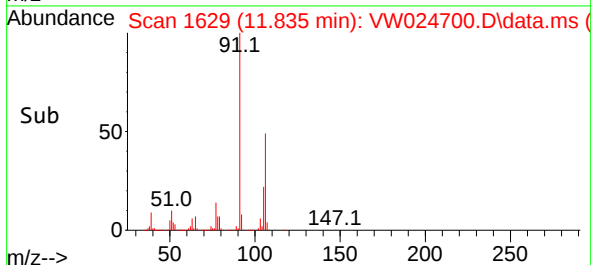
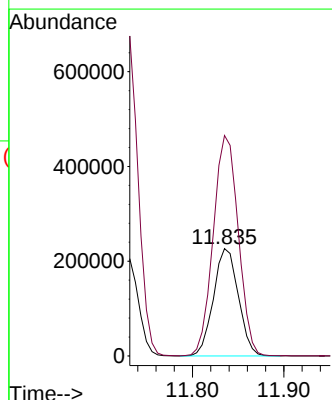
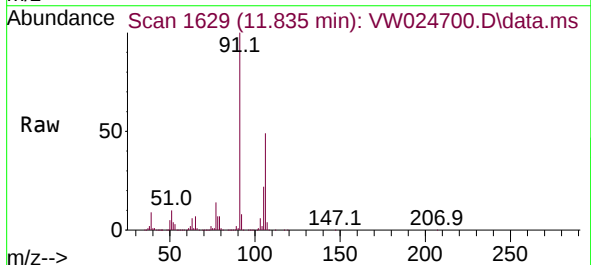
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

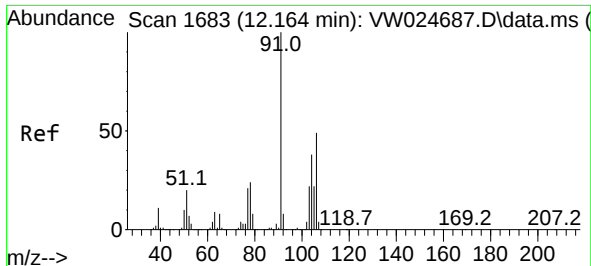
Tgt Ion: 91 Resp: 1120124
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 27.179 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion: 106 Resp: 428656
Ion Ratio Lower Upper
106 100
91 205.5 146.8 272.6

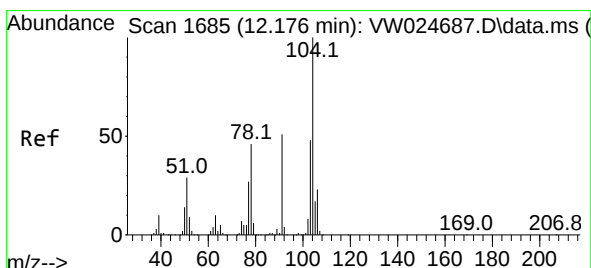
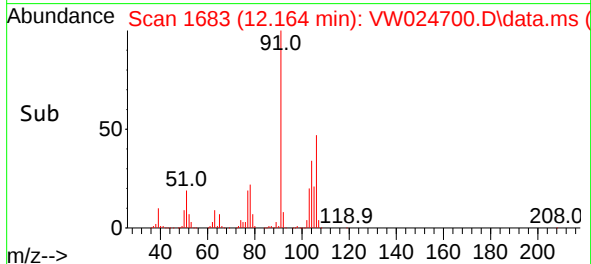
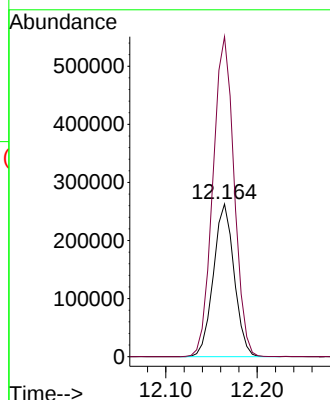
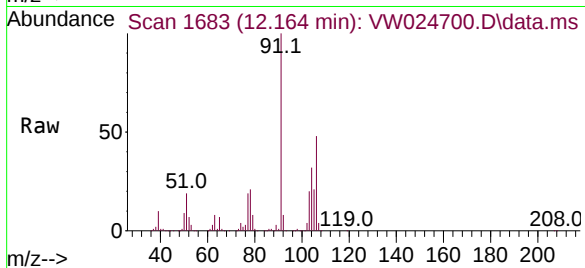




#54
o-Xylene
Concen: 27.849 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

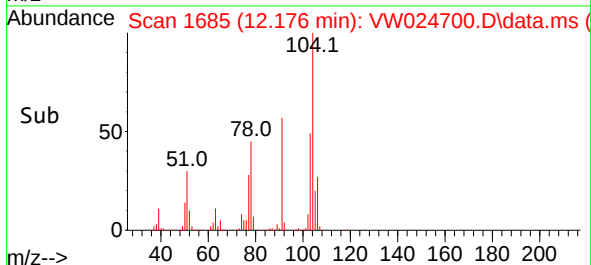
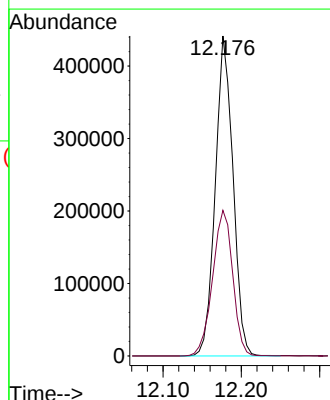
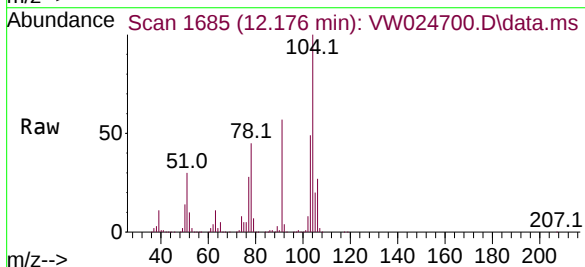
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

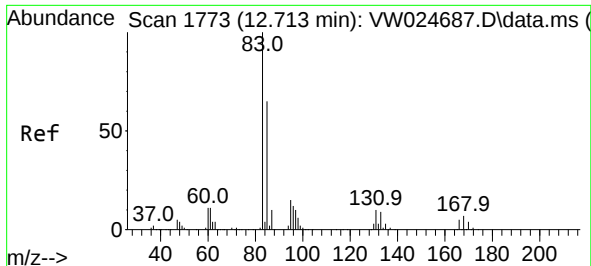
Tgt Ion:106 Resp: 414763
Ion Ratio Lower Upper
106 100
91 209.5 146.3 271.7



#55
Styrene
Concen: 27.641 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion:104 Resp: 693986
Ion Ratio Lower Upper
104 100
78 45.5 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 27.699 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

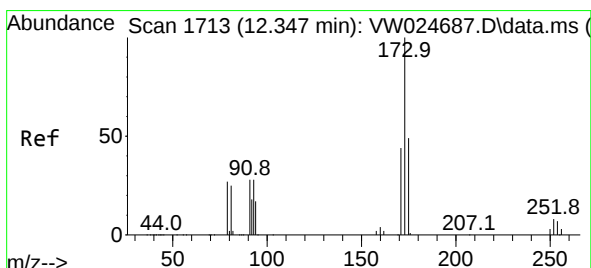
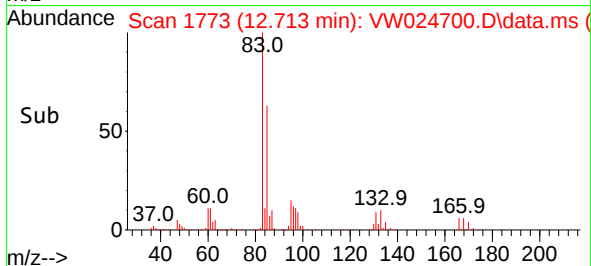
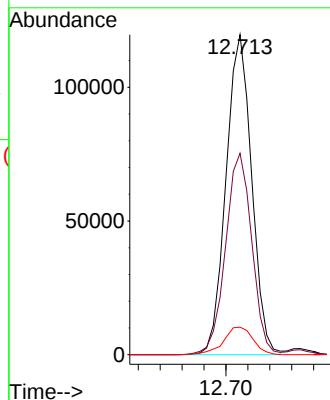
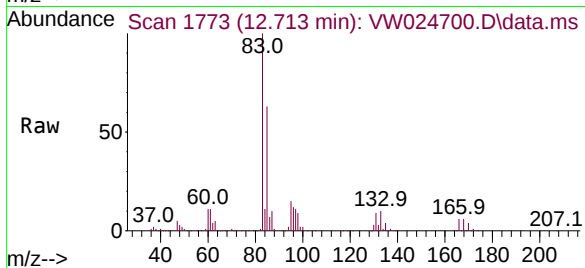
Tgt Ion: 83 Resp: 194193

Ion Ratio Lower Upper

83 100

85 63.0 45.2 84.0

131 8.6 7.3 10.9



#59

Bromoform

Concen: 26.292 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

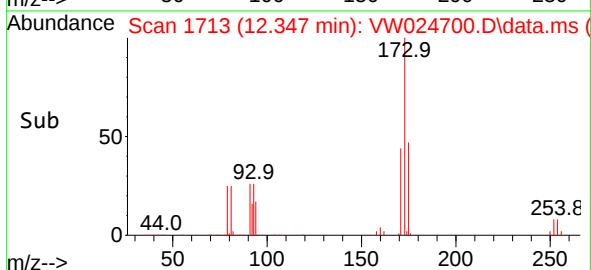
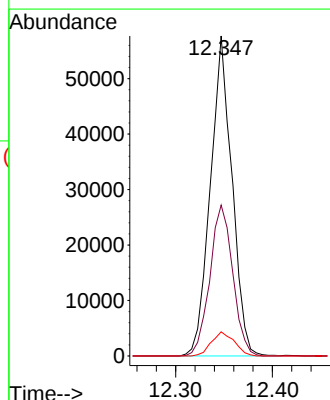
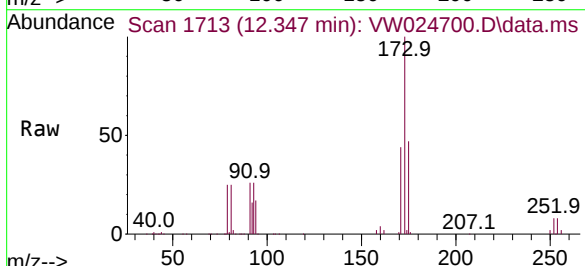
Tgt Ion:173 Resp: 89644

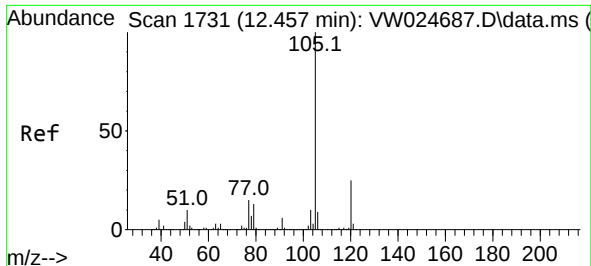
Ion Ratio Lower Upper

173 100

175 49.9 37.7 56.5

254 8.0 6.7 10.1

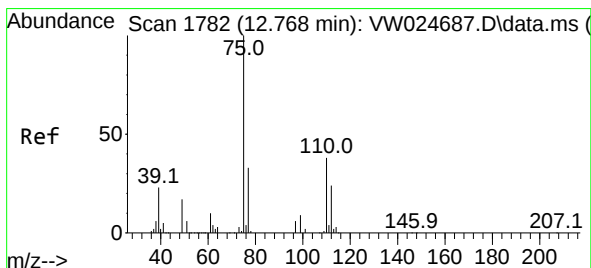
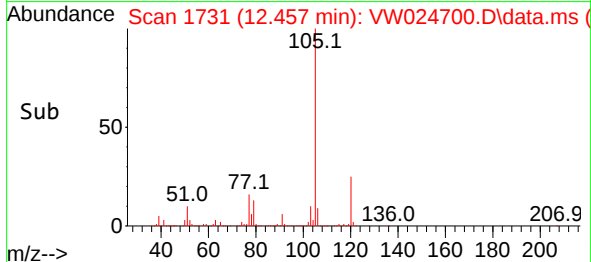
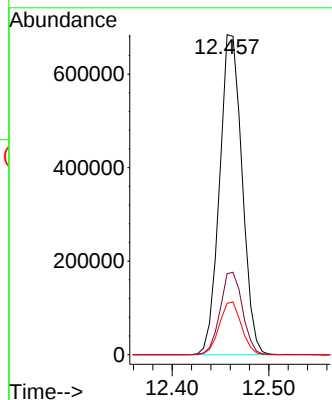
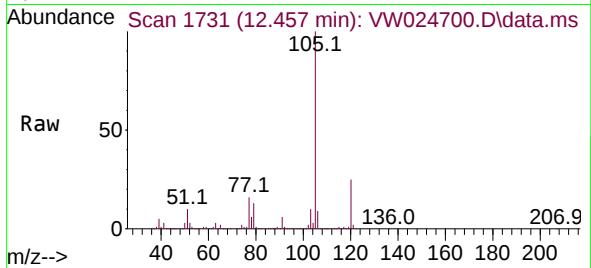




#60
Isopropylbenzene
Concen: 28.121 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

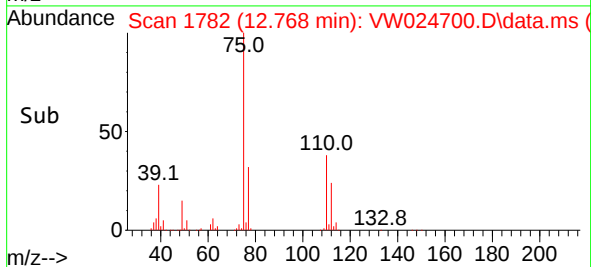
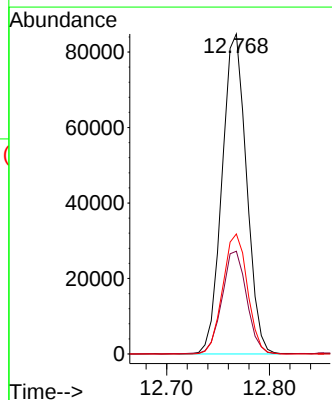
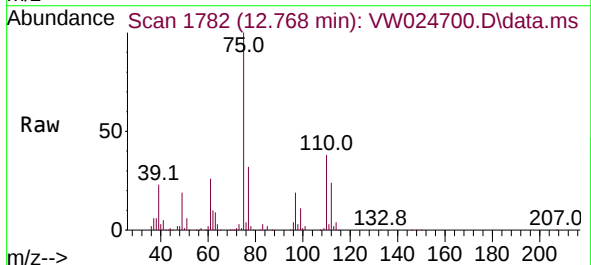
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

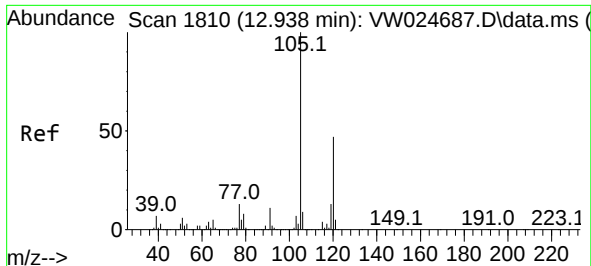
Tgt Ion:105 Resp: 1105534
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 16.2 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 26.935 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion: 75 Resp: 139951
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 37.9 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 28.255 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

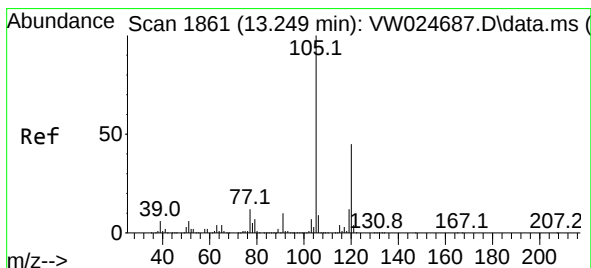
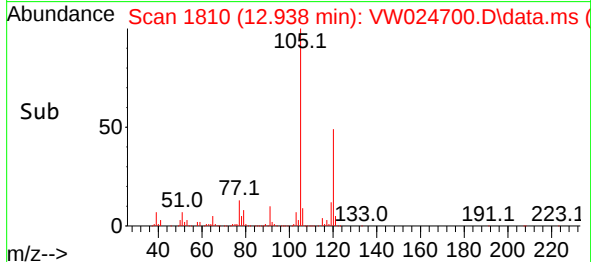
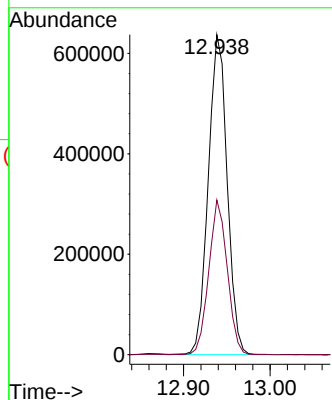
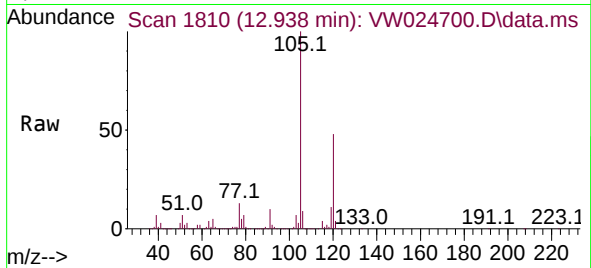
VSTD025581

Tgt Ion:105 Resp: 965475

Ion Ratio Lower Upper

105 100

120 47.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 27.819 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024700.D

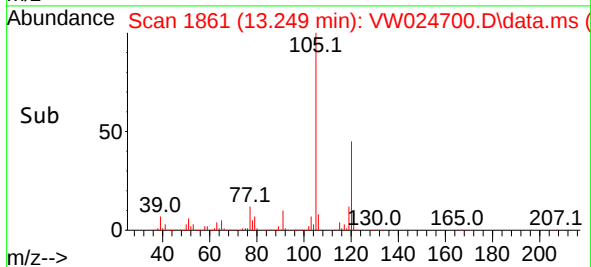
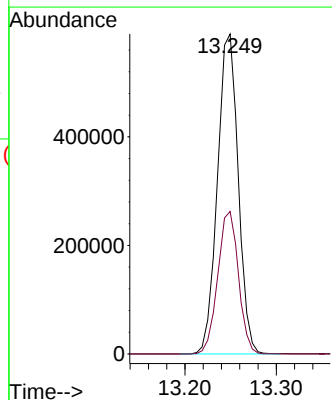
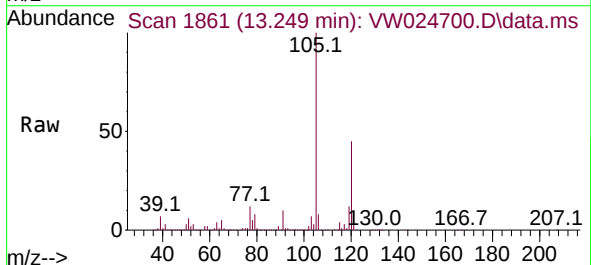
Acq: 30 Sep 2022 18:14

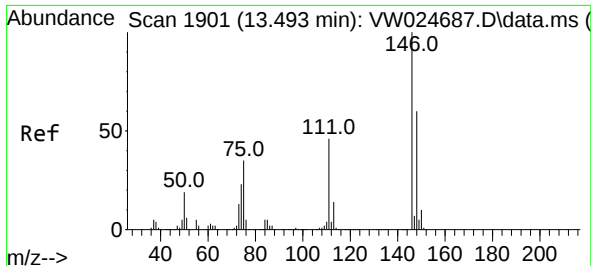
Tgt Ion:105 Resp: 931229

Ion Ratio Lower Upper

105 100

120 44.4 35.2 52.8

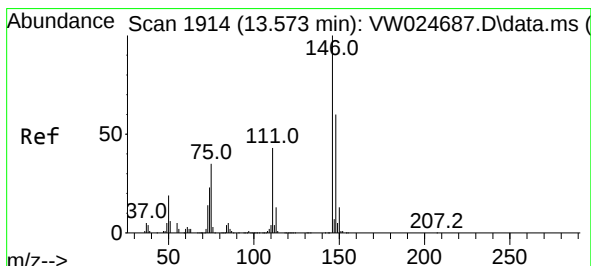
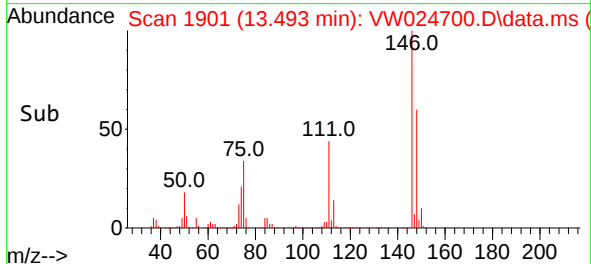
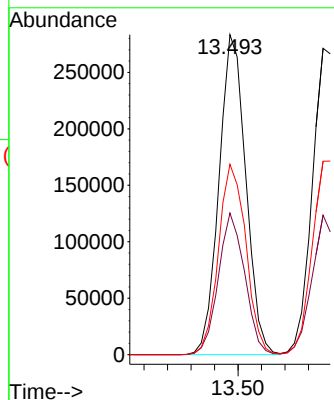
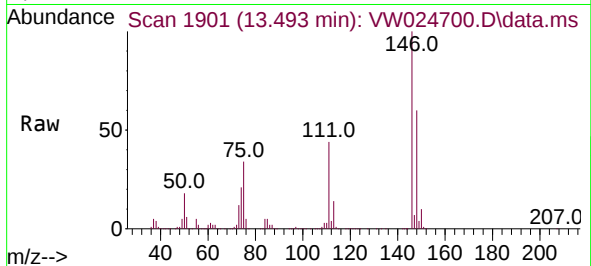




#64
1,3-Dichlorobenzene
Concen: 28.147 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

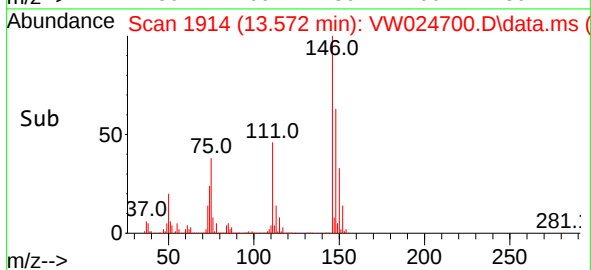
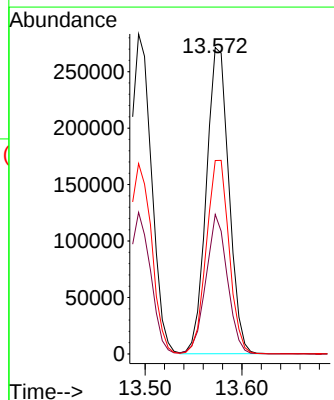
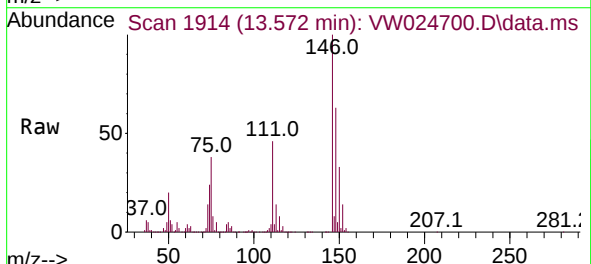
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

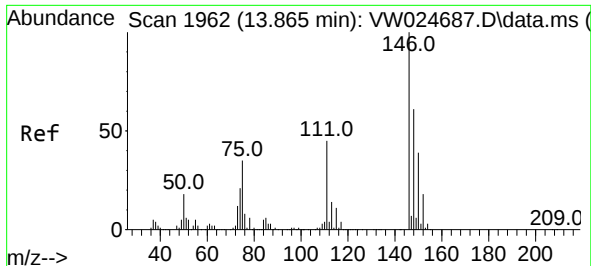
Tgt Ion:146 Resp: 449550
Ion Ratio Lower Upper
146 100
111 44.3 31.6 58.6
148 59.5 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 28.309 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024700.D
Acq: 30 Sep 2022 18:14

Tgt Ion:146 Resp: 440144
Ion Ratio Lower Upper
146 100
111 45.5 29.4 54.6
148 63.1 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 28.766 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

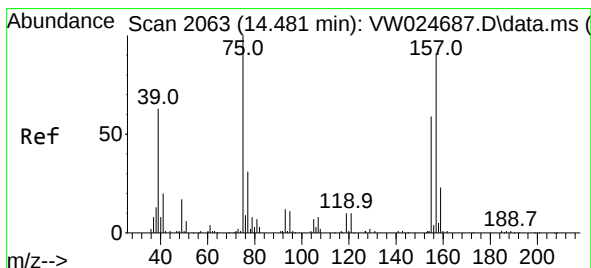
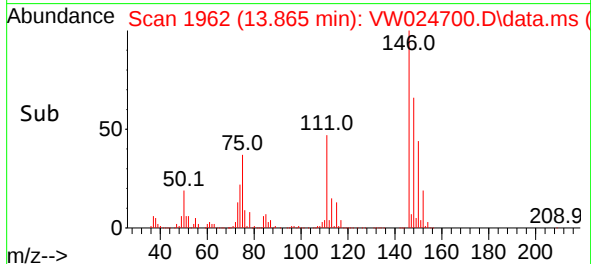
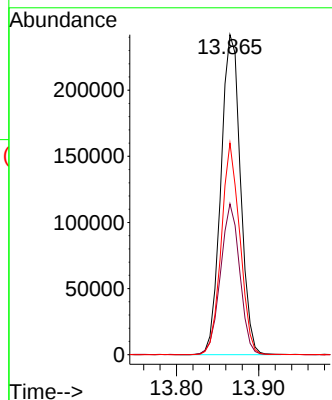
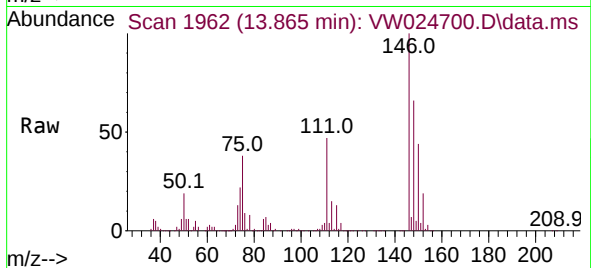
Tgt Ion:146 Resp: 400171

Ion Ratio Lower Upper

146 100

111 47.1 37.2 55.8

148 66.1 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.806 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

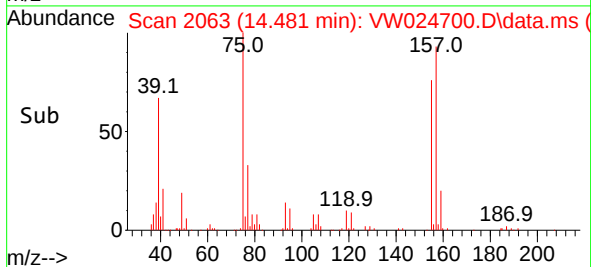
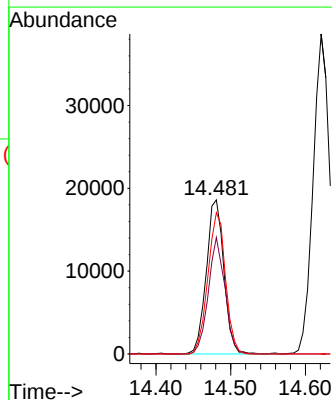
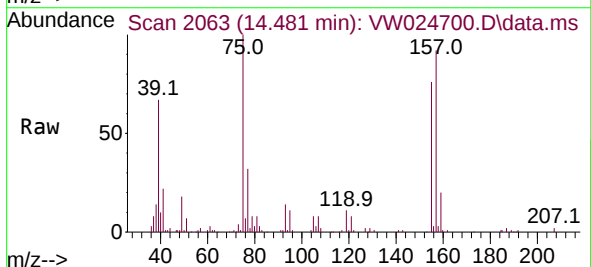
Tgt Ion: 75 Resp: 30479

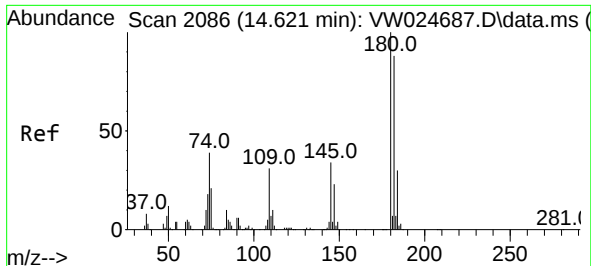
Ion Ratio Lower Upper

75 100

155 75.6 57.6 86.4

157 91.7 73.0 109.6

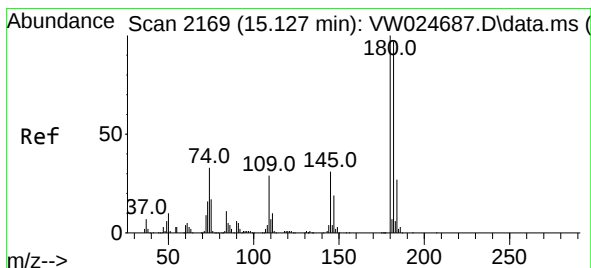
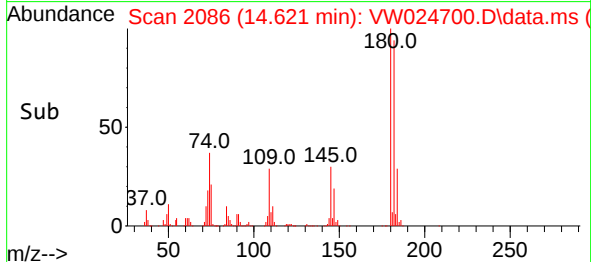
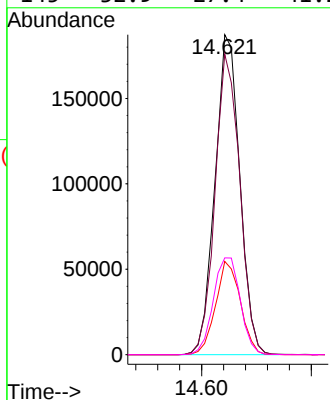
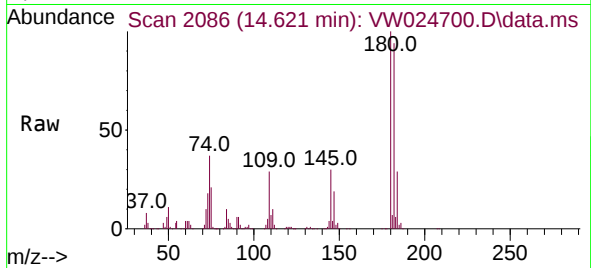




#69
 1,3,5-Trichlorobenzene
 Concen: 27.813 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.000 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

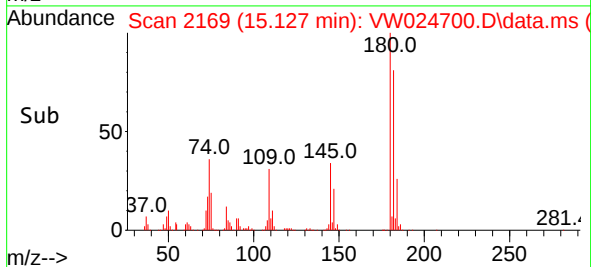
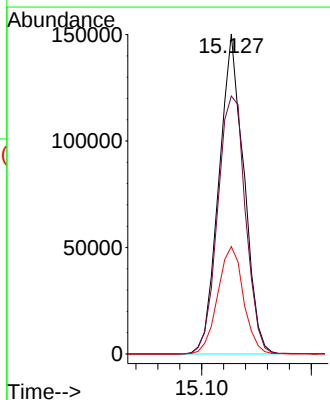
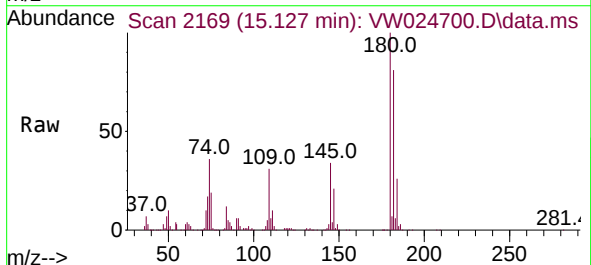
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

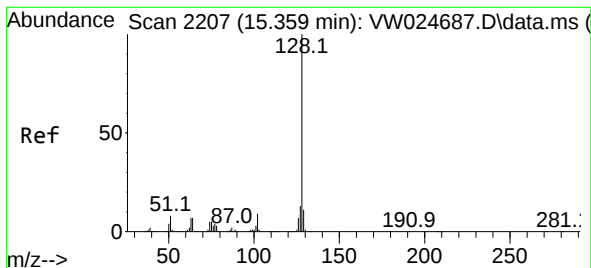
Tgt Ion:180	Resp:	294945
Ion Ratio	Lower	Upper
180	100	
182	93.8	77.1 115.7
184	29.2	23.3 34.9
145	32.9	27.4 41.2



#70
 1,2,4-trichlorobenzene
 Concen: 26.623 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW024700.D
 Acq: 30 Sep 2022 18:14

Tgt Ion:180	Resp:	237181
Ion Ratio	Lower	Upper
180	100	
182	89.9	76.8 115.2
145	34.7	29.0 43.4





#71

Naphthalene

Concen: 25.963 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

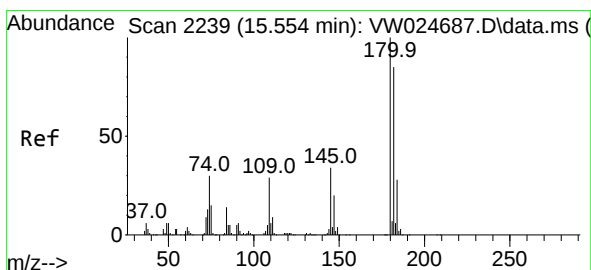
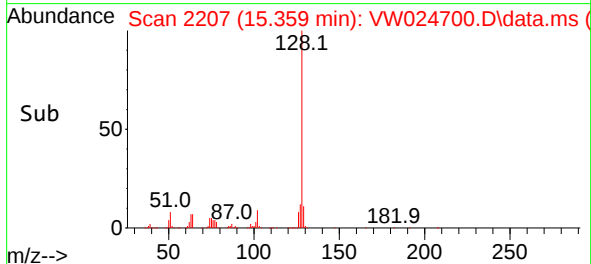
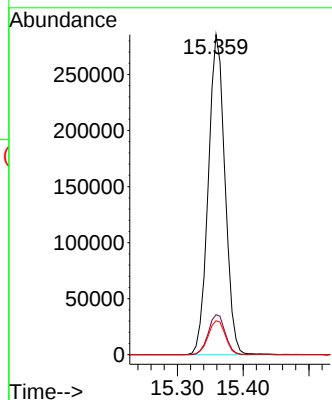
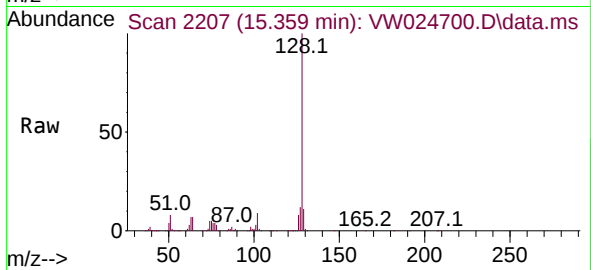
Tgt Ion:128 Resp: 503628

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.537 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024700.D

Acq: 30 Sep 2022 18:14

Tgt Ion:180 Resp: 201210

Ion Ratio Lower Upper

180 100

182 95.4 77.4 116.2

145 35.5 30.6 45.8

