

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020708.D
 Acq On : 26 Dec 2024 10:16
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 26 16:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	124056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	173311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	146011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	74311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	15547	15.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	30.600%#
35) Dibromofluoromethane	7.646	113	16110	16.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	33.760%#
50) Toluene-d8	10.115	98	50794	14.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	29.280%#
62) 4-Bromofluorobenzene	12.414	95	22093	17.414	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	34.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	18601	19.049	ug/l	92
3) Chloromethane	2.074	50	6487	17.813	ug/l	96
4) Vinyl Chloride	2.214	62	8742	19.375	ug/l	98
5) Bromomethane	2.611	94	6370	18.699	ug/l	96
6) Chloroethane	2.745	64	5058	18.687	ug/l	96
7) Trichlorofluoromethane	3.074	101	34026	19.610	ug/l	99
8) Diethyl Ether	3.470	74	7737	18.739	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	18742	19.675	ug/l	97
10) Methyl Iodide	4.019	142	19652	18.866	ug/l	99
11) Tert butyl alcohol	4.897	59	6567	90.235	ug/l #	88
12) 1,1-Dichloroethene	3.806	96	16374	19.312	ug/l	93
13) Acrolein	3.665	56	2867	134.971	ug/l	94
14) Allyl chloride	4.403	41	19316	19.468	ug/l	96
15) Acrylonitrile	5.074	53	14919	93.535	ug/l	99
16) Acetone	3.885	43	11272	87.443	ug/l	99
17) Carbon Disulfide	4.123	76	38140	18.338	ug/l	96
18) Methyl Acetate	4.403	43	6527	18.708	ug/l	93
19) Methyl tert-butyl Ether	5.135	73	45739	19.355	ug/l	97
20) Methylene Chloride	4.629	84	16287	19.426	ug/l	87
21) trans-1,2-Dichloroethene	5.128	96	17672	19.342	ug/l	96
22) Diisopropyl ether	6.031	45	39891	19.778	ug/l	97
23) Vinyl Acetate	5.976	43	116269	96.512	ug/l	99
24) 1,1-Dichloroethane	5.939	63	29556	19.545	ug/l	98
25) 2-Butanone	6.903	43	16336	93.814	ug/l	95
26) 2,2-Dichloropropane	6.903	77	35847	19.368	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	21139	19.320	ug/l	98
28) Bromochloromethane	7.256	49	6388	15.974	ug/l	93
29) Tetrahydrofuran	7.274	42	9908	92.698	ug/l	94
30) Chloroform	7.433	83	37350	19.200	ug/l	97
31) Cyclohexane	7.720	56	24456	18.736	ug/l #	95
32) 1,1,1-Trichloroethane	7.628	97	40987	19.656	ug/l	99
36) 1,1-Dichloropropene	7.848	75	24262	19.240	ug/l	98
37) Ethyl Acetate	6.994	43	8299	19.972	ug/l	96
38) Carbon Tetrachloride	7.829	117	40302	19.409	ug/l	96
39) Methylcyclohexane	9.116	83	32007	19.803	ug/l	94
40) Benzene	8.091	78	72108	19.731	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4661	22.206	ug/l	97
42) 1,2-Dichloroethane	8.171	62	22531	19.227	ug/l	99
43) Isopropyl Acetate	8.207	43	16635	18.834	ug/l	98
44) Trichloroethene	8.878	130	21859	20.026	ug/l	88
45) 1,2-Dichloropropane	9.152	63	14245	19.256	ug/l	92
46) Dibromomethane	9.238	93	9719	18.988	ug/l	97
47) Bromodichloromethane	9.433	83	28737	19.803	ug/l	96
48) Methyl methacrylate	9.225	41	7787	18.879	ug/l	99
49) 1,4-Dioxane	9.238	88	1825	374.309	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	40592	95.218	ug/l	99
52) Toluene	10.176	92	50060	19.986	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	24428	19.166	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	27417	19.625	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	12886	19.722	ug/l	94
56) Ethyl methacrylate	10.445	69	16830	19.607	ug/l	97
57) 1,3-Dichloropropane	10.725	76	20740	19.558	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.719	63	27533	91.985	ug/l	99
59) 2-Hexanone	10.768	43	27109	96.312	ug/l	100
60) Dibromochloromethane	10.920	129	20354	19.279	ug/l	99
61) 1,2-Dibromoethane	11.018	107	12098	19.678	ug/l	97
64) Tetrachloroethene	10.658	164	20307	20.357	ug/l	97
65) Chlorobenzene	11.451	112	56993	19.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	21420	19.338	ug/l	96
67) Ethyl Benzene	11.524	91	100148	20.042	ug/l	99
68) m/p-Xylenes	11.633	106	75856	39.796	ug/l	99
69) o-Xylene	11.963	106	37301	20.482	ug/l	96
70) Styrene	11.975	104	61946	20.262	ug/l	98
71) Bromoform	12.139	173	12354	19.400	ug/l #	96
73) Isopropylbenzene	12.261	105	104274	20.254	ug/l	100
74) N-amyl acetate	12.078	43	14154	19.346	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	13030	19.742	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	19407	33.108	ug/l #	100
77) Bromobenzene	12.536	156	23151	19.534	ug/l	98
78) n-propylbenzene	12.603	91	118053	20.458	ug/l	99
79) 2-Chlorotoluene	12.688	91	66234	20.135	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	86460	20.157	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	4620	19.322	ug/l	91
82) 4-Chlorotoluene	12.786	91	68187	20.057	ug/l	100
83) tert-Butylbenzene	13.005	119	81757	20.410	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	85025	20.370	ug/l	97
85) sec-Butylbenzene	13.182	105	110869	20.536	ug/l	99
86) p-Isopropyltoluene	13.298	119	97722	20.311	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	46587	20.113	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	46439	20.154	ug/l	98
89) n-Butylbenzene	13.627	91	82147	20.454	ug/l	99
90) Hexachloroethane	13.889	117	17856	19.517	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	40471	20.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2548	19.905	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	24098	19.089	ug/l	97
94) Hexachlorobutadiene	15.029	225	18082	19.654	ug/l	99
95) Naphthalene	15.151	128	38351	18.968	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	20167	19.187	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:03:55 2024
Response via : Initial Calibration

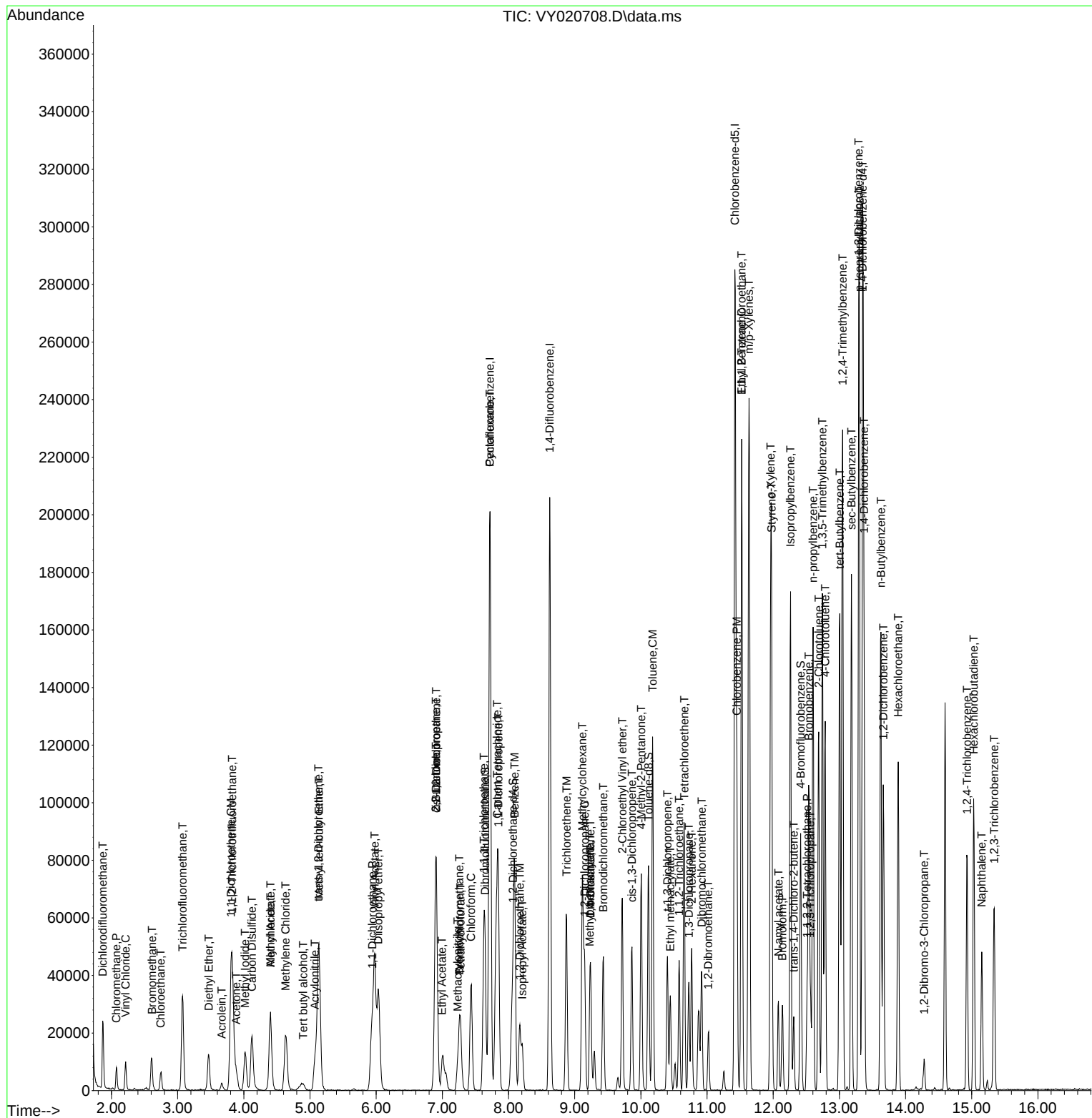
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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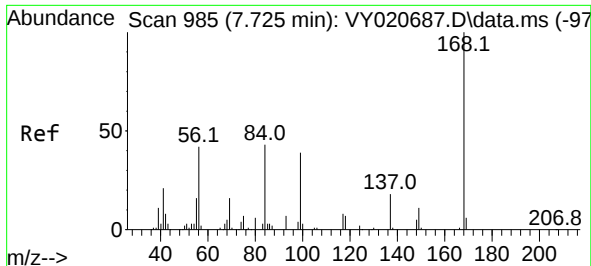
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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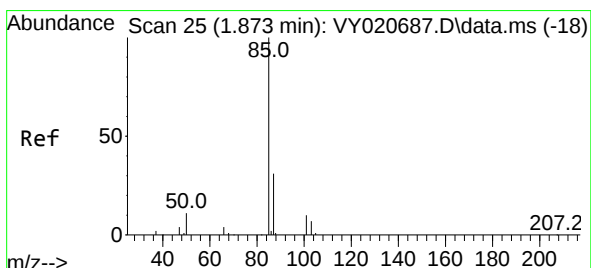
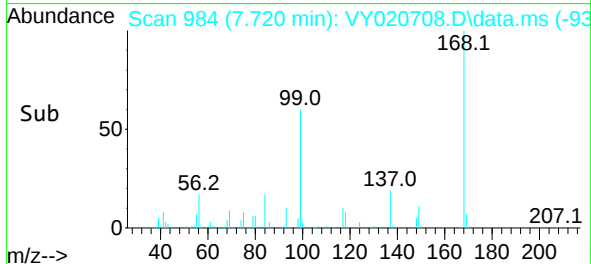
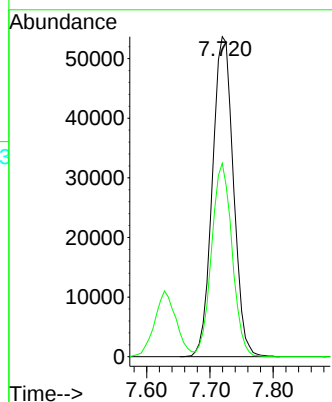
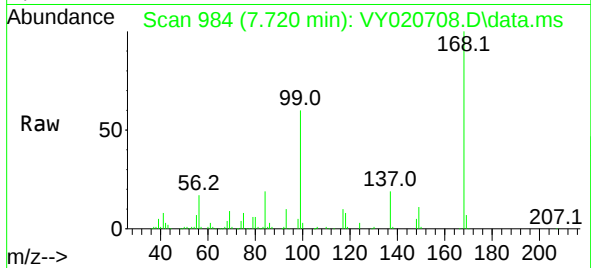




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. -0.005 min
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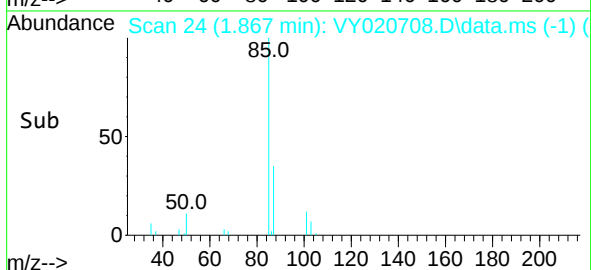
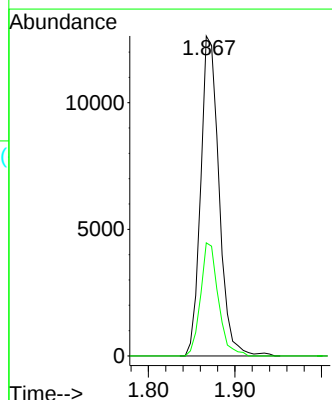
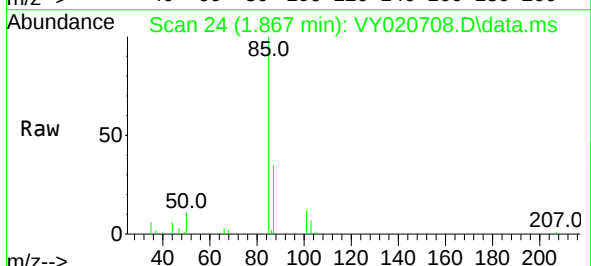
Instrument :
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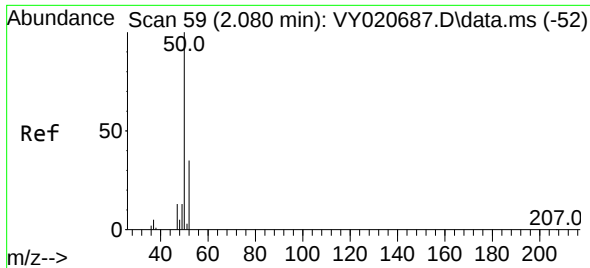
Tgt Ion:168 Resp: 124056
Ion Ratio Lower Upper
168 100
99 60.4 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 19.049 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 85 Resp: 18601
Ion Ratio Lower Upper
85 100
87 35.4 15.4 46.4

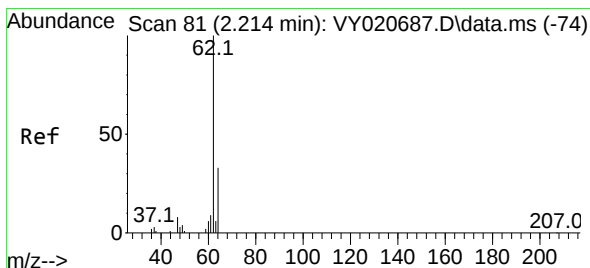
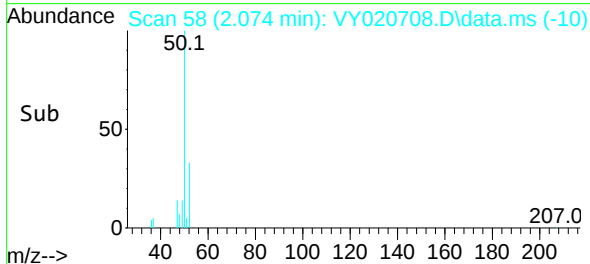
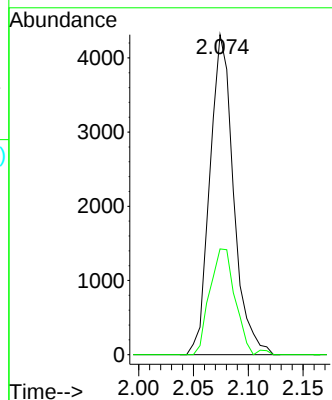
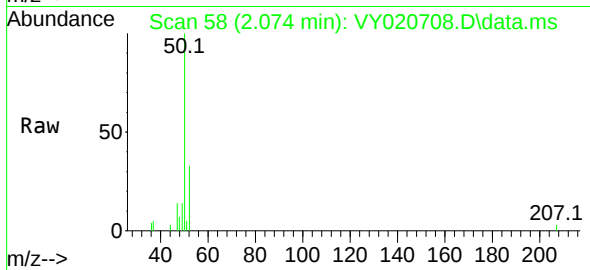




#3
Chloromethane
Concen: 17.813 ug/l
RT: 2.074 min Scan# 59
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

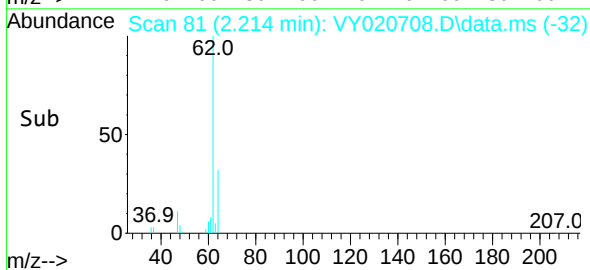
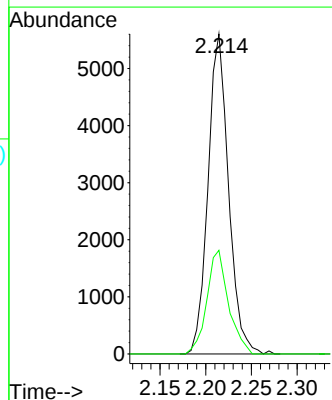
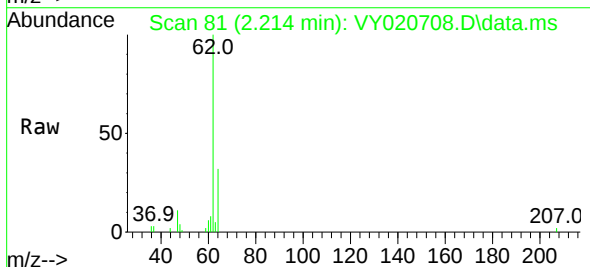
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ClientSampleId :
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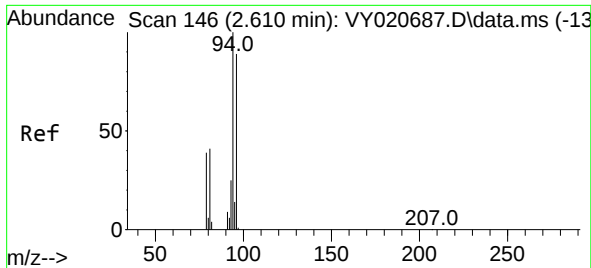
Tgt Ion: 50 Resp: 6487
Ion Ratio Lower Upper
50 100
52 33.0 28.2 42.2



#4
Vinyl Chloride
Concen: 19.375 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 62 Resp: 8742
Ion Ratio Lower Upper
62 100
64 32.4 26.6 40.0

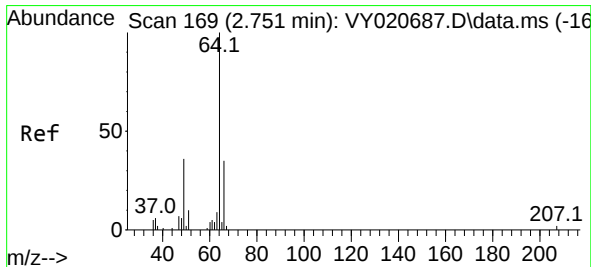
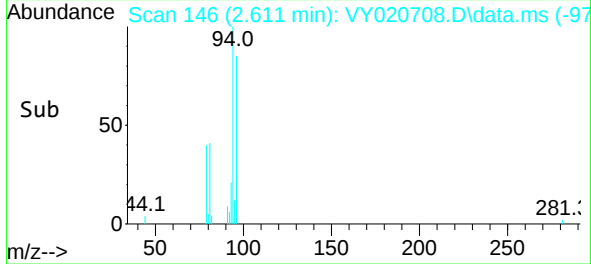
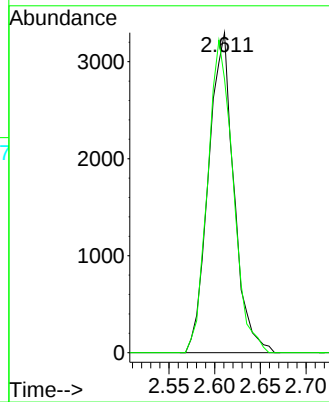
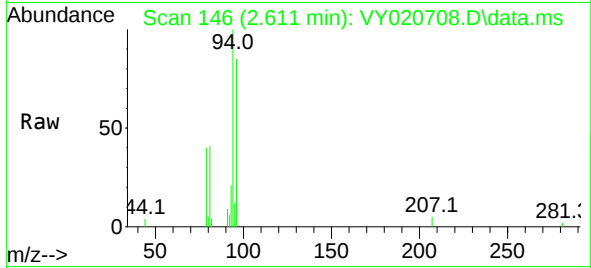




#5
Bromomethane
Concen: 18.699 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.001 min
Lab File: VY020708.D
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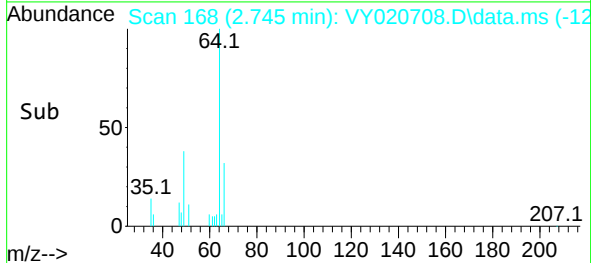
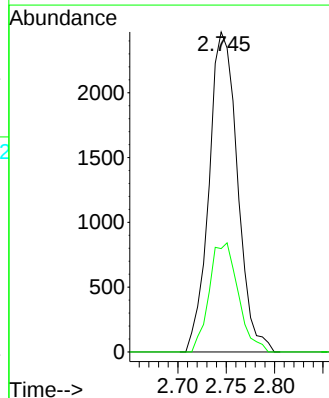
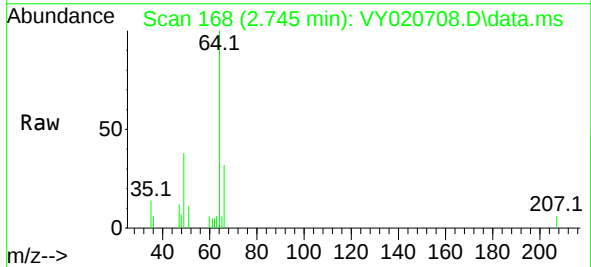
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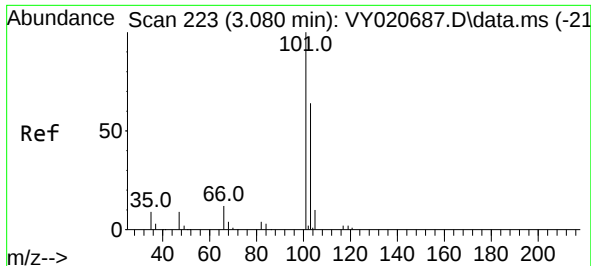
Tgt Ion: 94 Resp: 6370
Ion Ratio Lower Upper
94 100
96 85.5 71.0 106.6



#6
Chloroethane
Concen: 18.687 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 64 Resp: 5058
Ion Ratio Lower Upper
64 100
66 32.3 27.8 41.8

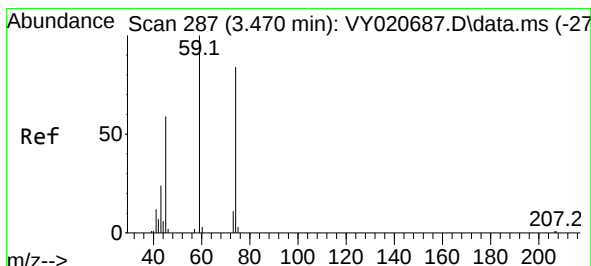
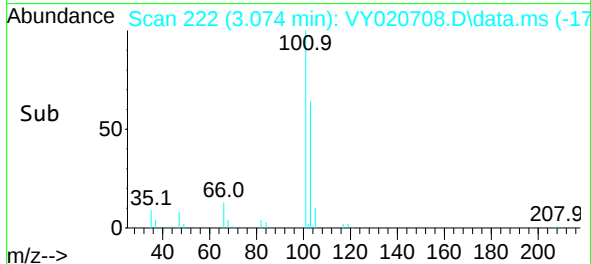
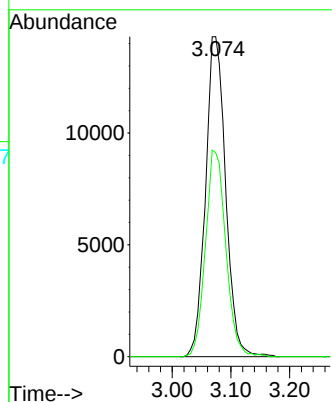
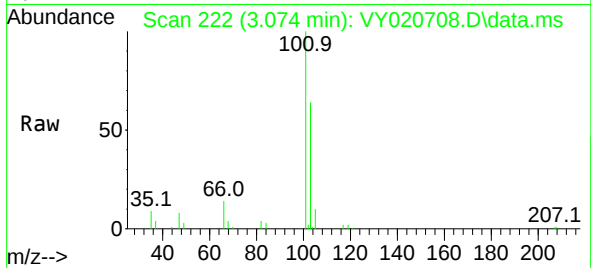




#7
Trichlorofluoromethane
Concen: 19.610 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

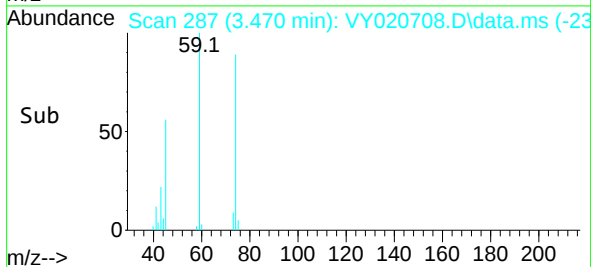
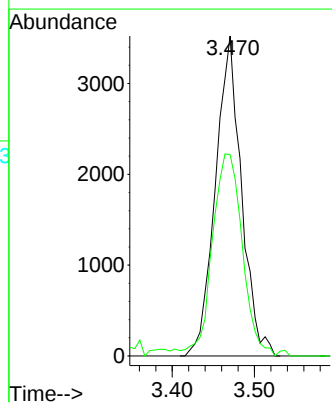
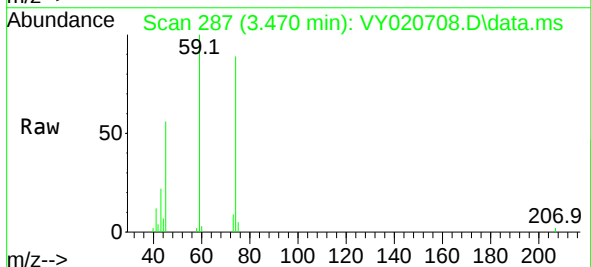
Instrument :
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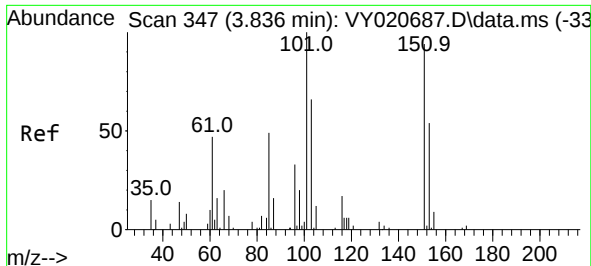
Tgt Ion:101 Resp: 34026
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0



#8
Diethyl Ether
Concen: 18.739 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.000 min
Lab File: VY020708.D
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Tgt Ion: 74 Resp: 7737
Ion Ratio Lower Upper
74 100
45 72.7 35.8 107.4

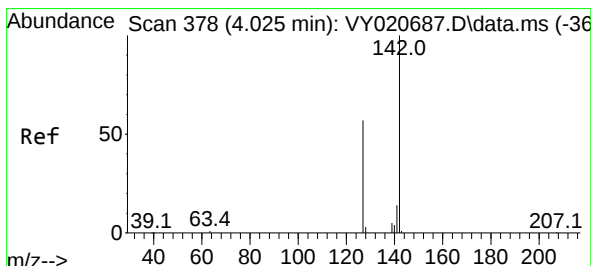
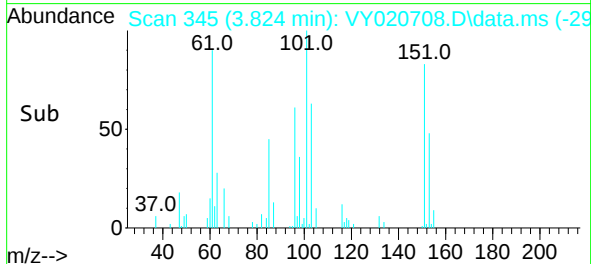
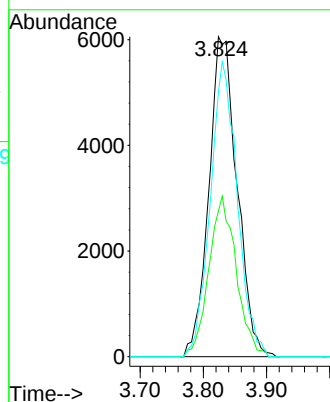
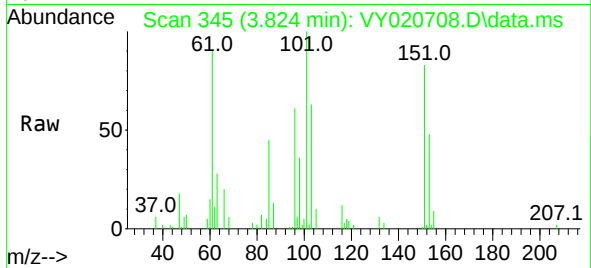




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.675 ug/l
RT: 3.824 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

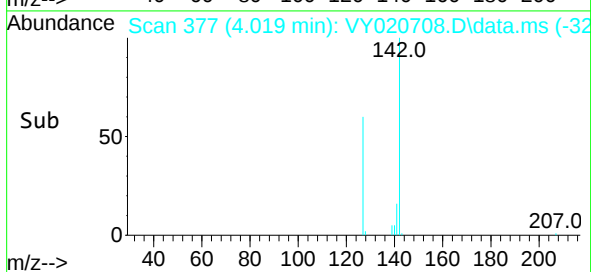
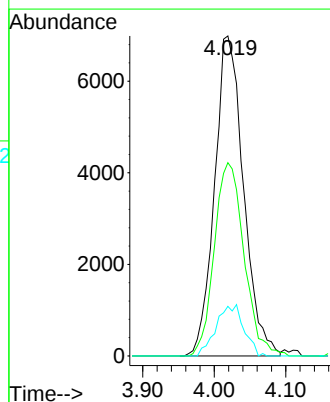
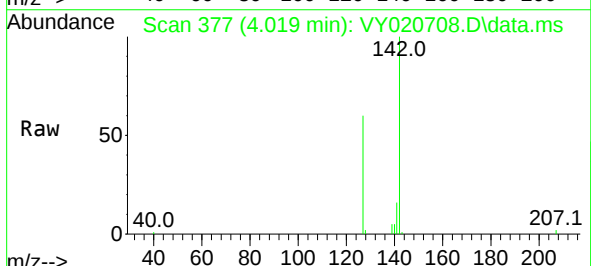
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

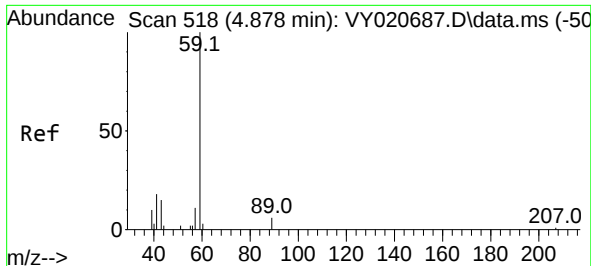
Tgt Ion:101 Resp: 18742
Ion Ratio Lower Upper
101 100
85 48.7 38.2 57.2
151 88.6 68.4 102.6



#10
Methyl Iodide
Concen: 18.866 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion:142 Resp: 19652
Ion Ratio Lower Upper
142 100
127 62.1 48.8 73.2
141 15.3 11.9 17.9

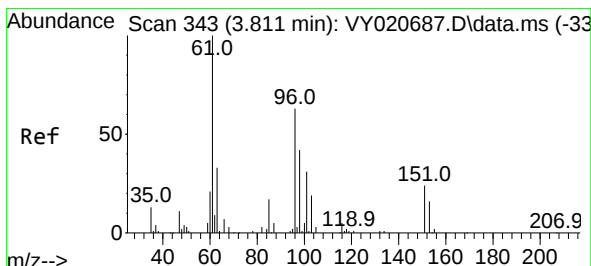
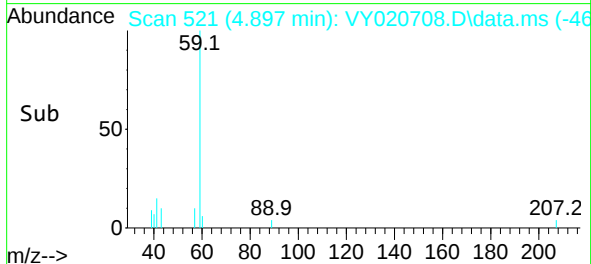
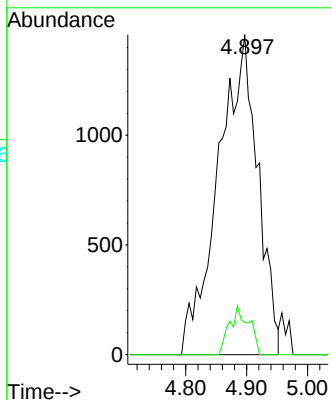
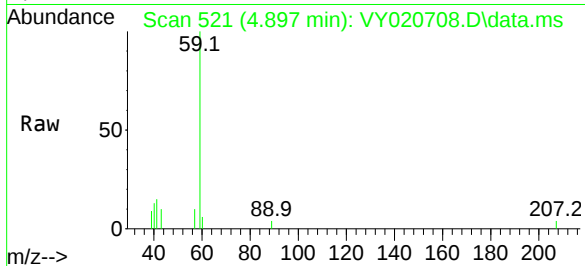




#11
Tert butyl alcohol
Concen: 90.235 ug/l
RT: 4.897 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

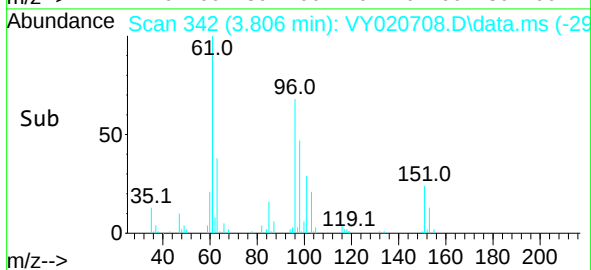
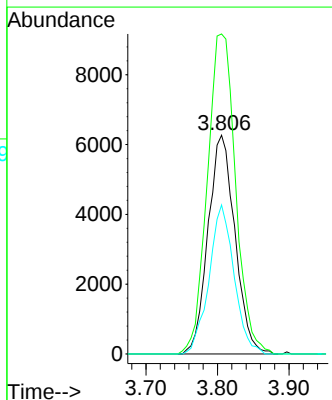
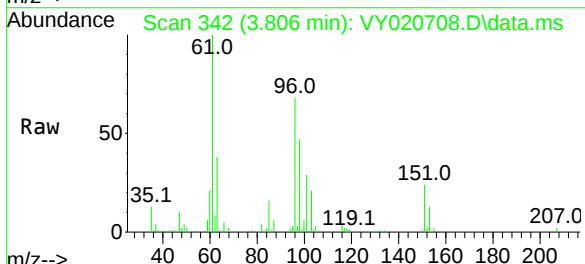
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

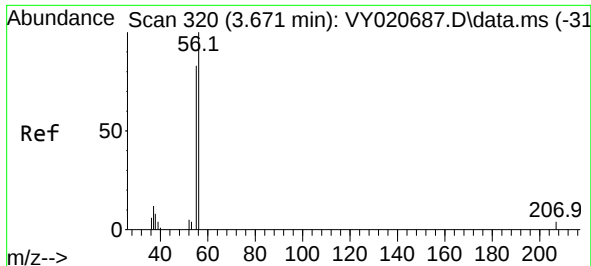
Tgt Ion: 59 Resp: 6567
Ion Ratio Lower Upper
59 100
57 7.5 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 19.312 ug/l
RT: 3.806 min Scan# 342
Delta R.T. -0.005 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 96 Resp: 16374
Ion Ratio Lower Upper
96 100
61 146.3 127.1 190.7
98 68.1 53.4 80.0

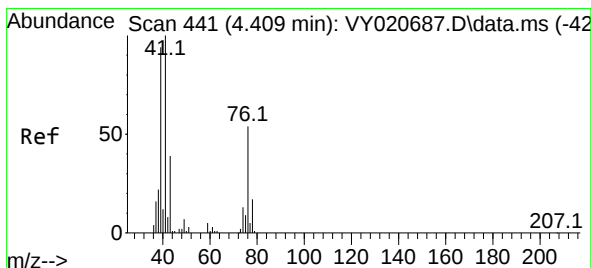
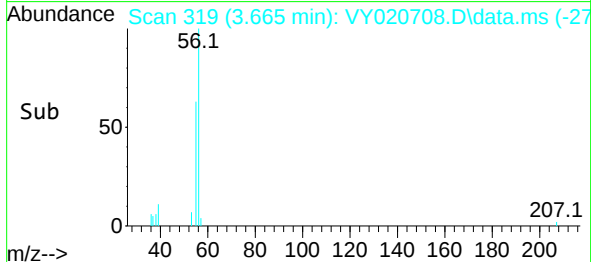
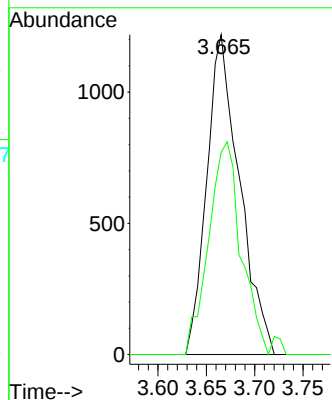
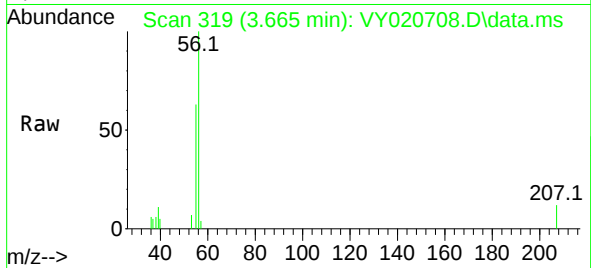




#13
Acrolein
Concen: 134.971 ug/l
RT: 3.665 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

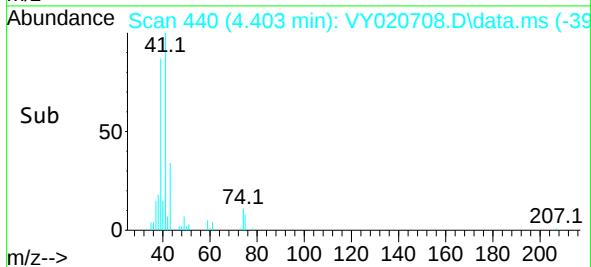
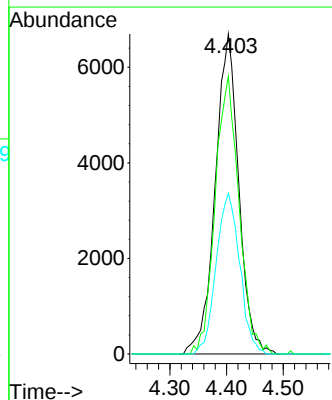
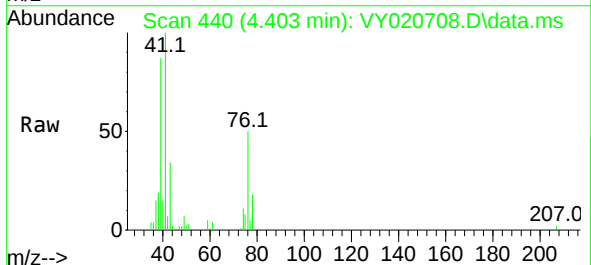
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

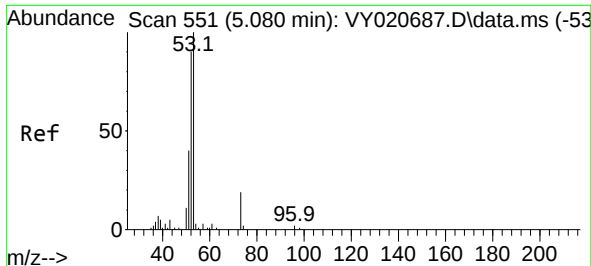
Tgt Ion: 56 Resp: 2867
Ion Ratio Lower Upper
56 100
55 66.0 57.0 85.4



#14
Allyl chloride
Concen: 19.468 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 41 Resp: 19316
Ion Ratio Lower Upper
41 100
39 87.9 73.5 110.3
76 50.2 41.8 62.8

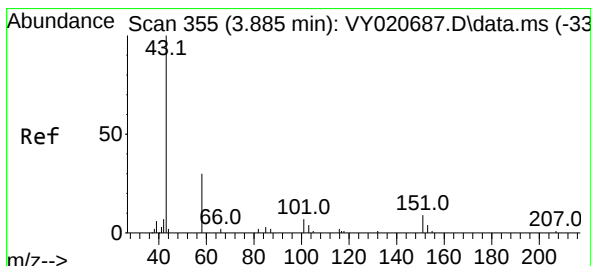
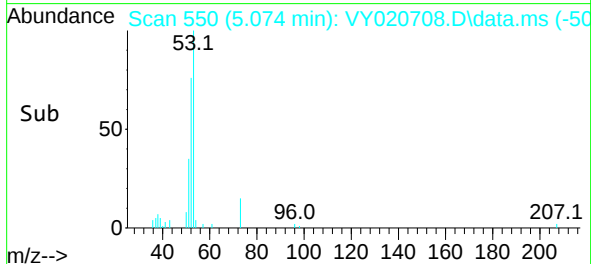
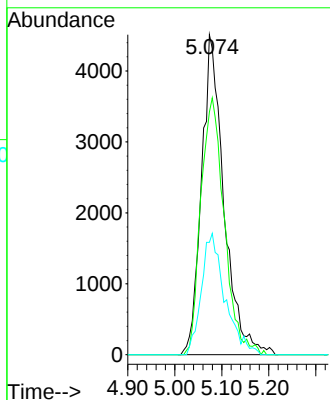
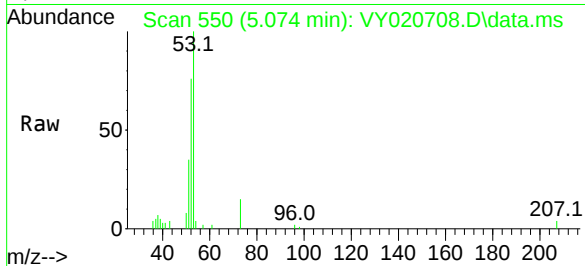




#15
Acrylonitrile
Concen: 93.535 ug/l
RT: 5.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

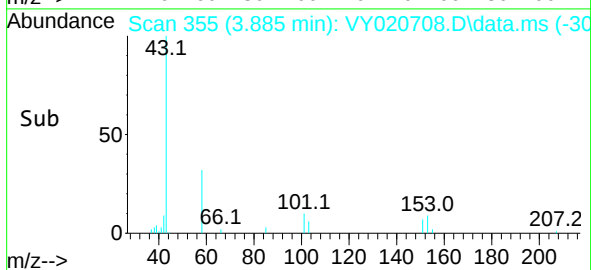
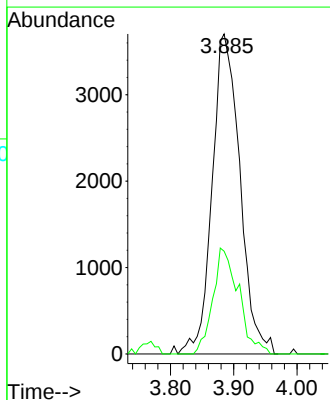
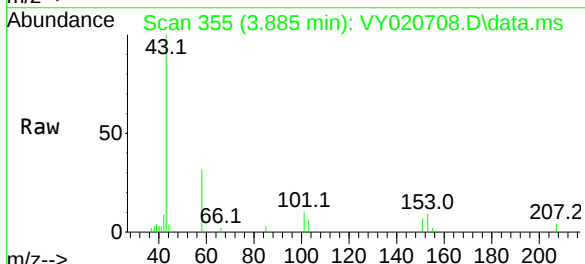
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

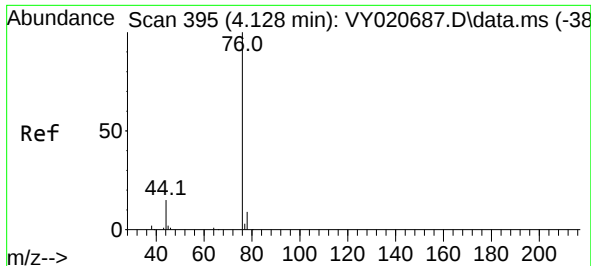
Tgt Ion: 53 Resp: 14919
Ion Ratio Lower Upper
53 100
52 84.2 67.1 100.7
51 39.9 31.4 47.0



#16
Acetone
Concen: 87.443 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

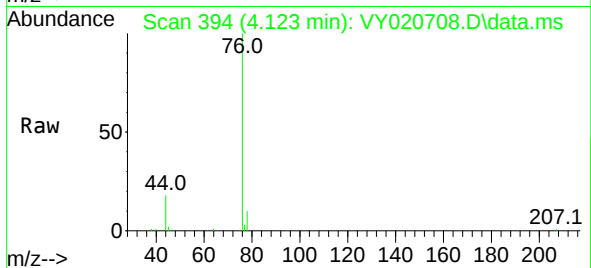
Tgt Ion: 43 Resp: 11272
Ion Ratio Lower Upper
43 100
58 32.1 25.0 37.6



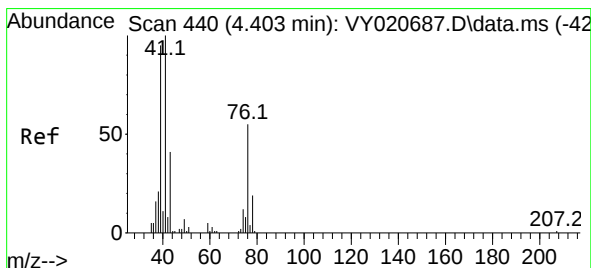
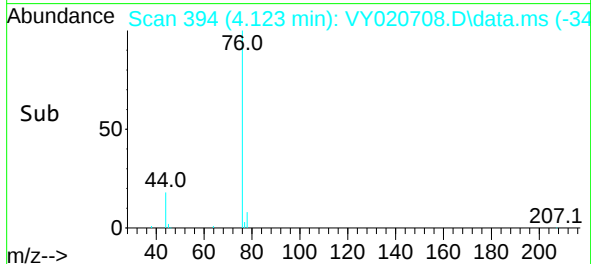
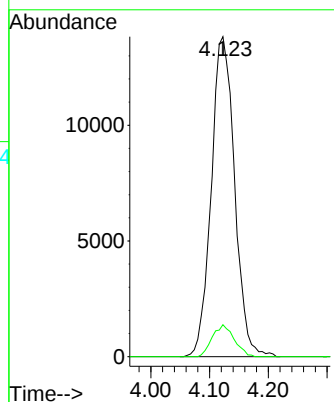


#17
Carbon Disulfide
Concen: 18.338 ug/l
RT: 4.123 min Scan# 394
Delta R.T. -0.005 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

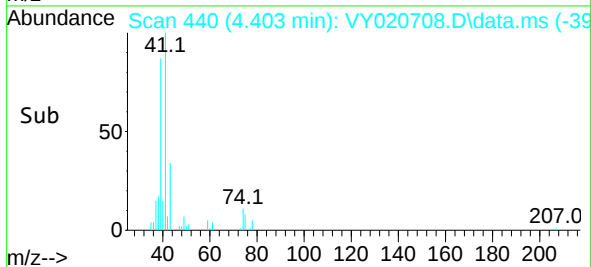
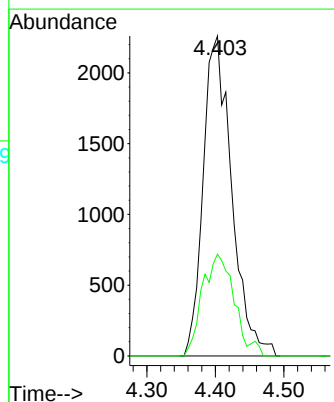
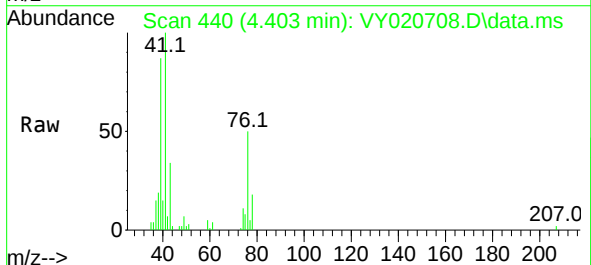


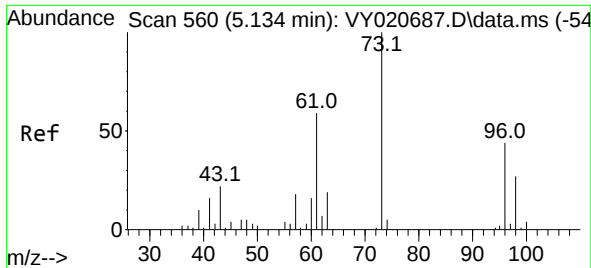
Tgt Ion: 76 Resp: 38140
Ion Ratio Lower Upper
76 100
78 10.0 6.9 10.3



#18
Methyl Acetate
Concen: 18.708 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 43 Resp: 6527
Ion Ratio Lower Upper
43 100
74 35.6 25.3 37.9

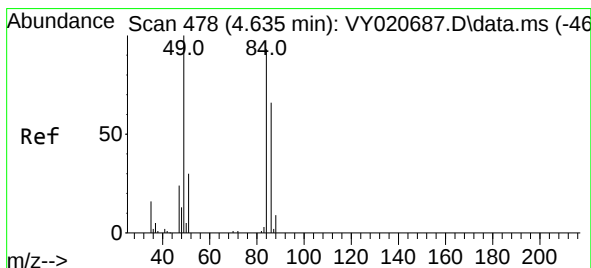
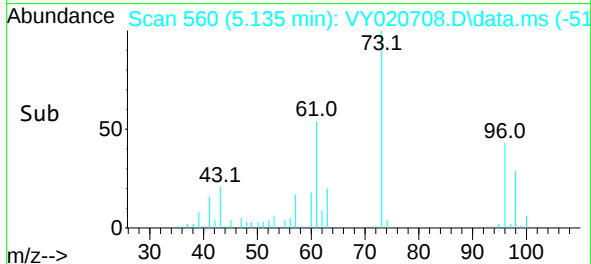
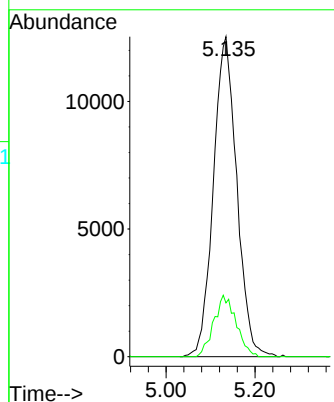
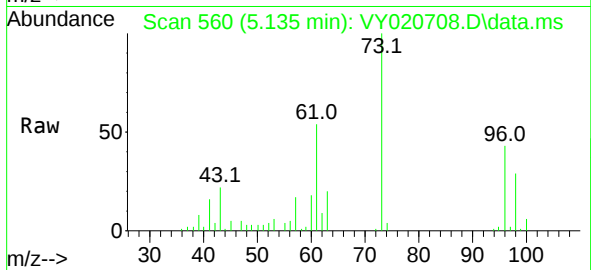




#19
Methyl tert-butyl Ether
Concen: 19.355 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

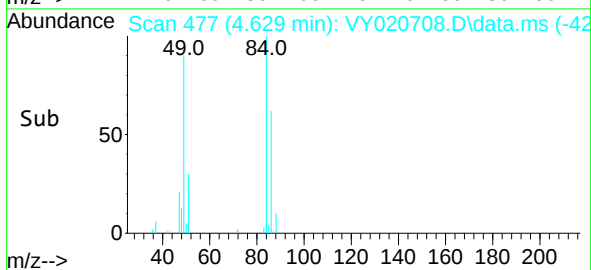
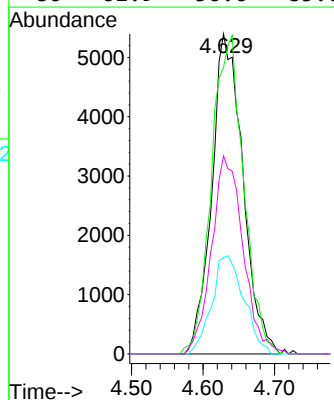
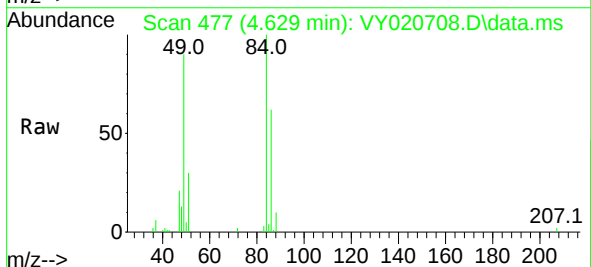
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

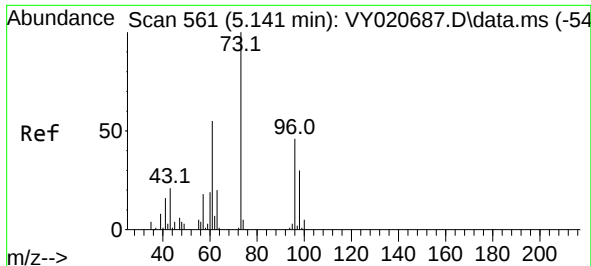
Tgt Ion: 73 Resp: 45739
Ion Ratio Lower Upper
73 100
57 16.8 14.4 21.6



#20
Methylene Chloride
Concen: 19.426 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 84 Resp: 16287
Ion Ratio Lower Upper
84 100
49 89.6 86.4 129.6
51 30.1 25.5 38.3
86 61.9 56.6 85.0

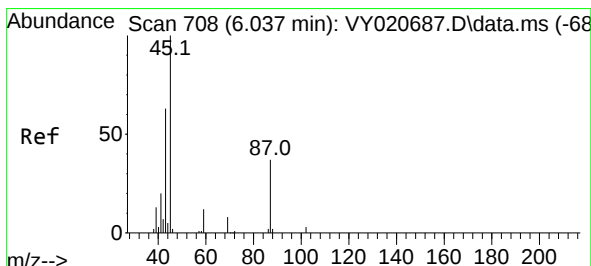
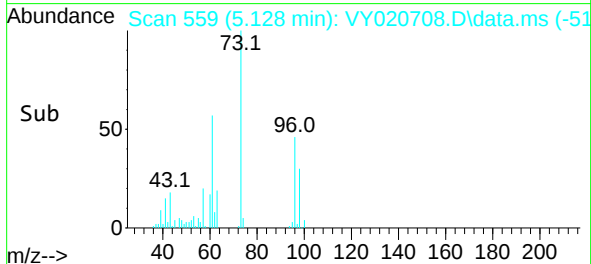
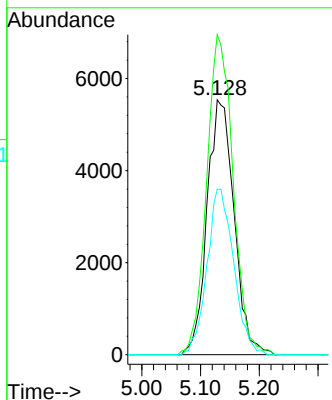
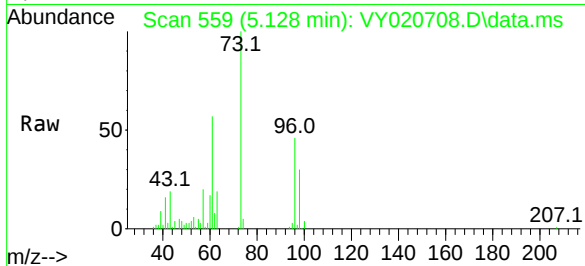




#21
trans-1,2-Dichloroethene
Concen: 19.342 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

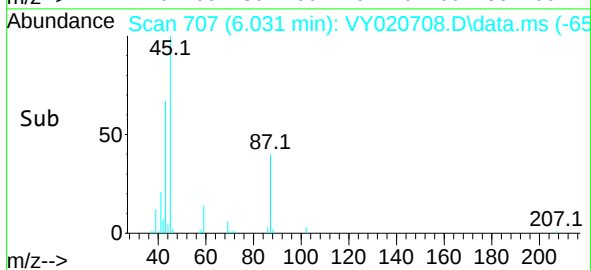
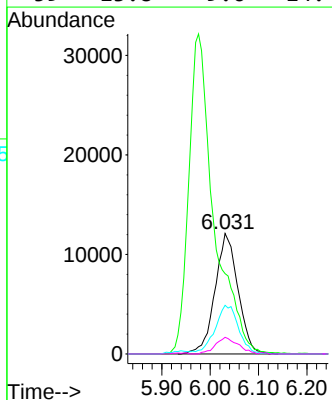
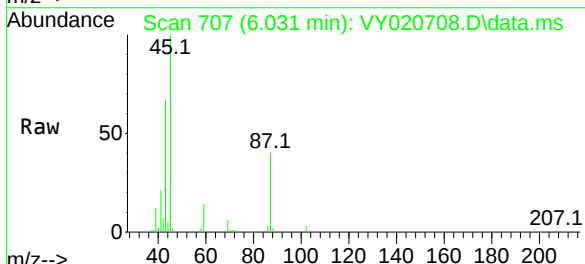
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

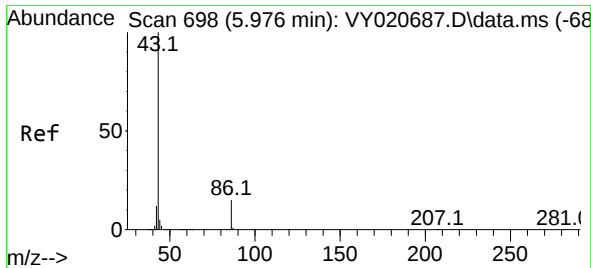
Tgt Ion: 96 Resp: 17672
Ion Ratio Lower Upper
96 100
61 125.5 96.1 144.1
98 64.9 52.7 79.1



#22
Diisopropyl ether
Concen: 19.778 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 45 Resp: 39891
Ion Ratio Lower Upper
45 100
43 65.8 51.3 76.9
87 40.5 30.6 46.0
59 13.8 9.6 14.4

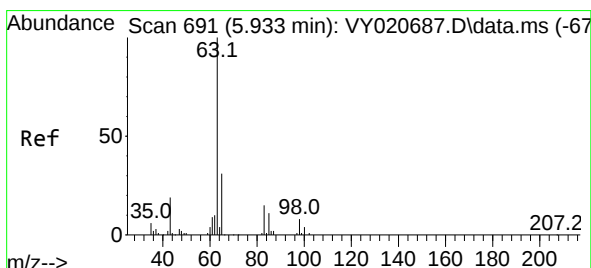
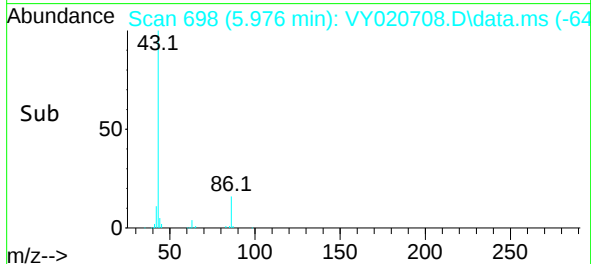
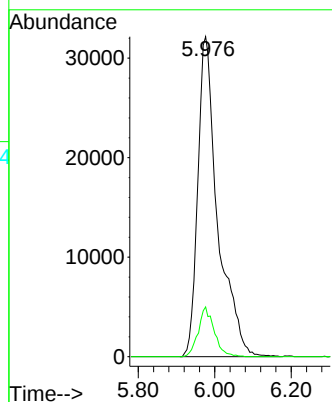
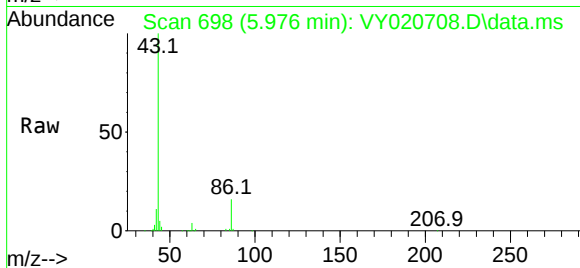




#23
 Vinyl Acetate
 Concen: 96.512 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY020708.D
 Acq: 26 Dec 2024 10:16

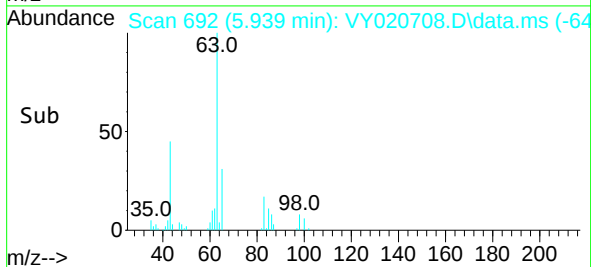
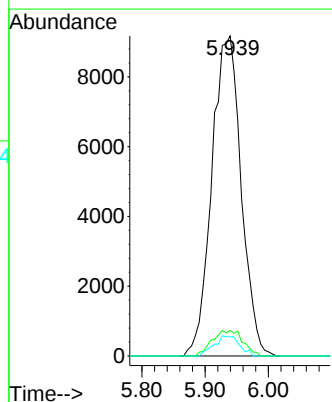
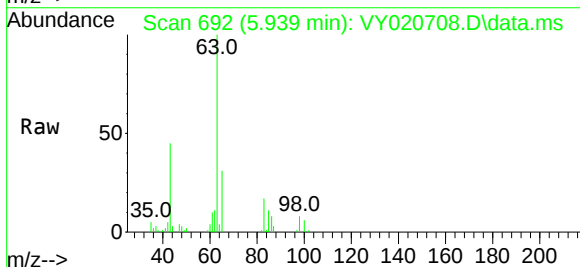
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

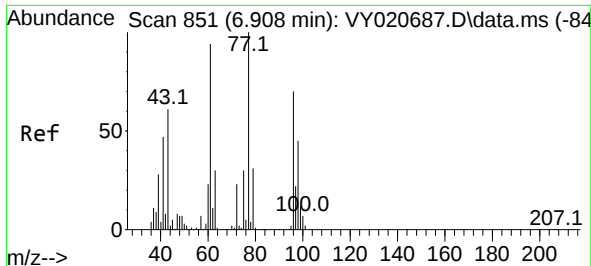
Tgt Ion: 43 Resp: 116269
 Ion Ratio Lower Upper
 43 100
 86 15.5 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 19.545 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY020708.D
 Acq: 26 Dec 2024 10:16

Tgt Ion: 63 Resp: 29556
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 6.0 2.1 6.2





#25

2-Butanone

Concen: 93.814 ug/l

RT: 6.903 min Scan# 81

Delta R.T. -0.005 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

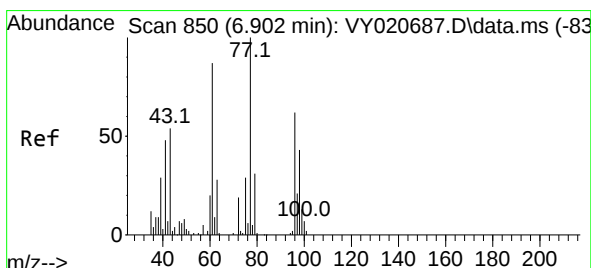
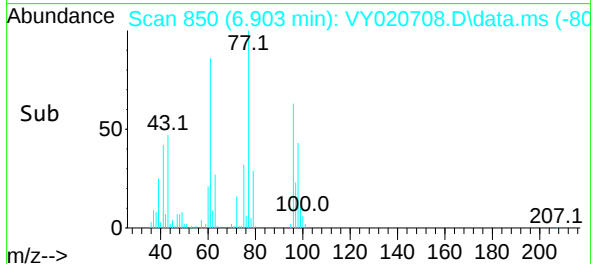
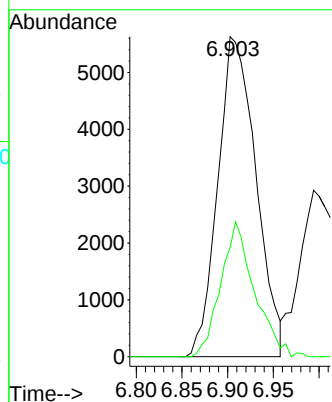
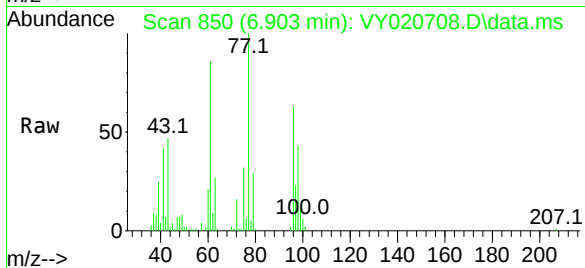
VSTDICC020

Tgt Ion: 43 Resp: 16336

Ion Ratio Lower Upper

43 100

72 34.2 29.5 44.3



#26

2,2-Dichloropropane

Concen: 19.368 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.001 min

Lab File: VY020708.D

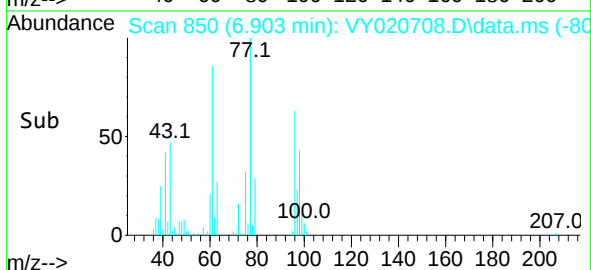
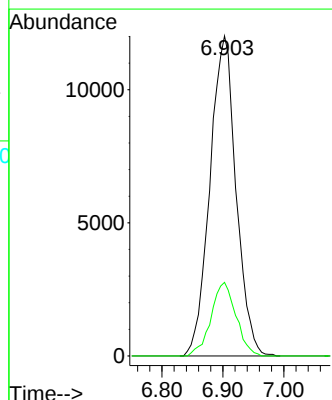
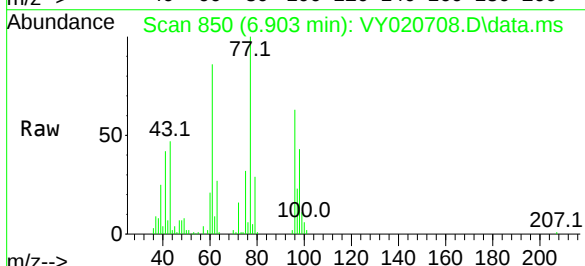
Acq: 26 Dec 2024 10:16

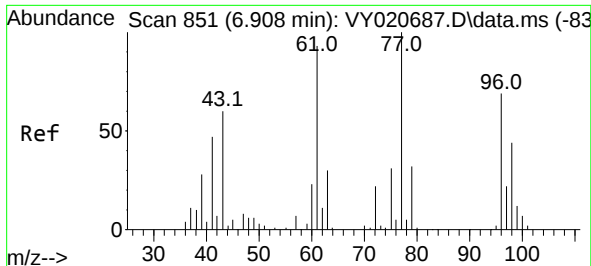
Tgt Ion: 77 Resp: 35847

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 19.320 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.001 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

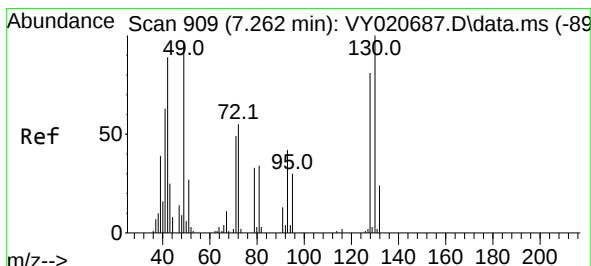
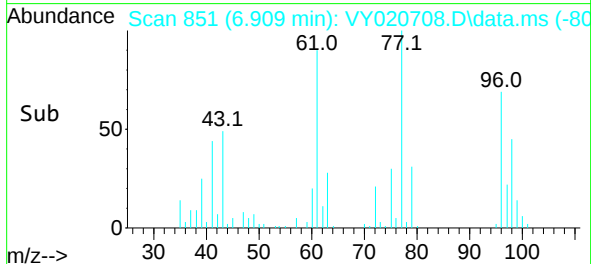
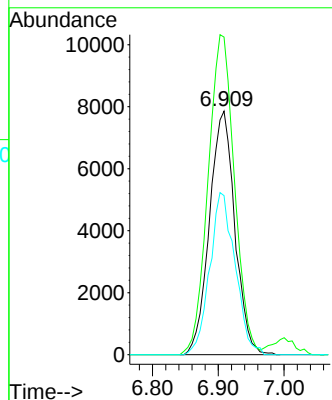
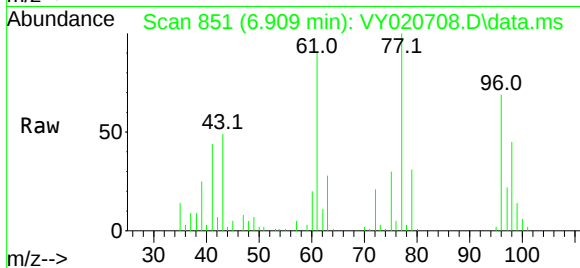
Tgt Ion: 96 Resp: 21139

Ion Ratio Lower Upper

96 100

61 136.1 0.0 277.2

98 66.5 0.0 131.0



#28

Bromochloromethane

Concen: 15.974 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

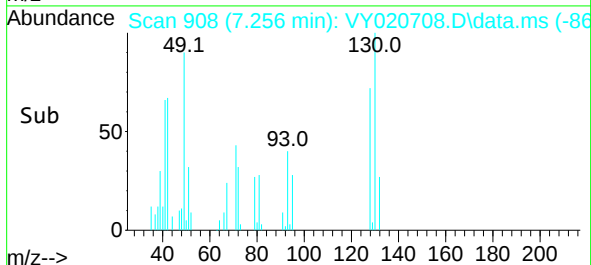
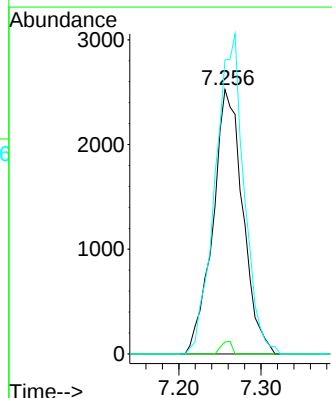
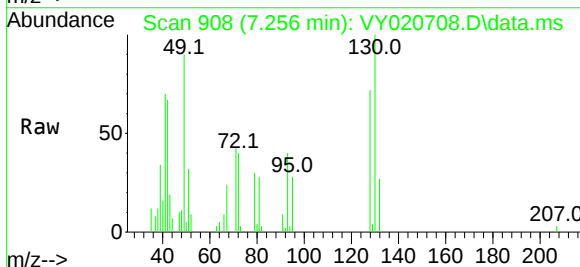
Tgt Ion: 49 Resp: 6388

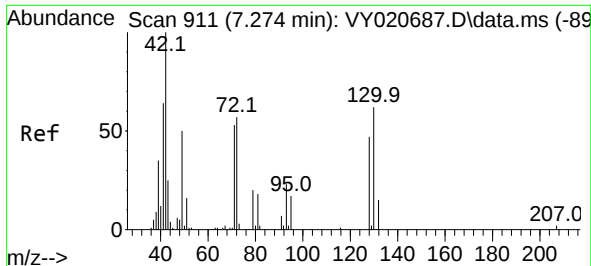
Ion Ratio Lower Upper

49 100

129 1.7 0.0 5.4

130 116.7 87.2 130.8





#29

Tetrahydrofuran

Concen: 92.698 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

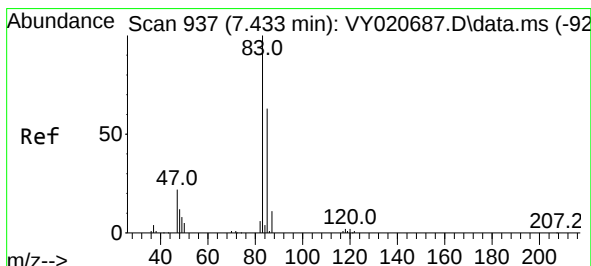
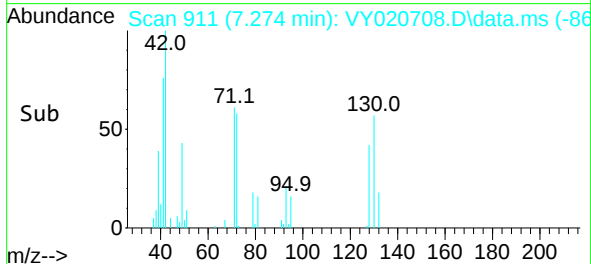
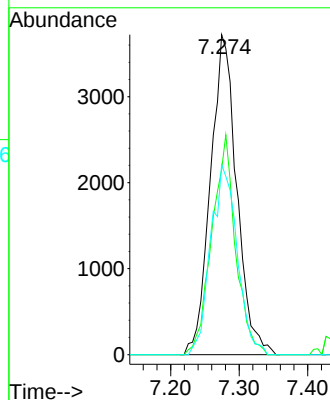
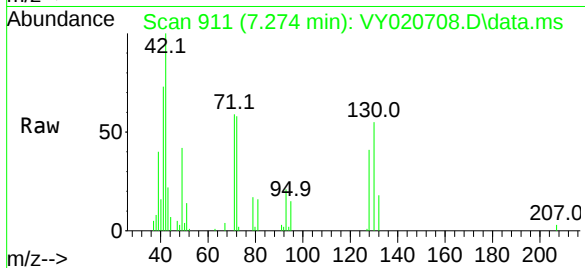
Tgt Ion: 42 Resp: 9908

Ion Ratio Lower Upper

42 100

72 62.0 47.4 71.0

71 59.8 42.8 64.2



#30

Chloroform

Concen: 19.200 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.000 min

Lab File: VY020708.D

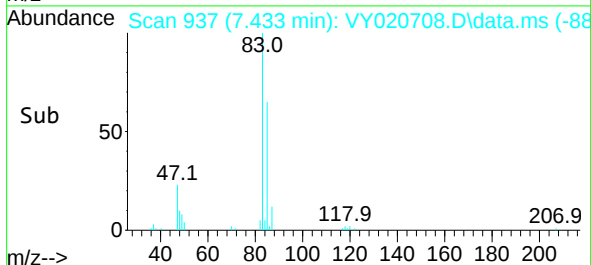
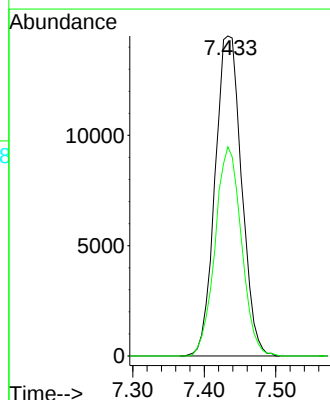
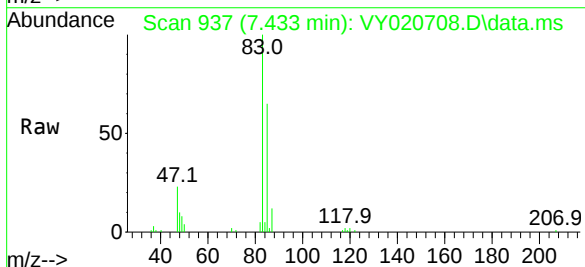
Acq: 26 Dec 2024 10:16

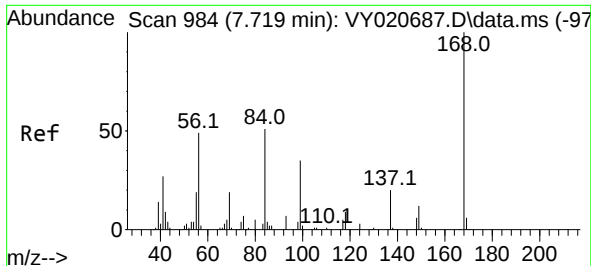
Tgt Ion: 83 Resp: 37350

Ion Ratio Lower Upper

83 100

85 65.4 50.2 75.2

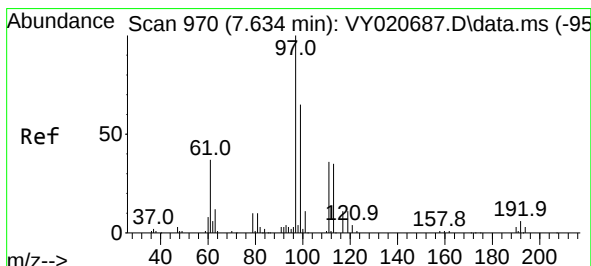
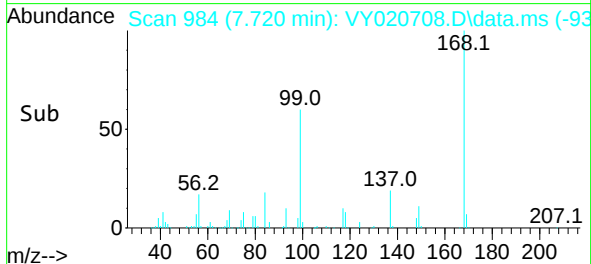
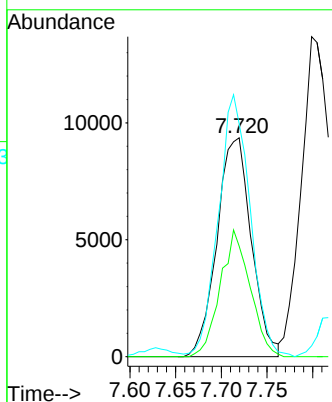
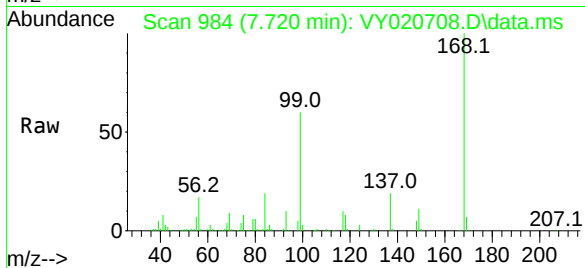




#31
Cyclohexane
Concen: 18.736 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

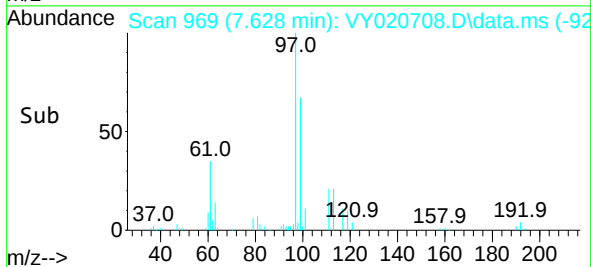
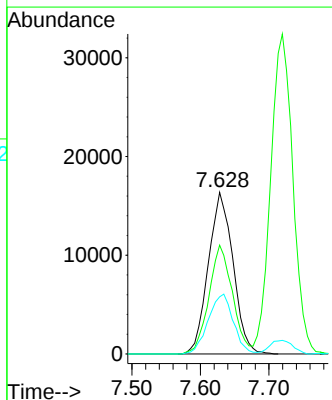
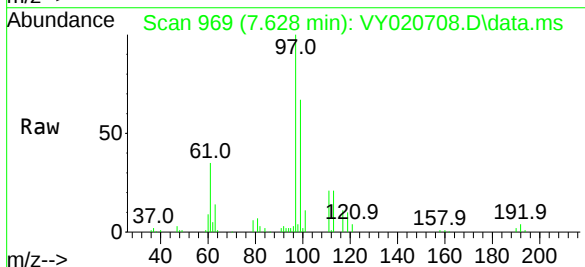
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

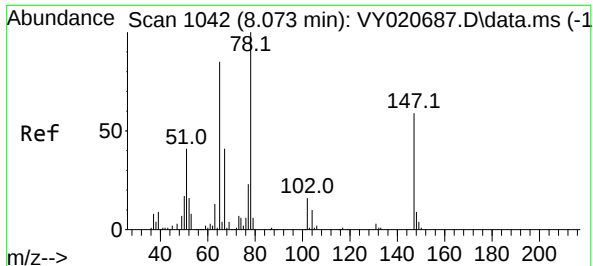
Tgt Ion: 56 Resp: 24456
Ion Ratio Lower Upper
56 100
69 50.5 31.3 46.9#
84 104.8 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 19.656 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 97 Resp: 40987
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 37.6 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 15.300 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

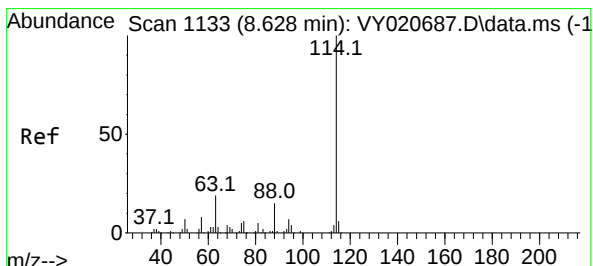
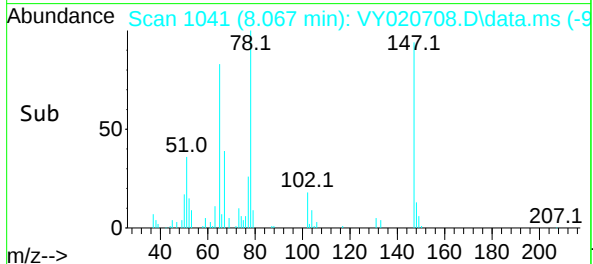
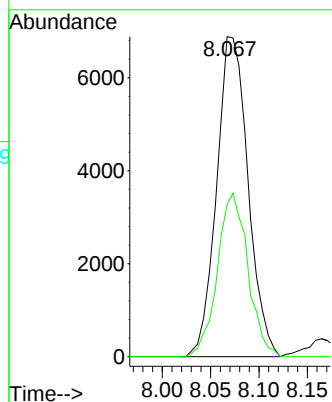
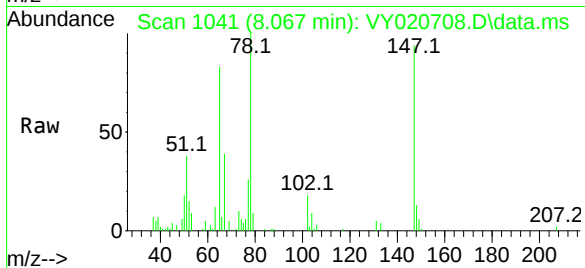
VSTDICC020

Tgt Ion: 65 Resp: 15547

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

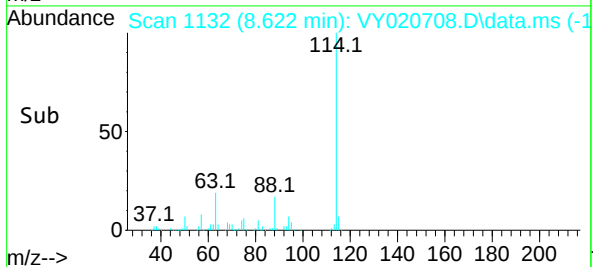
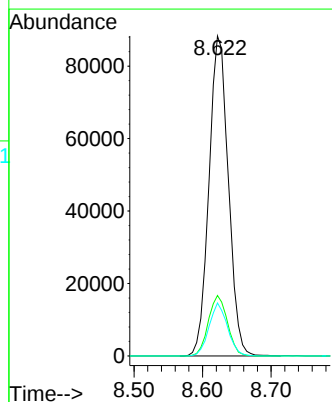
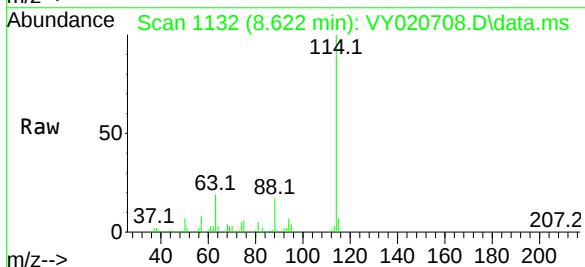
Tgt Ion: 114 Resp: 173311

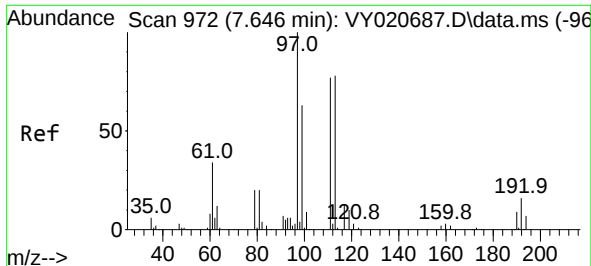
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 16.6 0.0 30.4

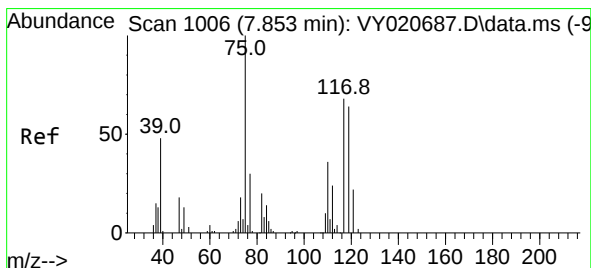
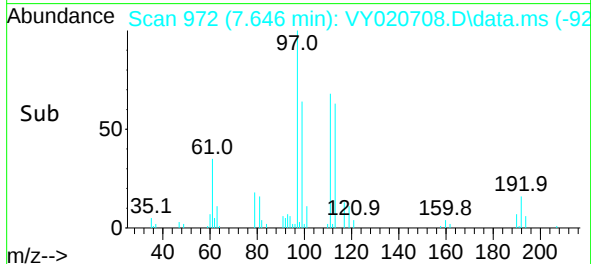
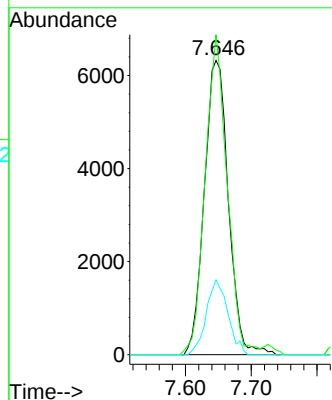
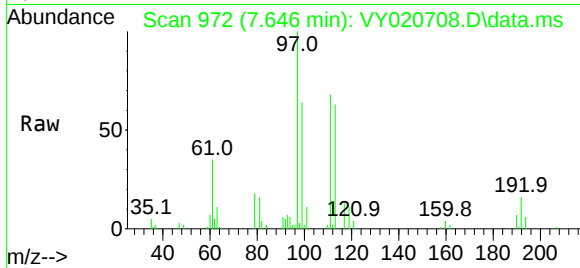




#35
Dibromofluoromethane
Concen: 16.876 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

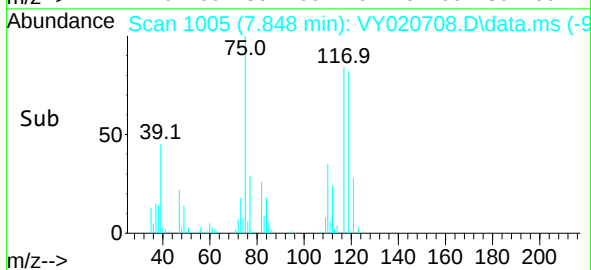
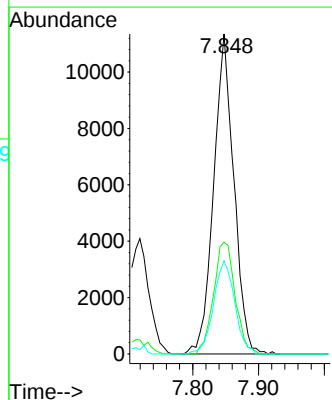
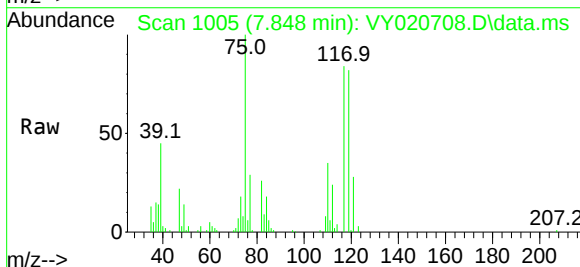
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

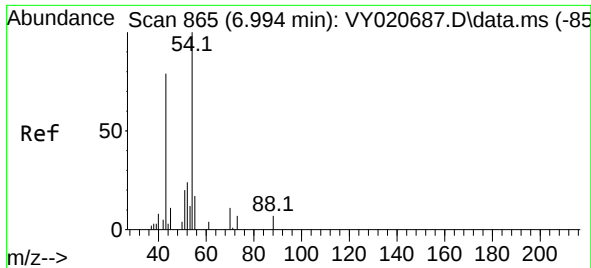
Tgt Ion:113 Resp: 16110
Ion Ratio Lower Upper
113 100
111 99.4 79.8 119.8
192 22.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 19.240 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. -0.005 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 75 Resp: 24262
Ion Ratio Lower Upper
75 100
110 37.3 19.6 58.7
77 30.6 25.1 37.7

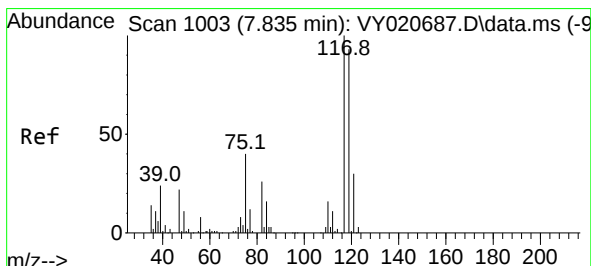
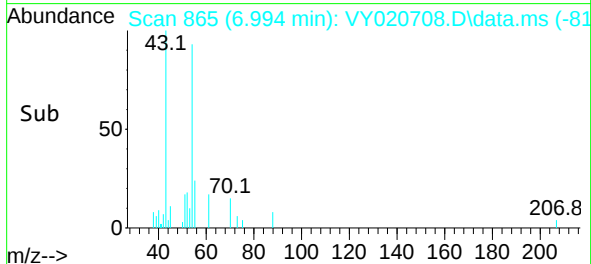
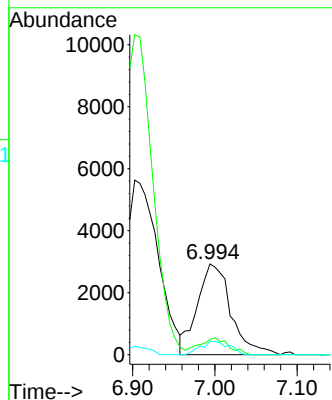
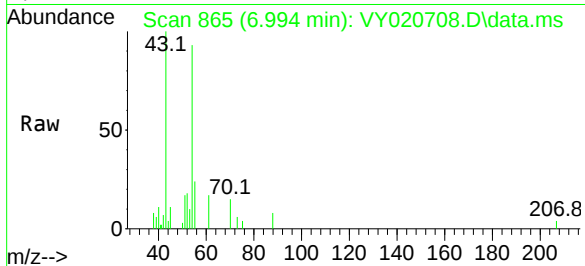




#37
Ethyl Acetate
Concen: 19.972 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

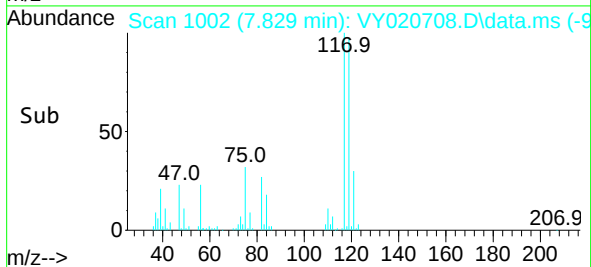
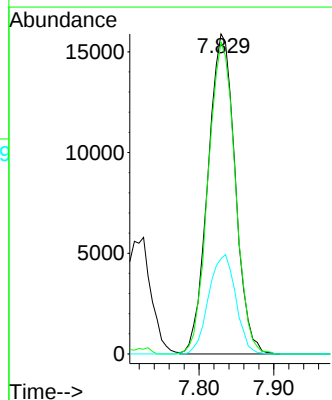
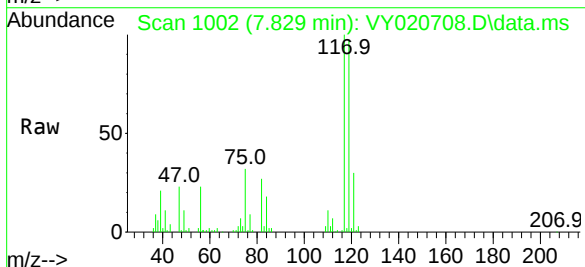
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

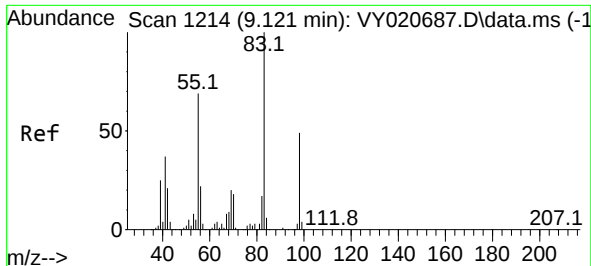
Tgt Ion:	43	Resp:	8299
Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.7	17.5
70	12.5	11.0	16.4



#38
Carbon Tetrachloride
Concen: 19.409 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion:	117	Resp:	40302
Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.4	111.6
121	29.8	24.2	36.2

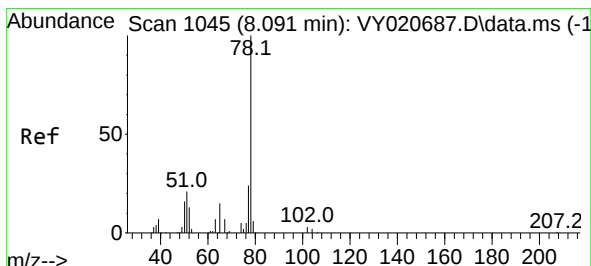
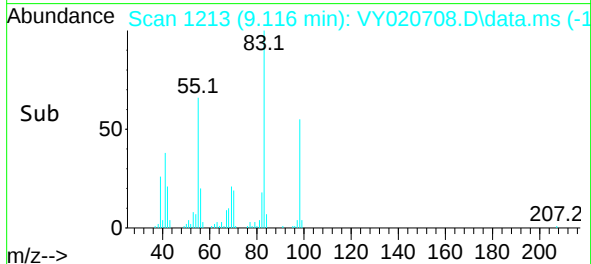
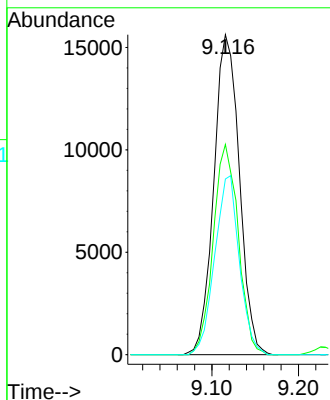
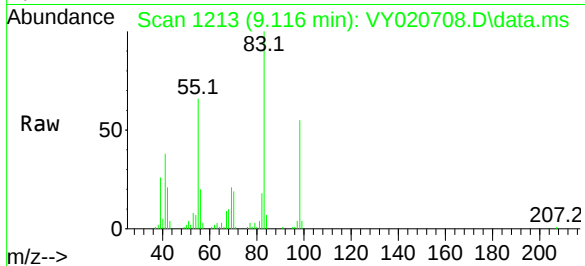




#39
Methylcyclohexane
Concen: 19.803 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

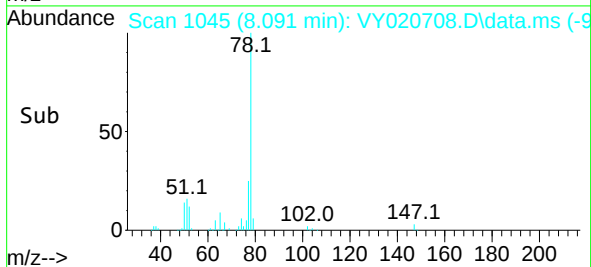
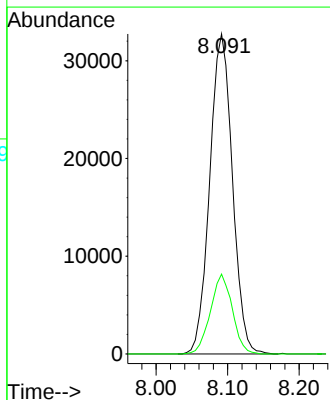
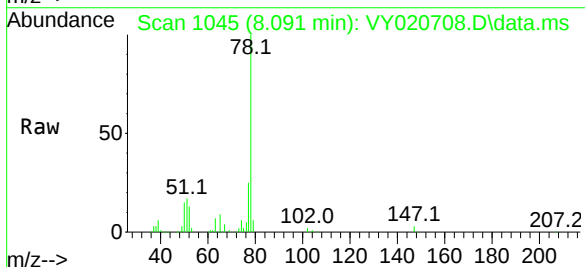
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

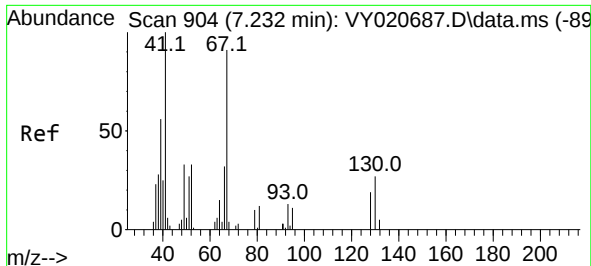
Tgt Ion: 83 Resp: 32007
Ion Ratio Lower Upper
83 100
55 65.7 55.0 82.4
98 54.9 39.0 58.6



#40
Benzene
Concen: 19.731 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 78 Resp: 72108
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8

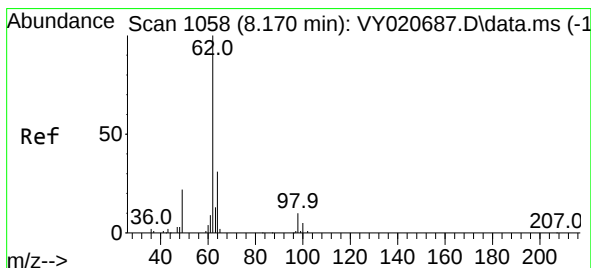
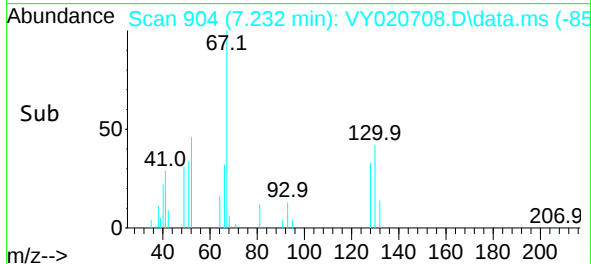
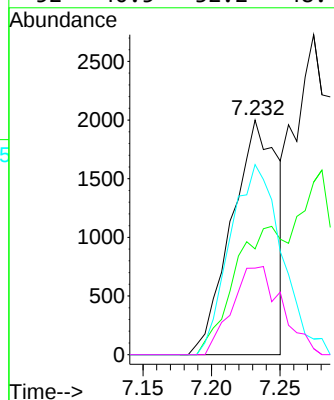
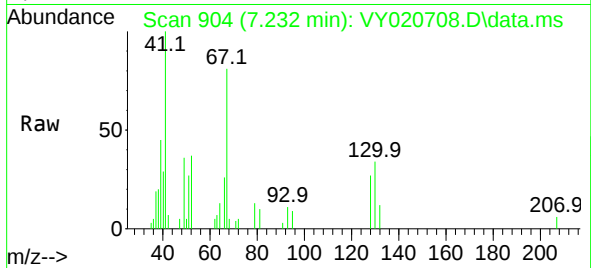




#41
Methacrylonitrile
Concen: 22.206 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

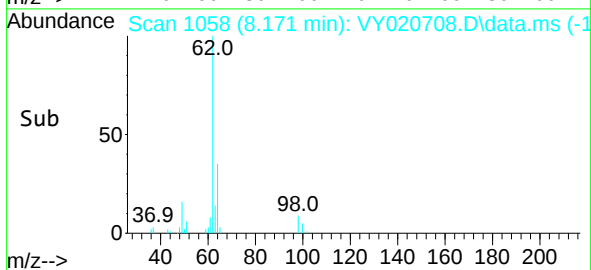
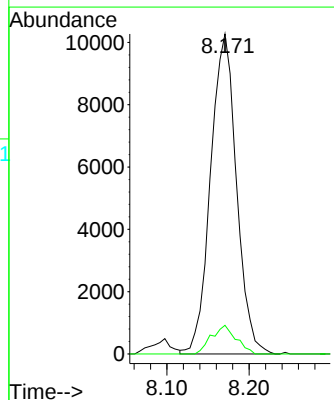
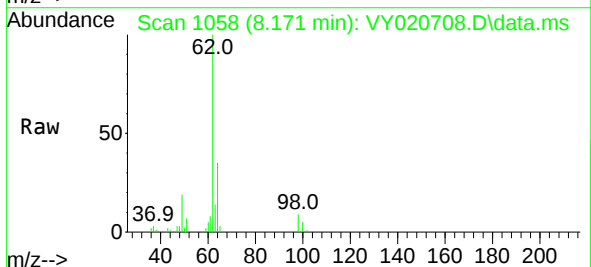
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

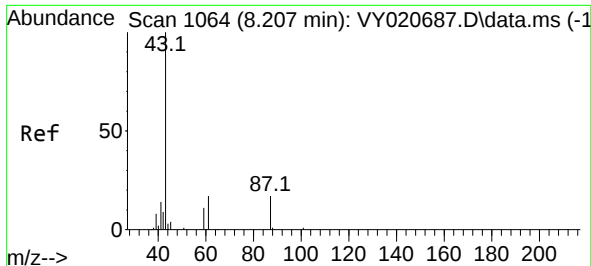
Tgt Ion:	41	Resp:	4661
Ion	Ratio	Lower	Upper
41	100		
39	62.7	46.6	70.0
67	92.0	74.7	112.1
52	40.5	32.2	48.4



#42
1,2-Dichloroethane
Concen: 19.227 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion:	62	Resp:	22531
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6

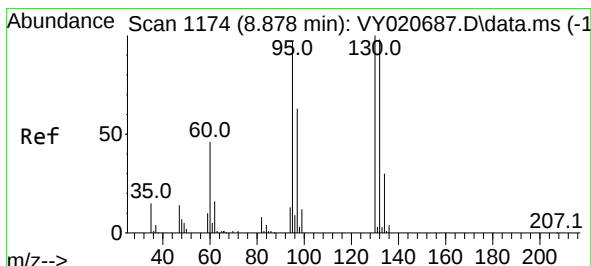
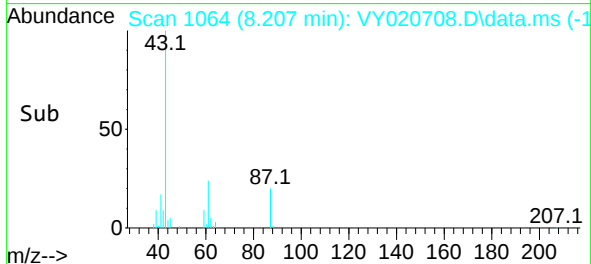
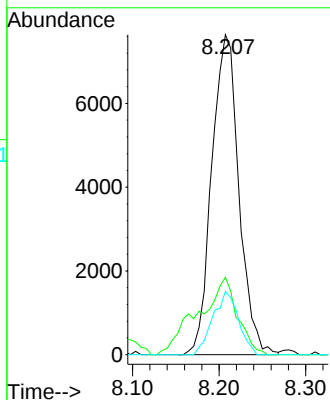
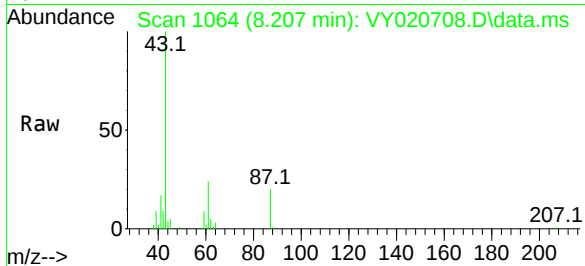




#43
Isopropyl Acetate
Concen: 18.834 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

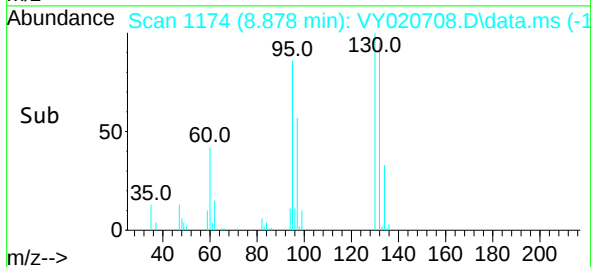
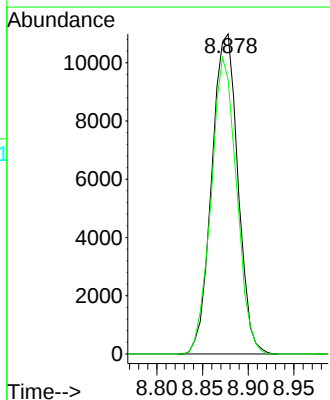
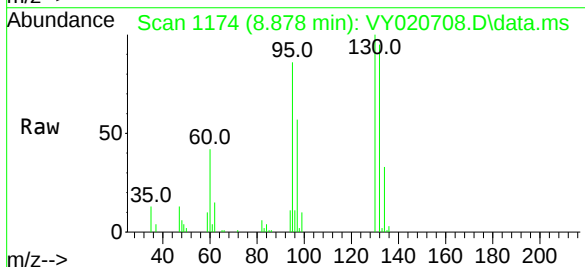
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

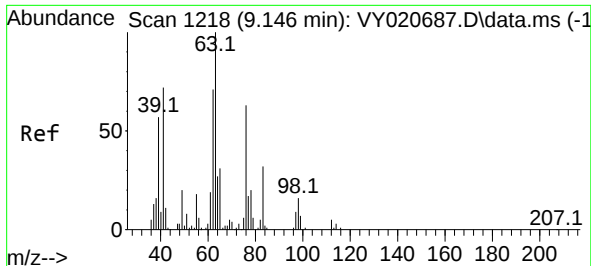
Tgt Ion: 43 Resp: 16635
Ion Ratio Lower Upper
43 100
61 34.9 27.0 40.4
87 18.6 14.2 21.4



#44
Trichloroethene
Concen: 20.026 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 130 Resp: 21859
Ion Ratio Lower Upper
130 100
95 85.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.256 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

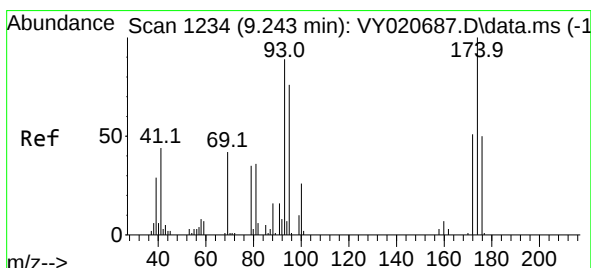
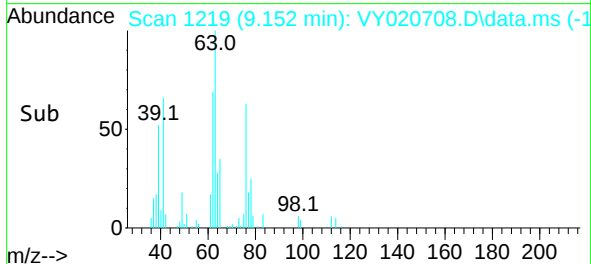
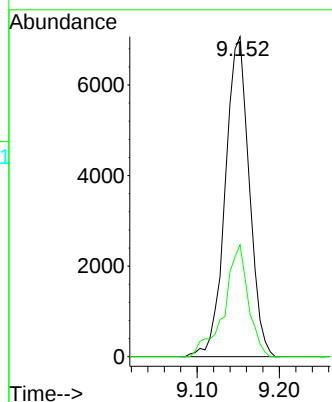
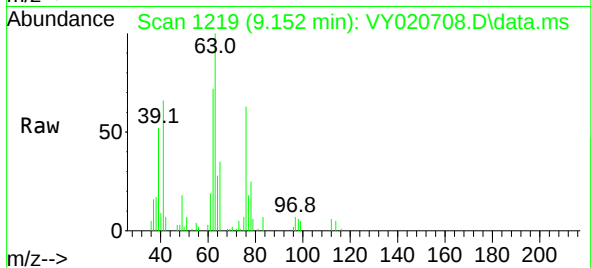
VSTDICC020

Tgt Ion: 63 Resp: 14245

Ion Ratio Lower Upper

63 100

65 35.0 24.6 36.8



#46

Dibromomethane

Concen: 18.988 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.005 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

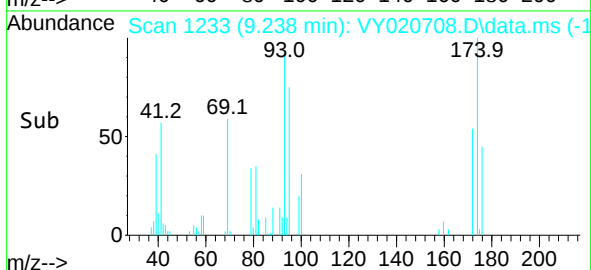
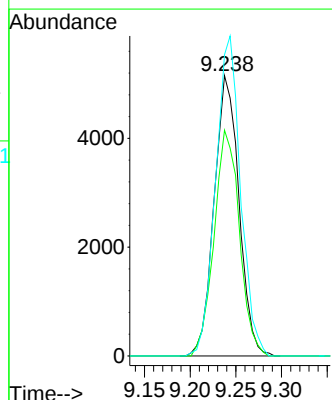
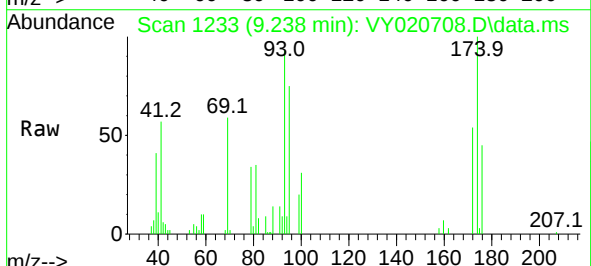
Tgt Ion: 93 Resp: 9719

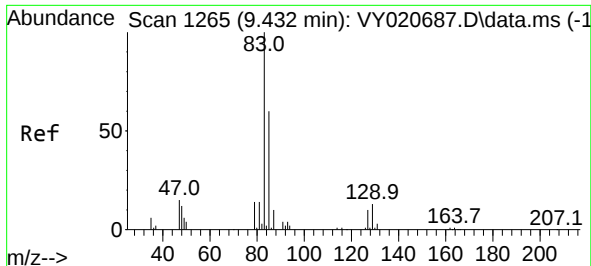
Ion Ratio Lower Upper

93 100

95 82.2 67.8 101.8

174 114.7 89.4 134.0

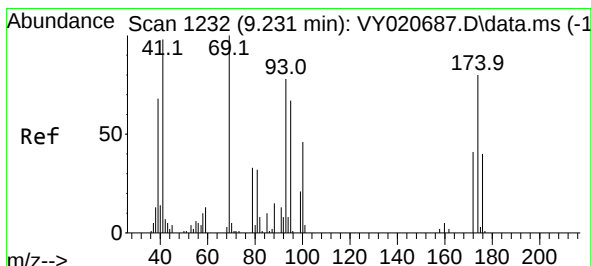
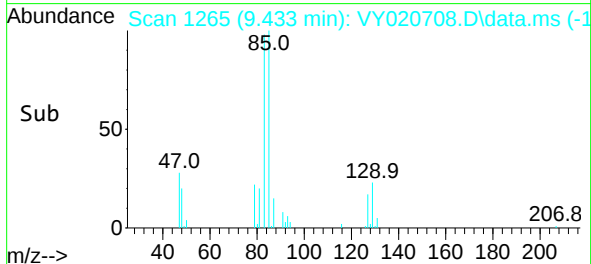
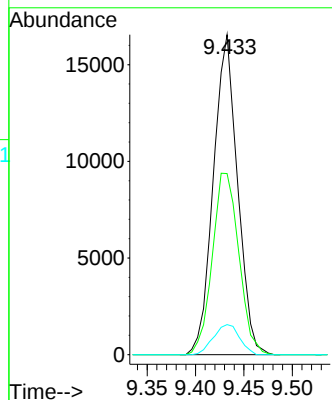
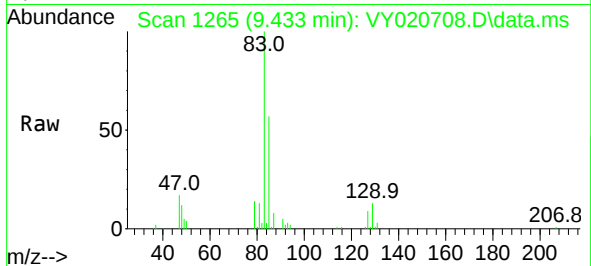




#47
Bromodichloromethane
Concen: 19.803 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.001 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

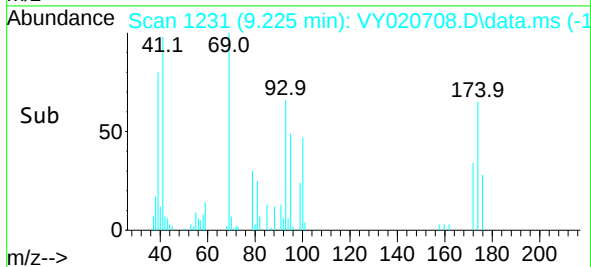
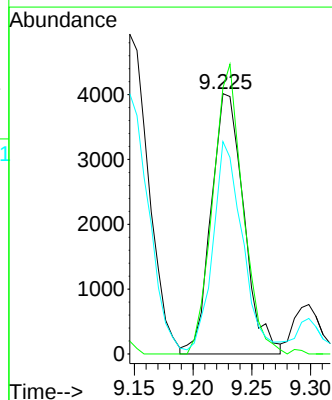
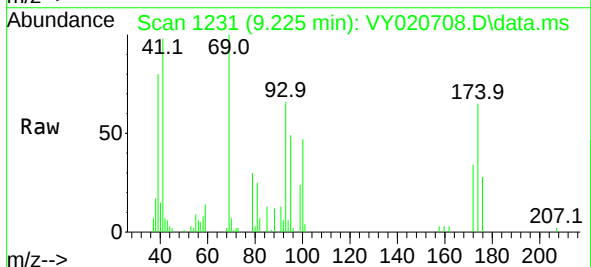
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

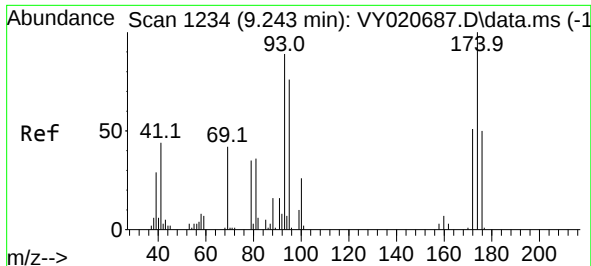
Tgt Ion: 83	Resp: 28737
Ion Ratio	Lower Upper
83 100	
85 56.6	47.6 71.4
127 9.4	7.9 11.9



#48
Methyl methacrylate
Concen: 18.879 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

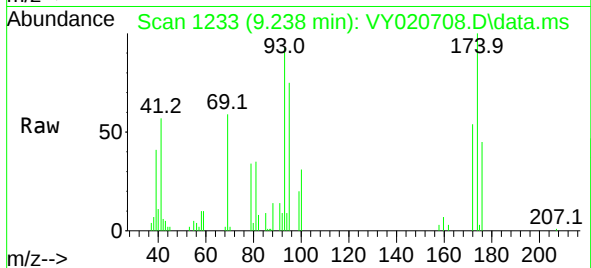
Tgt Ion: 41	Resp: 7787		
Ion Ratio	Lower	Upper	
41	100		
69	101.9	83.1	124.7
39	72.1	57.3	85.9



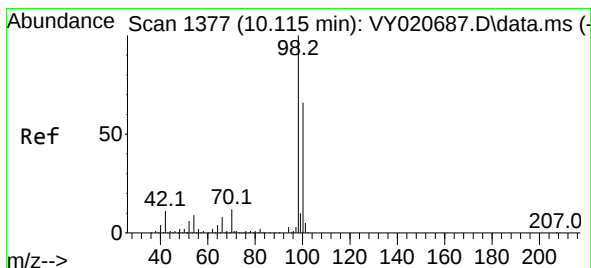
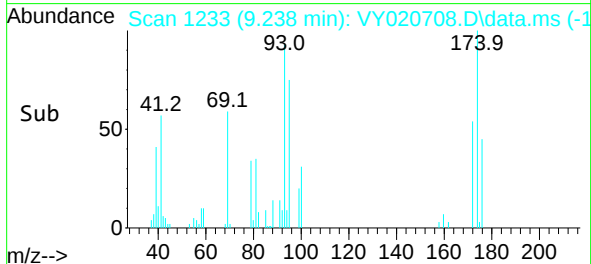
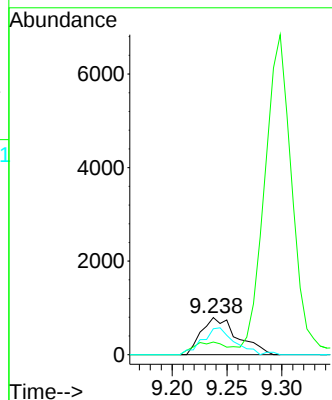


#49
1,4-Dioxane
Concen: 374.309 ug/l
RT: 9.238 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

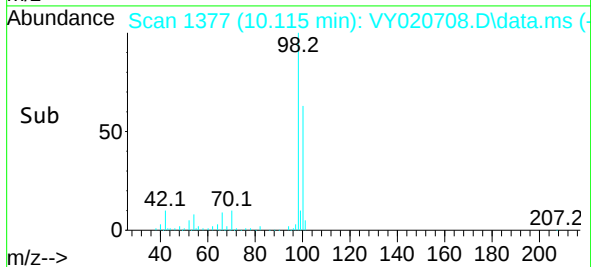
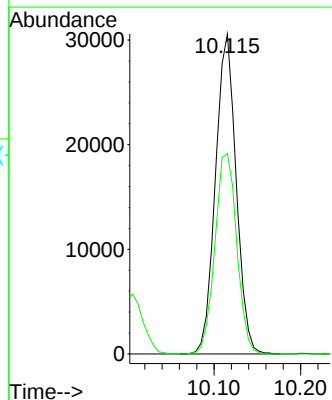
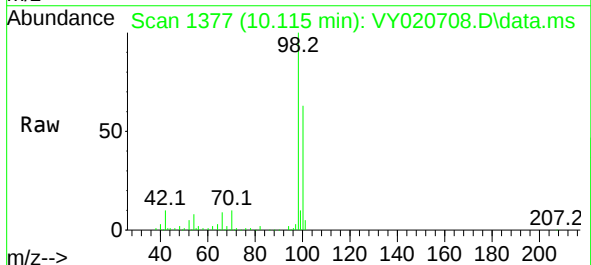


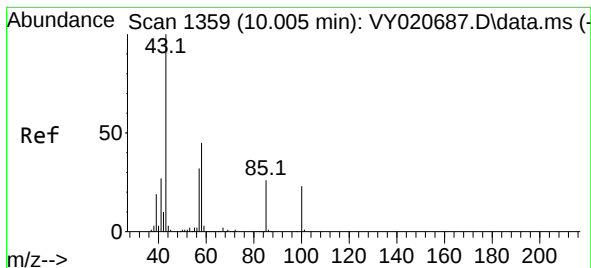
Tgt Ion: 88 Resp: 1825
Ion Ratio Lower Upper
88 100
43 28.3 22.1 33.1
58 64.8 46.7 70.1



#50
Toluene-d8
Concen: 14.644 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 98 Resp: 50794
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4

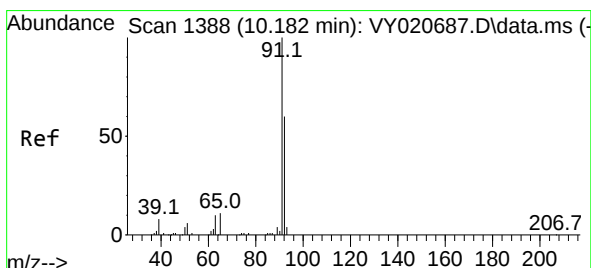
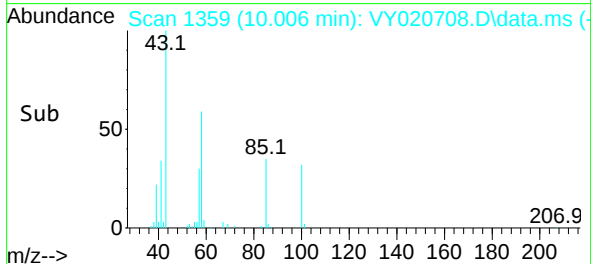
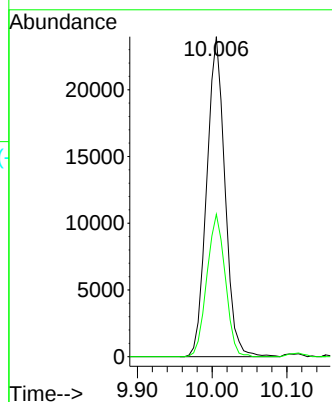
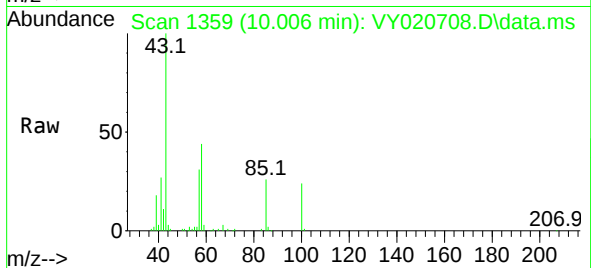




#51
4-Methyl-2-Pentanone
Concen: 95.218 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

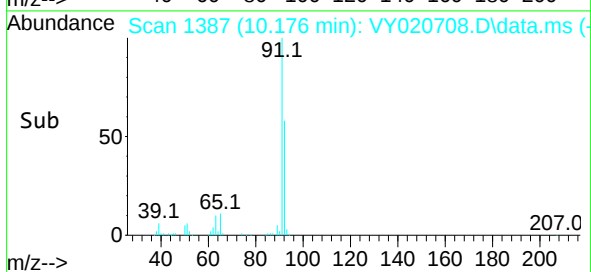
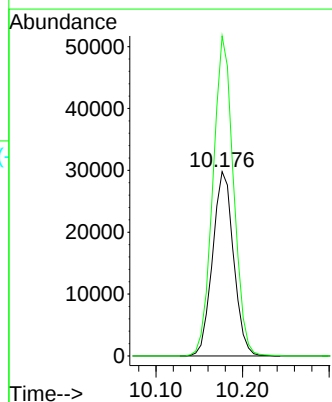
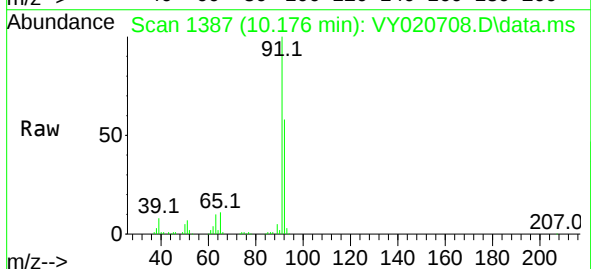
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

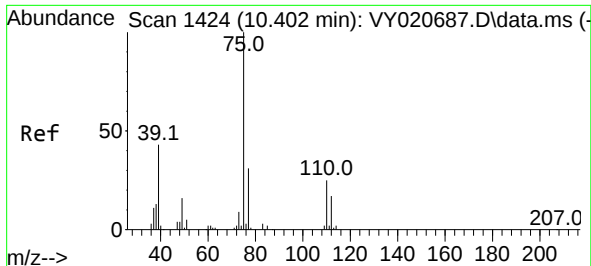
Tgt Ion: 43 Resp: 40592
Ion Ratio Lower Upper
43 100
58 44.8 35.1 52.7



#52
Toluene
Concen: 19.986 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 92 Resp: 50060
Ion Ratio Lower Upper
92 100
91 170.5 137.7 206.5

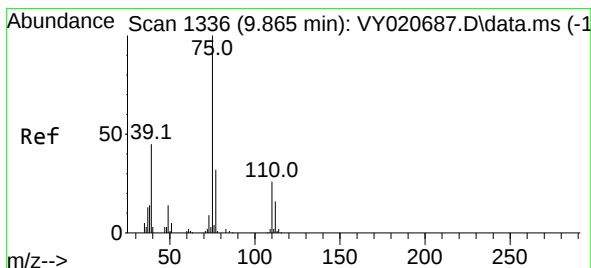
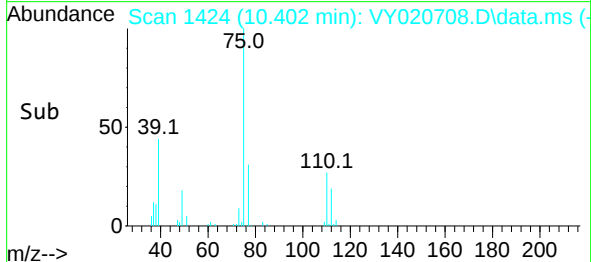
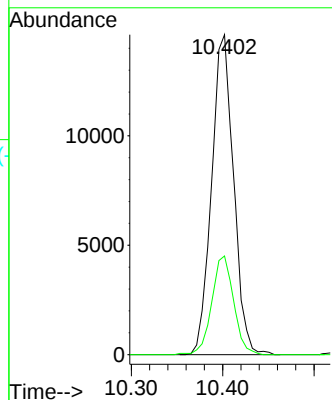
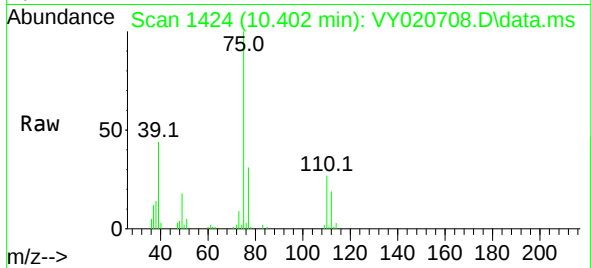




#53
 t-1,3-Dichloropropene
 Concen: 19.166 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VY020708.D
 Acq: 26 Dec 2024 10:16

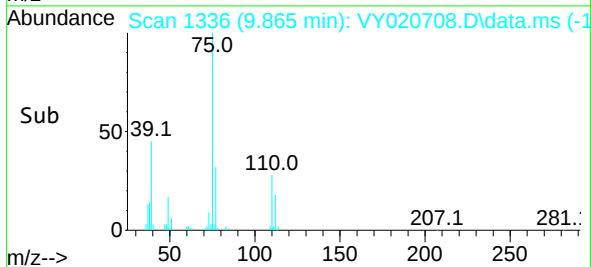
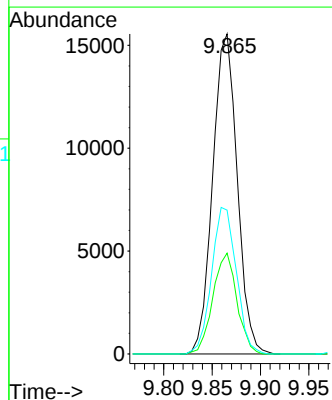
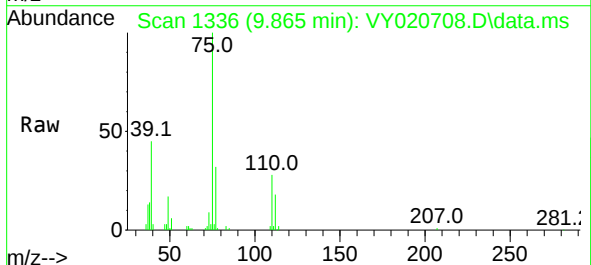
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

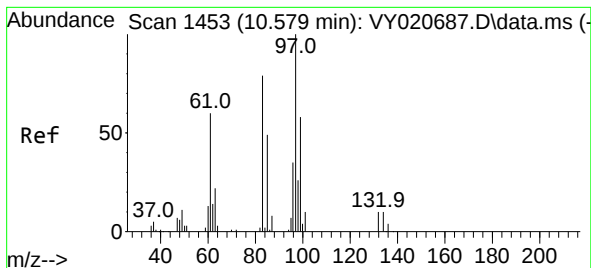
Tgt Ion: 75 Resp: 24428
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.625 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.000 min
 Lab File: VY020708.D
 Acq: 26 Dec 2024 10:16

Tgt Ion: 75 Resp: 27417
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 45.0 36.2 54.2

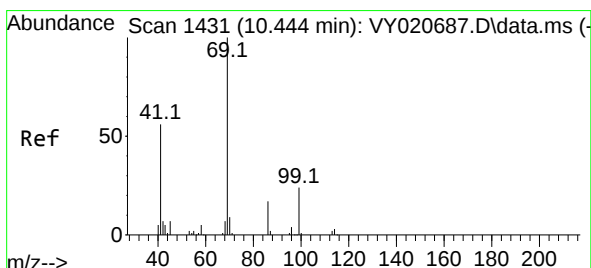
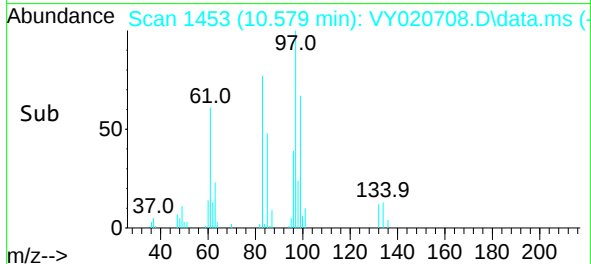
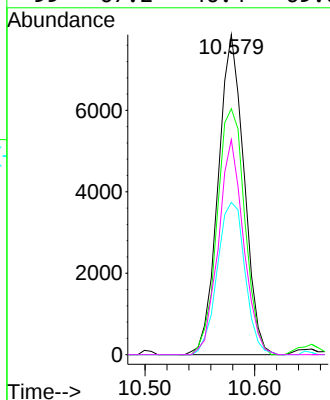
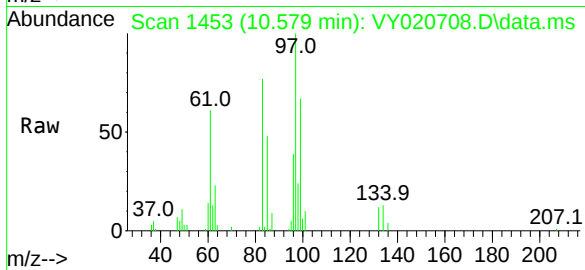




#55
1,1,2-Trichloroethane
Concen: 19.722 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

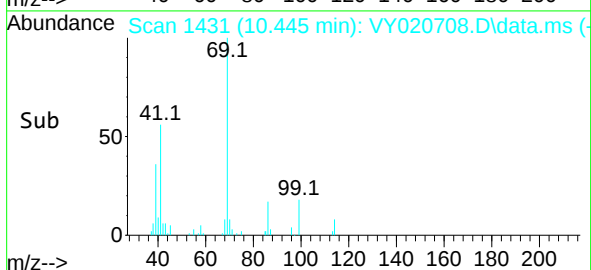
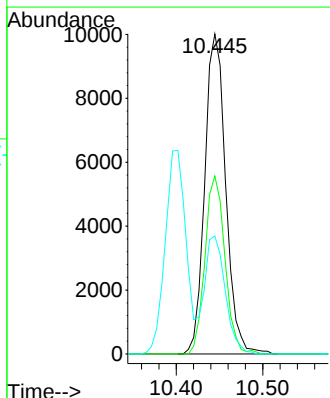
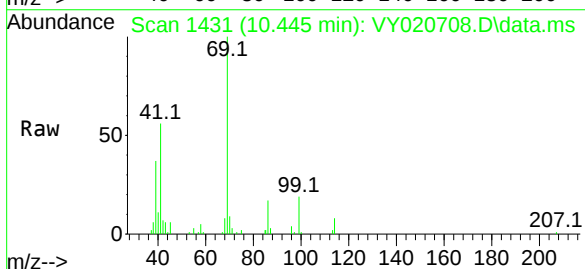
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

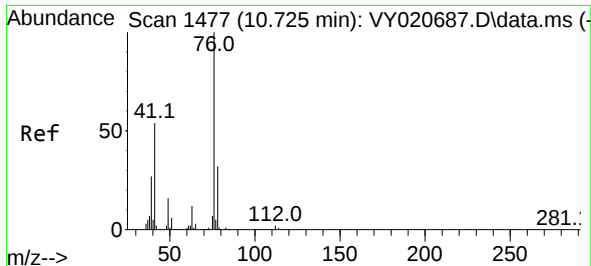
Tgt Ion: 97	Resp: 12886
Ion Ratio	Lower Upper
97 100	
83 76.8	63.1 94.7
85 47.6	39.5 59.3
99 67.2	46.4 69.6



#56
Ethyl methacrylate
Concen: 19.607 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 69	Resp: 16830
Ion Ratio	Lower Upper
69 100	
41 53.0	43.8 65.6
39 37.5	32.0 48.0





#57

1,3-Dichloropropane

Concen: 19.558 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

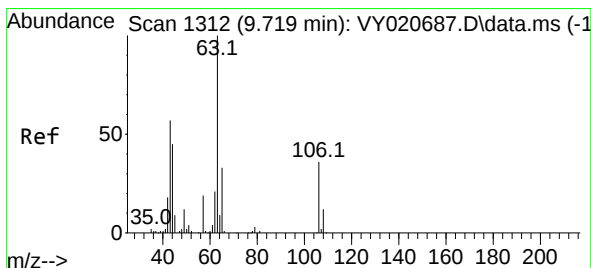
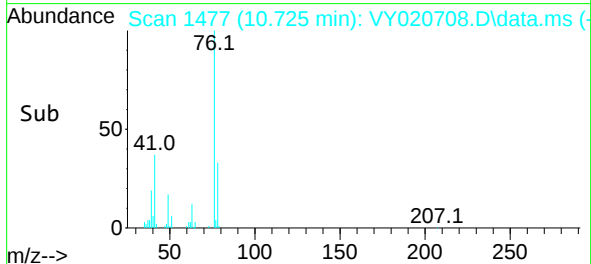
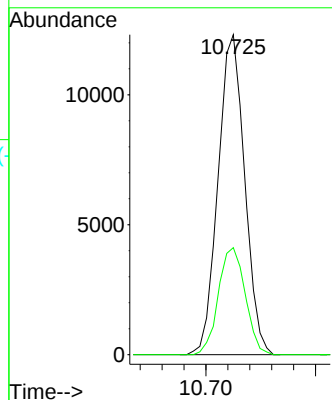
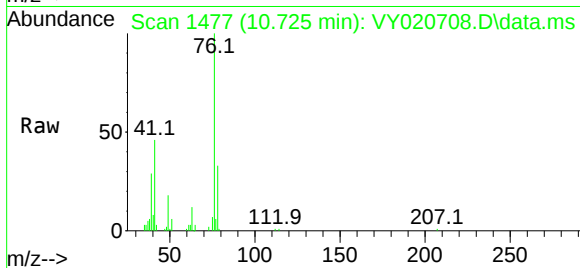
VSTDICC020

Tgt Ion: 76 Resp: 20740

Ion Ratio Lower Upper

76 100

78 33.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.985 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020708.D

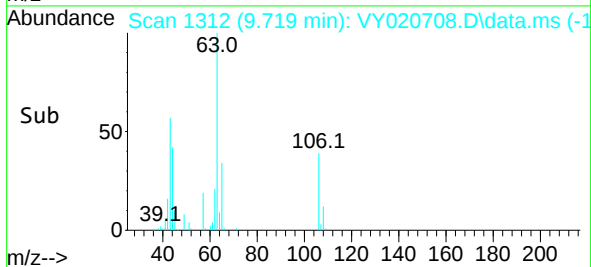
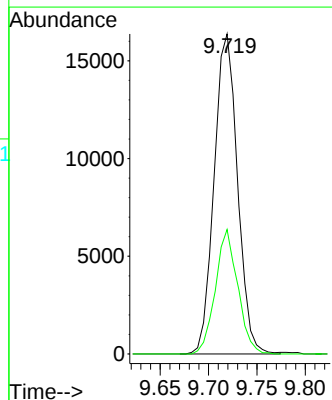
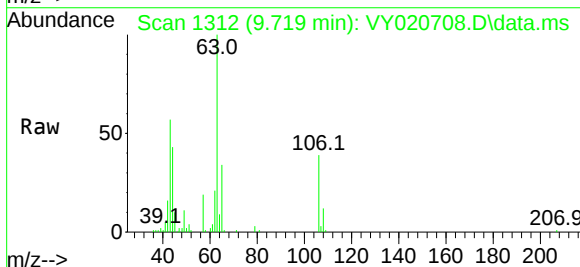
Acq: 26 Dec 2024 10:16

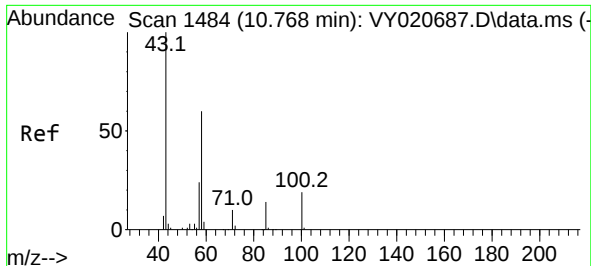
Tgt Ion: 63 Resp: 27533

Ion Ratio Lower Upper

63 100

106 37.2 29.1 43.7

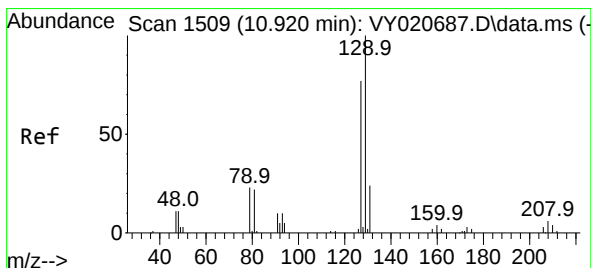
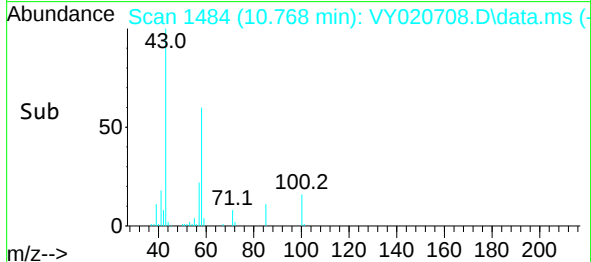
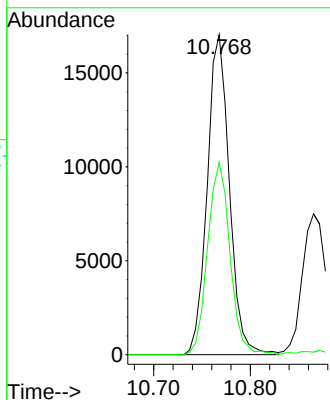
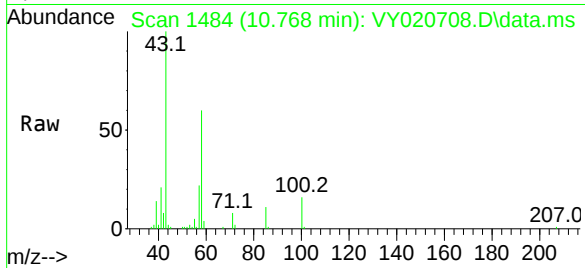




#59
2-Hexanone
Concen: 96.312 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

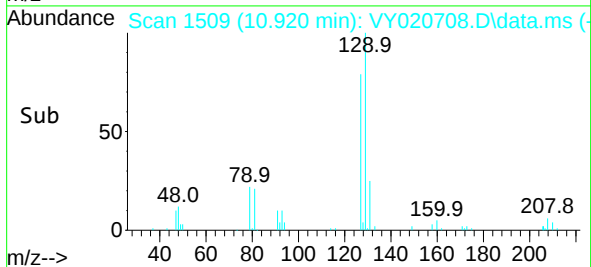
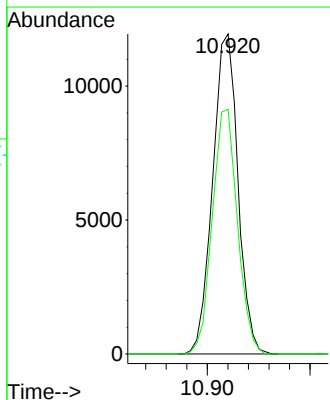
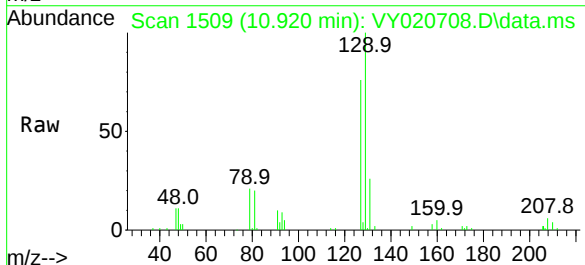
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

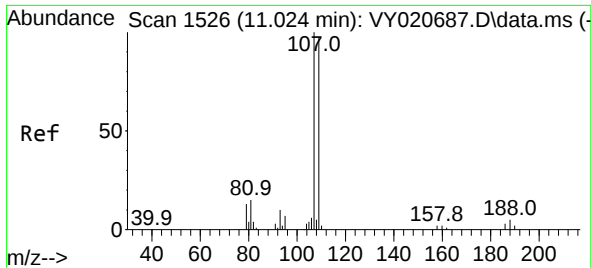
Tgt Ion: 43 Resp: 27109
Ion Ratio Lower Upper
43 100
58 60.5 30.1 90.5



#60
Dibromochloromethane
Concen: 19.279 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 129 Resp: 20354
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

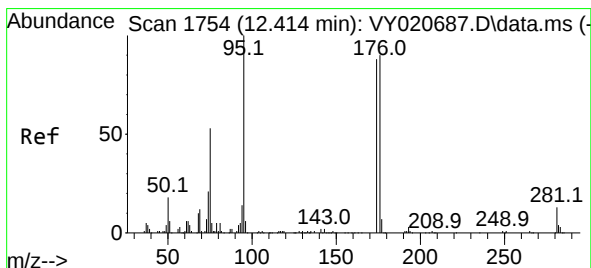
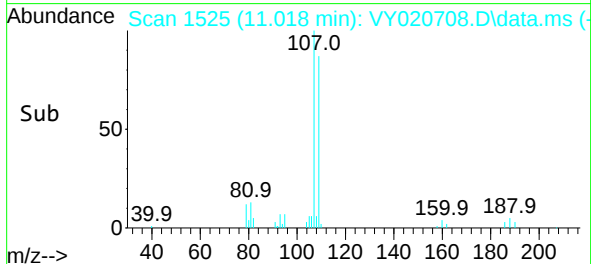
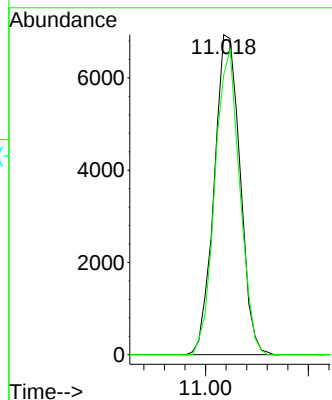
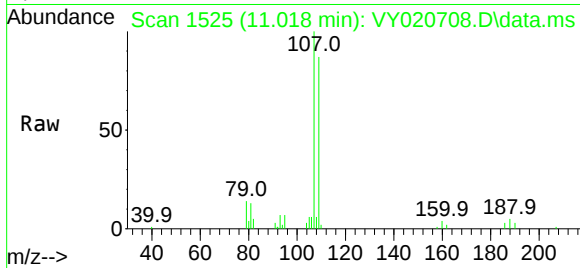




#61
1,2-Dibromoethane
Concen: 19.678 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

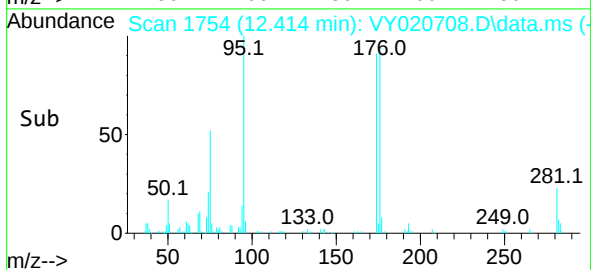
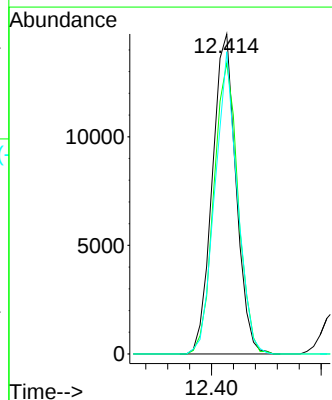
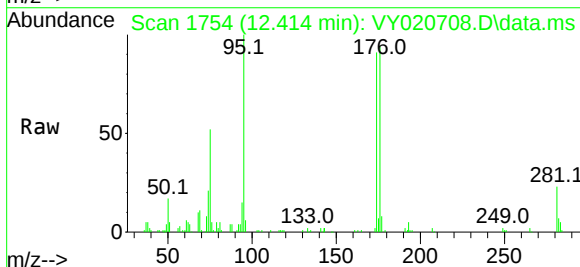
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

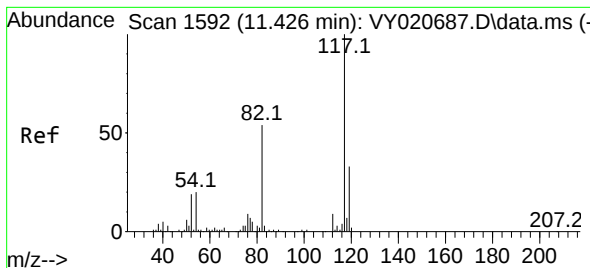
Tgt Ion:107 Resp: 12098
Ion Ratio Lower Upper
107 100
109 91.7 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 17.414 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 95 Resp: 22093
Ion Ratio Lower Upper
95 100
174 93.2 0.0 179.2
176 89.6 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

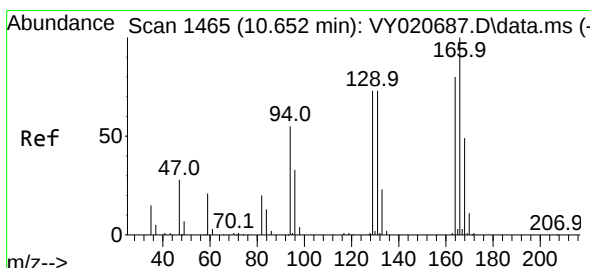
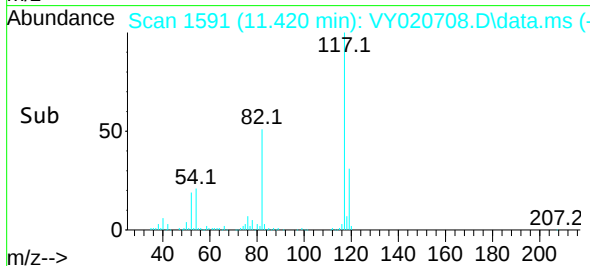
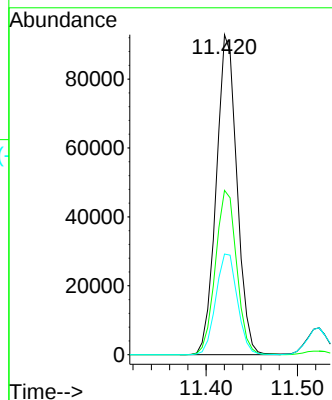
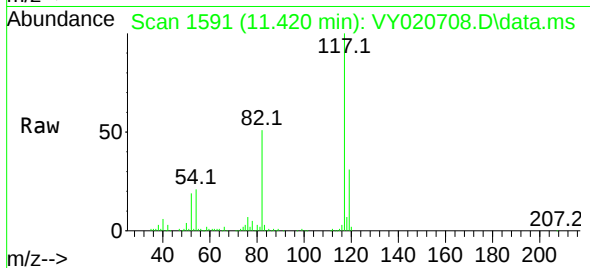
Tgt Ion:117 Resp: 146011

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.2

119 31.5 26.6 39.8



#64

Tetrachloroethene

Concen: 20.357 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Tgt Ion:164 Resp: 20307

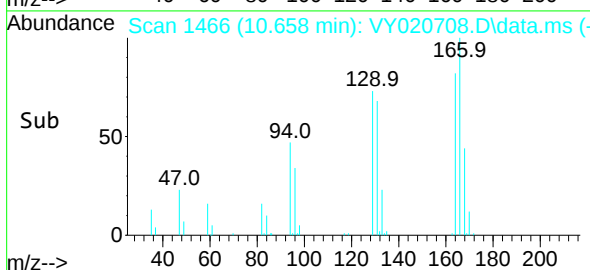
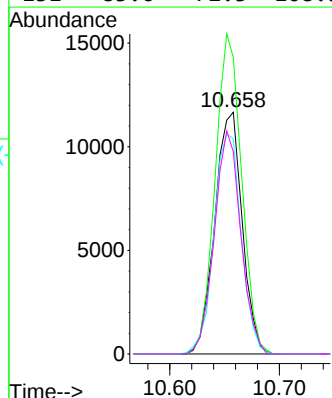
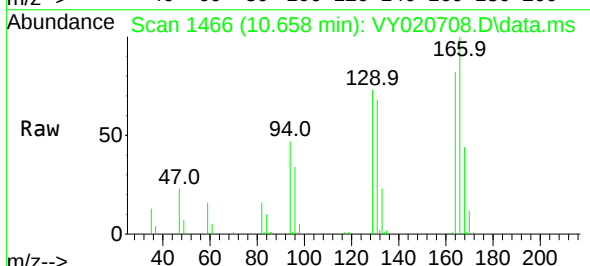
Ion Ratio Lower Upper

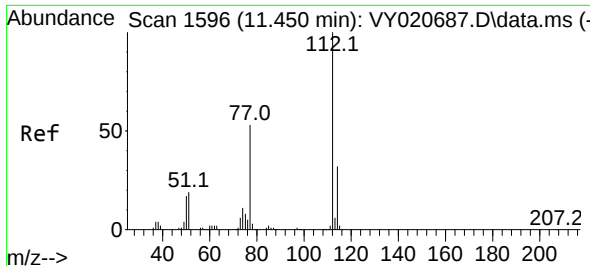
164 100

166 122.6 99.6 149.4

129 89.0 73.0 109.4

131 83.6 72.3 108.5

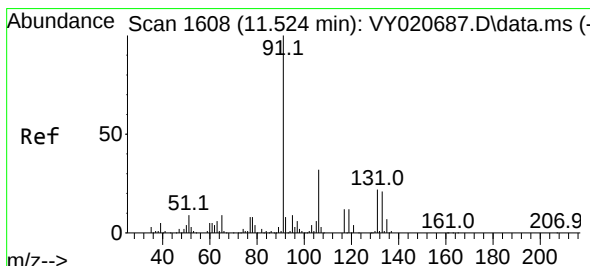
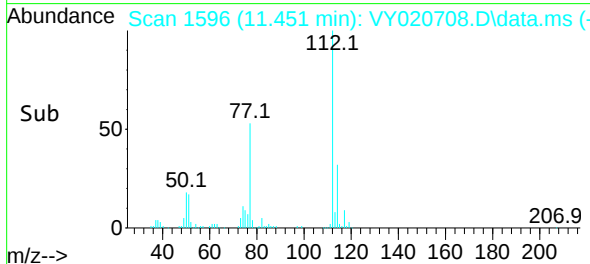
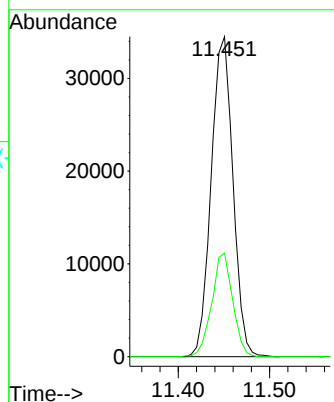
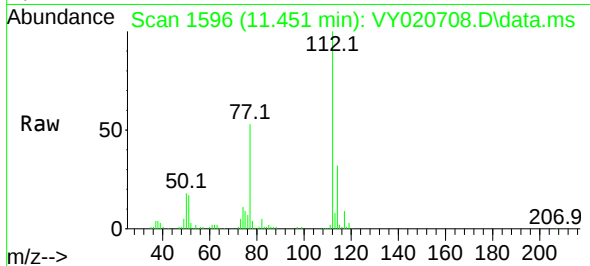




#65
Chlorobenzene
Concen: 19.935 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

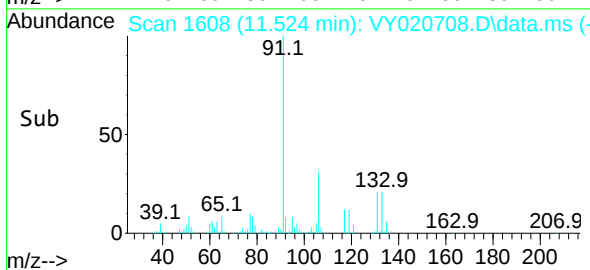
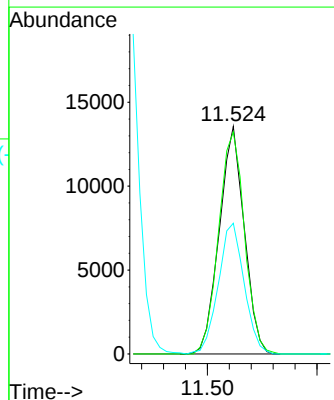
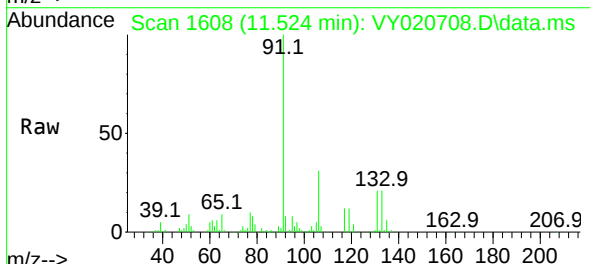
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

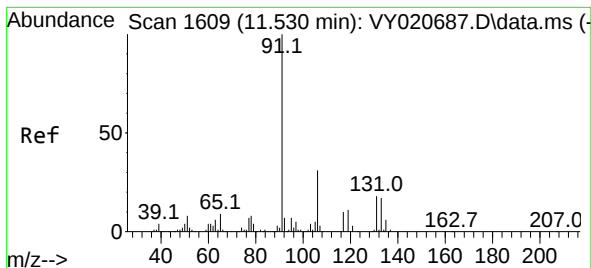
Tgt Ion:112 Resp: 56993
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.338 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion:131 Resp: 21420
Ion Ratio Lower Upper
131 100
133 101.4 48.6 145.9
119 59.5 28.4 85.3





#67

Ethyl Benzene

Concen: 20.042 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

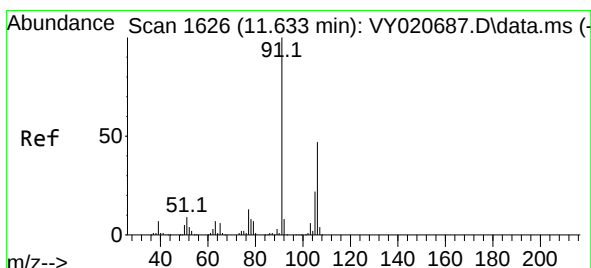
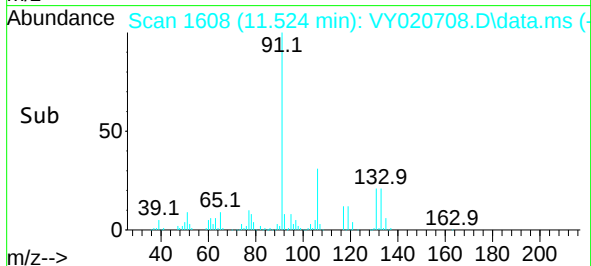
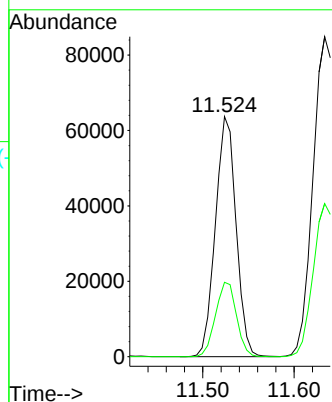
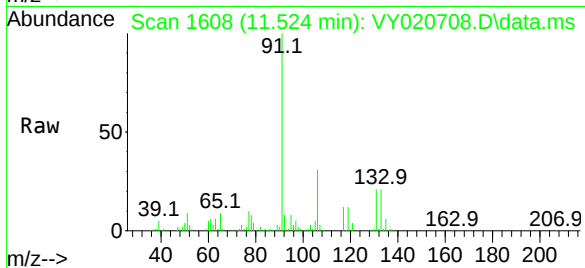
VSTDIC020

Tgt Ion: 91 Resp: 100148

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 39.796 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020708.D

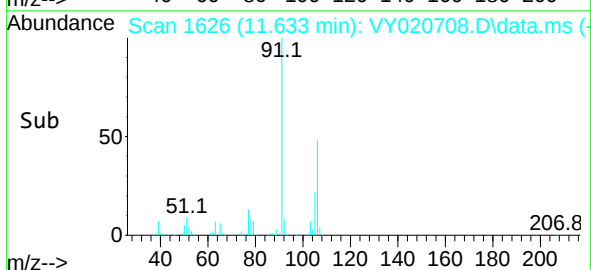
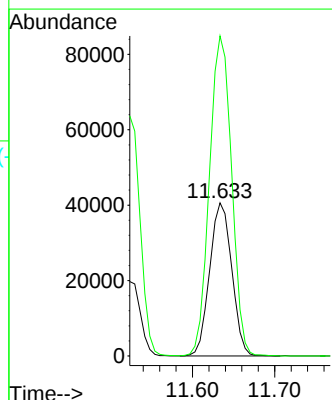
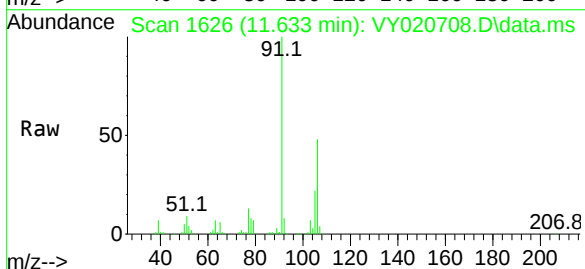
Acq: 26 Dec 2024 10:16

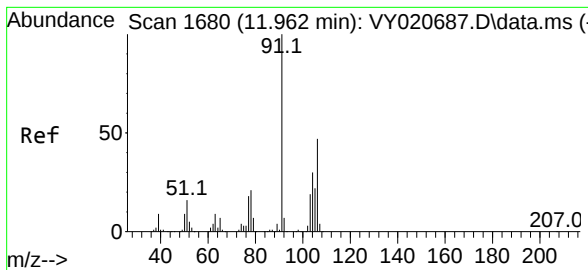
Tgt Ion:106 Resp: 75856

Ion Ratio Lower Upper

106 100

91 209.8 166.6 250.0

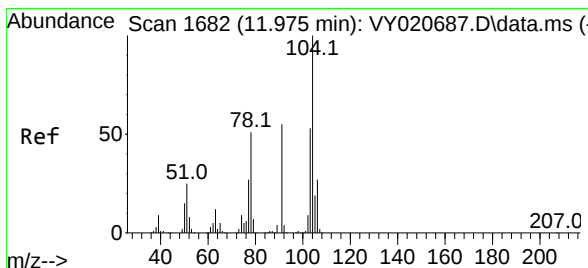
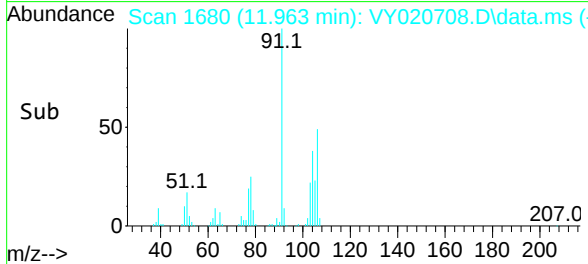
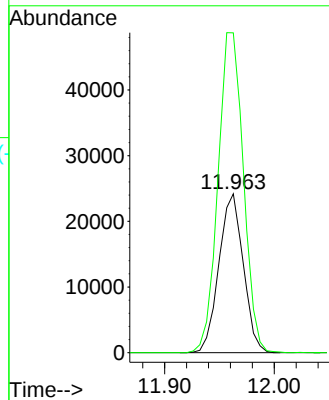
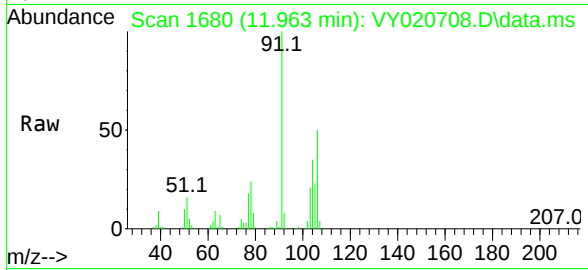




#69
o-Xylene
Concen: 20.482 ug/l
RT: 11.963 min Scan# 1196
Delta R.T. 0.001 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

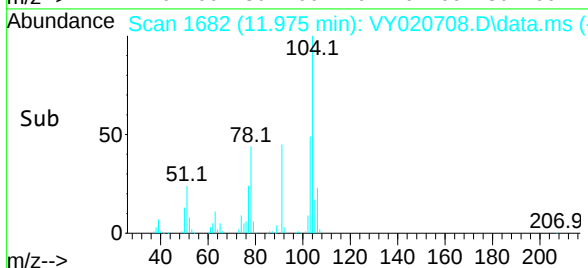
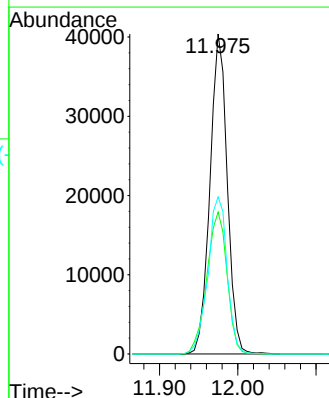
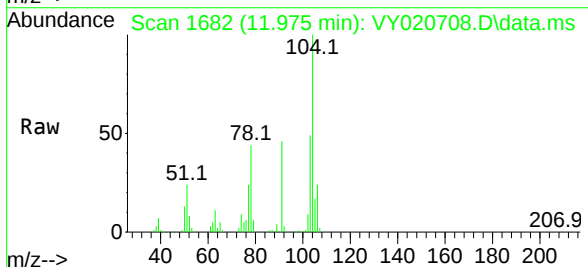
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

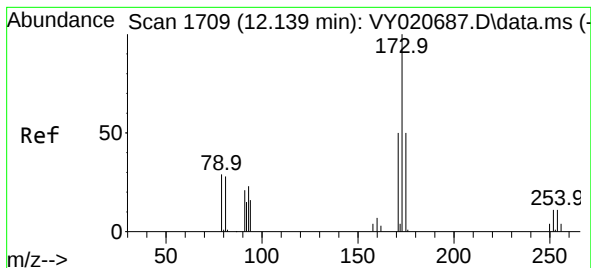
Tgt Ion:106 Resp: 37301
Ion Ratio Lower Upper
106 100
91 210.4 108.6 325.8



#70
Styrene
Concen: 20.262 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion:104 Resp: 61946
Ion Ratio Lower Upper
104 100
78 51.5 43.0 64.4
103 54.7 44.4 66.6





#71

Bromoform

Concen: 19.400 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

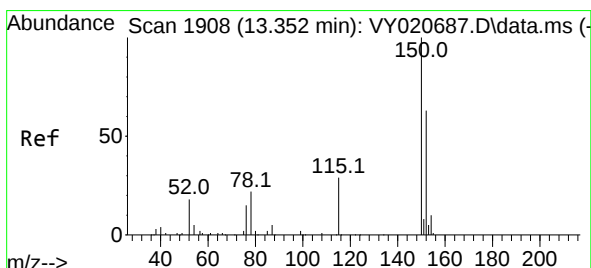
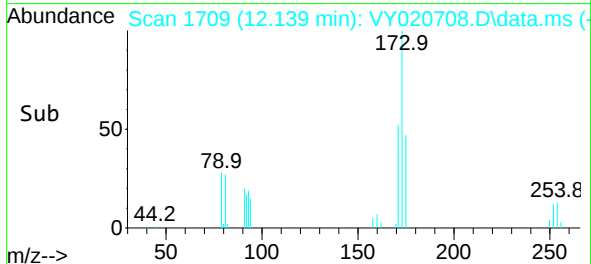
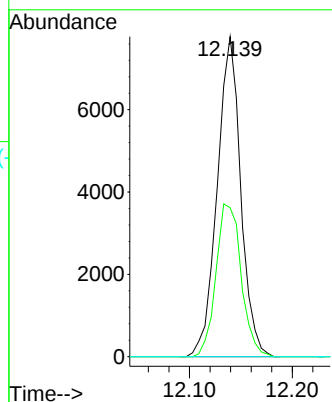
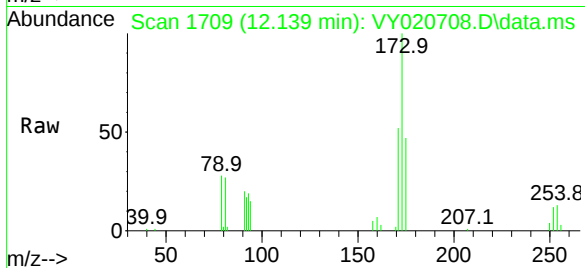
Tgt Ion:173 Resp: 12354

Ion Ratio Lower Upper

173 100

175 51.0 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

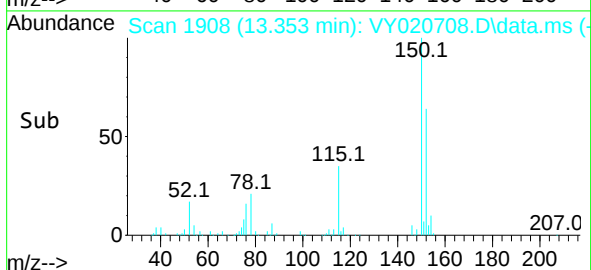
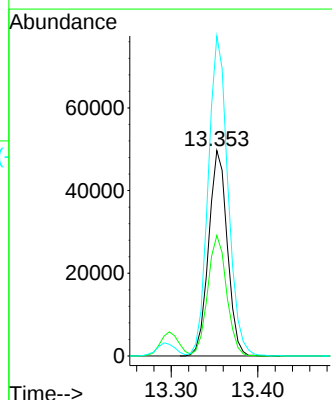
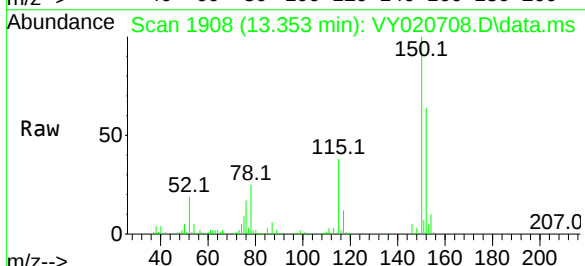
Tgt Ion:152 Resp: 74311

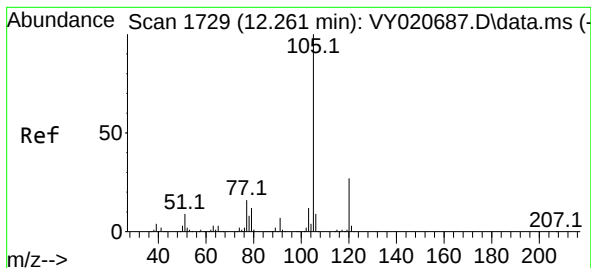
Ion Ratio Lower Upper

152 100

115 59.2 30.3 90.9

150 164.5 0.0 349.0





#73

Isopropylbenzene

Concen: 20.254 ug/l

RT: 12.261 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

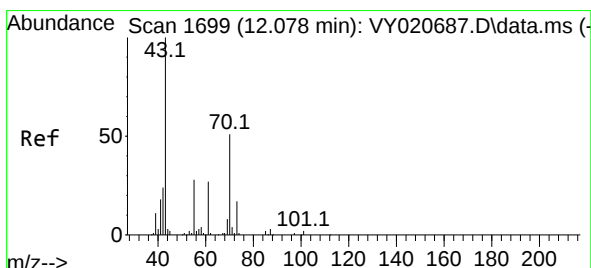
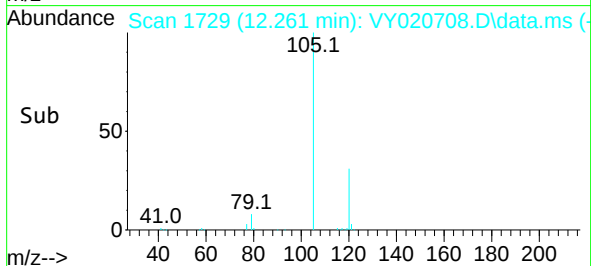
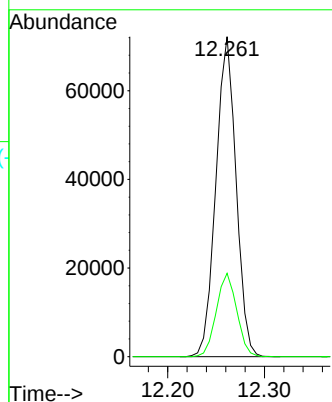
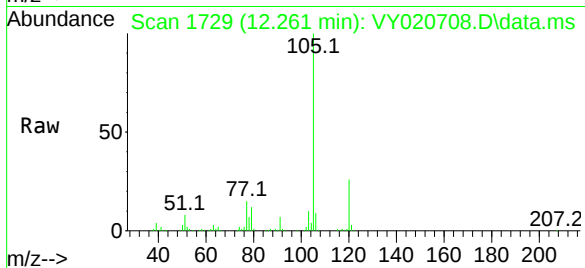
VSTDICC020

Tgt Ion:105 Resp: 104274

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 19.346 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Tgt Ion: 43 Resp: 14154

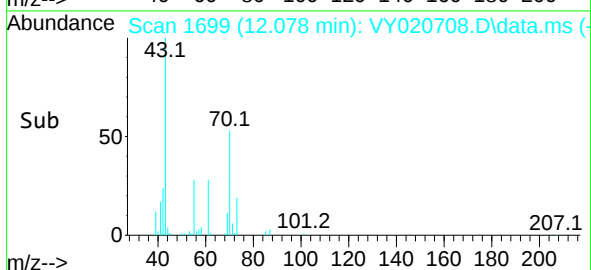
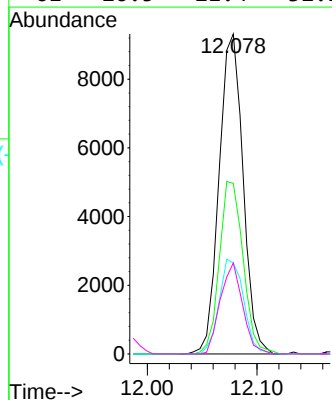
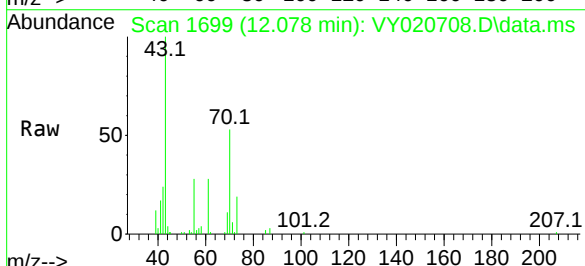
Ion Ratio Lower Upper

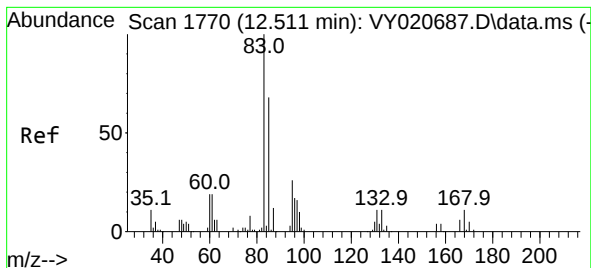
43 100

70 53.5 39.7 59.5

55 30.2 21.5 32.3

61 26.5 21.4 32.2

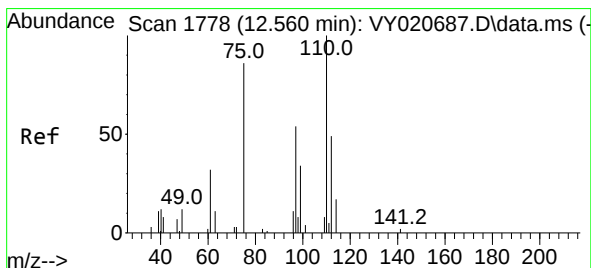
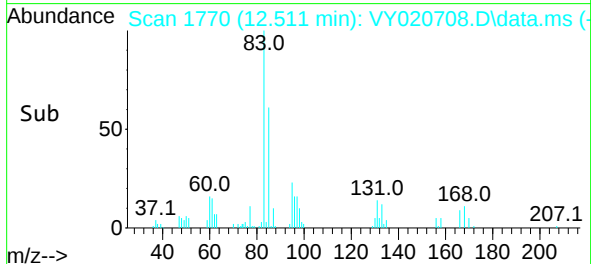
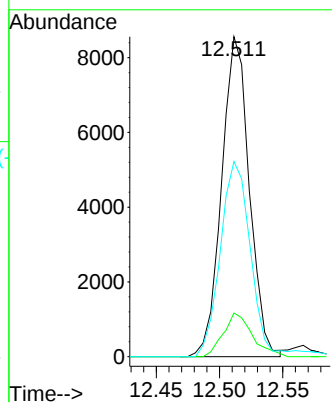
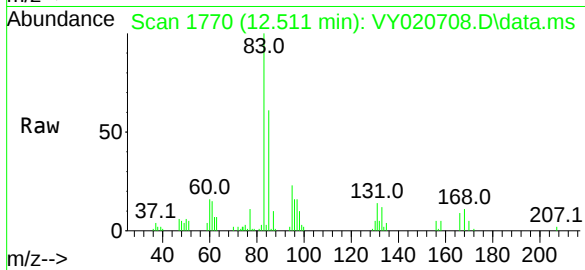




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.742 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY020708.D
 Acq: 26 Dec 2024 10:16

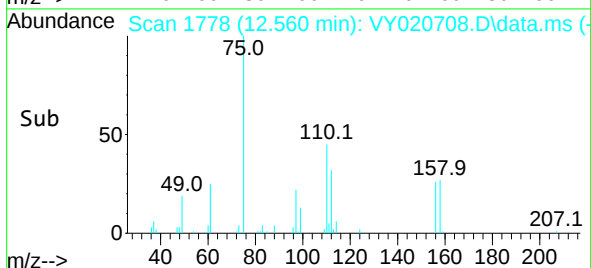
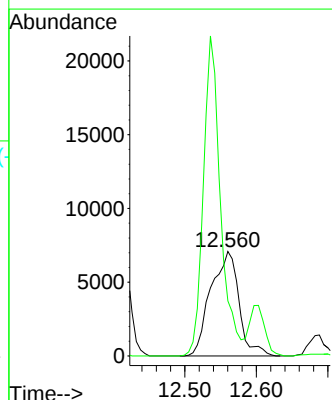
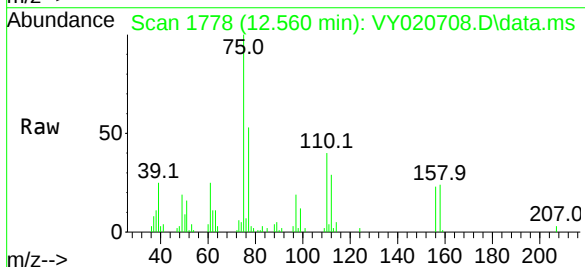
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

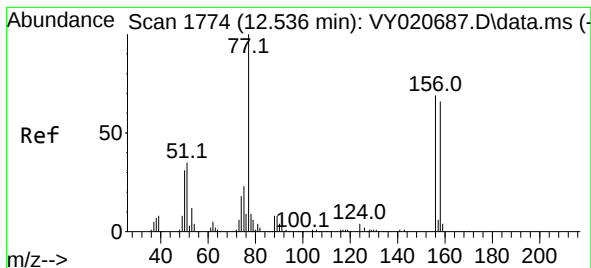
Tgt Ion: 83 Resp: 13030
 Ion Ratio Lower Upper
 83 100
 131 14.2 6.9 20.7
 85 65.8 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 33.108 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY020708.D
 Acq: 26 Dec 2024 10:16

Tgt Ion: 75 Resp: 19407
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.534 ug/l

RT: 12.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

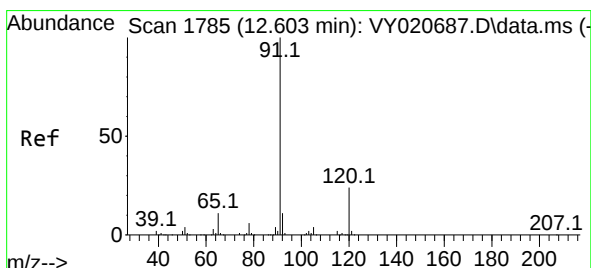
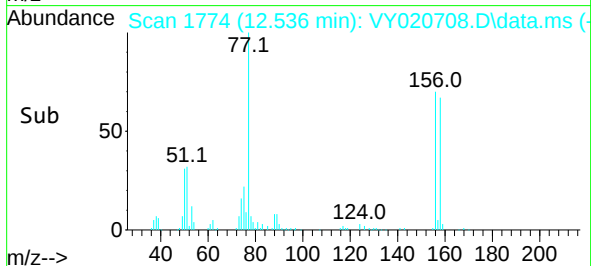
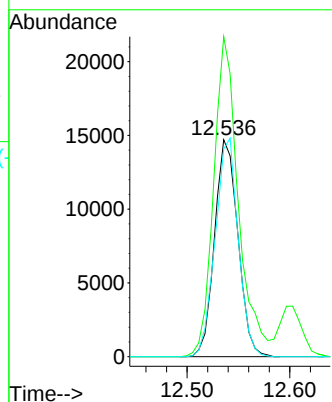
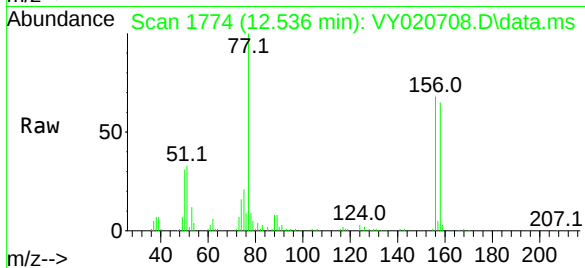
Tgt Ion:156 Resp: 23151

Ion Ratio Lower Upper

156 100

77 155.8 78.3 235.0

158 99.5 48.3 144.9



#78

n-propylbenzene

Concen: 20.458 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020708.D

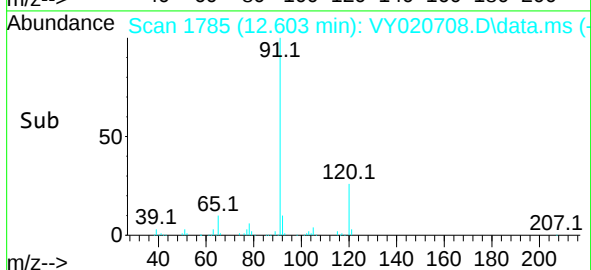
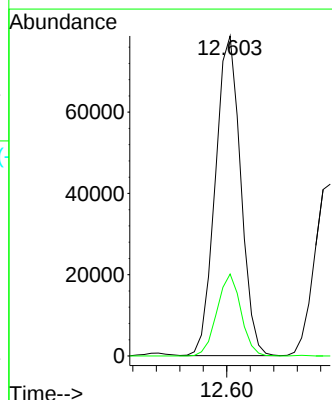
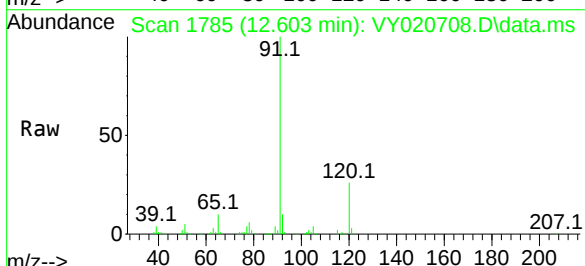
Acq: 26 Dec 2024 10:16

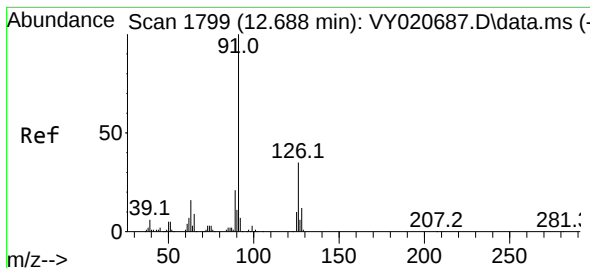
Tgt Ion: 91 Resp: 118053

Ion Ratio Lower Upper

91 100

120 24.1 12.3 36.8





#79

2-Chlorotoluene

Concen: 20.135 ug/l

RT: 12.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

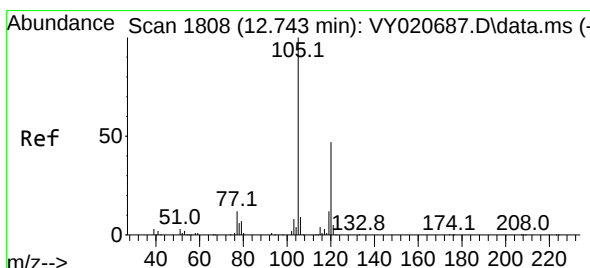
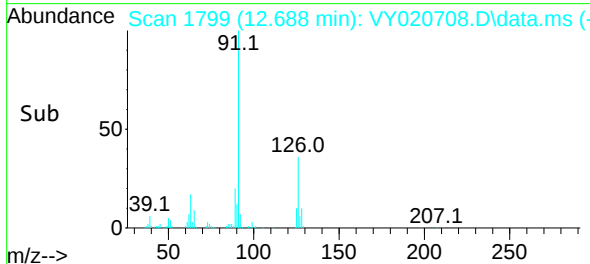
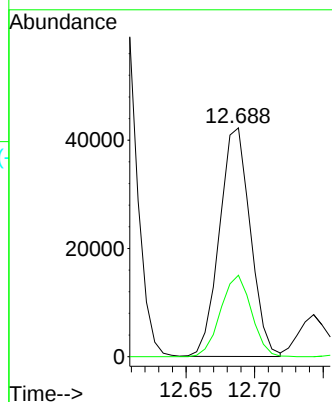
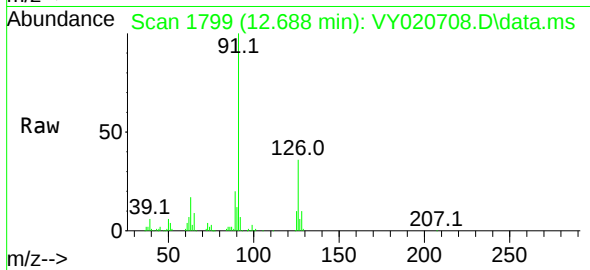
VSTDICC020

Tgt Ion: 91 Resp: 66234

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 20.157 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY020708.D

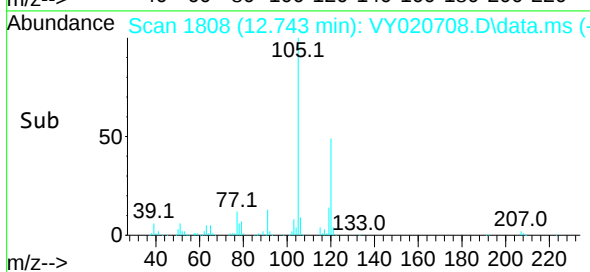
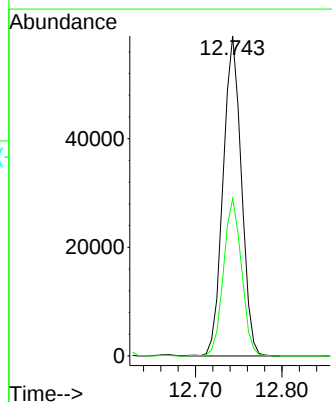
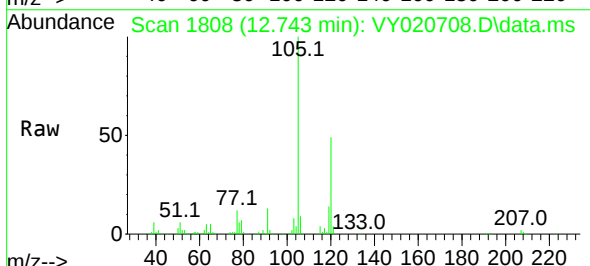
Acq: 26 Dec 2024 10:16

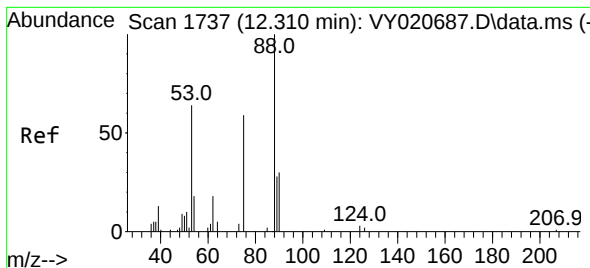
Tgt Ion: 105 Resp: 86460

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7

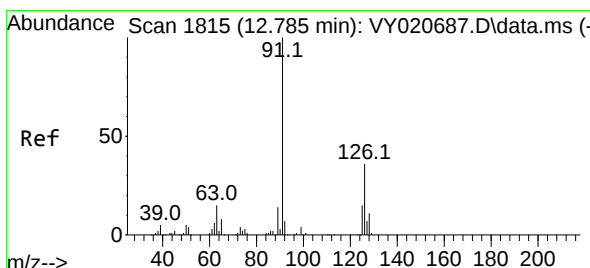
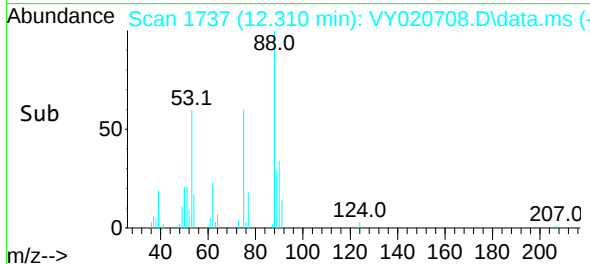
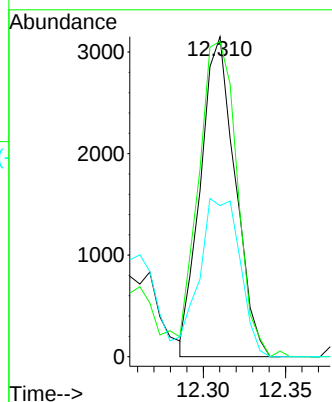
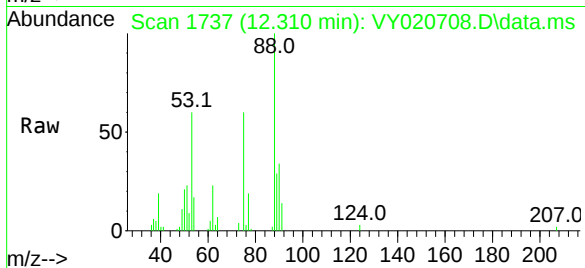




#81
trans-1,4-Dichloro-2-butene
Concen: 19.322 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

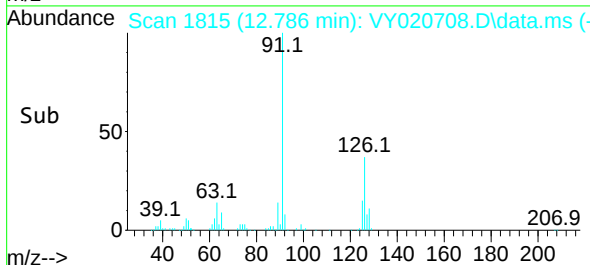
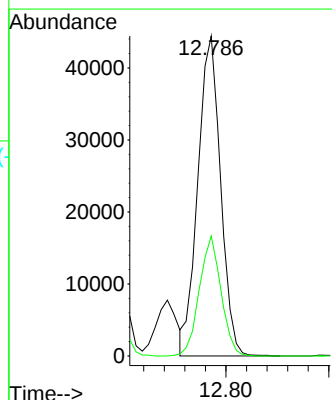
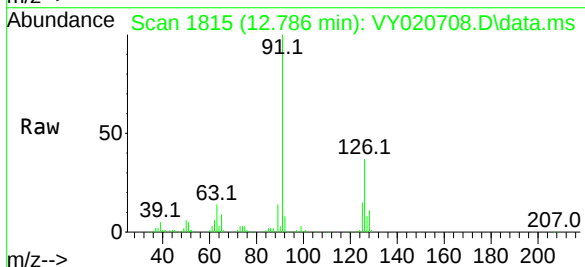
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

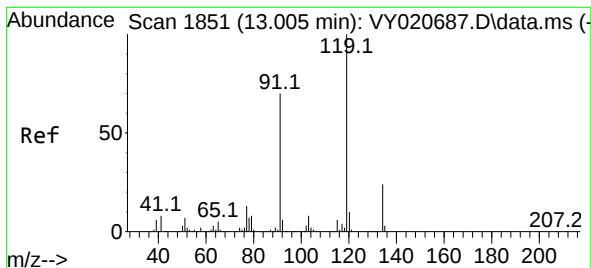
Tgt Ion: 75 Resp: 4620
Ion Ratio Lower Upper
75 100
53 112.4 83.1 124.7
89 58.5 40.6 61.0



#82
4-Chlorotoluene
Concen: 20.057 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.001 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 91 Resp: 68187
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.5





#83

tert-Butylbenzene

Concen: 20.410 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

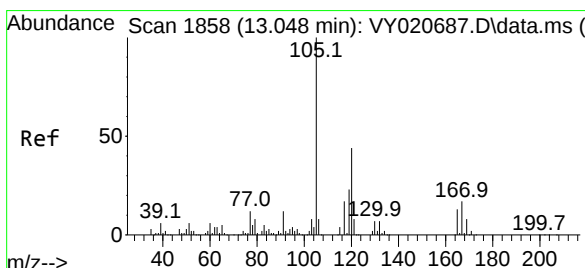
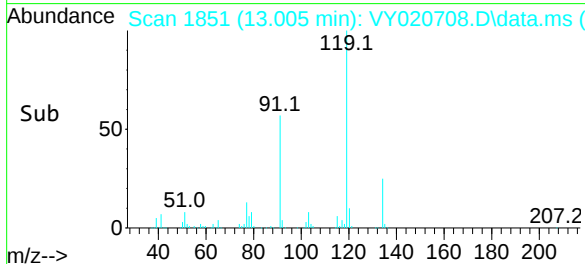
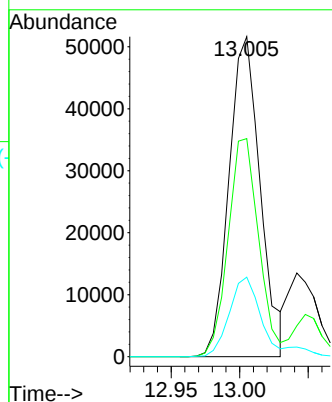
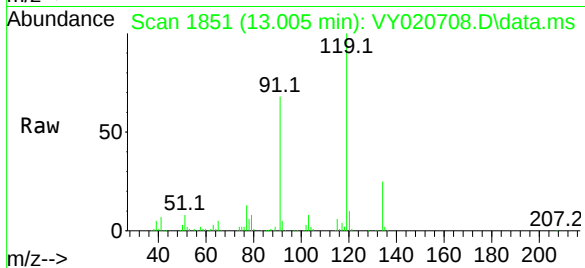
Tgt Ion:119 Resp: 81757

Ion Ratio Lower Upper

119 100

91 66.7 33.6 100.8

134 26.8 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 20.370 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020708.D

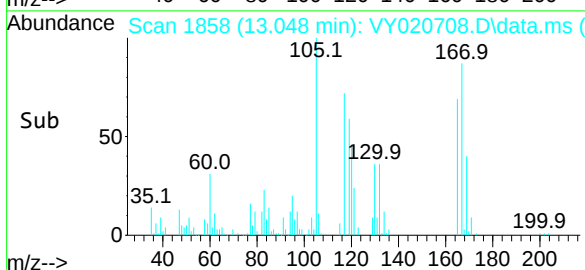
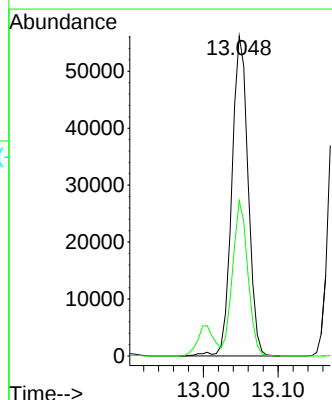
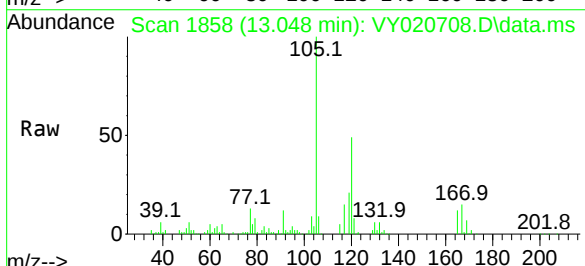
Acq: 26 Dec 2024 10:16

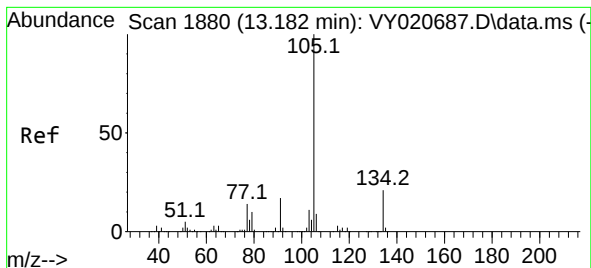
Tgt Ion:105 Resp: 85025

Ion Ratio Lower Upper

105 100

120 45.6 21.8 65.3





#85

sec-Butylbenzene

Concen: 20.536 ug/l

RT: 13.182 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

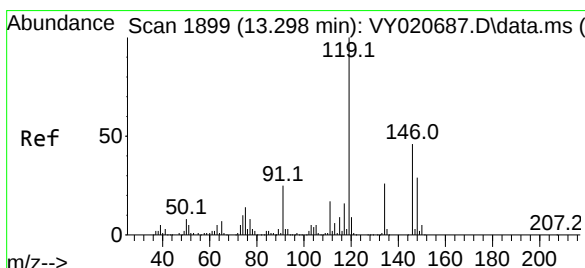
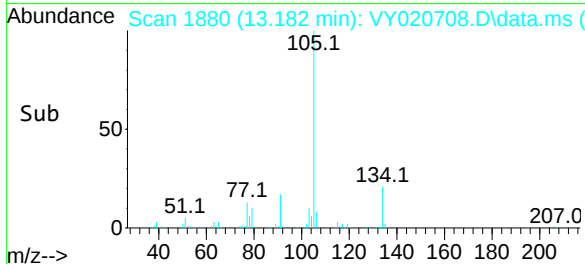
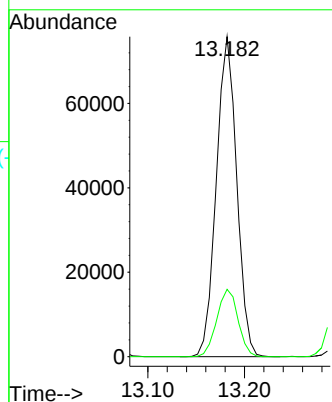
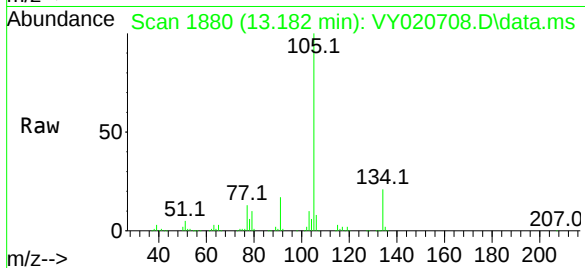
VSTDIC020

Tgt Ion:105 Resp: 110869

Ion Ratio Lower Upper

105 100

134 21.9 10.7 32.1



#86

p-Isopropyltoluene

Concen: 20.311 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

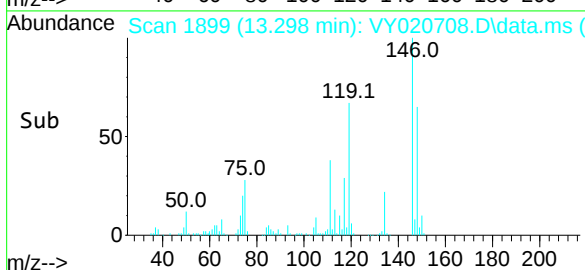
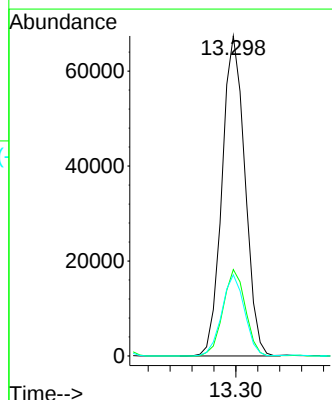
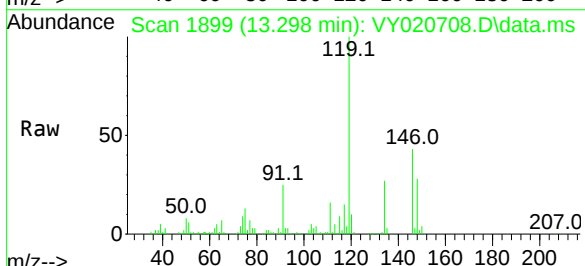
Tgt Ion:119 Resp: 97722

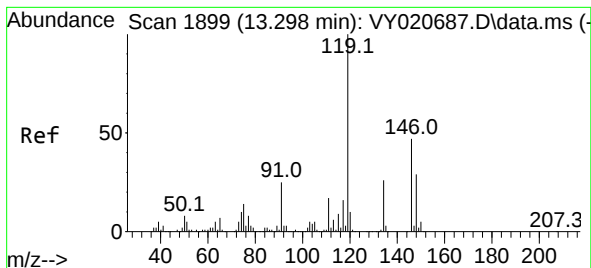
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

91 25.2 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 20.113 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020708.D

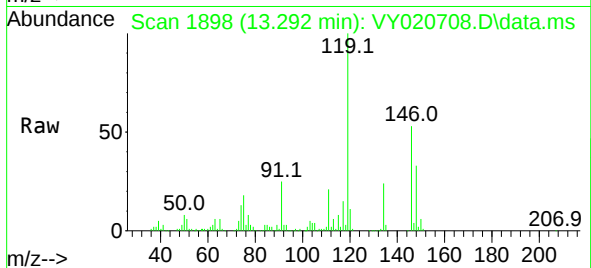
Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020



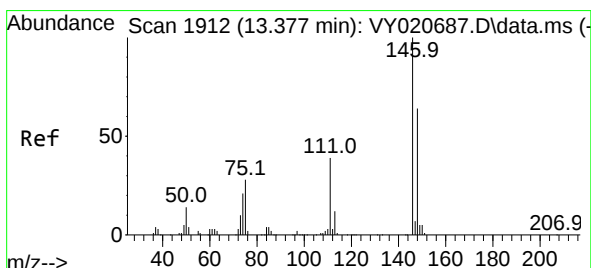
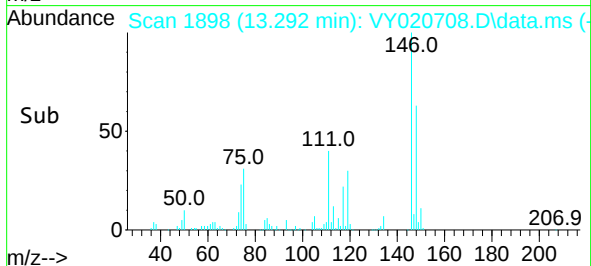
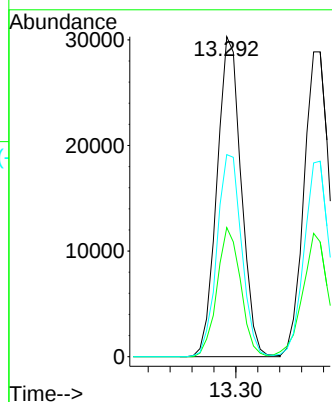
Tgt Ion:146 Resp: 46587

Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.8

148 64.3 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 20.154 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

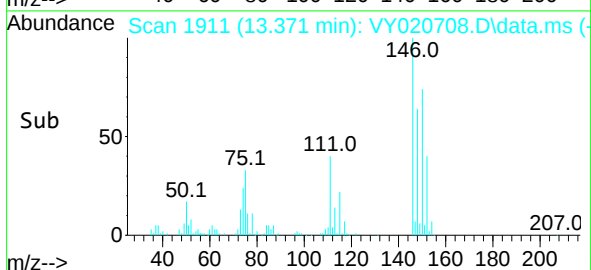
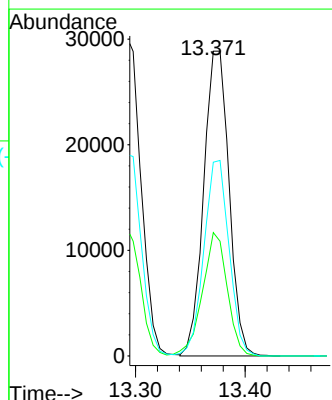
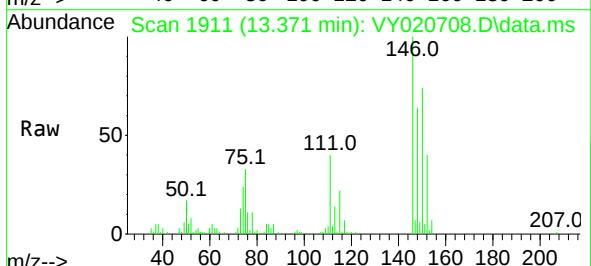
Tgt Ion:146 Resp: 46439

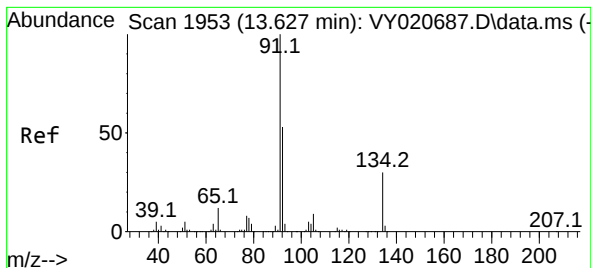
Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 63.7 32.8 98.3





#89

n-Butylbenzene

Concen: 20.454 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

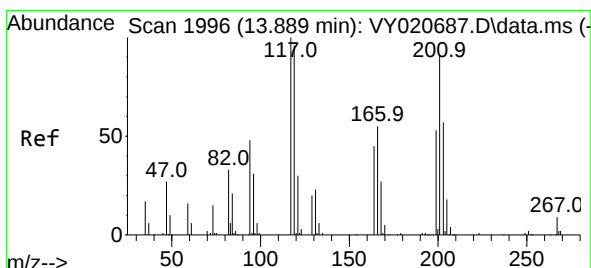
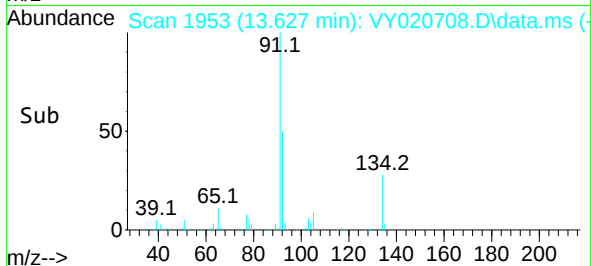
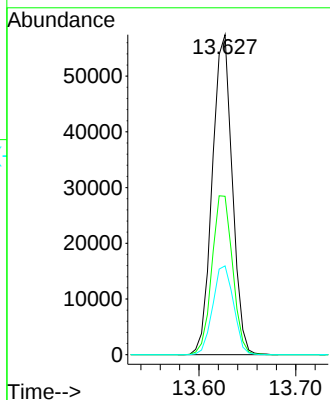
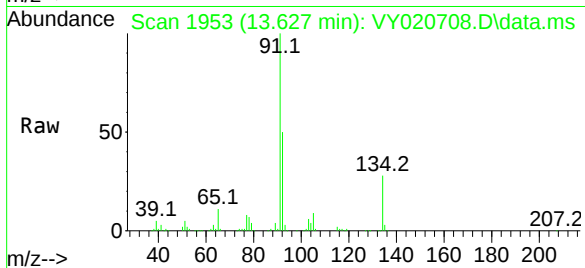
Tgt Ion: 91 Resp: 82147

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.2

134 28.9 14.8 44.4



#90

Hexachloroethane

Concen: 19.517 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020708.D

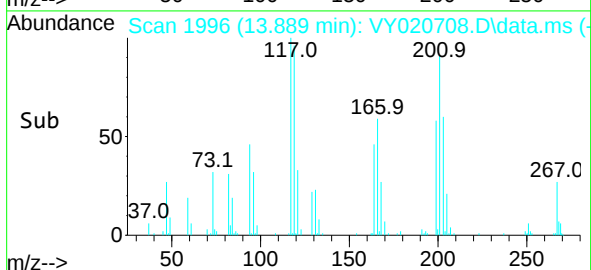
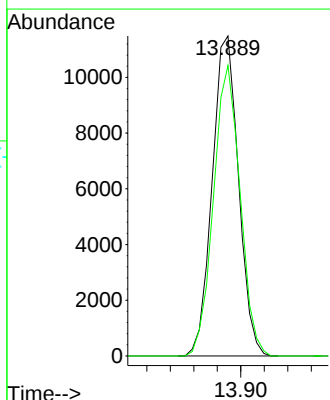
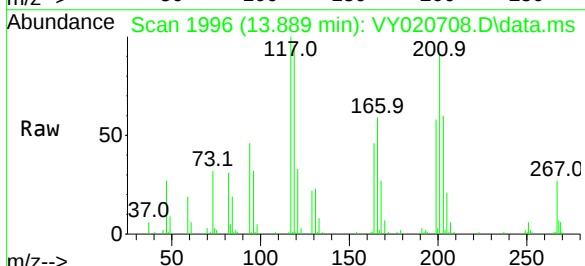
Acq: 26 Dec 2024 10:16

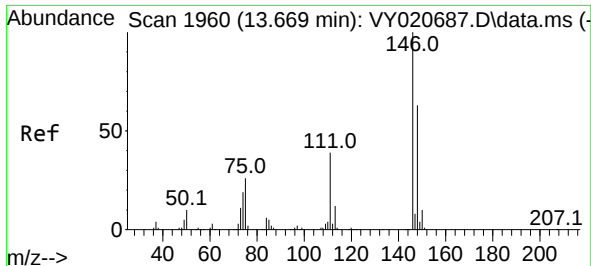
Tgt Ion: 117 Resp: 17856

Ion Ratio Lower Upper

117 100

201 91.7 44.9 134.7

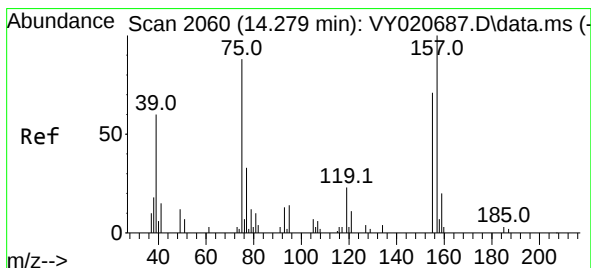
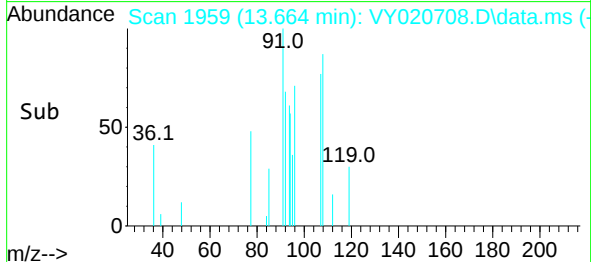
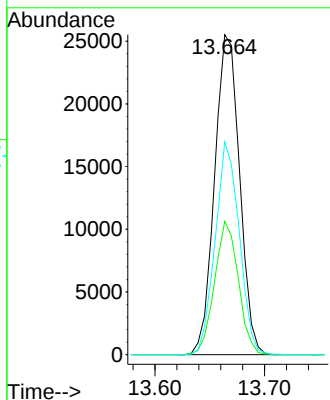
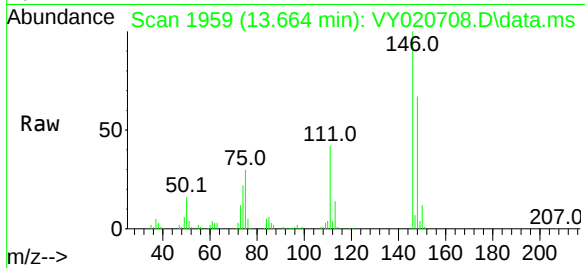




#91
1,2-Dichlorobenzene
Concen: 20.378 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. -0.005 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

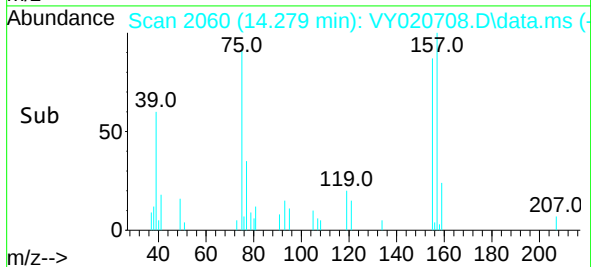
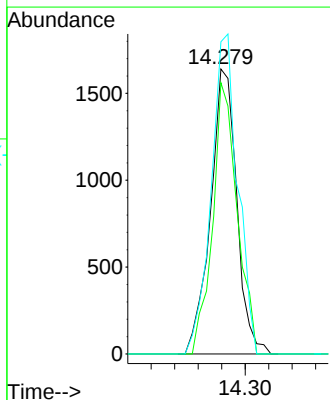
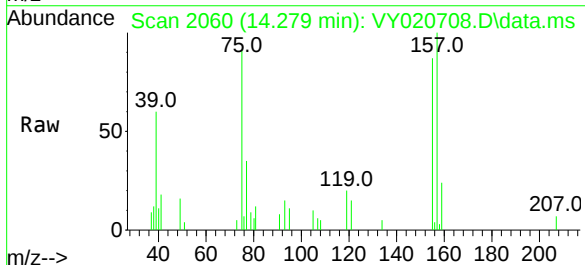
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

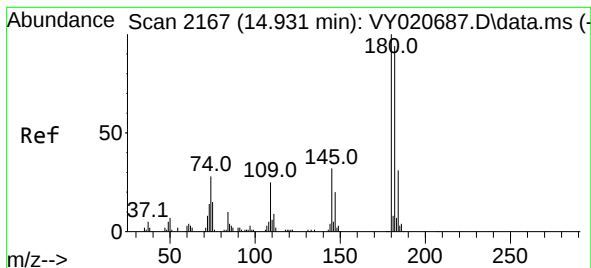
Tgt Ion:146 Resp: 40471
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.8
148 64.1 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.905 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY020708.D
Acq: 26 Dec 2024 10:16

Tgt Ion: 75 Resp: 2548
Ion Ratio Lower Upper
75 100
155 88.6 43.4 130.2
157 113.3 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 19.089 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.001 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

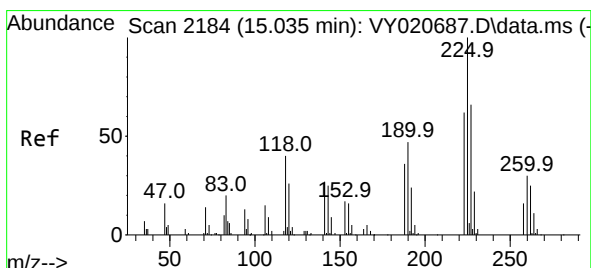
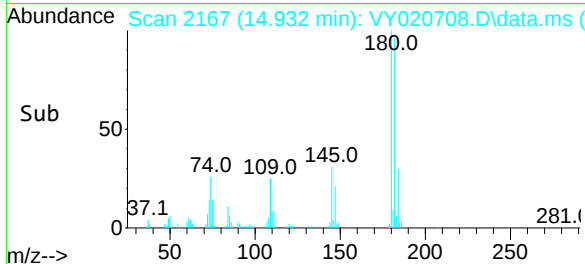
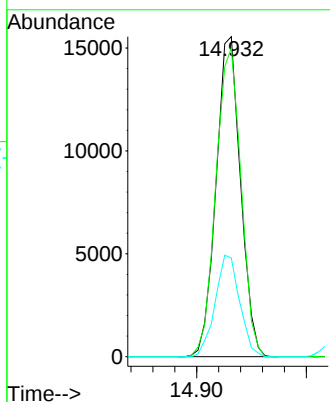
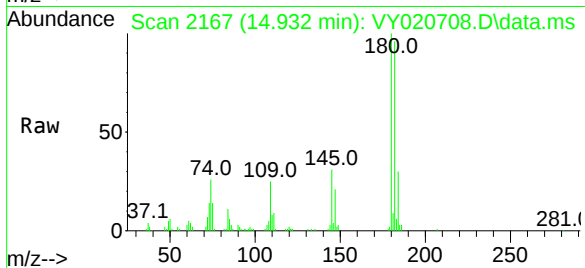
Tgt Ion:180 Resp: 24098

Ion Ratio Lower Upper

180 100

182 99.1 47.9 143.7

145 31.8 15.6 46.8



#94

Hexachlorobutadiene

Concen: 19.654 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

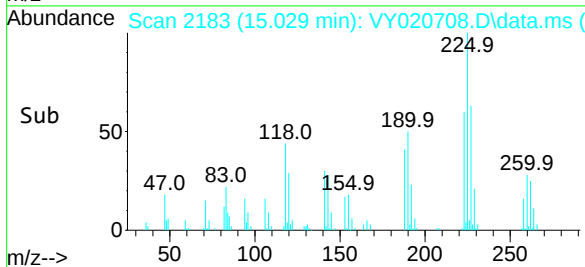
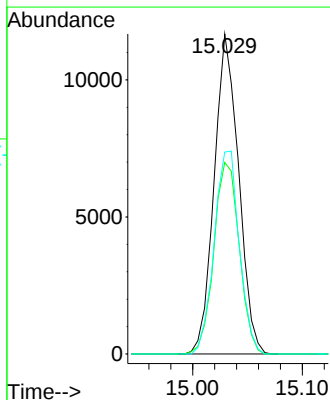
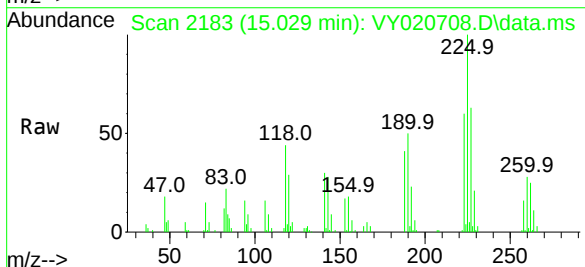
Tgt Ion:225 Resp: 18082

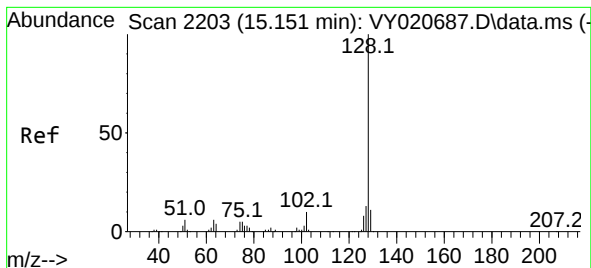
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.8

227 65.2 32.1 96.5





#95

Naphthalene

Concen: 18.968 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

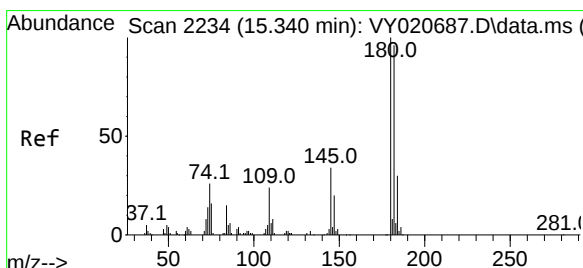
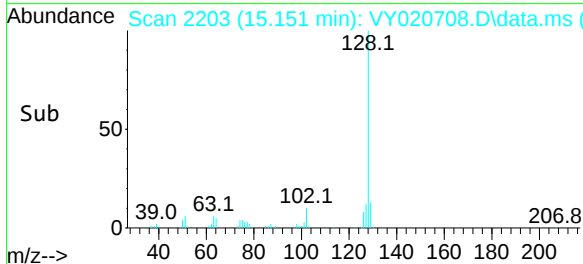
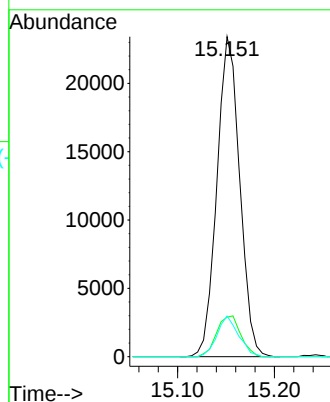
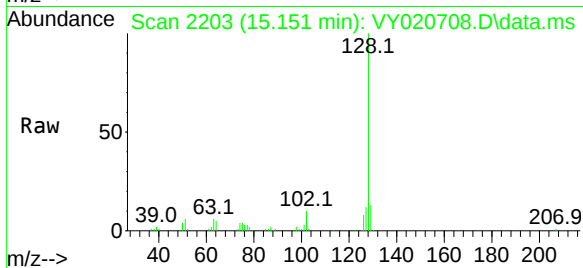
Tgt Ion:128 Resp: 38351

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.187 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020708.D

Acq: 26 Dec 2024 10:16

Tgt Ion:180 Resp: 20167

Ion Ratio Lower Upper

180 100

182 97.2 47.4 142.2

145 34.5 16.7 50.1

