

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020685.D
 Acq On : 23 Dec 2024 11:53
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 01 06:58:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 25 00:58:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	111827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	159520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	130271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	64596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	9094	9.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.360%#
35) Dibromofluoromethane	7.652	113	9131	9.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.500%#
50) Toluene-d8	10.115	98	28423	8.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	16.700%#
62) 4-Bromofluorobenzene	12.414	95	11910	9.618	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	19.240%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	8756	10.163	ug/l	94
3) Chloromethane	2.080	50	3683	10.493	ug/l	100
4) Vinyl Chloride	2.214	62	4383	10.243	ug/l	95
5) Bromomethane	2.611	94	2968	9.822	ug/l	87
6) Chloroethane	2.757	64	2564	9.859	ug/l	95
7) Trichlorofluoromethane	3.080	101	15364	9.984	ug/l	96
8) Diethyl Ether	3.470	74	3371	9.152	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.836	101	8635	10.276	ug/l	99
10) Methyl Iodide	4.031	142	9233	9.538	ug/l	99
11) Tert butyl alcohol	4.879	59	2501	31.545	ug/l	100
12) 1,1-Dichloroethene	3.812	96	7632	10.233	ug/l	89
13) Acrolein	3.671	56	1436	44.170	ug/l	98
14) Allyl chloride	4.403	41	8329	9.524	ug/l	97
15) Acrylonitrile	5.092	53	6244	45.990	ug/l #	77
16) Acetone	3.891	43	5438	48.071	ug/l	98
17) Carbon Disulfide	4.135	76	17169	9.234	ug/l	98
18) Methyl Acetate	4.409	43	2692	9.198	ug/l	94
19) Methyl tert-butyl Ether	5.135	73	19446	9.586	ug/l	99
20) Methylene Chloride	4.641	84	7734	10.260	ug/l	87
21) trans-1,2-Dichloroethene	5.135	96	7832	9.739	ug/l	92
22) Diisopropyl ether	6.037	45	18172	10.164	ug/l	96
23) Vinyl Acetate	5.982	43	50811	47.993	ug/l	98
24) 1,1-Dichloroethane	5.939	63	13038	9.782	ug/l	96
25) 2-Butanone	6.915	43	7804	49.109	ug/l	100
26) 2,2-Dichloropropane	6.909	77	17187	10.307	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	9288	9.697	ug/l	95
28) Bromochloromethane	7.268	49	2654	9.717	ug/l #	97
29) Tetrahydrofuran	7.281	42	4413	47.247	ug/l	94
30) Chloroform	7.439	83	17873	10.202	ug/l	99
31) Cyclohexane	7.713	56	12456	10.659	ug/l #	93
32) 1,1,1-Trichloroethane	7.634	97	18665	10.198	ug/l	98
36) 1,1-Dichloropropene	7.848	75	11409	10.021	ug/l	97
37) Ethyl Acetate	7.000	43	2884	7.450	ug/l #	88
38) Carbon Tetrachloride	7.829	117	18663	10.130	ug/l	93
39) Methylcyclohexane	9.116	83	14158	9.783	ug/l	99
40) Benzene	8.097	78	32524	9.902	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	1280	6.072	ug/l #	52
42) 1,2-Dichloroethane	8.171	62	10330	9.889	ug/l	98
43) Isopropyl Acetate	8.207	43	6937	8.970	ug/l	99
44) Trichloroethene	8.872	130	9764	10.017	ug/l	92
45) 1,2-Dichloropropane	9.152	63	6287	9.742	ug/l	90
46) Dibromomethane	9.238	93	4188	9.400	ug/l	98
47) Bromodichloromethane	9.439	83	12253	9.696	ug/l	97
48) Methyl methacrylate	9.231	41	3454	9.422	ug/l	91
49) 1,4-Dioxane	9.238	88	735	175.897	ug/l #	79
51) 4-Methyl-2-Pentanone	10.012	43	17723	45.877	ug/l	100
52) Toluene	10.182	92	21930	9.805	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	10315	9.224	ug/l	94
54) cis-1,3-Dichloropropene	9.865	75	11785	9.564	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	5597	9.703	ug/l	95
56) Ethyl methacrylate	10.445	69	6394	8.689	ug/l	98
57) 1,3-Dichloropropane	10.725	76	9135	9.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	11423	41.542	ug/l	100
59) 2-Hexanone	10.768	43	10688	43.435	ug/l	95
60) Dibromochloromethane	10.920	129	8643	9.384	ug/l	100
61) 1,2-Dibromoethane	11.024	107	5475	10.124	ug/l	91
64) Tetrachloroethene	10.658	164	8830	10.206	ug/l	97
65) Chlorobenzene	11.451	112	24287	9.977	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.524	131	9578	10.075	ug/l	99
67) Ethyl Benzene	11.530	91	44246	10.131	ug/l	97
68) m/p-Xylenes	11.640	106	33608	20.179	ug/l	97
69) o-Xylene	11.963	106	15881	10.151	ug/l	100
70) Styrene	11.981	104	26723	10.155	ug/l	98
71) Bromoform	12.139	173	5082	9.333	ug/l #	100
73) Isopropylbenzene	12.261	105	44119	10.041	ug/l	99
74) N-amyl acetate	12.078	43	5311	8.602	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	5736	10.145	ug/l	96
76) 1,2,3-Trichloropropane	12.566	75	8206	18.421	ug/l #	100
77) Bromobenzene	12.542	156	10068	10.063	ug/l	97
78) n-propylbenzene	12.603	91	50644	10.224	ug/l	100
79) 2-Chlorotoluene	12.688	91	28781	10.206	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	36685	10.066	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.316	75	1974	9.632	ug/l	97
82) 4-Chlorotoluene	12.786	91	28608	9.947	ug/l	100
83) tert-Butylbenzene	13.005	119	33707	9.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	35512	9.975	ug/l	96
85) sec-Butylbenzene	13.182	105	45121	9.882	ug/l	100
86) p-Isopropyltoluene	13.298	119	38967	9.762	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	19361	9.961	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	19190	10.077	ug/l	96
89) n-Butylbenzene	13.627	91	32356	9.622	ug/l	100
90) Hexachloroethane	13.889	117	7462	9.854	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	16674	9.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	1036	9.616	ug/l	84
93) 1,2,4-Trichlorobenzene	14.932	180	8620	8.704	ug/l	99
94) Hexachlorobutadiene	15.029	225	6847	9.286	ug/l	97
95) Naphthalene	15.157	128	12784	9.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	7047	8.512	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Dec 25 00:58:45 2024
Response via : Initial Calibration

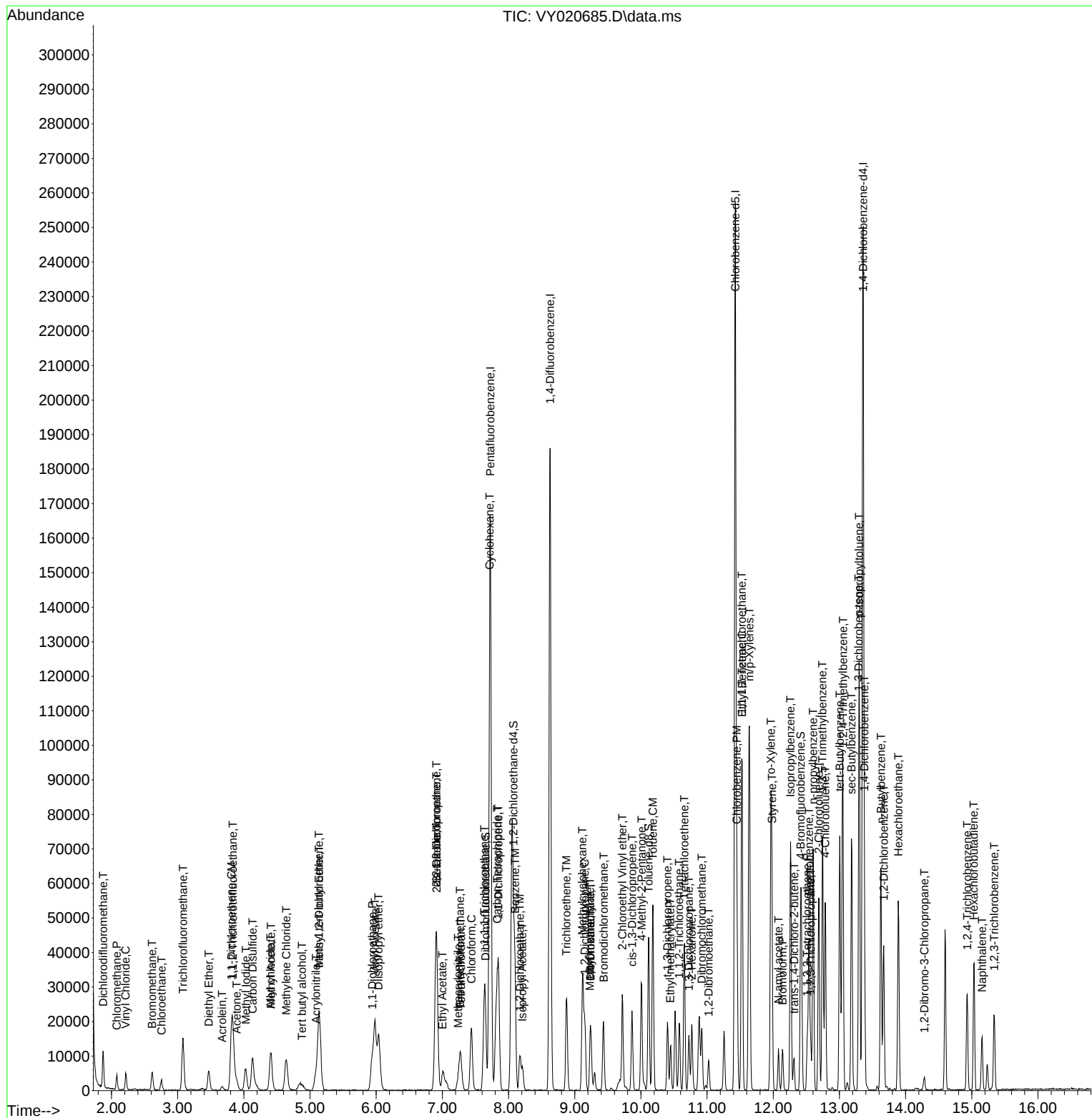
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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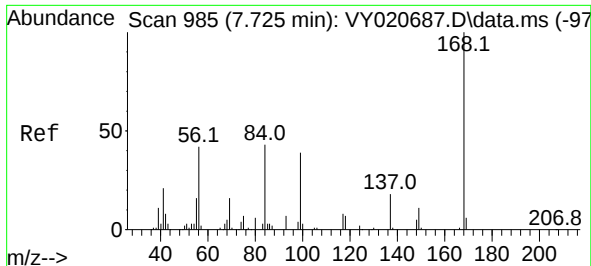
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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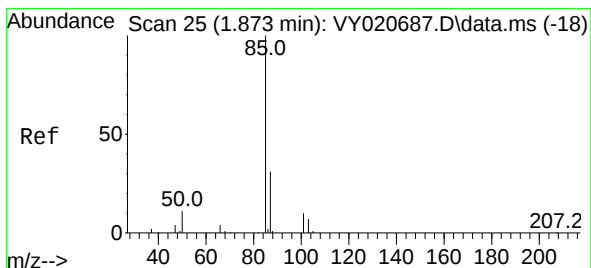
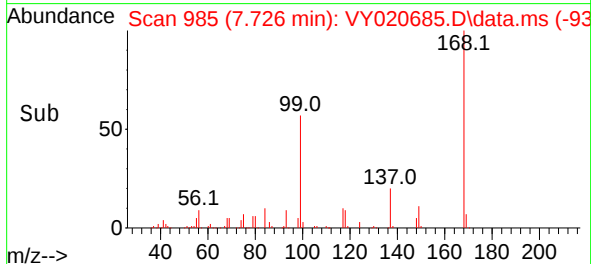
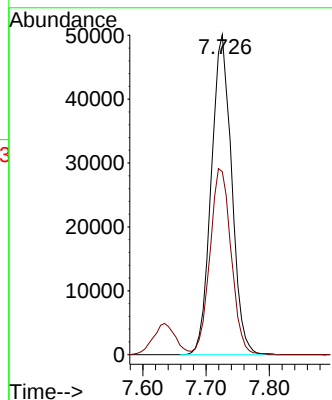
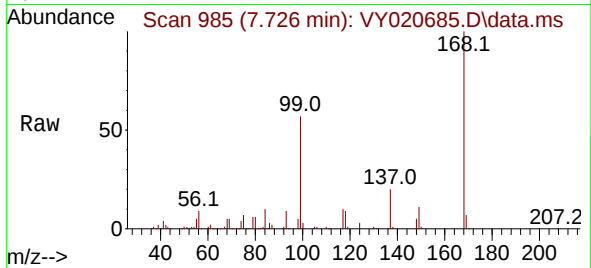




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY020685.D
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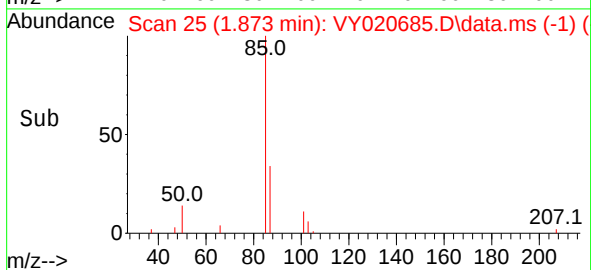
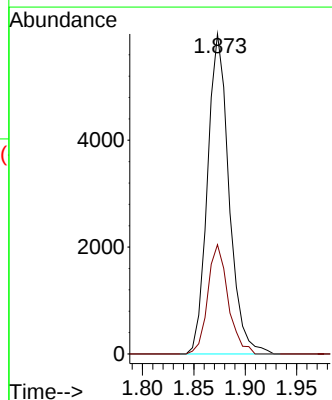
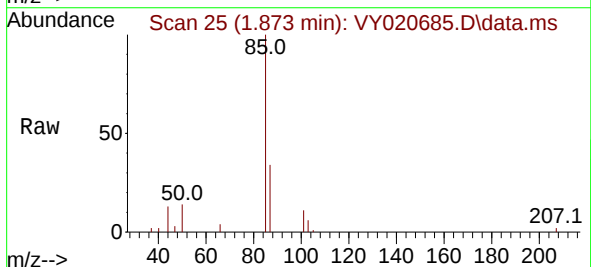
Instrument :
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ClientSampleId :
VSTDIC010

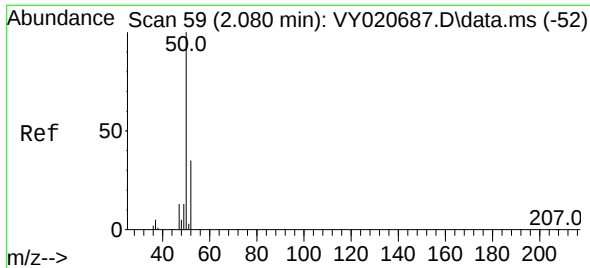
Tgt Ion:168 Resp: 111827
Ion Ratio Lower Upper
168 100
99 57.2 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 10.163 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 85 Resp: 8756
Ion Ratio Lower Upper
85 100
87 34.1 15.4 46.4

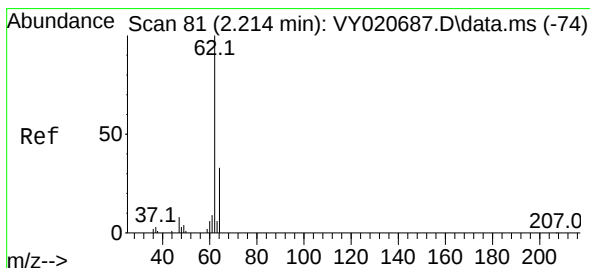
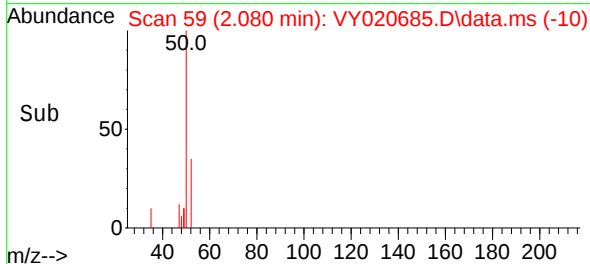
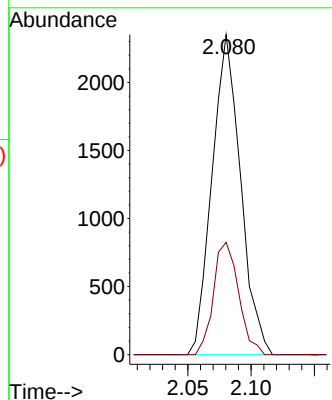
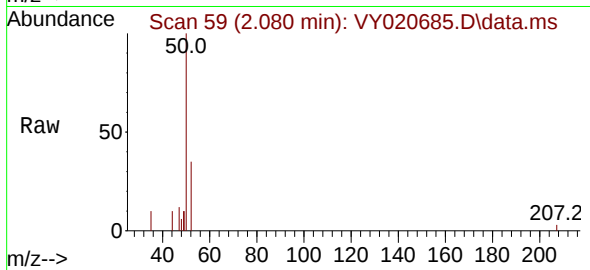




#3
Chloromethane
Concen: 10.493 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

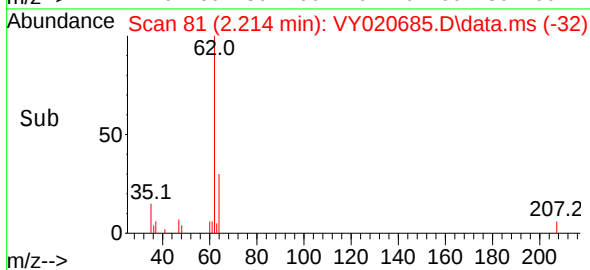
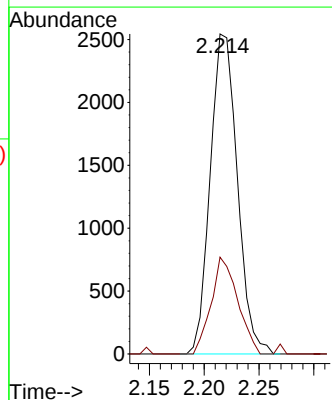
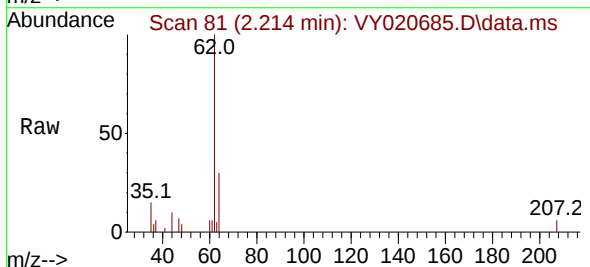
Instrument :
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ClientSampleId :
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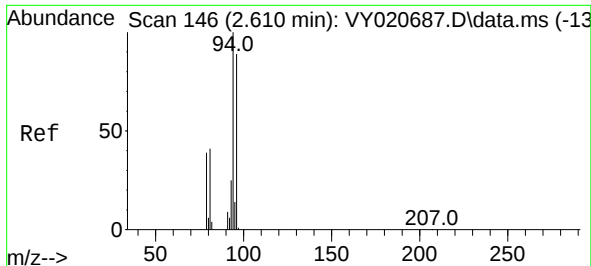
Tgt Ion: 50 Resp: 3683
Ion Ratio Lower Upper
50 100
52 35.1 28.2 42.2



#4
Vinyl Chloride
Concen: 10.243 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 62 Resp: 4383
Ion Ratio Lower Upper
62 100
64 30.3 26.6 40.0

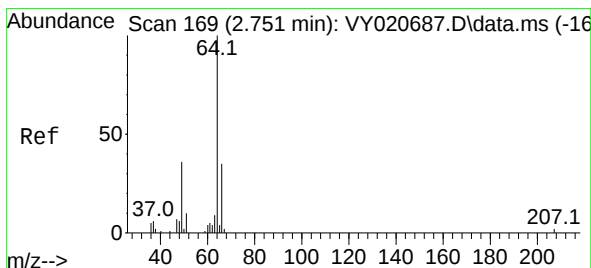
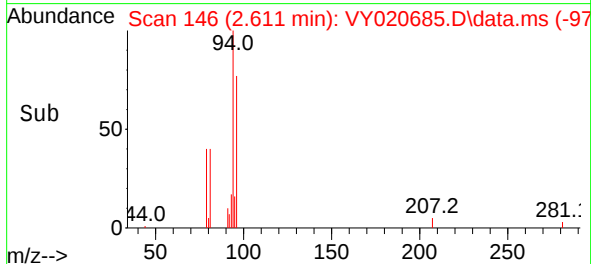
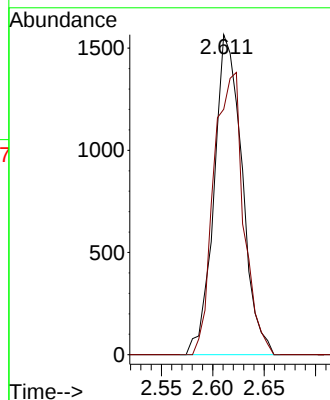
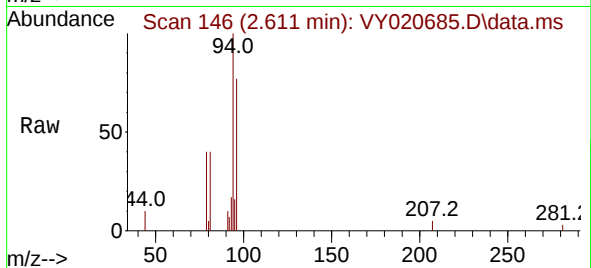




#5
Bromomethane
Concen: 9.822 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

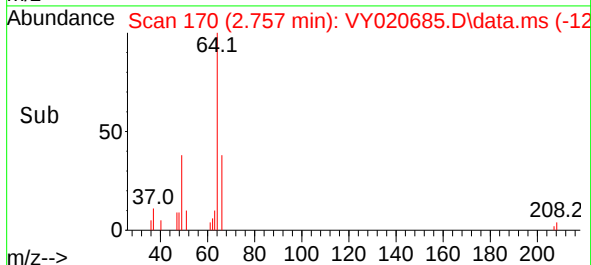
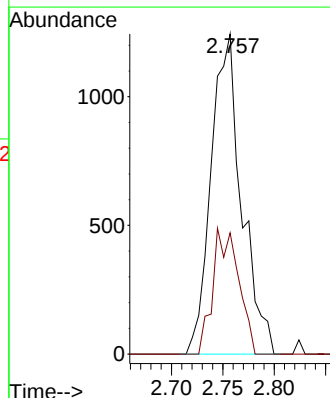
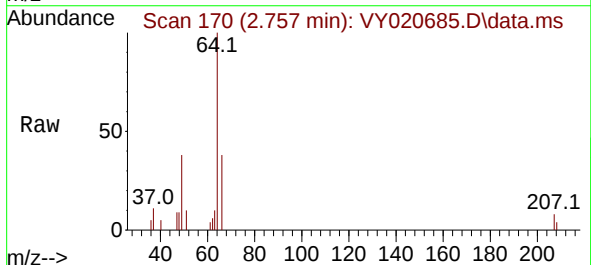
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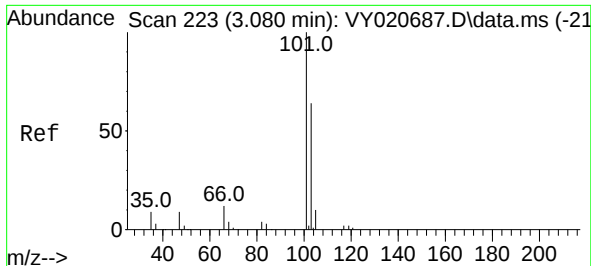
Tgt Ion: 94 Resp: 2968
Ion Ratio Lower Upper
94 100
96 76.7 71.0 106.6



#6
Chloroethane
Concen: 9.859 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 64 Resp: 2564
Ion Ratio Lower Upper
64 100
66 37.9 27.8 41.8

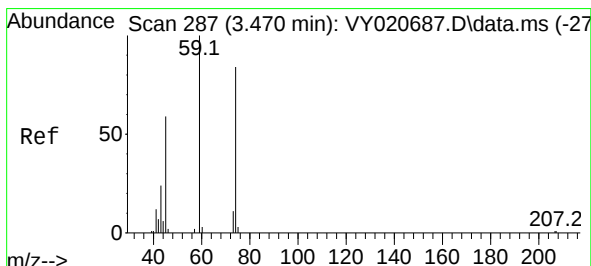
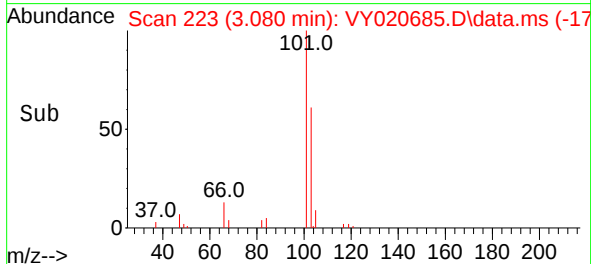
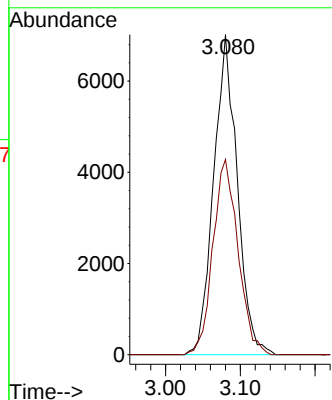
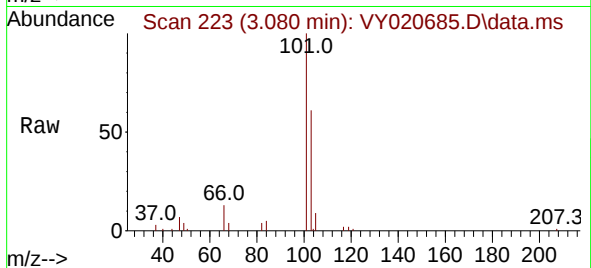




#7
 Trichlorofluoromethane
 Concen: 9.984 ug/l
 RT: 3.080 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020685.D
 Acq: 23 Dec 2024 11:53

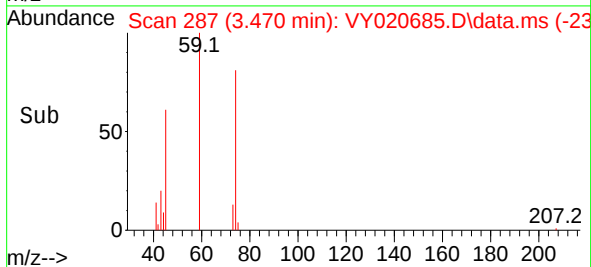
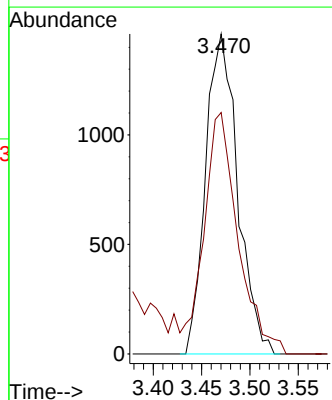
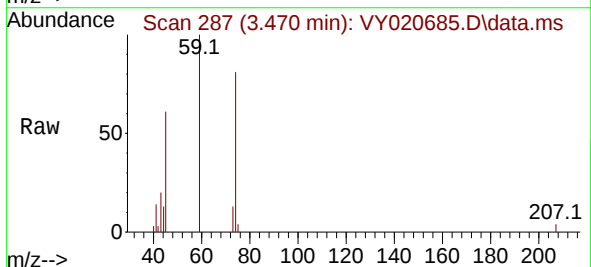
Instrument :
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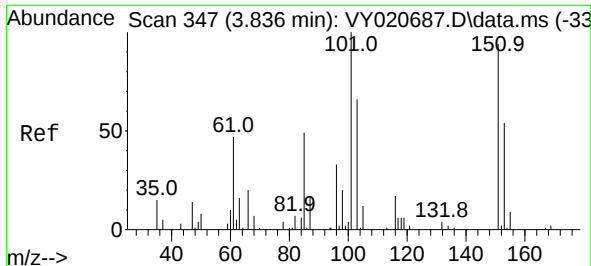
Tgt Ion:101 Resp: 15364
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 9.152 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.000 min
 Lab File: VY020685.D
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Tgt Ion: 74 Resp: 3371
 Ion Ratio Lower Upper
 74 100
 45 79.9 35.8 107.4

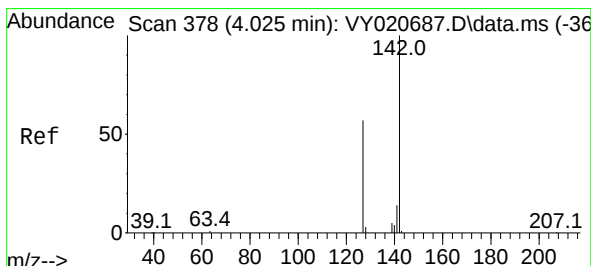
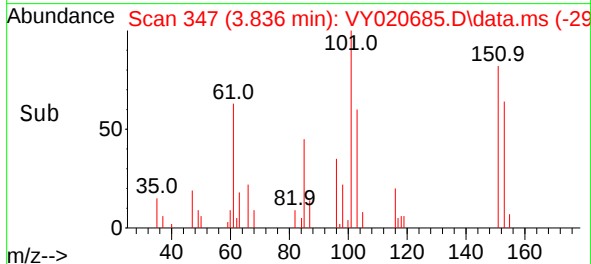
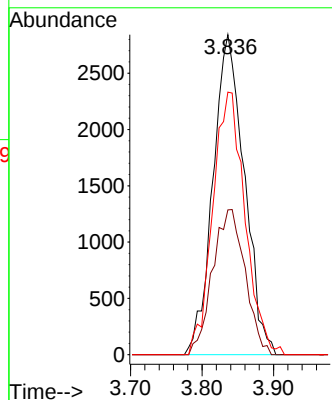
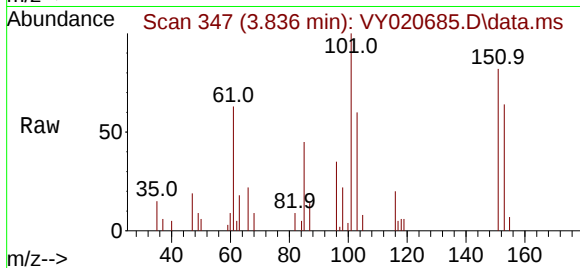




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.276 ug/l
RT: 3.836 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

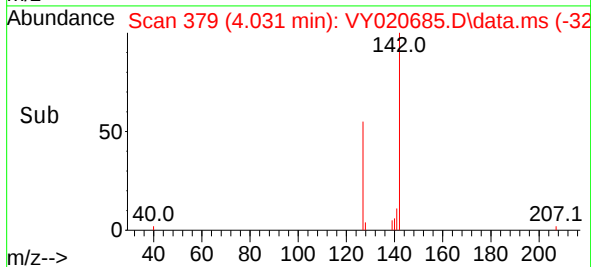
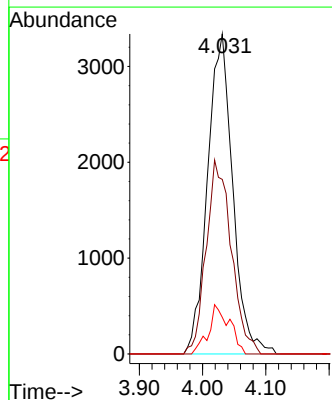
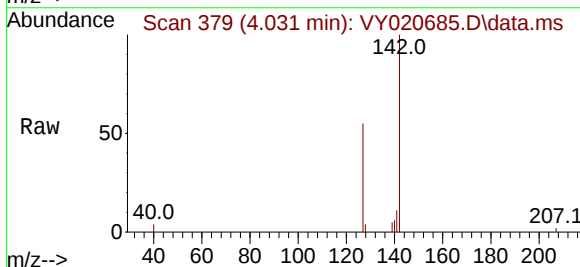
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

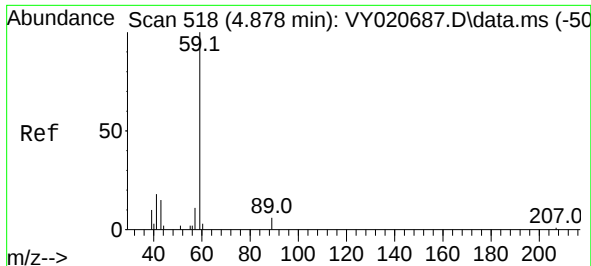
Tgt Ion:101 Resp: 8635
Ion Ratio Lower Upper
101 100
85 47.1 38.2 57.2
151 84.4 68.4 102.6



#10
Methyl Iodide
Concen: 9.538 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion:142 Resp: 9233
Ion Ratio Lower Upper
142 100
127 60.6 48.8 73.2
141 12.8 11.9 17.9





#11

Tert butyl alcohol

Concen: 31.545 ug/l

RT: 4.879 min Scan# 518

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

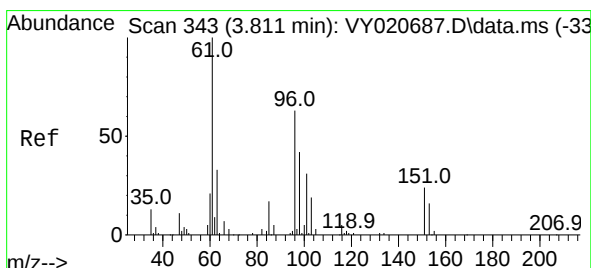
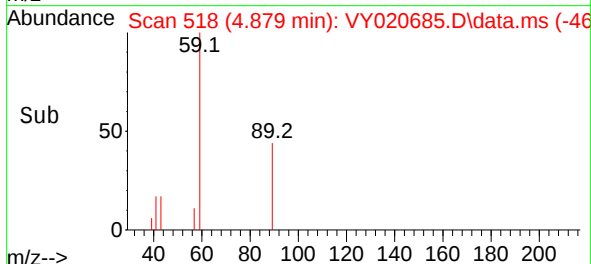
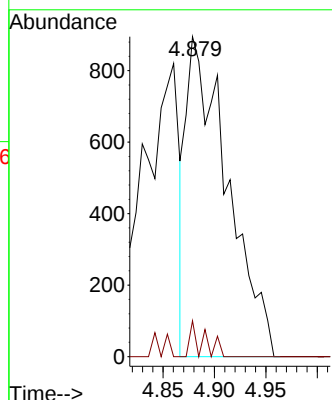
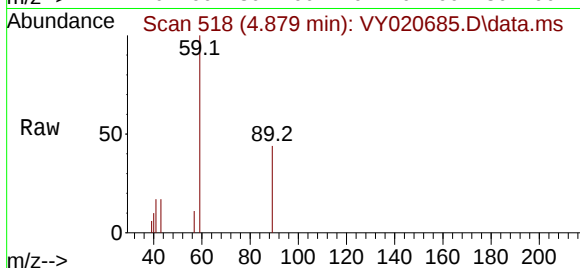
VSTDIC010

Tgt Ion: 59 Resp: 2501

Ion Ratio Lower Upper

59 100

57 3.4 2.8 4.2



#12

1,1-Dichloroethene

Concen: 10.233 ug/l

RT: 3.812 min Scan# 343

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

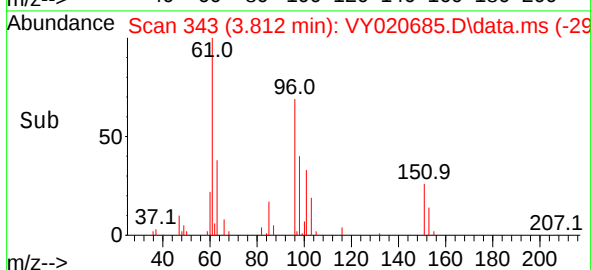
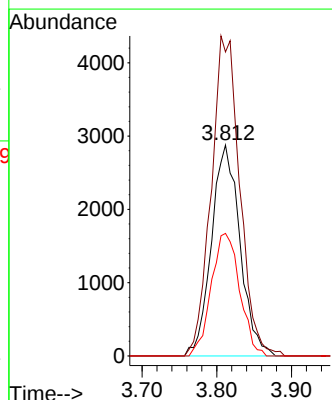
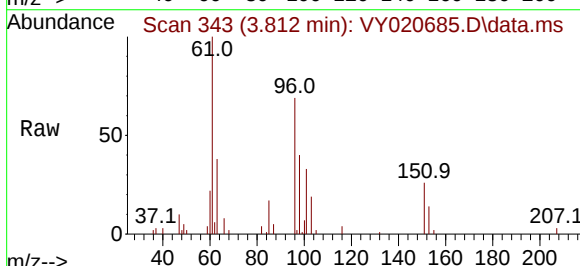
Tgt Ion: 96 Resp: 7632

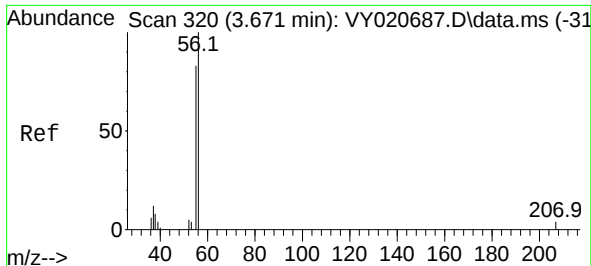
Ion Ratio Lower Upper

96 100

61 144.1 127.1 190.7

98 58.1 53.4 80.0

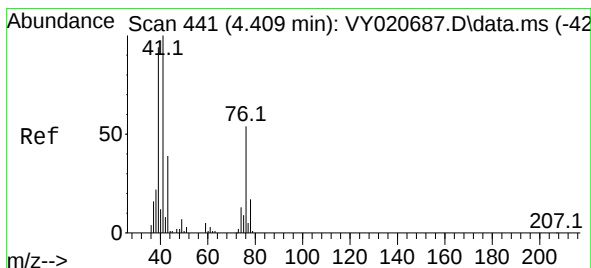
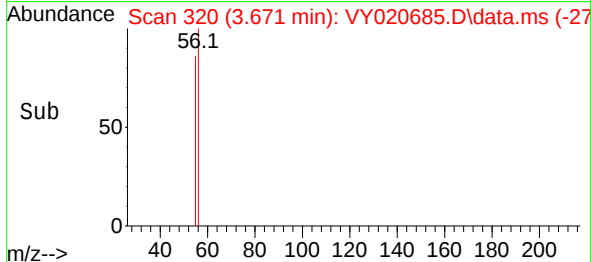
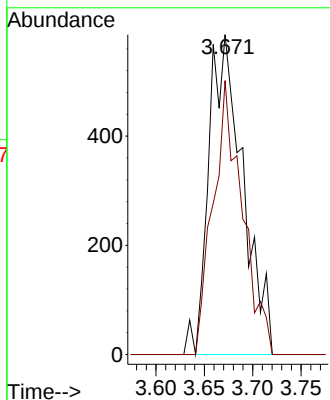
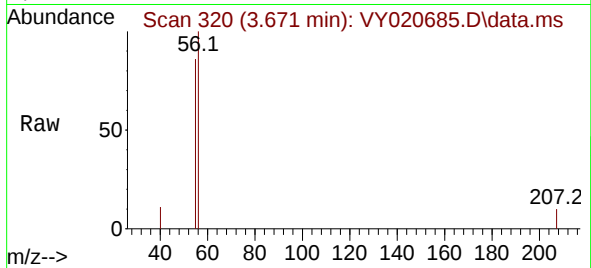




#13
Acrolein
Concen: 44.170 ug/l
RT: 3.671 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

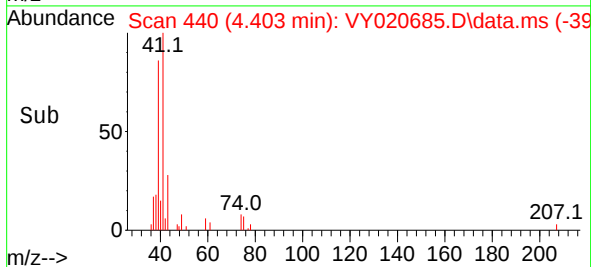
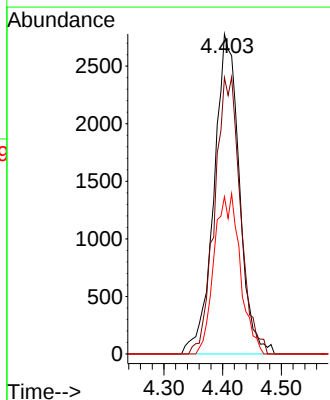
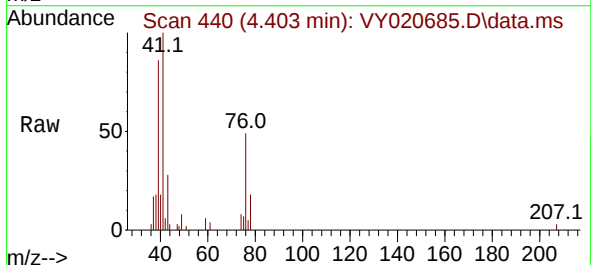
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

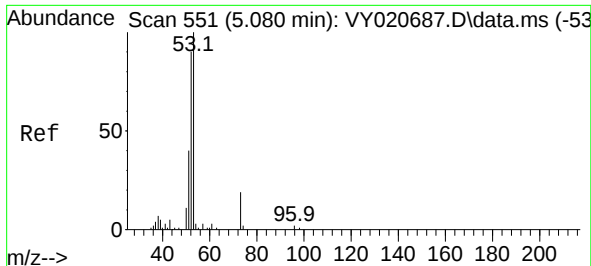
Tgt Ion: 56 Resp: 1436
Ion Ratio Lower Upper
56 100
55 73.2 57.0 85.4



#14
Allyl chloride
Concen: 9.524 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 41 Resp: 8329
Ion Ratio Lower Upper
41 100
39 87.6 73.5 110.3
76 51.1 41.8 62.8





#15

Acrylonitrile

Concen: 45.990 ug/l

RT: 5.092 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

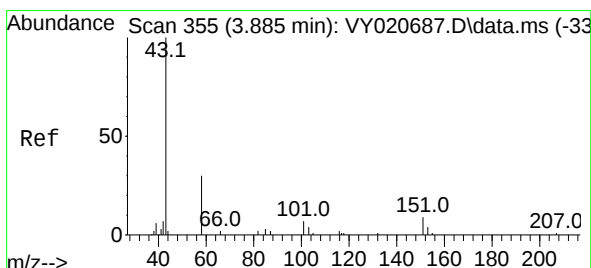
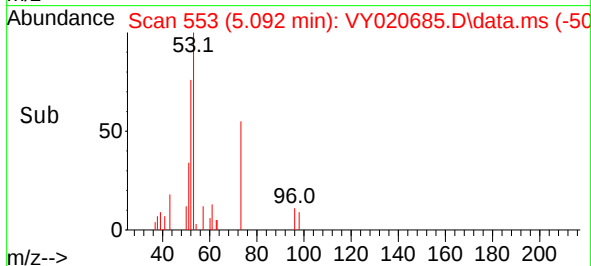
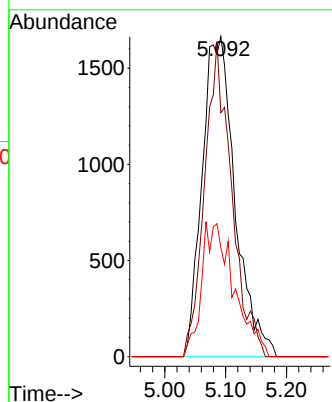
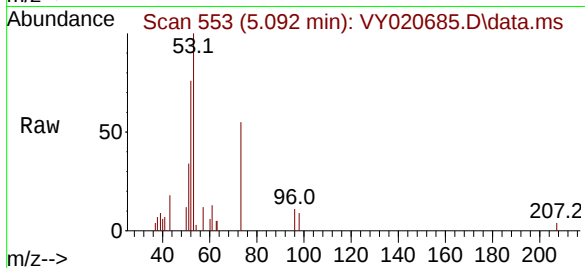
Tgt Ion: 53 Resp: 6244

Ion Ratio Lower Upper

53 100

52 80.7 67.1 100.7

51 0.0 31.4 47.0#



#16

Acetone

Concen: 48.071 ug/l

RT: 3.891 min Scan# 356

Delta R.T. 0.006 min

Lab File: VY020685.D

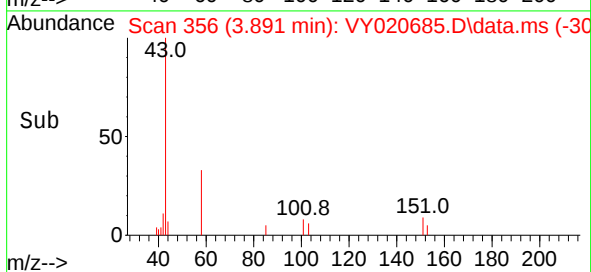
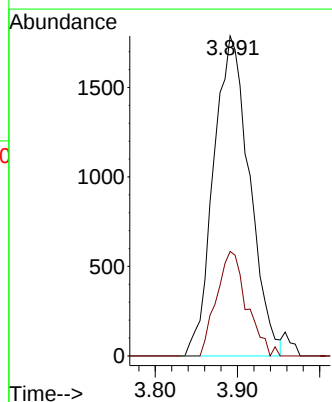
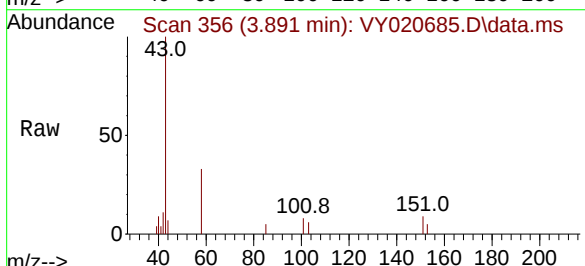
Acq: 23 Dec 2024 11:53

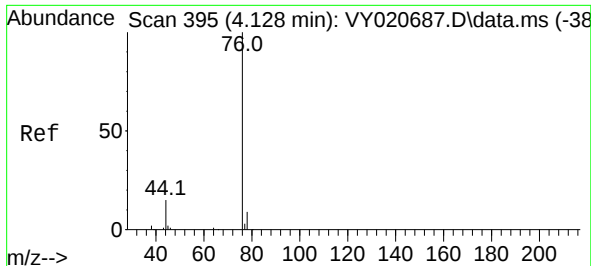
Tgt Ion: 43 Resp: 5438

Ion Ratio Lower Upper

43 100

58 32.7 25.0 37.6





#17

Carbon Disulfide

Concen: 9.234 ug/l

RT: 4.135 min Scan# 395

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

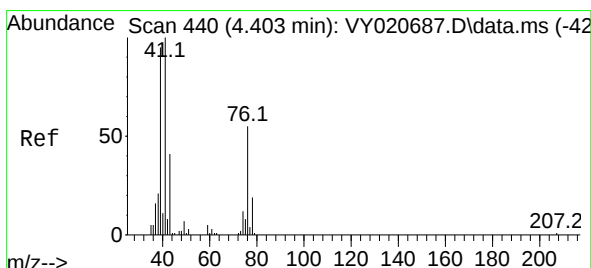
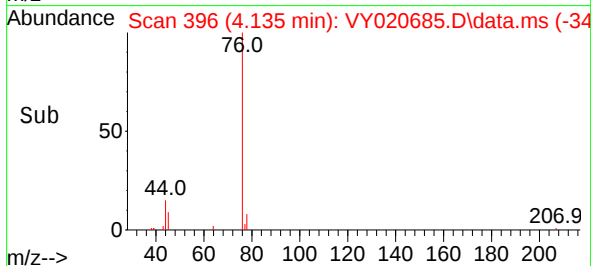
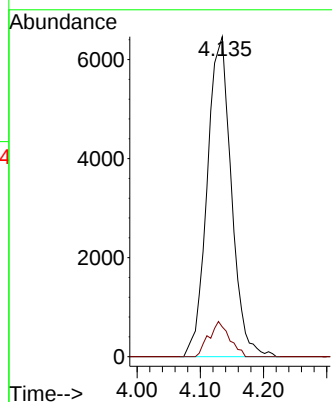
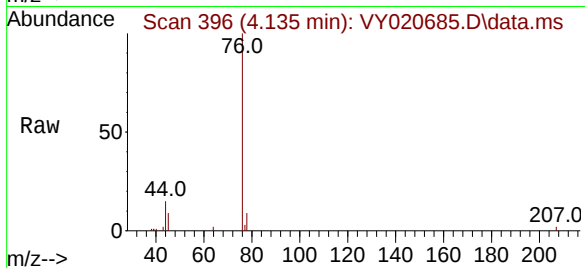
VSTDIC010

Tgt Ion: 76 Resp: 17169

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3



#18

Methyl Acetate

Concen: 9.198 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.006 min

Lab File: VY020685.D

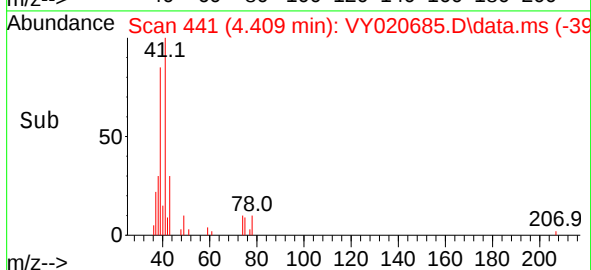
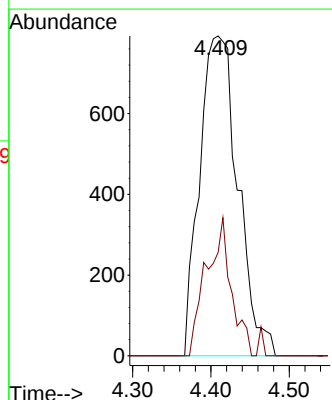
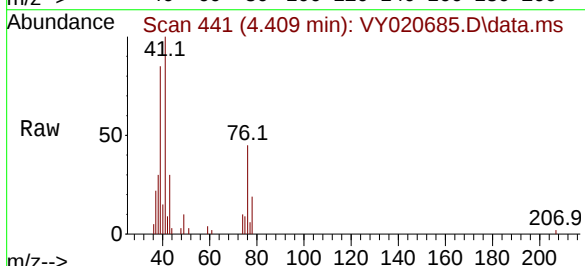
Acq: 23 Dec 2024 11:53

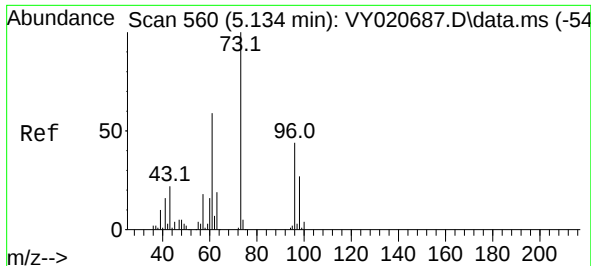
Tgt Ion: 43 Resp: 2692

Ion Ratio Lower Upper

43 100

74 28.2 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 9.586 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

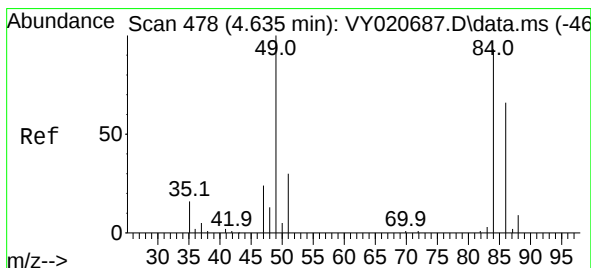
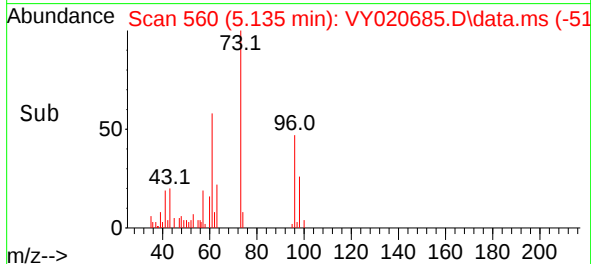
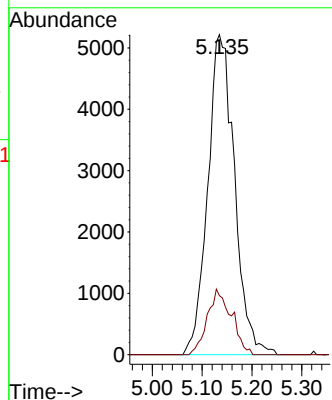
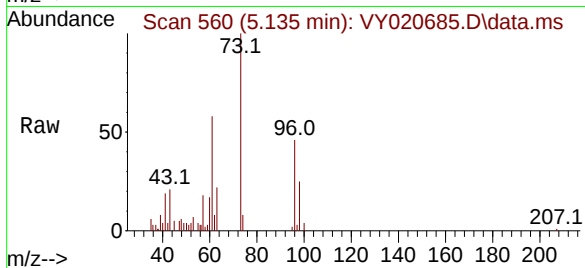
VSTDIC010

Tgt Ion: 73 Resp: 19446

Ion Ratio Lower Upper

73 100

57 18.4 14.4 21.6



#20

Methylene Chloride

Concen: 10.260 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Tgt Ion: 84 Resp: 7734

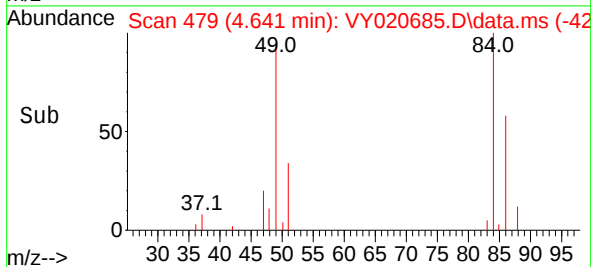
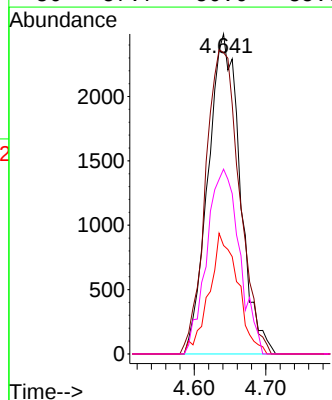
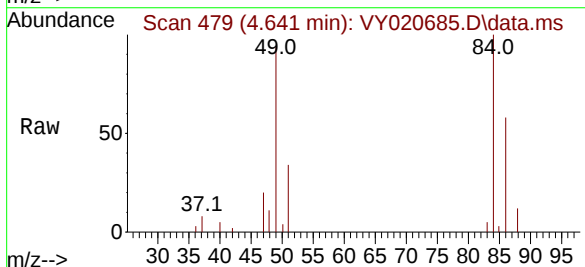
Ion Ratio Lower Upper

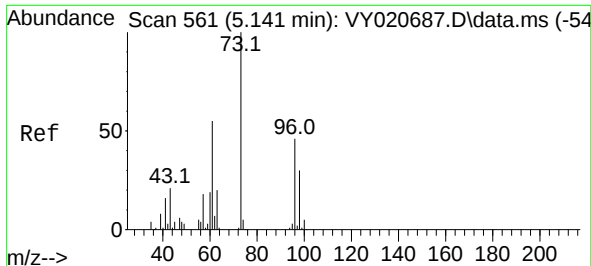
84 100

49 94.2 86.4 129.6

51 33.9 25.5 38.3

86 57.7 56.6 85.0

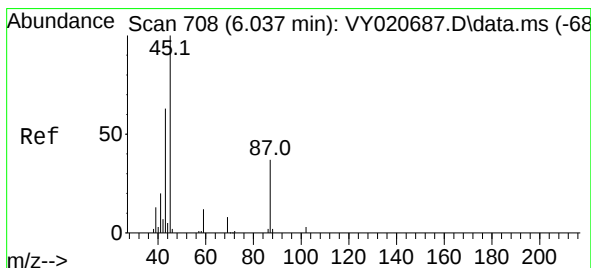
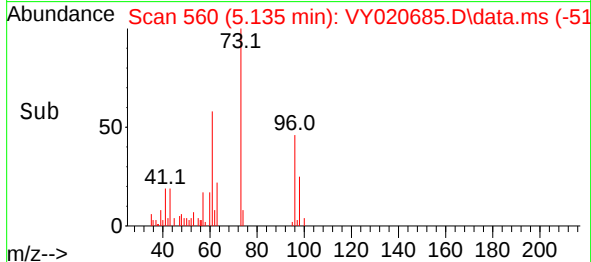
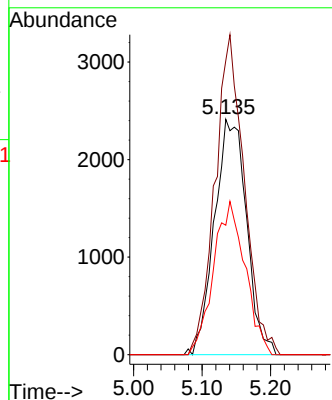
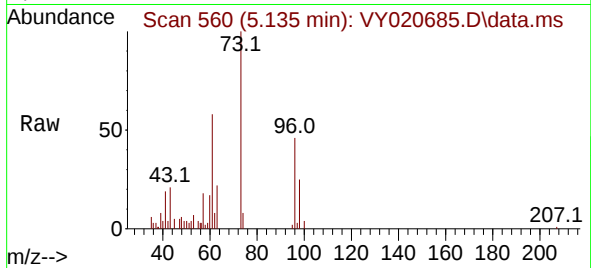




#21
trans-1,2-Dichloroethene
Concen: 9.739 ug/l
RT: 5.135 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

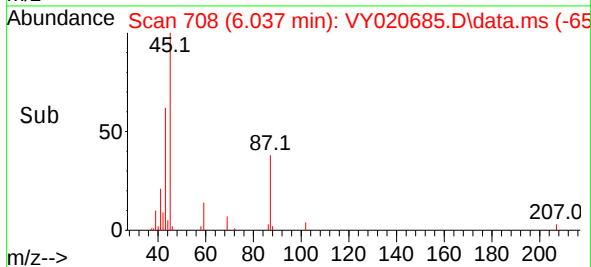
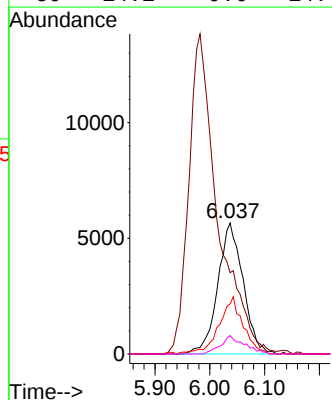
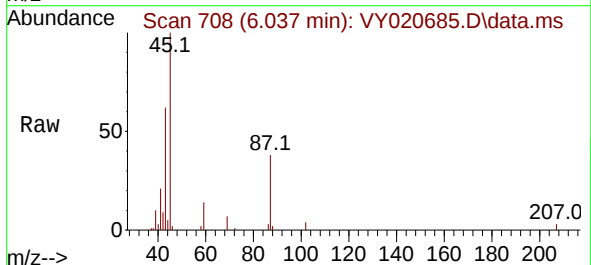
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

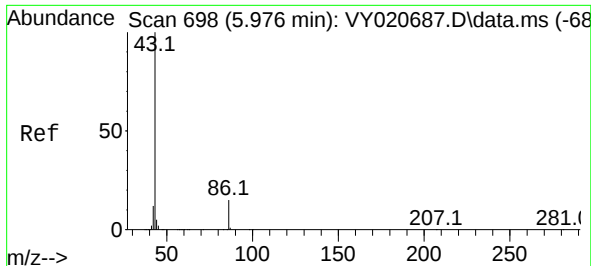
Tgt Ion: 96 Resp: 7832
Ion Ratio Lower Upper
96 100
61 124.9 96.1 144.1
98 55.0 52.7 79.1



#22
Diisopropyl ether
Concen: 10.164 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 45 Resp: 18172
Ion Ratio Lower Upper
45 100
43 59.6 51.3 76.9
87 38.2 30.6 46.0
59 14.1 9.6 14.4

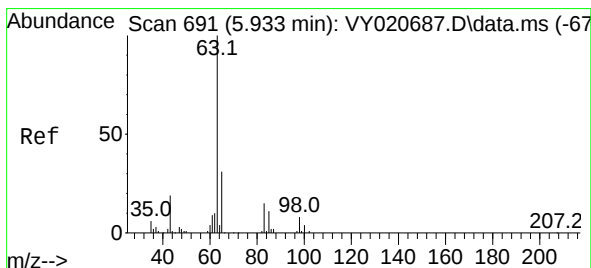
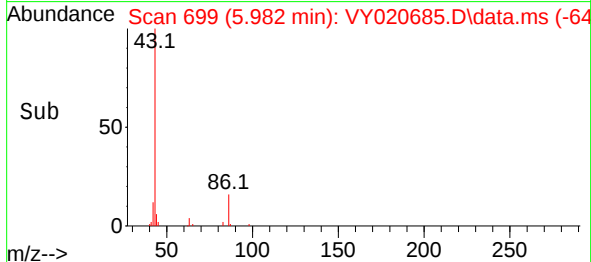
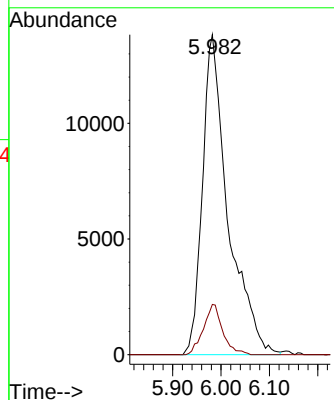
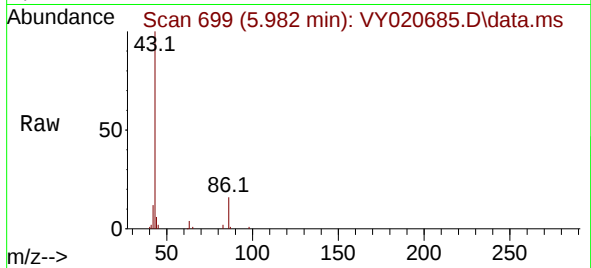




#23
Vinyl Acetate
Concen: 47.993 ug/l
RT: 5.982 min Scan# 698
Delta R.T. 0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

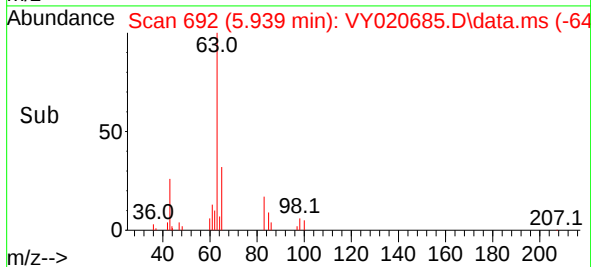
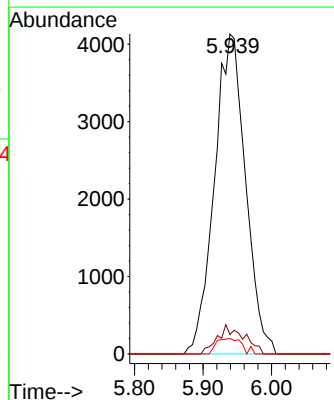
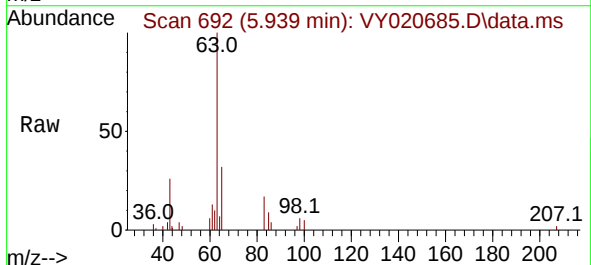
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

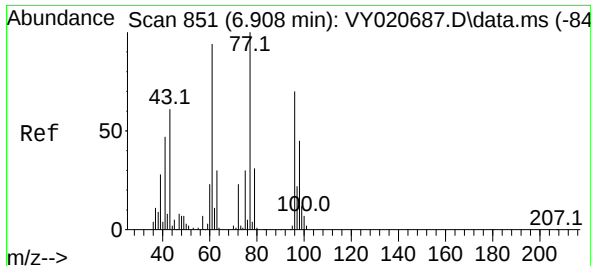
Tgt Ion: 43 Resp: 50811
Ion Ratio Lower Upper
43 100
86 15.7 12.0 18.0



#24
1,1-Dichloroethane
Concen: 9.782 ug/l
RT: 5.939 min Scan# 692
Delta R.T. 0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 63 Resp: 13038
Ion Ratio Lower Upper
63 100
98 6.1 4.0 12.0
100 4.8 2.1 6.2





#25

2-Butanone

Concen: 49.109 ug/l

RT: 6.915 min Scan# 852

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

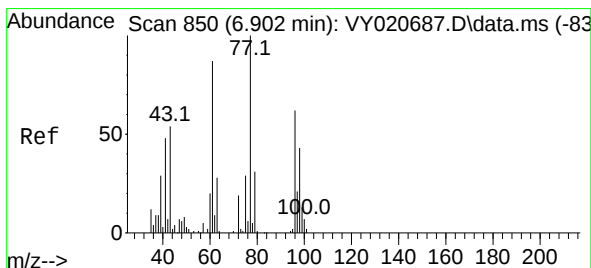
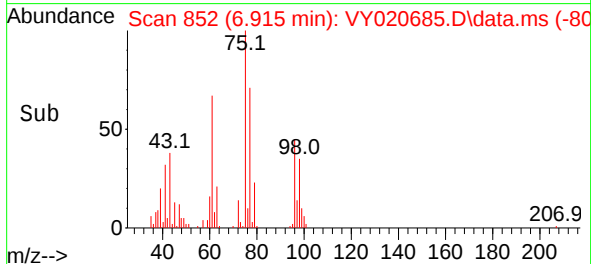
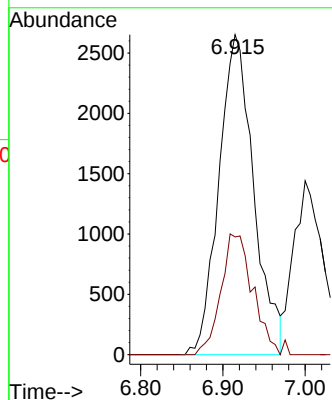
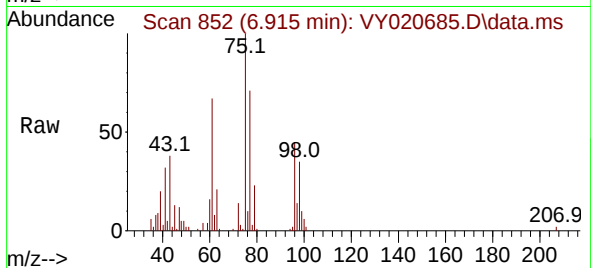
VSTDIC010

Tgt Ion: 43 Resp: 7804

Ion Ratio Lower Upper

43 100

72 36.8 29.5 44.3



#26

2,2-Dichloropropane

Concen: 10.307 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY020685.D

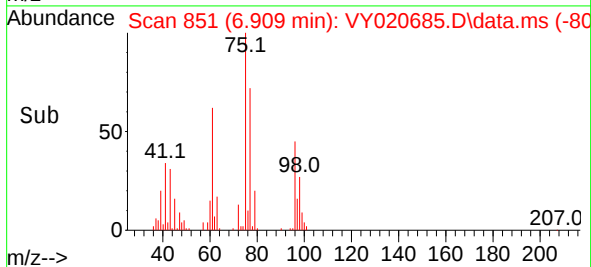
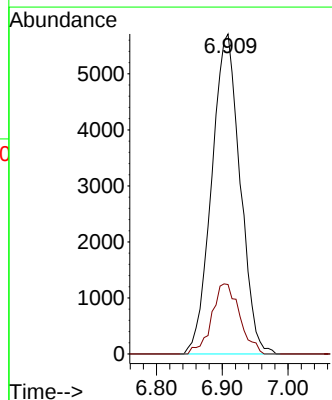
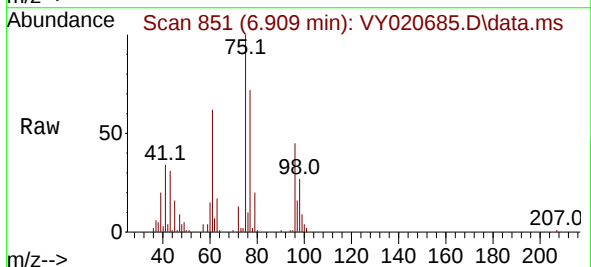
Acq: 23 Dec 2024 11:53

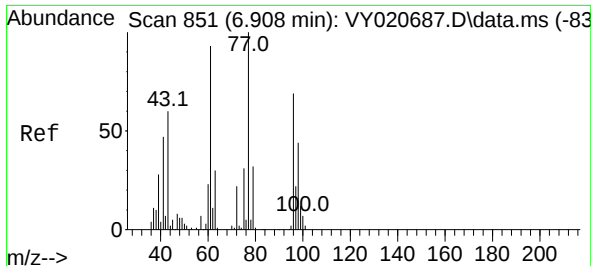
Tgt Ion: 77 Resp: 17187

Ion Ratio Lower Upper

77 100

97 21.5 10.8 32.4

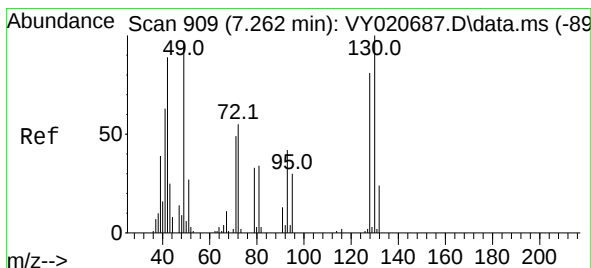
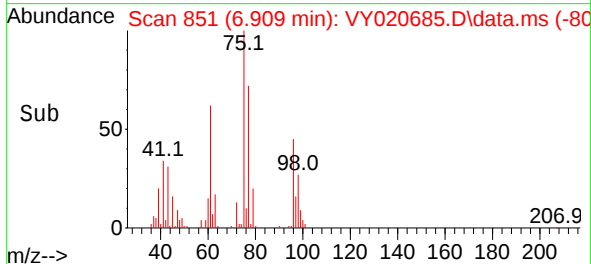
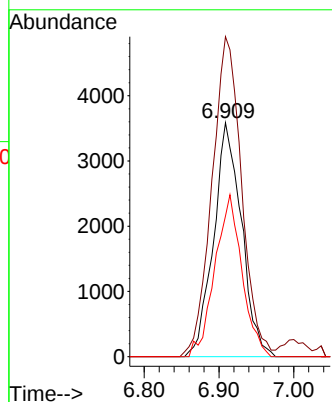
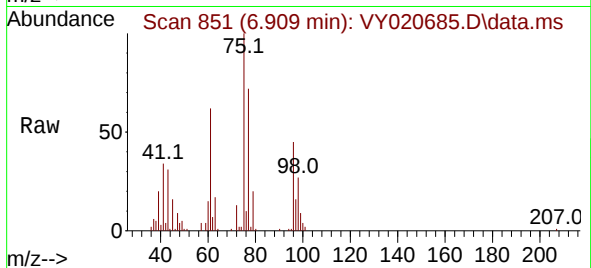




#27
 cis-1,2-Dichloroethene
 Concen: 9.697 ug/l
 RT: 6.909 min Scan# 851
 Delta R.T. 0.000 min
 Lab File: VY020685.D
 Acq: 23 Dec 2024 11:53

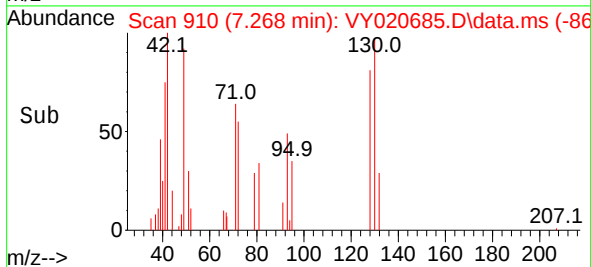
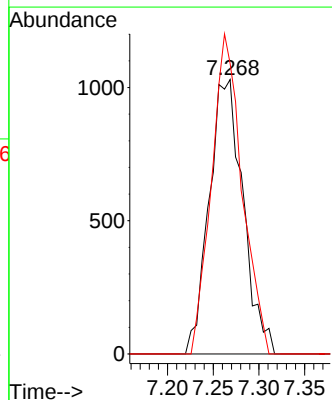
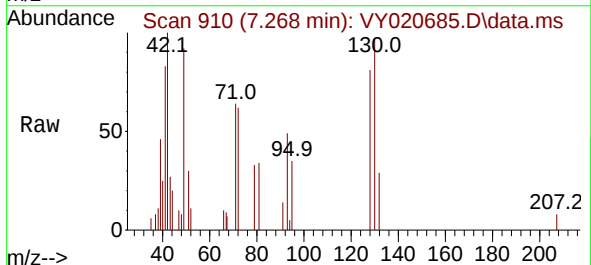
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

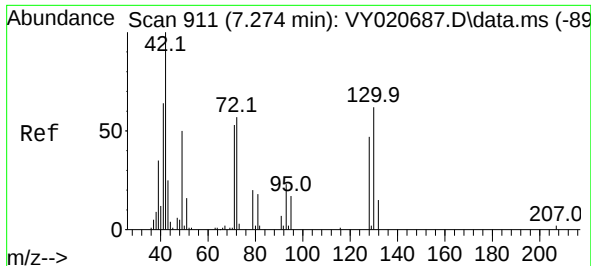
Tgt Ion: 96 Resp: 9288
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 277.2
 98 67.4 0.0 131.0



#28
 Bromochloromethane
 Concen: 9.717 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.006 min
 Lab File: VY020685.D
 Acq: 23 Dec 2024 11:53

Tgt Ion: 49 Resp: 2654
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.4
 130 105.8 87.2 130.8





#29

Tetrahydrofuran

Concen: 47.247 ug/l

RT: 7.281 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

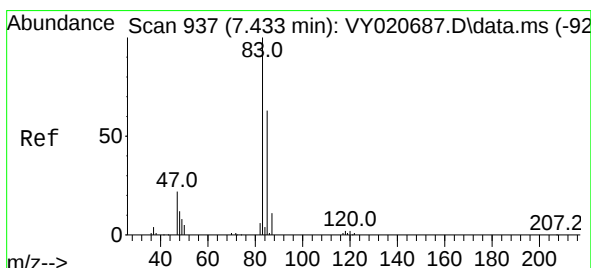
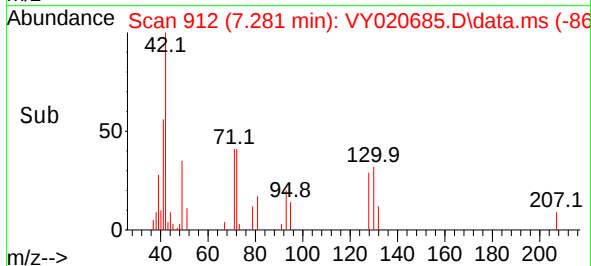
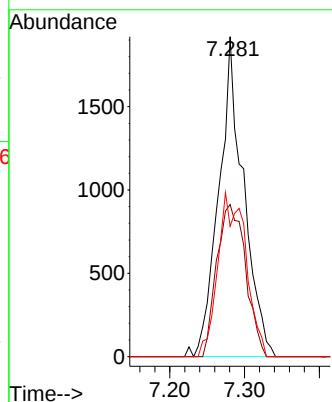
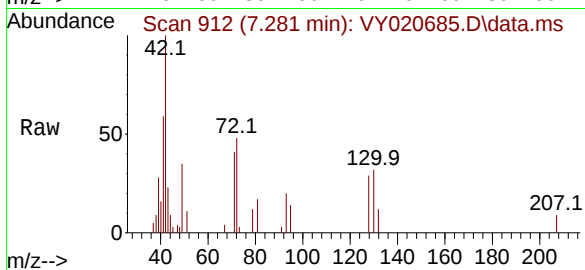
Tgt Ion: 42 Resp: 4413

Ion Ratio Lower Upper

42 100

72 55.4 47.4 71.0

71 58.0 42.8 64.2



#30

Chloroform

Concen: 10.202 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.006 min

Lab File: VY020685.D

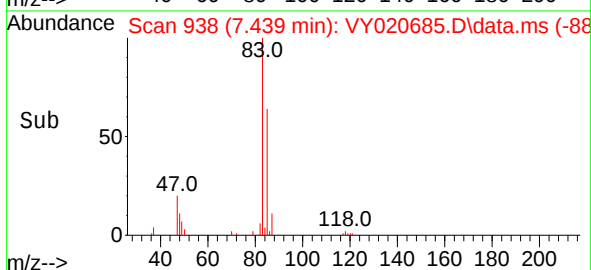
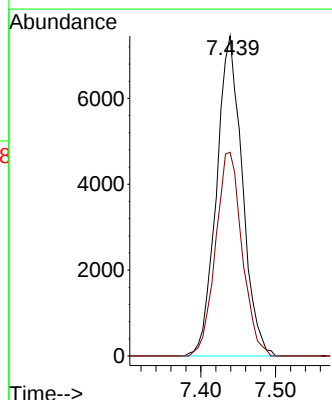
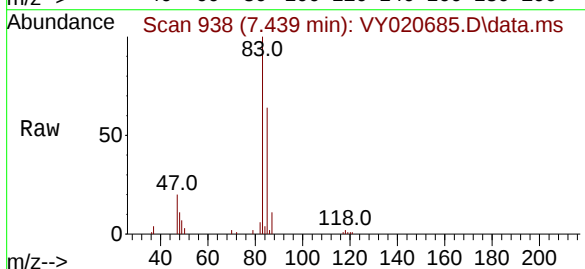
Acq: 23 Dec 2024 11:53

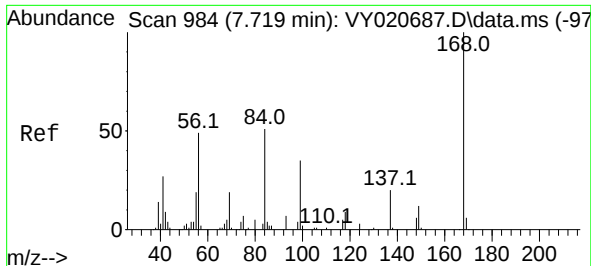
Tgt Ion: 83 Resp: 17873

Ion Ratio Lower Upper

83 100

85 63.6 50.2 75.2

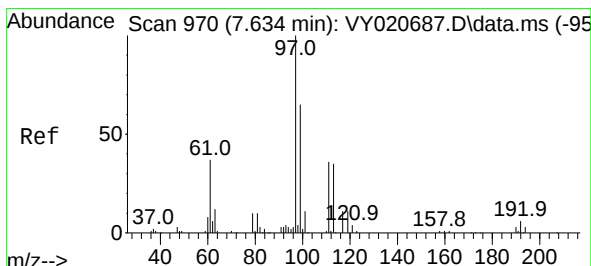
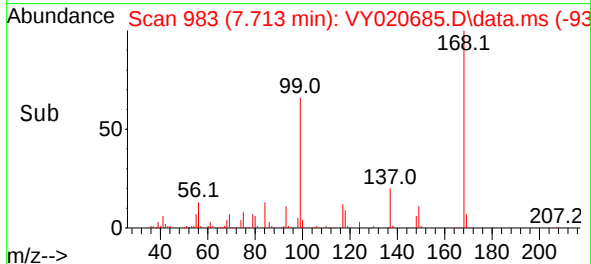
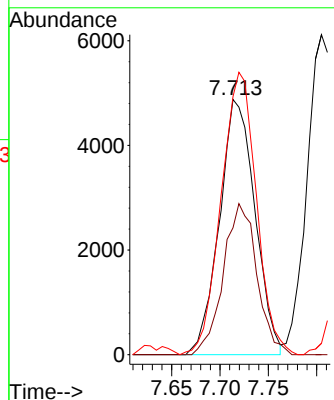
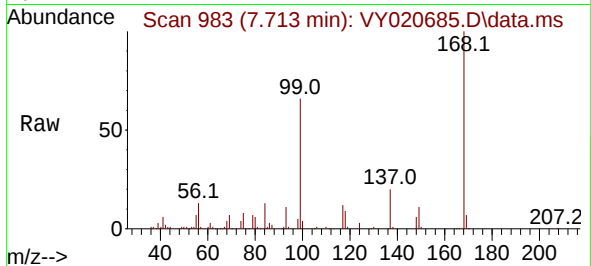




#31
Cyclohexane
Concen: 10.659 ug/l
RT: 7.713 min Scan# 984
Delta R.T. -0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

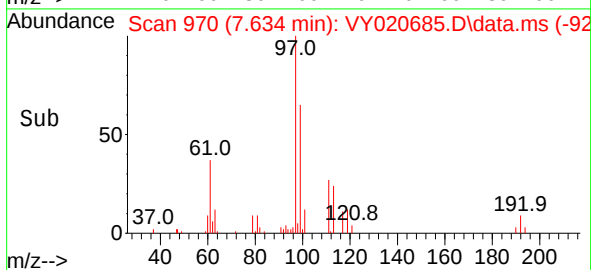
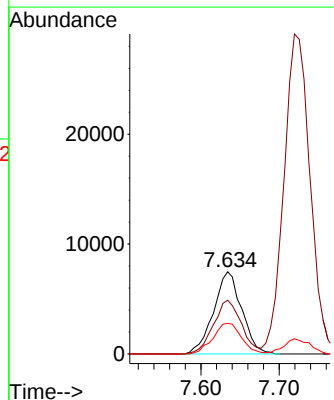
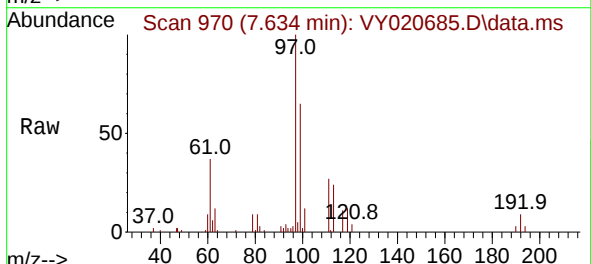
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

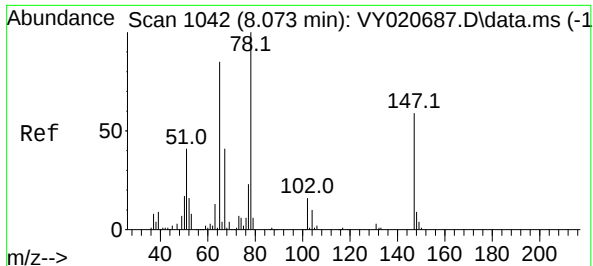
Tgt Ion: 56 Resp: 12456
Ion Ratio Lower Upper
56 100
69 49.7 31.3 46.9#
84 101.1 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 10.198 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 97 Resp: 18665
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.6
61 37.9 30.0 45.0

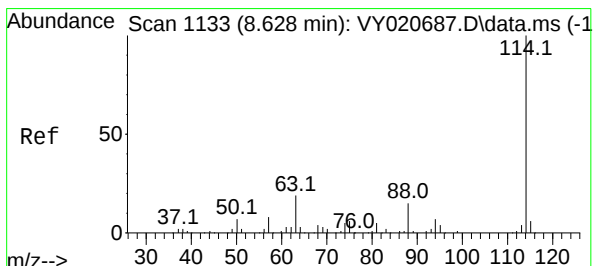
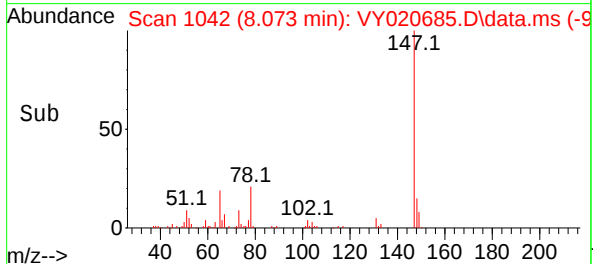
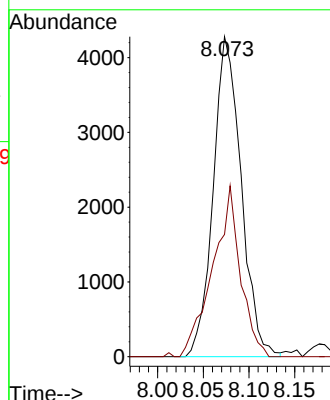
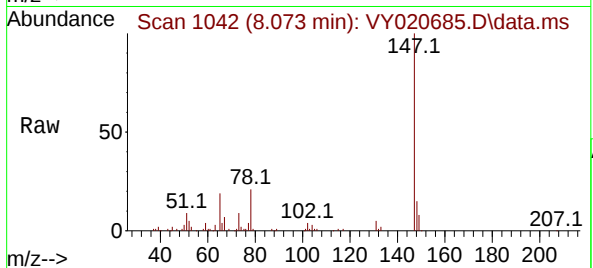




#33
 1,2-Dichloroethane-d4
 Concen: 9.182 ug/l
 RT: 8.073 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY020685.D
 Acq: 23 Dec 2024 11:53

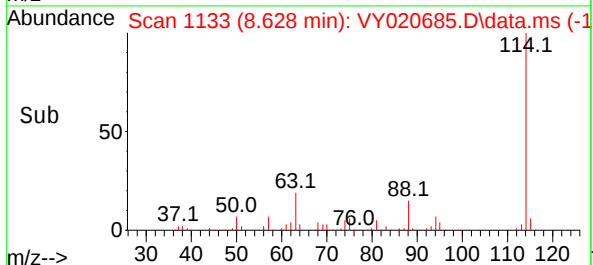
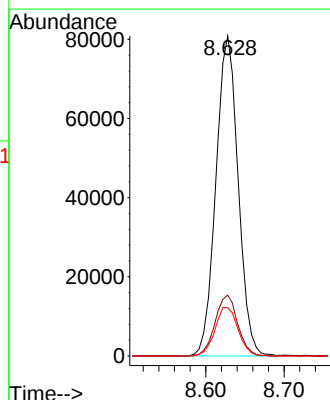
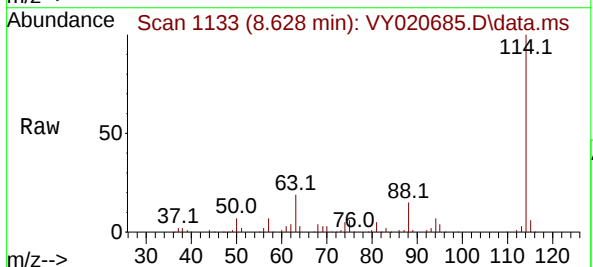
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

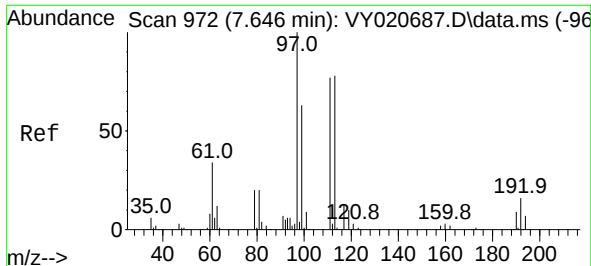
Tgt Ion: 65 Resp: 9094
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VY020685.D
 Acq: 23 Dec 2024 11:53

Tgt Ion: 114 Resp: 159520
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 9.748 ug/l

RT: 7.652 min Scan# 913

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

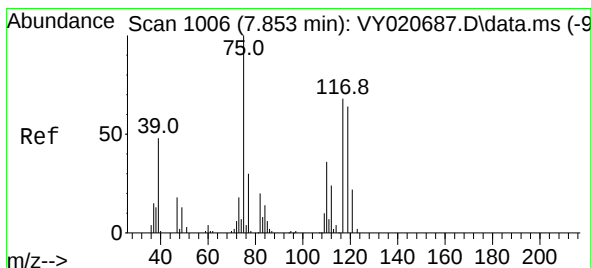
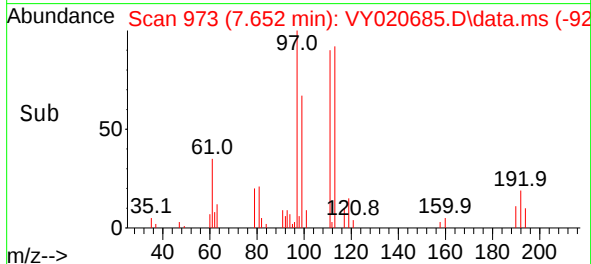
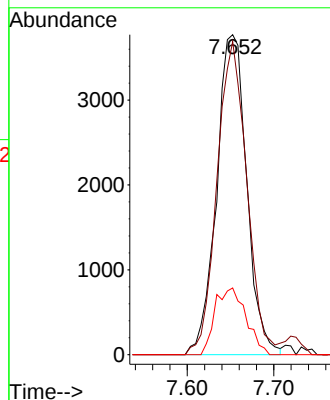
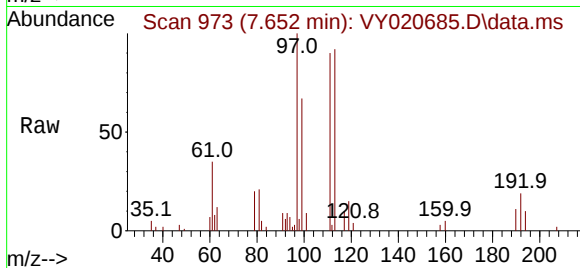
Tgt Ion:113 Resp: 9131

Ion Ratio Lower Upper

113 100

111 96.2 79.8 119.8

192 21.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 10.021 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. -0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

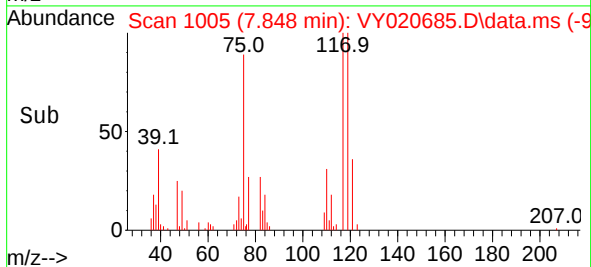
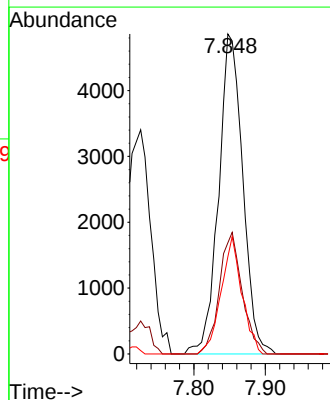
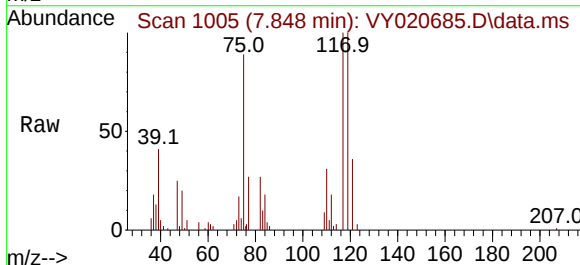
Tgt Ion: 75 Resp: 11409

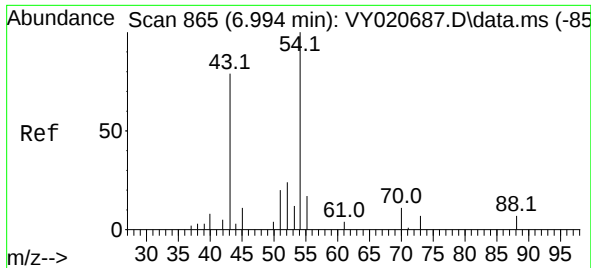
Ion Ratio Lower Upper

75 100

110 35.7 19.6 58.7

77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 7.450 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

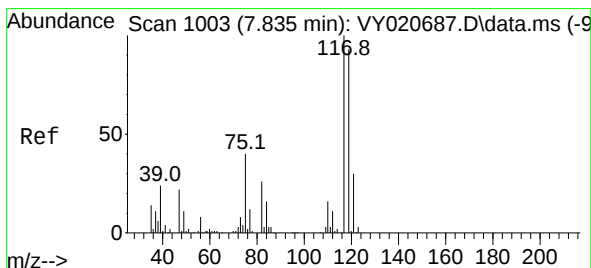
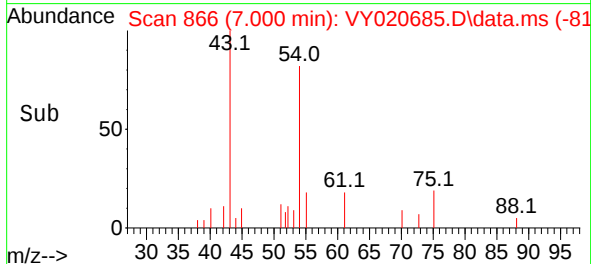
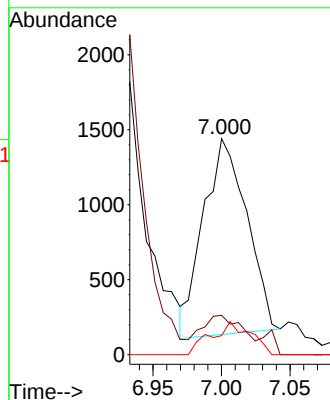
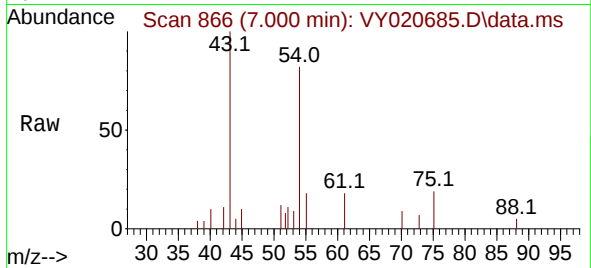
Tgt Ion: 43 Resp: 2884

Ion Ratio Lower Upper

43 100

61 22.9 11.7 17.5#

70 15.2 11.0 16.4



#38

Carbon Tetrachloride

Concen: 10.130 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

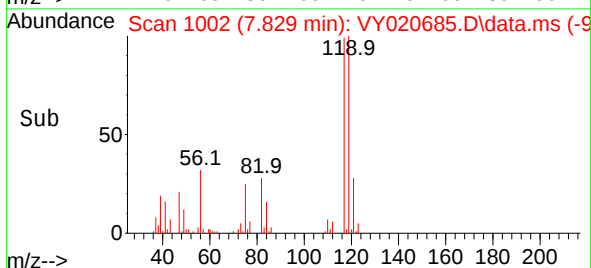
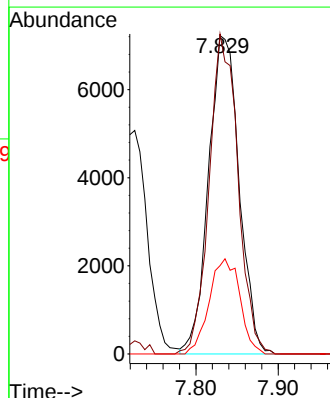
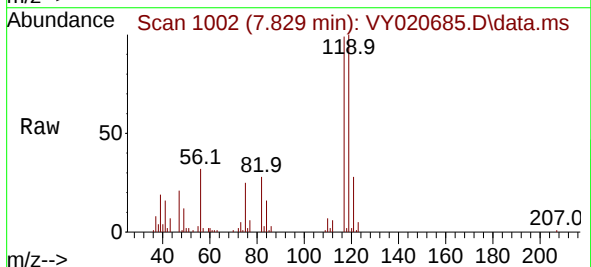
Tgt Ion:117 Resp: 18663

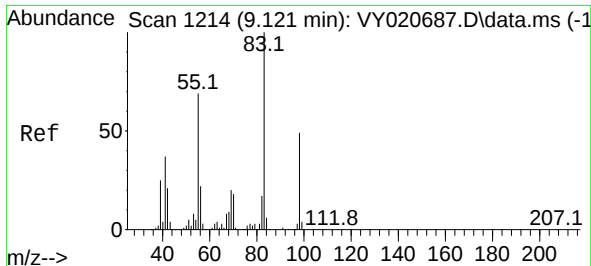
Ion Ratio Lower Upper

117 100

119 100.5 74.4 111.6

121 27.7 24.2 36.2





#39

Methylcyclohexane

Concen: 9.783 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

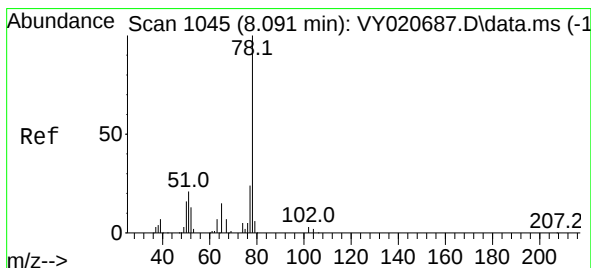
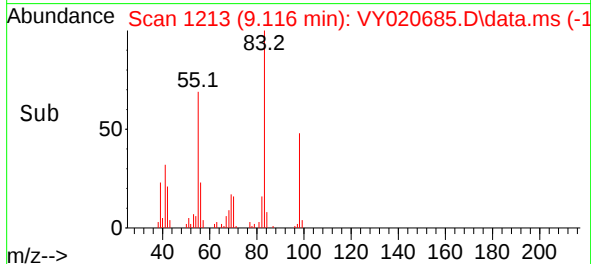
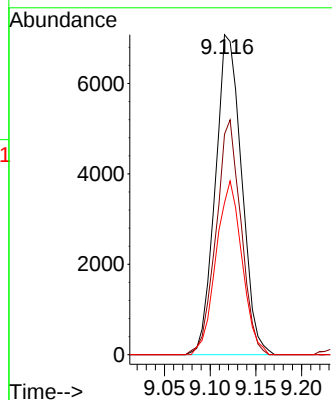
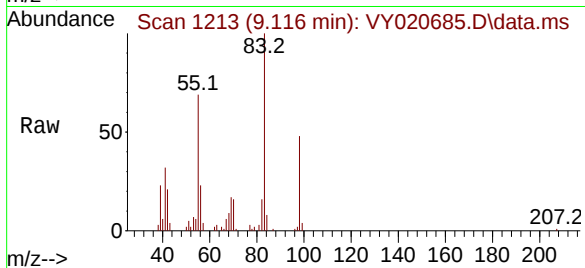
Tgt Ion: 83 Resp: 14158

Ion Ratio Lower Upper

83 100

55 68.9 55.0 82.4

98 47.5 39.0 58.6



#40

Benzene

Concen: 9.902 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VY020685.D

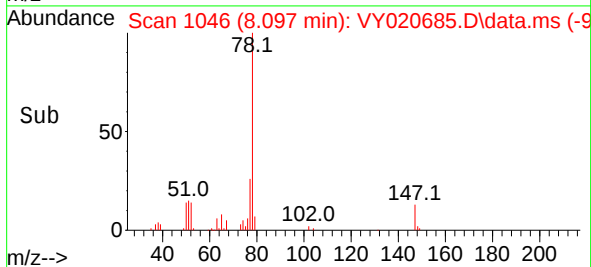
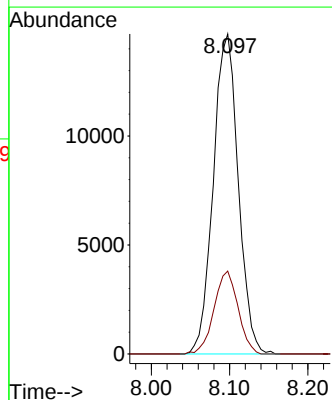
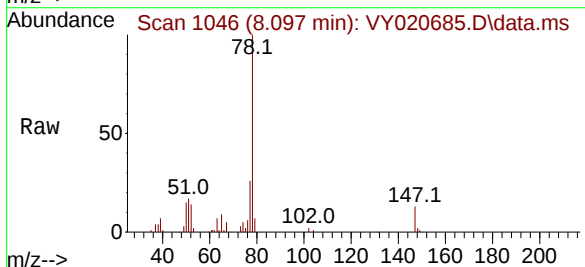
Acq: 23 Dec 2024 11:53

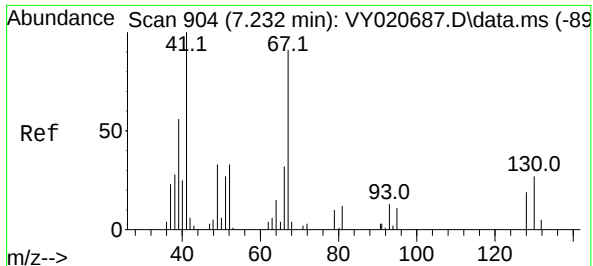
Tgt Ion: 78 Resp: 32524

Ion Ratio Lower Upper

78 100

77 25.9 19.2 28.8

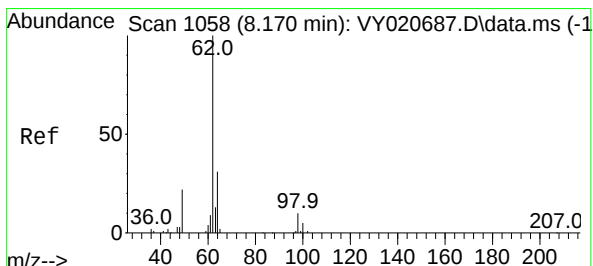
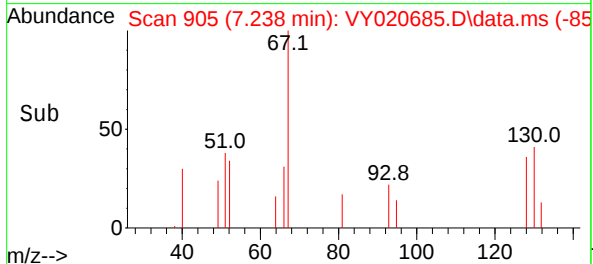
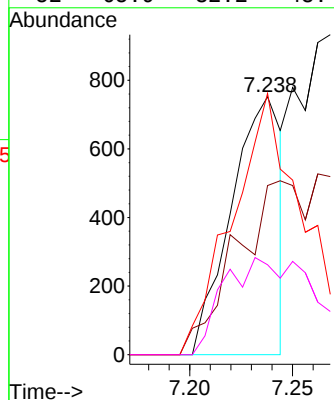
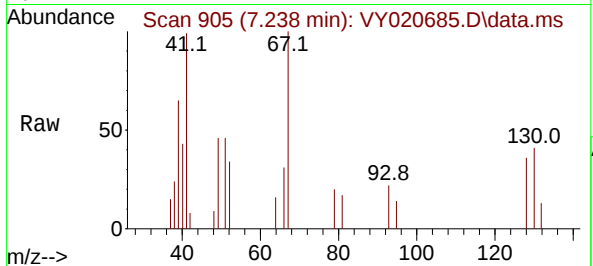




#41
Methacrylonitrile
Concen: 6.072 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

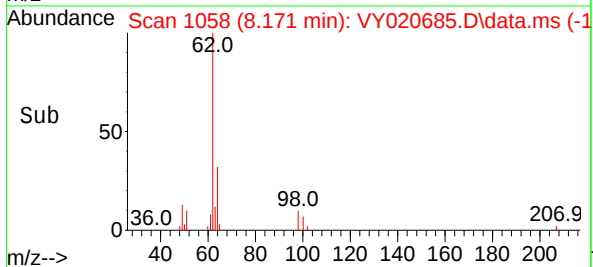
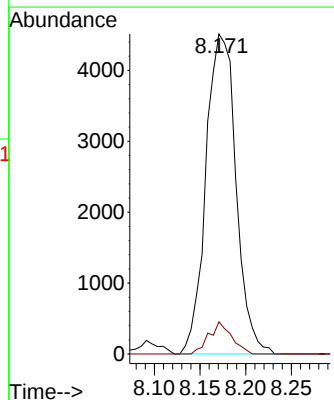
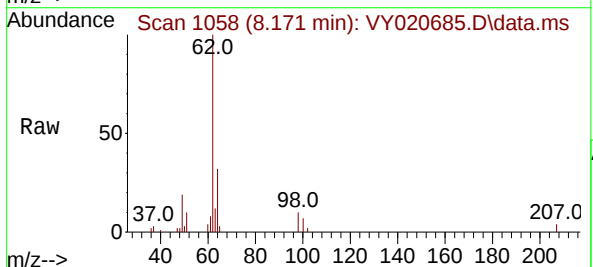
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

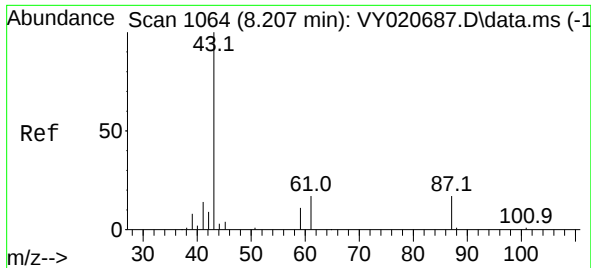
Tgt Ion: 41 Resp: 1280
Ion Ratio Lower Upper
41 100
39 90.3 46.6 70.0#
67 144.5 74.7 112.1#
52 65.9 32.2 48.4#



#42
1,2-Dichloroethane
Concen: 9.889 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 62 Resp: 10330
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.6

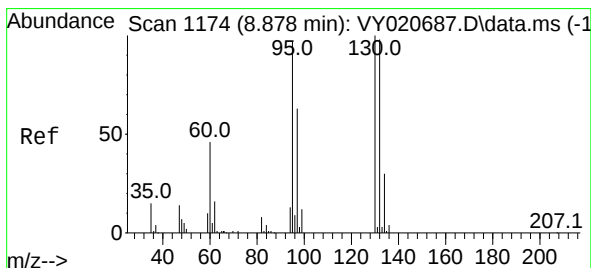
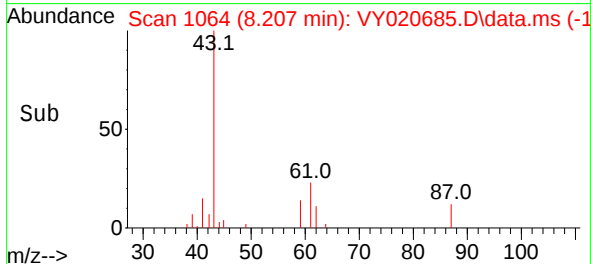
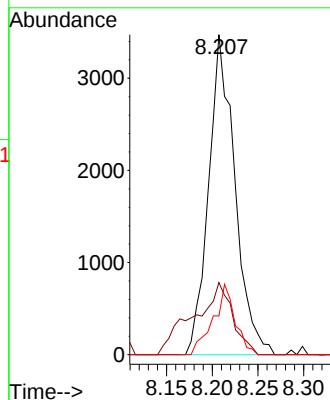
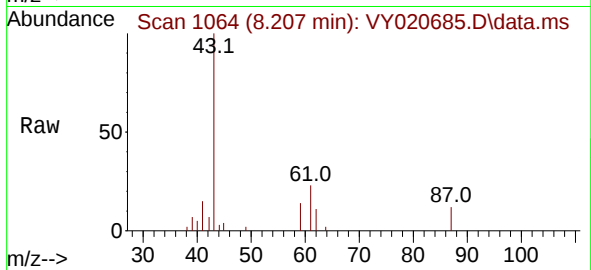




#43
Isopropyl Acetate
Concen: 8.970 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

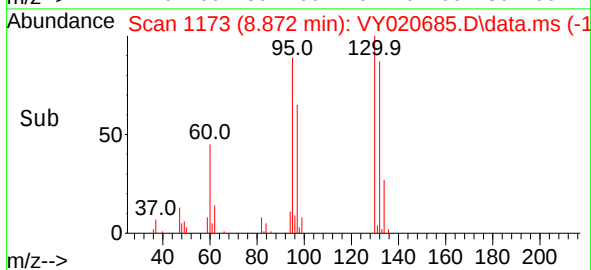
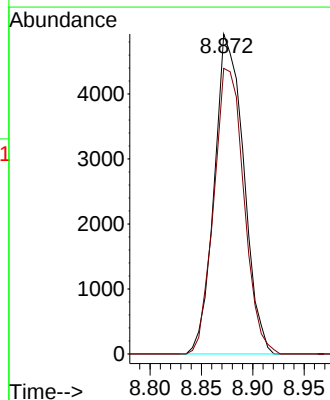
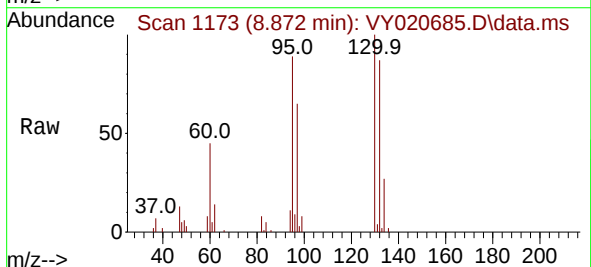
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

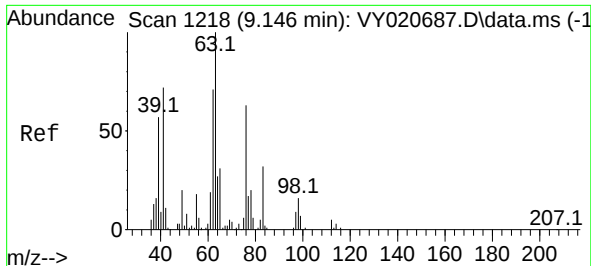
Tgt Ion:	43	Resp:	6937
Ion	Ratio	Lower	Upper
43	100		
61	33.6	27.0	40.4
87	18.4	14.2	21.4



#44
Trichloroethene
Concen: 10.017 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion:	130	Resp:	9764
Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	194.8

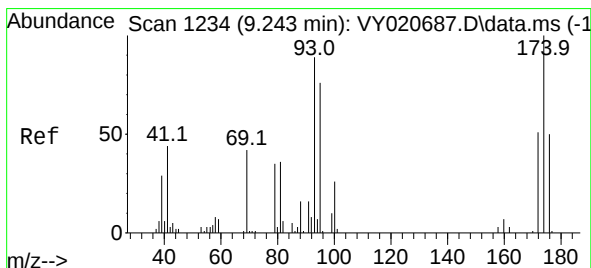
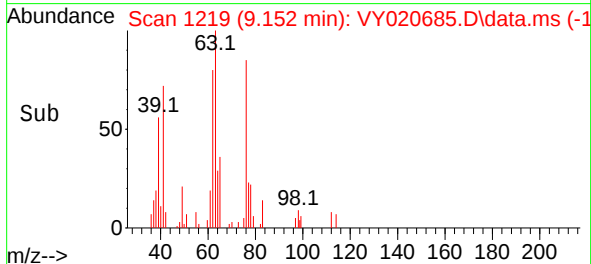
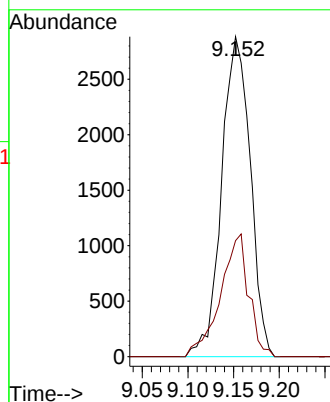
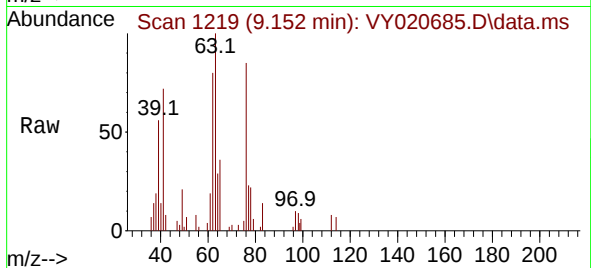




#45
1,2-Dichloropropane
Concen: 9.742 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

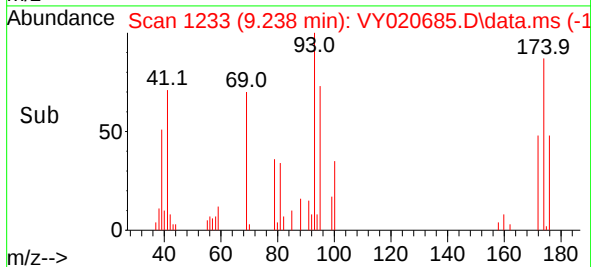
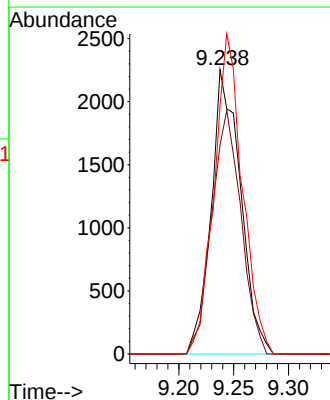
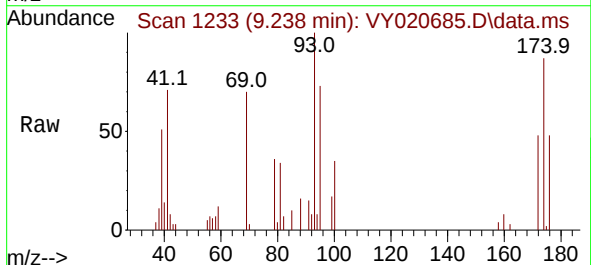
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

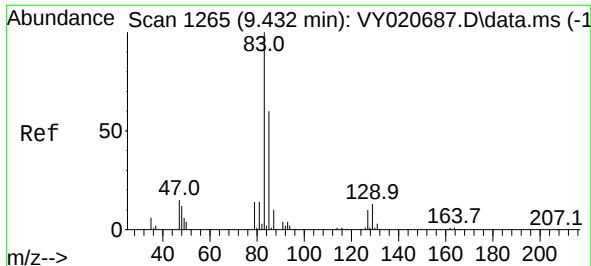
Tgt Ion: 63 Resp: 6287
Ion Ratio Lower Upper
63 100
65 36.2 24.6 36.8



#46
Dibromomethane
Concen: 9.400 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 93 Resp: 4188
Ion Ratio Lower Upper
93 100
95 85.5 67.8 101.8
174 109.1 89.4 134.0





#47

Bromodichloromethane

Concen: 9.696 ug/l

RT: 9.439 min Scan# 1266

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

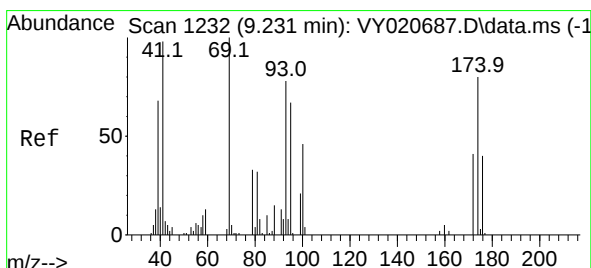
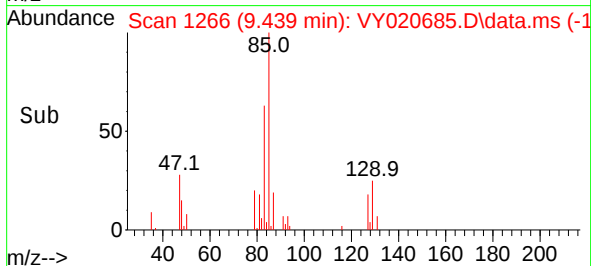
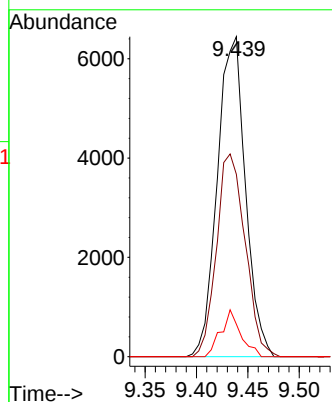
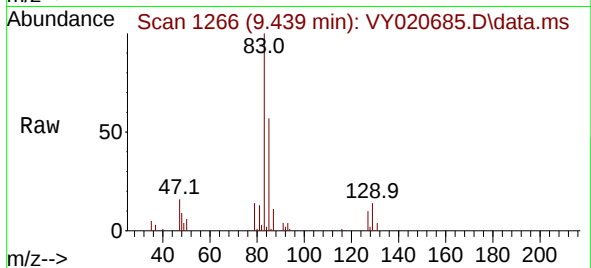
Tgt Ion: 83 Resp: 12253

Ion Ratio Lower Upper

83 100

85 57.0 47.6 71.4

127 10.1 7.9 11.9



#48

Methyl methacrylate

Concen: 9.422 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

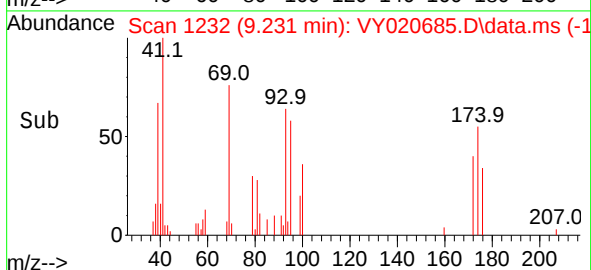
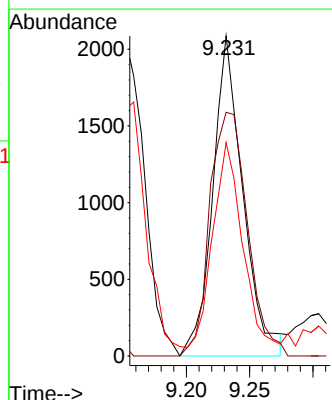
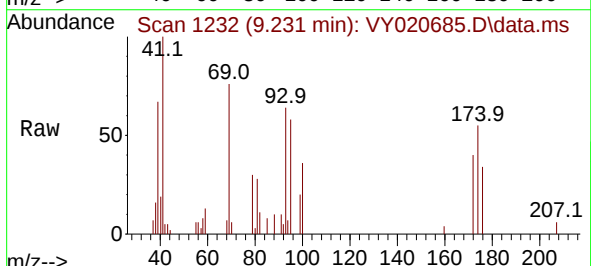
Tgt Ion: 41 Resp: 3454

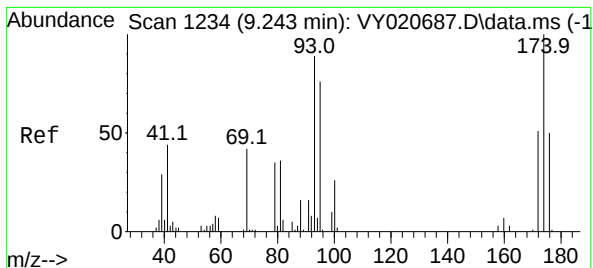
Ion Ratio Lower Upper

41 100

69 95.3 83.1 124.7

39 63.8 57.3 85.9





#49

1,4-Dioxane

Concen: 175.897 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

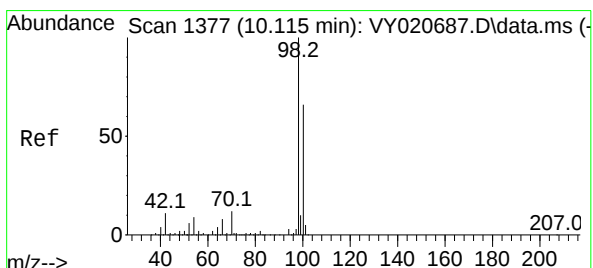
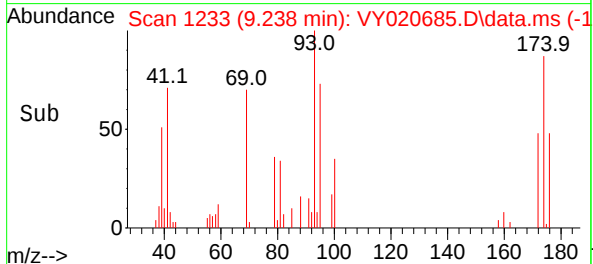
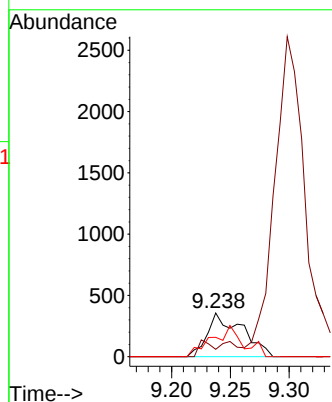
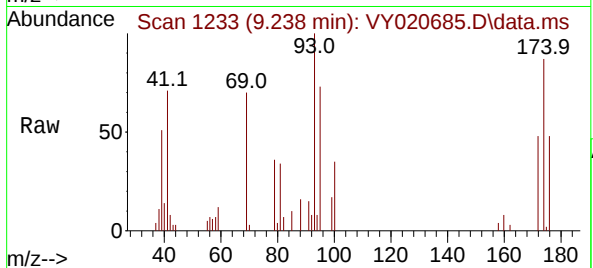
Tgt Ion: 88 Resp: 735

Ion Ratio Lower Upper

88 100

43 0.0 22.1 33.1#

58 63.1 46.7 70.1



#50

Toluene-d8

Concen: 8.355 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020685.D

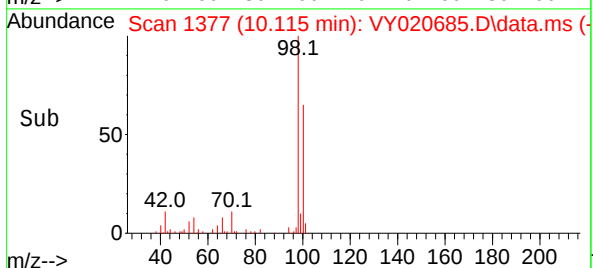
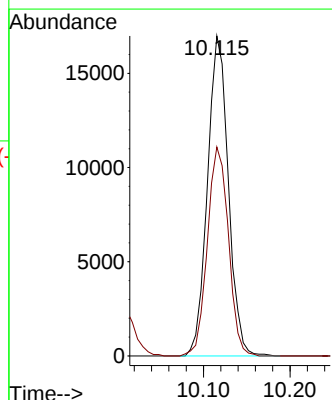
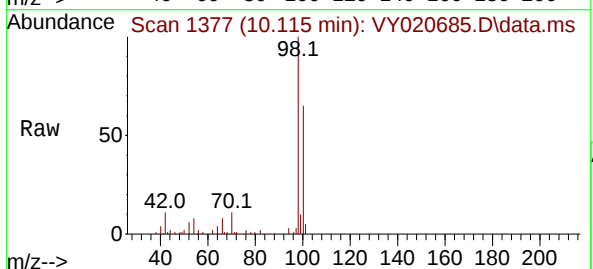
Acq: 23 Dec 2024 11:53

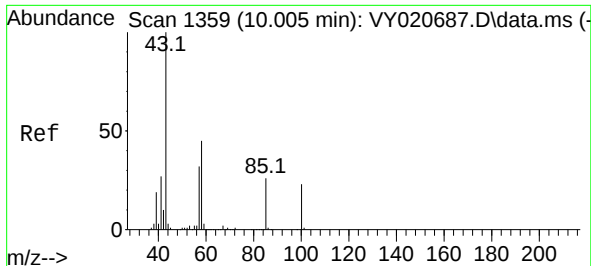
Tgt Ion: 98 Resp: 28423

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4

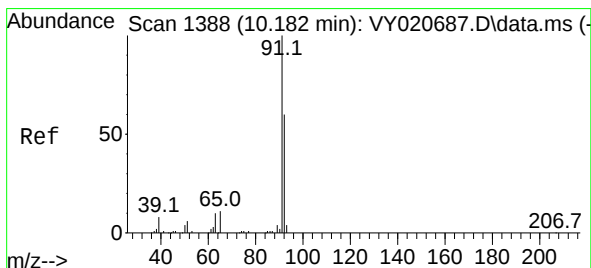
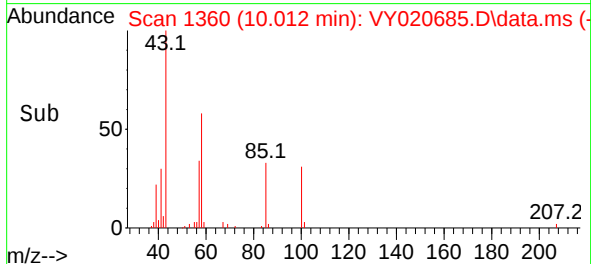
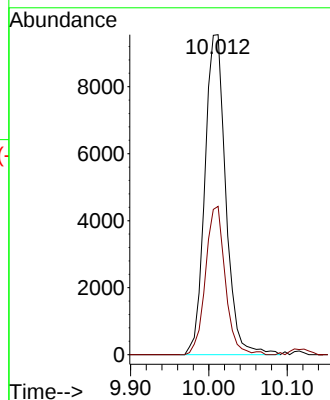
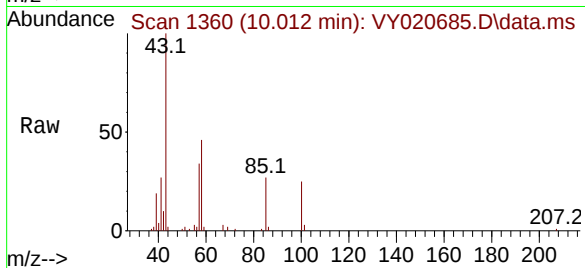




#51
4-Methyl-2-Pentanone
Concen: 45.877 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

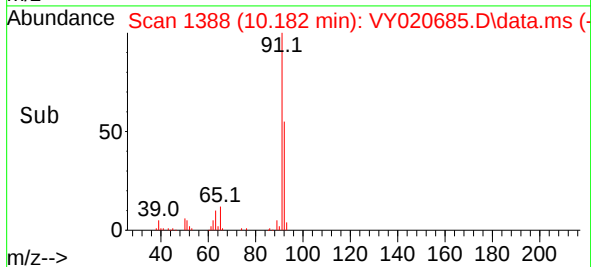
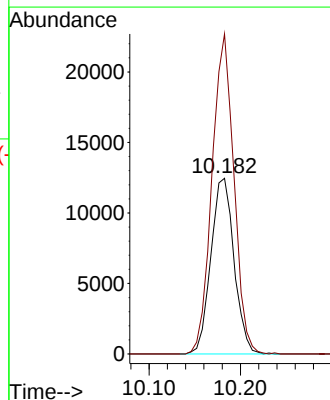
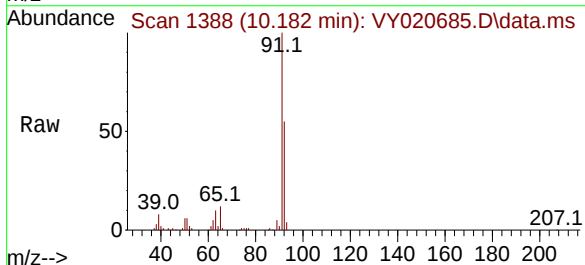
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

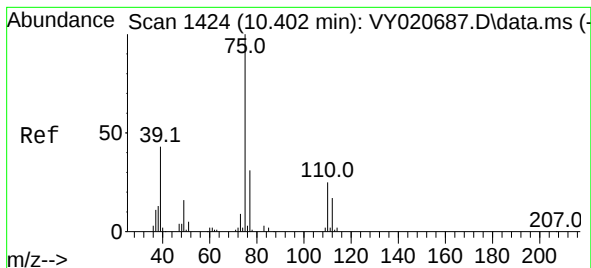
Tgt Ion: 43 Resp: 17723
Ion Ratio Lower Upper
43 100
58 43.8 35.1 52.7



#52
Toluene
Concen: 9.805 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 92 Resp: 21930
Ion Ratio Lower Upper
92 100
91 172.3 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 9.224 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

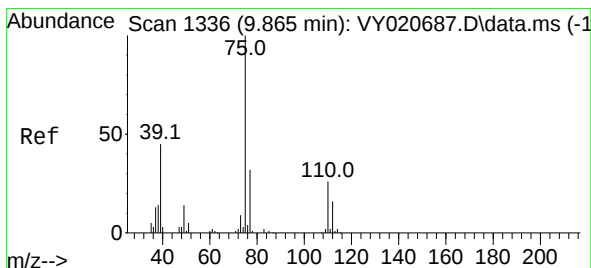
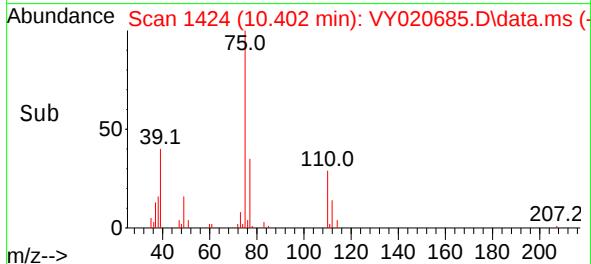
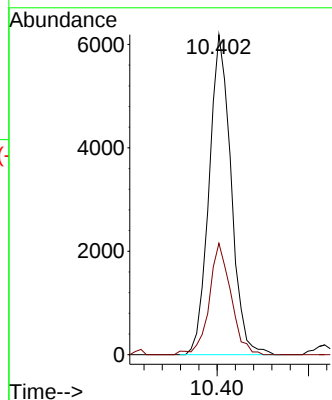
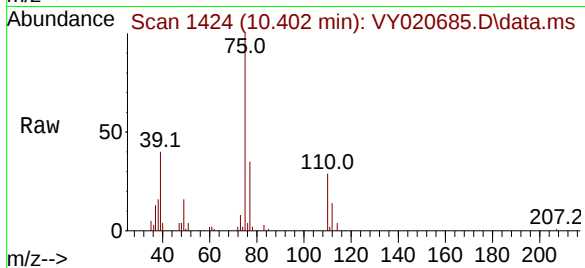
VSTDIC010

Tgt Ion: 75 Resp: 10315

Ion Ratio Lower Upper

75 100

77 34.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 9.564 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

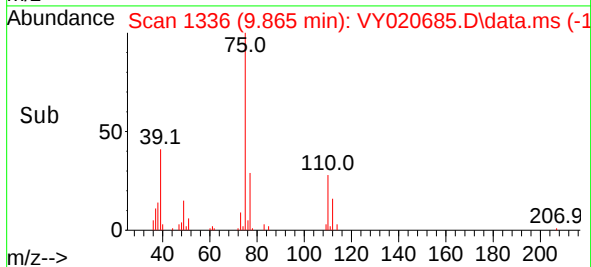
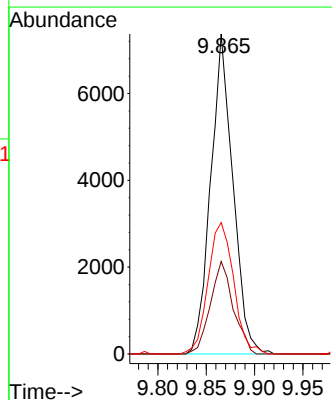
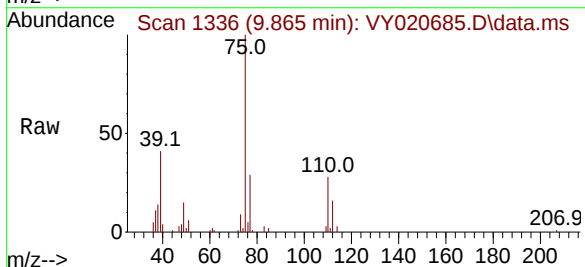
Tgt Ion: 75 Resp: 11785

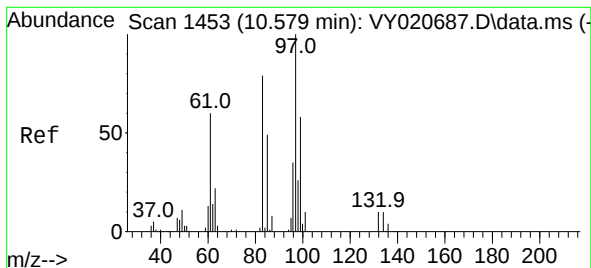
Ion Ratio Lower Upper

75 100

77 28.9 25.6 38.4

39 41.1 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 9.703 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 5597

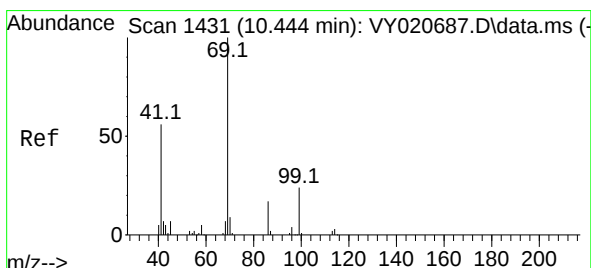
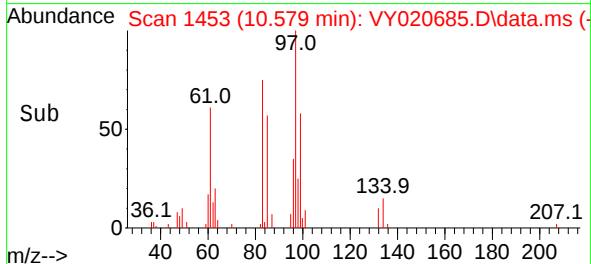
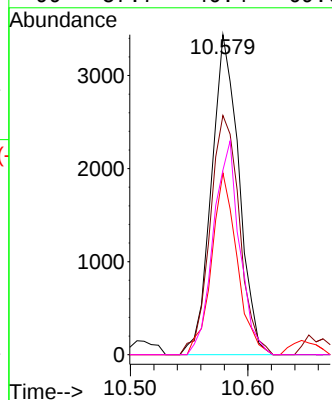
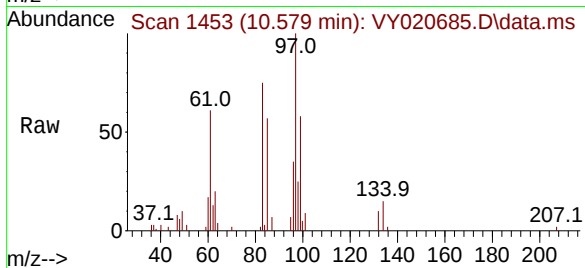
Ion Ratio Lower Upper

97 100

83 74.8 63.1 94.7

85 56.8 39.5 59.3

99 57.7 46.4 69.6



#56

Ethyl methacrylate

Concen: 8.689 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

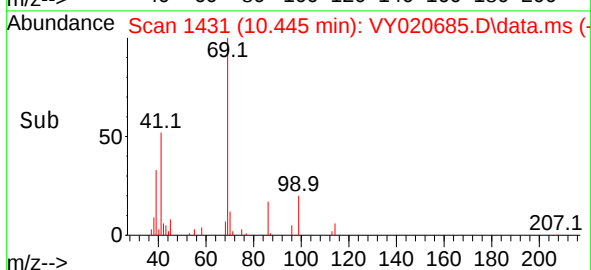
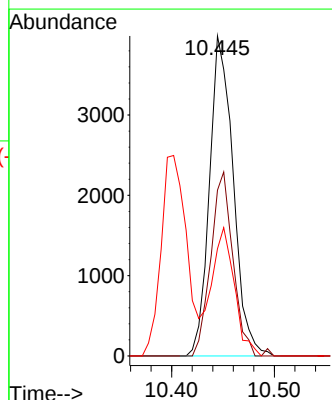
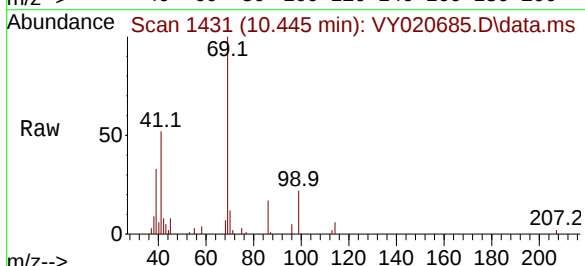
Tgt Ion: 69 Resp: 6394

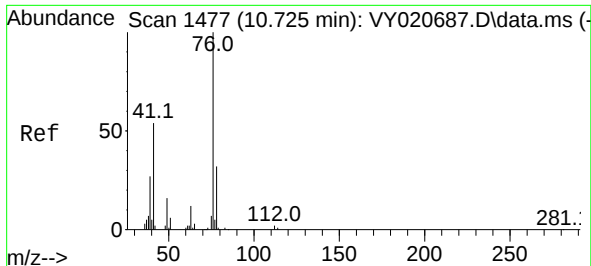
Ion Ratio Lower Upper

69 100

41 53.5 43.8 65.6

39 38.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 9.688 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

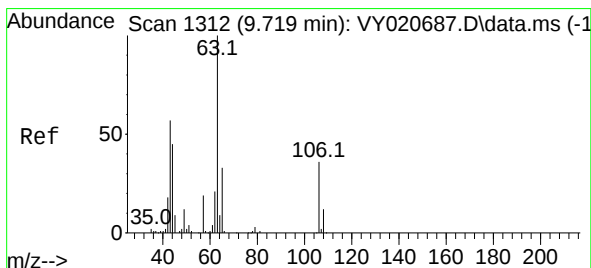
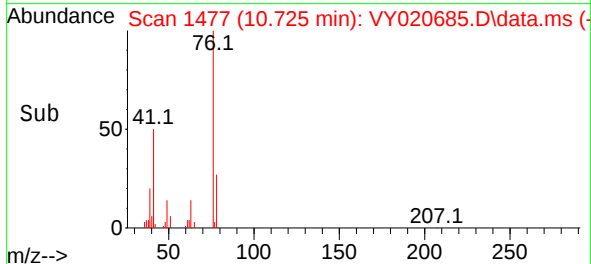
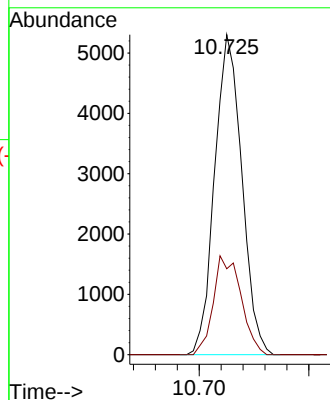
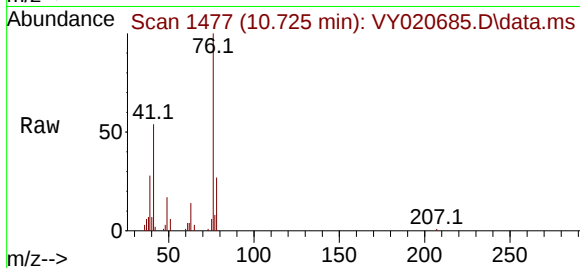
VSTDIC010

Tgt Ion: 76 Resp: 9135

Ion Ratio Lower Upper

76 100

78 31.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 41.542 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020685.D

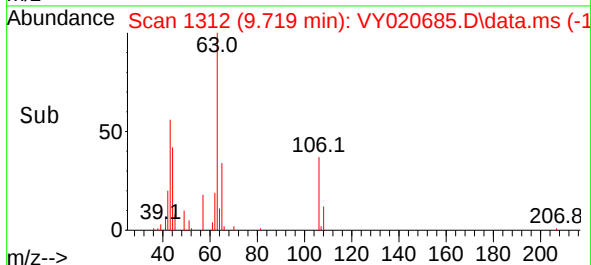
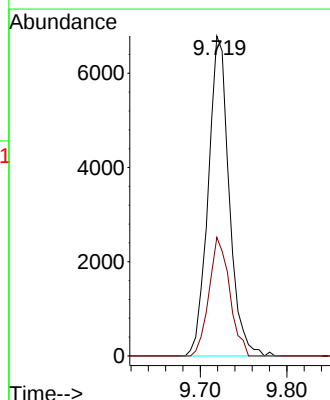
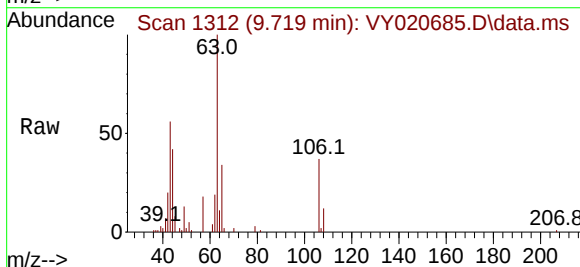
Acq: 23 Dec 2024 11:53

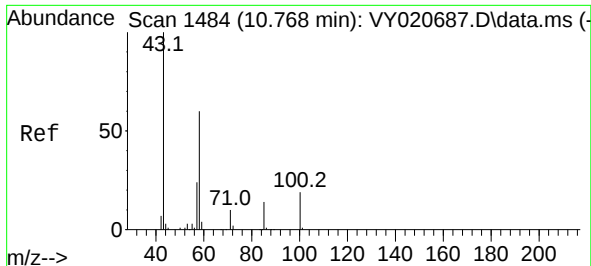
Tgt Ion: 63 Resp: 11423

Ion Ratio Lower Upper

63 100

106 36.4 29.1 43.7





#59

2-Hexanone

Concen: 43.435 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

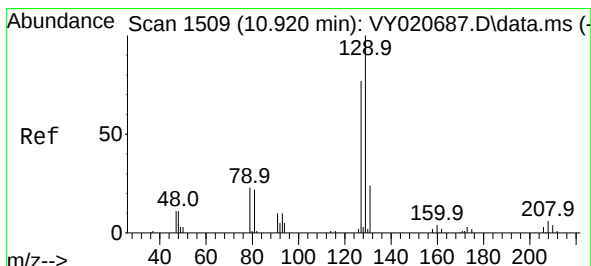
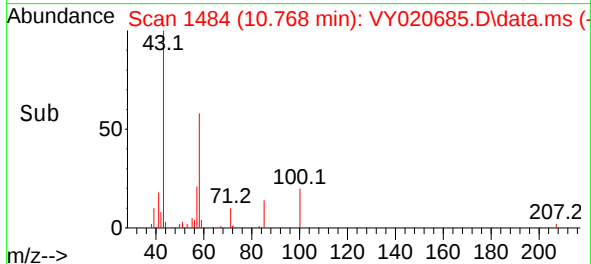
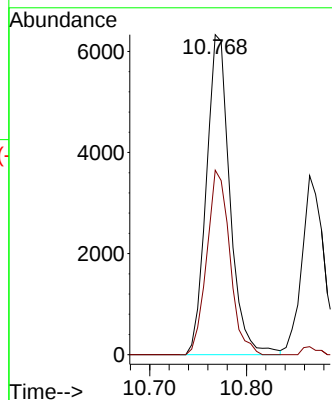
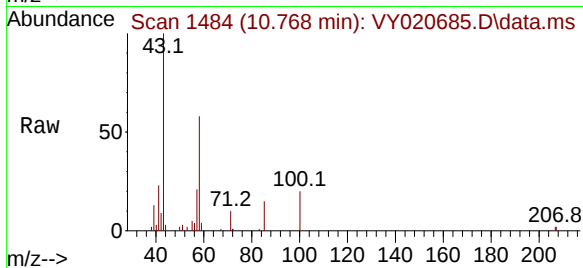
VSTDIC010

Tgt Ion: 43 Resp: 10688

Ion Ratio Lower Upper

43 100

58 56.7 30.1 90.5



#60

Dibromochloromethane

Concen: 9.384 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VY020685.D

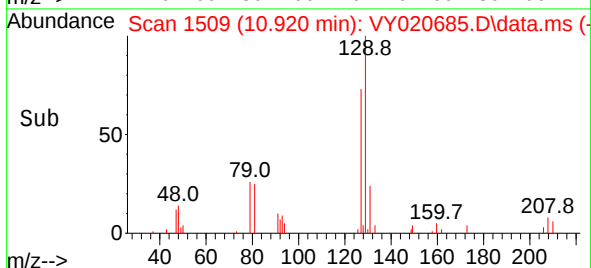
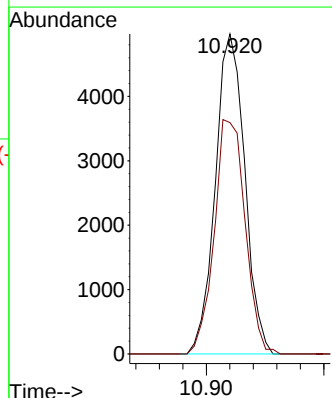
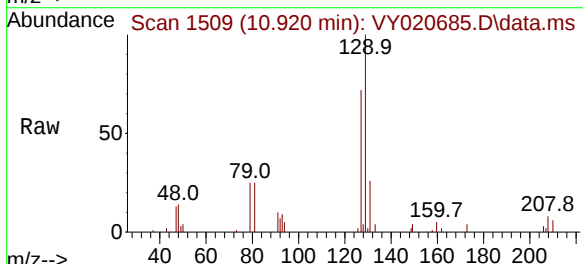
Acq: 23 Dec 2024 11:53

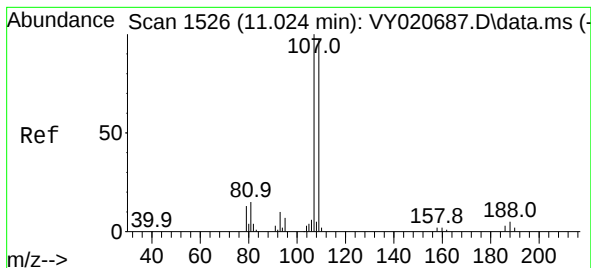
Tgt Ion: 129 Resp: 8643

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 10.124 ug/l

RT: 11.024 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

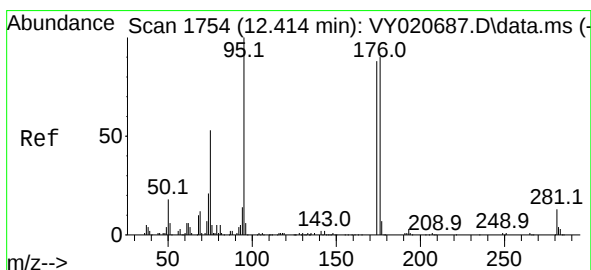
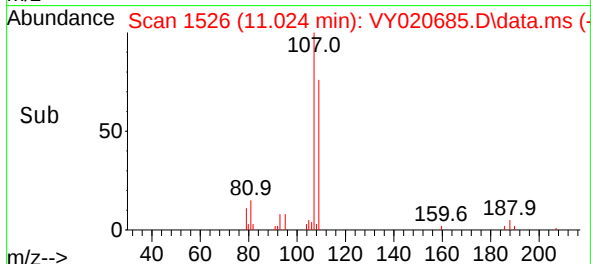
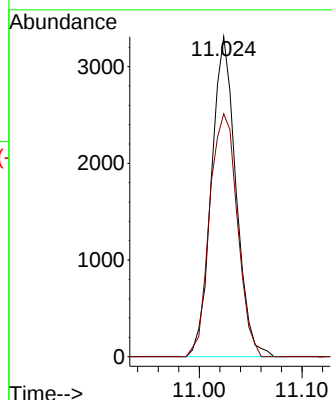
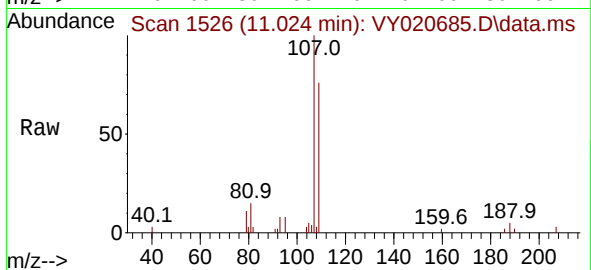
VSTDIC010

Tgt Ion:107 Resp: 5475

Ion Ratio Lower Upper

107 100

109 85.8 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 9.618 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

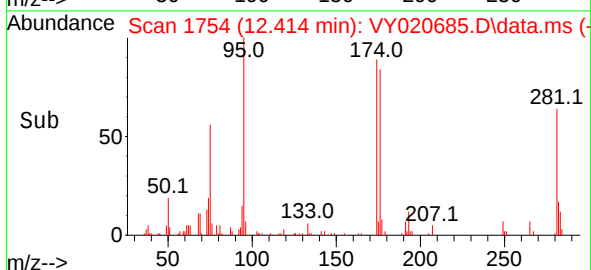
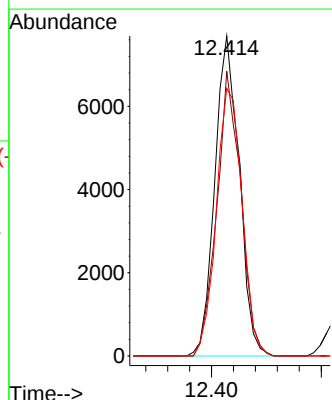
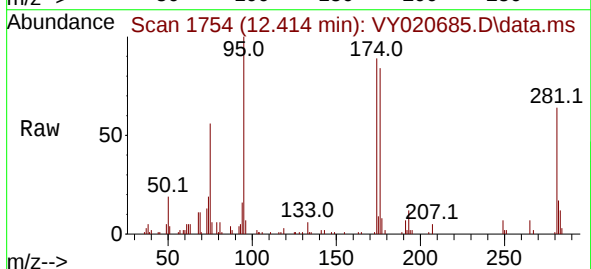
Tgt Ion: 95 Resp: 11910

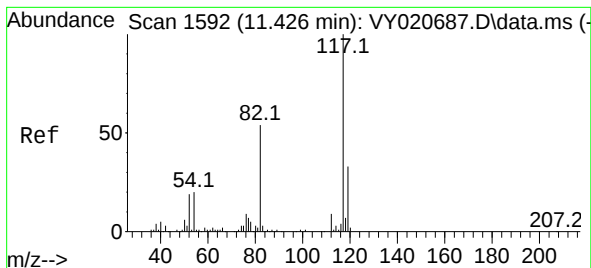
Ion Ratio Lower Upper

95 100

174 87.6 0.0 179.2

176 88.3 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

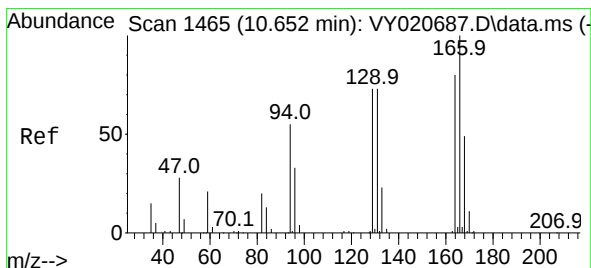
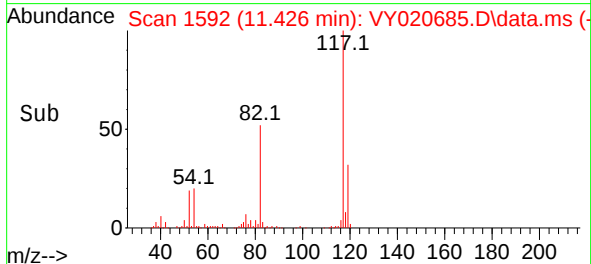
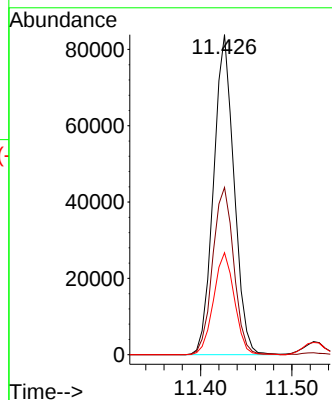
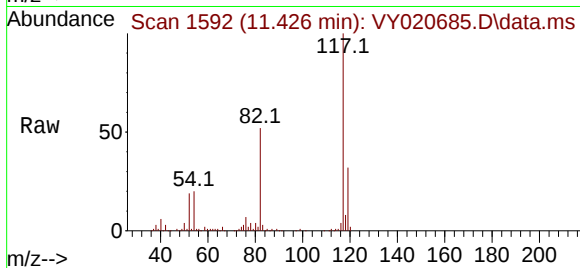
Tgt Ion:117 Resp: 130271

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.2

119 31.8 26.6 39.8



#64

Tetrachloroethene

Concen: 10.206 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Tgt Ion:164 Resp: 8830

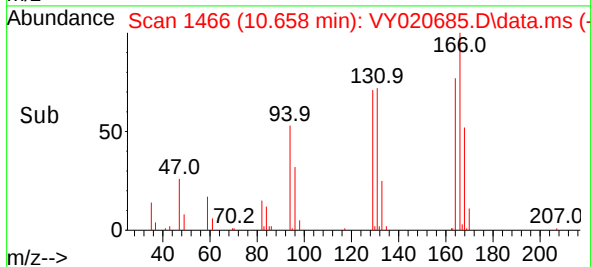
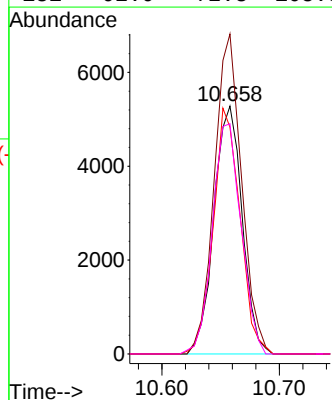
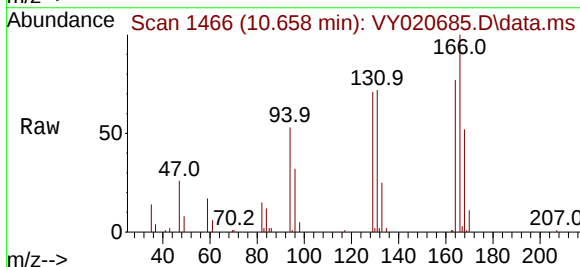
Ion Ratio Lower Upper

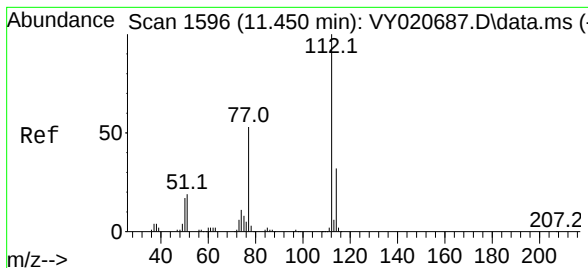
164 100

166 129.1 99.6 149.4

129 91.5 73.0 109.4

131 92.9 72.3 108.5





#65

Chlorobenzene

Concen: 9.977 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

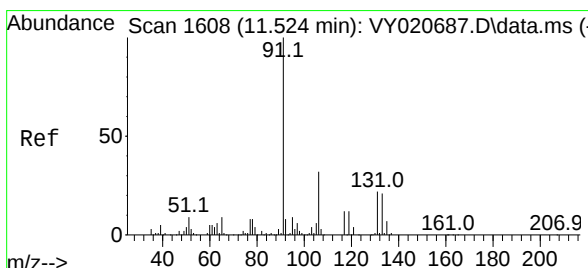
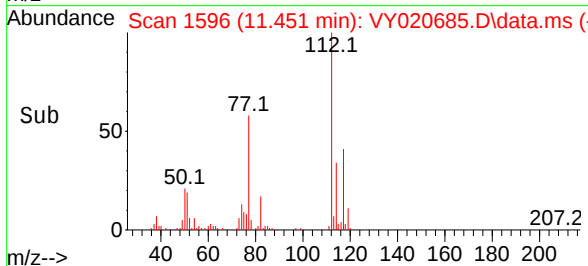
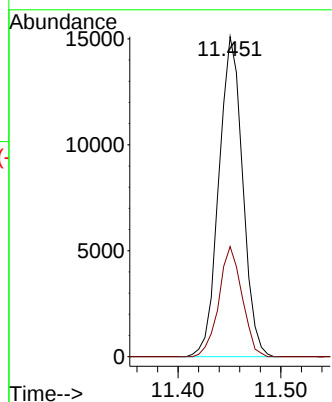
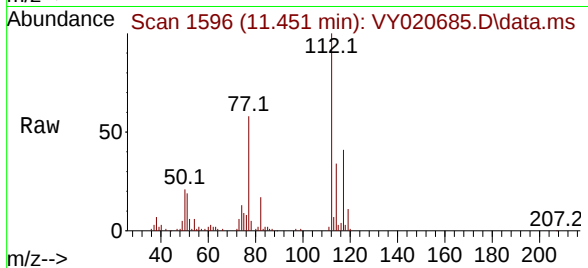
VSTDIC010

Tgt Ion:112 Resp: 24287

Ion Ratio Lower Upper

112 100

114 34.4 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 10.075 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

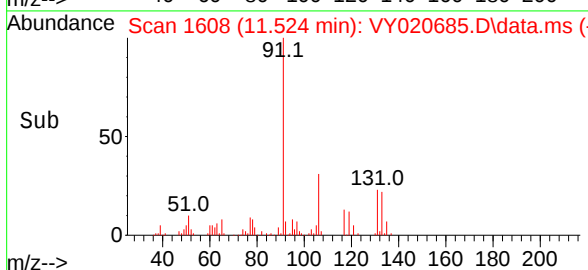
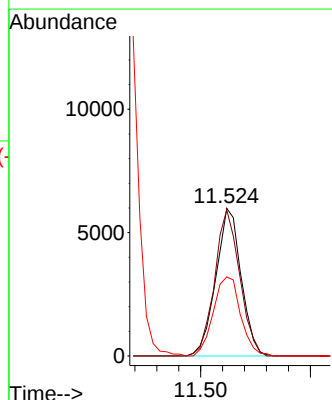
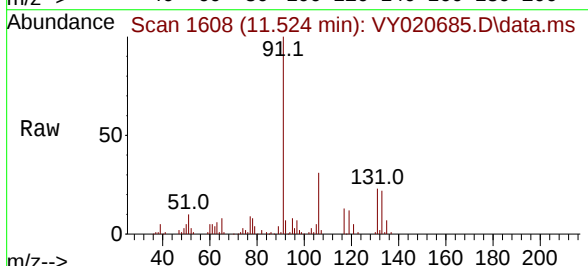
Tgt Ion:131 Resp: 9578

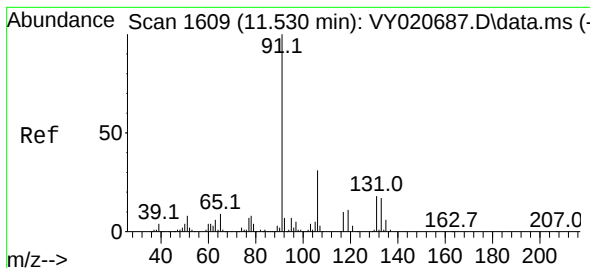
Ion Ratio Lower Upper

131 100

133 98.2 48.6 145.9

119 57.7 28.4 85.3





#67

Ethyl Benzene

Concen: 10.131 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

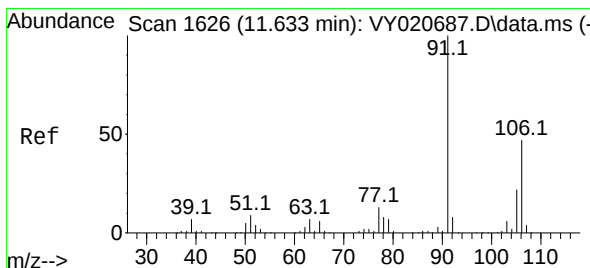
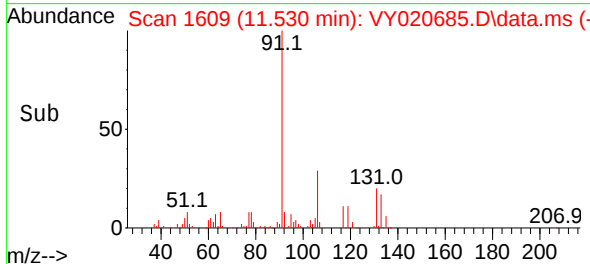
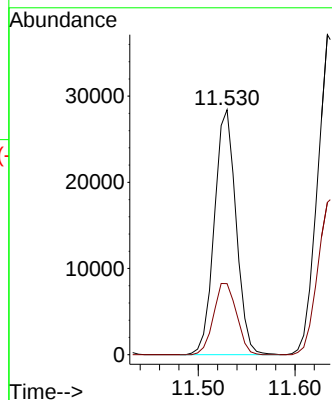
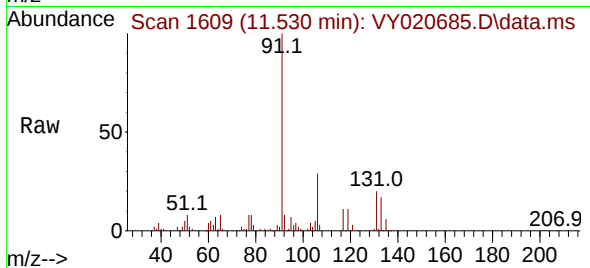
VSTDIC010

Tgt Ion: 91 Resp: 44246

Ion Ratio Lower Upper

91 100

106 29.0 24.5 36.7



#68

m/p-Xylenes

Concen: 20.179 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020685.D

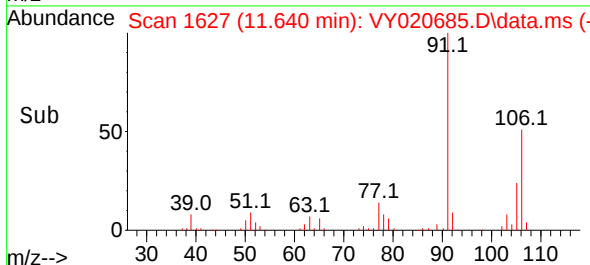
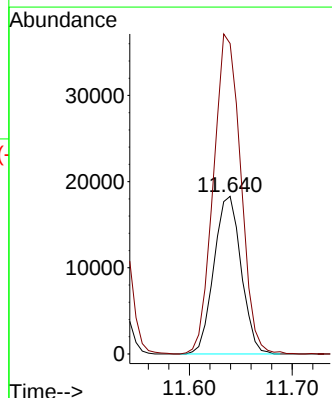
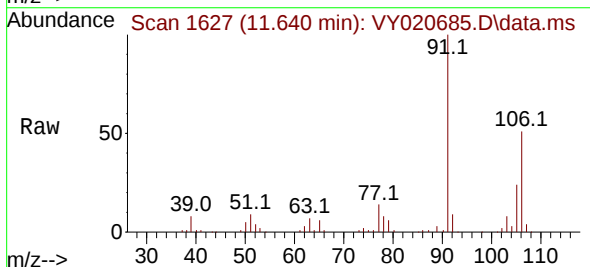
Acq: 23 Dec 2024 11:53

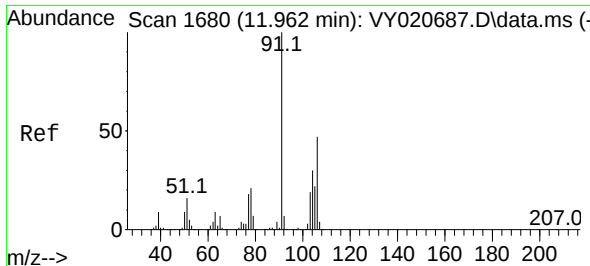
Tgt Ion:106 Resp: 33608

Ion Ratio Lower Upper

106 100

91 203.9 166.6 250.0





#69

o-Xylene

Concen: 10.151 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

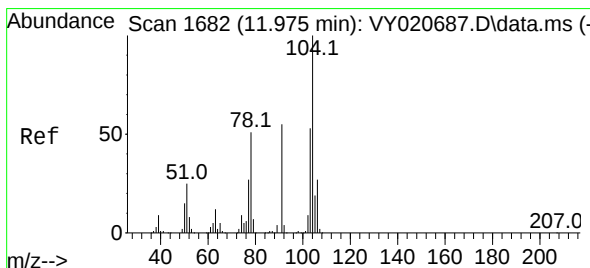
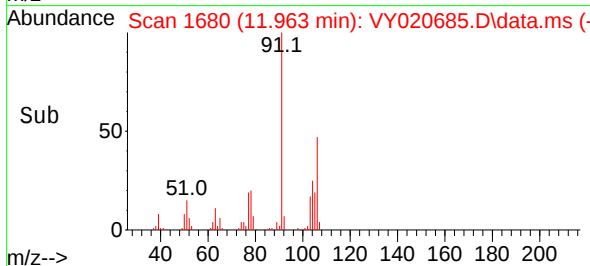
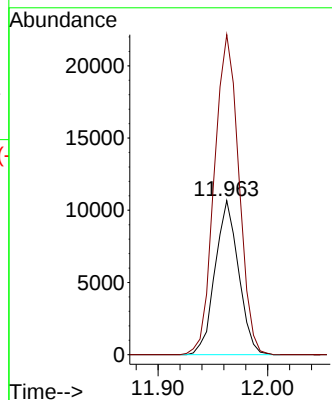
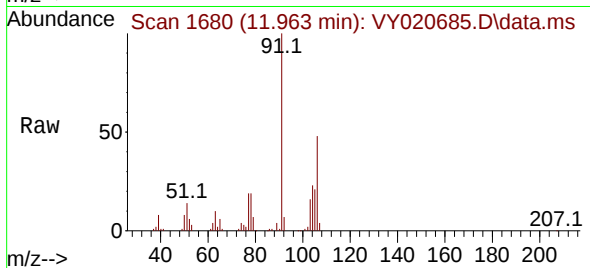
VSTDICC010

Tgt Ion:106 Resp: 15881

Ion Ratio Lower Upper

106 100

91 217.1 108.6 325.8



#70

Styrene

Concen: 10.155 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

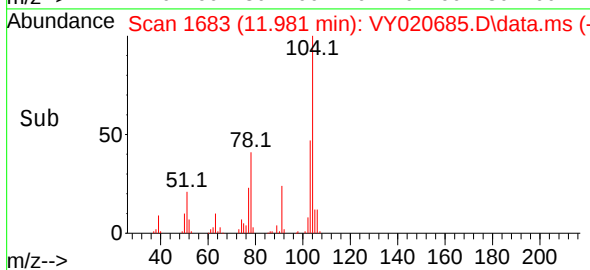
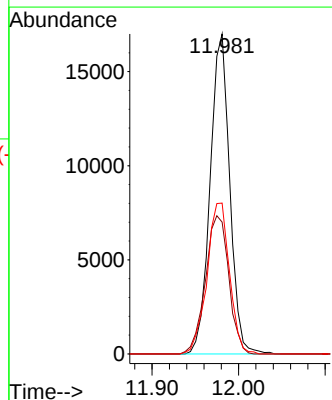
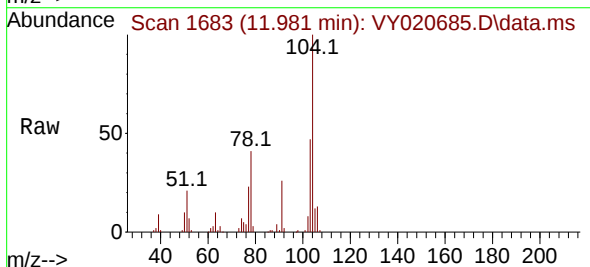
Tgt Ion:104 Resp: 26723

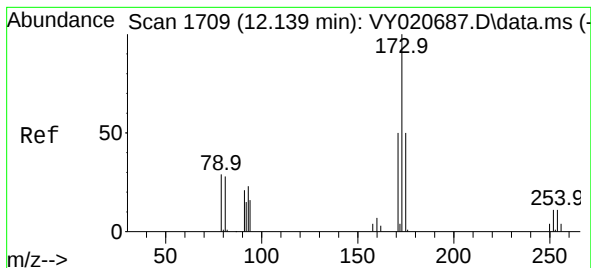
Ion Ratio Lower Upper

104 100

78 51.6 43.0 64.4

103 54.1 44.4 66.6





#71

Bromoform

Concen: 9.333 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

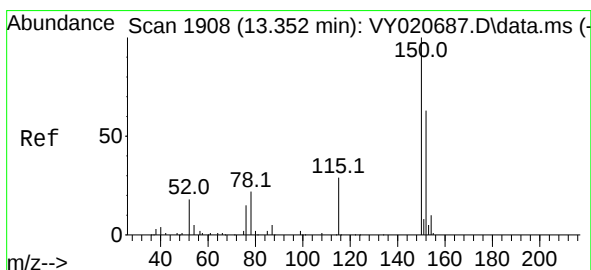
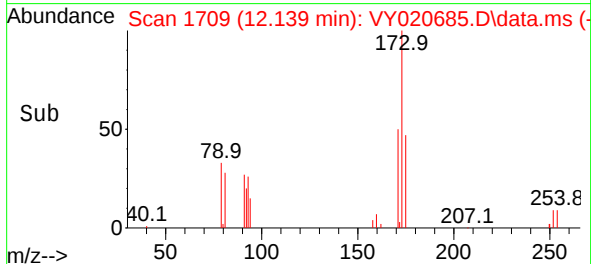
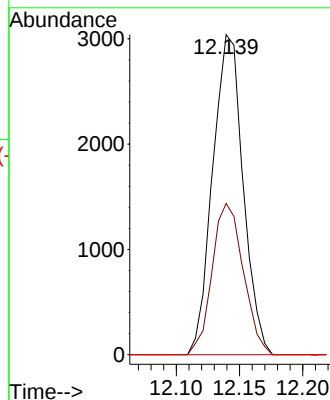
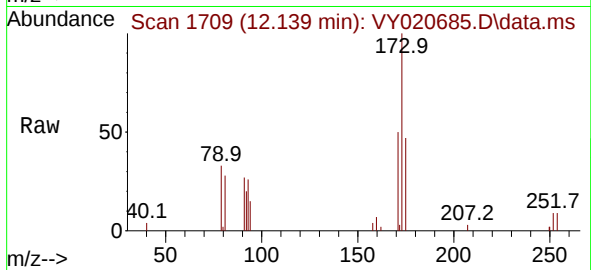
Tgt Ion:173 Resp: 5082

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

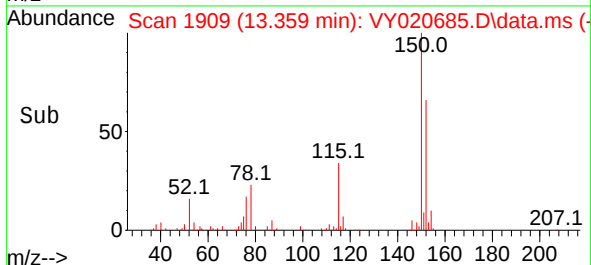
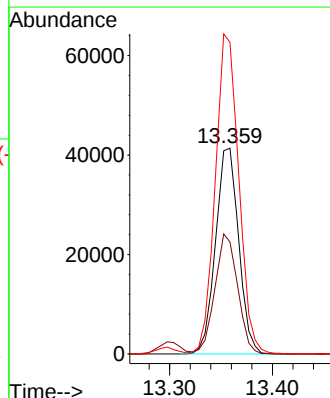
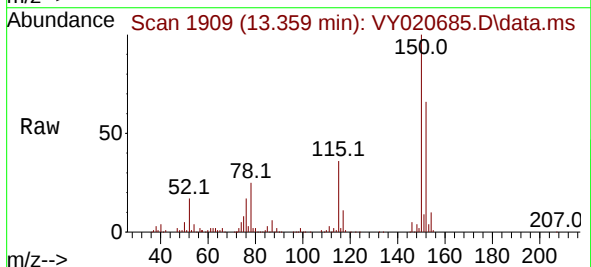
Tgt Ion:152 Resp: 64596

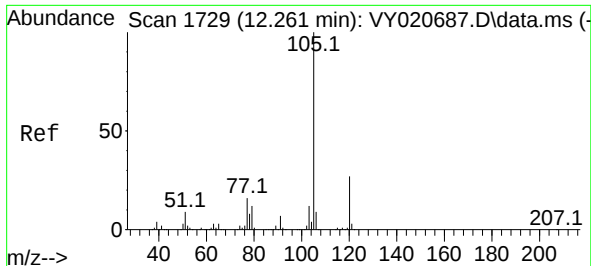
Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

150 157.9 0.0 349.0

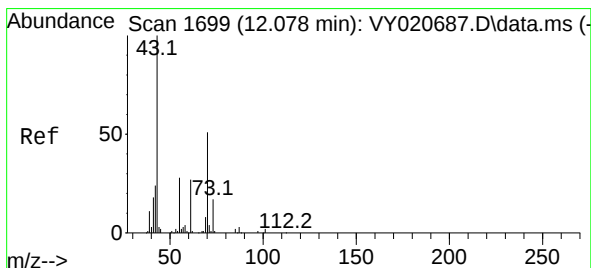
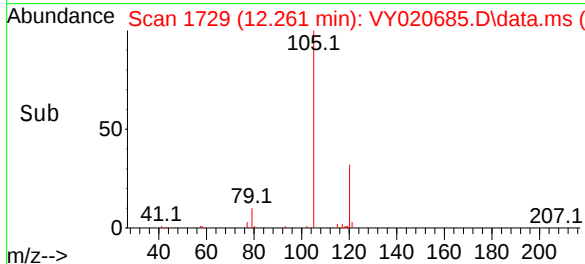
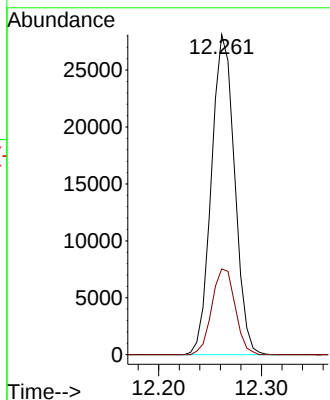
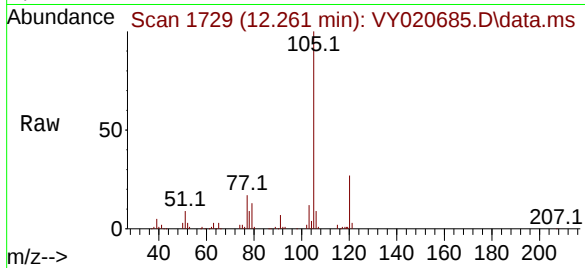




#73
Isopropylbenzene
Concen: 10.041 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

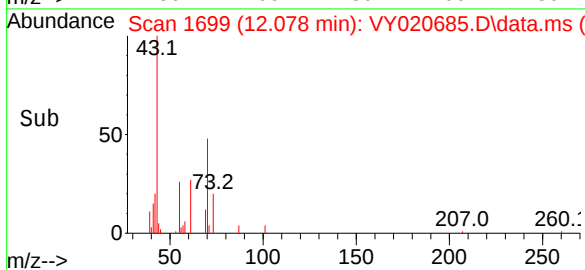
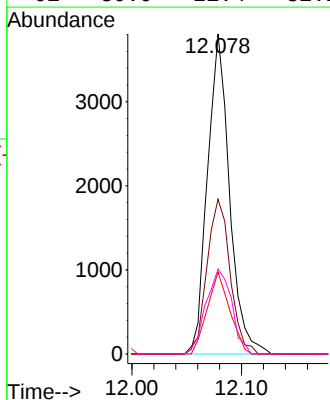
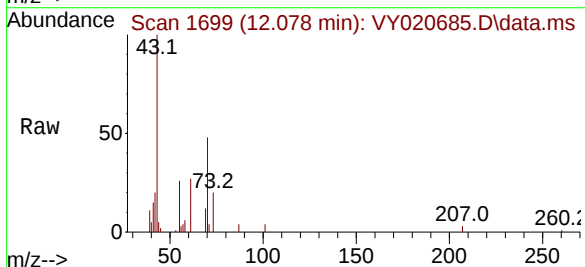
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

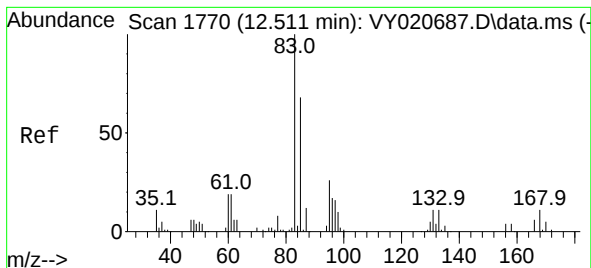
Tgt Ion:105 Resp: 44119
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 8.602 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 43 Resp: 5311
Ion Ratio Lower Upper
43 100
70 50.9 39.7 59.5
55 26.0 21.5 32.3
61 30.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.145 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

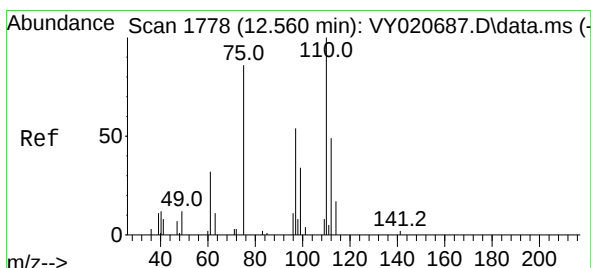
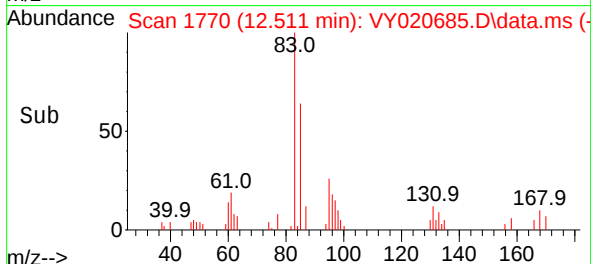
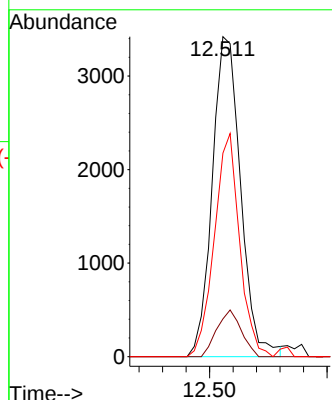
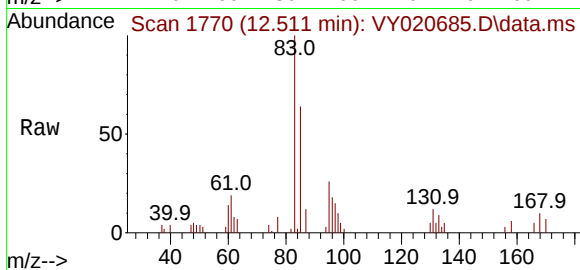
Tgt Ion: 83 Resp: 5736

Ion Ratio Lower Upper

83 100

131 12.5 6.9 20.7

85 62.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 18.421 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020685.D

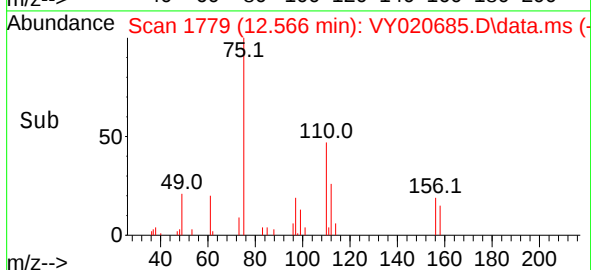
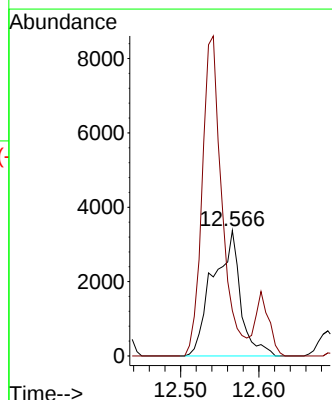
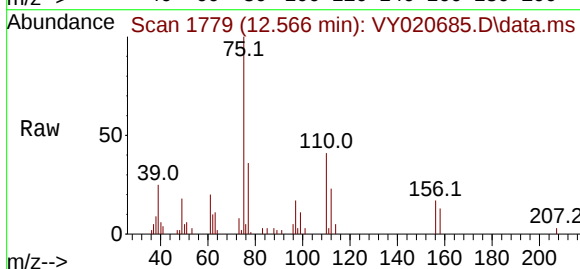
Acq: 23 Dec 2024 11:53

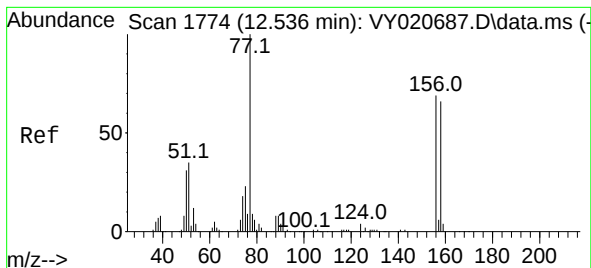
Tgt Ion: 75 Resp: 8206

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.063 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

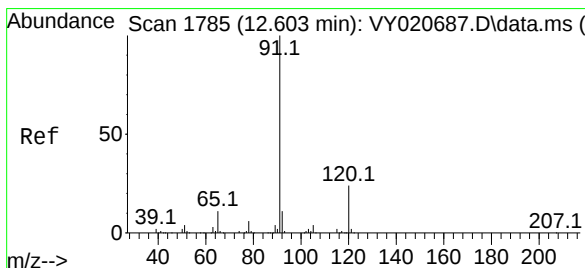
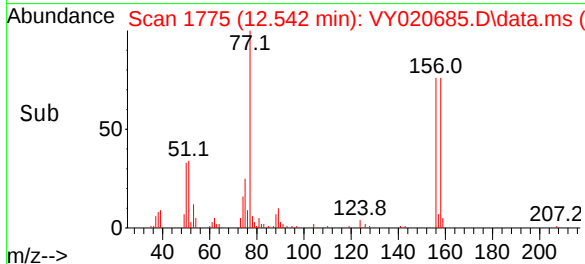
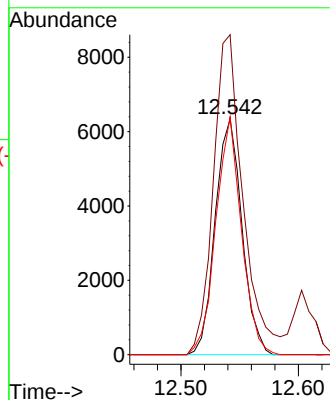
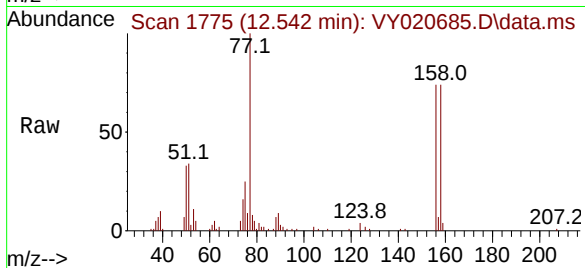
Tgt Ion:156 Resp: 10068

Ion Ratio Lower Upper

156 100

77 149.8 78.3 235.0

158 96.2 48.3 144.9



#78

n-propylbenzene

Concen: 10.224 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020685.D

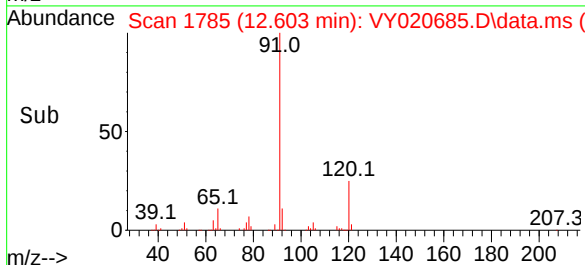
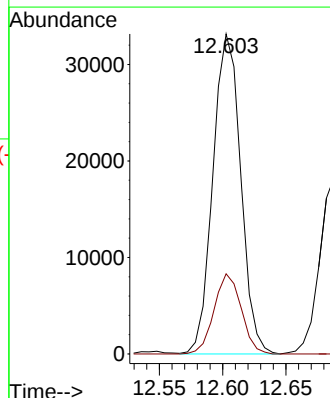
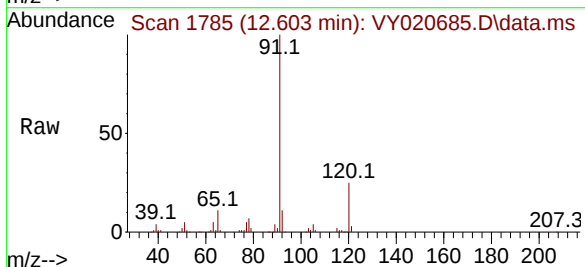
Acq: 23 Dec 2024 11:53

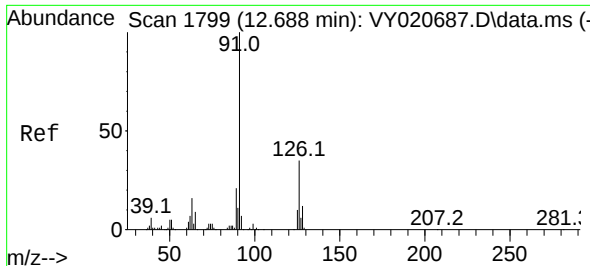
Tgt Ion: 91 Resp: 50644

Ion Ratio Lower Upper

91 100

120 24.4 12.3 36.8





#79

2-Chlorotoluene

Concen: 10.206 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

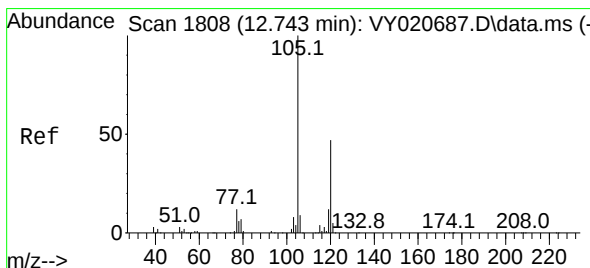
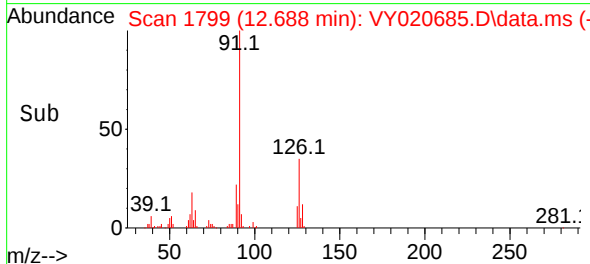
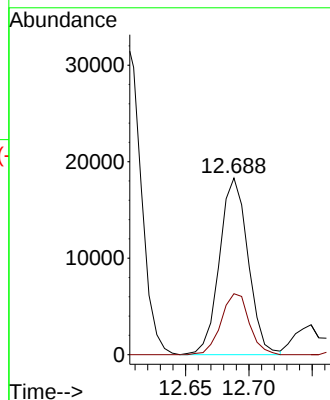
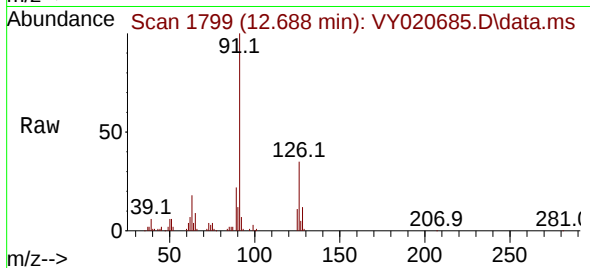
VSTDIC010

Tgt Ion: 91 Resp: 28781

Ion Ratio Lower Upper

91 100

126 33.9 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 10.066 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020685.D

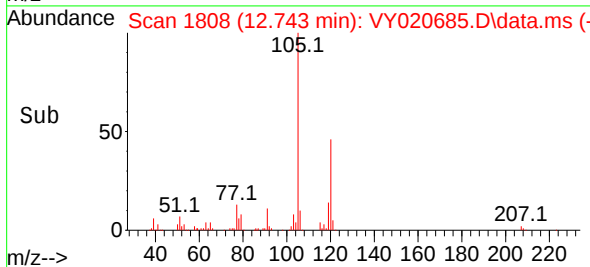
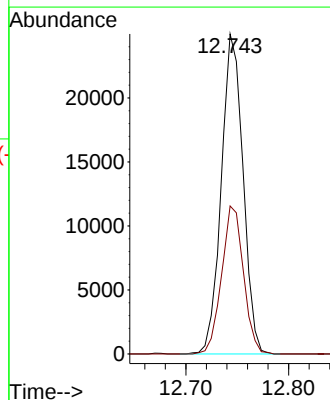
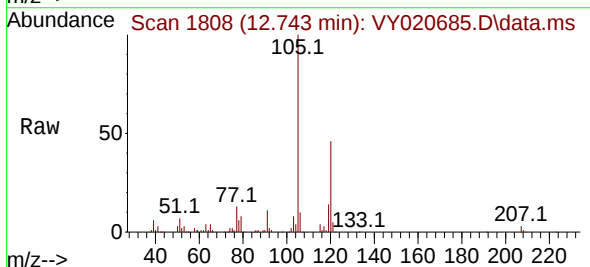
Acq: 23 Dec 2024 11:53

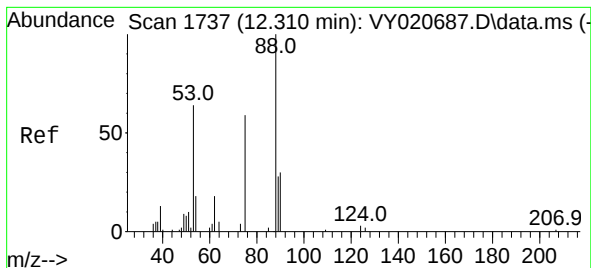
Tgt Ion:105 Resp: 36685

Ion Ratio Lower Upper

105 100

120 46.4 23.9 71.7

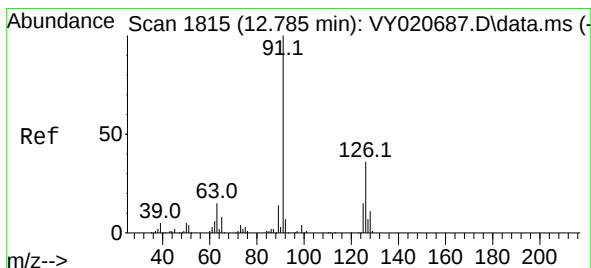
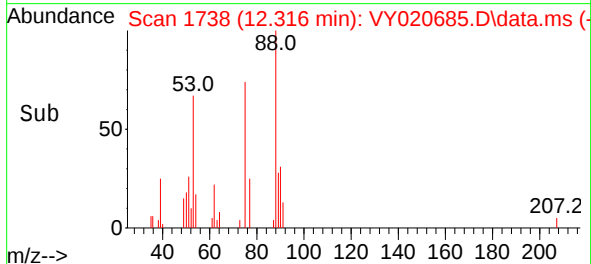
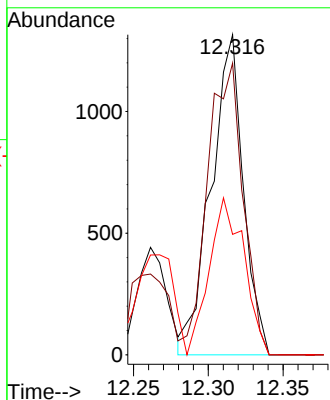
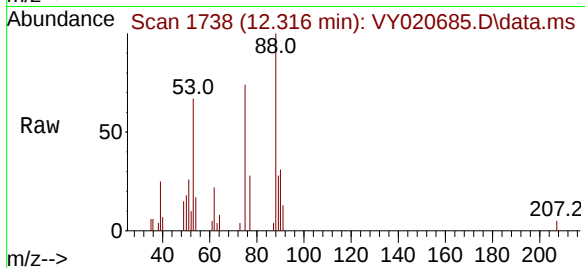




#81
trans-1,4-Dichloro-2-butene
Concen: 9.632 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

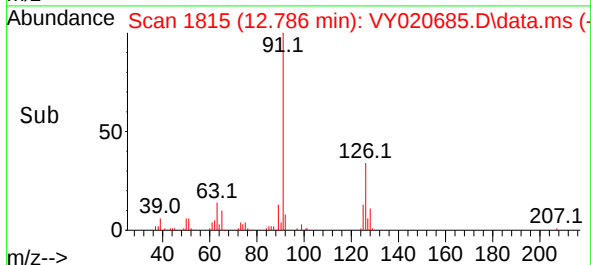
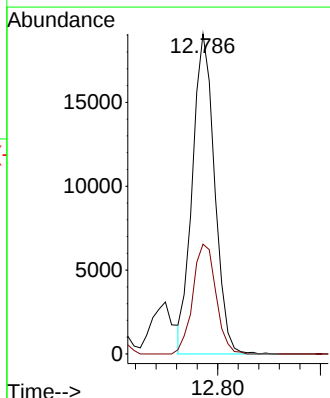
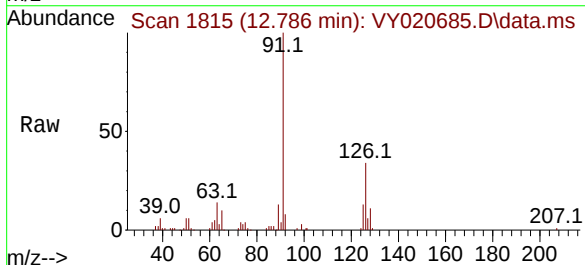
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

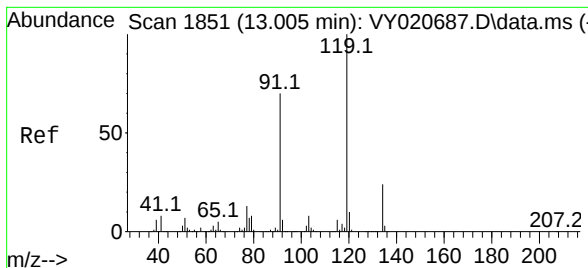
Tgt Ion: 75 Resp: 1974
Ion Ratio Lower Upper
75 100
53 100.4 83.1 124.7
89 52.6 40.6 61.0



#82
4-Chlorotoluene
Concen: 9.947 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion: 91 Resp: 28608
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.5





#83

tert-Butylbenzene

Concen: 9.940 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

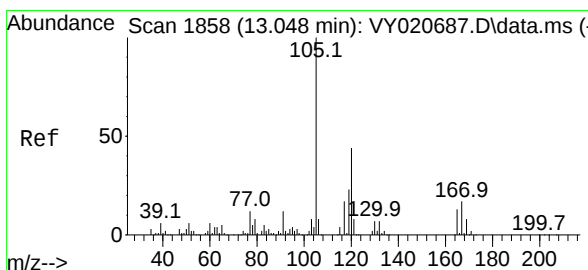
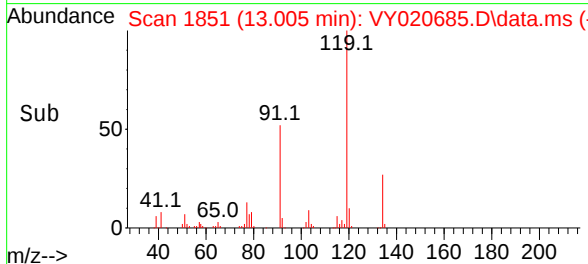
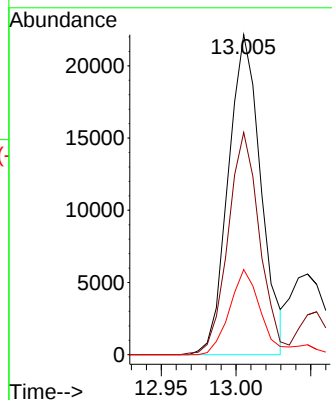
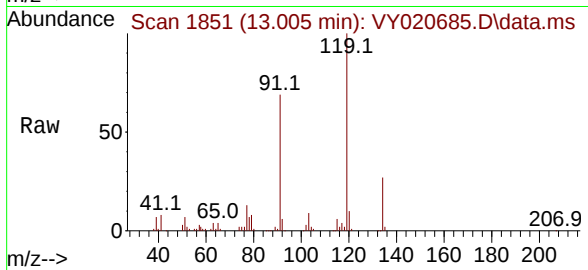
Tgt Ion:119 Resp: 33707

Ion Ratio Lower Upper

119 100

91 67.4 33.6 100.8

134 25.2 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 9.975 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020685.D

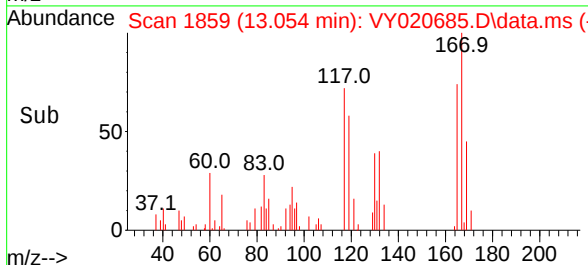
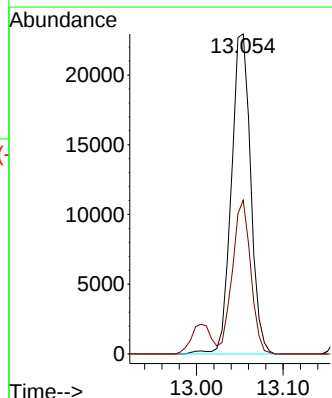
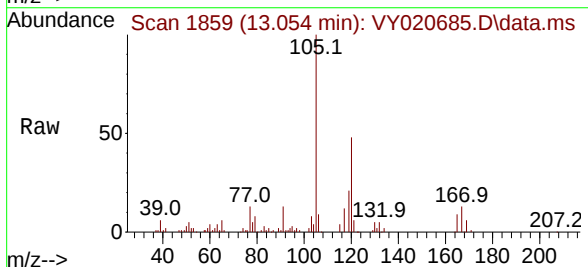
Acq: 23 Dec 2024 11:53

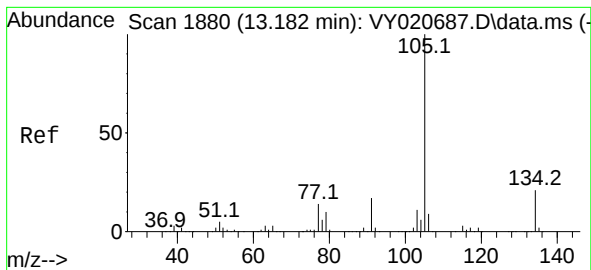
Tgt Ion:105 Resp: 35512

Ion Ratio Lower Upper

105 100

120 45.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 9.882 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

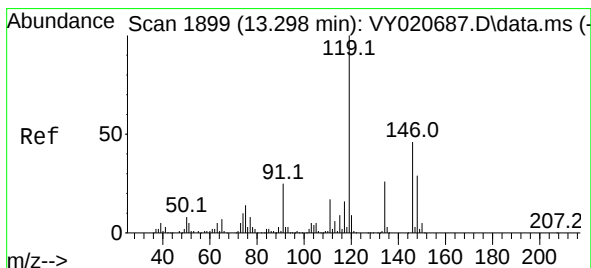
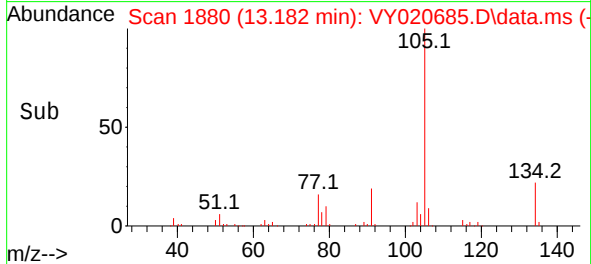
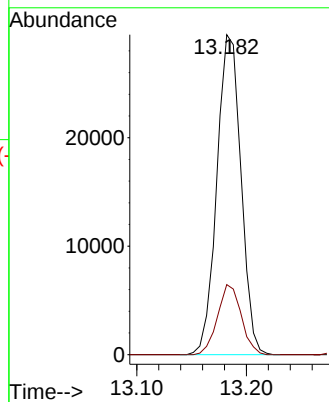
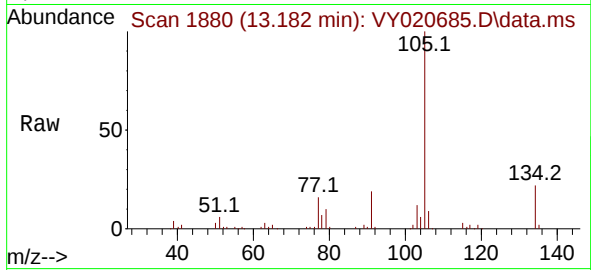
VSTDIC010

Tgt Ion:105 Resp: 45121

Ion Ratio Lower Upper

105 100

134 21.5 10.7 32.1



#86

p-Isopropyltoluene

Concen: 9.762 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

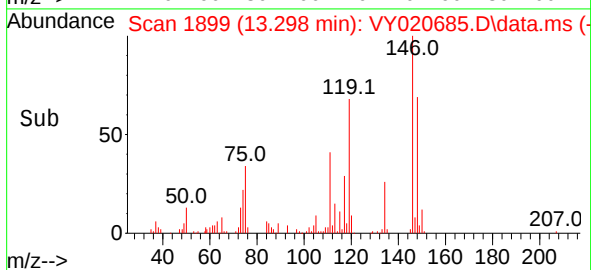
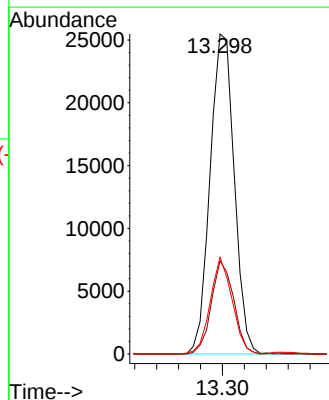
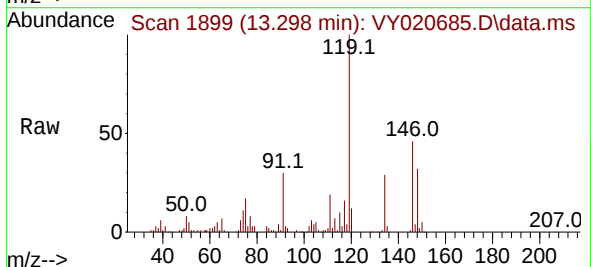
Tgt Ion:119 Resp: 38967

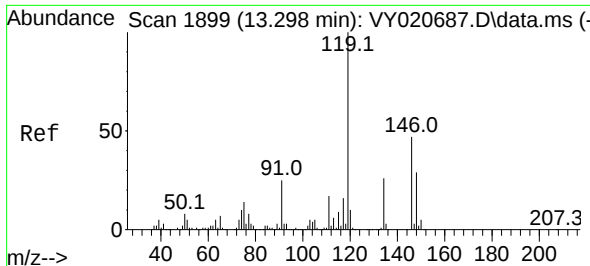
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 27.4 12.9 38.6

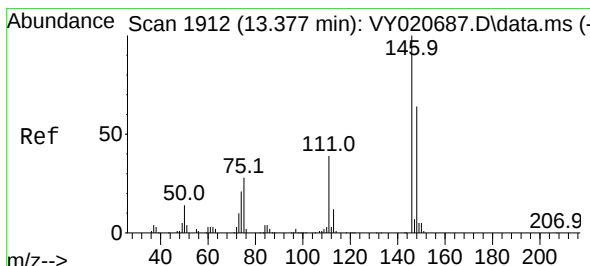
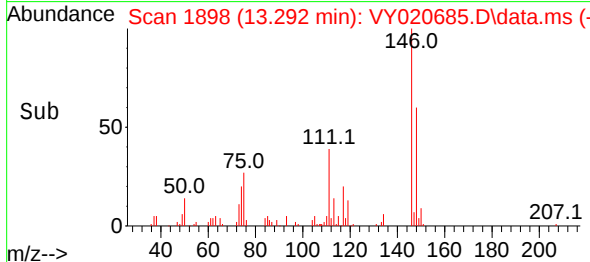
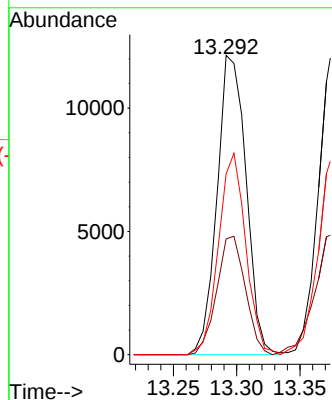
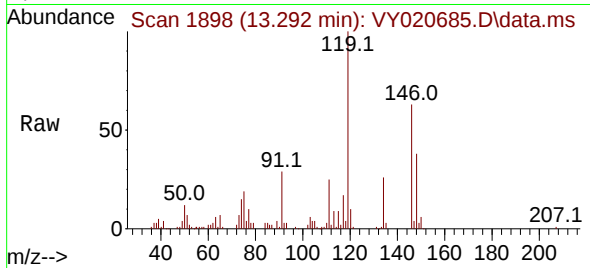




#87
1,3-Dichlorobenzene
Concen: 9.961 ug/l
RT: 13.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

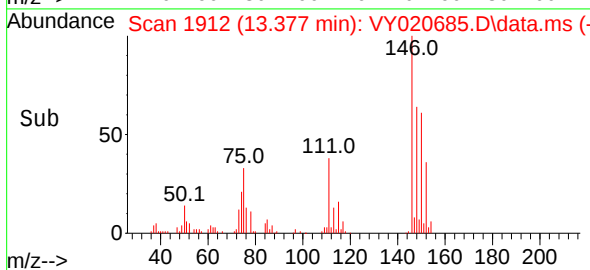
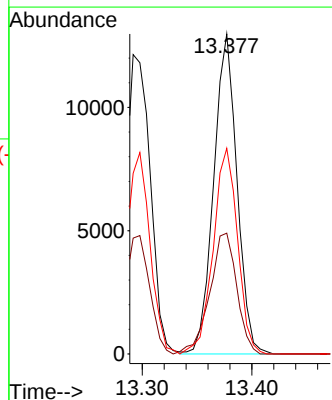
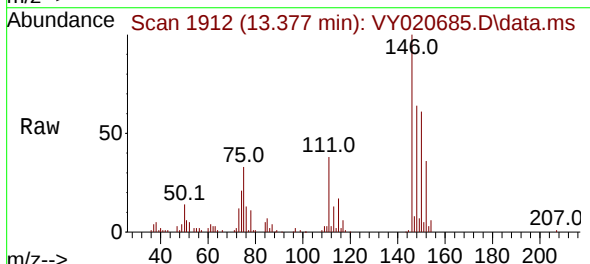
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

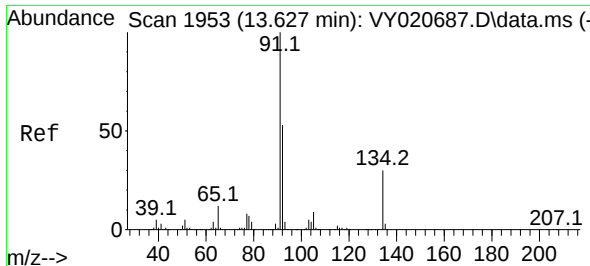
Tgt Ion:146 Resp: 19361
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.8
148 63.2 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 10.077 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VY020685.D
Acq: 23 Dec 2024 11:53

Tgt Ion:146 Resp: 19190
Ion Ratio Lower Upper
146 100
111 43.8 19.7 59.0
148 67.2 32.8 98.3





#89

n-Butylbenzene

Concen: 9.622 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

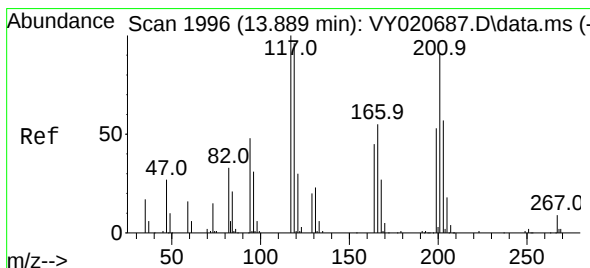
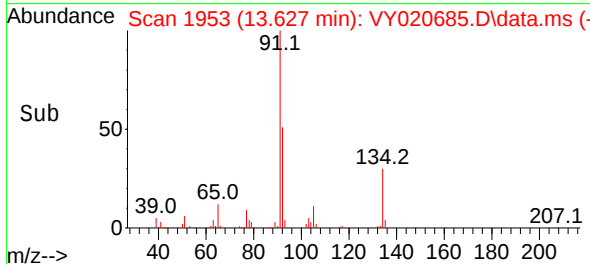
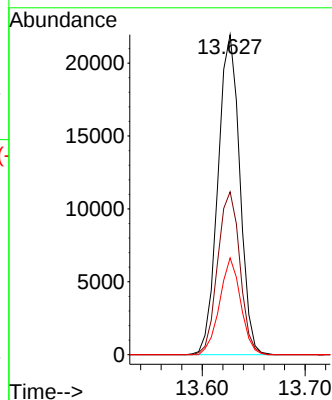
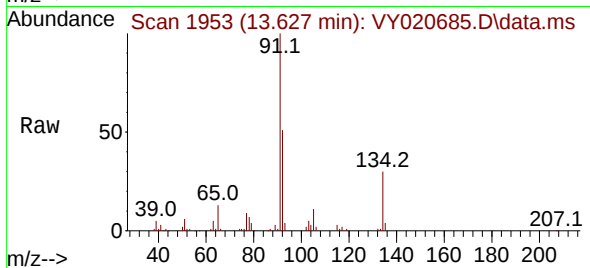
Tgt Ion: 91 Resp: 32356

Ion Ratio Lower Upper

91 100

92 51.9 26.1 78.2

134 29.2 14.8 44.4



#90

Hexachloroethane

Concen: 9.854 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020685.D

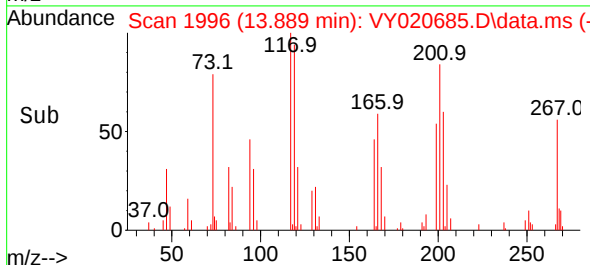
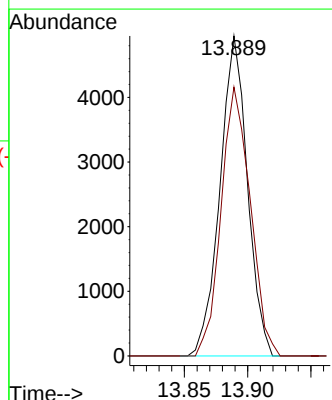
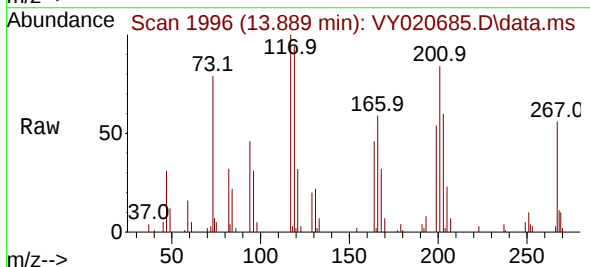
Acq: 23 Dec 2024 11:53

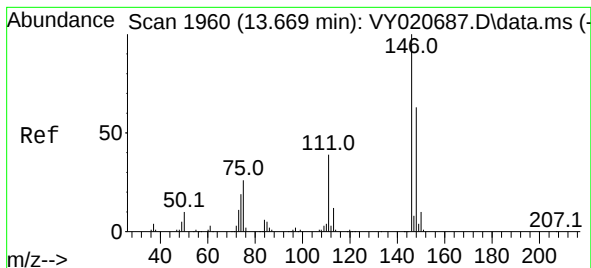
Tgt Ion: 117 Resp: 7462

Ion Ratio Lower Upper

117 100

201 89.2 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 9.996 ug/l

RT: 13.670 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

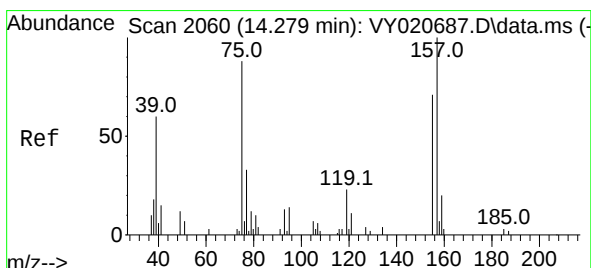
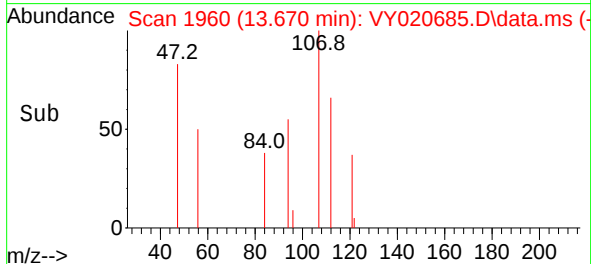
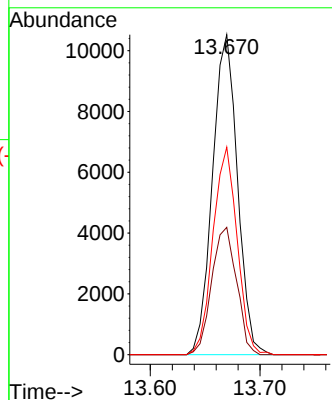
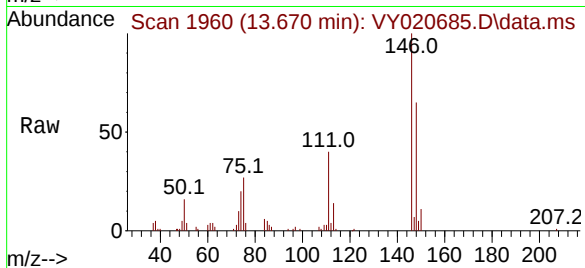
Tgt Ion:146 Resp: 16674

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.8

148 62.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.616 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

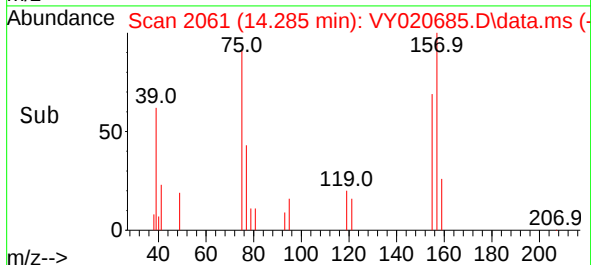
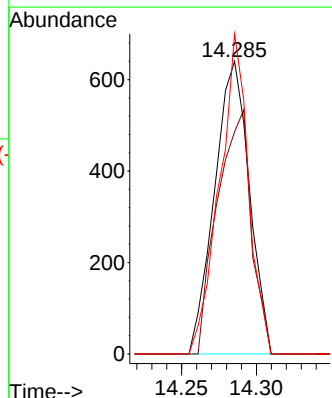
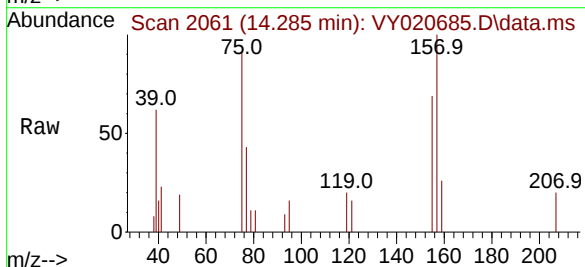
Tgt Ion: 75 Resp: 1036

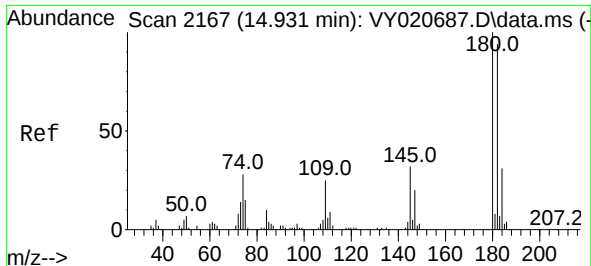
Ion Ratio Lower Upper

75 100

155 81.1 43.4 130.2

157 91.7 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 8.704 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

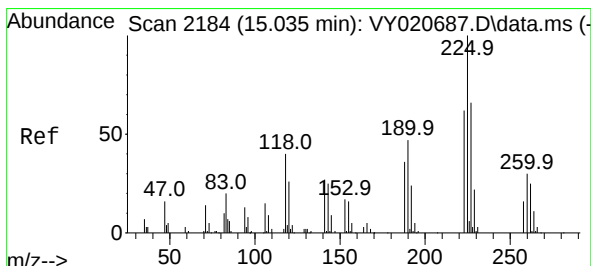
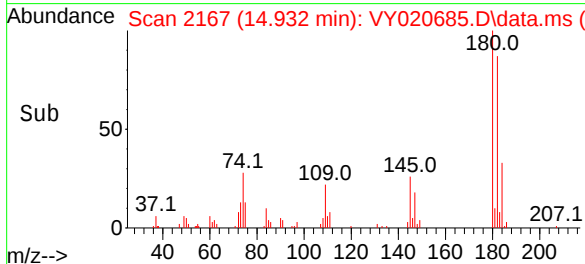
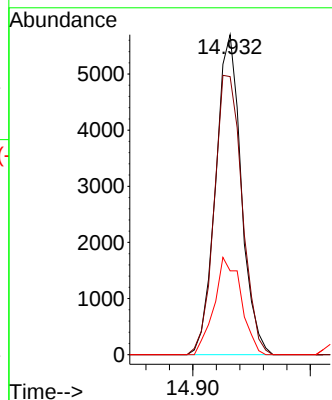
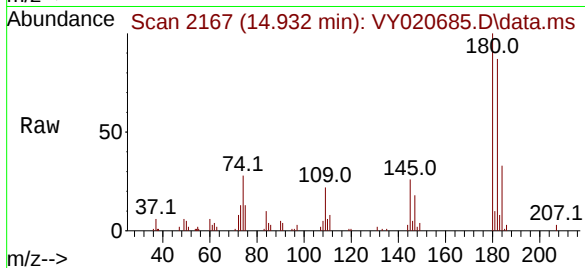
Tgt Ion:180 Resp: 8620

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 32.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 9.286 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

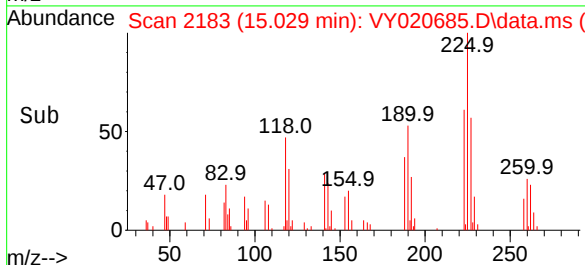
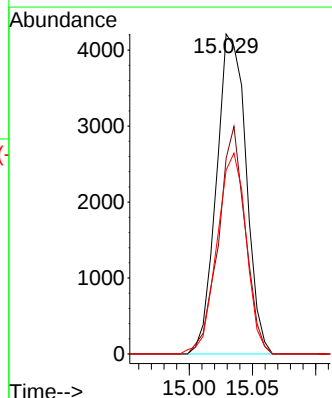
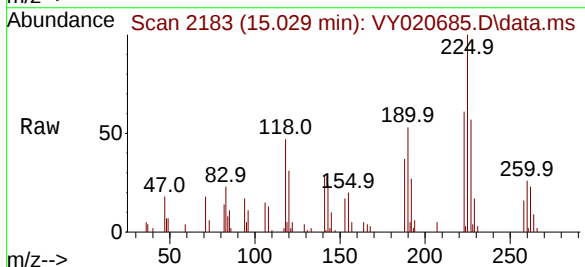
Tgt Ion:225 Resp: 6847

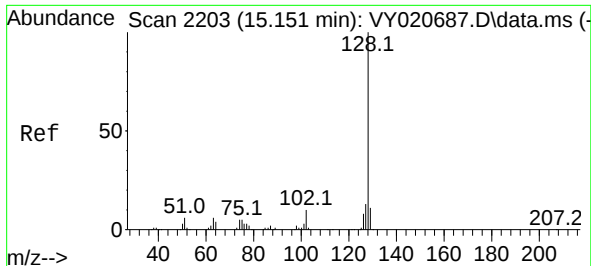
Ion Ratio Lower Upper

225 100

223 64.2 31.3 93.8

227 62.0 32.1 96.5





#95

Naphthalene

Concen: 9.985 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

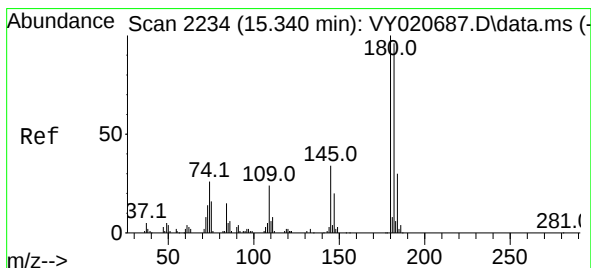
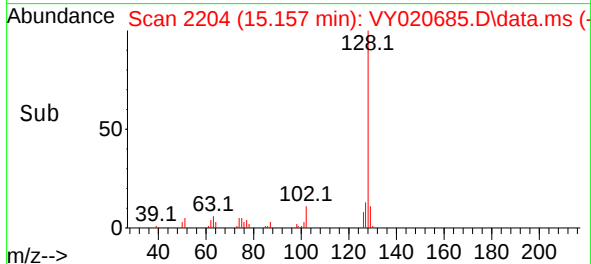
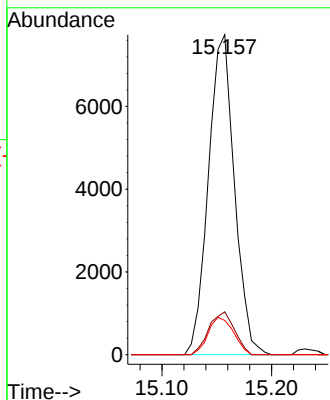
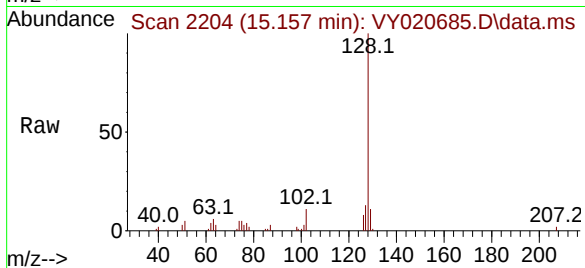
Tgt Ion:128 Resp: 12784

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 8.512 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020685.D

Acq: 23 Dec 2024 11:53

Tgt Ion:180 Resp: 7047

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.2

145 34.8 16.7 50.1

