

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020404.D
 Acq On : 22 Nov 2024 11:04
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 23:57:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	182116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	298132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	246608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	113255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	111076	53.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.180%	
35) Dibromofluoromethane	7.640	113	101764	53.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.460%	
50) Toluene-d8	10.109	98	398203	52.878	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.760%	
62) 4-Bromofluorobenzene	12.408	95	132161	54.593	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 109.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	44685	25.278	ug/l	99
3) Chloromethane	2.074	50	43774	15.743	ug/l	95
4) Vinyl Chloride	2.214	62	42648	17.586	ug/l	96
5) Bromomethane	2.604	94	24646	20.349	ug/l	98
6) Chloroethane	2.745	64	25674	18.148	ug/l	97
7) Trichlorofluoromethane	3.068	101	76847	22.803	ug/l	100
8) Diethyl Ether	3.458	74	21142	19.883	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.830	101	43231	21.540	ug/l	99
10) Methyl Iodide	4.013	142	52717	19.610	ug/l	94
11) Tert butyl alcohol	4.872	59	14325	87.581	ug/l	100
12) 1,1-Dichloroethene	3.799	96	41271	20.774	ug/l	99
13) Acrolein	3.665	56	16167	124.786	ug/l	99
14) Allyl chloride	4.397	41	72760	18.940	ug/l	95
15) Acrylonitrile	5.067	53	45278	96.329	ug/l	99
16) Acetone	3.879	43	47644	94.987	ug/l	92
17) Carbon Disulfide	4.116	76	130774	19.539	ug/l	100
18) Methyl Acetate	4.391	43	20951	17.919	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	105998	20.539	ug/l	96
20) Methylene Chloride	4.628	84	43466	20.463	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	45023	20.405	ug/l	94
22) Diisopropyl ether	6.025	45	143258	18.922	ug/l	94
23) Vinyl Acetate	5.970	43	397626	93.983	ug/l	100
24) 1,1-Dichloroethane	5.927	63	85352	19.970	ug/l	99
25) 2-Butanone	6.909	43	65000	100.660	ug/l	99
26) 2,2-Dichloropropane	6.896	77	77236	21.864	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	52238	21.494	ug/l	98
28) Bromochloromethane	7.256	49	32981	18.335	ug/l	98
29) Tetrahydrofuran	7.268	42	37344	96.761	ug/l	99
30) Chloroform	7.433	83	87034	21.088	ug/l	99
31) Cyclohexane	7.713	56	80472	20.632	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	82882	22.871	ug/l	98
36) 1,1-Dichloropropene	7.841	75	63439	21.727	ug/l	99
37) Ethyl Acetate	6.994	43	26794	20.032	ug/l	97
38) Carbon Tetrachloride	7.823	117	75608	24.801	ug/l	98
39) Methylcyclohexane	9.115	83	82700	22.631	ug/l	99
40) Benzene	8.085	78	192195	22.461	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	15027	19.745	ug/l	98
42) 1,2-Dichloroethane	8.164	62	52455	22.711	ug/l	100
43) Isopropyl Acetate	8.201	43	53749	20.663	ug/l	96
44) Trichloroethene	8.872	130	46129	22.753	ug/l	98
45) 1,2-Dichloropropane	9.146	63	44684	21.887	ug/l	99
46) Dibromomethane	9.237	93	21891	20.921	ug/l	97
47) Bromodichloromethane	9.426	83	63732	22.063	ug/l	98
48) Methyl methacrylate	9.225	41	25223	20.282	ug/l	97
49) 1,4-Dioxane	9.231	88	4426	411.137	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	134967	102.243	ug/l	99
52) Toluene	10.176	92	117588	22.483	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	57948	21.214	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	69407	22.197	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	30154	21.710	ug/l	96
56) Ethyl methacrylate	10.444	69	41769	20.024	ug/l	94
57) 1,3-Dichloropropane	10.719	76	52320	20.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	99738	100.839	ug/l	100
59) 2-Hexanone	10.761	43	96861	103.624	ug/l	97
60) Dibromochloromethane	10.914	129	40445	22.591	ug/l	99
61) 1,2-Dibromoethane	11.018	107	27281	21.196	ug/l	99
64) Tetrachloroethene	10.652	164	40490	22.777	ug/l	95
65) Chlorobenzene	11.444	112	122560	22.290	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	41629	22.663	ug/l	98
67) Ethyl Benzene	11.524	91	228903	22.565	ug/l	100
68) m/p-Xylenes	11.633	106	166365	45.531	ug/l	98
69) o-Xylene	11.956	106	78340	22.605	ug/l	96
70) Styrene	11.975	104	132399	22.994	ug/l	99
71) Bromoform	12.133	173	22552	23.558	ug/l	100
73) Isopropylbenzene	12.261	105	219664	22.896	ug/l	100
74) N-amyl acetate	12.072	43	43939	18.952	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	32756	21.125	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	44060	41.275	ug/l #	100
77) Bromobenzene	12.536	156	43708	21.745	ug/l	98
78) n-propylbenzene	12.597	91	253646	22.029	ug/l	99
79) 2-Chlorotoluene	12.682	91	144796	21.872	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	176320	22.740	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	11280	20.706	ug/l	98
82) 4-Chlorotoluene	12.779	91	146063	21.378	ug/l	99
83) tert-Butylbenzene	13.005	119	154600	22.594	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	174090	22.647	ug/l	98
85) sec-Butylbenzene	13.182	105	221656	20.548	ug/l	100
86) p-Isopropyltoluene	13.298	119	184448	22.115	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	87940	21.637	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	87853	22.624	ug/l	99
89) n-Butylbenzene	13.621	91	171542	21.478	ug/l	99
90) Hexachloroethane	13.883	117	34288	21.300	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	75430	22.275	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5026	19.754	ug/l	95
93) 1,2,4-Trichlorobenzene	14.931	180	43522	21.257	ug/l	99
94) Hexachlorobutadiene	15.029	225	27642	22.118	ug/l	99
95) Naphthalene	15.151	128	72288	20.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	36036	20.585	ug/l	99

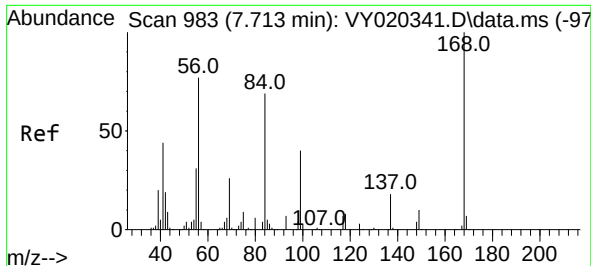
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ALS Vial : 5 Sample Multiplier: 1

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Response via : Initial Calibration

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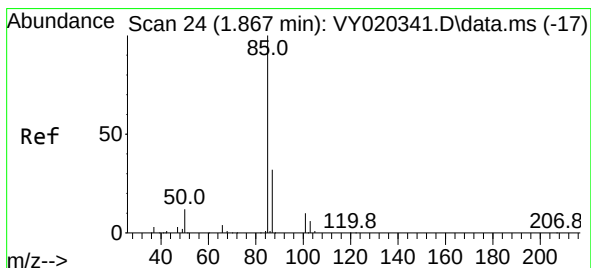
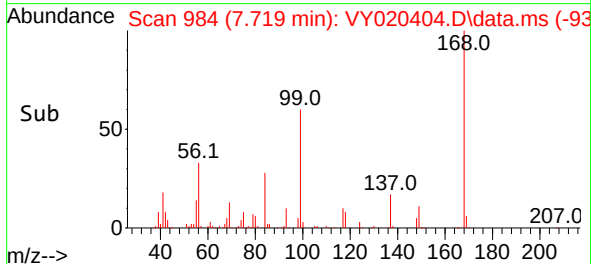
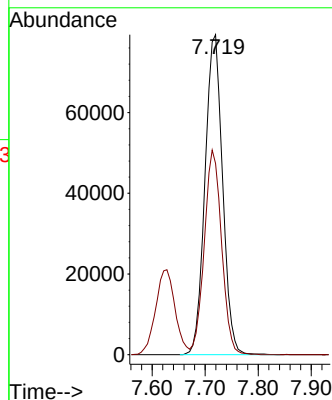
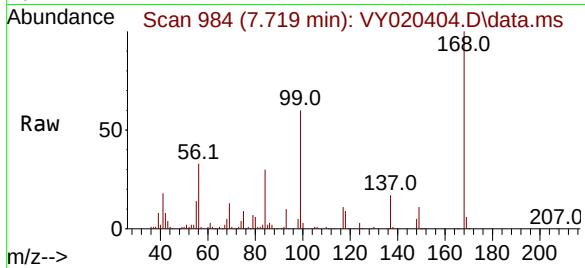
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

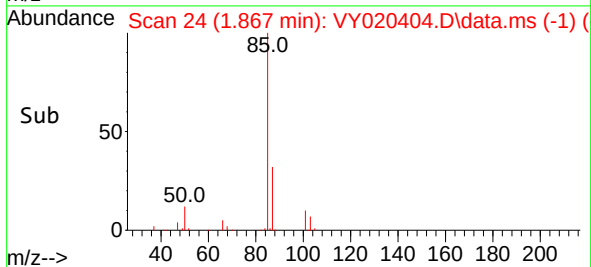
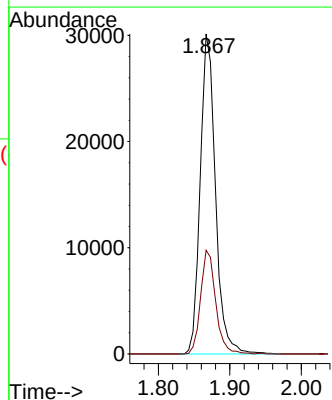
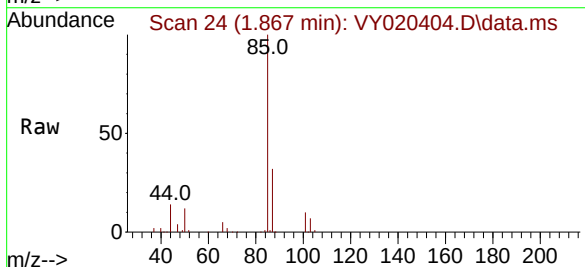
Instrument :
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ClientSampleId :

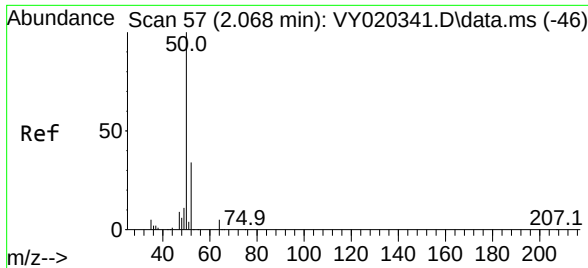
Tgt Ion:168 Resp: 182116
Ion Ratio Lower Upper
168 100
99 59.7 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 25.278 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 85 Resp: 44685
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

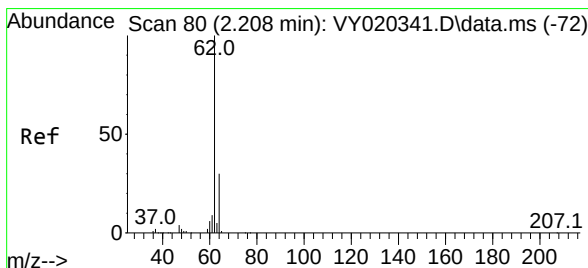
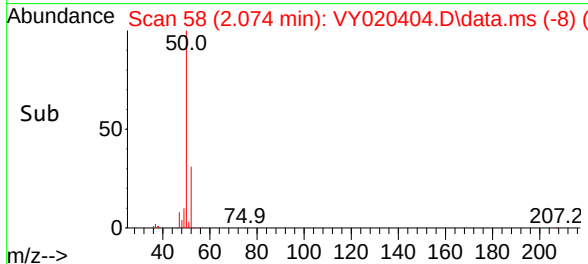
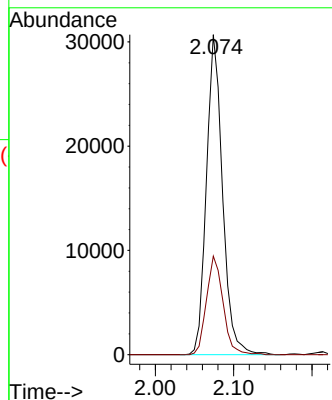
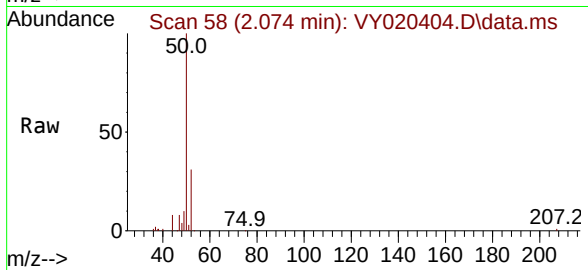




#3
Chloromethane
Concen: 15.743 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

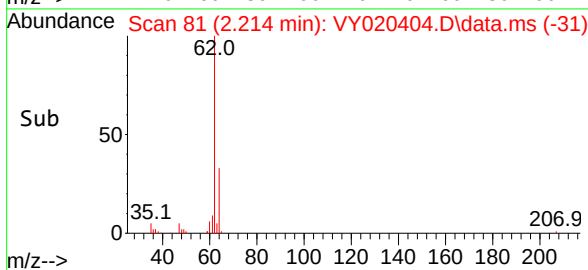
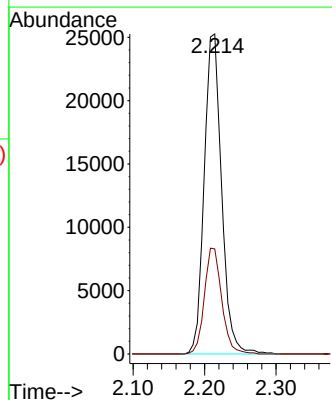
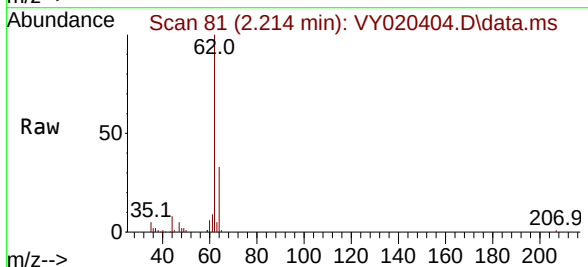
Instrument :
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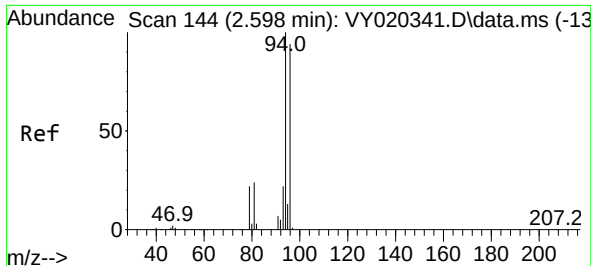
Tgt Ion: 50 Resp: 43774
Ion Ratio Lower Upper
50 100
52 30.8 26.9 40.3



#4
Vinyl Chloride
Concen: 17.586 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 62 Resp: 42648
Ion Ratio Lower Upper
62 100
64 32.9 24.7 37.1

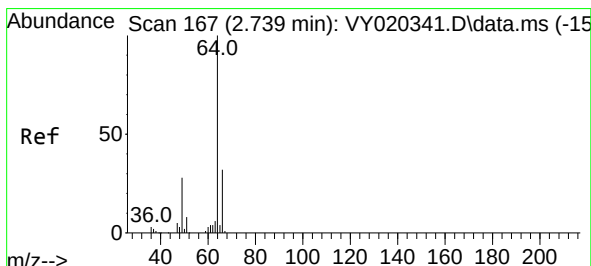
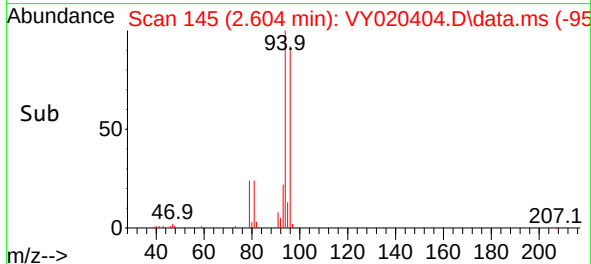
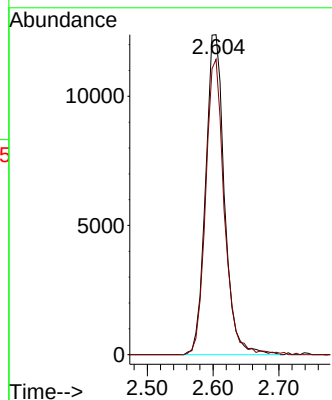
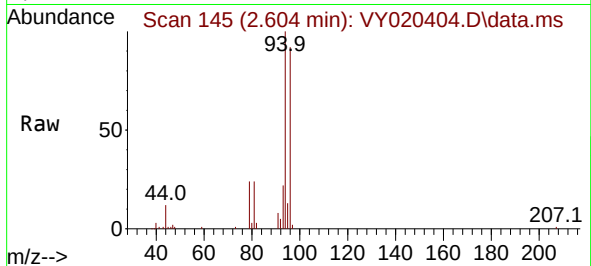




#5
Bromomethane
Concen: 20.349 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

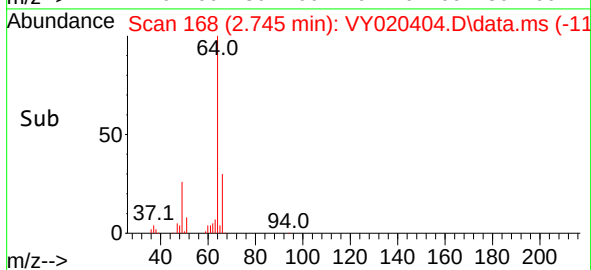
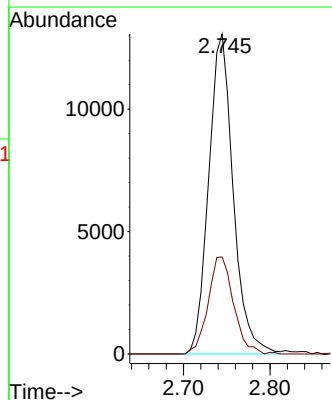
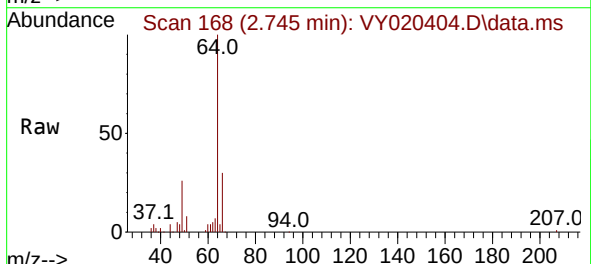
Instrument :
MSVOA_Y
ClientSampleId :

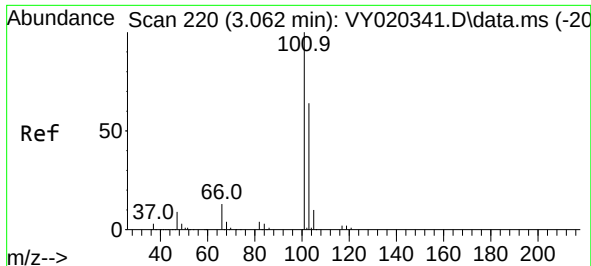
Tgt Ion: 94 Resp: 24646
Ion Ratio Lower Upper
94 100
96 92.3 75.4 113.2



#6
Chloroethane
Concen: 18.148 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 64 Resp: 25674
Ion Ratio Lower Upper
64 100
66 30.3 25.7 38.5

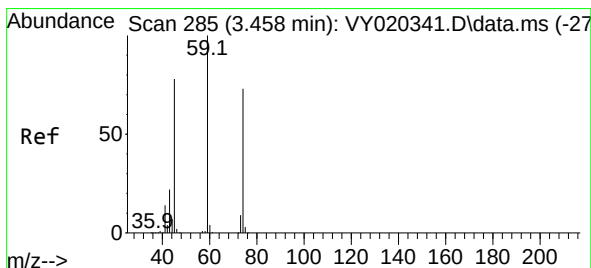
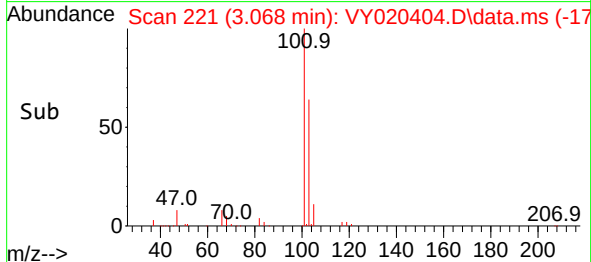
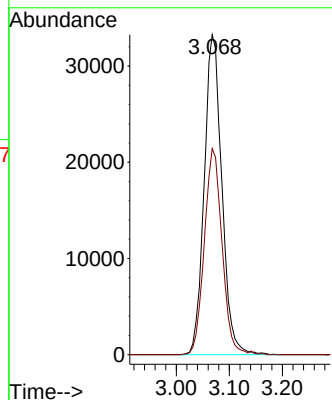
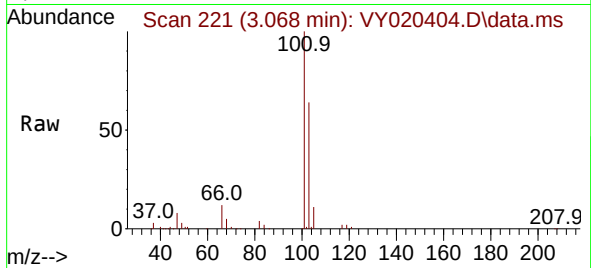




#7
Trichlorofluoromethane
Concen: 22.803 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

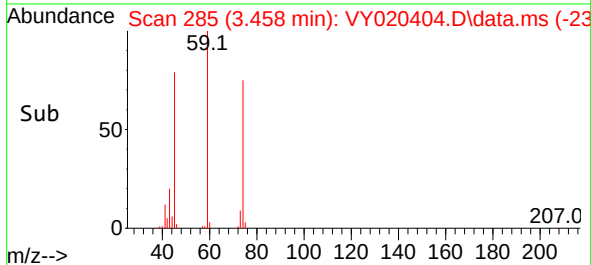
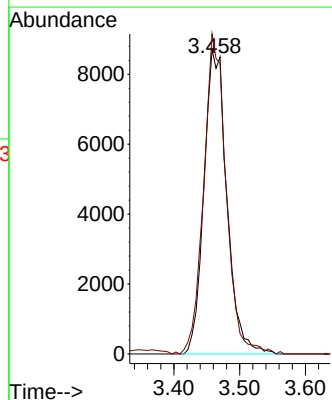
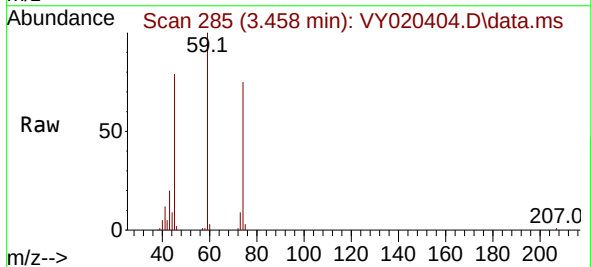
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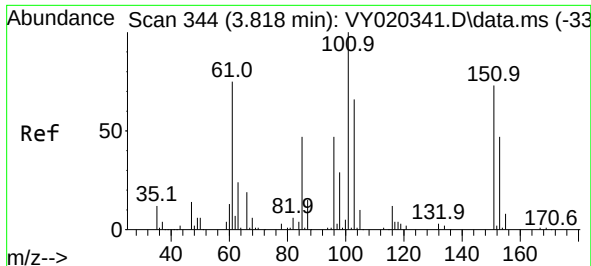
Tgt Ion:101 Resp: 76847
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3



#8
Diethyl Ether
Concen: 19.883 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 74 Resp: 21142
Ion Ratio Lower Upper
74 100
45 102.7 53.6 160.8

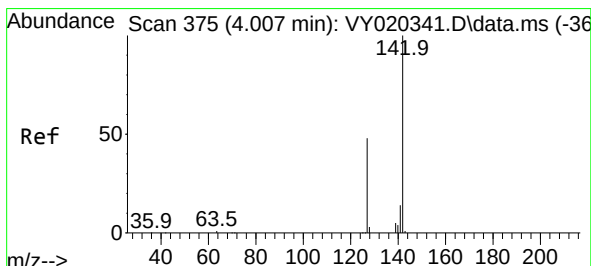
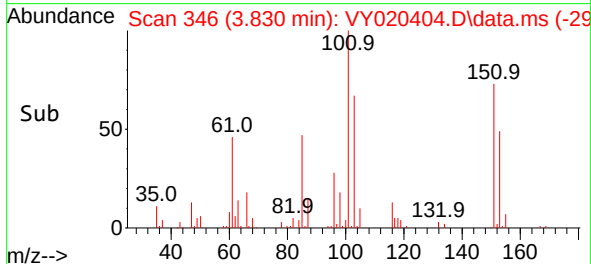
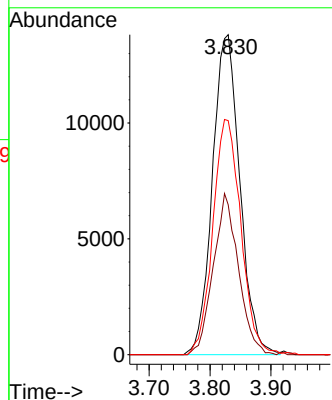
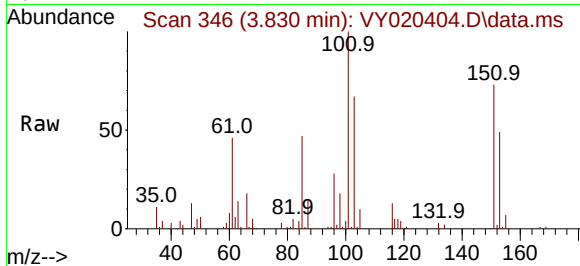




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.540 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

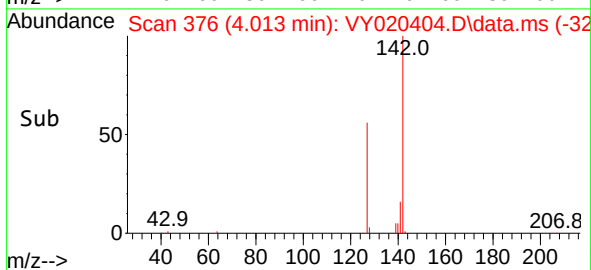
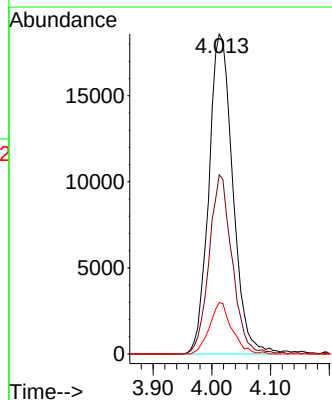
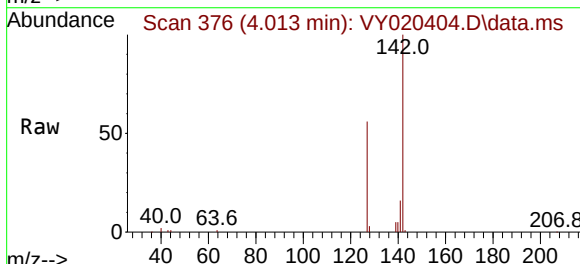
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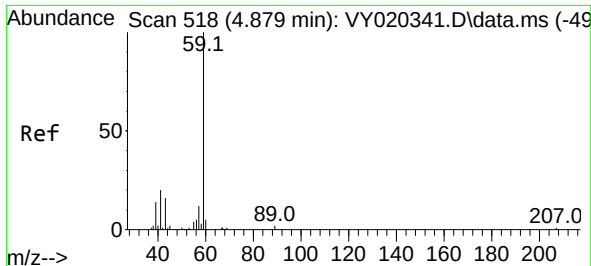
Tgt Ion:101 Resp: 43231
Ion Ratio Lower Upper
101 100
85 46.2 38.0 57.0
151 75.1 59.6 89.4



#10
Methyl Iodide
Concen: 19.610 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion:142 Resp: 52717
Ion Ratio Lower Upper
142 100
127 53.7 38.9 58.3
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 87.581 ug/l

RT: 4.872 min Scan# 518

Delta R.T. -0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

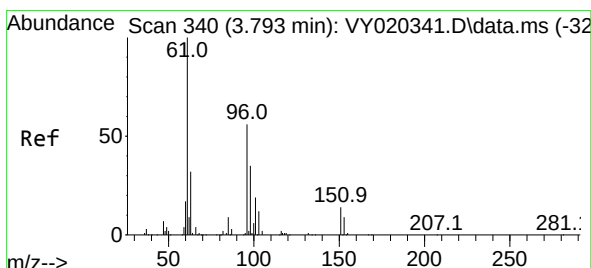
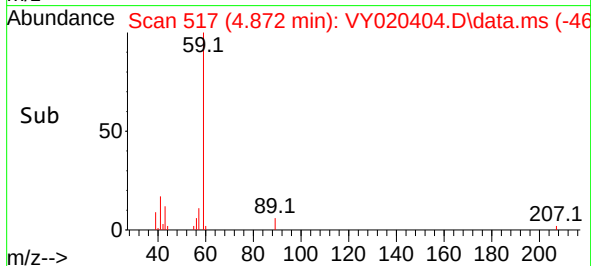
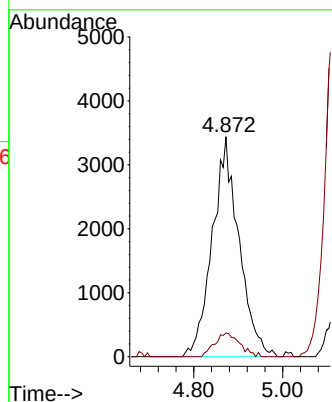
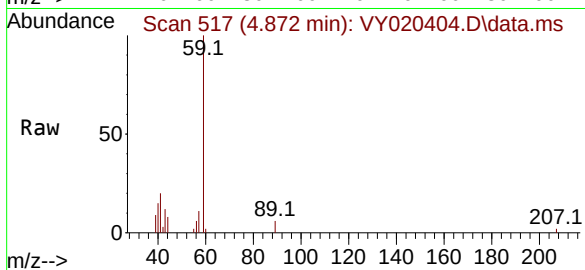
ClientSampleId :

Tgt Ion: 59 Resp: 14325

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.2



#12

1,1-Dichloroethene

Concen: 20.774 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

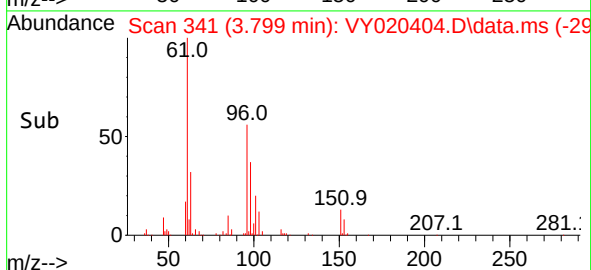
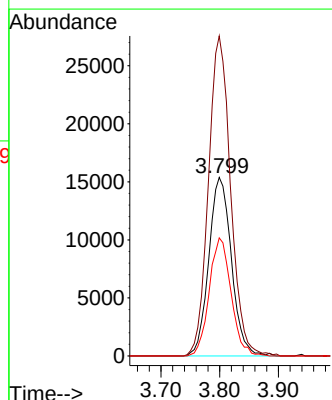
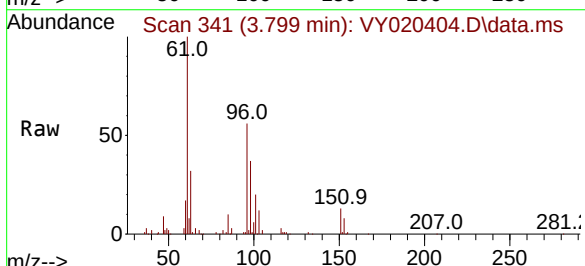
Tgt Ion: 96 Resp: 41271

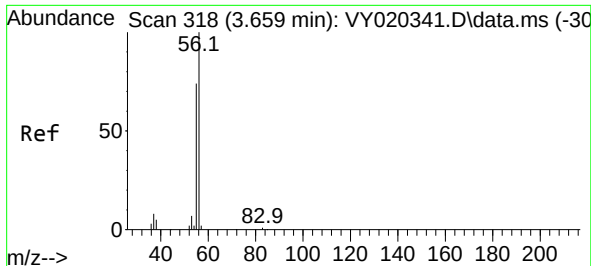
Ion Ratio Lower Upper

96 100

61 179.2 143.3 214.9

98 66.1 49.8 74.8





#13

Acrolein

Concen: 124.786 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

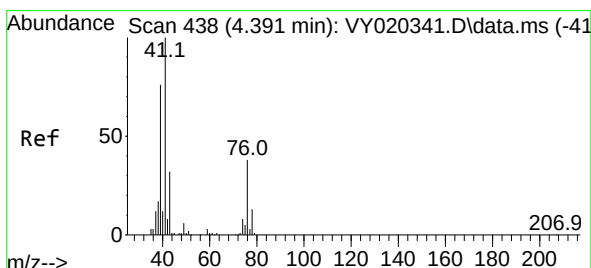
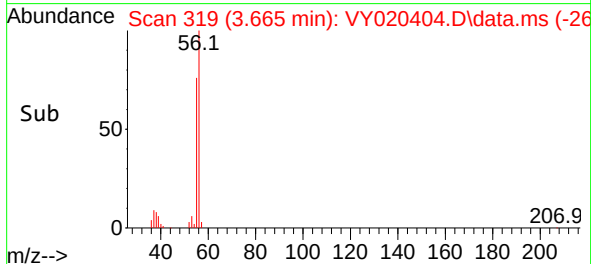
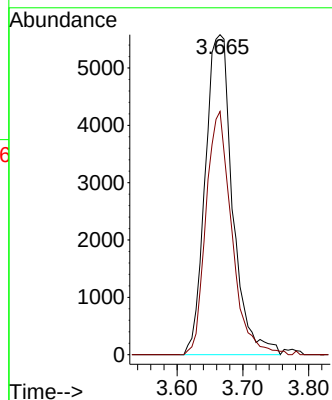
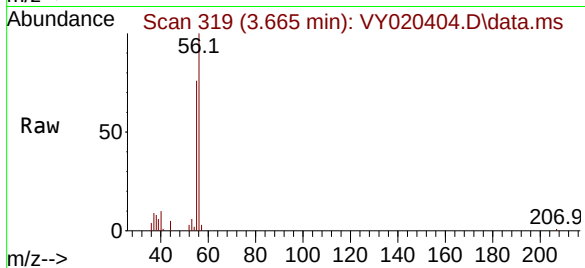
ClientSampleId :

Tgt Ion: 56 Resp: 16167

Ion Ratio Lower Upper

56 100

55 71.7 57.7 86.5



#14

Allyl chloride

Concen: 18.940 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

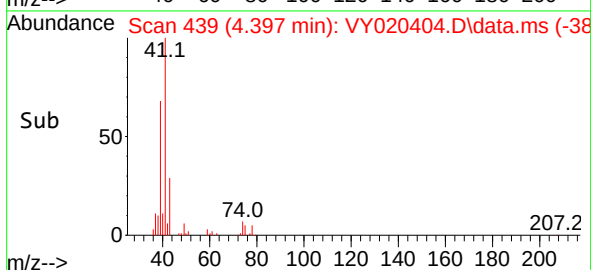
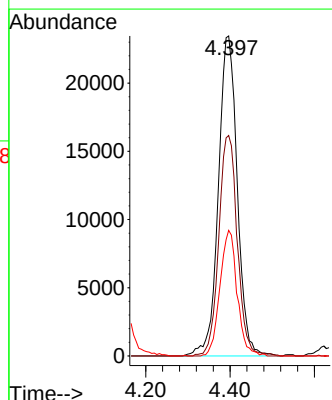
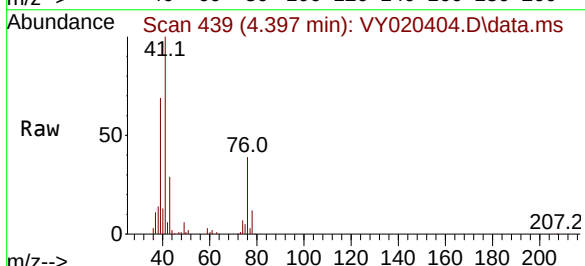
Tgt Ion: 41 Resp: 72760

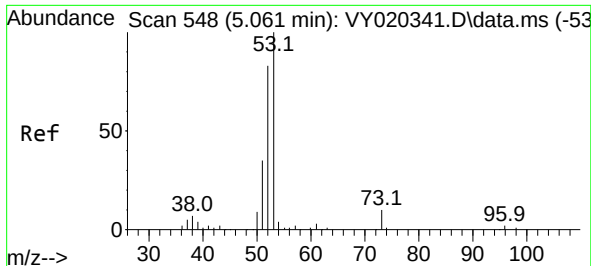
Ion Ratio Lower Upper

41 100

39 67.6 58.8 88.2

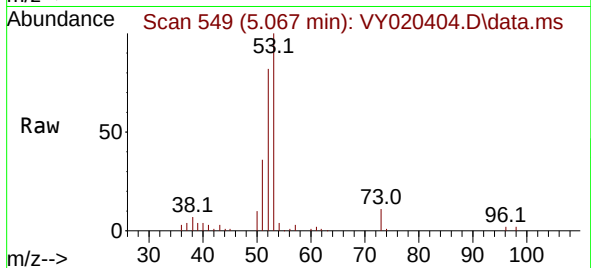
76 35.6 29.7 44.5



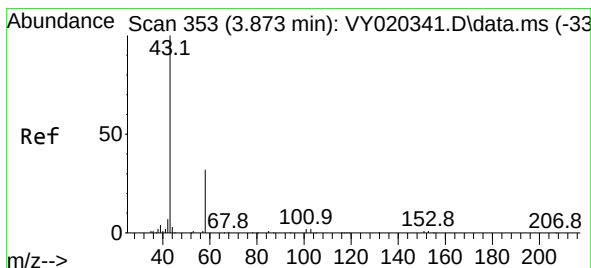
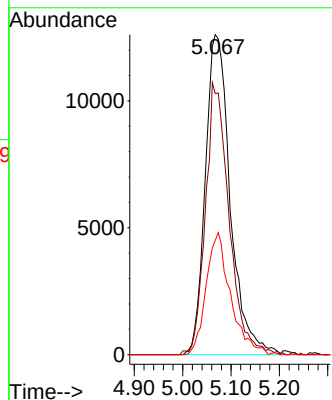
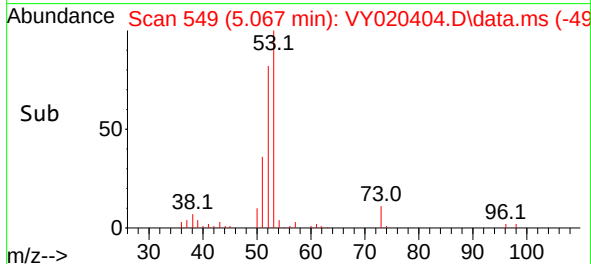


#15
Acrylonitrile
Concen: 96.329 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Instrument :
MSVOA_Y
ClientSampleId :

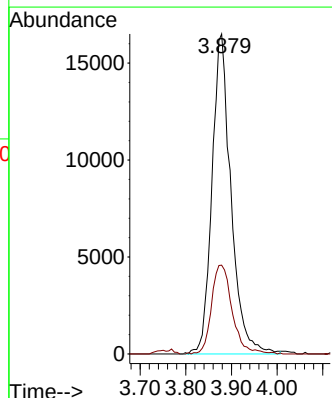
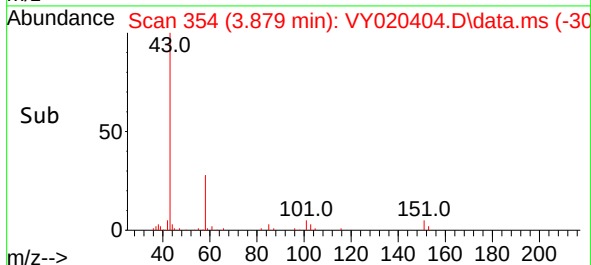
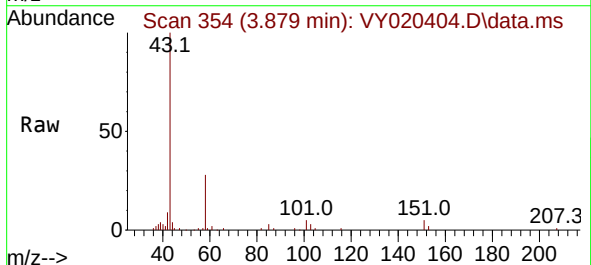


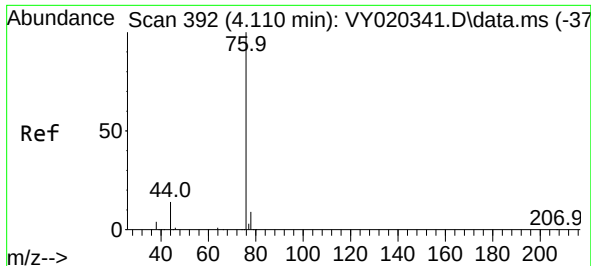
Tgt Ion: 53 Resp: 45278
Ion Ratio Lower Upper
53 100
52 80.5 65.2 97.8
51 37.3 30.2 45.4



#16
Acetone
Concen: 94.987 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 43 Resp: 47644
Ion Ratio Lower Upper
43 100
58 27.7 25.7 38.5

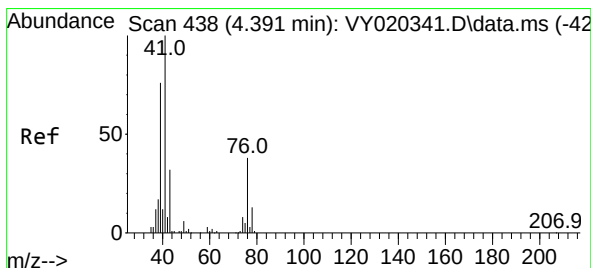
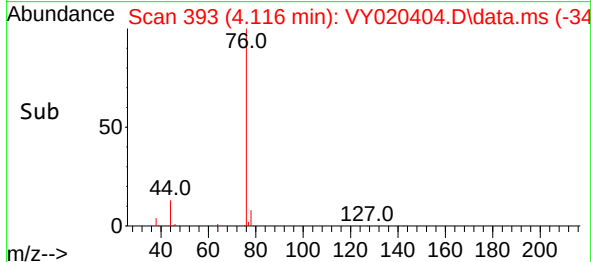
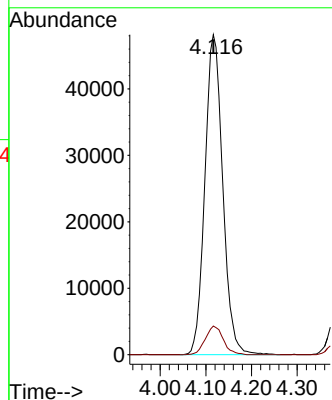
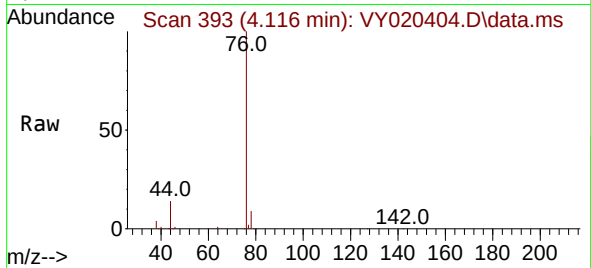




#17
Carbon Disulfide
Concen: 19.539 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

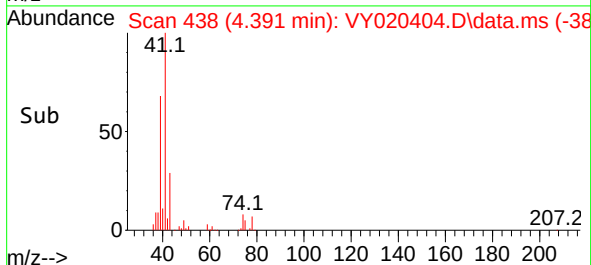
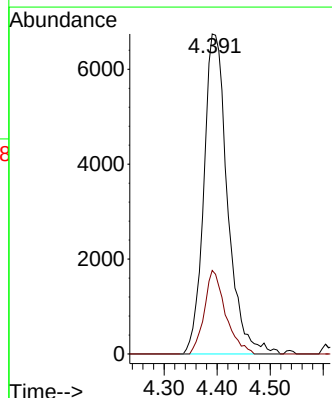
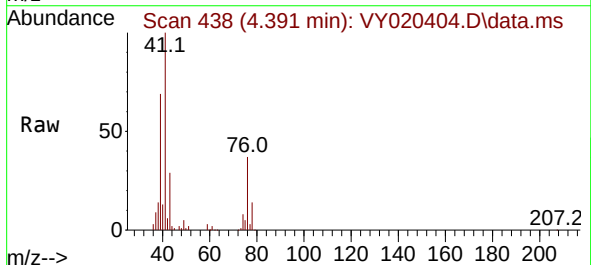
Instrument :
MSVOA_Y
ClientSampleId :

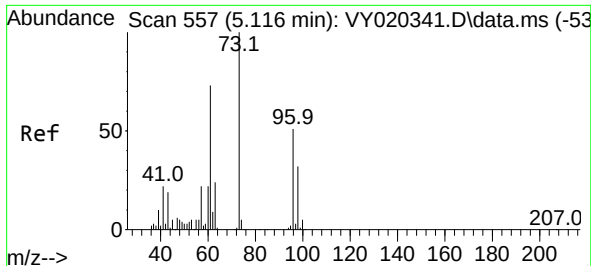
Tgt Ion: 76 Resp: 130774
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 17.919 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 43 Resp: 20951
Ion Ratio Lower Upper
43 100
74 23.3 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 20.539 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

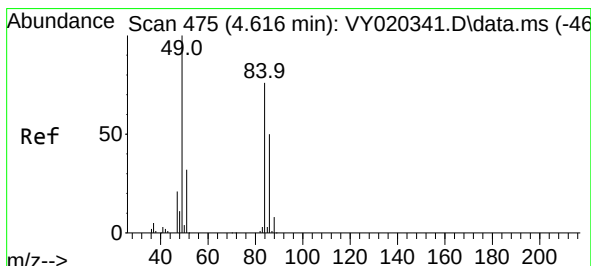
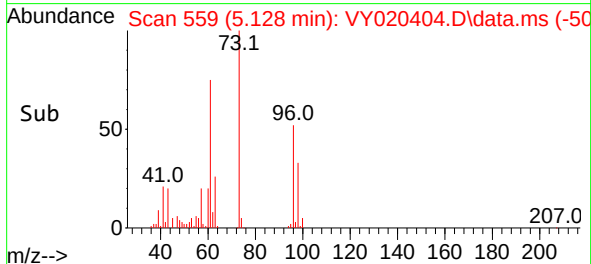
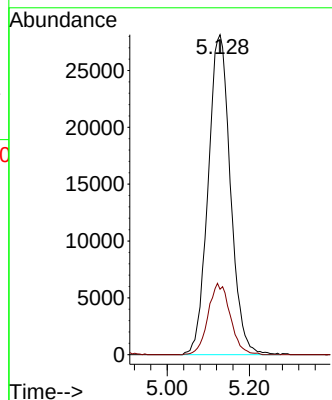
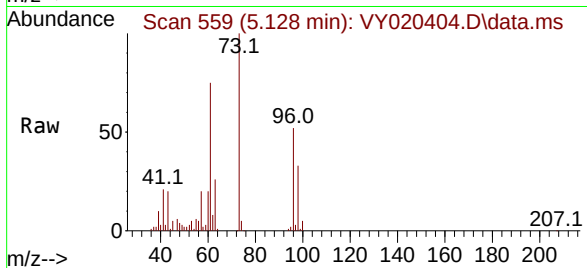
ClientSampleId :

Tgt Ion: 73 Resp: 105998

Ion Ratio Lower Upper

73 100

57 20.5 18.0 27.0



#20

Methylene Chloride

Concen: 20.463 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Tgt Ion: 84 Resp: 43466

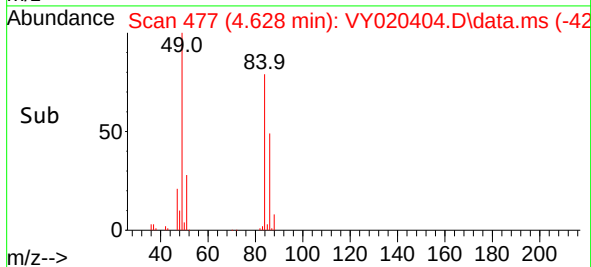
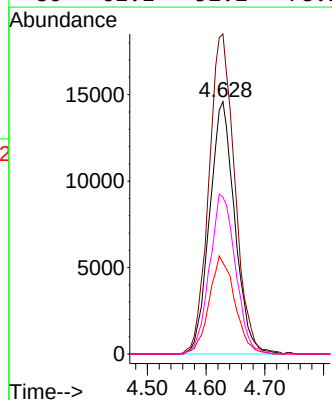
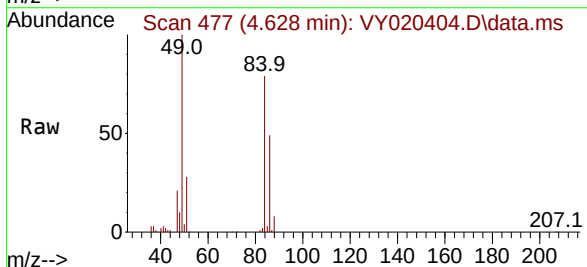
Ion Ratio Lower Upper

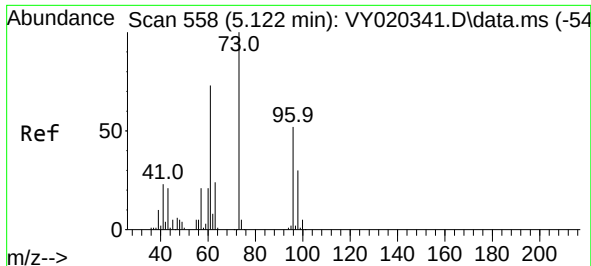
84 100

49 126.8 104.7 157.1

51 36.1 33.4 50.0

86 62.1 52.2 78.2

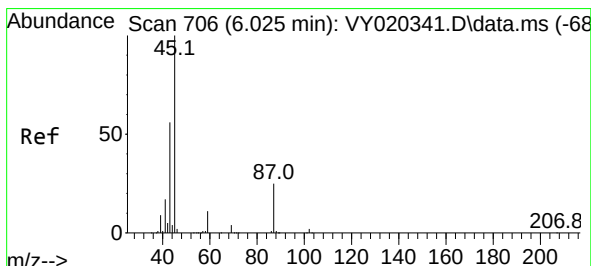
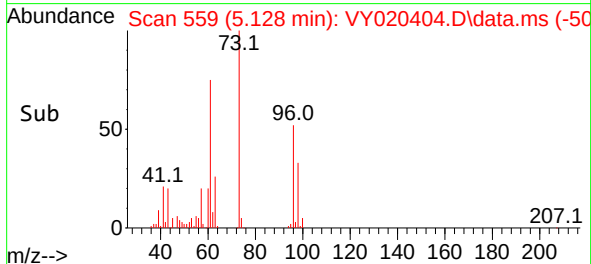
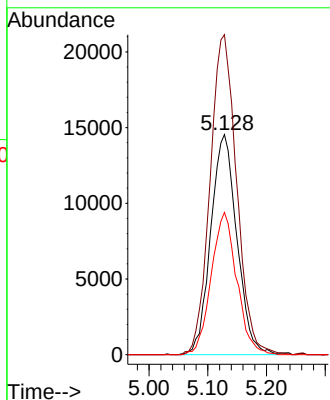
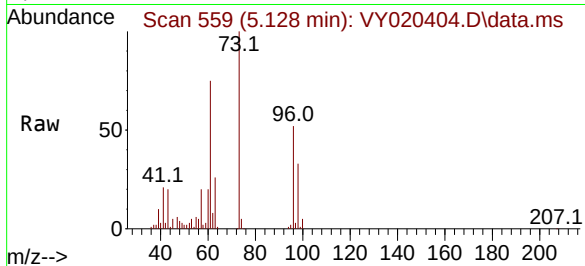




#21
trans-1,2-Dichloroethene
Concen: 20.405 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

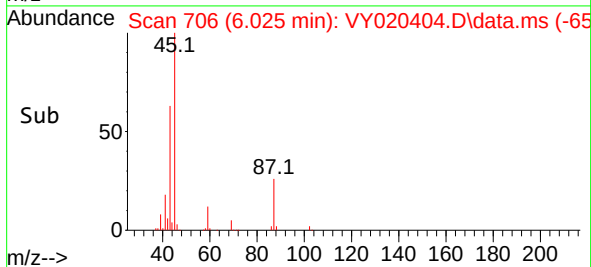
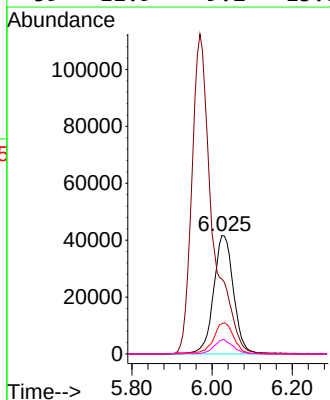
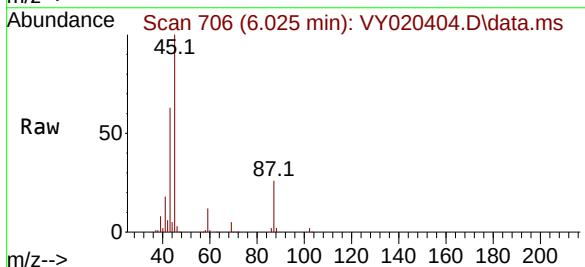
Instrument :
MSVOA_Y
ClientSampleId :

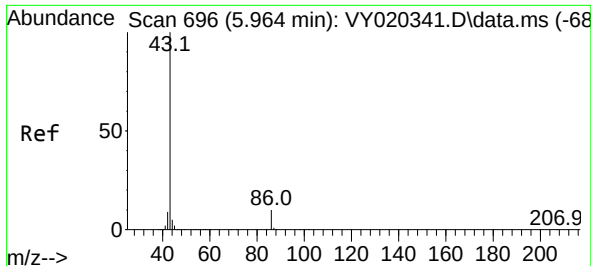
Tgt Ion: 96 Resp: 45023
Ion Ratio Lower Upper
96 100
61 145.3 111.6 167.4
98 64.6 46.7 70.1



#22
Diisopropyl ether
Concen: 18.922 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 45 Resp: 143258
Ion Ratio Lower Upper
45 100
43 62.8 44.8 67.2
87 25.6 20.6 30.8
59 11.9 9.2 13.8

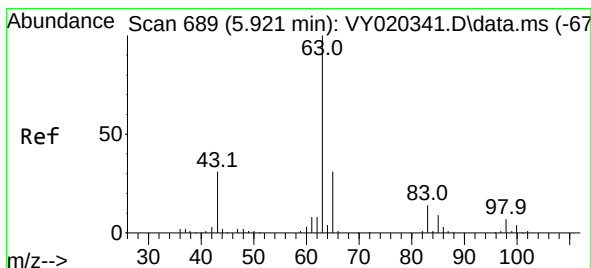
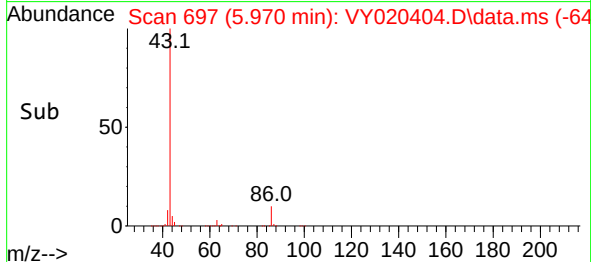
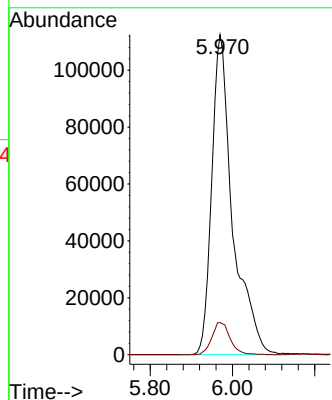
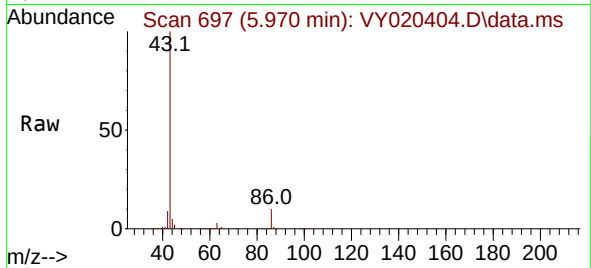




#23
 Vinyl Acetate
 Concen: 93.983 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020404.D
 Acq: 22 Nov 2024 11:04

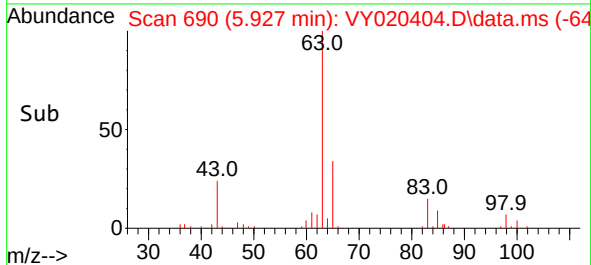
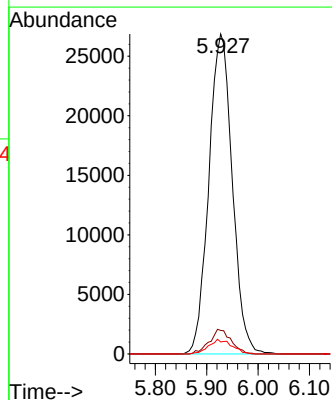
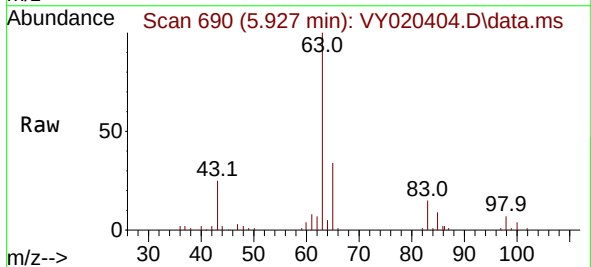
Instrument :
 MSVOA_Y
 ClientSampleId :

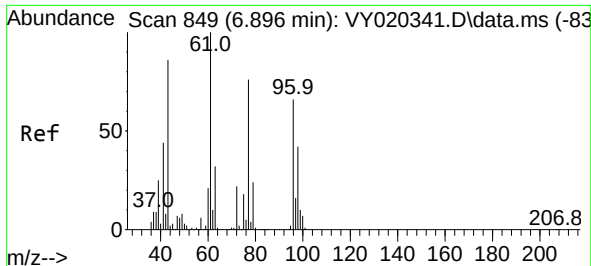
Tgt Ion: 43 Resp: 397626
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.970 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY020404.D
 Acq: 22 Nov 2024 11:04

Tgt Ion: 63 Resp: 85352
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.1
 100 3.7 2.0 5.8

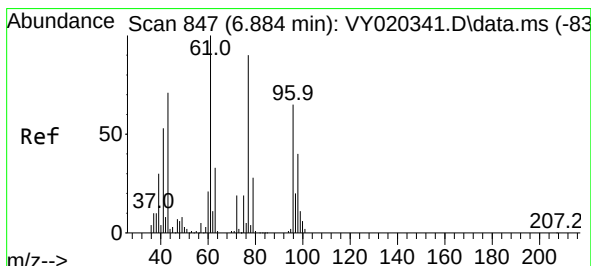
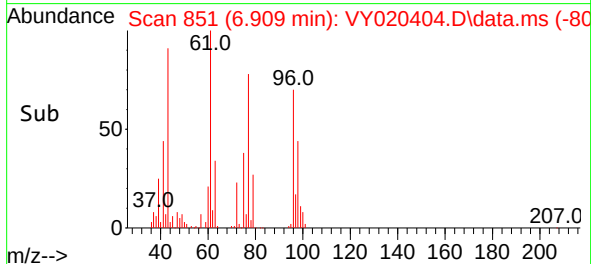
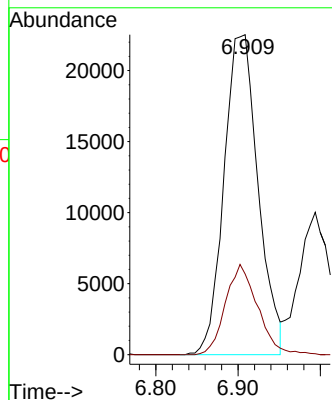
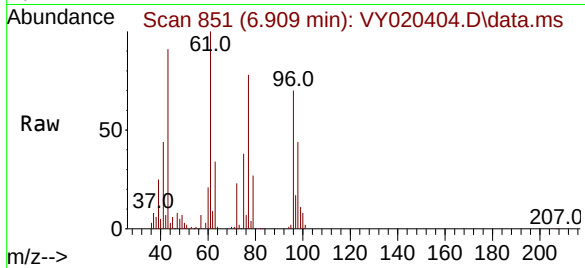




#25
2-Butanone
Concen: 100.660 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

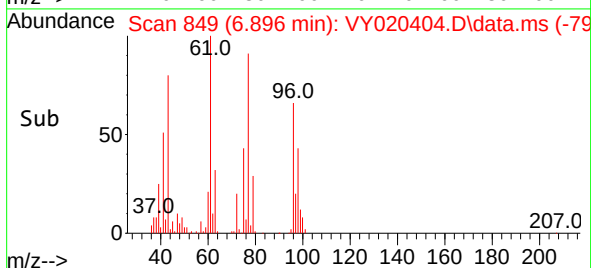
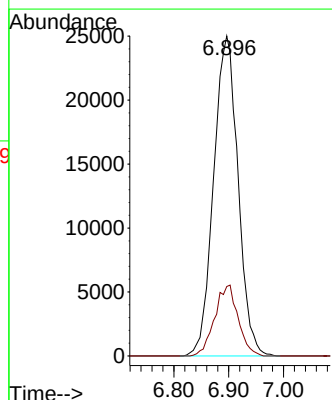
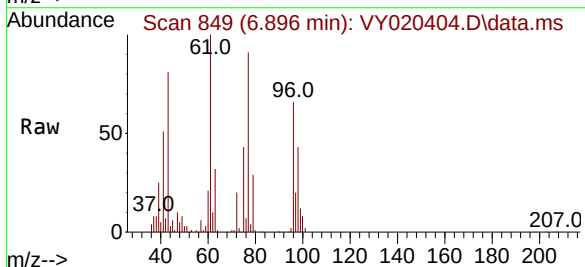
Instrument :
MSVOA_Y
ClientSampleId :

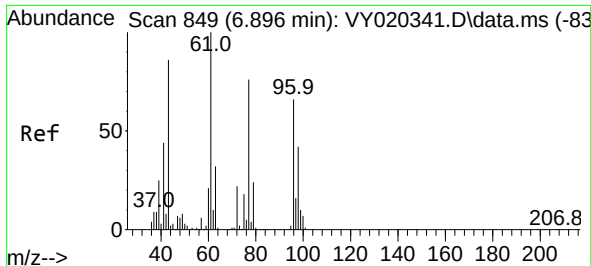
Tgt Ion: 43 Resp: 65000
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 21.864 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

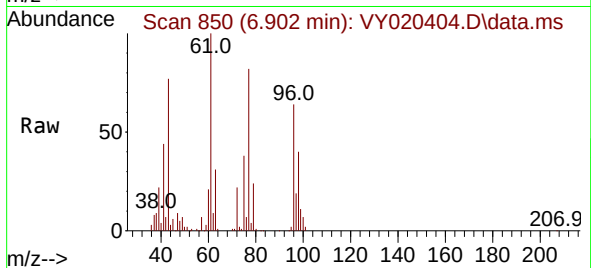
Tgt Ion: 77 Resp: 77236
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.7





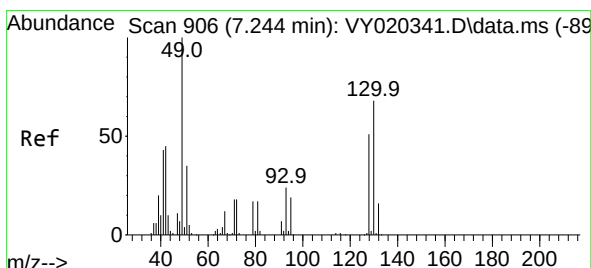
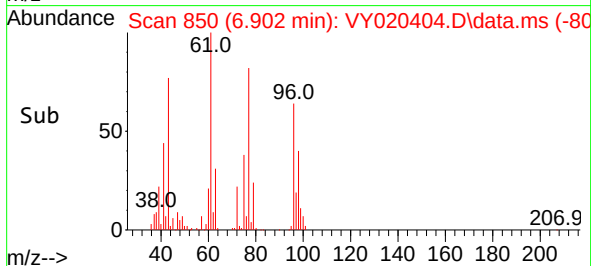
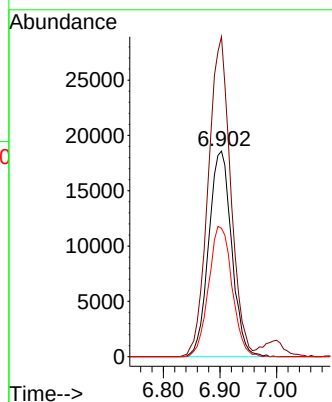
#27
 cis-1,2-Dichloroethene
 Concen: 21.494 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY020404.D
 Acq: 22 Nov 2024 11:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 52238

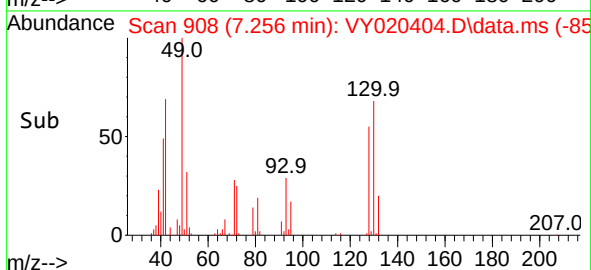
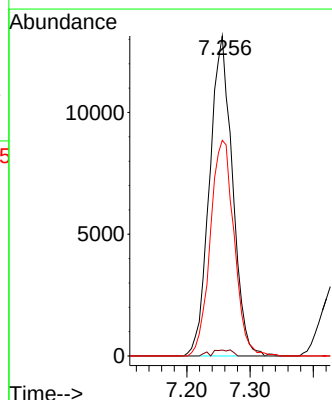
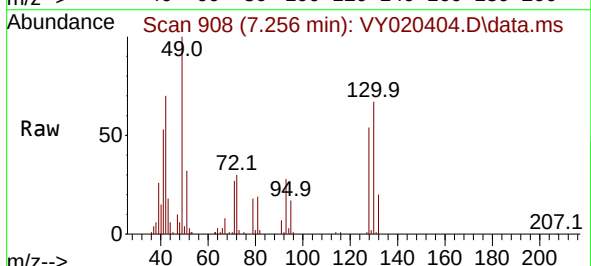
Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	312.4
98	64.6	0.0	126.8

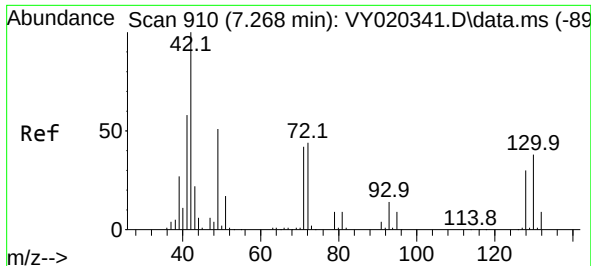


#28
 Bromochloromethane
 Concen: 18.335 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY020404.D
 Acq: 22 Nov 2024 11:04

Tgt Ion: 49 Resp: 32981

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	70.2	55.0	82.6





#29

Tetrahydrofuran

Concen: 96.761 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

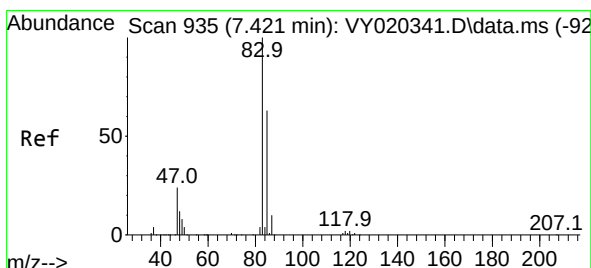
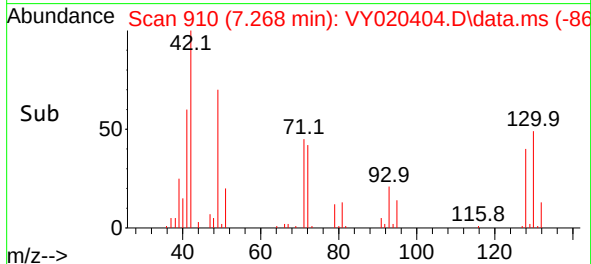
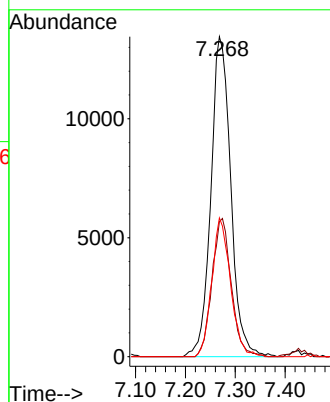
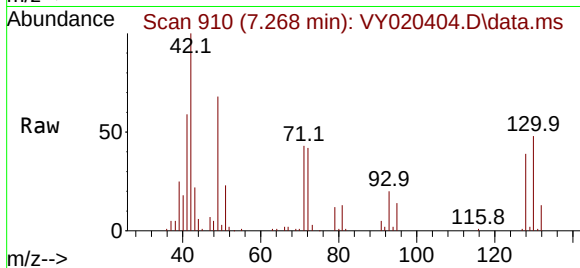
Tgt Ion: 42 Resp: 37344

Ion Ratio Lower Upper

42 100

72 41.8 33.4 50.0

71 40.8 31.9 47.9



#30

Chloroform

Concen: 21.088 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY020404.D

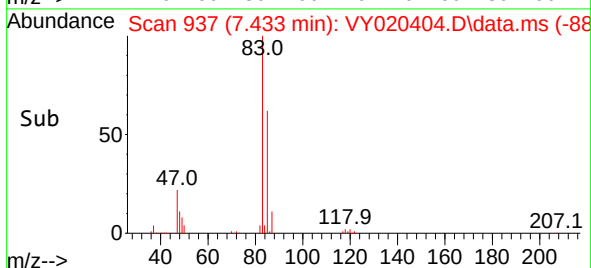
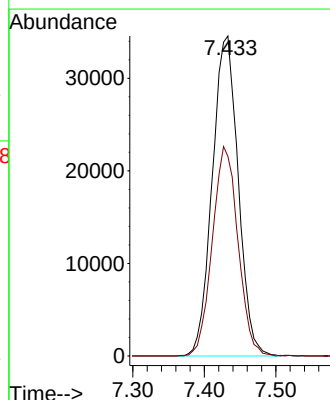
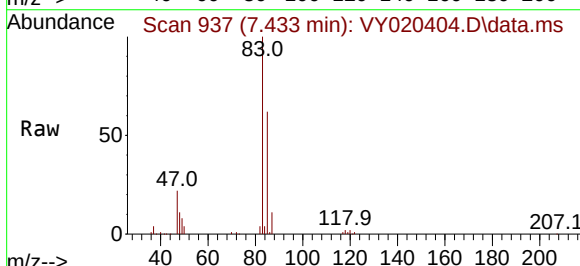
Acq: 22 Nov 2024 11:04

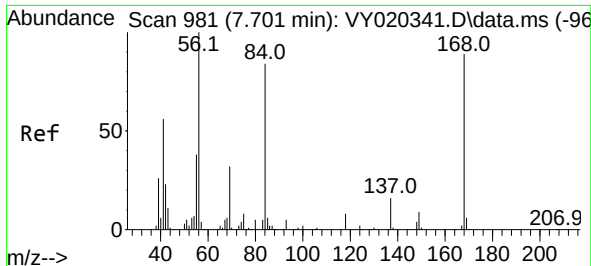
Tgt Ion: 83 Resp: 87034

Ion Ratio Lower Upper

83 100

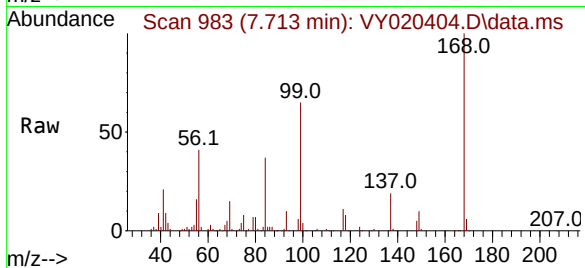
85 62.3 50.3 75.5



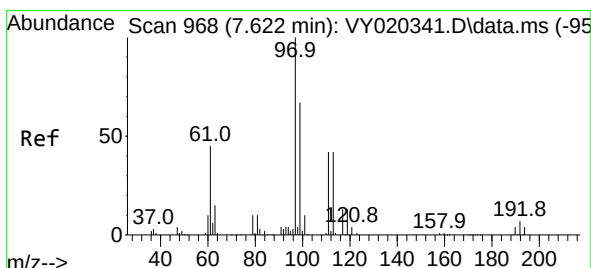
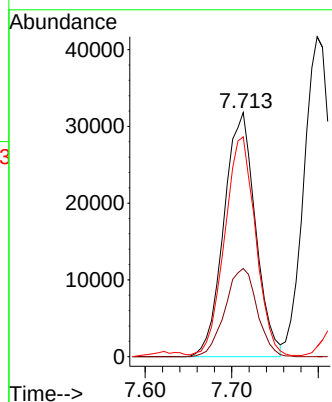
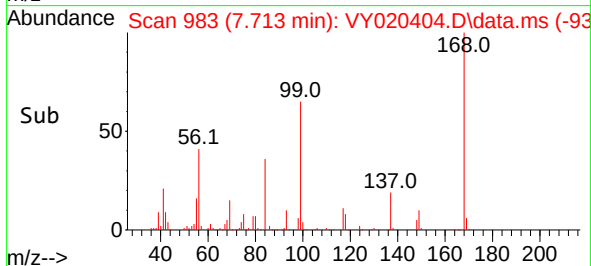


#31
Cyclohexane
Concen: 20.632 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Instrument :
MSVOA_Y
ClientSampleId :

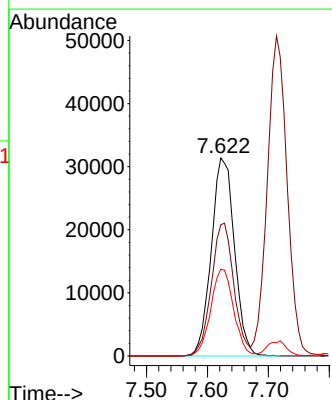
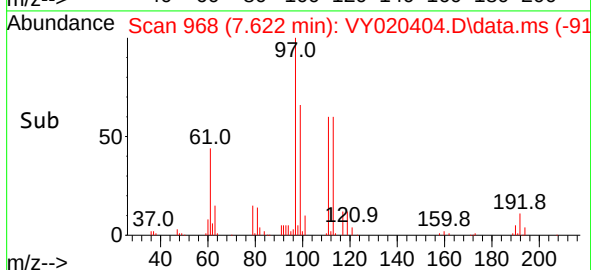
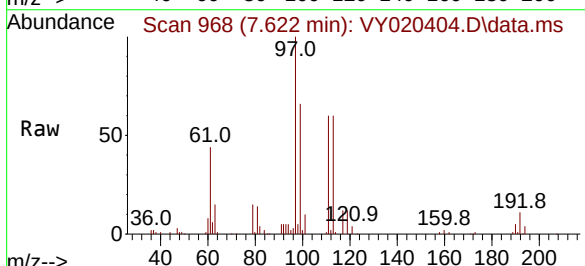


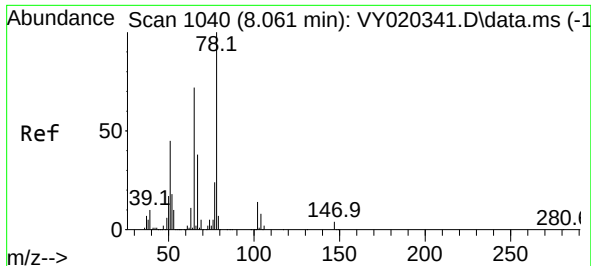
Tgt Ion: 56 Resp: 80472
Ion Ratio Lower Upper
56 100
69 36.1 25.3 37.9
84 88.4 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 22.871 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 97 Resp: 82882
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 43.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 53.088 ug/l

RT: 8.067 min Scan# 11076

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

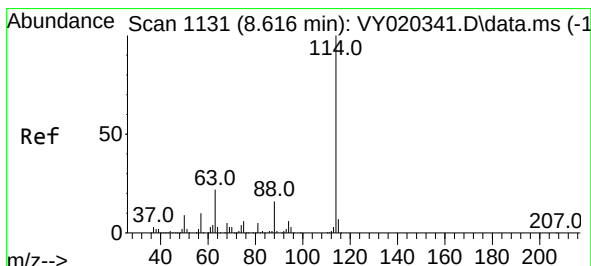
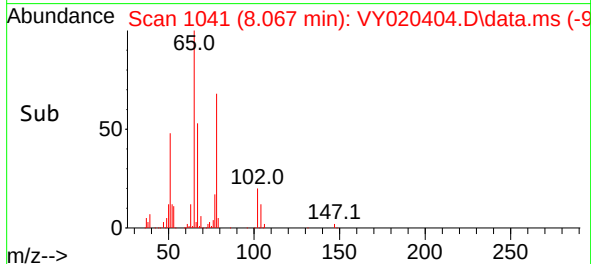
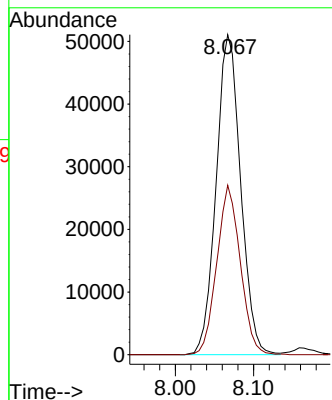
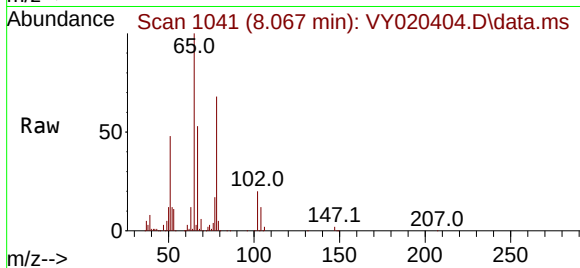
ClientSampleId :

Tgt Ion: 65 Resp: 111076

Ion Ratio Lower Upper

65 100

67 50.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

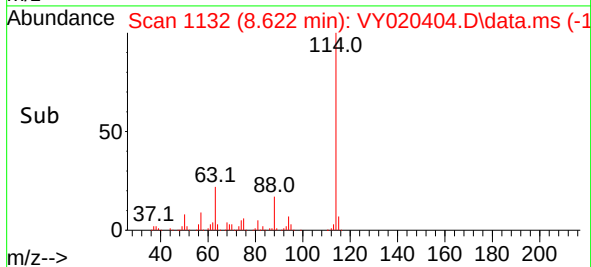
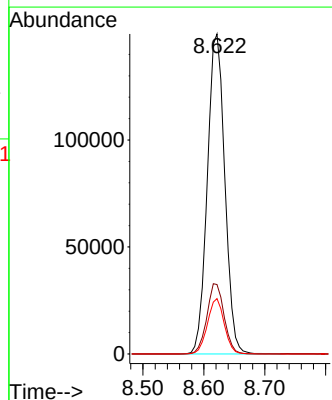
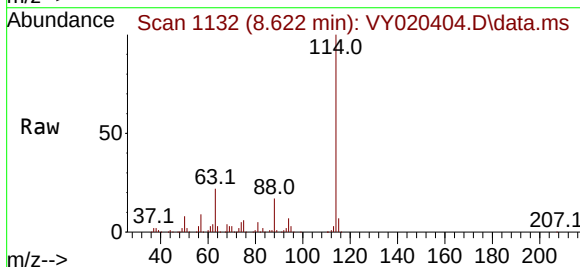
Tgt Ion: 114 Resp: 298132

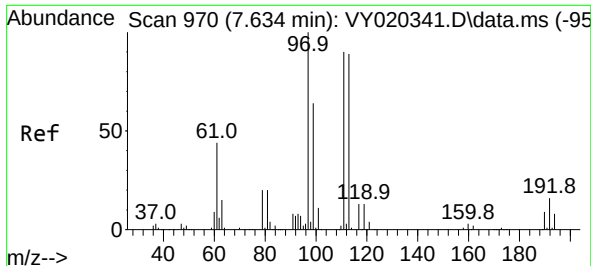
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.8

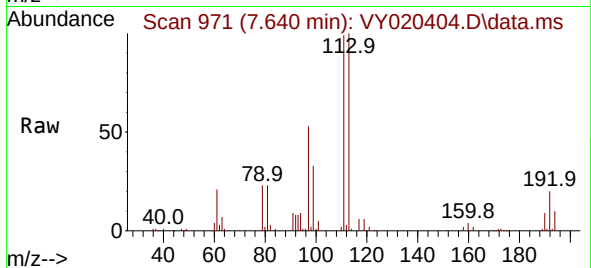
88 17.3 0.0 32.0



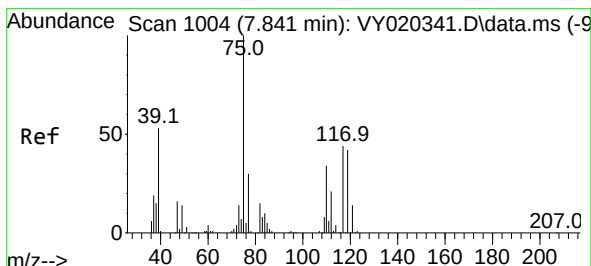
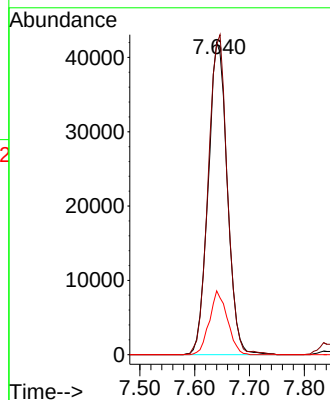
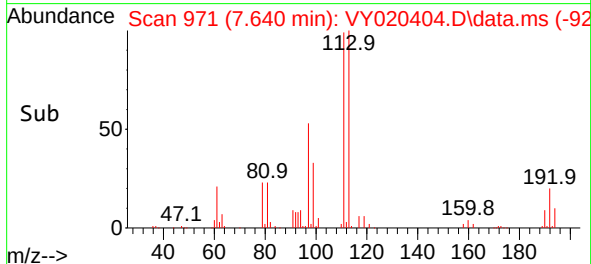


#35
Dibromofluoromethane
Concen: 53.232 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

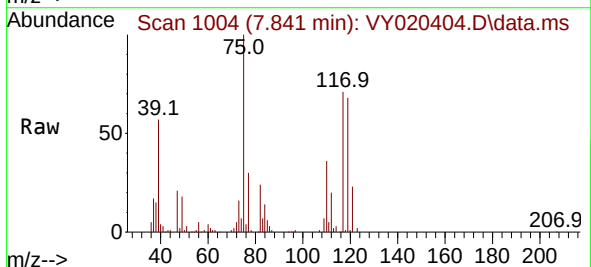
Instrument :
MSVOA_Y
ClientSampleId :



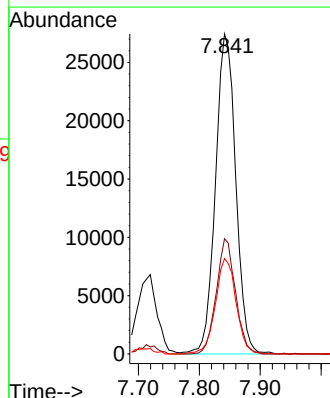
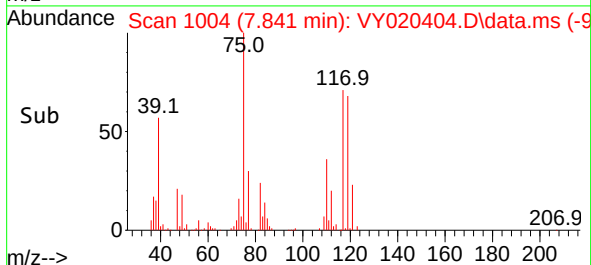
Tgt Ion:113 Resp: 101764
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 19.2 15.1 22.7

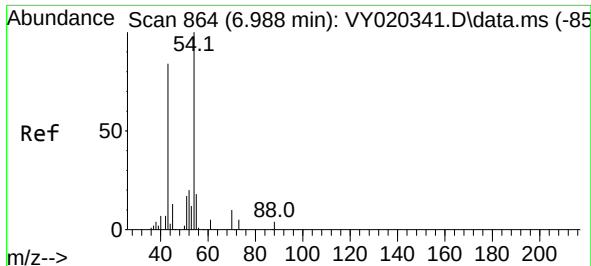


#36
1,1-Dichloropropene
Concen: 21.727 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04



Tgt Ion: 75 Resp: 63439
Ion Ratio Lower Upper
75 100
110 34.0 16.7 50.0
77 30.3 24.6 36.8





#37

Ethyl Acetate

Concen: 20.032 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

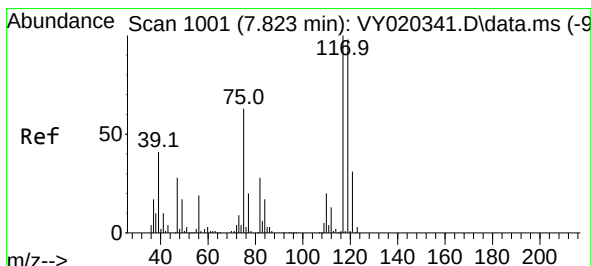
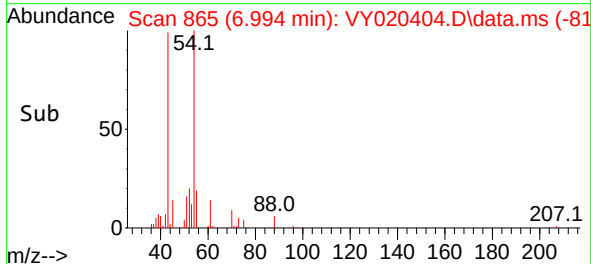
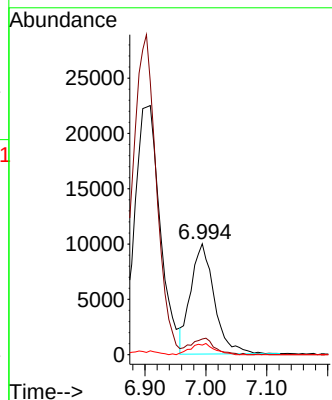
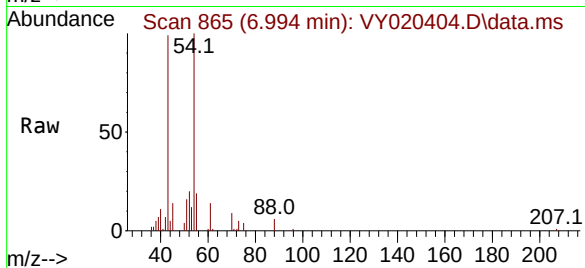
Tgt Ion: 43 Resp: 26794

Ion Ratio Lower Upper

43 100

61 14.6 10.7 16.1

70 10.2 7.3 10.9



#38

Carbon Tetrachloride

Concen: 24.801 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

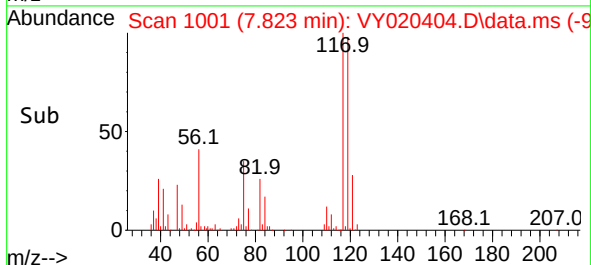
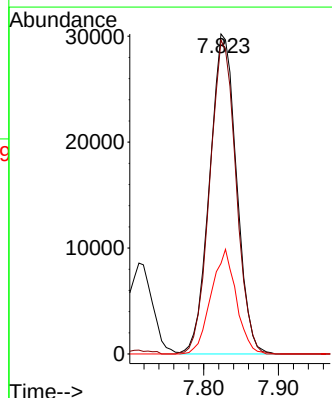
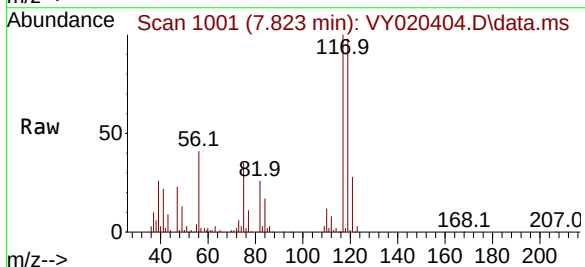
Tgt Ion: 117 Resp: 75608

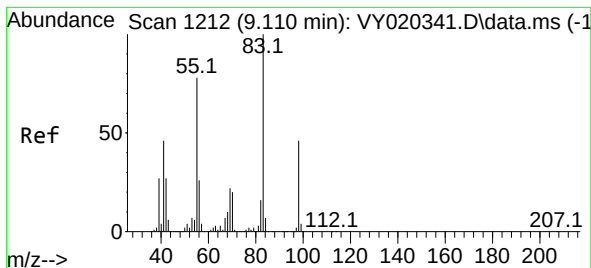
Ion Ratio Lower Upper

117 100

119 98.0 77.8 116.6

121 28.3 24.6 37.0





#39

Methylcyclohexane

Concen: 22.631 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

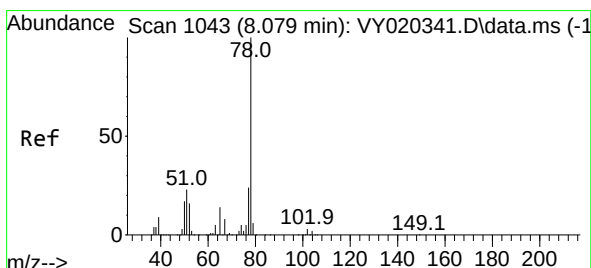
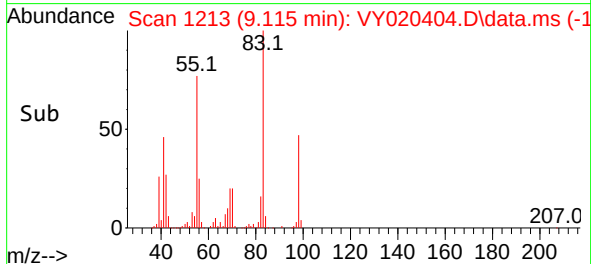
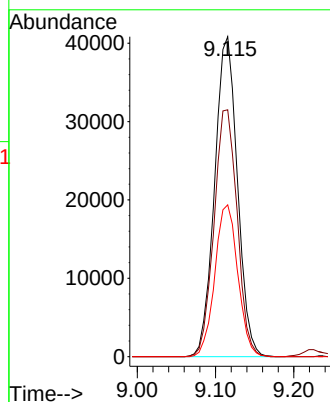
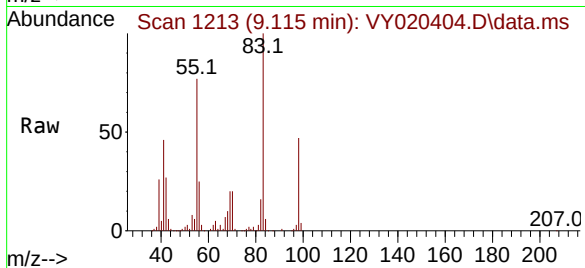
Tgt Ion: 83 Resp: 82700

Ion Ratio Lower Upper

83 100

55 77.2 62.6 93.8

98 47.4 37.0 55.4



#40

Benzene

Concen: 22.461 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020404.D

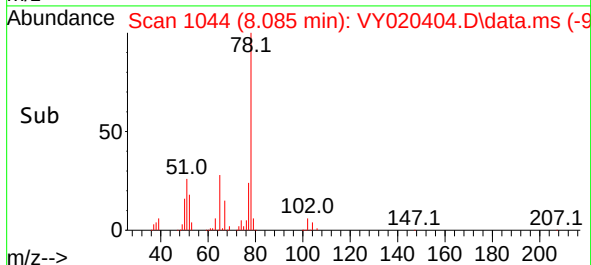
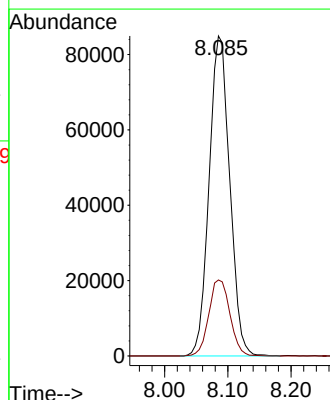
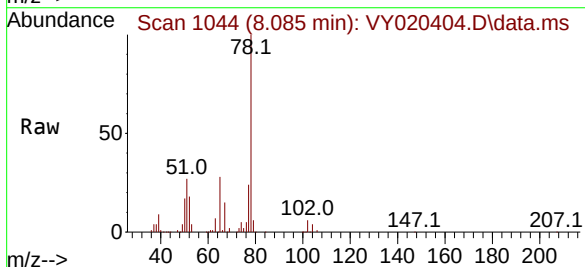
Acq: 22 Nov 2024 11:04

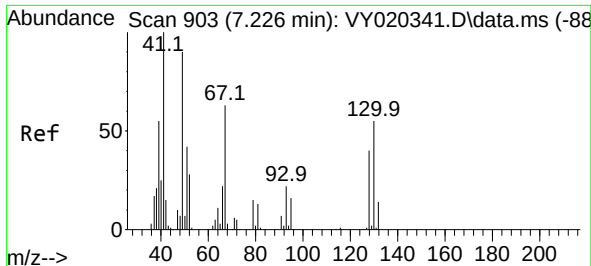
Tgt Ion: 78 Resp: 192195

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

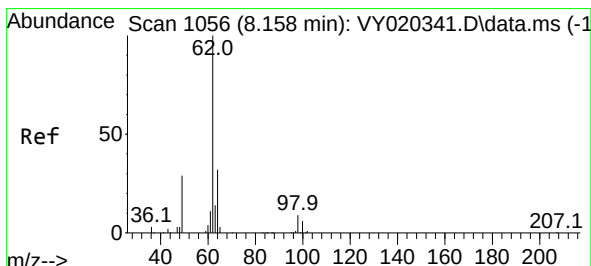
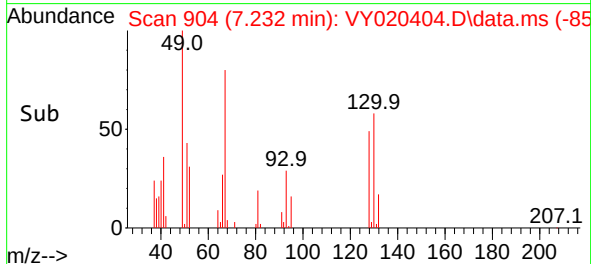
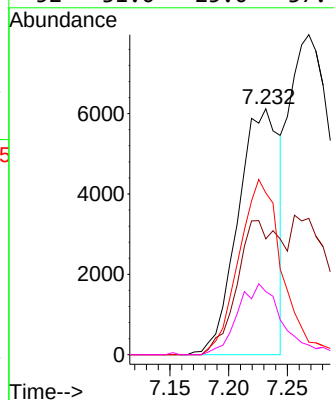
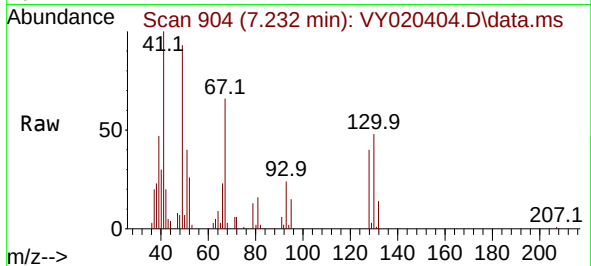




#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

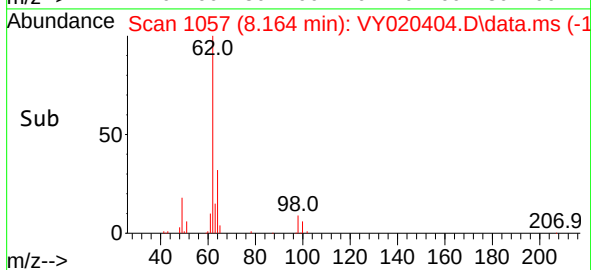
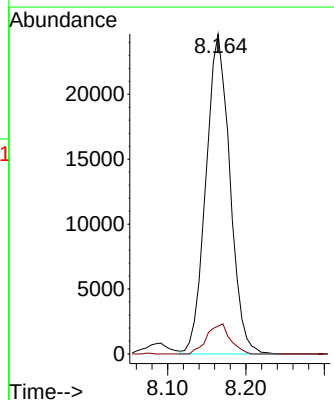
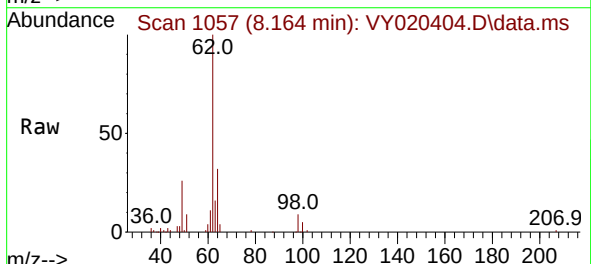
Instrument :
MSVOA_Y
ClientSampleId :

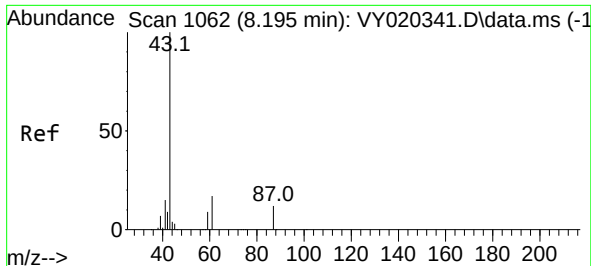
Tgt Ion: 41 Resp: 15027
Ion Ratio Lower Upper
41 100
39 60.0 49.0 73.4
67 74.7 57.1 85.7
52 31.0 25.0 37.4



#42
1,2-Dichloroethane
Concen: 22.711 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 62 Resp: 52455
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0

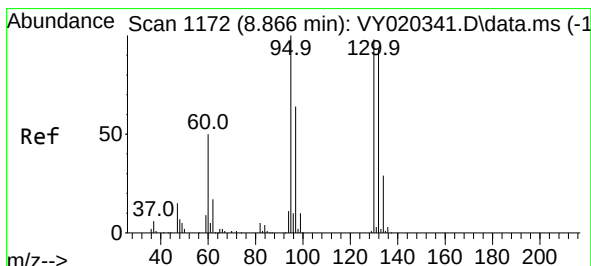
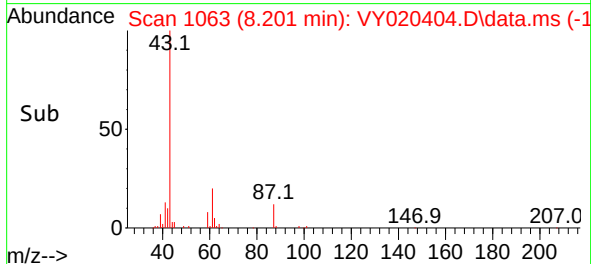
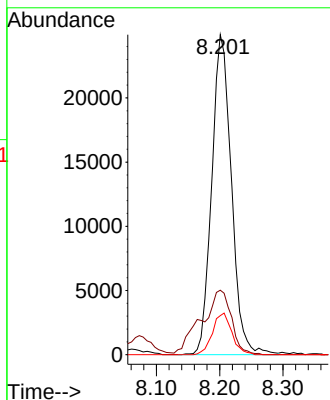
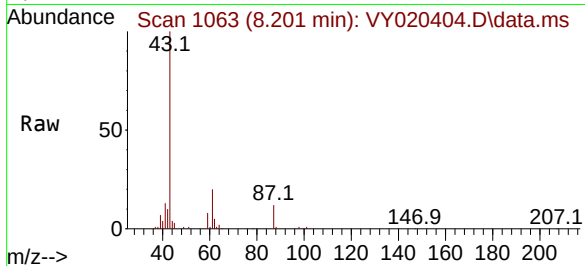




#43
Isopropyl Acetate
Concen: 20.663 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

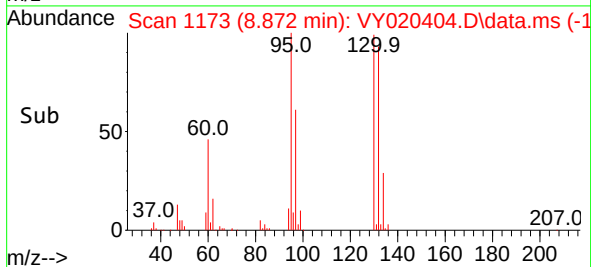
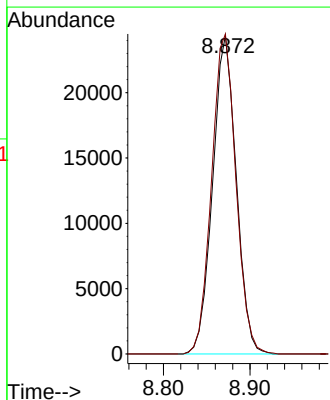
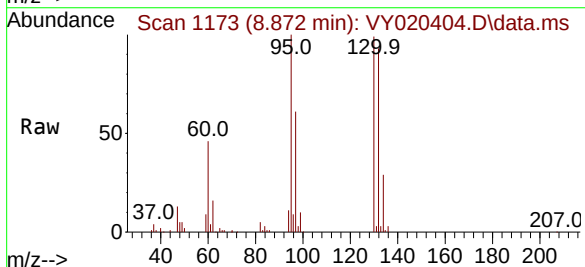
Instrument :
MSVOA_Y
ClientSampleId :

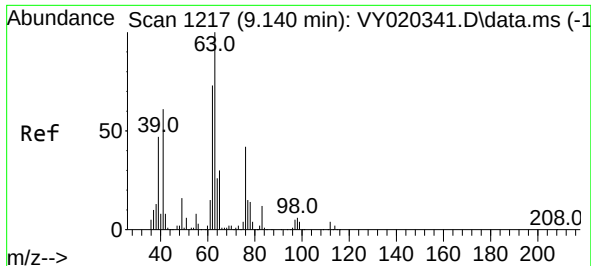
Tgt Ion: 43 Resp: 53749
Ion Ratio Lower Upper
43 100
61 30.8 22.8 34.2
87 12.8 9.6 14.4



#44
Trichloroethene
Concen: 22.753 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion:130 Resp: 46129
Ion Ratio Lower Upper
130 100
95 100.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.887 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

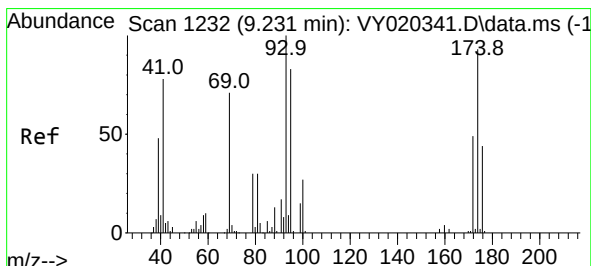
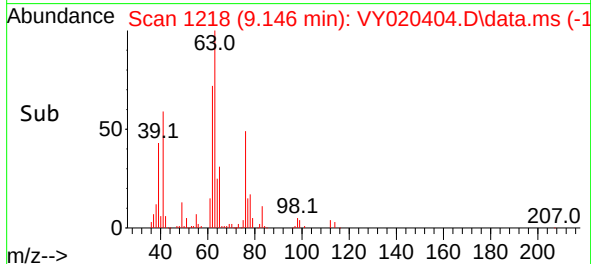
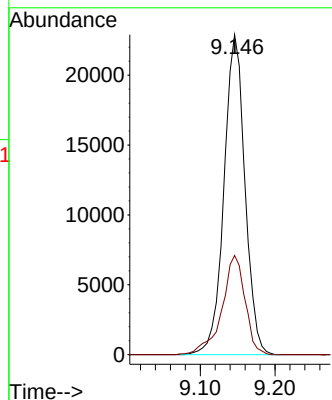
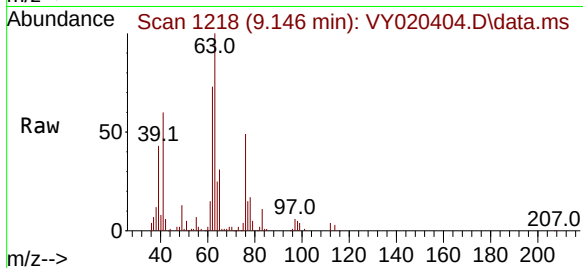
ClientSampleId :

Tgt Ion: 63 Resp: 44684

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.4



#46

Dibromomethane

Concen: 20.921 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

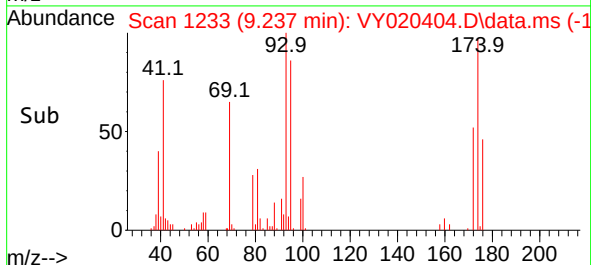
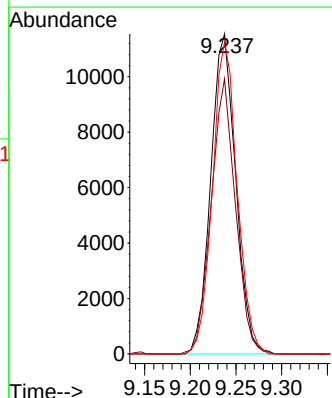
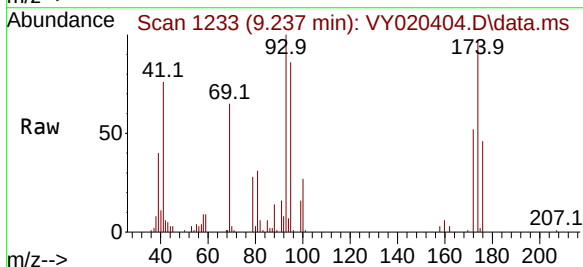
Tgt Ion: 93 Resp: 21891

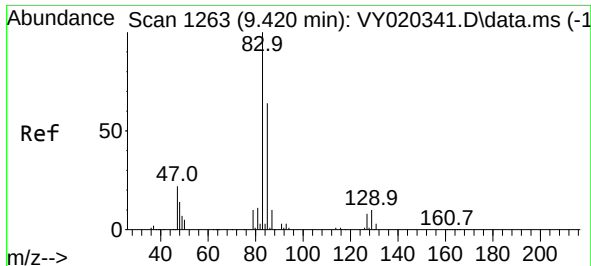
Ion Ratio Lower Upper

93 100

95 83.8 65.3 97.9

174 96.6 74.4 111.6

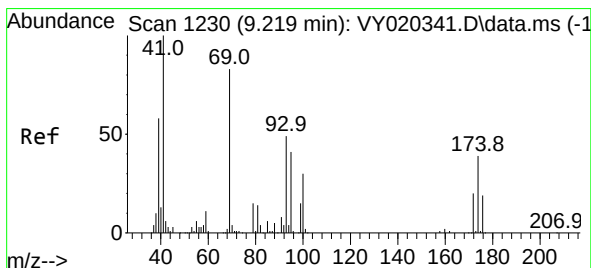
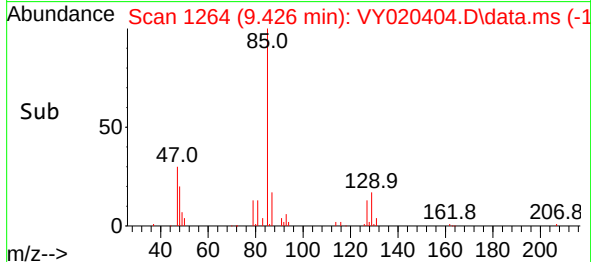
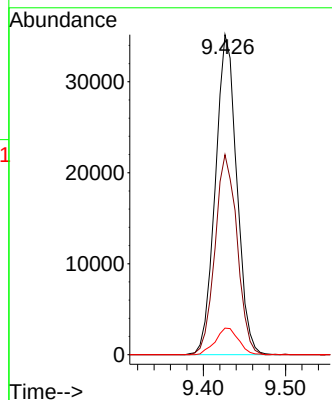
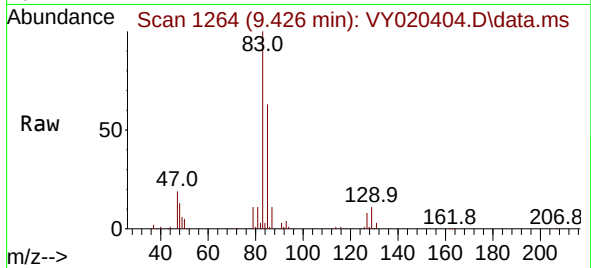




#47
Bromodichloromethane
Concen: 22.063 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

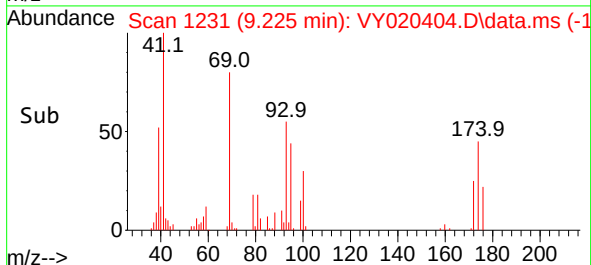
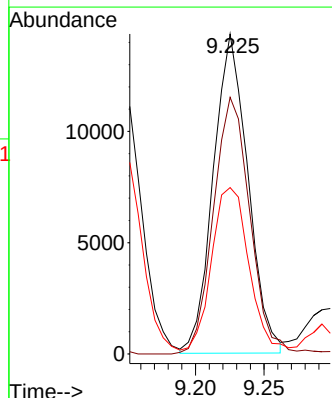
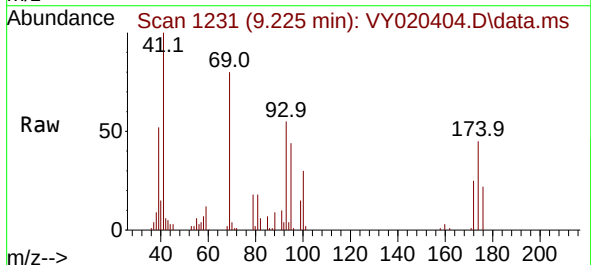
Instrument :
MSVOA_Y
ClientSampleId :

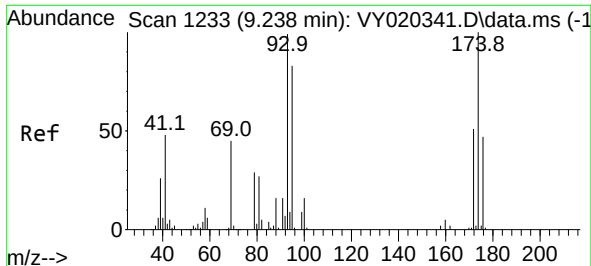
Tgt Ion: 83 Resp: 63732
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 20.282 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 41 Resp: 25223
Ion Ratio Lower Upper
41 100
69 85.1 66.1 99.1
39 54.6 46.0 69.0





#49

1,4-Dioxane

Concen: 411.137 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

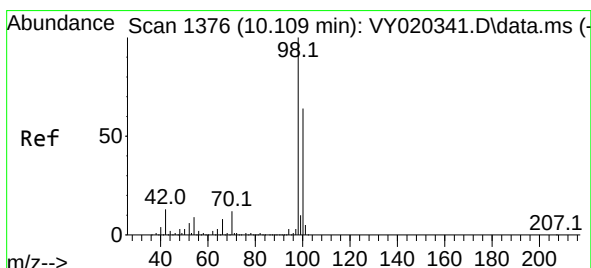
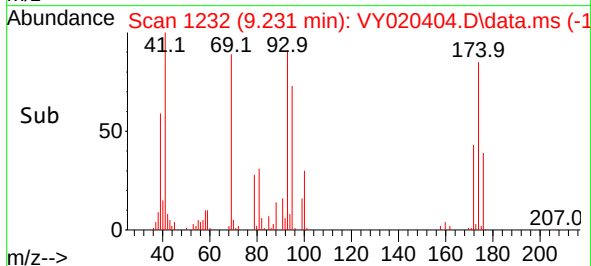
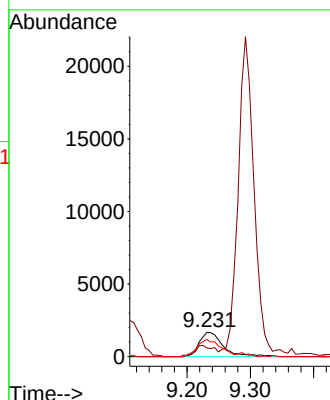
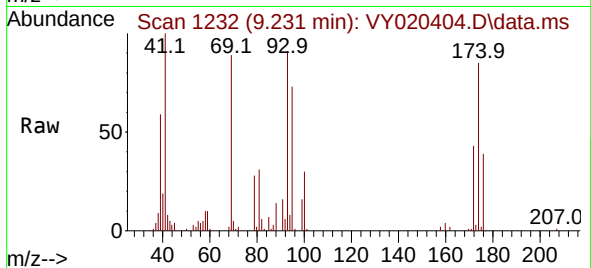
Tgt Ion: 88 Resp: 4426

Ion Ratio Lower Upper

88 100

43 36.5 24.6 37.0

58 68.0 59.6 89.4



#50

Toluene-d8

Concen: 52.878 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020404.D

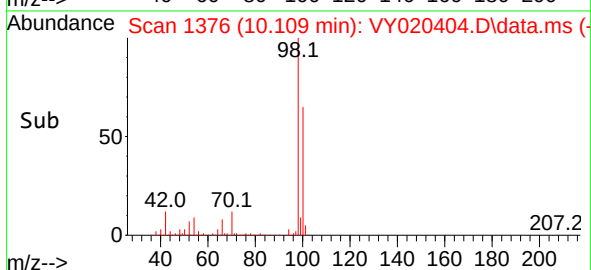
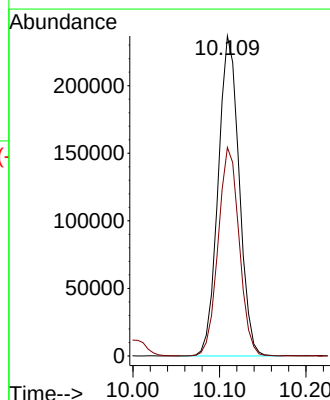
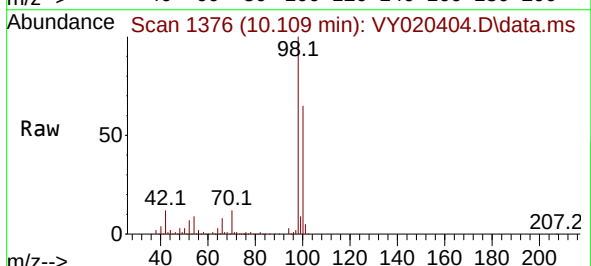
Acq: 22 Nov 2024 11:04

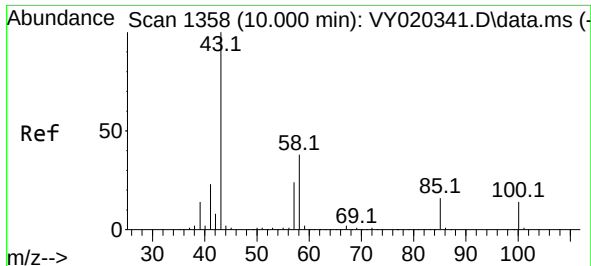
Tgt Ion: 98 Resp: 398203

Ion Ratio Lower Upper

98 100

100 65.4 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 102.243 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

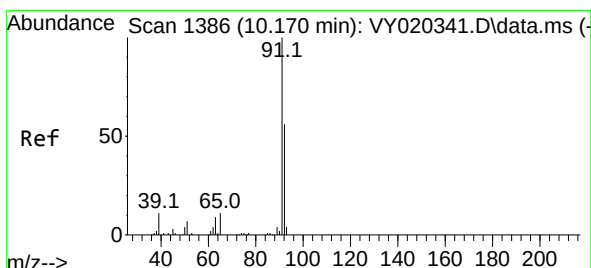
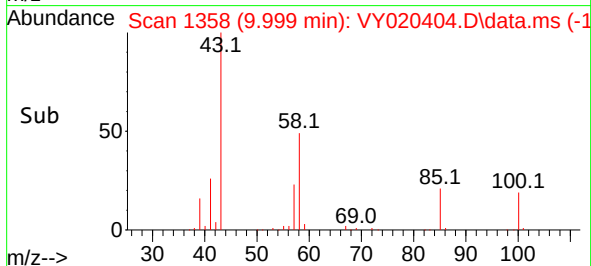
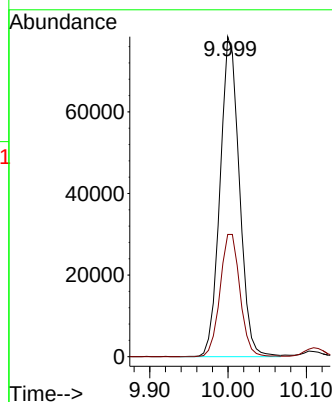
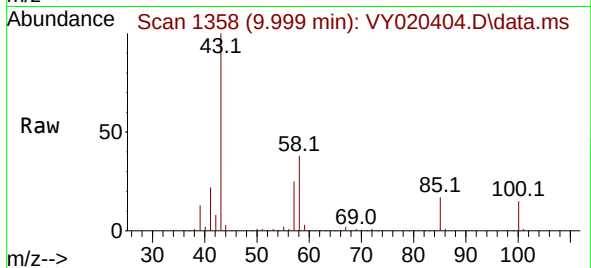
ClientSampleId :

Tgt Ion: 43 Resp: 134967

Ion Ratio Lower Upper

43 100

58 39.4 30.9 46.3



#52

Toluene

Concen: 22.483 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020404.D

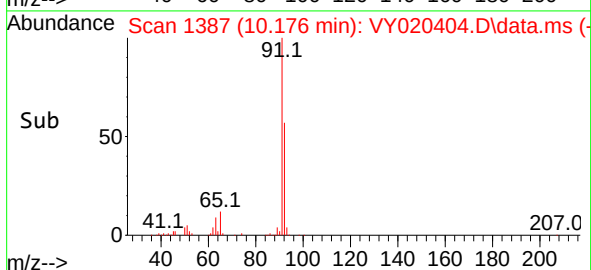
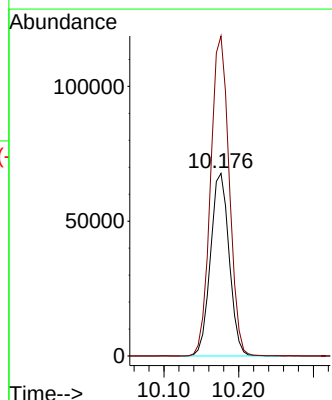
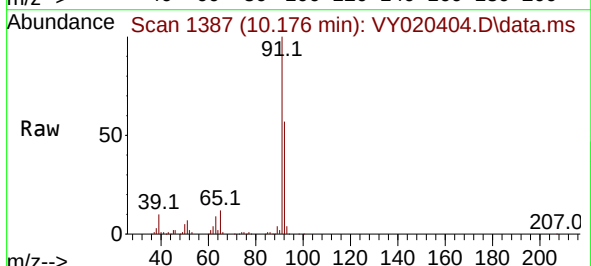
Acq: 22 Nov 2024 11:04

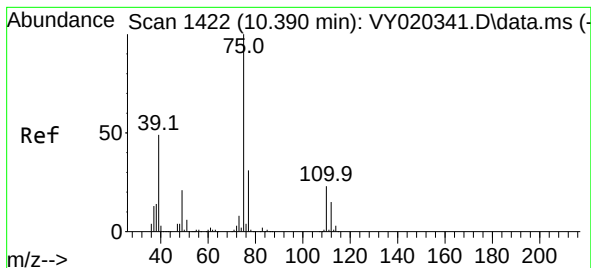
Tgt Ion: 92 Resp: 117588

Ion Ratio Lower Upper

92 100

91 175.1 139.7 209.5

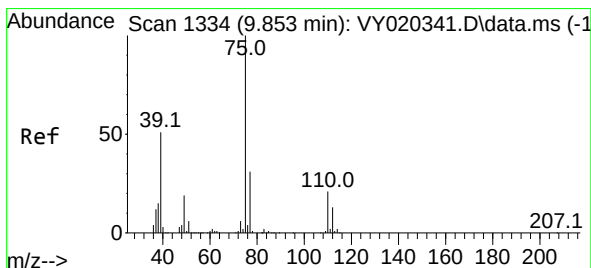
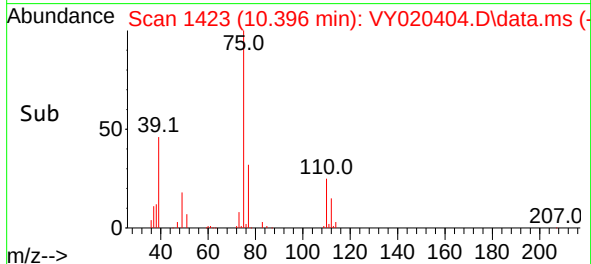
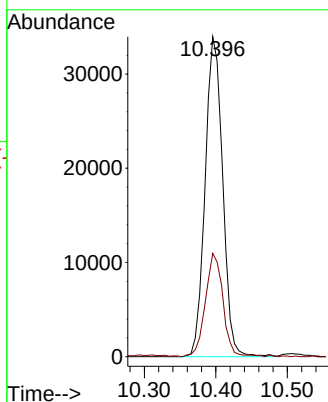
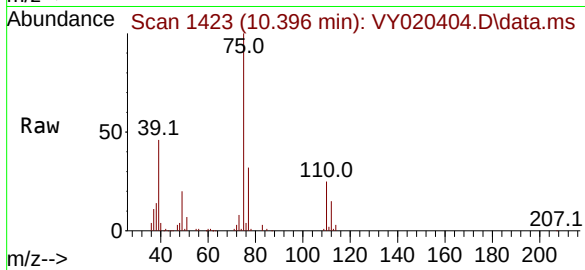




#53
t-1,3-Dichloropropene
Concen: 21.214 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

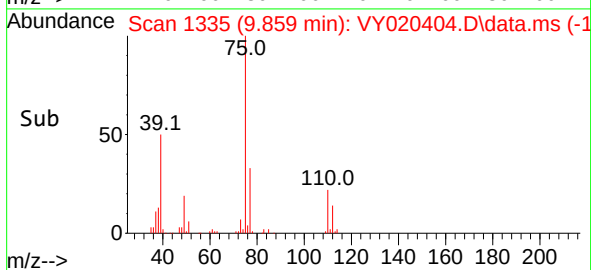
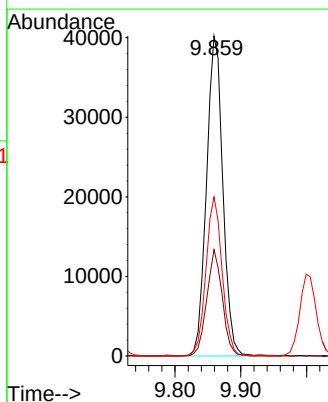
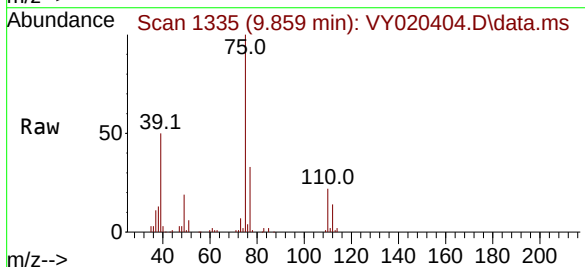
Instrument :
MSVOA_Y
ClientSampleId :

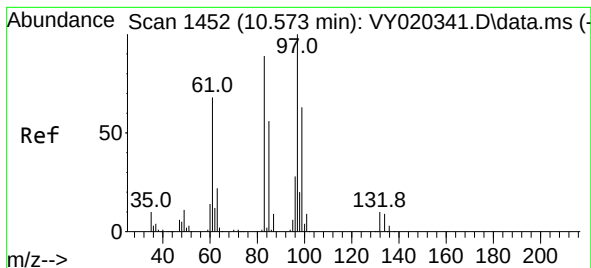
Tgt Ion: 75 Resp: 57948
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 22.197 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 75 Resp: 69407
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.4
39 49.7 41.0 61.6

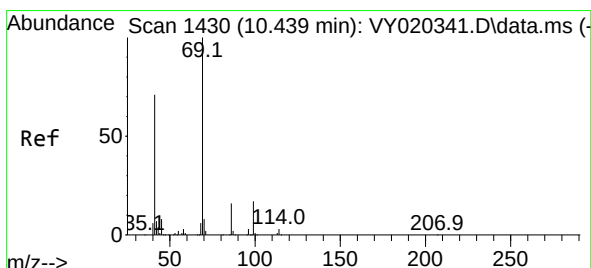
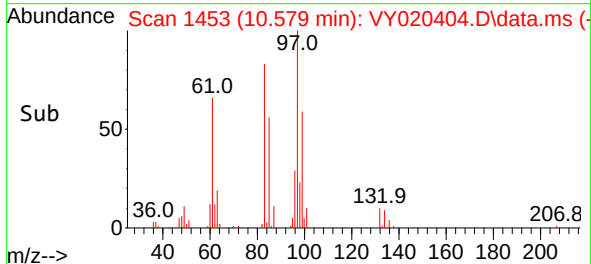
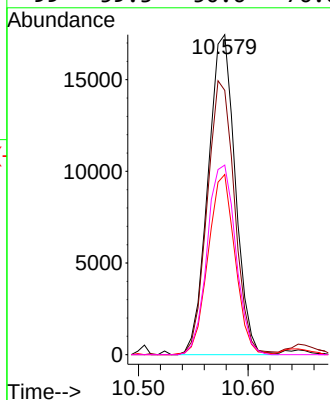
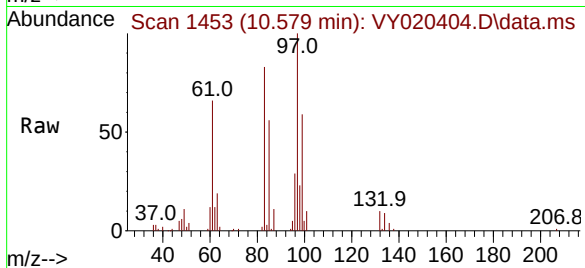




#55
1,1,2-Trichloroethane
Concen: 21.710 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

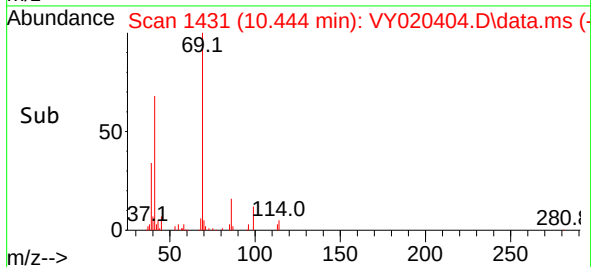
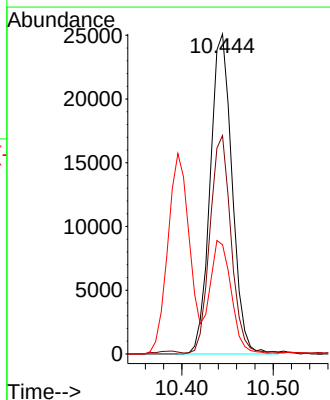
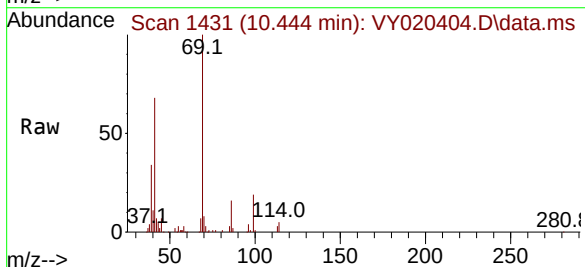
Instrument :
MSVOA_Y
ClientSampleId :

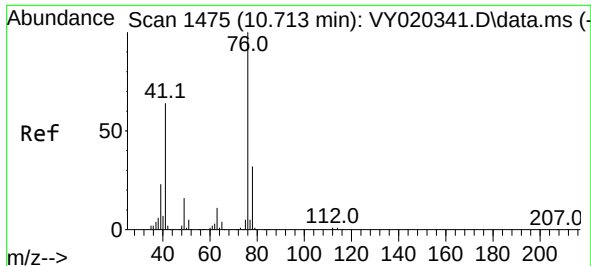
Tgt Ion:	97	Resp:	30154
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.8	106.2
85	56.0	44.9	67.3
99	59.3	50.6	76.0



#56
Ethyl methacrylate
Concen: 20.024 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion:	69	Resp:	41769
Ion	Ratio	Lower	Upper
69	100		
41	65.2	56.1	84.1
39	34.1	29.7	44.5

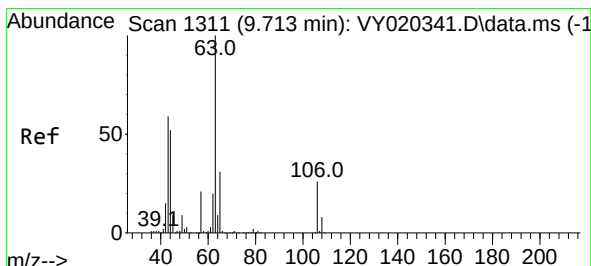
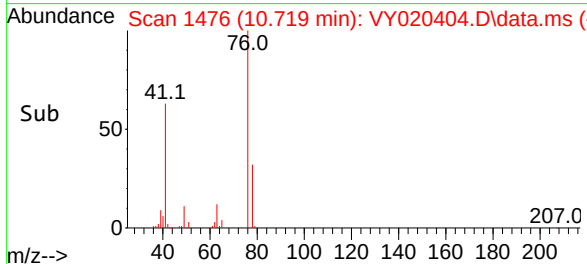
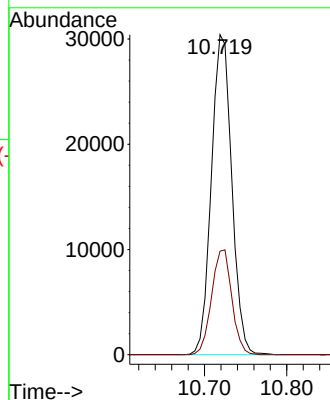
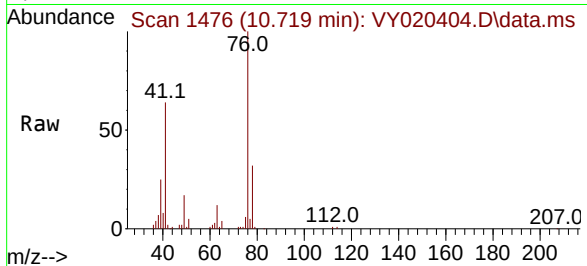




#57
1,3-Dichloropropane
Concen: 20.960 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

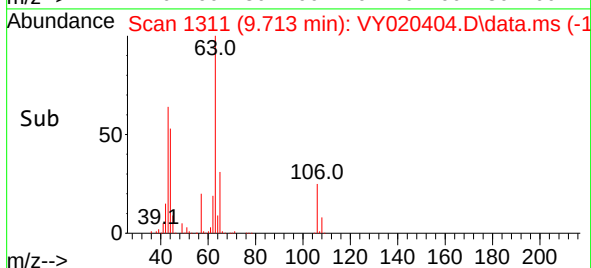
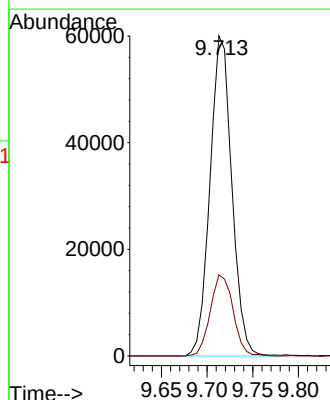
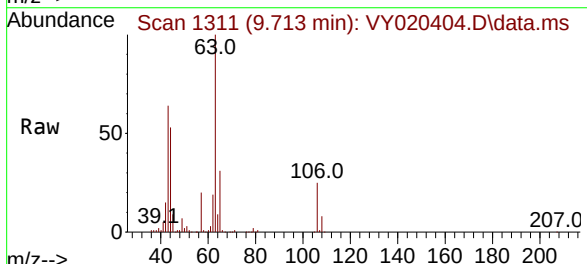
Instrument :
MSVOA_Y
ClientSampleId :

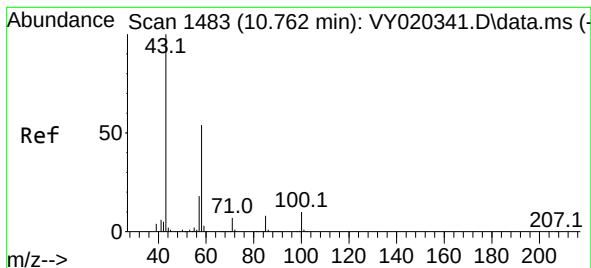
Tgt Ion: 76 Resp: 52320
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 100.839 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 63 Resp: 99738
Ion Ratio Lower Upper
63 100
106 26.4 21.0 31.4

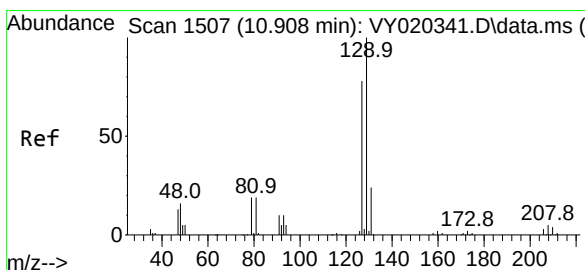
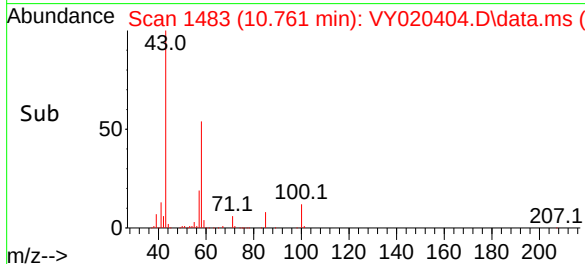
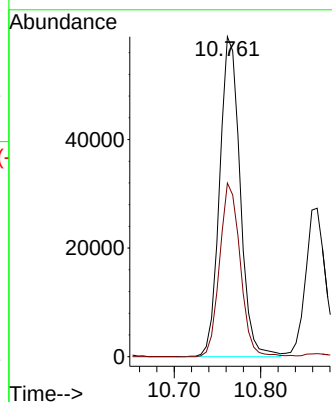
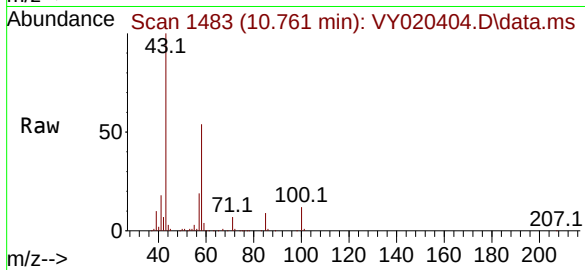




#59
2-Hexanone
Concen: 103.624 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

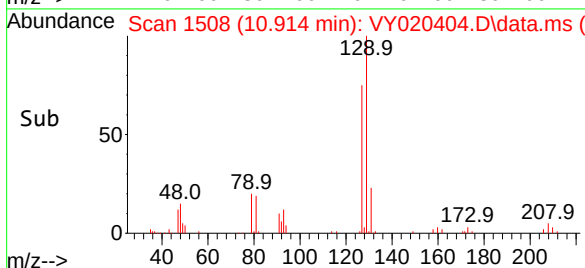
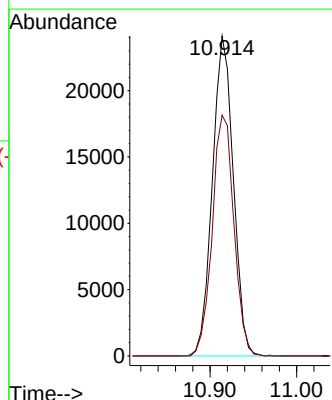
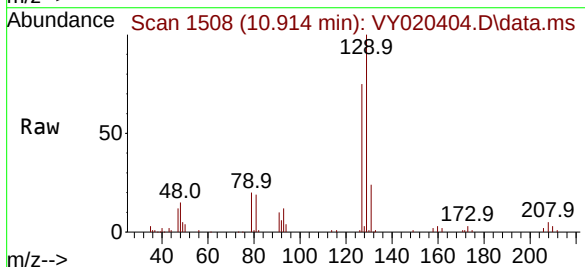
Instrument :
MSVOA_Y
ClientSampleId :

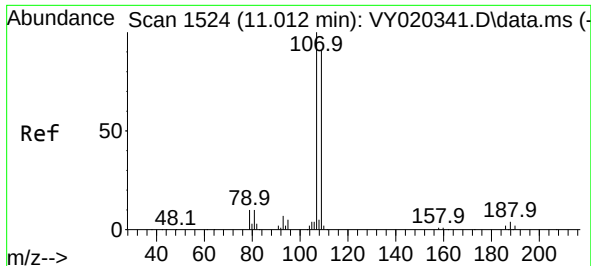
Tgt Ion: 43 Resp: 96861
Ion Ratio Lower Upper
43 100
58 54.6 26.4 79.2



#60
Dibromochloromethane
Concen: 22.591 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 129 Resp: 40445
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9

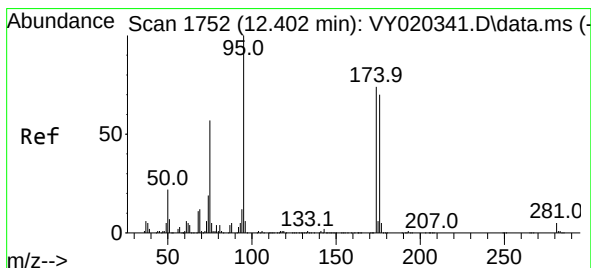
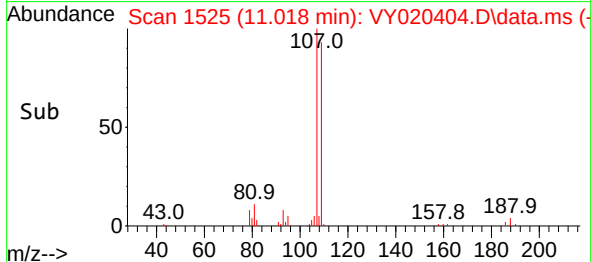
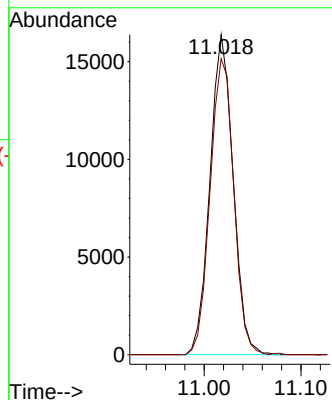
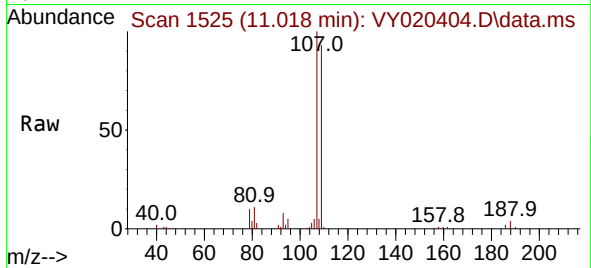




#61
1,2-Dibromoethane
Concen: 21.196 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

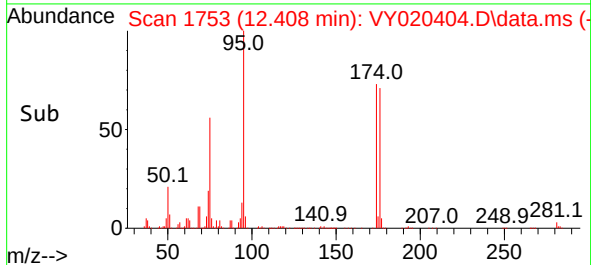
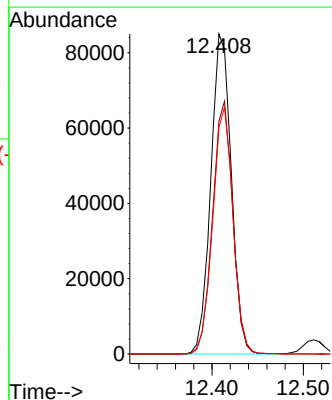
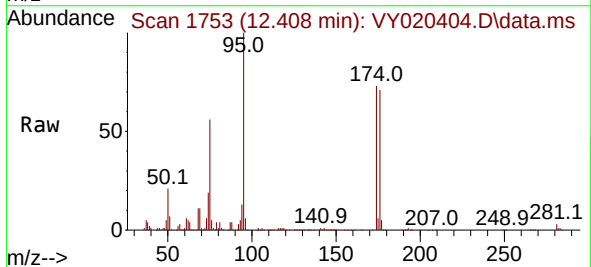
Instrument :
MSVOA_Y
ClientSampleId :

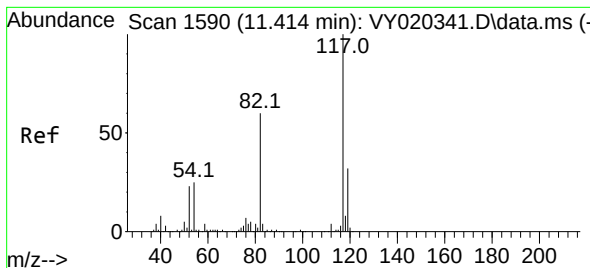
Tgt Ion:107 Resp: 27281
Ion Ratio Lower Upper
107 100
109 94.3 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 54.593 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 95 Resp: 132161
Ion Ratio Lower Upper
95 100
174 78.1 0.0 156.8
176 76.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

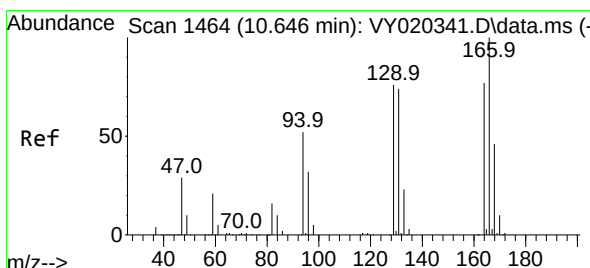
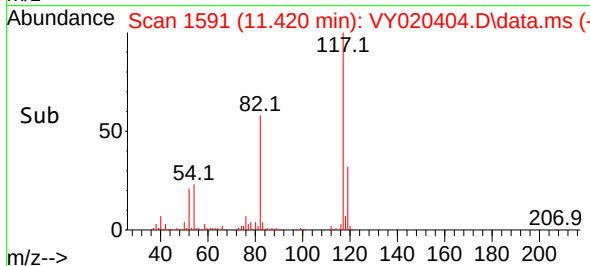
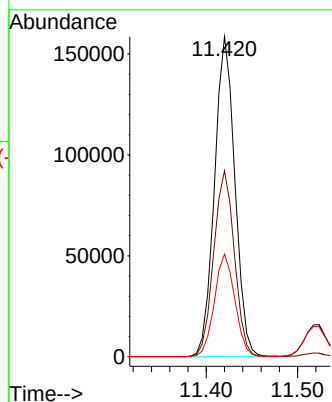
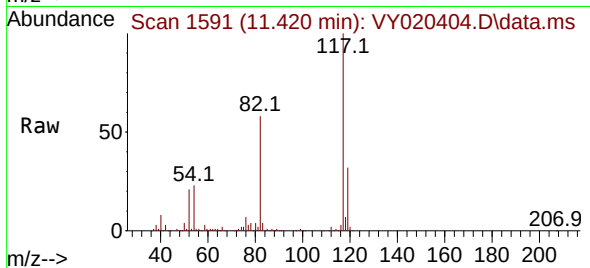
Tgt Ion:117 Resp: 246608

Ion Ratio Lower Upper

117 100

82 58.1 48.2 72.4

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 22.777 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Tgt Ion:164 Resp: 40490

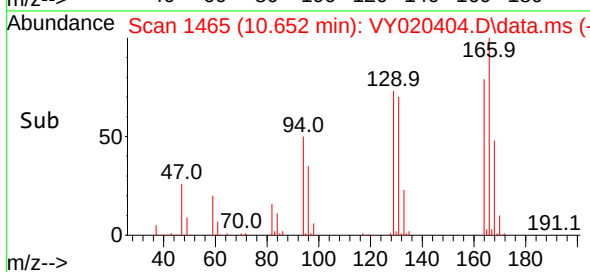
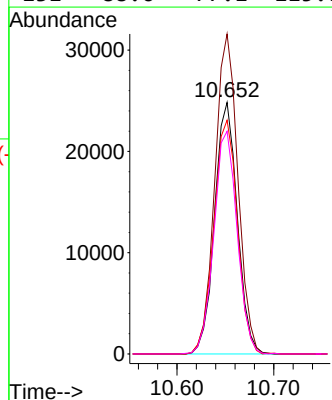
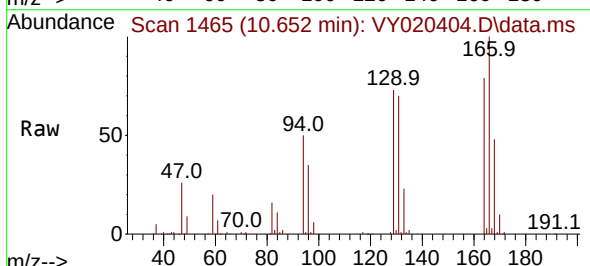
Ion Ratio Lower Upper

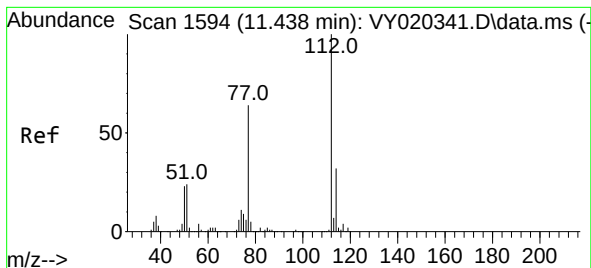
164 100

166 127.2 103.8 155.8

129 92.9 79.0 118.4

131 88.6 77.1 115.7





#65

Chlorobenzene

Concen: 22.290 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

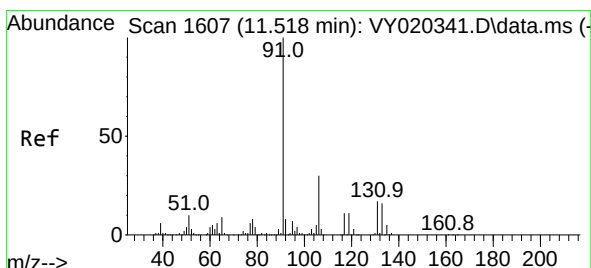
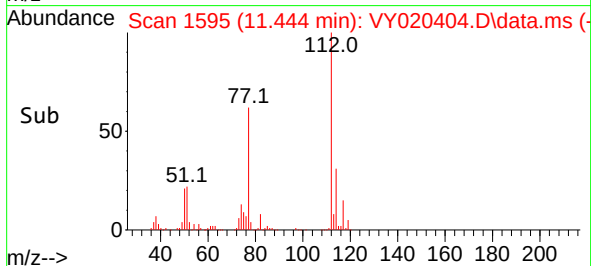
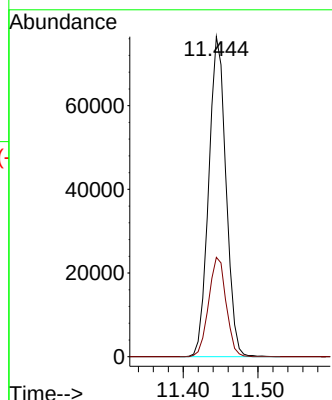
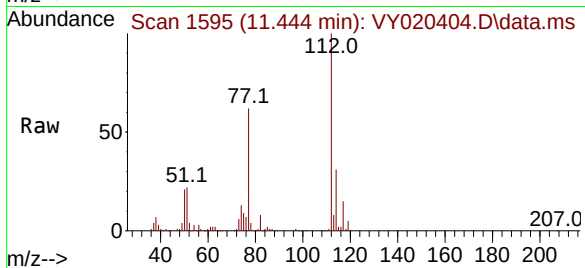
ClientSampleId :

Tgt Ion:112 Resp: 122560

Ion Ratio Lower Upper

112 100

114 31.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 22.663 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

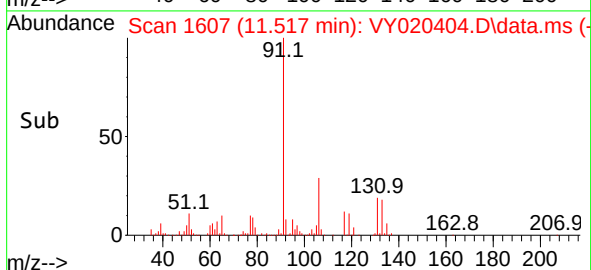
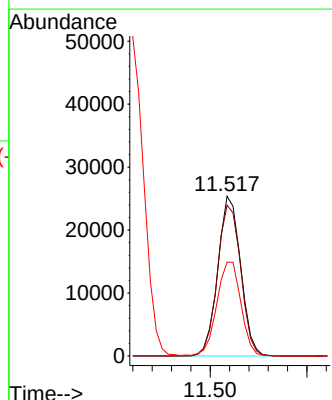
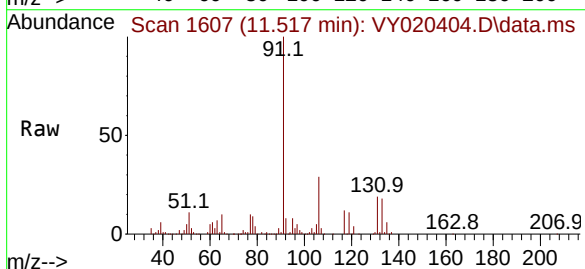
Tgt Ion:131 Resp: 41629

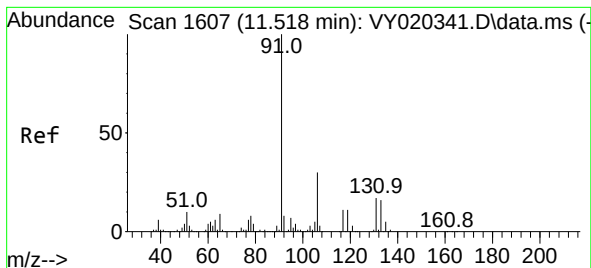
Ion Ratio Lower Upper

131 100

133 96.4 47.8 143.3

119 62.2 32.5 97.5





#67

Ethyl Benzene

Concen: 22.565 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

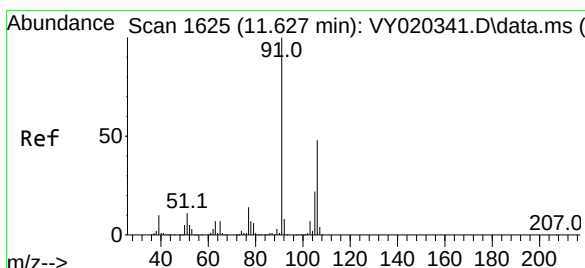
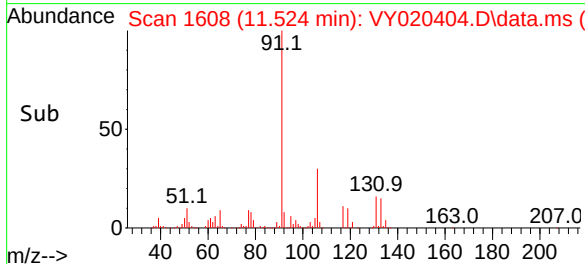
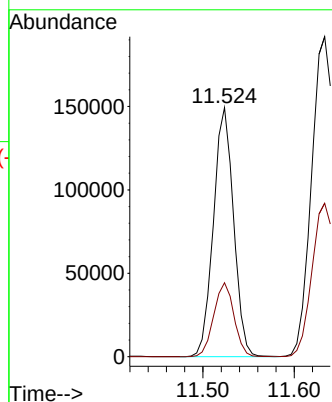
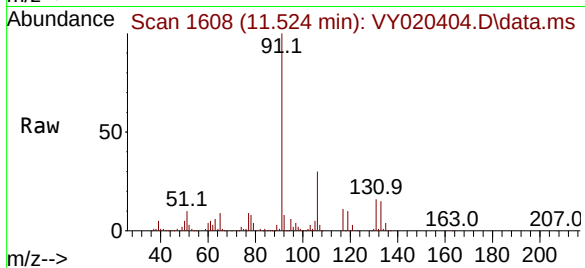
ClientSampleId :

Tgt Ion: 91 Resp: 228903

Ion Ratio Lower Upper

91 100

106 29.7 23.9 35.9



#68

m/p-Xylenes

Concen: 45.531 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY020404.D

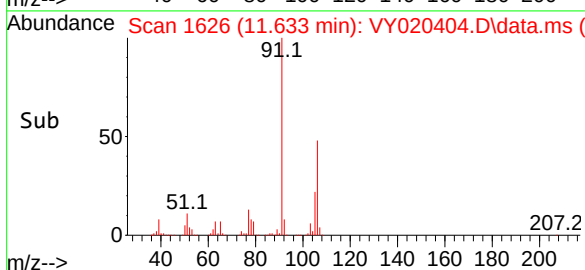
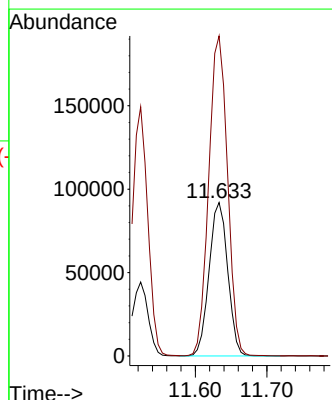
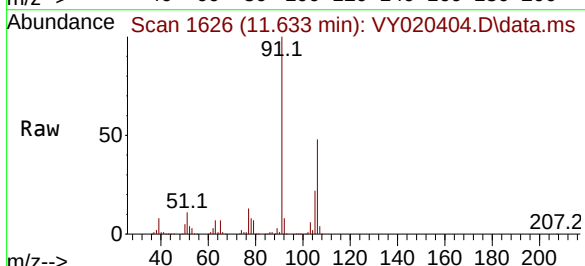
Acq: 22 Nov 2024 11:04

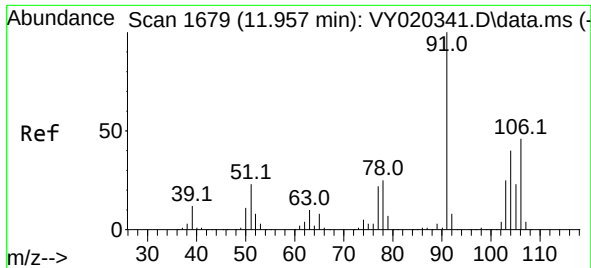
Tgt Ion:106 Resp: 166365

Ion Ratio Lower Upper

106 100

91 210.3 166.0 249.0

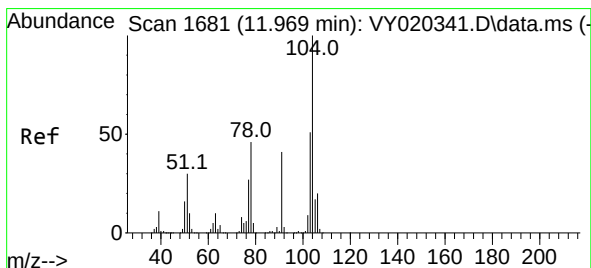
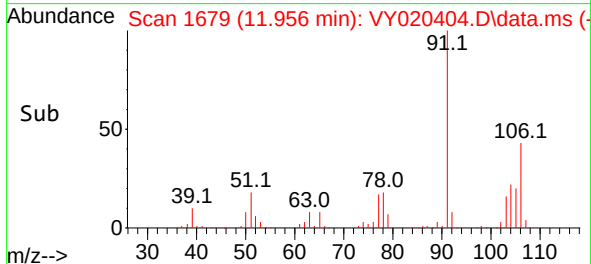
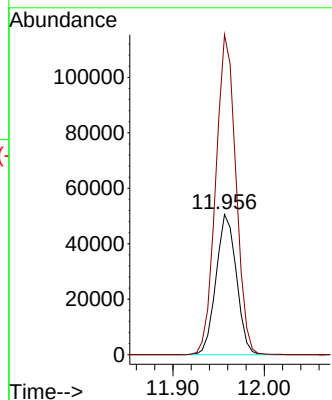
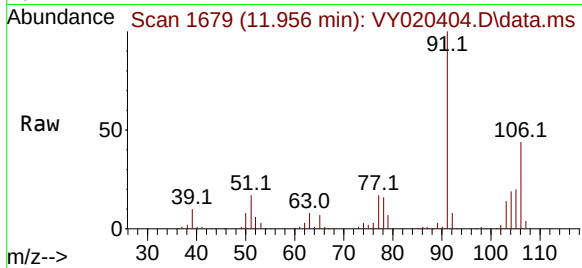




#69
o-Xylene
Concen: 22.605 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

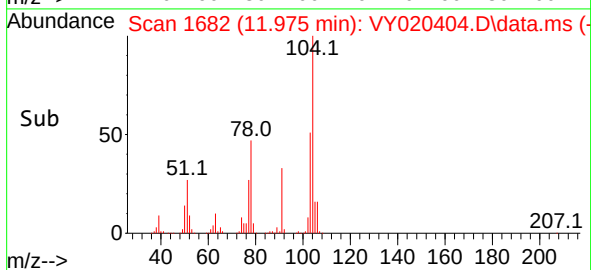
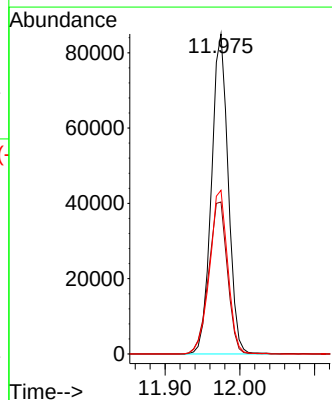
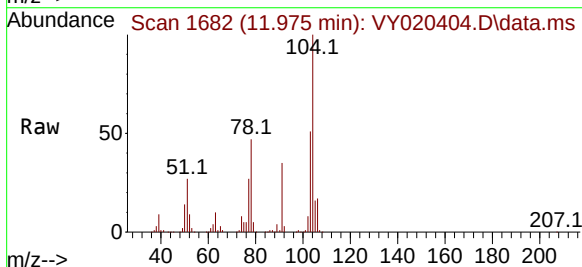
Instrument :
MSVOA_Y
ClientSampleId :

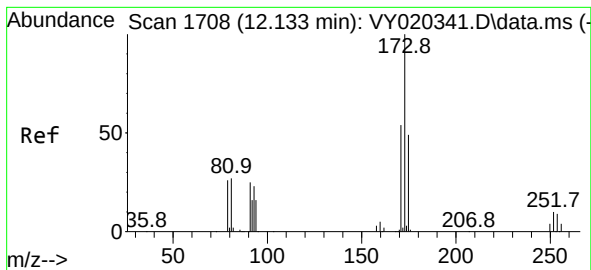
Tgt Ion:106 Resp: 78340
Ion Ratio Lower Upper
106 100
91 226.0 110.0 330.0



#70
Styrene
Concen: 22.994 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion:104 Resp: 132399
Ion Ratio Lower Upper
104 100
78 53.3 41.4 62.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 23.558 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

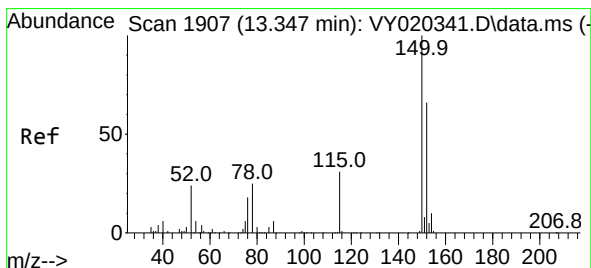
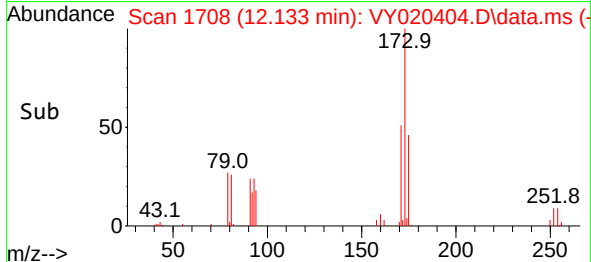
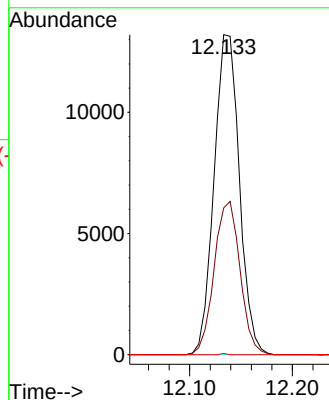
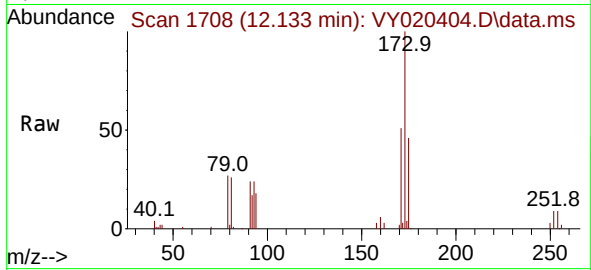
Tgt Ion:173 Resp: 22552

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

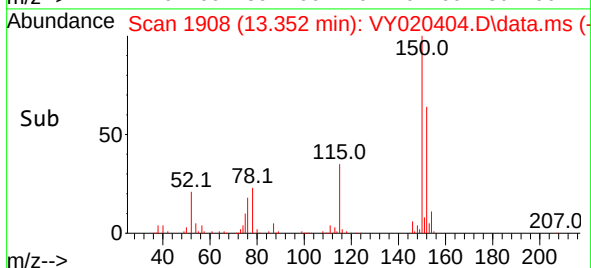
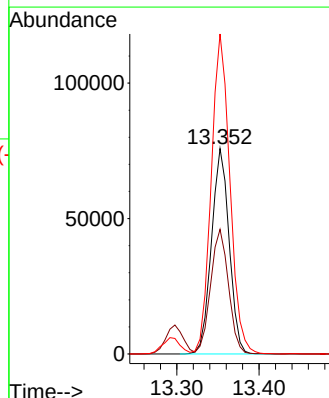
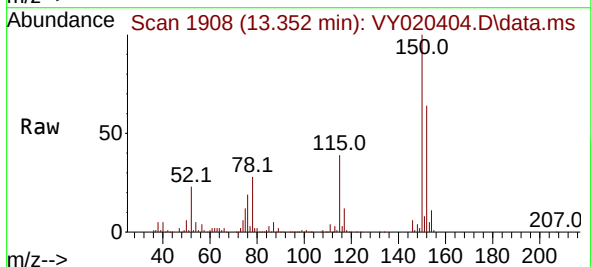
Tgt Ion:152 Resp: 113255

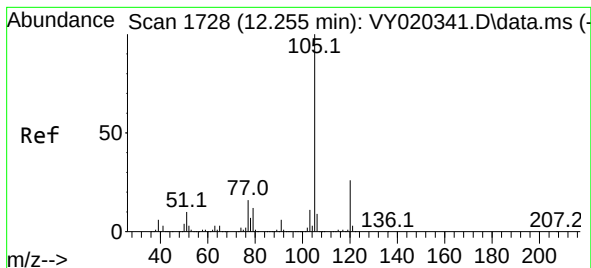
Ion Ratio Lower Upper

152 100

115 61.4 30.0 90.0

150 164.6 0.0 348.2





#73

Isopropylbenzene

Concen: 22.896 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

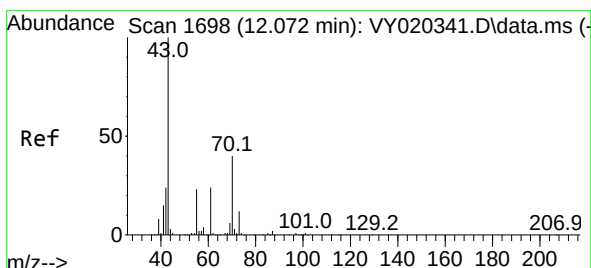
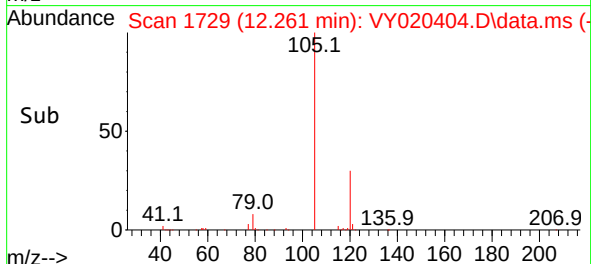
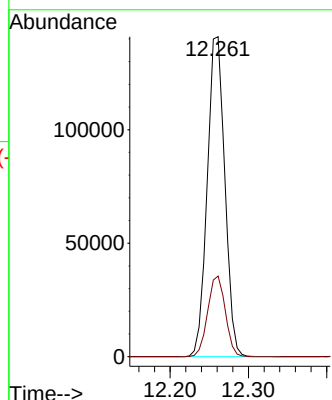
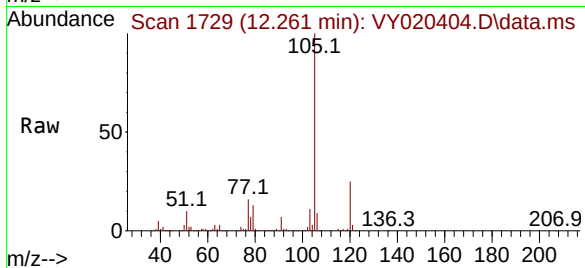
ClientSampleId :

Tgt Ion:105 Resp: 219664

Ion Ratio Lower Upper

105 100

120 25.2 12.7 38.1



#74

N-ethyl acetate

Concen: 18.952 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Tgt Ion: 43 Resp: 43939

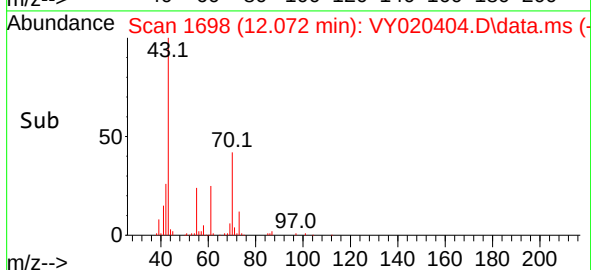
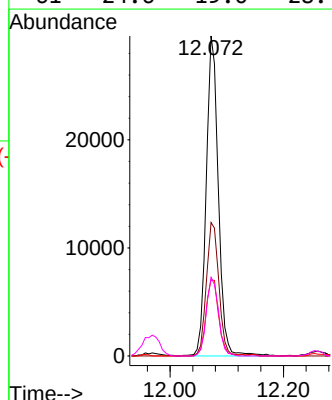
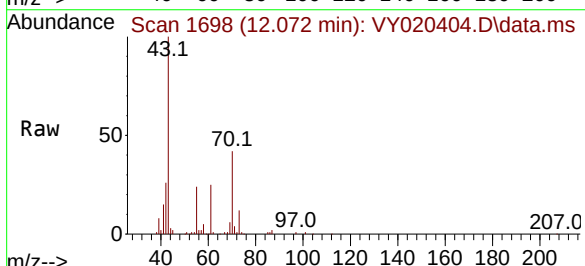
Ion Ratio Lower Upper

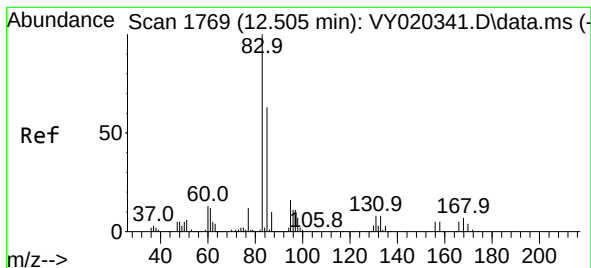
43 100

70 43.1 32.9 49.3

55 25.4 19.3 28.9

61 24.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.125 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

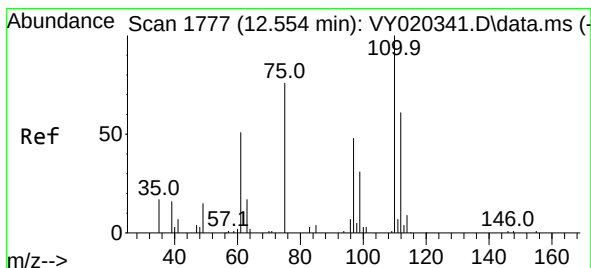
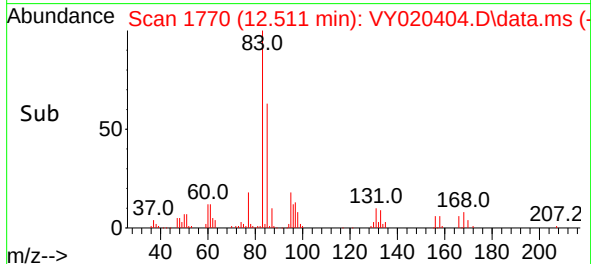
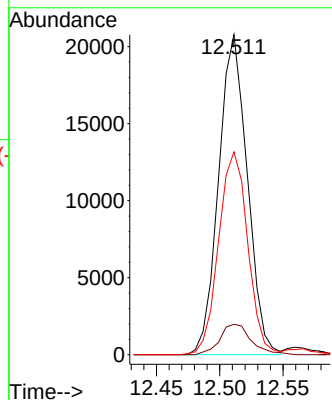
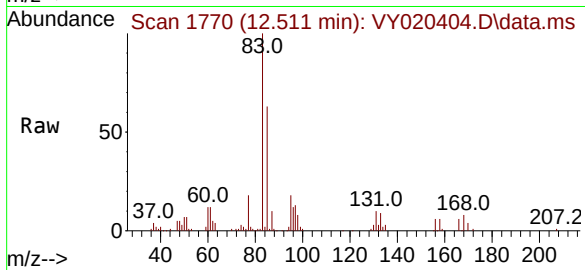
Tgt Ion: 83 Resp: 32756

Ion Ratio Lower Upper

83 100

131 10.4 4.8 14.4

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 41.275 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY020404.D

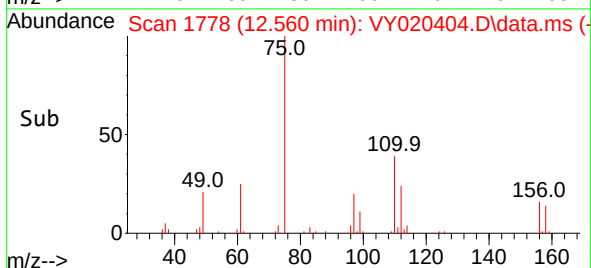
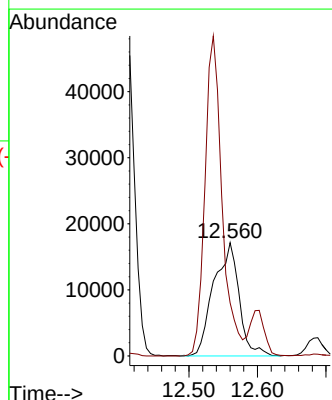
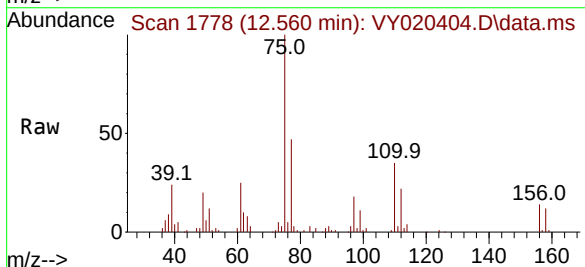
Acq: 22 Nov 2024 11:04

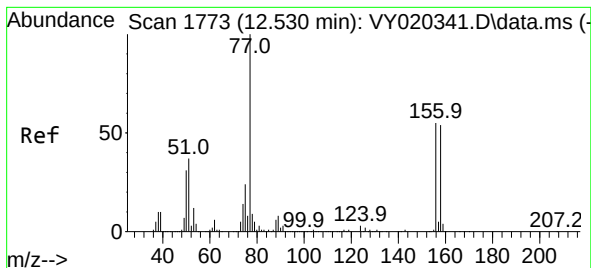
Tgt Ion: 75 Resp: 44060

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.745 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

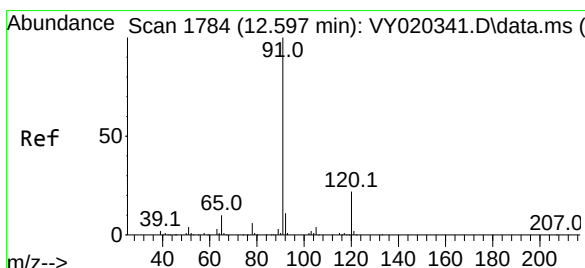
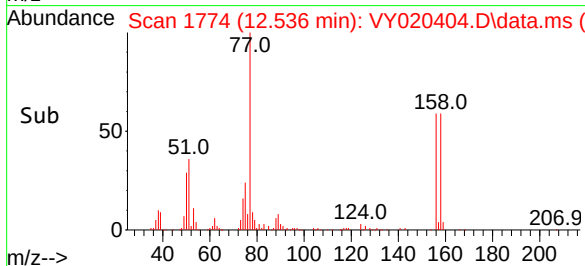
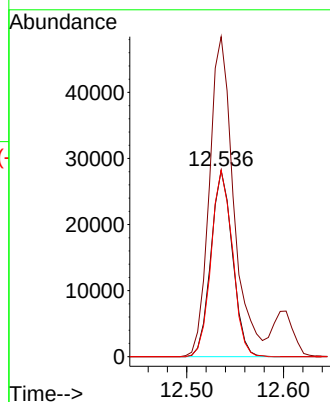
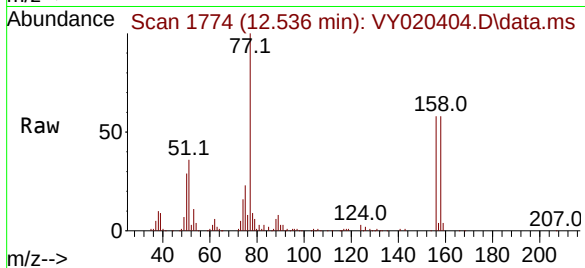
Tgt Ion:156 Resp: 43708

Ion Ratio Lower Upper

156 100

77 193.0 97.2 291.6

158 98.8 47.8 143.4



#78

n-propylbenzene

Concen: 22.029 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY020404.D

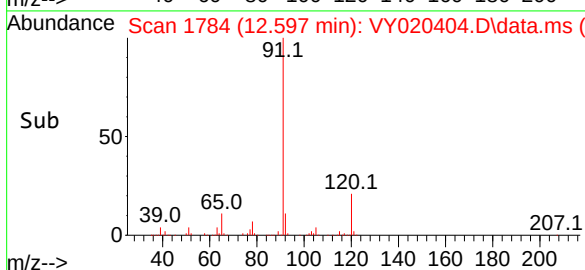
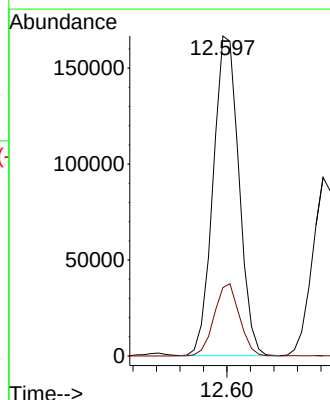
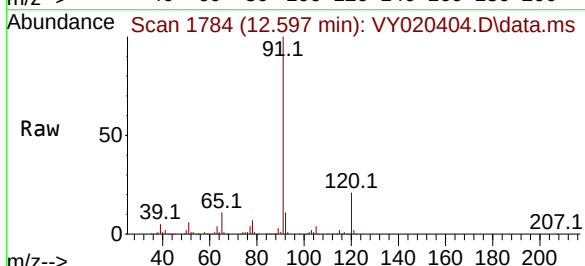
Acq: 22 Nov 2024 11:04

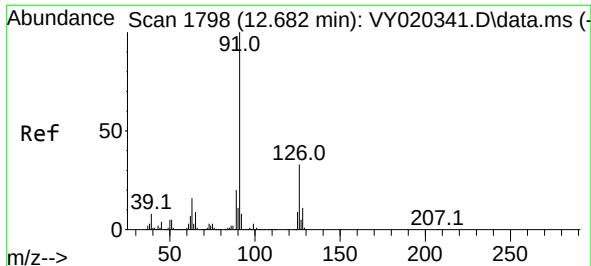
Tgt Ion: 91 Resp: 253646

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.6





#79

2-Chlorotoluene

Concen: 21.872 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

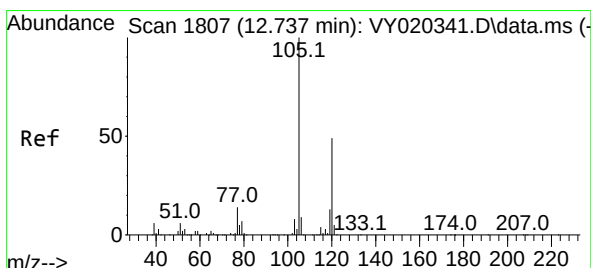
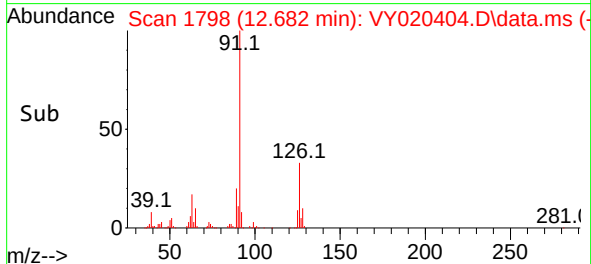
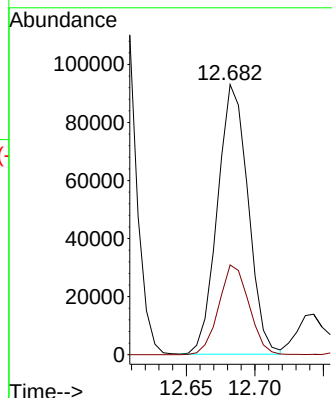
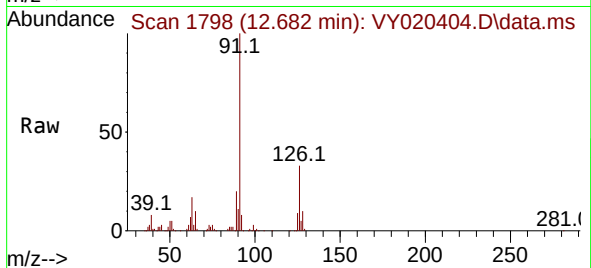
ClientSampleId :

Tgt Ion: 91 Resp: 144796

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 22.740 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020404.D

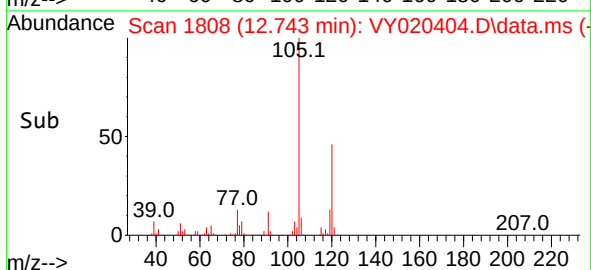
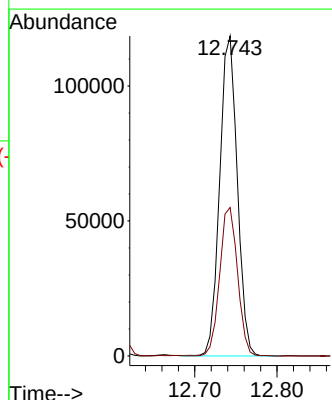
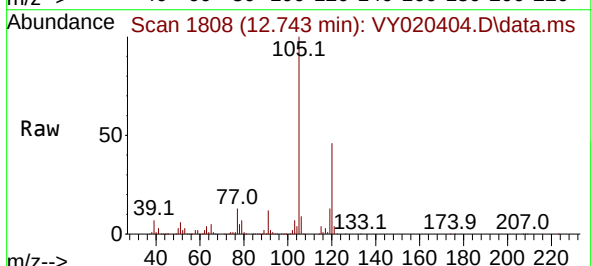
Acq: 22 Nov 2024 11:04

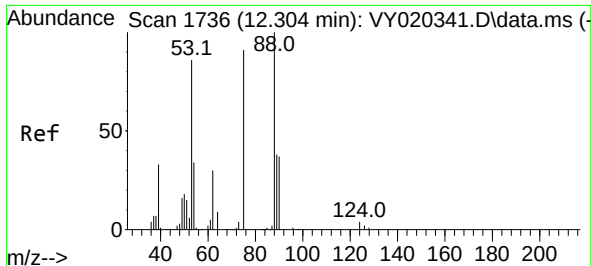
Tgt Ion:105 Resp: 176320

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.8

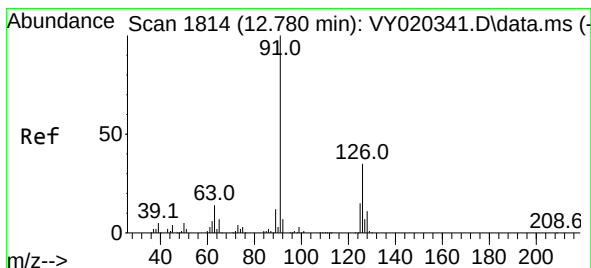
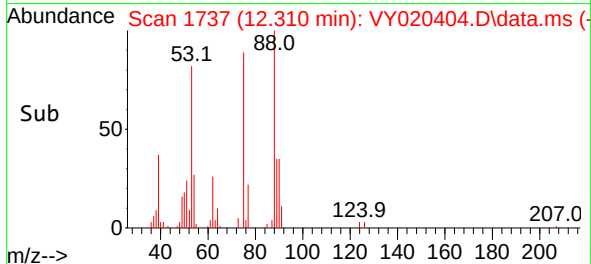
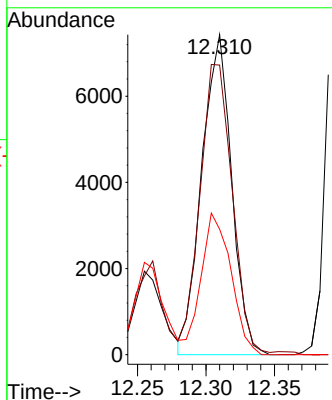
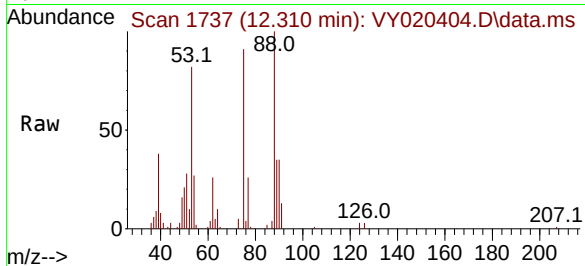




#81
trans-1,4-Dichloro-2-butene
Concen: 20.706 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

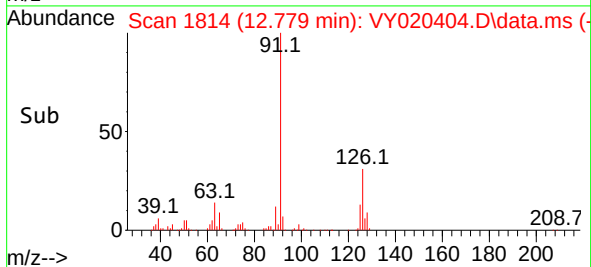
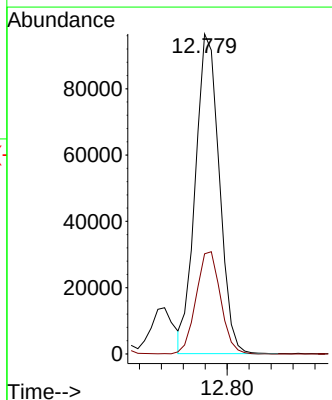
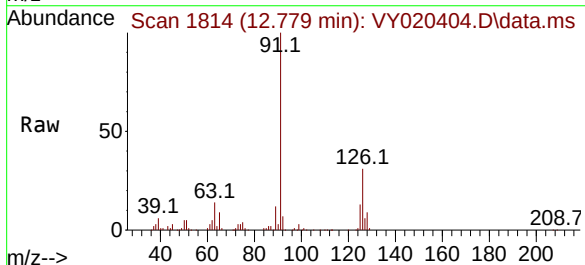
Instrument :
MSVOA_Y
ClientSampleId :

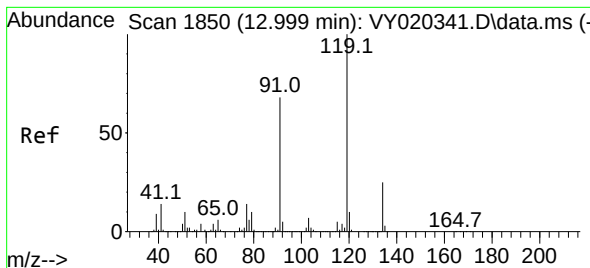
Tgt Ion: 75 Resp: 11280
Ion Ratio Lower Upper
75 100
53 98.7 81.1 121.7
89 44.7 35.1 52.7



#82
4-Chlorotoluene
Concen: 21.378 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY020404.D
Acq: 22 Nov 2024 11:04

Tgt Ion: 91 Resp: 146063
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 22.594 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

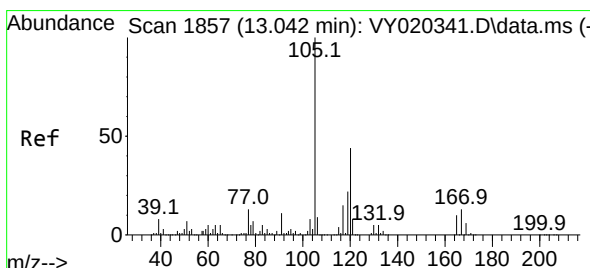
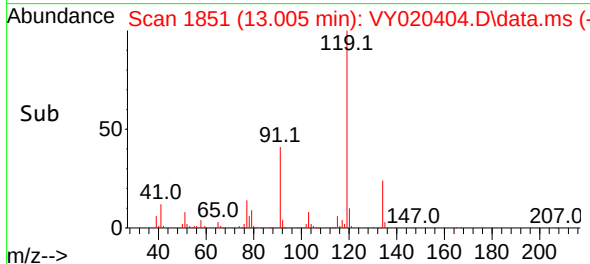
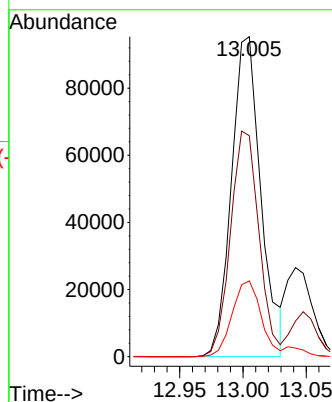
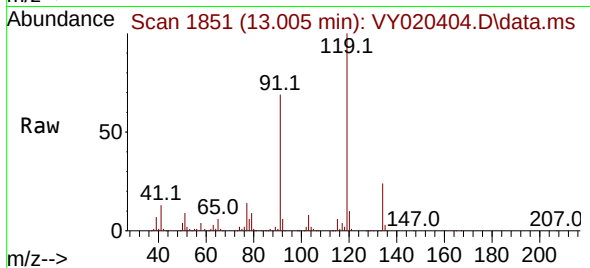
Tgt Ion:119 Resp: 154600

Ion Ratio Lower Upper

119 100

91 68.1 33.3 99.9

134 23.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.647 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020404.D

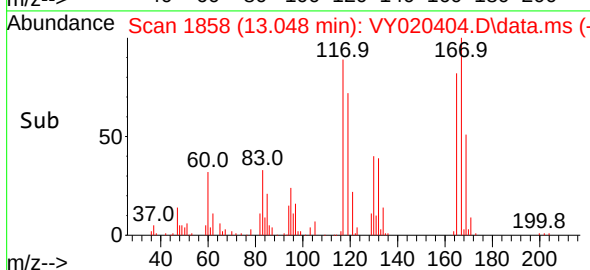
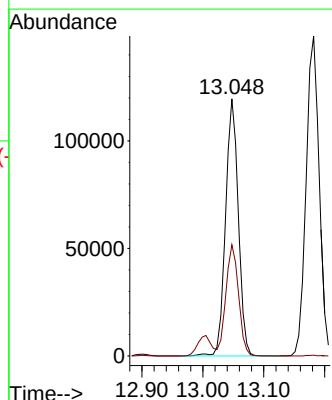
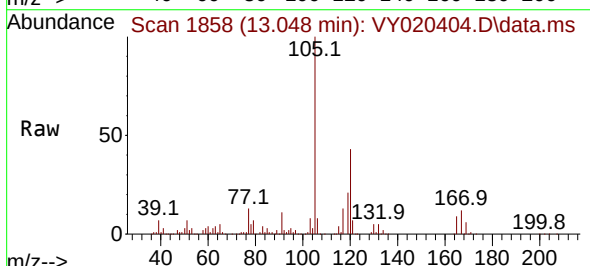
Acq: 22 Nov 2024 11:04

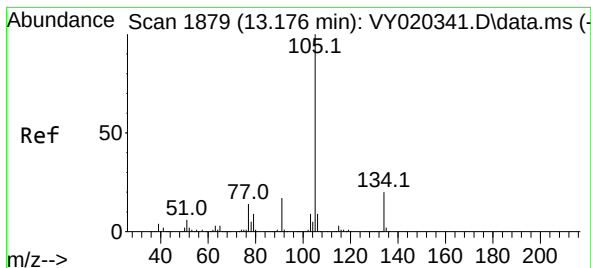
Tgt Ion:105 Resp: 174090

Ion Ratio Lower Upper

105 100

120 42.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.548 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

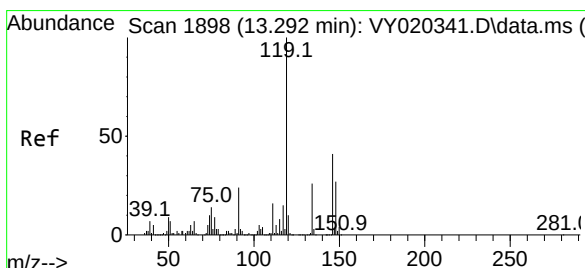
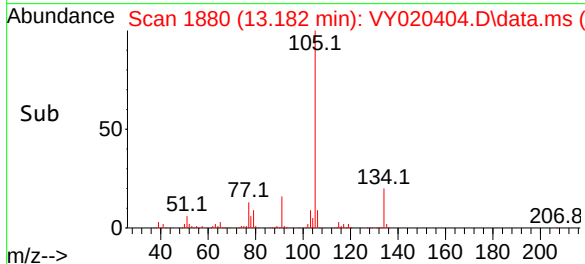
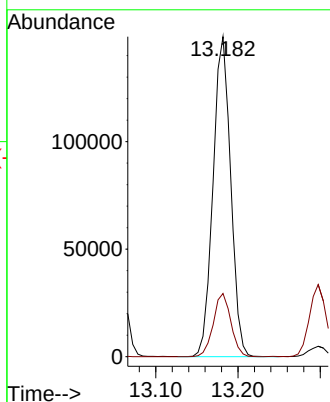
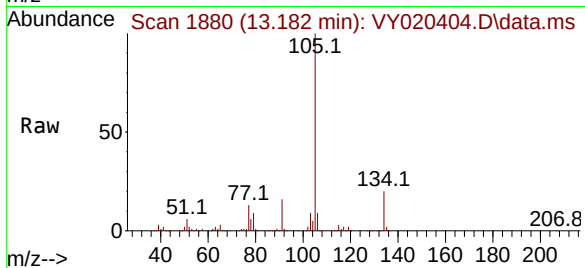
ClientSampleId :

Tgt Ion:105 Resp: 221656

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 22.115 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

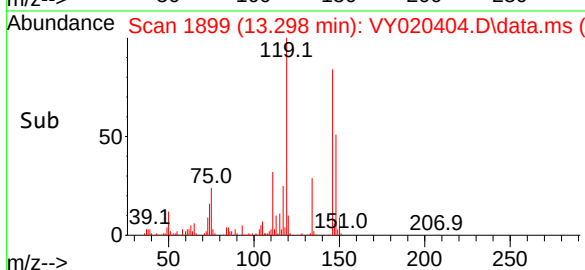
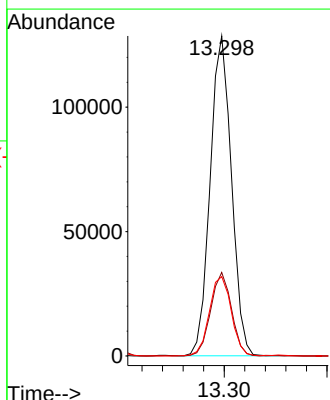
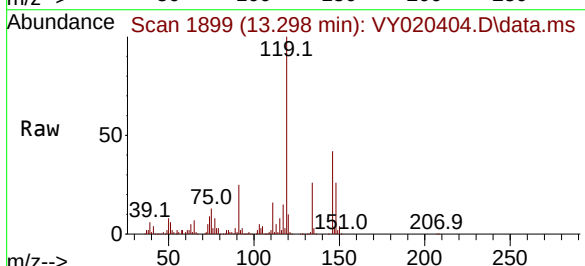
Tgt Ion:119 Resp: 184448

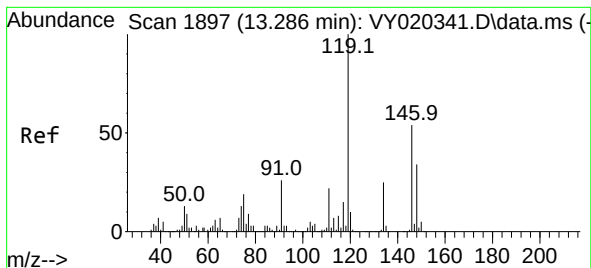
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 25.6 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 21.637 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

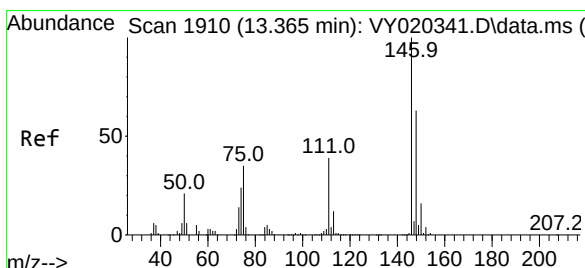
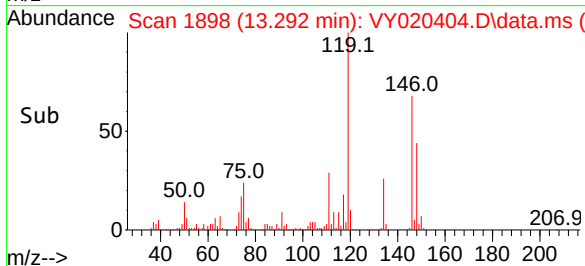
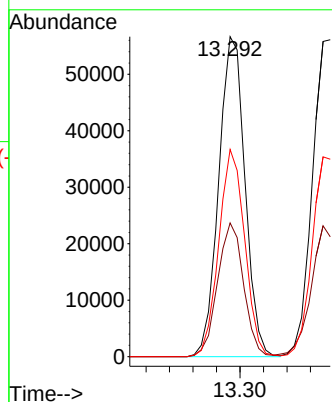
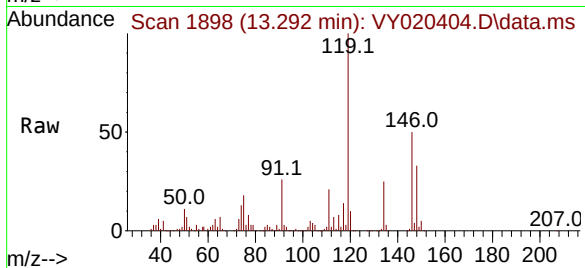
Tgt Ion:146 Resp: 87940

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.6

148 63.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 22.624 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.012 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

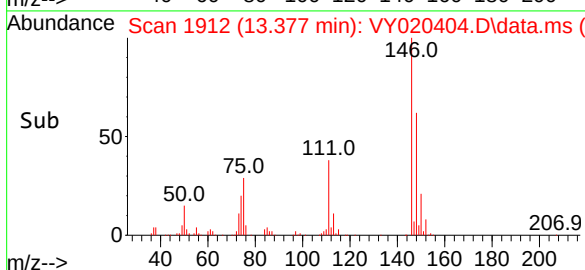
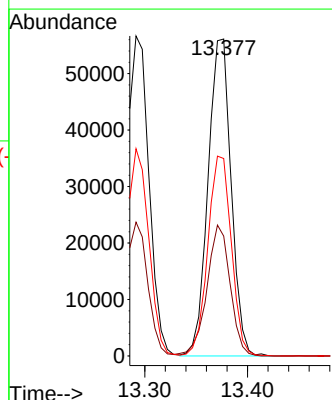
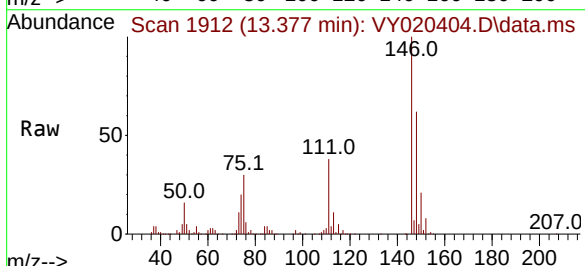
Tgt Ion:146 Resp: 87853

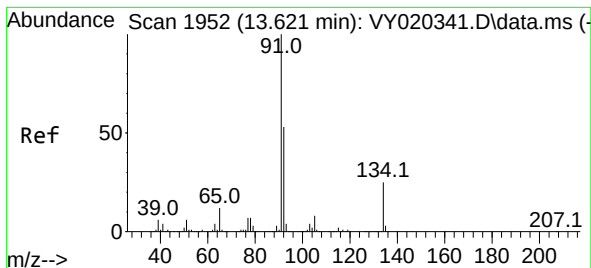
Ion Ratio Lower Upper

146 100

111 41.5 19.9 59.6

148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 21.478 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

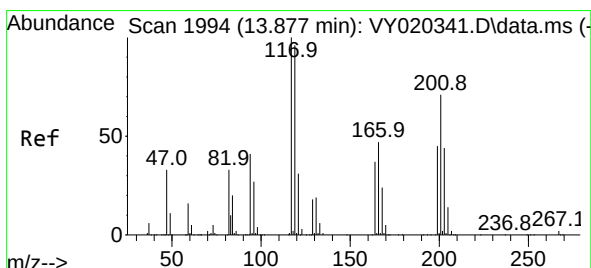
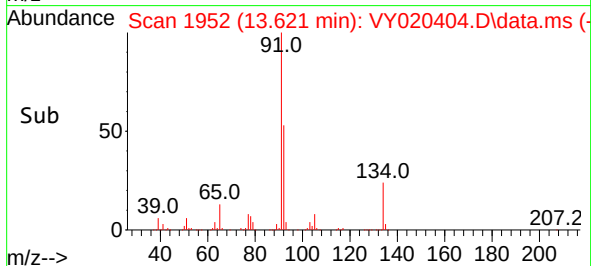
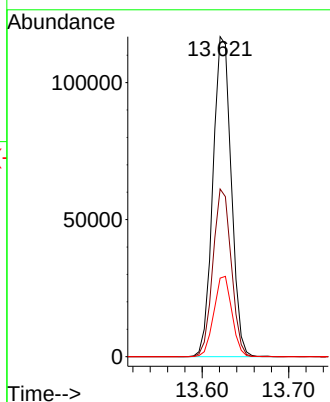
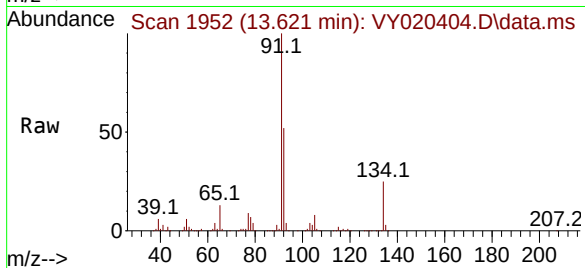
Tgt Ion: 91 Resp: 171542

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 24.8 12.2 36.4



#90

Hexachloroethane

Concen: 21.300 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY020404.D

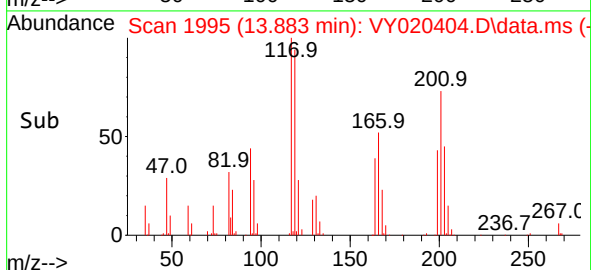
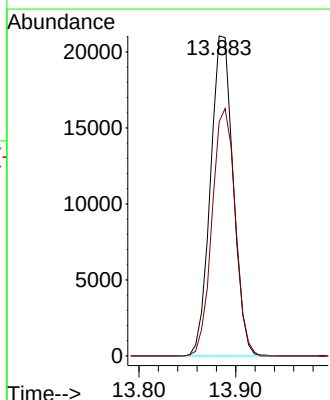
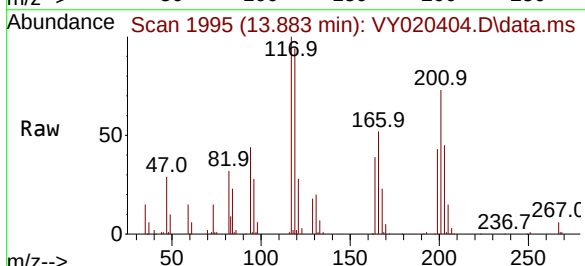
Acq: 22 Nov 2024 11:04

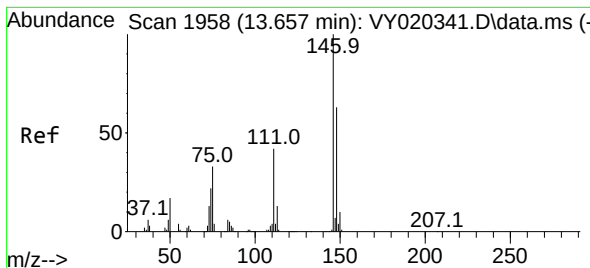
Tgt Ion: 117 Resp: 34288

Ion Ratio Lower Upper

117 100

201 79.1 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 22.275 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

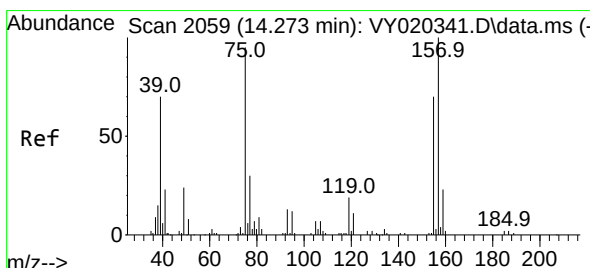
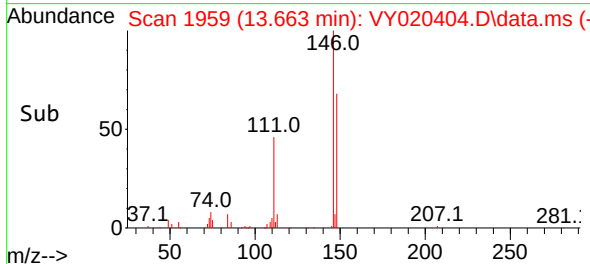
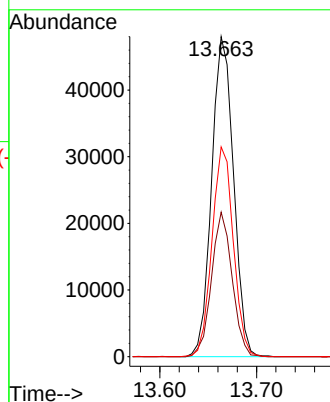
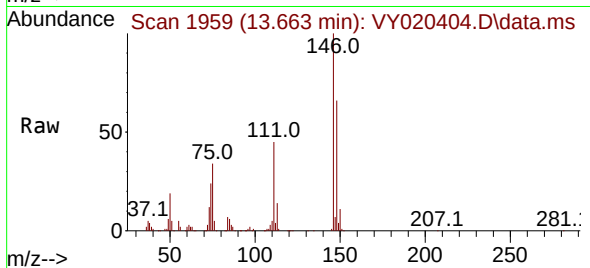
Tgt Ion:146 Resp: 75430

Ion Ratio Lower Upper

146 100

111 42.6 20.8 62.5

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.754 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

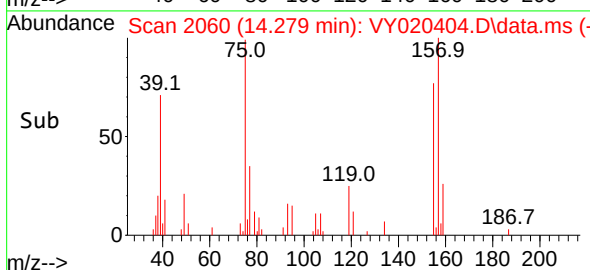
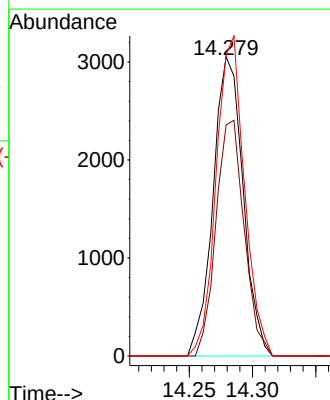
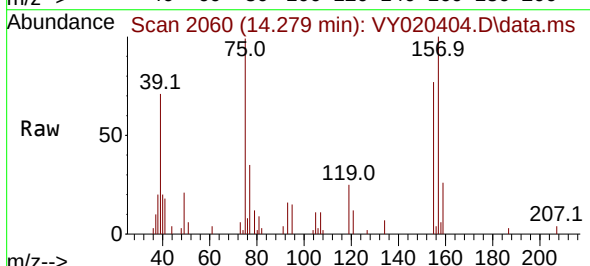
Tgt Ion: 75 Resp: 5026

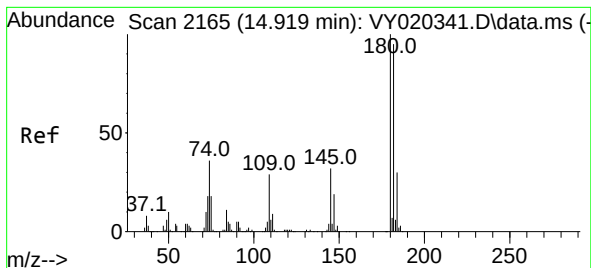
Ion Ratio Lower Upper

75 100

155 74.2 39.7 119.1

157 100.7 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 21.257 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.012 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

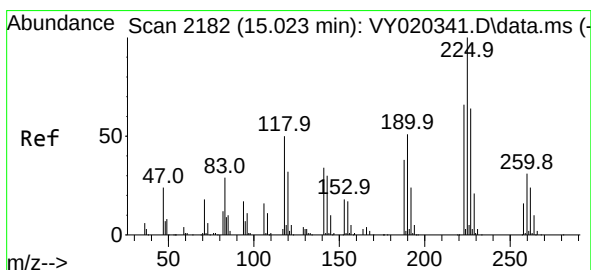
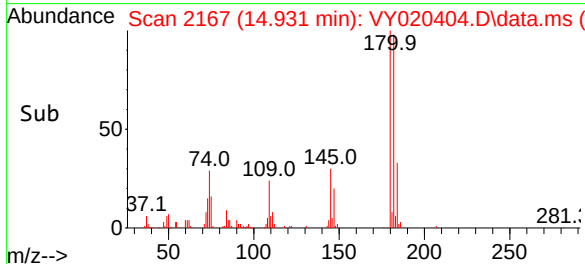
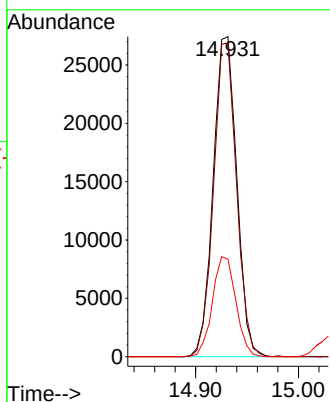
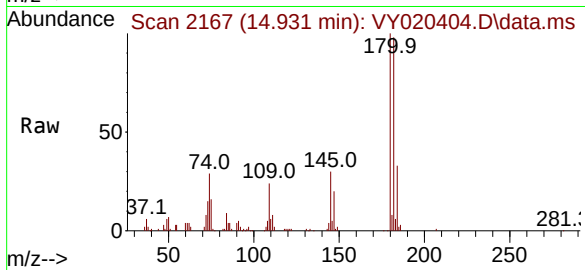
Tgt Ion:180 Resp: 43522

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.8

145 31.2 15.8 47.3



#94

Hexachlorobutadiene

Concen: 22.118 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

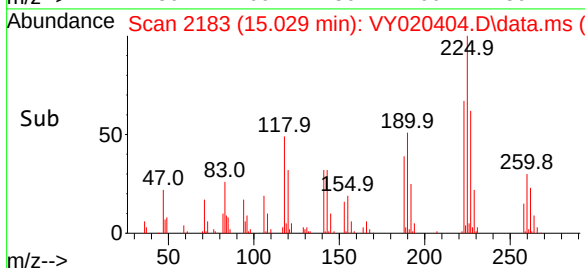
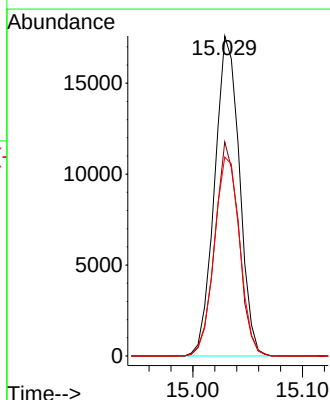
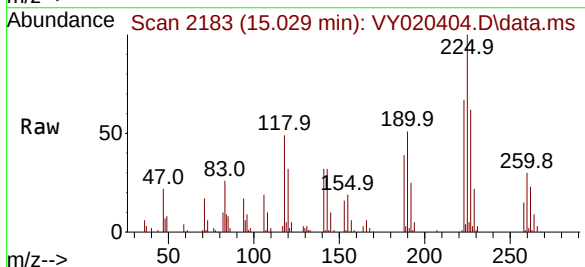
Tgt Ion:225 Resp: 27642

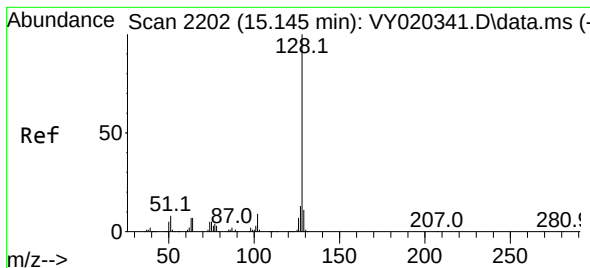
Ion Ratio Lower Upper

225 100

223 64.5 31.9 95.5

227 64.0 32.3 96.8





#95

Naphthalene

Concen: 20.501 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

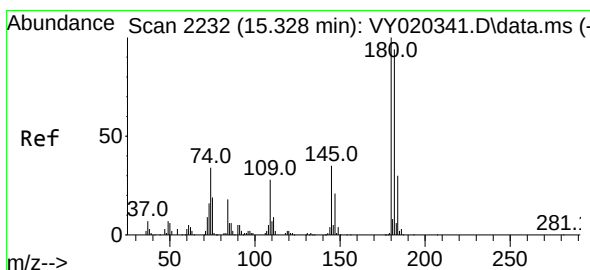
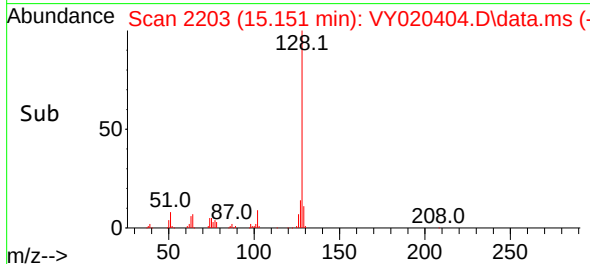
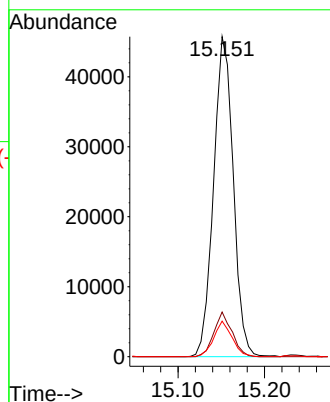
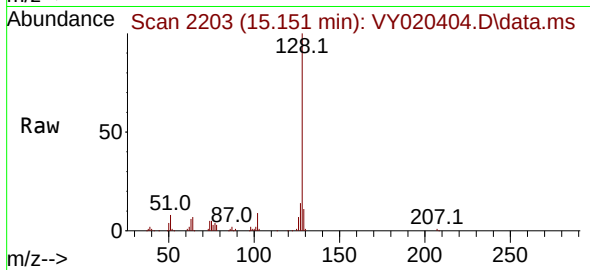
Tgt Ion:128 Resp: 72288

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.585 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY020404.D

Acq: 22 Nov 2024 11:04

Tgt Ion:180 Resp: 36036

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 32.4 16.9 50.6

