

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018365.D
 Acq On : 24 May 2024 14:46
 Operator : SY/MD
 Sample : VY0524SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:23:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	128137	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	234962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	205628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70245	57.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.720%	
35) Dibromofluoromethane	7.704	113	73020	53.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.580%	
50) Toluene-d8	10.173	98	295796	55.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.740%	
62) 4-Bromofluorobenzene	12.477	95	92734	56.180	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.894	85	21779	19.914	ug/l	92
3) Chloromethane	2.101	50	37601	21.156	ug/l	97
4) Vinyl Chloride	2.241	62	45530	22.899	ug/l	99
5) Bromomethane	2.631	94	31895	22.437	ug/l	96
6) Chloroethane	2.778	64	30540	23.662	ug/l	95
7) Trichlorofluoromethane	3.113	101	49710	22.278	ug/l	95
8) Diethyl Ether	3.521	74	16248	22.805	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	29314	21.295	ug/l	93
10) Methyl Iodide	4.076	142	28338	20.470	ug/l	99
11) Tert butyl alcohol	4.942	59	20934	174.135	ug/l	98
12) 1,1-Dichloroethene	3.851	96	27263	20.109	ug/l	94
13) Acrolein	3.716	56	12302	114.510	ug/l	100
14) Allyl chloride	4.460	41	44613	23.561	ug/l	94
15) Acrylonitrile	5.149	53	35811	116.205	ug/l	98
16) Acetone	3.936	43	30085	120.490	ug/l	90
17) Carbon Disulfide	4.180	76	73752	19.480	ug/l	# 95
18) Methyl Acetate	4.460	43	16216	24.502	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	74930	23.048	ug/l	96
20) Methylene Chloride	4.698	84	42648	27.485	ug/l	86
21) trans-1,2-Dichloroethene	5.198	96	30389	21.247	ug/l	96
22) Diisopropyl ether	6.100	45	98649	25.070	ug/l	92
23) Vinyl Acetate	6.045	43	296061	117.503	ug/l	96
24) 1,1-Dichloroethane	5.997	63	56589	23.450	ug/l	96
25) 2-Butanone	6.972	43	48447	122.440	ug/l	94
26) 2,2-Dichloropropane	6.972	77	48774	23.381	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	38460	22.884	ug/l	95
28) Bromochloromethane	7.319	49	18768	22.899	ug/l	81
29) Tetrahydrofuran	7.338	42	31600	121.333	ug/l	87
30) Chloroform	7.490	83	58498	23.783	ug/l	96
31) Cyclohexane	7.777	56	50068	22.015	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	47823	22.151	ug/l	95
36) 1,1-Dichloropropene	7.905	75	41995	21.134	ug/l	97
37) Ethyl Acetate	7.063	43	20137	21.184	ug/l	# 95
38) Carbon Tetrachloride	7.886	117	40539	19.919	ug/l	97
39) Methylcyclohexane	9.179	83	55350	19.968	ug/l	95
40) Benzene	8.149	78	131139	21.649	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	11752	24.768	ug/l	86
42) 1,2-Dichloroethane	8.228	62	32059	22.002	ug/l	99
43) Isopropyl Acetate	8.264	43	40163	21.655	ug/l	93
44) Trichloroethene	8.935	130	31509	20.293	ug/l	100
45) 1,2-Dichloropropane	9.209	63	30859	22.651	ug/l	95
46) Dibromomethane	9.301	93	16952	21.205	ug/l	89
47) Bromodichloromethane	9.490	83	42383	21.845	ug/l	97
48) Methyl methacrylate	9.289	41	18099	21.574	ug/l	95
49) 1,4-Dioxane	9.289	88	4628	446.190	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	105822	113.055	ug/l	92
52) Toluene	10.240	92	81757	21.531	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	40247	22.690	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	47778	21.982	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	23324	22.022	ug/l	97
56) Ethyl methacrylate	10.508	69	33933	23.358	ug/l #	90
57) 1,3-Dichloropropane	10.782	76	41174	22.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	69052	105.194	ug/l	97
59) 2-Hexanone	10.825	43	75634	117.431	ug/l	93
60) Dibromochloromethane	10.977	129	27691	21.646	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20982	21.471	ug/l	97
64) Tetrachloroethene	10.715	164	27841	19.087	ug/l	94
65) Chlorobenzene	11.514	112	87701	20.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	29157	21.698	ug/l	95
67) Ethyl Benzene	11.587	91	158887	21.299	ug/l	99
68) m/p-Xylenes	11.697	106	121930	42.481	ug/l	99
69) o-Xylene	12.026	106	57649	21.283	ug/l	96
70) Styrene	12.038	104	98667	22.036	ug/l	99
71) Bromoform	12.203	173	14311	20.135	ug/l #	97
73) Isopropylbenzene	12.325	105	152202	20.867	ug/l	100
74) N-amyl acetate	12.142	43	36586	21.499	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	27002	21.726	ug/l	98
76) 1,2,3-Trichloropropane	12.623	75	33468	40.126	ug/l #	100
77) Bromobenzene	12.605	156	31126	19.484	ug/l	90
78) n-propylbenzene	12.666	91	185110	21.195	ug/l	98
79) 2-Chlorotoluene	12.751	91	101372	21.440	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	119153	20.788	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	8575	21.153	ug/l	96
82) 4-Chlorotoluene	12.849	91	102624	21.406	ug/l	99
83) tert-Butylbenzene	13.075	119	113548	21.431	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	118505	21.023	ug/l	99
85) sec-Butylbenzene	13.251	105	165084	21.068	ug/l	98
86) p-Isopropyltoluene	13.367	119	134248	20.945	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	63885	20.308	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	64998	20.760	ug/l	98
89) n-Butylbenzene	13.690	91	126269	20.964	ug/l	98
90) Hexachloroethane	13.959	117	24823	20.972	ug/l	84
91) 1,2-Dichlorobenzene	13.733	146	57452	21.047	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3591	21.066	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	28515	18.340	ug/l	97
94) Hexachlorobutadiene	15.111	225	14758	18.548	ug/l	95
95) Naphthalene	15.233	128	57217	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	25033	18.937	ug/l	95

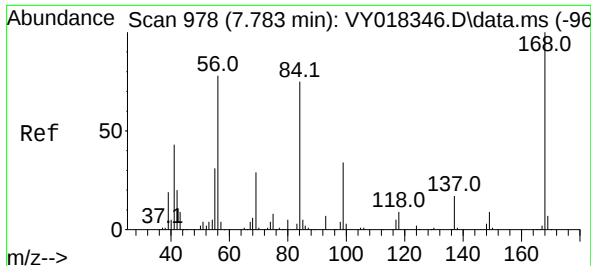
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
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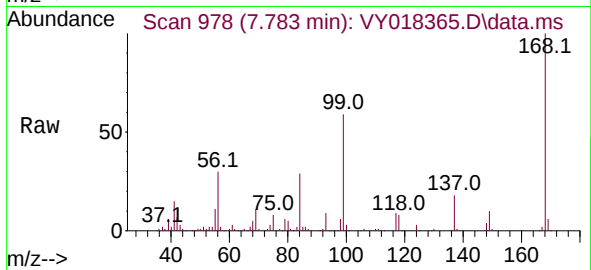
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

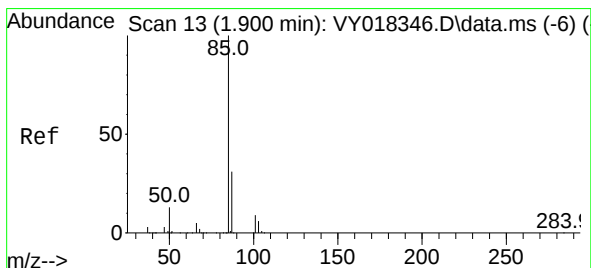
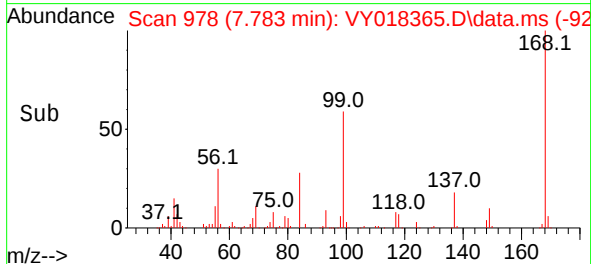
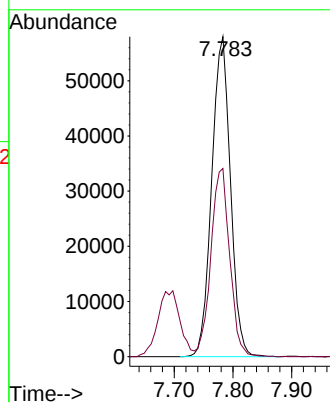


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

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MSVOA_Y
ClientSampleId :

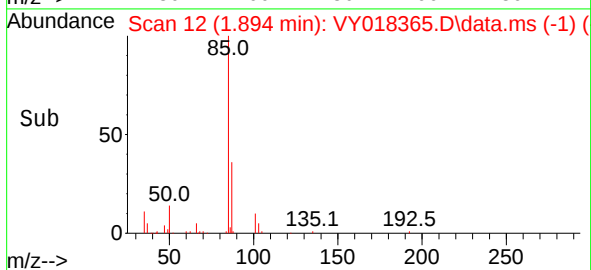
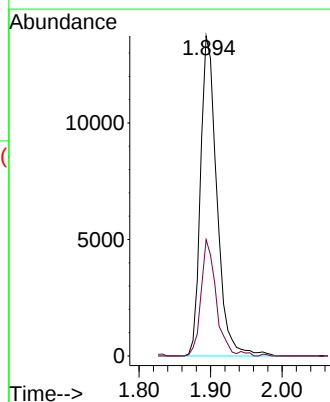
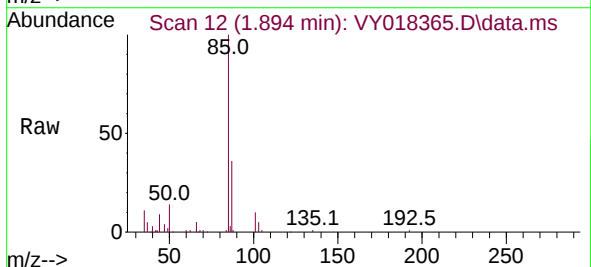


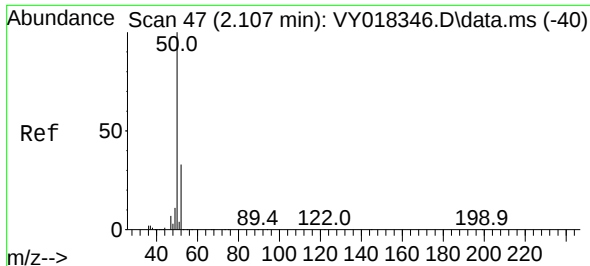
Tgt Ion:168 Resp: 128137
Ion Ratio Lower Upper
168 100
99 58.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 19.914 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

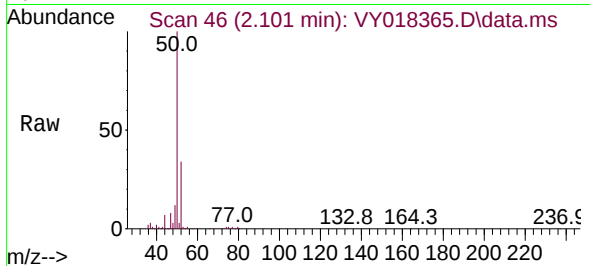
Tgt Ion: 85 Resp: 21779
Ion Ratio Lower Upper
85 100
87 36.4 16.0 48.0



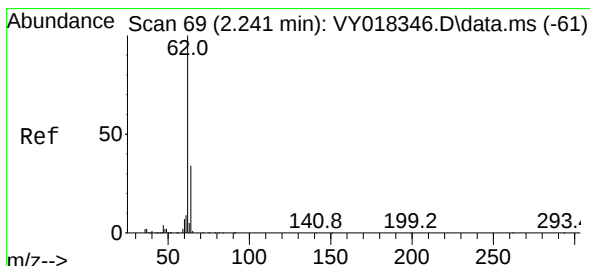
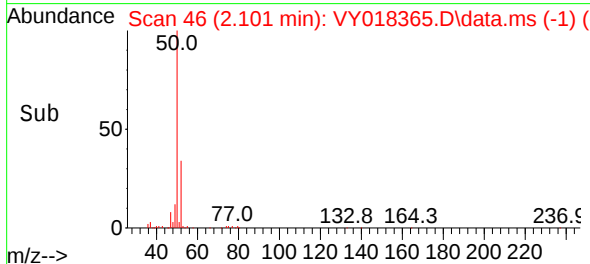
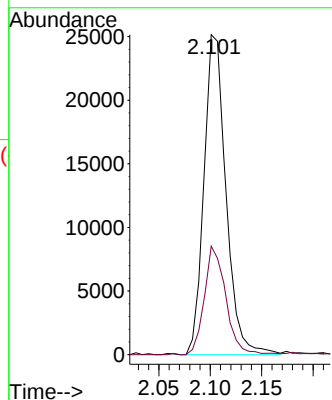


#3
Chloromethane
Concen: 21.156 ug/l
RT: 2.101 min Scan# 40
Delta R.T. -0.006 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Instrument :
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ClientSampleId :

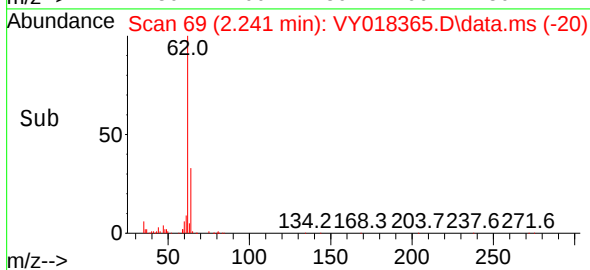
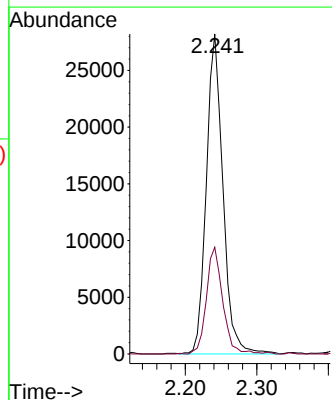
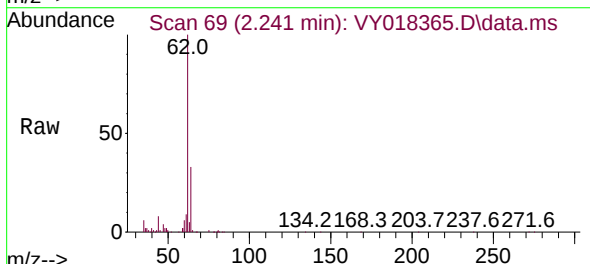


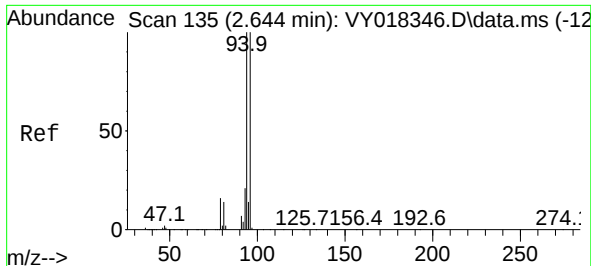
Tgt Ion: 50 Resp: 37601
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 22.899 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Tgt Ion: 62 Resp: 45530
Ion Ratio Lower Upper
62 100
64 33.4 26.1 39.1

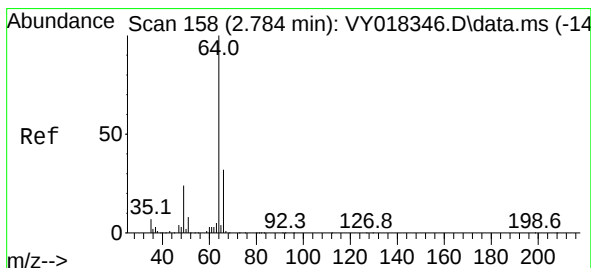
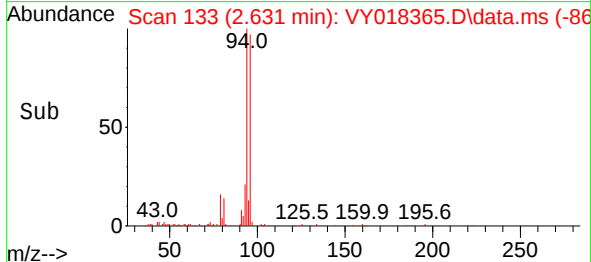
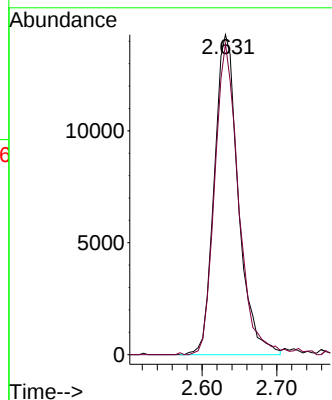
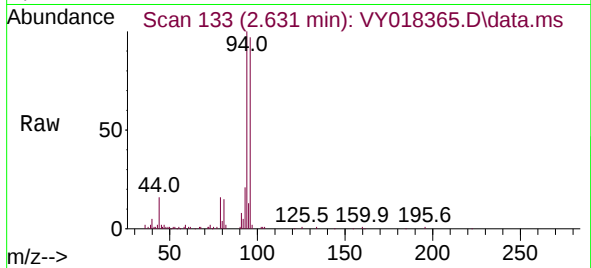




#5
Bromomethane
Concen: 22.437 ug/l
RT: 2.631 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

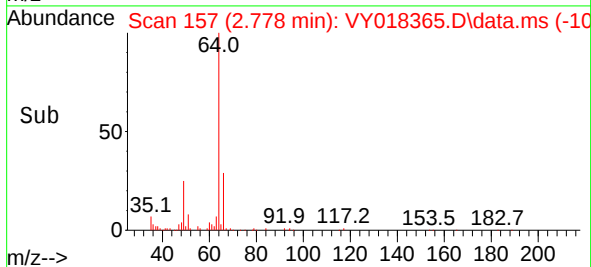
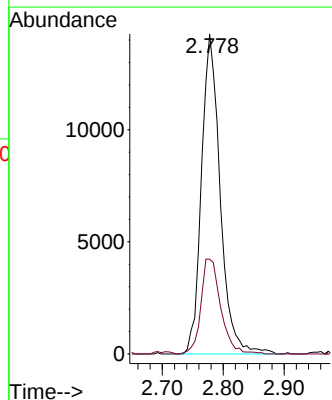
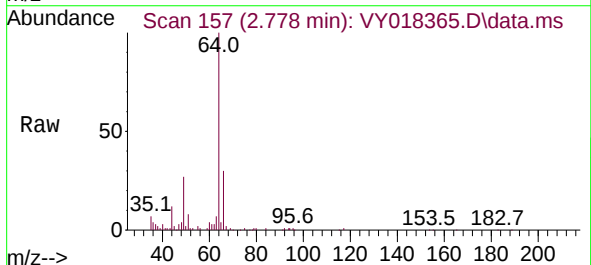
Instrument :
MSVOA_Y
ClientSampleId :

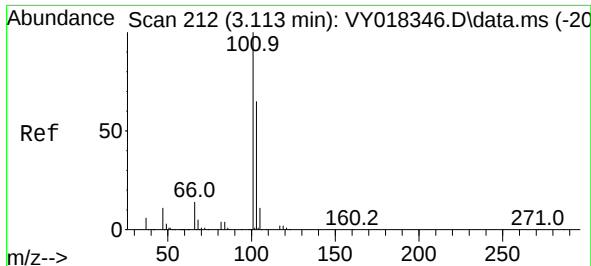
Tgt Ion: 94 Resp: 31895
Ion Ratio Lower Upper
94 100
96 96.6 74.1 111.1



#6
Chloroethane
Concen: 23.662 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

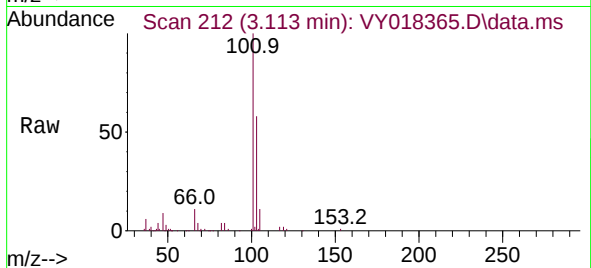
Tgt Ion: 64 Resp: 30540
Ion Ratio Lower Upper
64 100
66 29.6 26.1 39.1



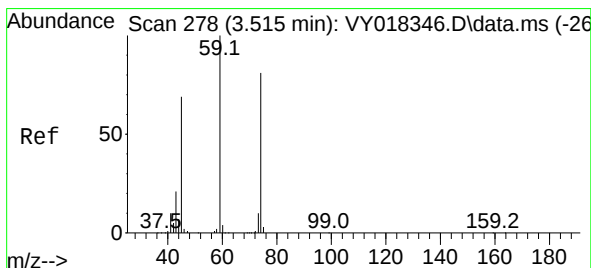
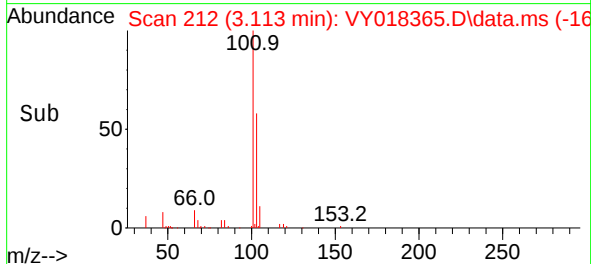
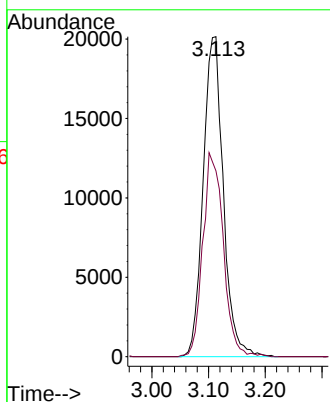


#7
Trichlorofluoromethane
Concen: 22.278 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY018365.D
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Instrument :
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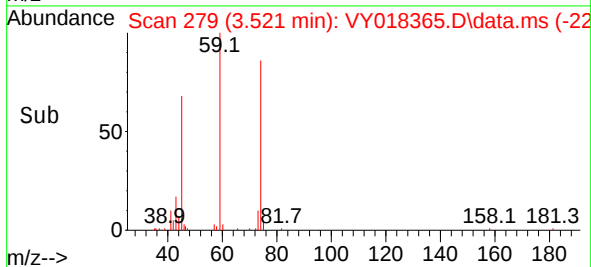
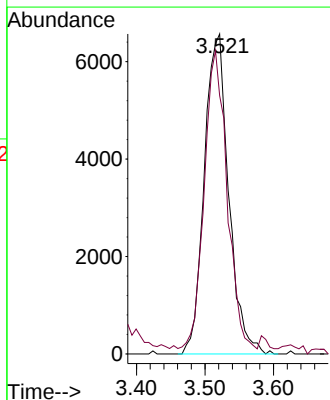
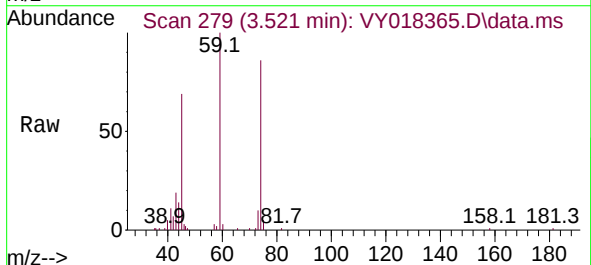


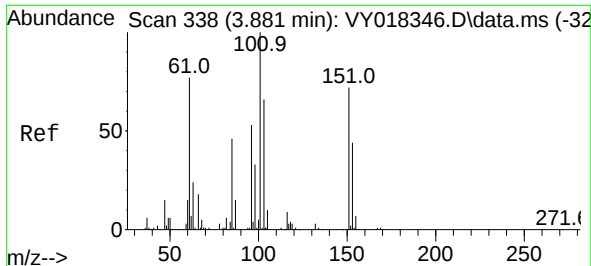
Tgt Ion:101 Resp: 49710
Ion Ratio Lower Upper
101 100
103 58.1 49.3 73.9



#8
Diethyl Ether
Concen: 22.805 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Tgt Ion: 74 Resp: 16248
Ion Ratio Lower Upper
74 100
45 91.3 41.3 124.1

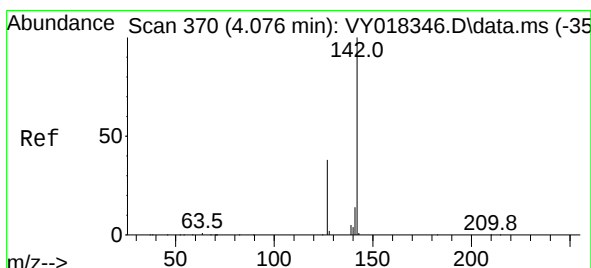
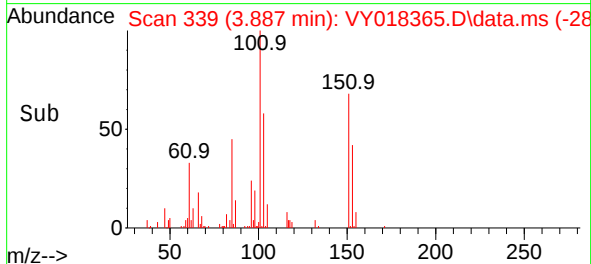
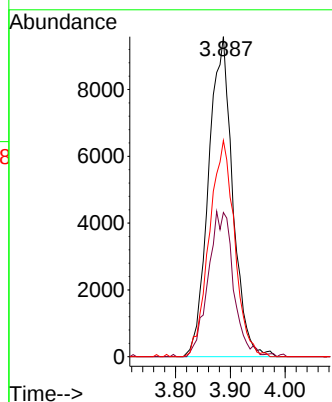
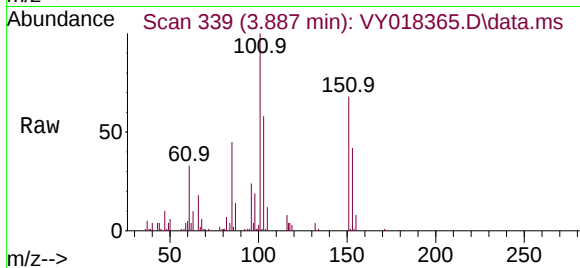




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.295 ug/l
RT: 3.887 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY018365.D
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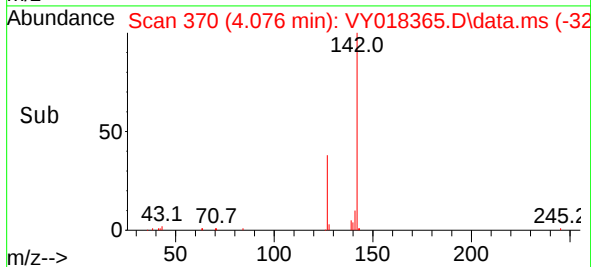
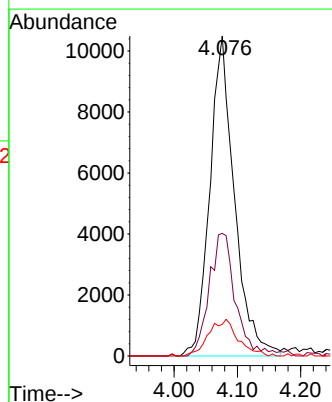
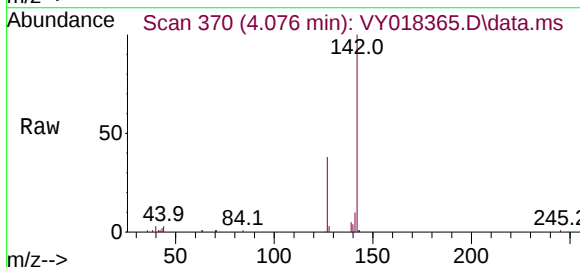
Instrument :
MSVOA_Y
ClientSampleId :

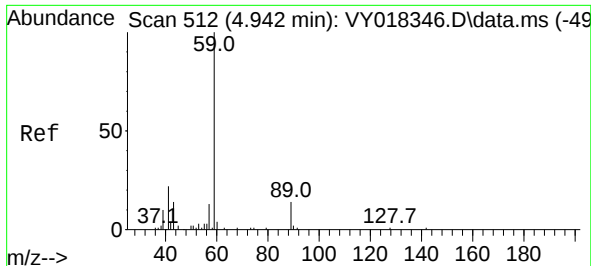
Tgt Ion:101 Resp: 29314
Ion Ratio Lower Upper
101 100
85 47.5 34.5 51.7
151 70.9 61.7 92.5



#10
Methyl Iodide
Concen: 20.470 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Tgt Ion:142 Resp: 28338
Ion Ratio Lower Upper
142 100
127 40.7 32.8 49.2
141 13.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 174.135 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

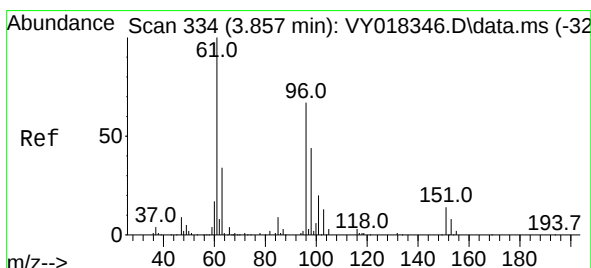
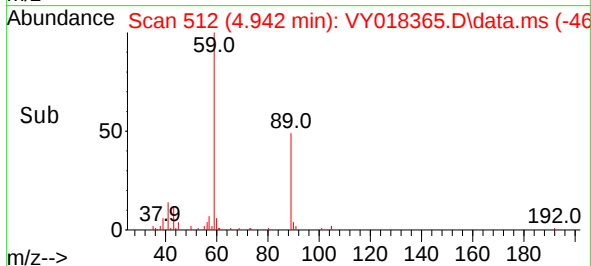
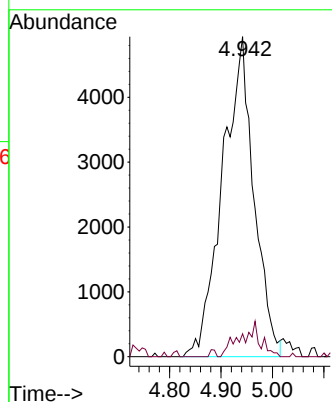
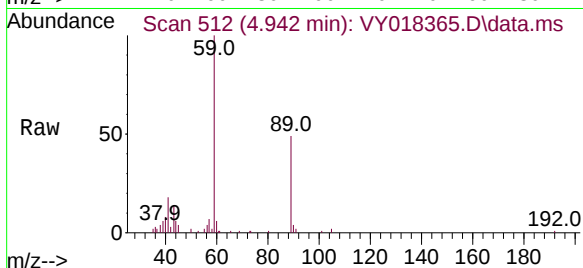
ClientSampleId :

Tgt Ion: 59 Resp: 20934

Ion Ratio Lower Upper

59 100

57 3.2 3.0 4.6



#12

1,1-Dichloroethene

Concen: 20.109 ug/l

RT: 3.851 min Scan# 333

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

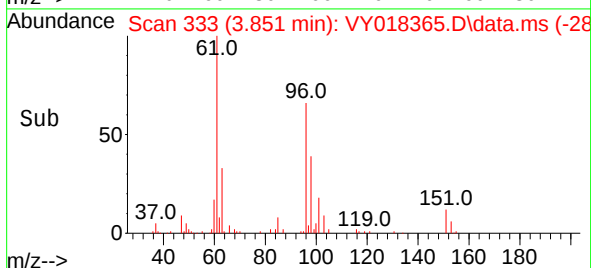
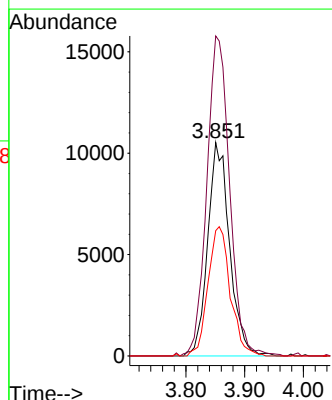
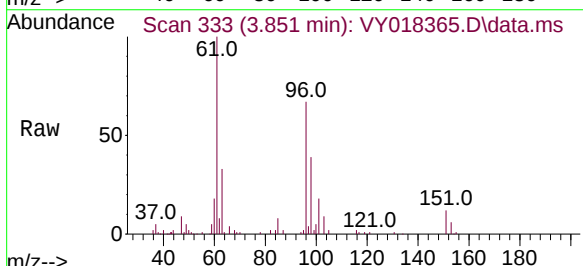
Tgt Ion: 96 Resp: 27263

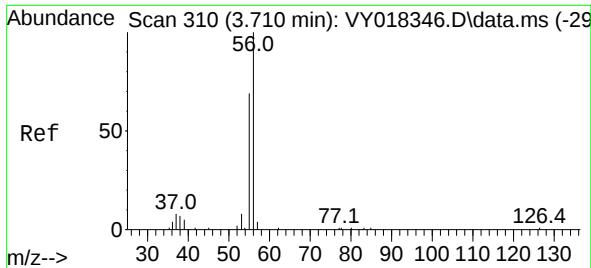
Ion Ratio Lower Upper

96 100

61 150.0 114.6 171.8

98 58.8 50.8 76.2

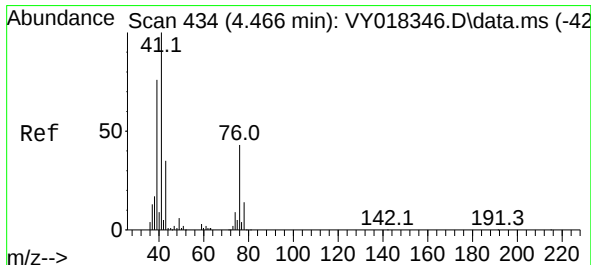
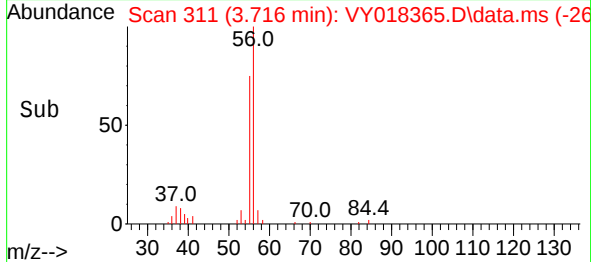
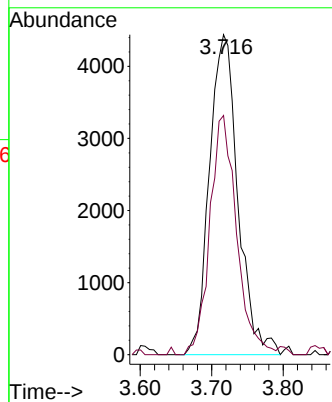
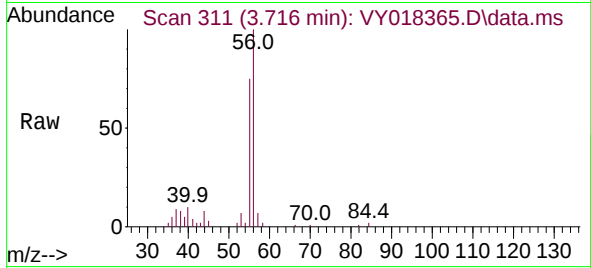




#13
Acrolein
Concen: 114.510 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

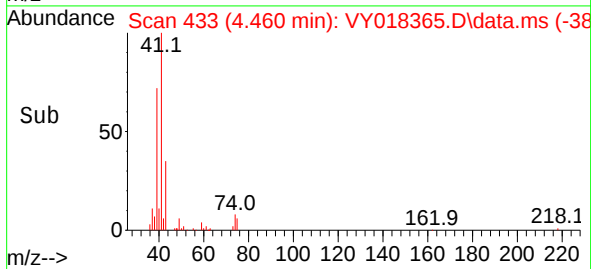
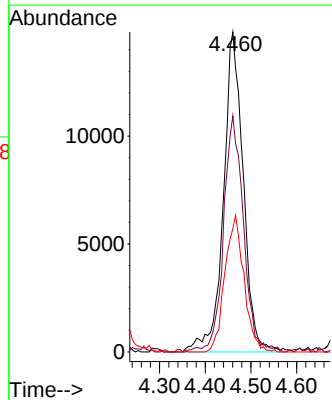
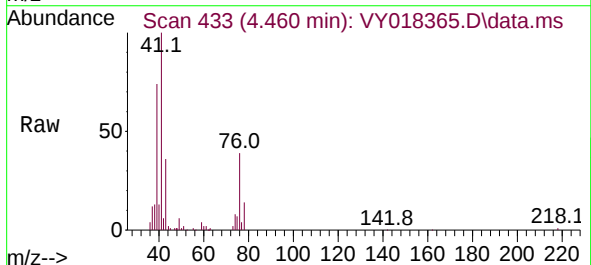
Instrument :
MSVOA_Y
ClientSampleId :

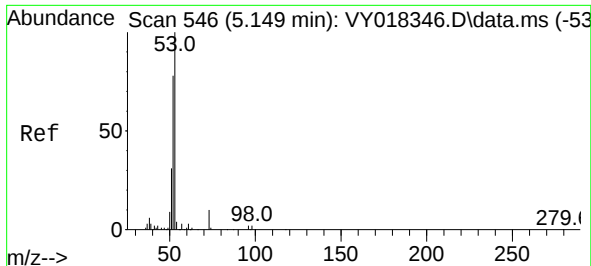
Tgt Ion: 56 Resp: 12302
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5



#14
Allyl chloride
Concen: 23.561 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Tgt Ion: 41 Resp: 44613
Ion Ratio Lower Upper
41 100
39 74.4 58.3 87.5
76 41.2 39.0 58.6





#15

Acrylonitrile

Concen: 116.205 ug/l

RT: 5.149 min Scan# 546

Delta R.T. 0.000 min

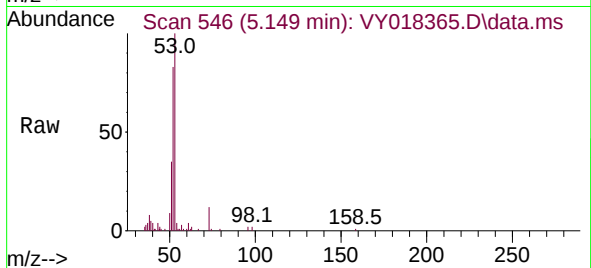
Lab File: VY018365.D

Acq: 24 May 2024 14:46

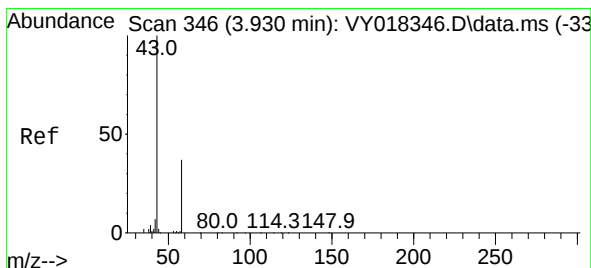
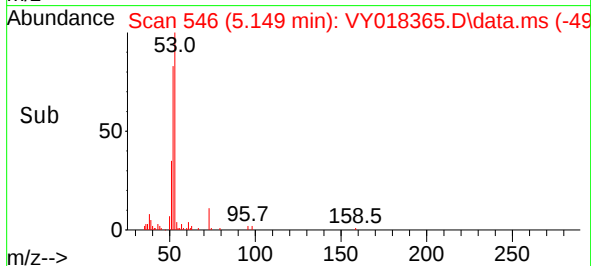
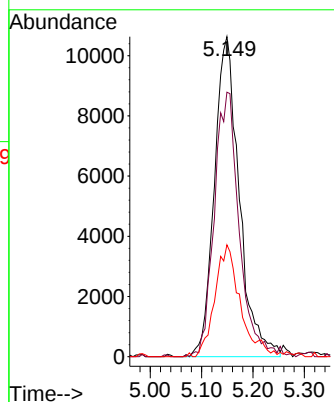
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	35811
Ion	Ratio	Lower	Upper
53	100		
52	82.9	64.7	97.1
51	35.7	28.4	42.6



#16

Acetone

Concen: 120.490 ug/l

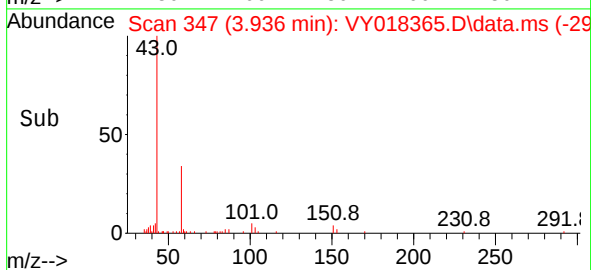
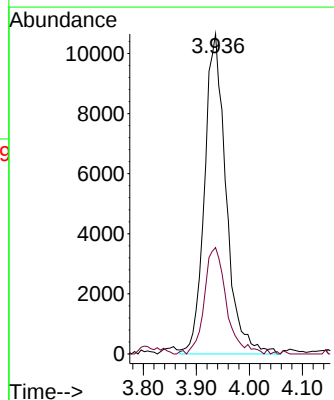
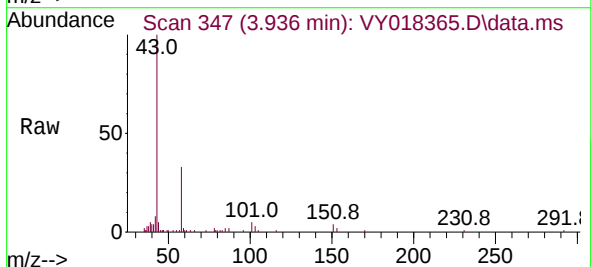
RT: 3.936 min Scan# 347

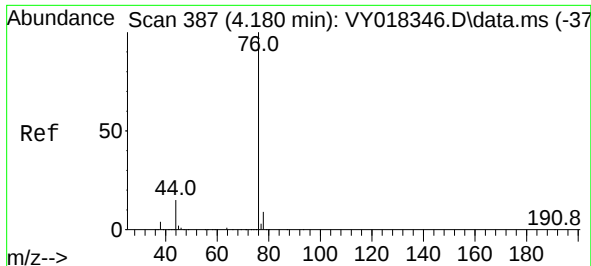
Delta R.T. 0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion:	43	Resp:	30085
Ion	Ratio	Lower	Upper
43	100		
58	33.2	31.7	47.5





#17

Carbon Disulfide

Concen: 19.480 ug/l

RT: 4.180 min Scan# 387

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

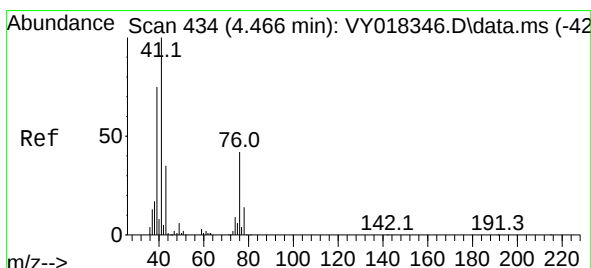
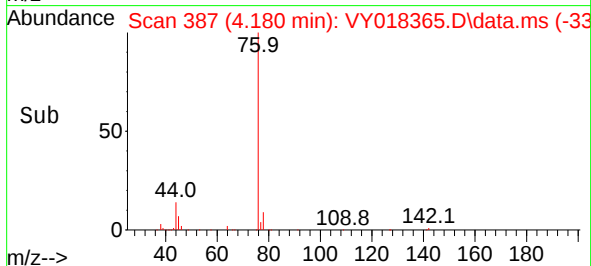
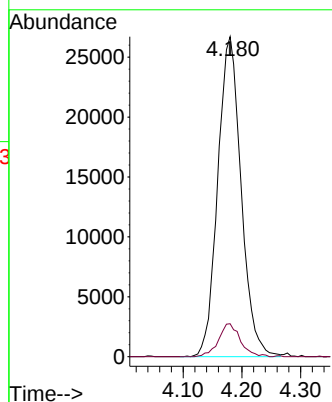
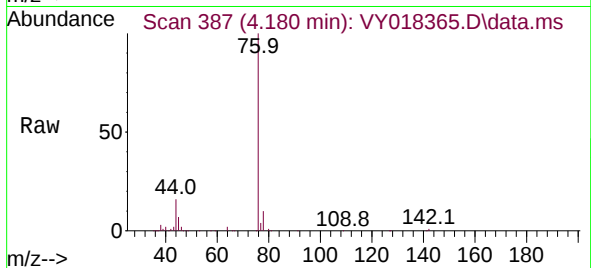
ClientSampleId :

Tgt Ion: 76 Resp: 73752

Ion Ratio Lower Upper

76 100

78 10.3 6.8 10.2#



#18

Methyl Acetate

Concen: 24.502 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018365.D

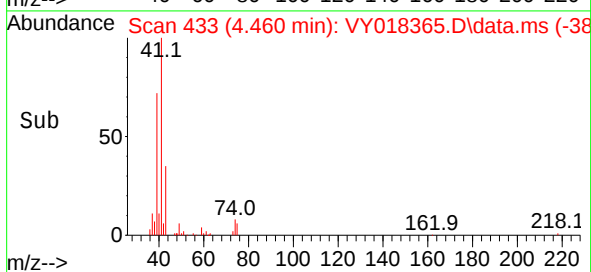
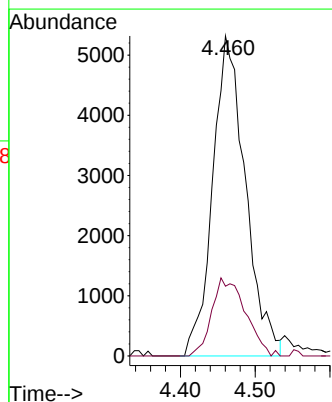
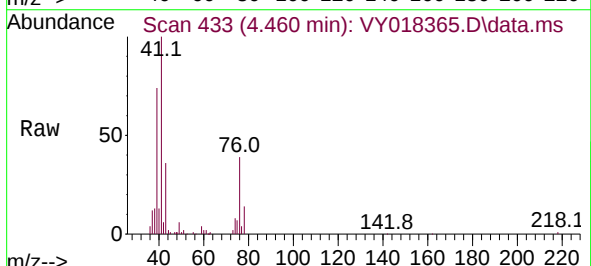
Acq: 24 May 2024 14:46

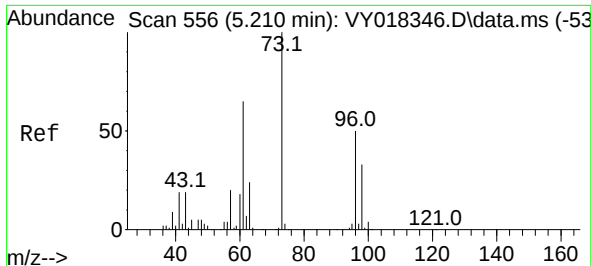
Tgt Ion: 43 Resp: 16216

Ion Ratio Lower Upper

43 100

74 25.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 23.048 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

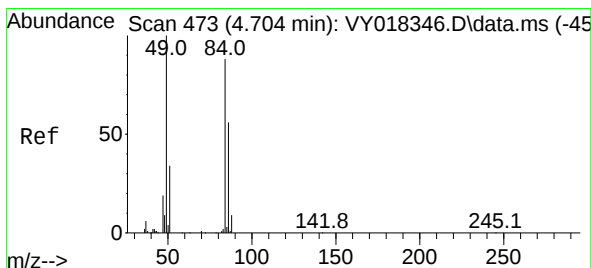
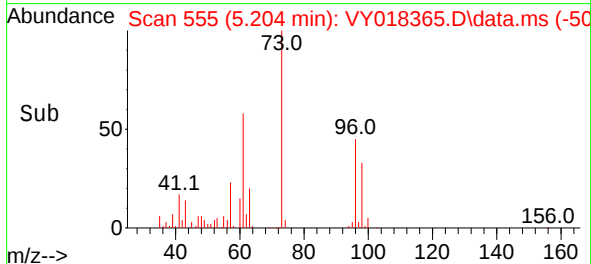
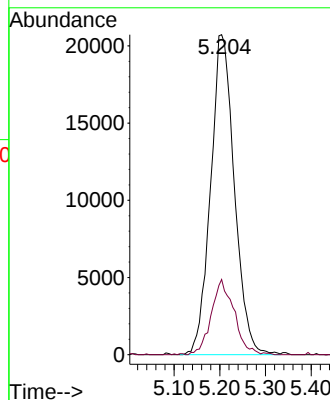
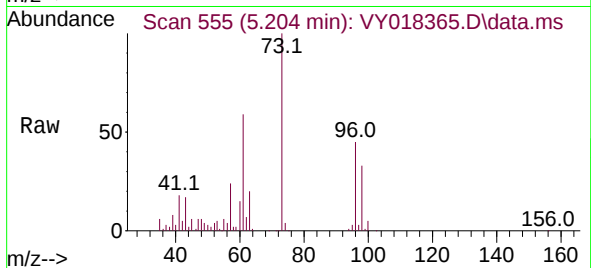
ClientSampleId :

Tgt Ion: 73 Resp: 74930

Ion Ratio Lower Upper

73 100

57 23.5 17.3 25.9



#20

Methylene Chloride

Concen: 27.485 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion: 84 Resp: 42648

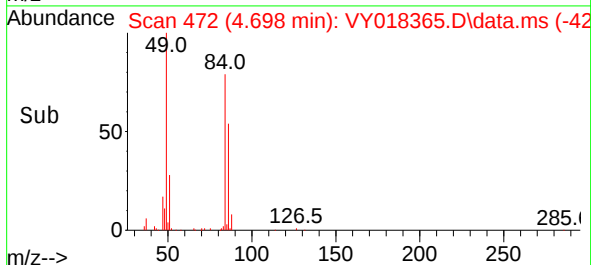
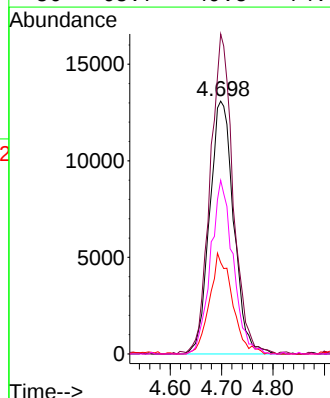
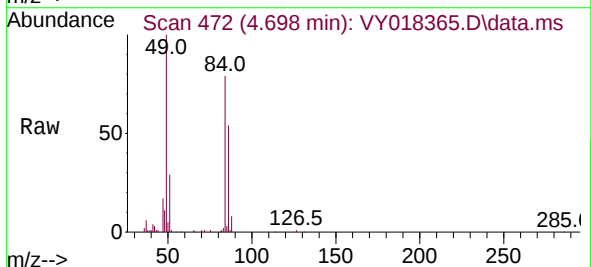
Ion Ratio Lower Upper

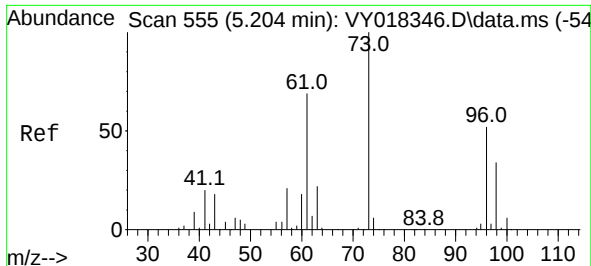
84 100

49 125.9 84.4 126.6

51 36.2 26.0 39.0

86 68.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 21.247 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

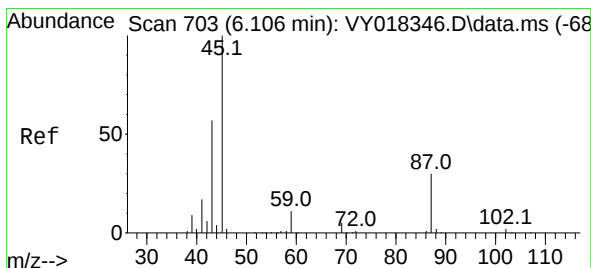
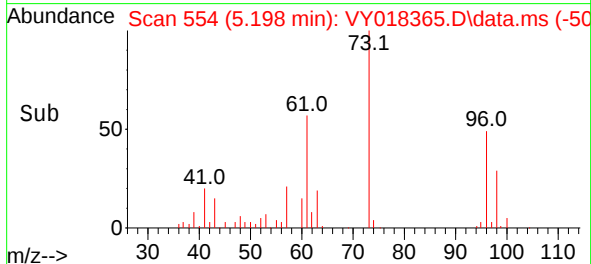
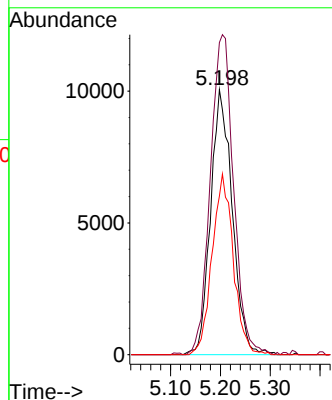
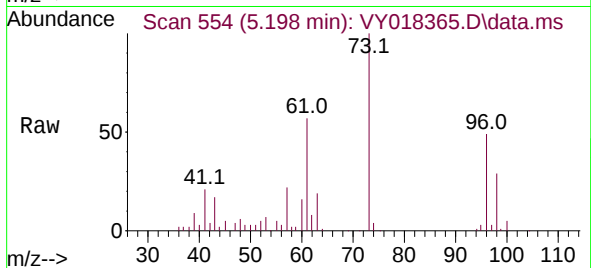
Tgt Ion: 96 Resp: 30389

Ion Ratio Lower Upper

96 100

61 117.7 97.5 146.3

98 59.8 50.5 75.7



#22

Diisopropyl ether

Concen: 25.070 ug/l

RT: 6.100 min Scan# 702

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion: 45 Resp: 98649

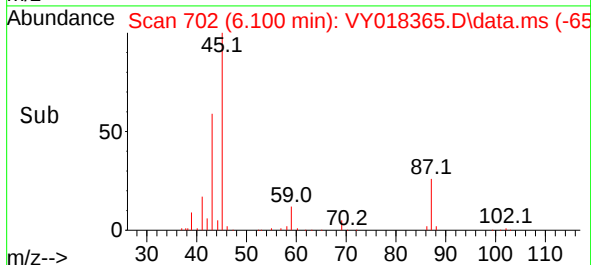
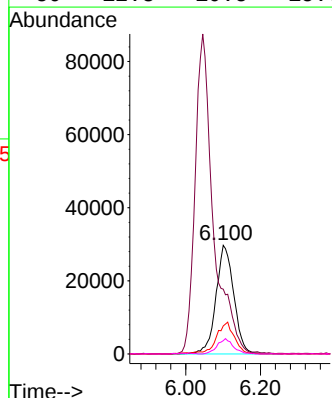
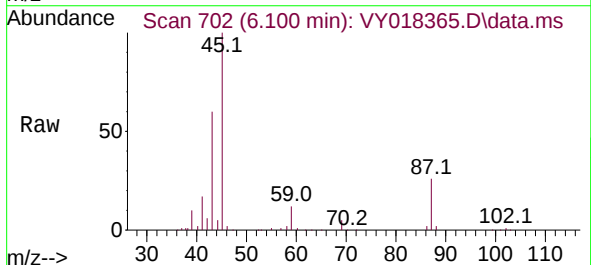
Ion Ratio Lower Upper

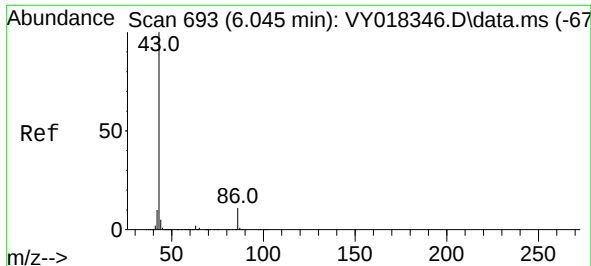
45 100

43 59.0 42.2 63.2

87 25.8 25.0 37.6

59 12.3 10.5 15.7

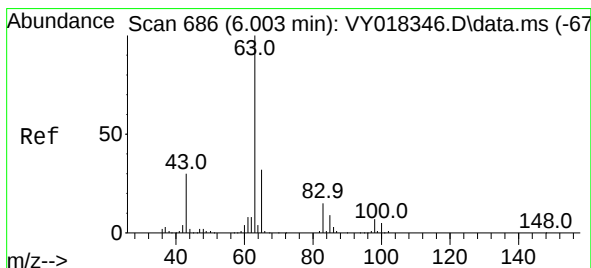
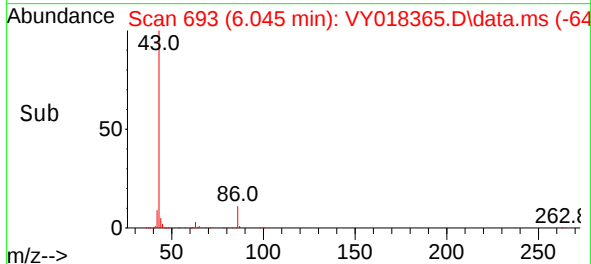
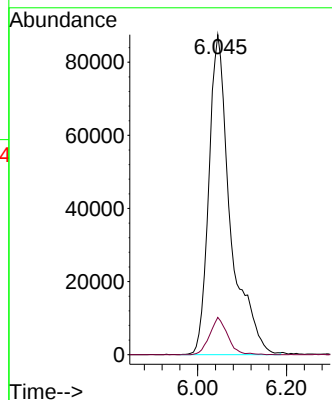
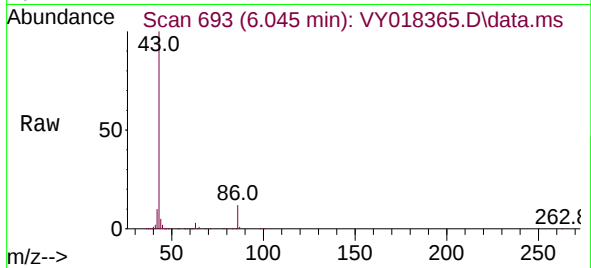




#23
 Vinyl Acetate
 Concen: 117.503 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY018365.D
 Acq: 24 May 2024 14:46

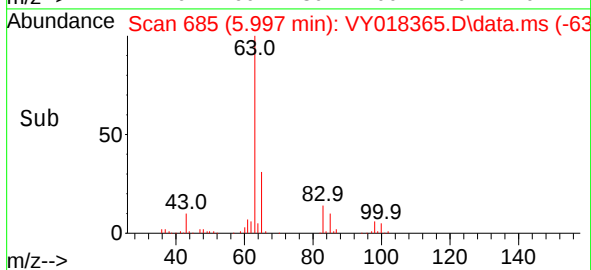
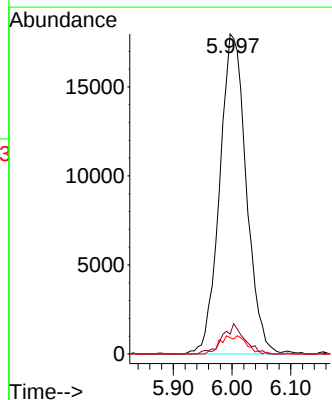
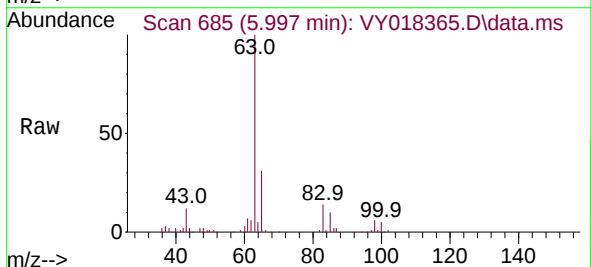
Instrument :
 MSVOA_Y
 ClientSampleId :

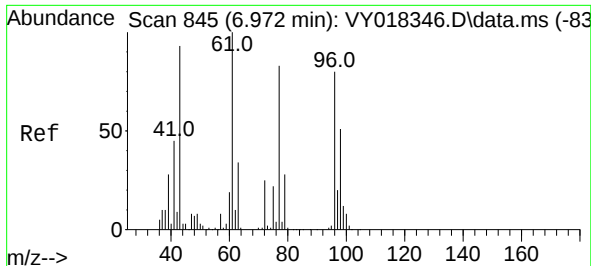
Tgt Ion: 43 Resp: 296061
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 23.450 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY018365.D
 Acq: 24 May 2024 14:46

Tgt Ion: 63 Resp: 56589
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.0 12.2
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 122.440 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

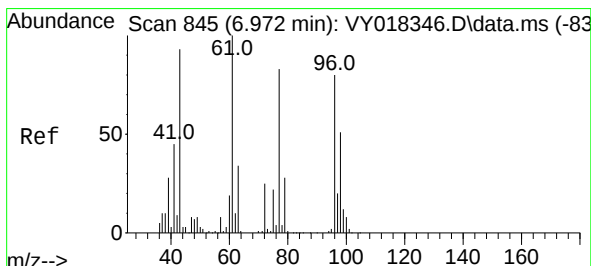
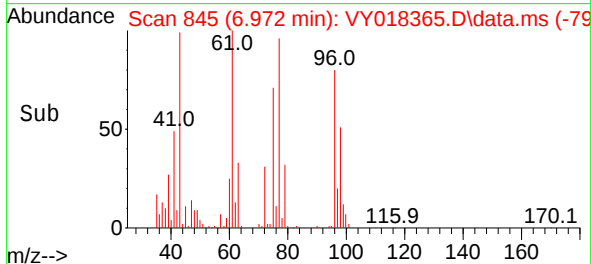
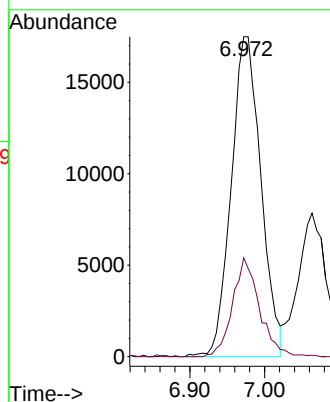
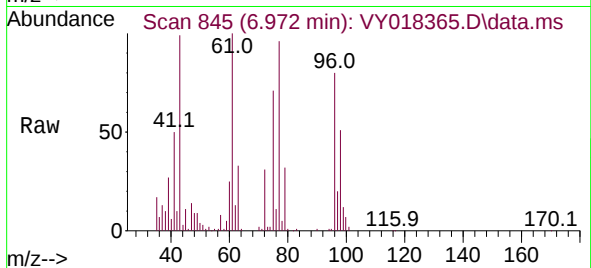
ClientSampleId :

Tgt Ion: 43 Resp: 48447

Ion Ratio Lower Upper

43 100

72 30.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 23.381 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018365.D

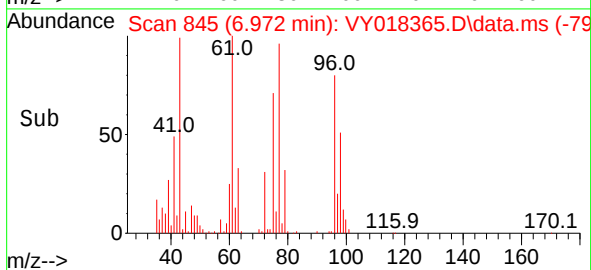
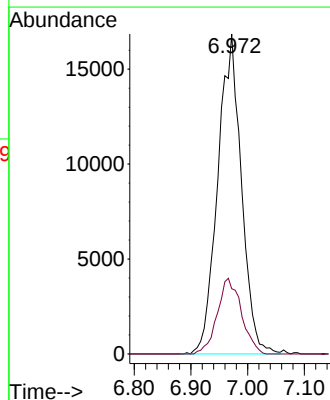
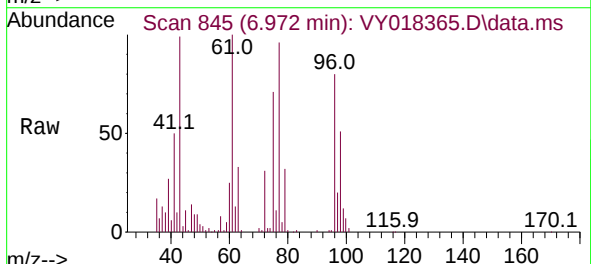
Acq: 24 May 2024 14:46

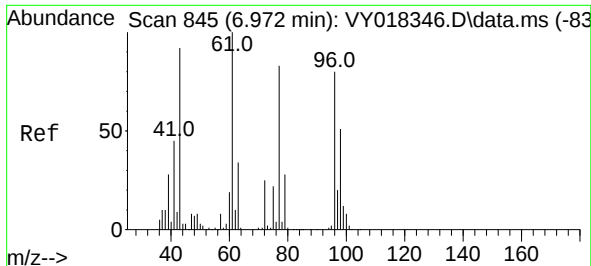
Tgt Ion: 77 Resp: 48774

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1

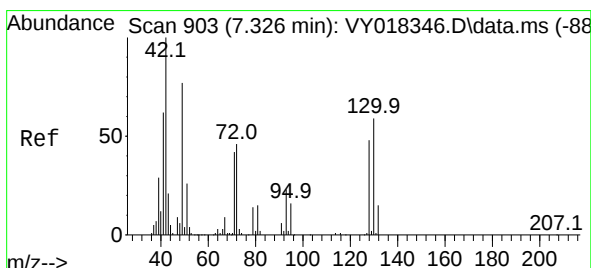
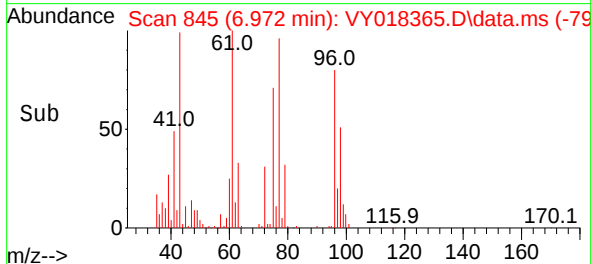
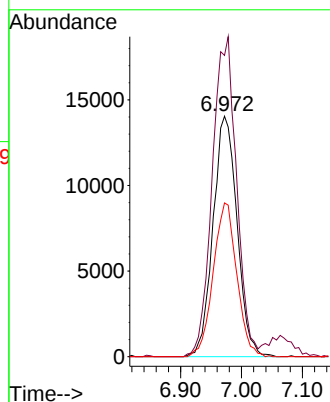
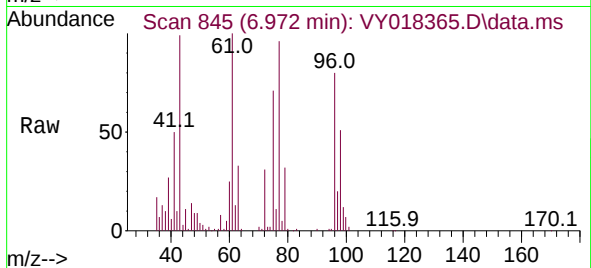




#27
 cis-1,2-Dichloroethene
 Concen: 22.884 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY018365.D
 Acq: 24 May 2024 14:46

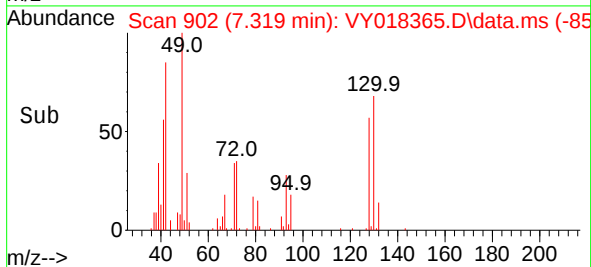
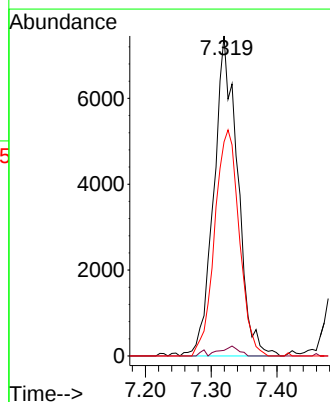
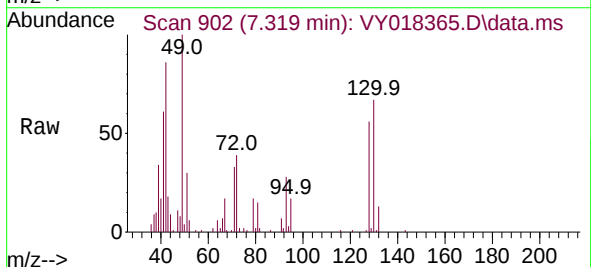
Instrument :
 MSVOA_Y
 ClientSampleId :

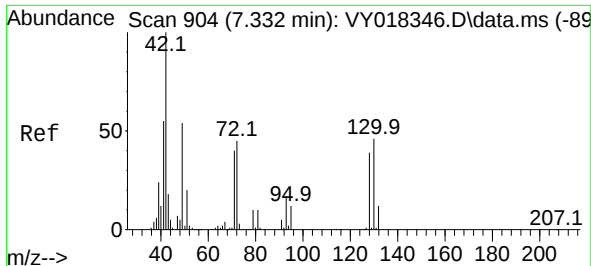
Tgt Ion: 96 Resp: 38460
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 256.2
 98 62.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 22.899 ug/l
 RT: 7.319 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY018365.D
 Acq: 24 May 2024 14:46

Tgt Ion: 49 Resp: 18768
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 72.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 121.333 ug/l

RT: 7.338 min Scan# 904

Delta R.T. 0.006 min

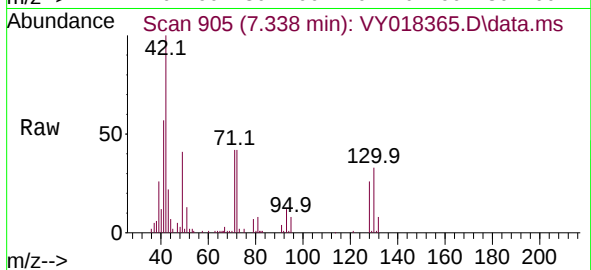
Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :



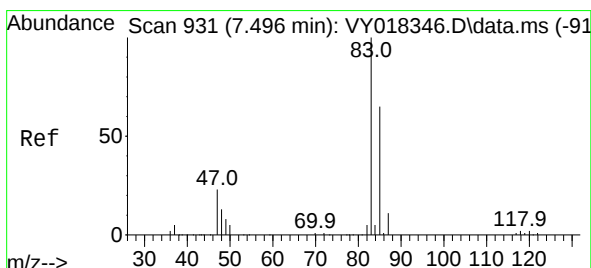
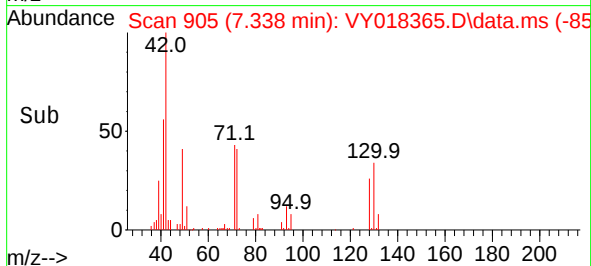
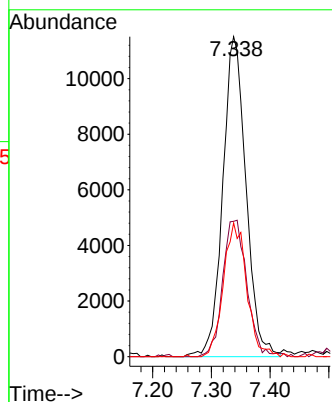
Tgt Ion: 42 Resp: 31600

Ion Ratio Lower Upper

42 100

72 44.1 43.0 64.4

71 41.9 40.8 61.2



#30

Chloroform

Concen: 23.783 ug/l

RT: 7.490 min Scan# 930

Delta R.T. -0.006 min

Lab File: VY018365.D

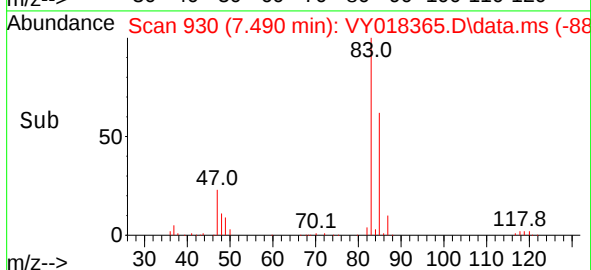
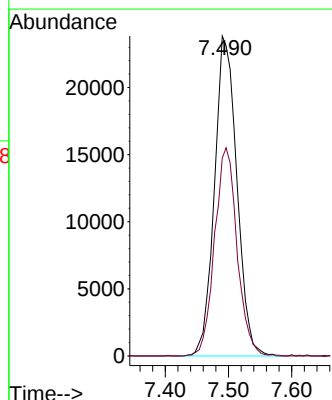
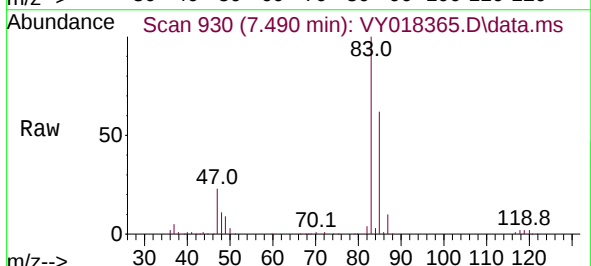
Acq: 24 May 2024 14:46

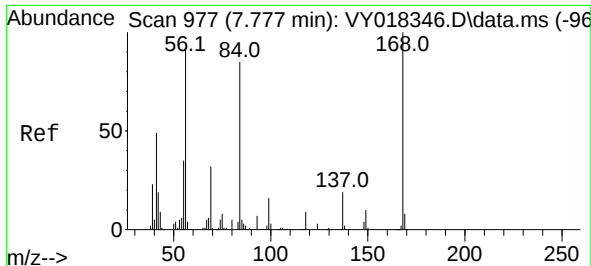
Tgt Ion: 83 Resp: 58498

Ion Ratio Lower Upper

83 100

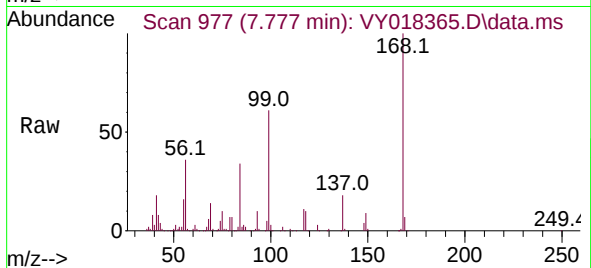
85 61.8 52.2 78.4



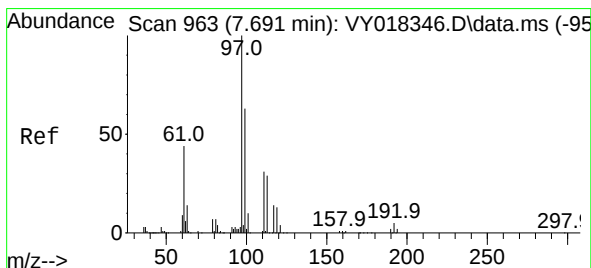
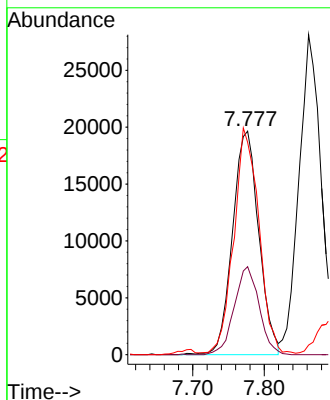
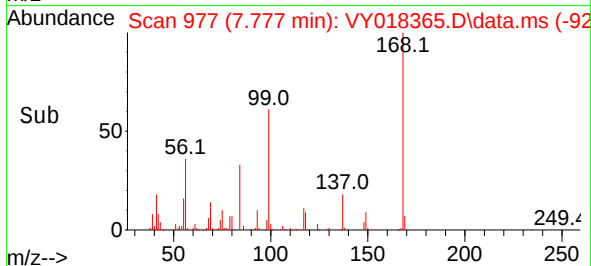


#31
Cyclohexane
Concen: 22.015 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

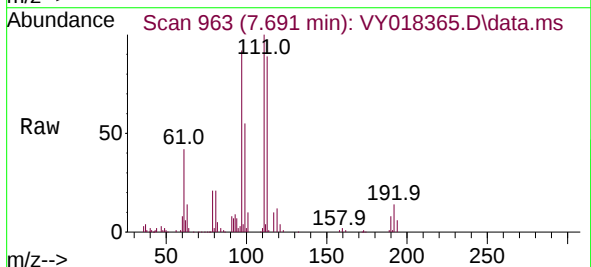
Instrument :
MSVOA_Y
ClientSampleId :



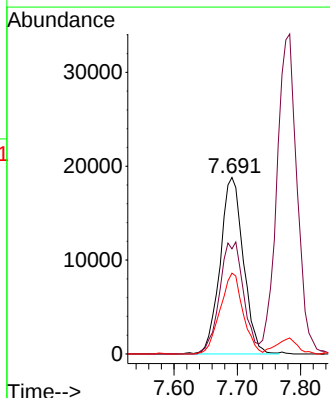
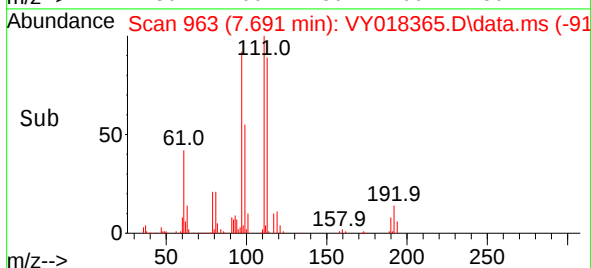
Tgt Ion: 56 Resp: 50068
Ion Ratio Lower Upper
56 100
69 39.4 28.7 43.1
84 93.5 77.7 116.5

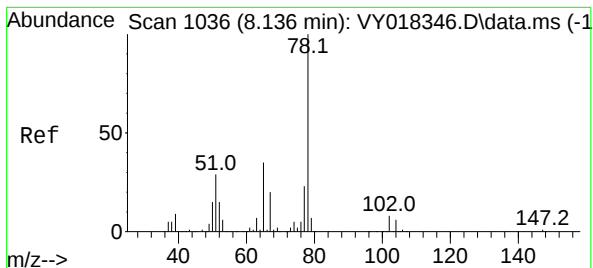


#32
1,1,1-Trichloroethane
Concen: 22.151 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46



Tgt Ion: 97 Resp: 47823
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 45.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.863 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

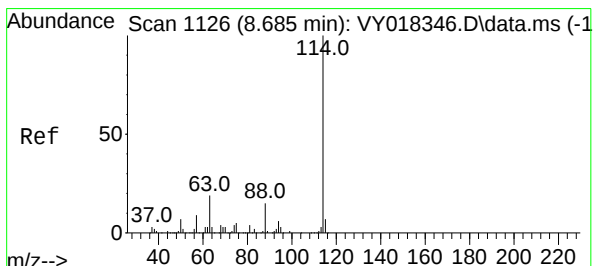
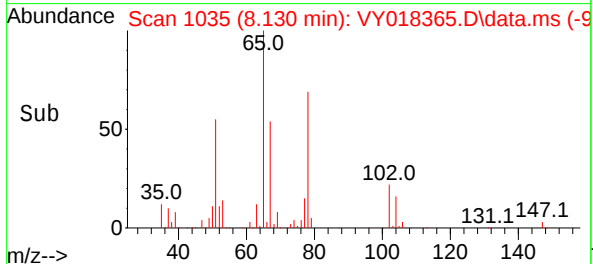
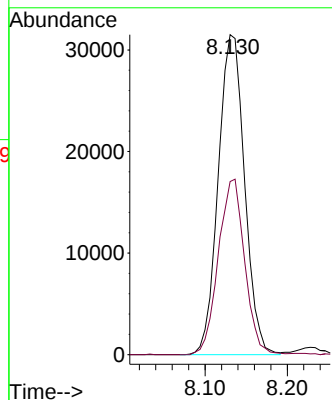
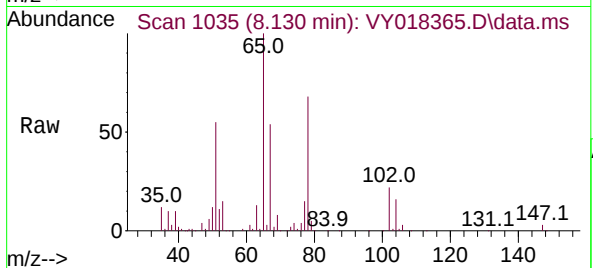
ClientSampleId :

Tgt Ion: 65 Resp: 70245

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

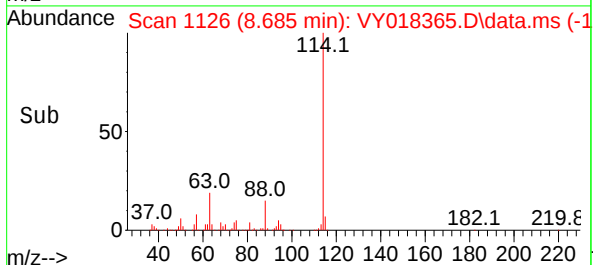
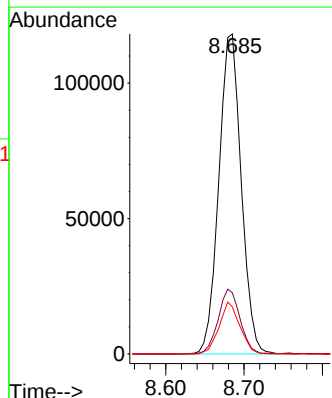
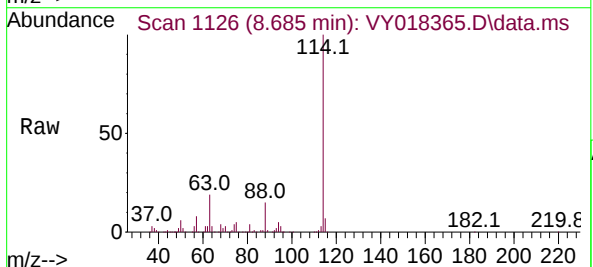
Tgt Ion:114 Resp: 234962

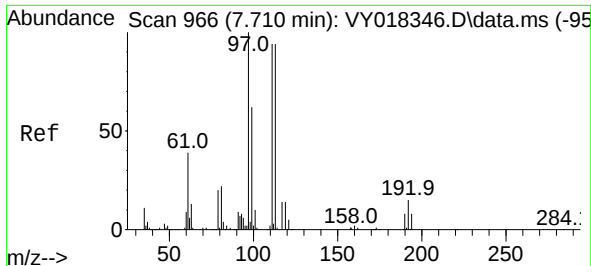
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.292 ug/l

RT: 7.704 min Scan# 90

Delta R.T. -0.006 min

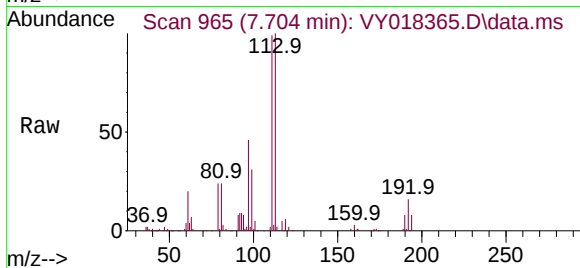
Lab File: VY018365.D

Acq: 24 May 2024 14:46

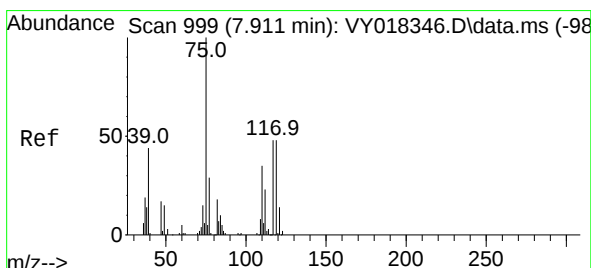
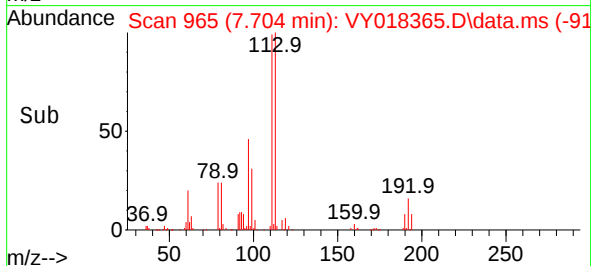
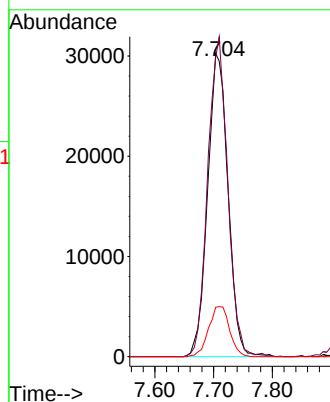
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	73020
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	16.9	15.9	23.9



#36

1,1-Dichloropropene

Concen: 21.134 ug/l

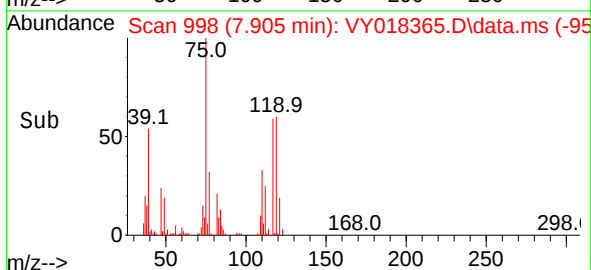
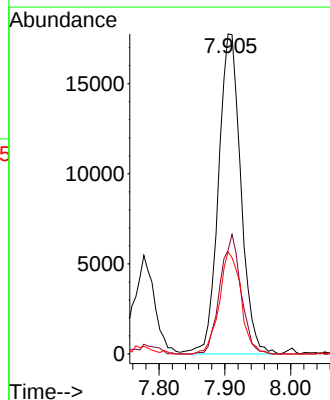
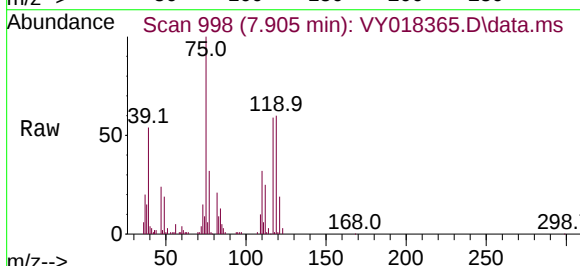
RT: 7.905 min Scan# 998

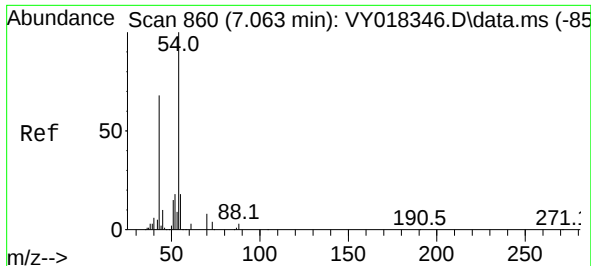
Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion:	75	Resp:	41995
Ion	Ratio	Lower	Upper
75	100		
110	35.1	19.0	57.0
77	31.1	25.3	37.9





#37

Ethyl Acetate

Concen: 21.184 ug/l

RT: 7.063 min Scan# 80

Delta R.T. 0.000 min

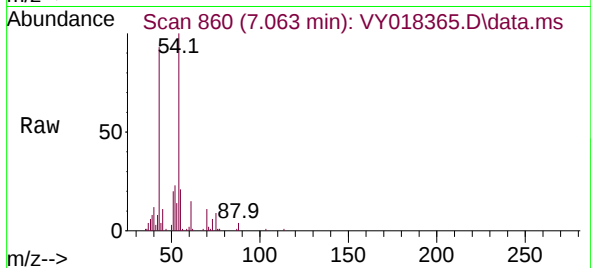
Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :



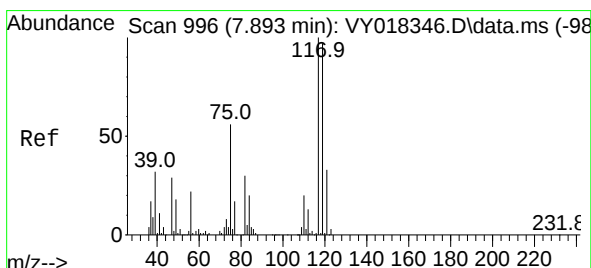
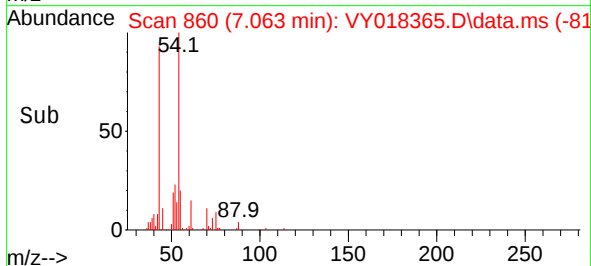
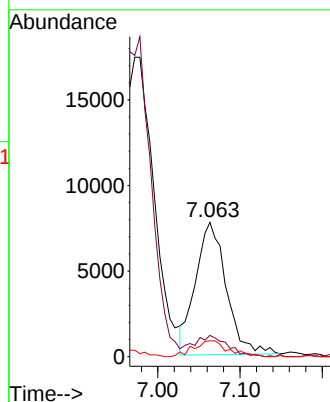
Tgt Ion: 43 Resp: 20137

Ion Ratio Lower Upper

43 100

61 16.8 12.6 19.0

70 13.5 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 19.919 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

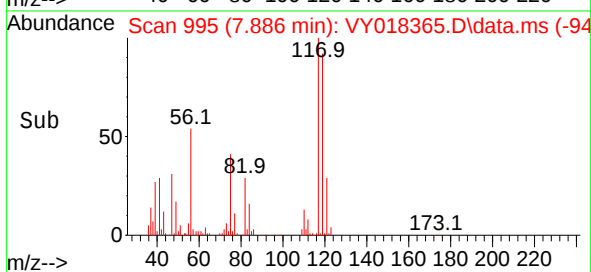
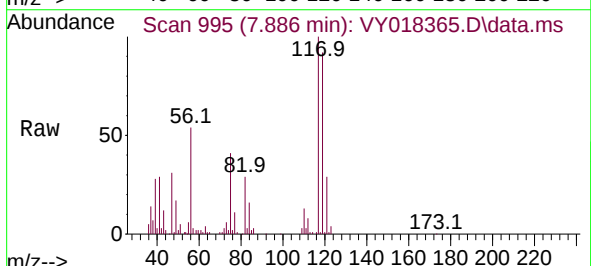
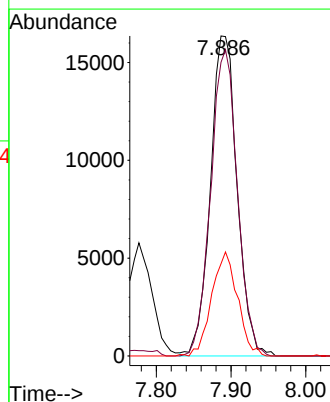
Tgt Ion: 117 Resp: 40539

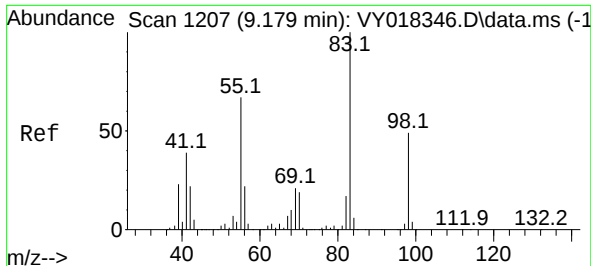
Ion Ratio Lower Upper

117 100

119 91.7 75.8 113.6

121 28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 19.968 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

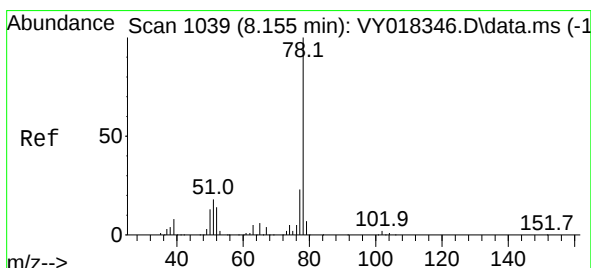
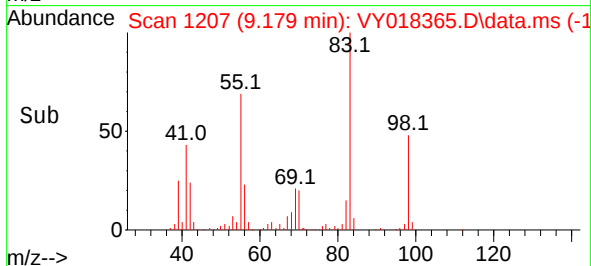
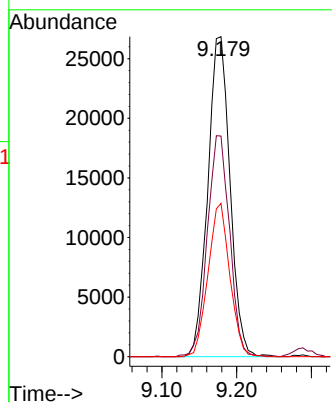
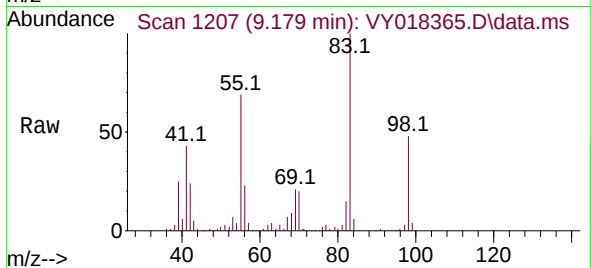
Tgt Ion: 83 Resp: 55350

Ion Ratio Lower Upper

83 100

55 69.0 51.5 77.3

98 47.9 40.5 60.7



#40

Benzene

Concen: 21.649 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018365.D

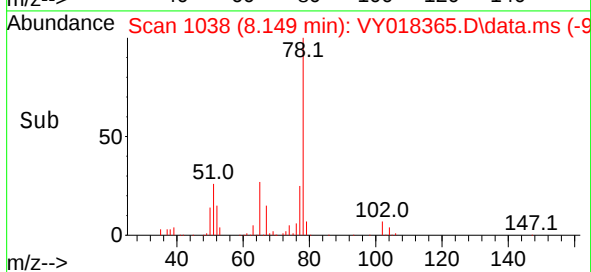
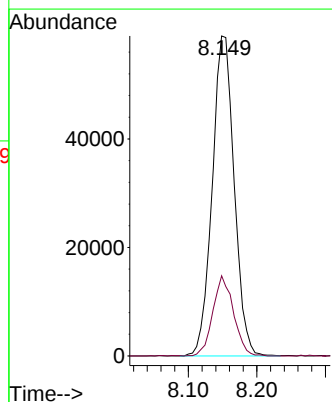
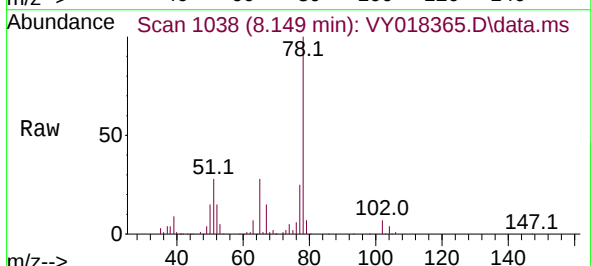
Acq: 24 May 2024 14:46

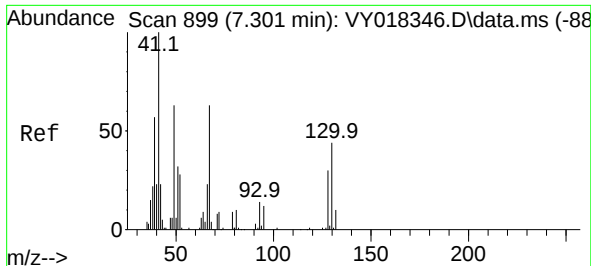
Tgt Ion: 78 Resp: 131139

Ion Ratio Lower Upper

78 100

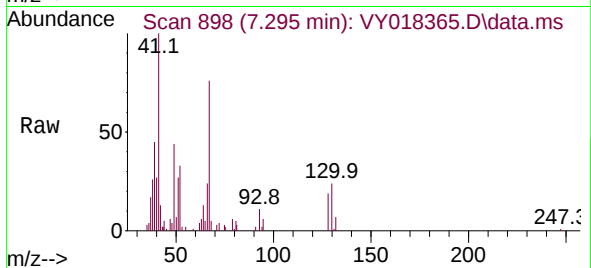
77 25.0 19.5 29.3



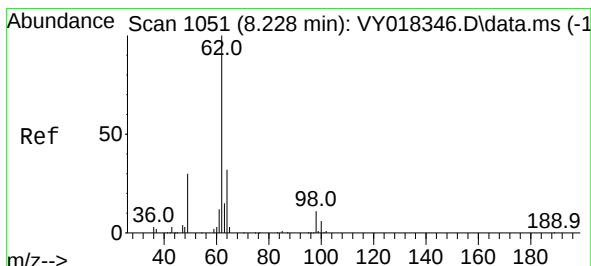
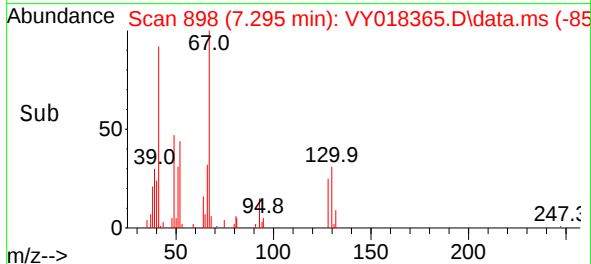
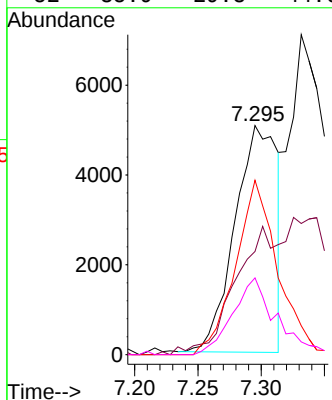


#41
Methacrylonitrile
Concen: 24.768 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Instrument :
MSVOA_Y
ClientSampleId :

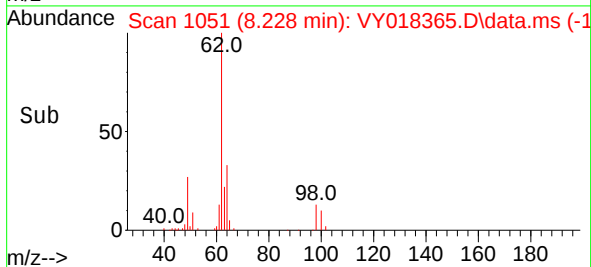
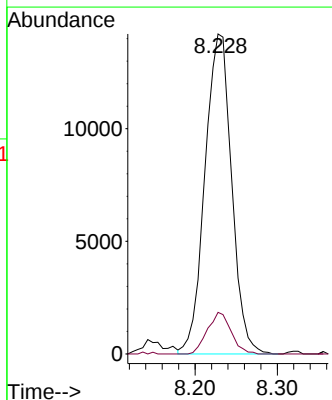
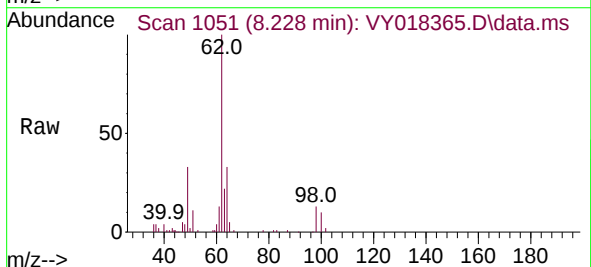


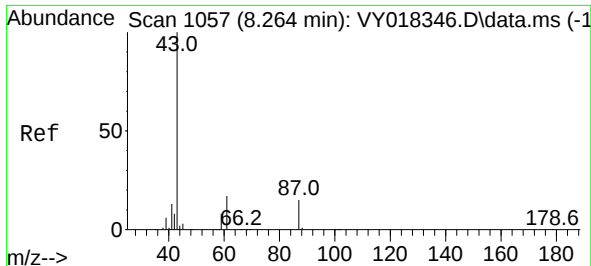
Tgt Ion:	41	Resp:	11752
Ion	Ratio	Lower	Upper
41	100		
39	48.7	48.0	72.0
67	76.5	75.1	112.7
52	35.9	29.8	44.6



#42
1,2-Dichloroethane
Concen: 22.002 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Tgt Ion:	62	Resp:	32059
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 21.655 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

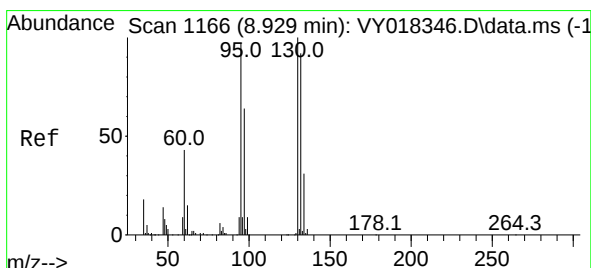
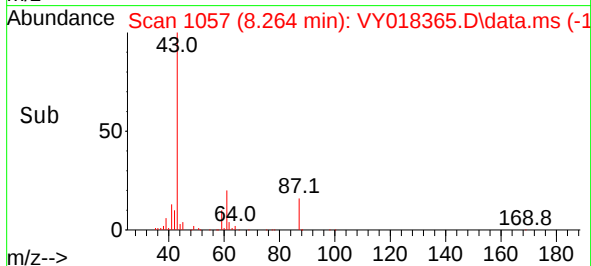
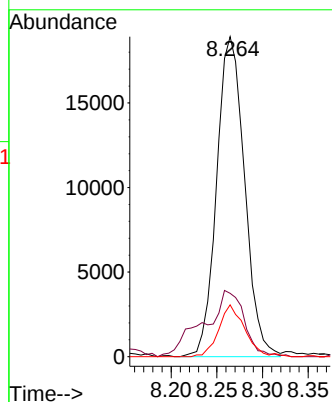
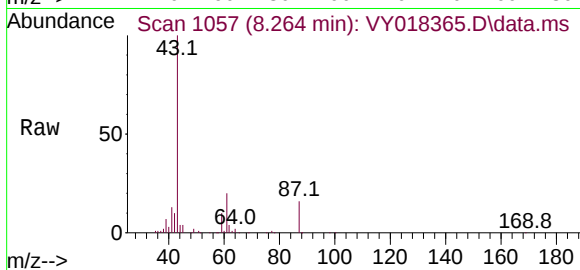
Tgt Ion: 43 Resp: 40163

Ion Ratio Lower Upper

43 100

61 30.1 27.9 41.9

87 15.2 13.1 19.7



#44

Trichloroethene

Concen: 20.293 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY018365.D

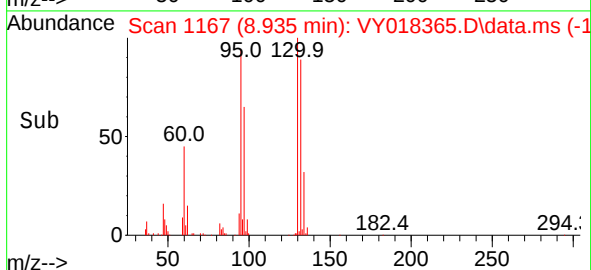
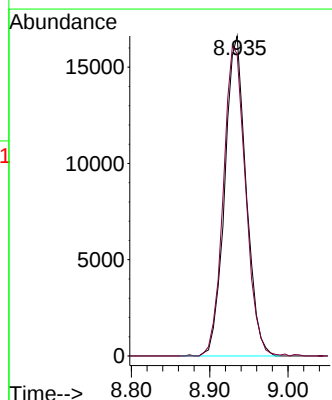
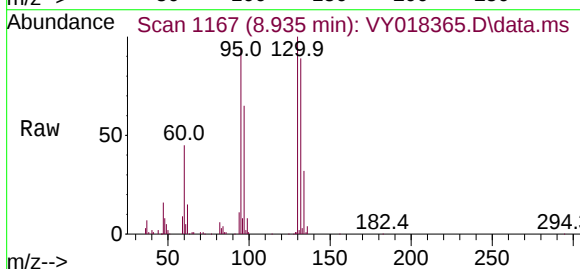
Acq: 24 May 2024 14:46

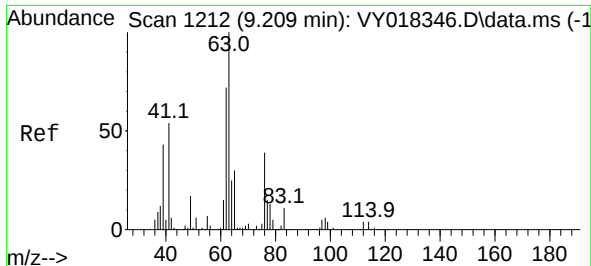
Tgt Ion:130 Resp: 31509

Ion Ratio Lower Upper

130 100

95 94.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.651 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

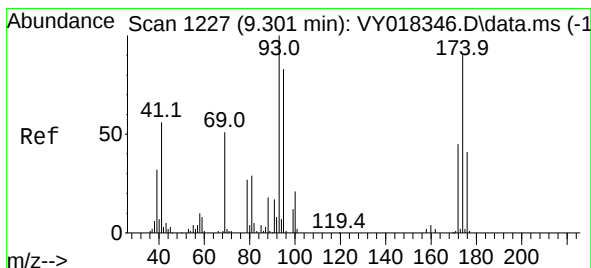
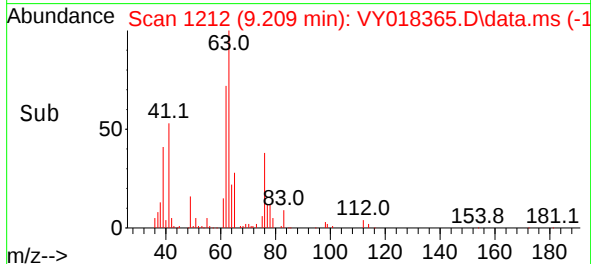
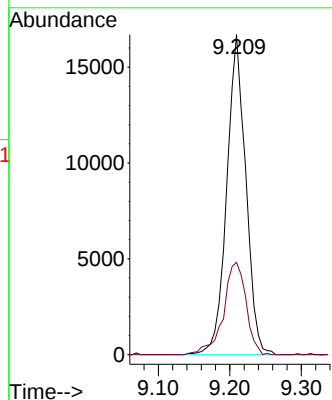
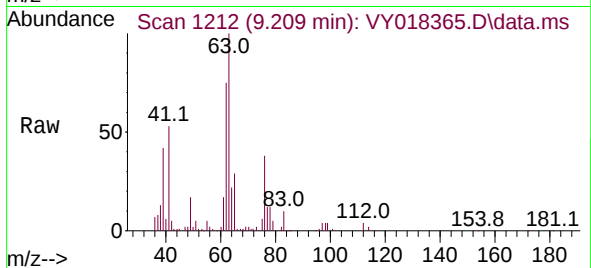
ClientSampleId :

Tgt Ion: 63 Resp: 30859

Ion Ratio Lower Upper

63 100

65 28.8 25.4 38.2



#46

Dibromomethane

Concen: 21.205 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

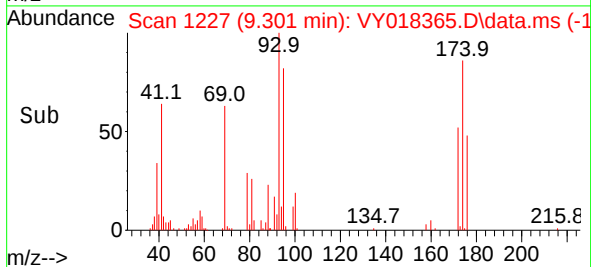
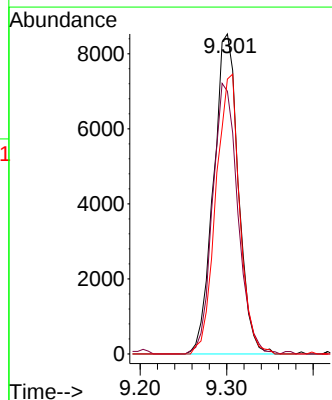
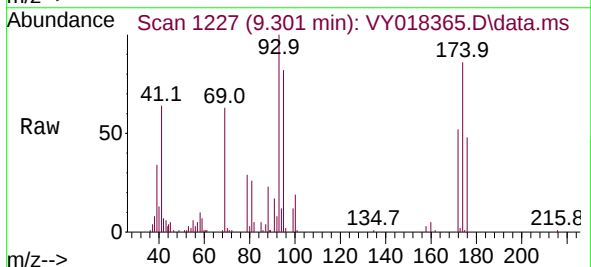
Tgt Ion: 93 Resp: 16952

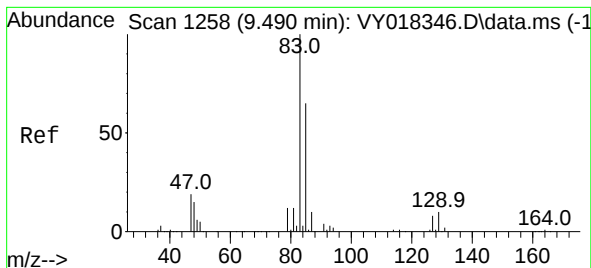
Ion Ratio Lower Upper

93 100

95 85.9 66.2 99.4

174 84.1 80.9 121.3





#47

Bromodichloromethane

Concen: 21.845 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

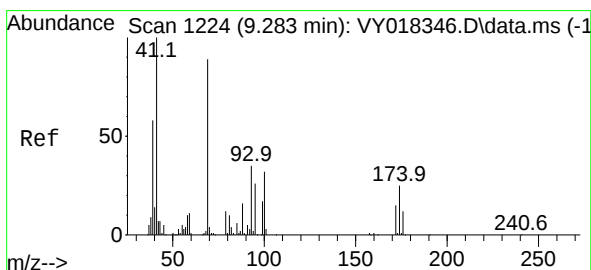
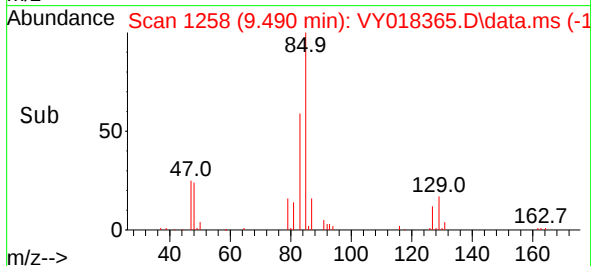
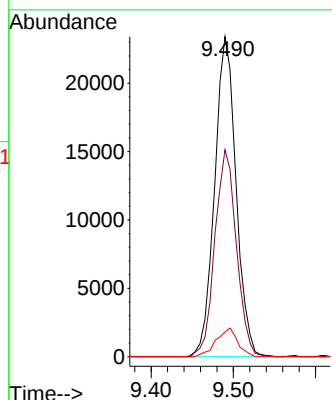
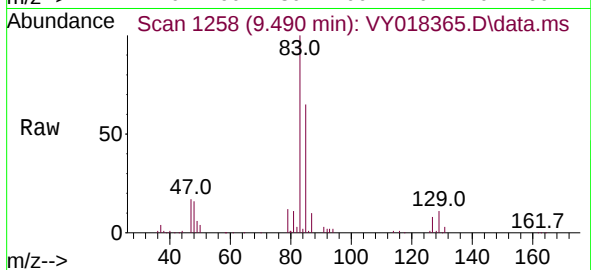
Tgt Ion: 83 Resp: 42383

Ion Ratio Lower Upper

83 100

85 64.7 50.1 75.1

127 7.7 7.4 11.0



#48

Methyl methacrylate

Concen: 21.574 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

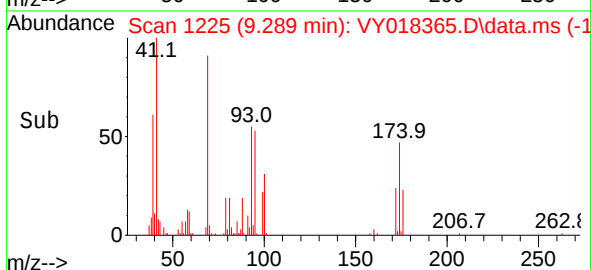
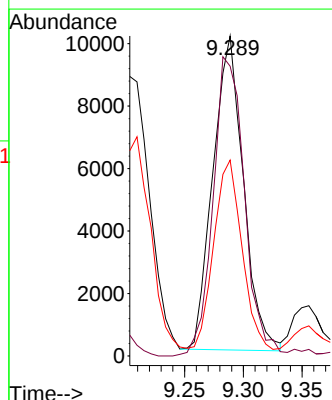
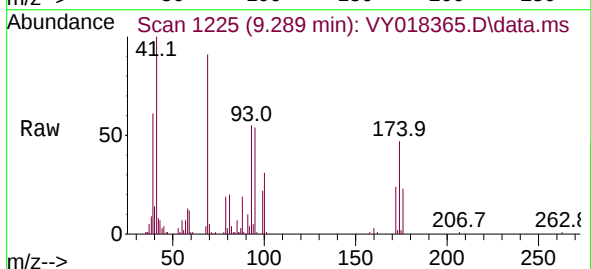
Tgt Ion: 41 Resp: 18099

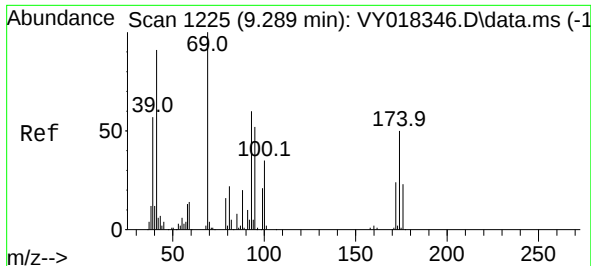
Ion Ratio Lower Upper

41 100

69 98.3 84.1 126.1

39 56.6 43.6 65.4





#49

1,4-Dioxane

Concen: 446.190 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

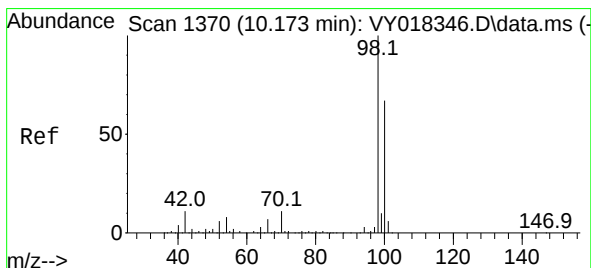
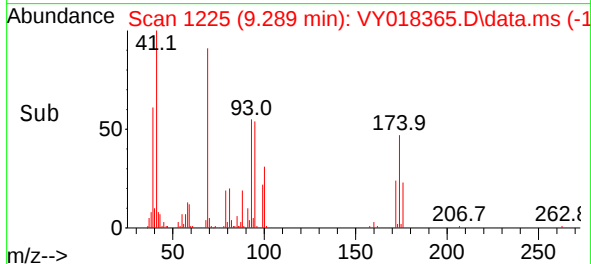
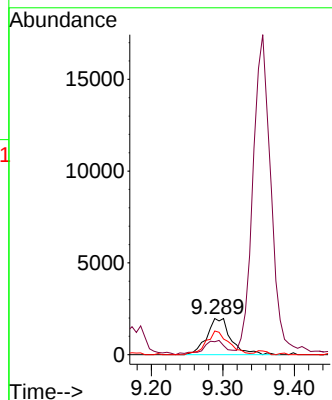
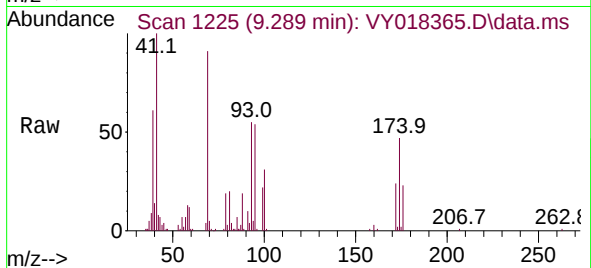
Tgt Ion: 88 Resp: 4628

Ion Ratio Lower Upper

88 100

43 36.0 0.0 0.0#

58 60.7 49.3 73.9



#50

Toluene-d8

Concen: 55.371 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018365.D

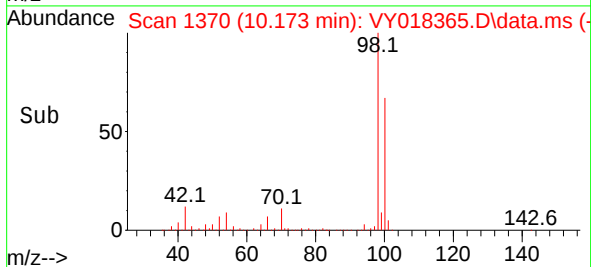
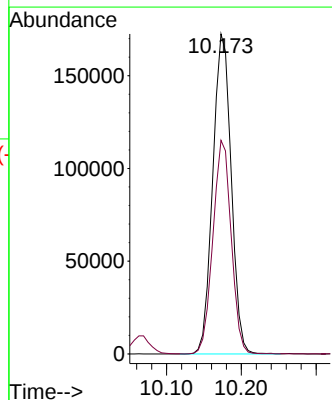
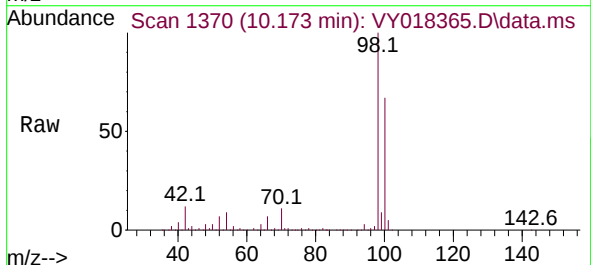
Acq: 24 May 2024 14:46

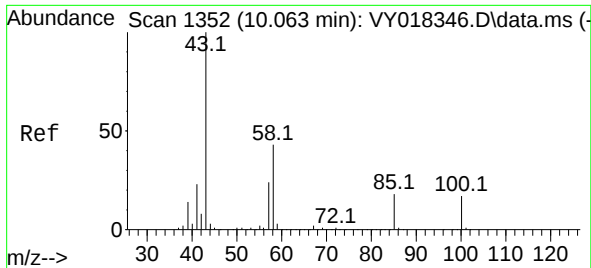
Tgt Ion: 98 Resp: 295796

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 113.055 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

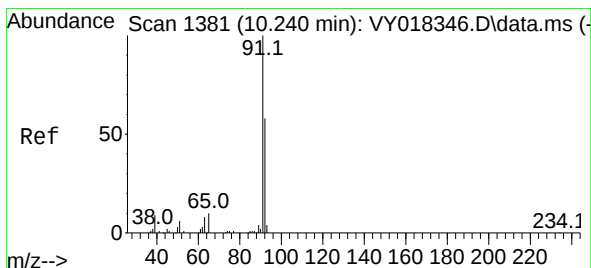
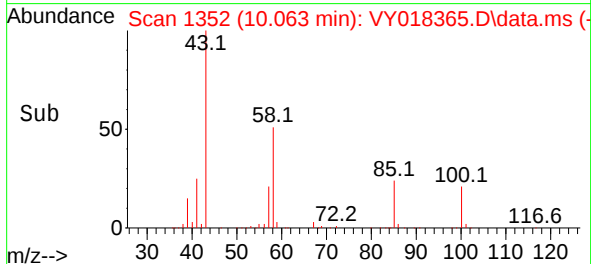
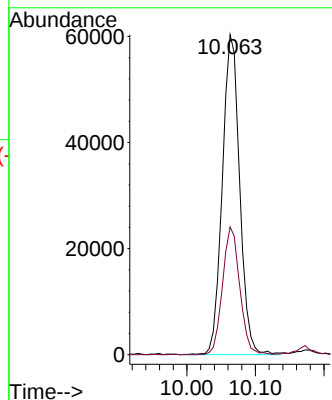
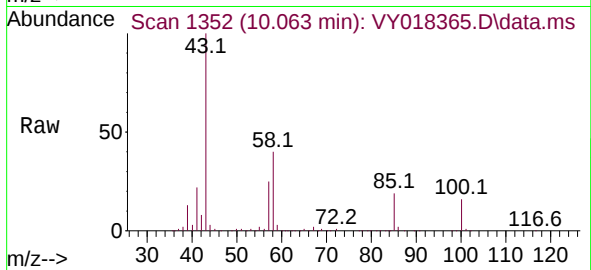
ClientSampleId :

Tgt Ion: 43 Resp: 105822

Ion Ratio Lower Upper

43 100

58 39.6 35.7 53.5



#52

Toluene

Concen: 21.531 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018365.D

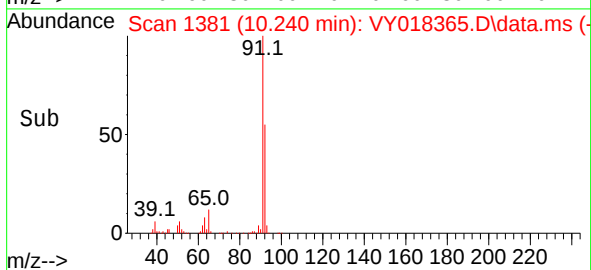
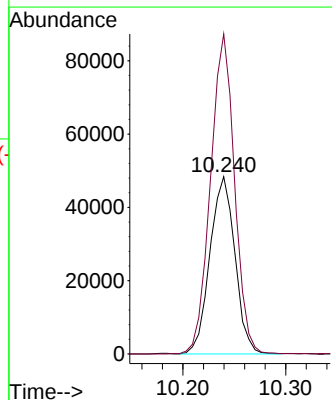
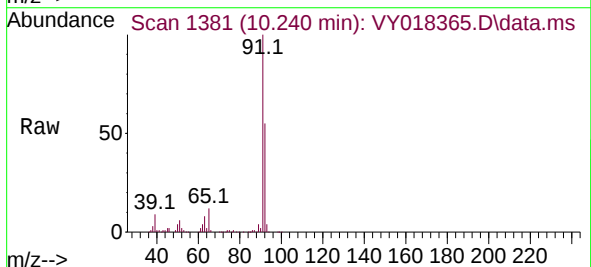
Acq: 24 May 2024 14:46

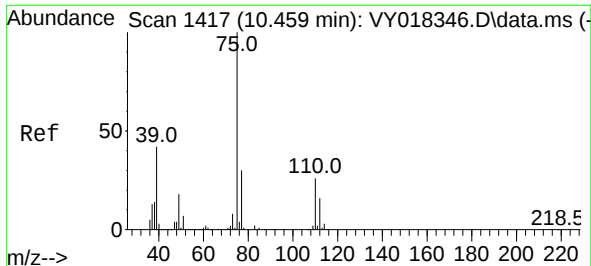
Tgt Ion: 92 Resp: 81757

Ion Ratio Lower Upper

92 100

91 173.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 22.690 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

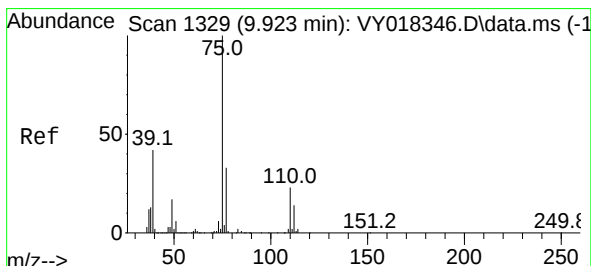
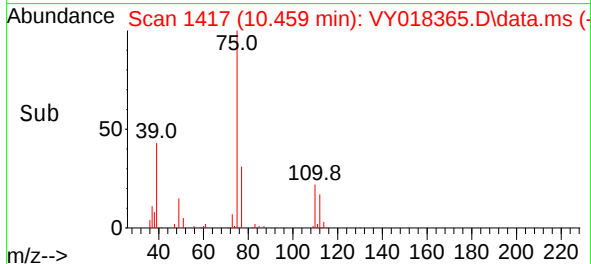
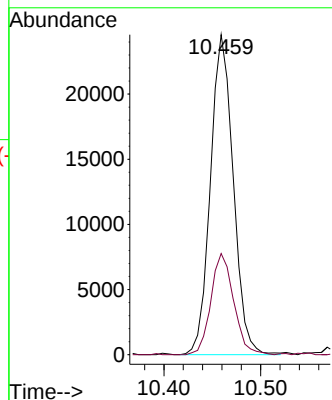
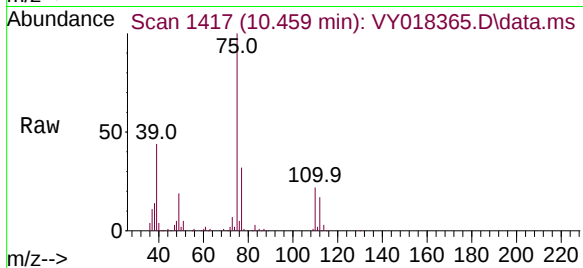
ClientSampleId :

Tgt Ion: 75 Resp: 40247

Ion Ratio Lower Upper

75 100

77 31.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 21.982 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

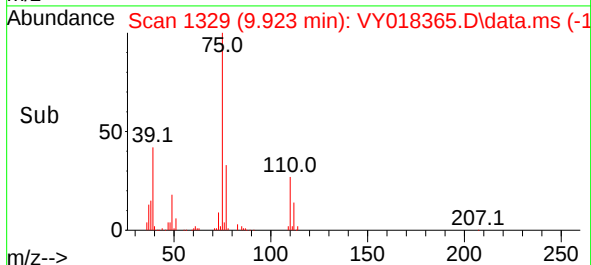
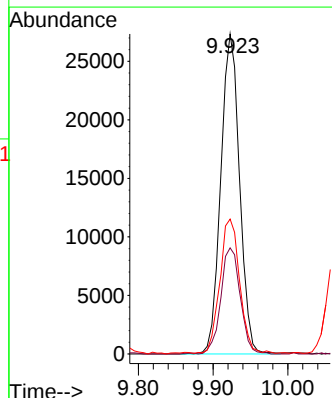
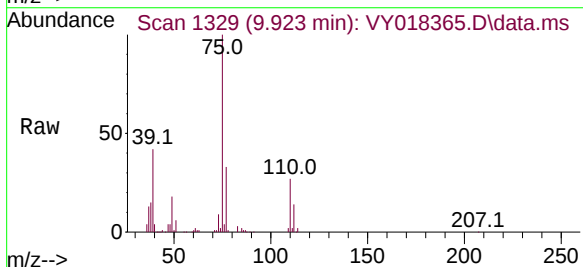
Tgt Ion: 75 Resp: 47778

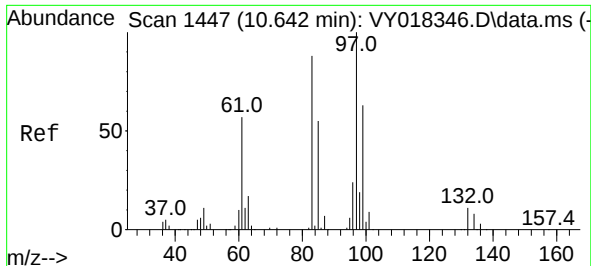
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

39 41.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 22.022 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 23324

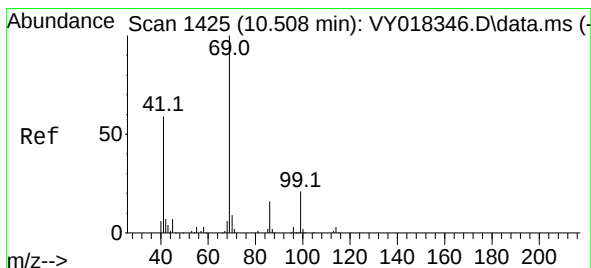
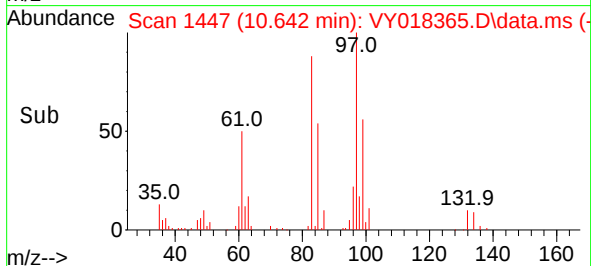
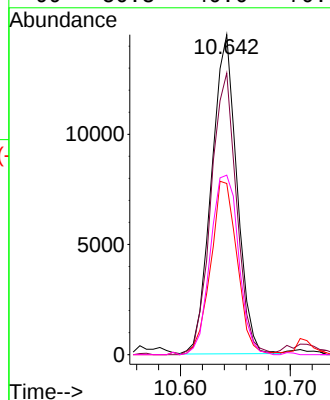
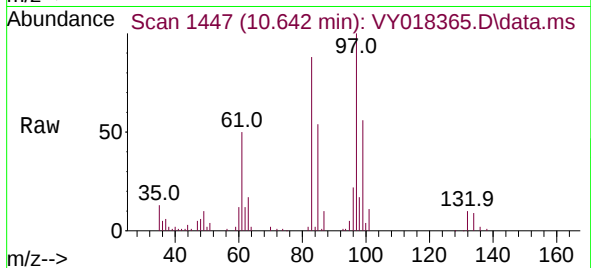
Ion Ratio Lower Upper

97 100

83 88.3 67.5 101.3

85 53.7 42.9 64.3

99 56.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 23.358 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

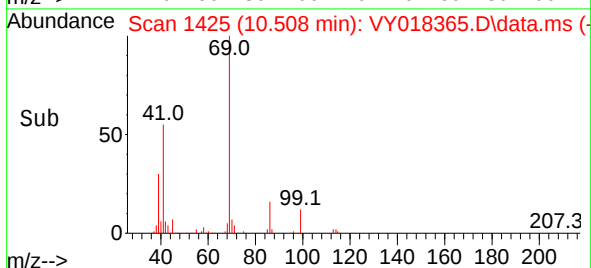
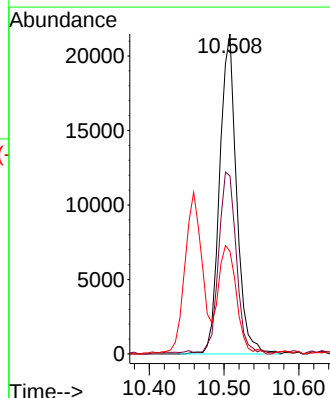
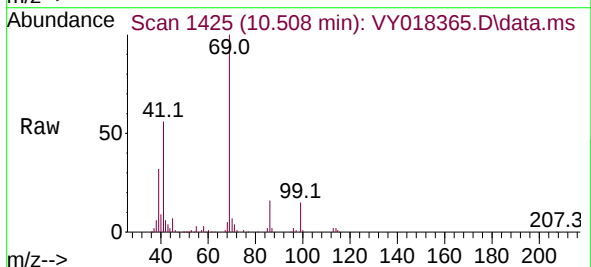
Tgt Ion: 69 Resp: 33933

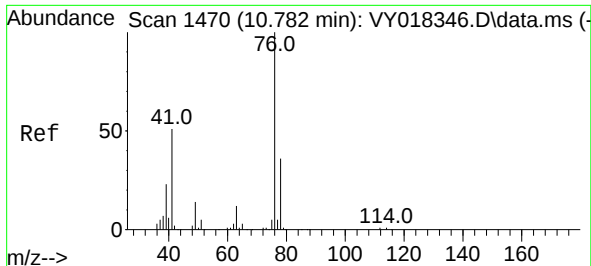
Ion Ratio Lower Upper

69 100

41 58.8 42.3 63.5

39 35.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.937 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

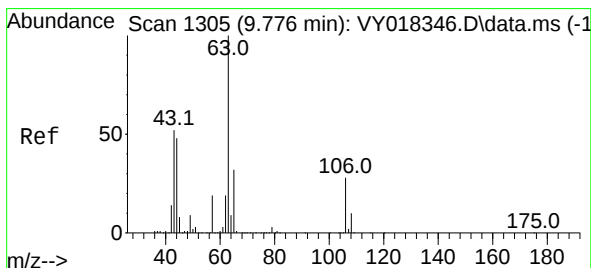
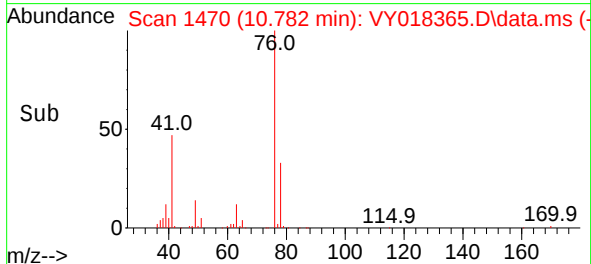
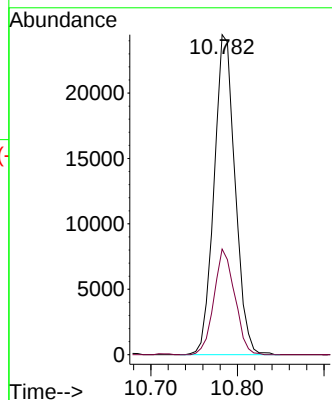
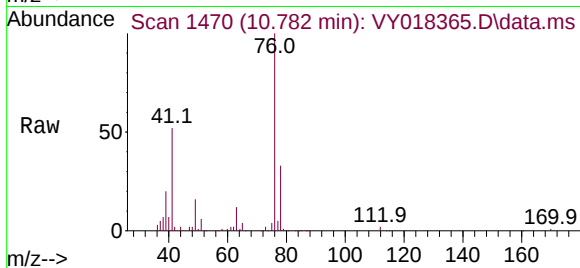
ClientSampleId :

Tgt Ion: 76 Resp: 41174

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.194 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018365.D

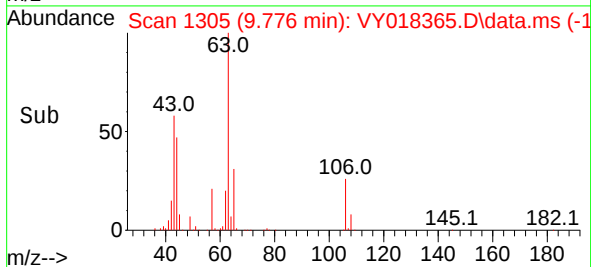
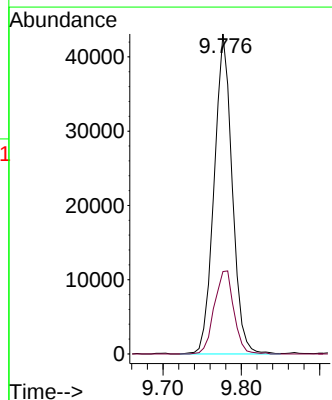
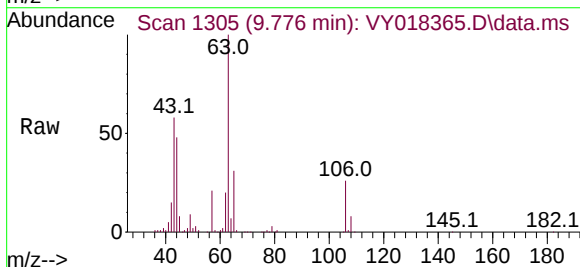
Acq: 24 May 2024 14:46

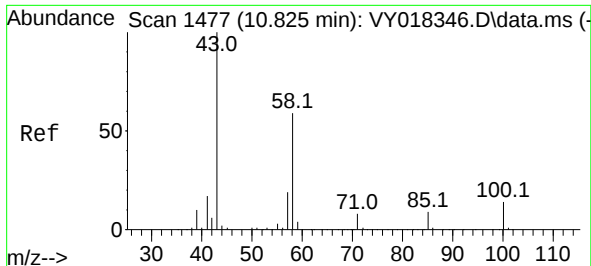
Tgt Ion: 63 Resp: 69052

Ion Ratio Lower Upper

63 100

106 28.1 23.7 35.5





#59

2-Hexanone

Concen: 117.431 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

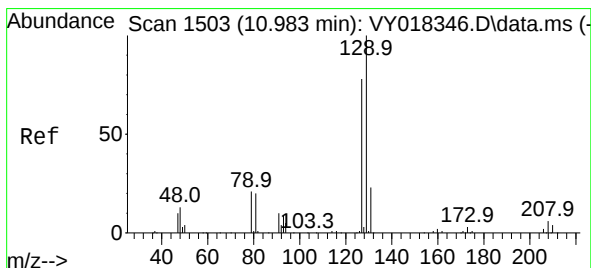
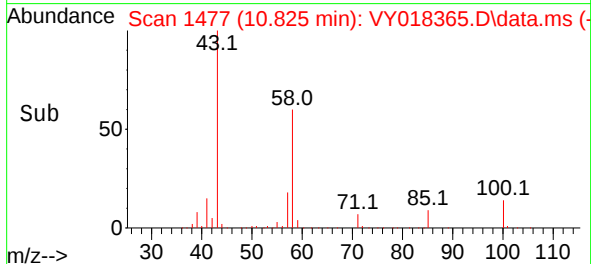
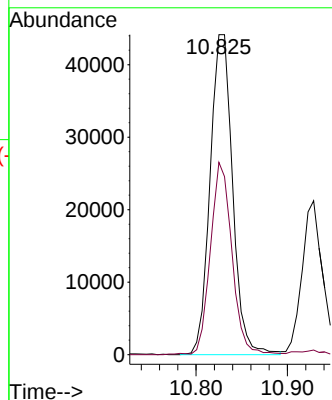
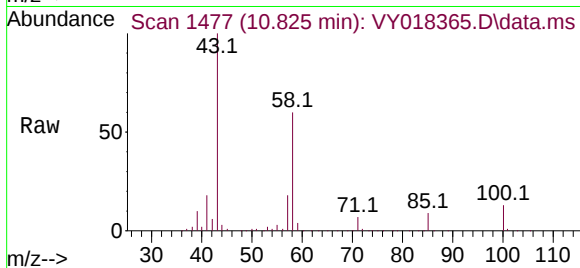
ClientSampleId :

Tgt Ion: 43 Resp: 75634

Ion Ratio Lower Upper

43 100

58 57.5 31.4 94.0



#60

Dibromochloromethane

Concen: 21.646 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.006 min

Lab File: VY018365.D

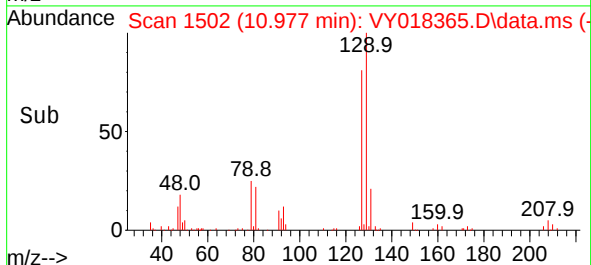
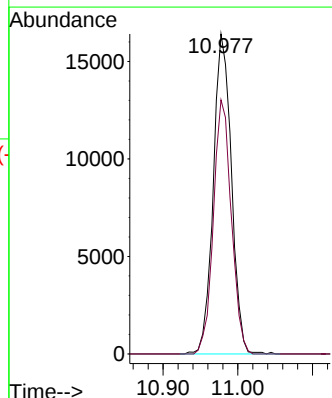
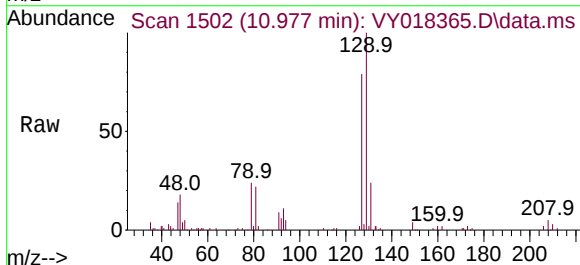
Acq: 24 May 2024 14:46

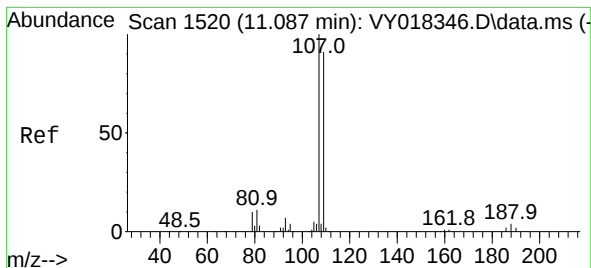
Tgt Ion: 129 Resp: 27691

Ion Ratio Lower Upper

129 100

127 78.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.471 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

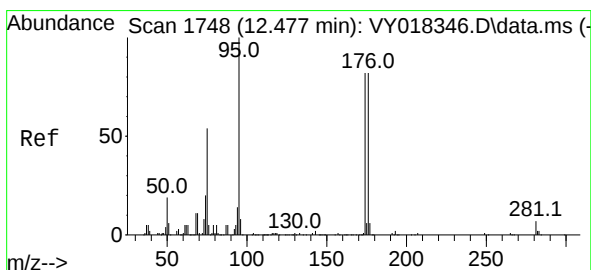
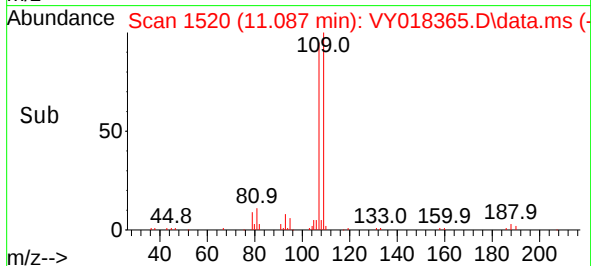
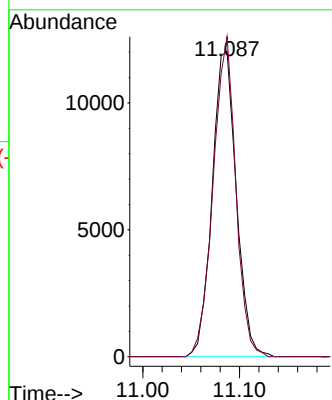
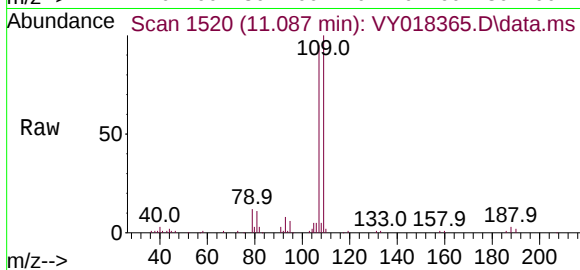
ClientSampleId :

Tgt Ion:107 Resp: 20982

Ion Ratio Lower Upper

107 100

109 97.6 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 56.180 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

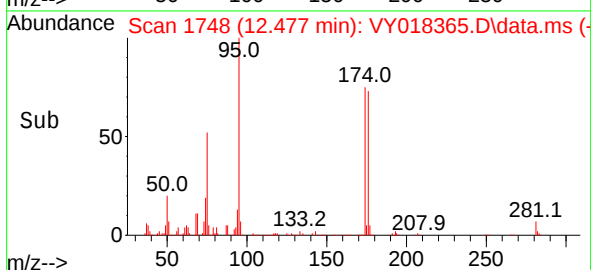
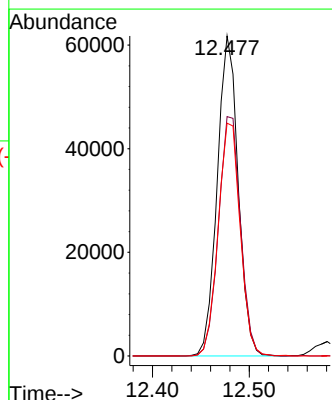
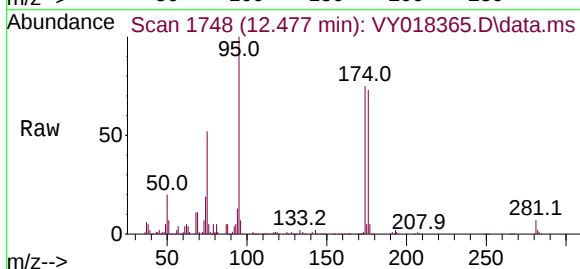
Tgt Ion: 95 Resp: 92734

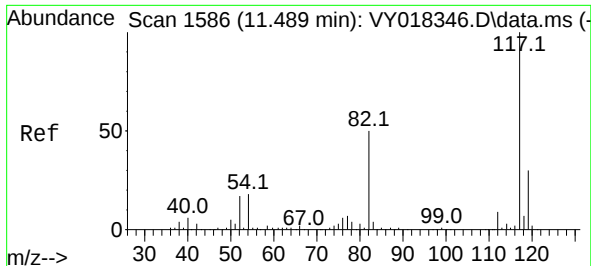
Ion Ratio Lower Upper

95 100

174 78.6 0.0 175.6

176 76.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

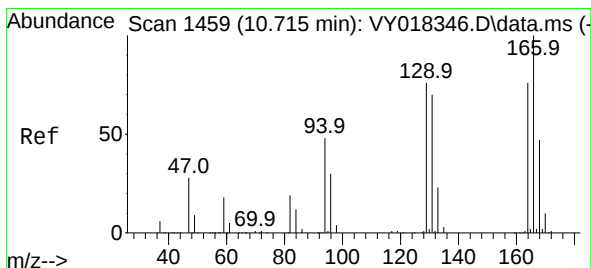
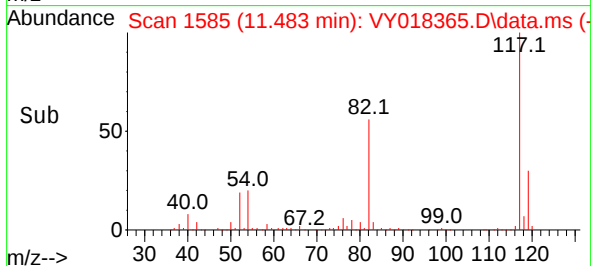
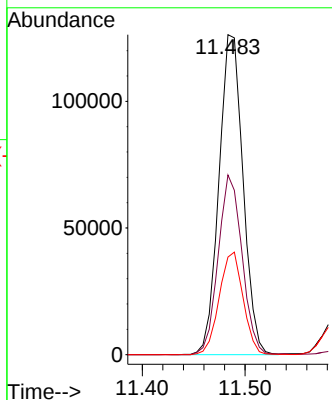
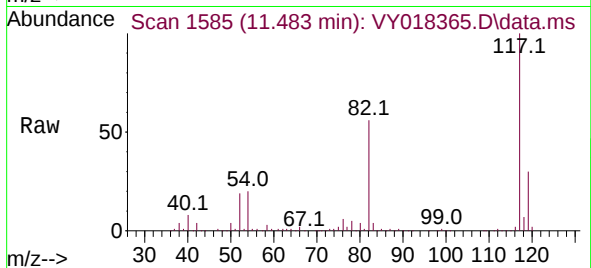
Tgt Ion:117 Resp: 205628

Ion Ratio Lower Upper

117 100

82 56.1 42.4 63.6

119 30.5 25.9 38.9



#64

Tetrachloroethene

Concen: 19.087 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion:164 Resp: 27841

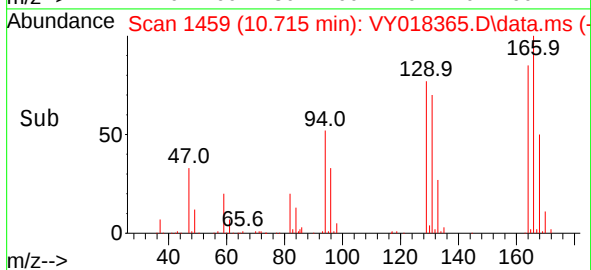
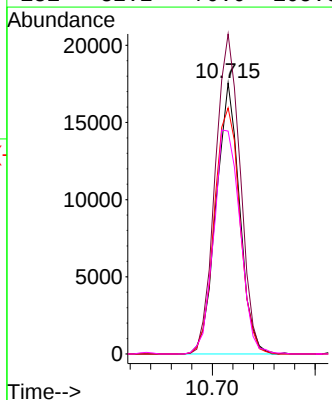
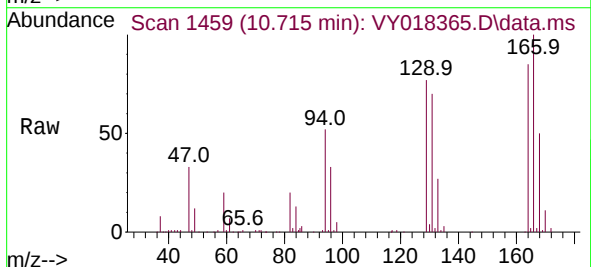
Ion Ratio Lower Upper

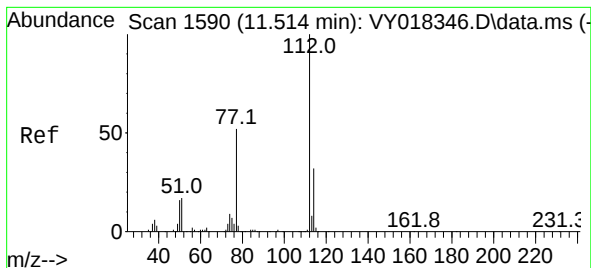
164 100

166 118.0 102.6 154.0

129 90.8 72.0 108.0

131 82.2 70.0 105.0





#65

Chlorobenzene

Concen: 20.647 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

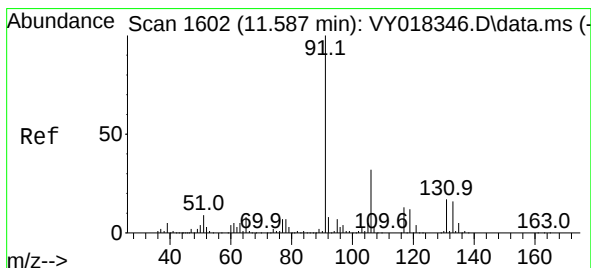
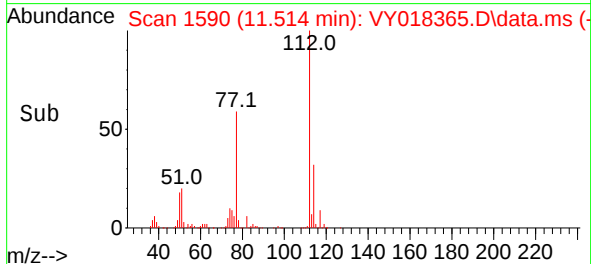
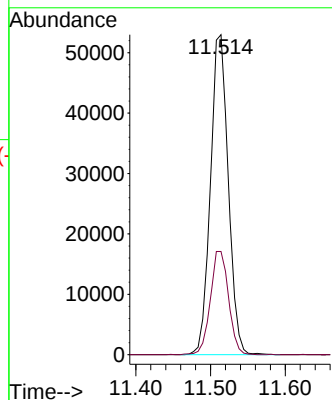
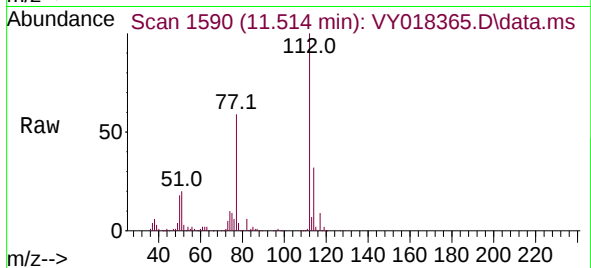
ClientSampleId :

Tgt Ion:112 Resp: 87701

Ion Ratio Lower Upper

112 100

114 32.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.698 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

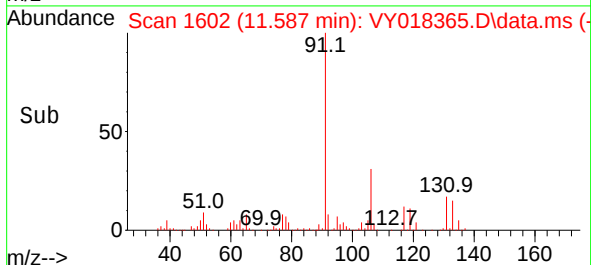
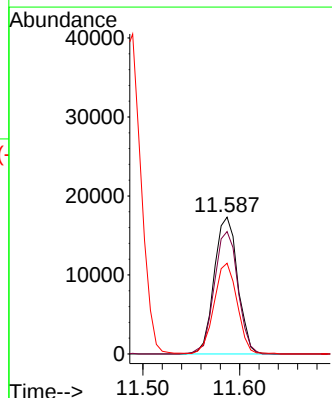
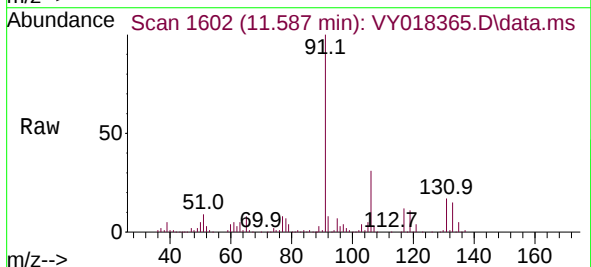
Tgt Ion:131 Resp: 29157

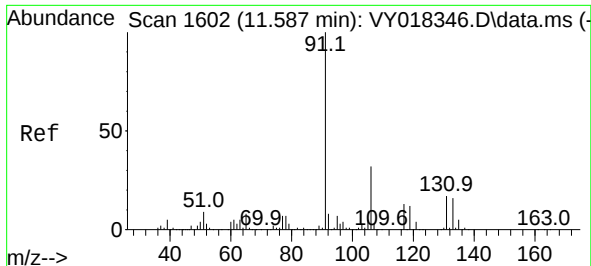
Ion Ratio Lower Upper

131 100

133 89.9 47.8 143.3

119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 21.299 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

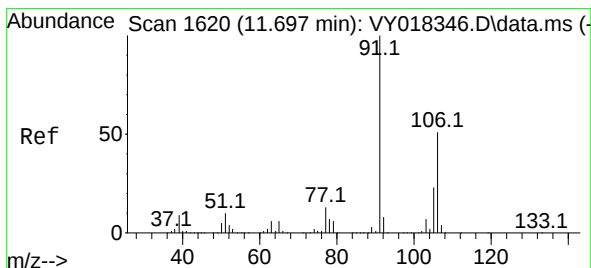
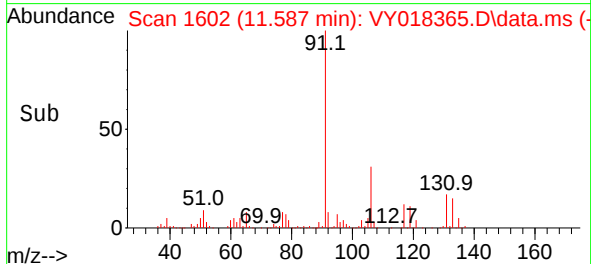
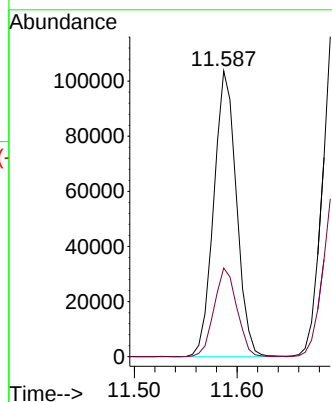
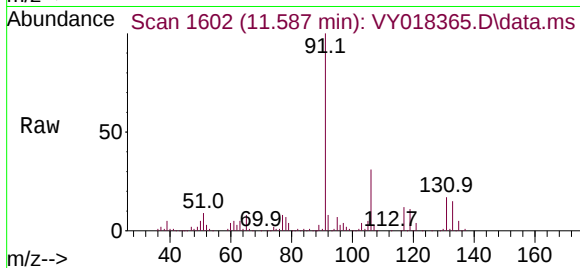
ClientSampleId :

Tgt Ion: 91 Resp: 158887

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 42.481 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018365.D

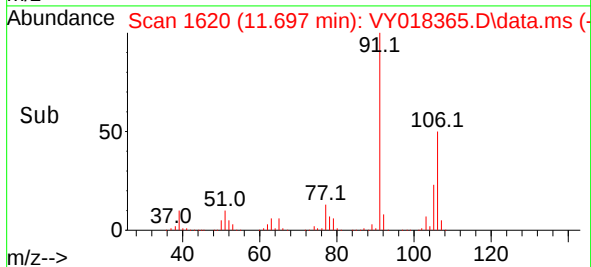
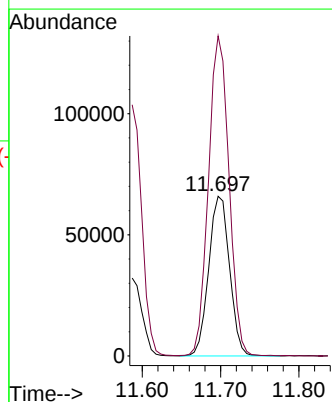
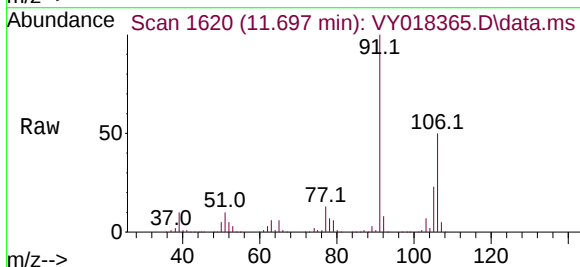
Acq: 24 May 2024 14:46

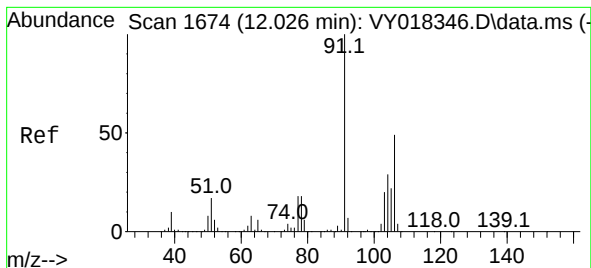
Tgt Ion:106 Resp: 121930

Ion Ratio Lower Upper

106 100

91 197.0 156.0 234.0





#69

o-Xylene

Concen: 21.283 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

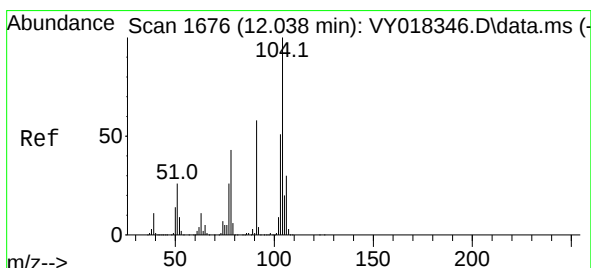
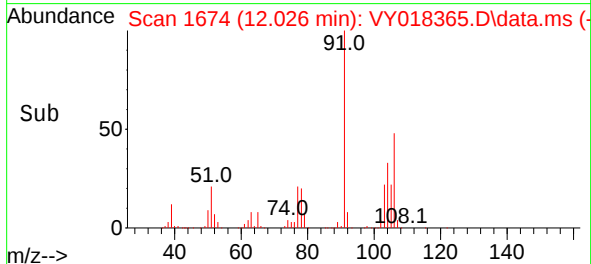
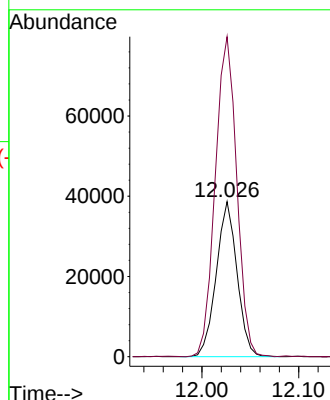
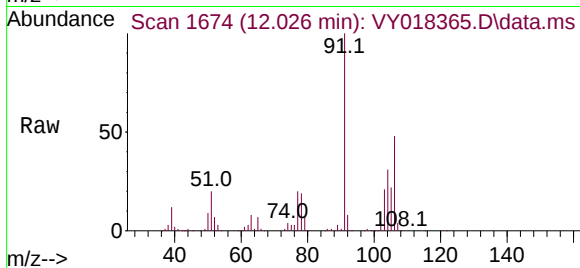
ClientSampleId :

Tgt Ion:106 Resp: 57649

Ion Ratio Lower Upper

106 100

91 213.4 103.6 310.8



#70

Styrene

Concen: 22.036 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

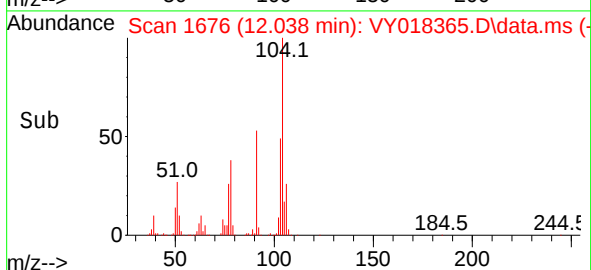
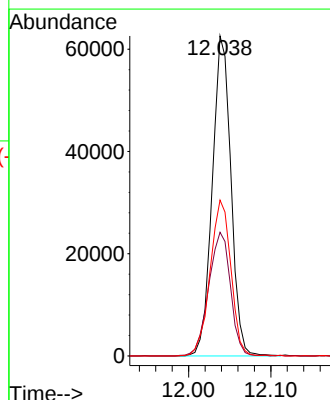
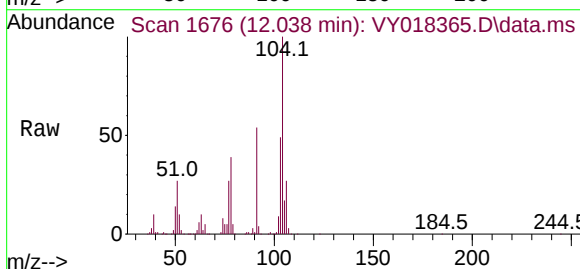
Tgt Ion:104 Resp: 98667

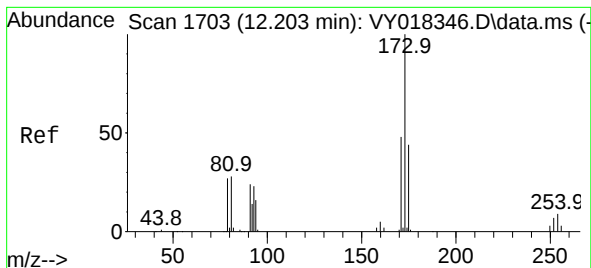
Ion Ratio Lower Upper

104 100

78 45.1 37.0 55.4

103 54.2 44.2 66.2





#71

Bromoform

Concen: 20.135 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

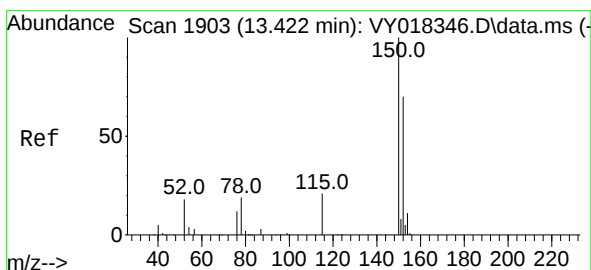
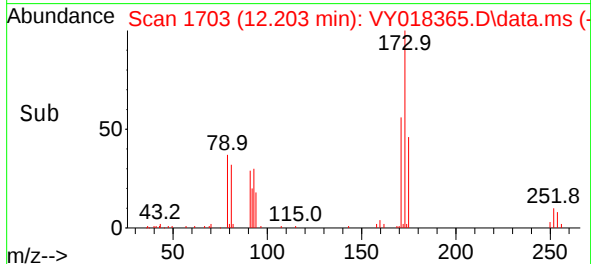
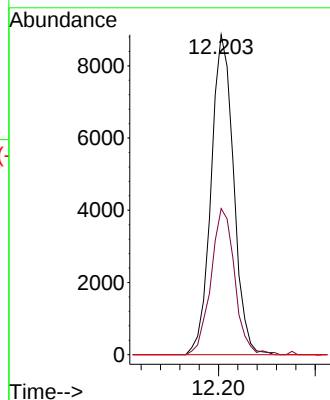
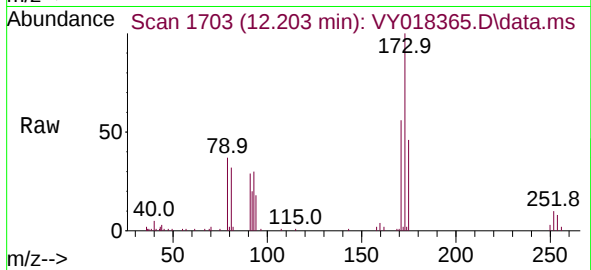
Tgt Ion:173 Resp: 14311

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

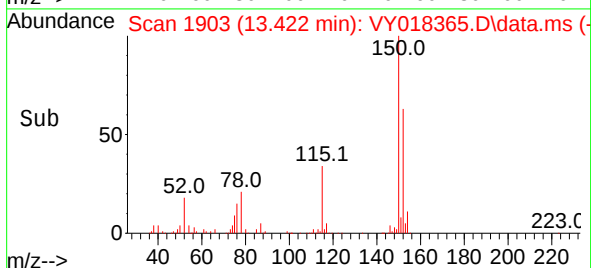
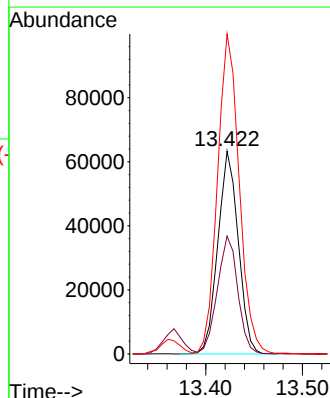
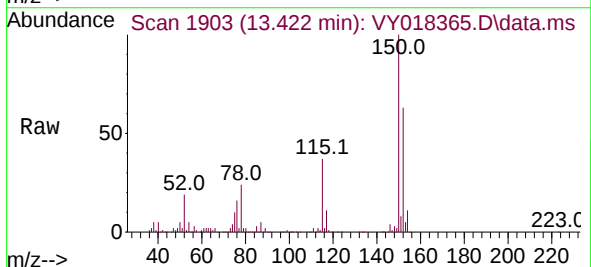
Tgt Ion:152 Resp: 92801

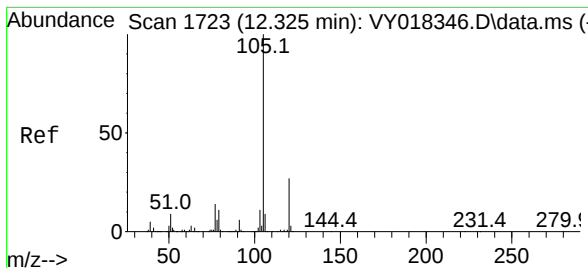
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 168.0 0.0 345.6





#73

Isopropylbenzene

Concen: 20.867 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

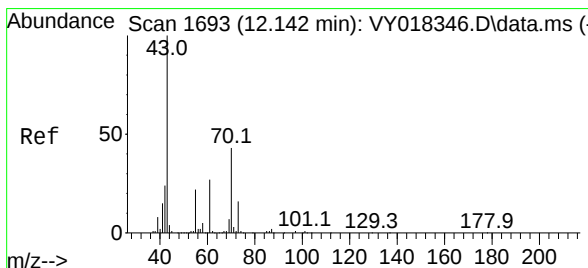
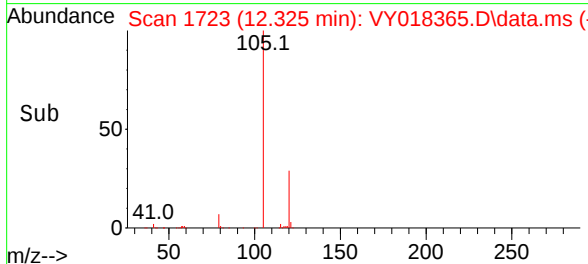
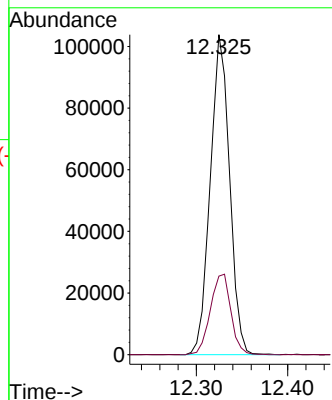
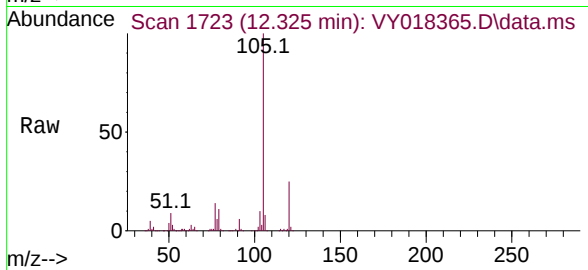
ClientSampleId :

Tgt Ion:105 Resp: 152202

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 21.499 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion: 43 Resp: 36586

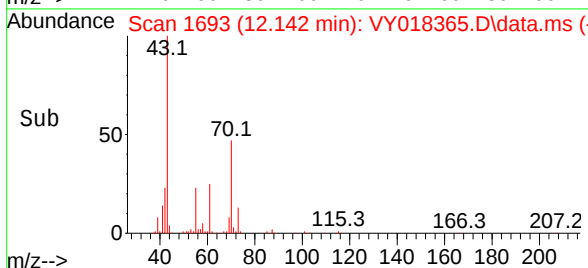
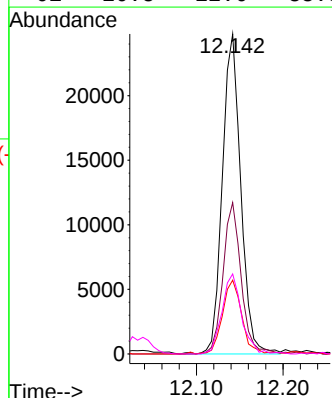
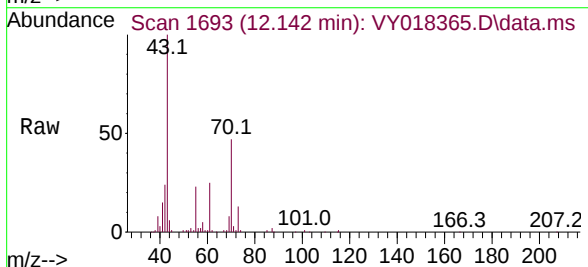
Ion Ratio Lower Upper

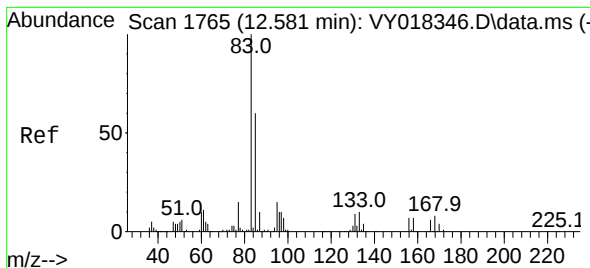
43 100

70 46.6 41.4 62.2

55 24.3 23.3 34.9

61 26.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.726 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

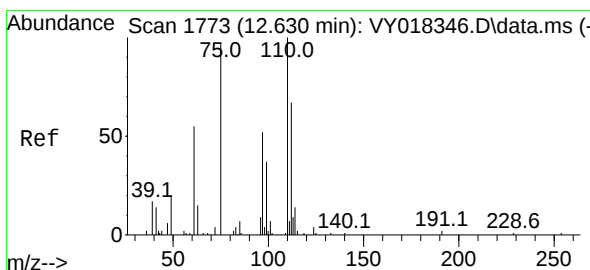
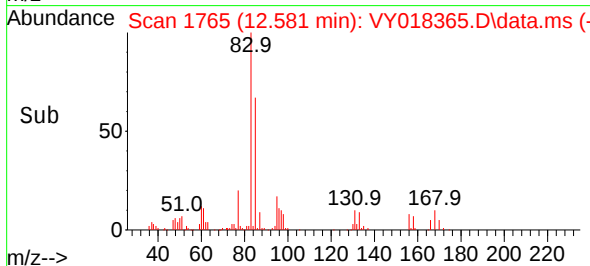
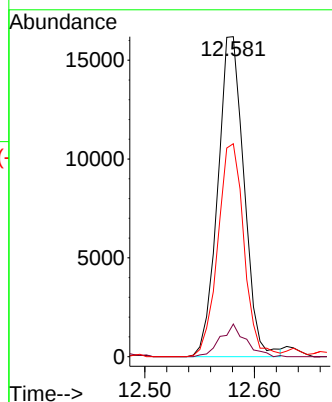
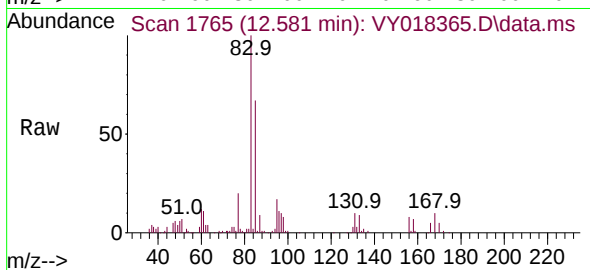
Tgt Ion: 83 Resp: 27002

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 66.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 40.126 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY018365.D

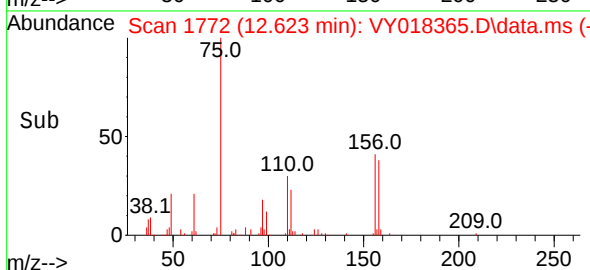
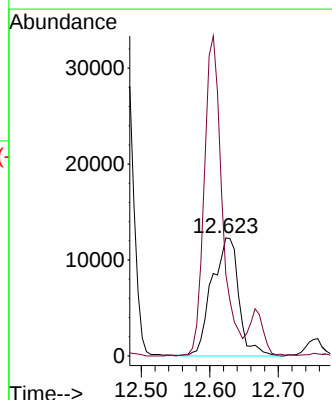
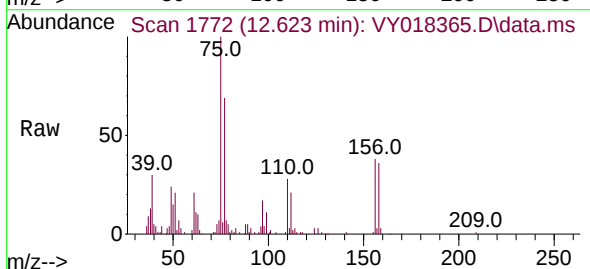
Acq: 24 May 2024 14:46

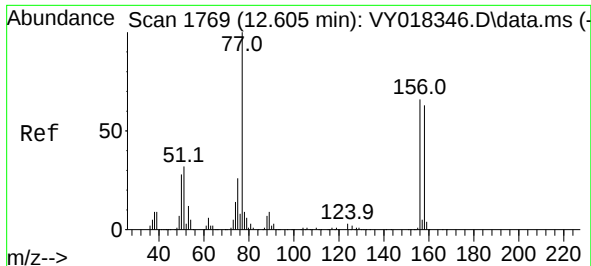
Tgt Ion: 75 Resp: 33468

Ion Ratio Lower Upper

75 100

77 181.3 0.0 0.0#

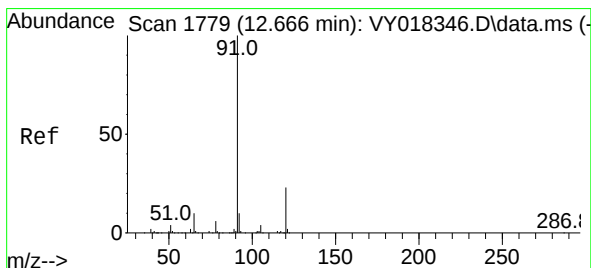
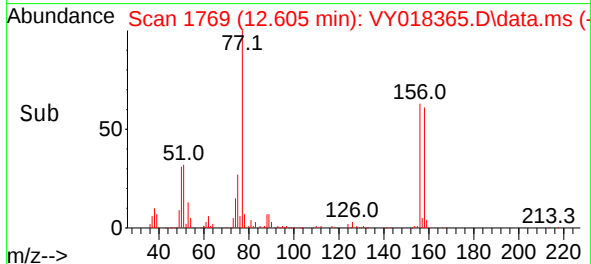
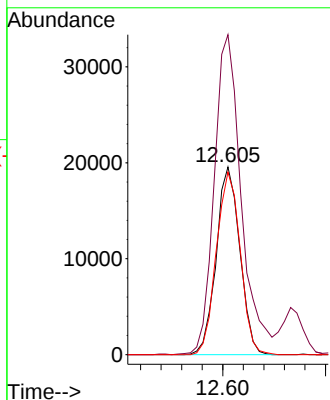
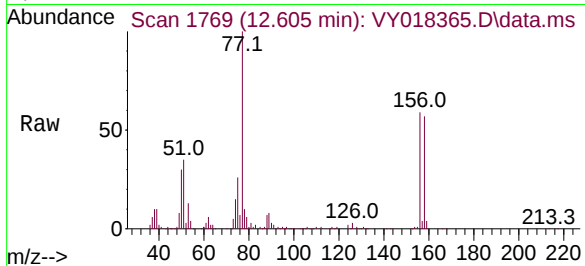




#77
Bromobenzene
Concen: 19.484 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

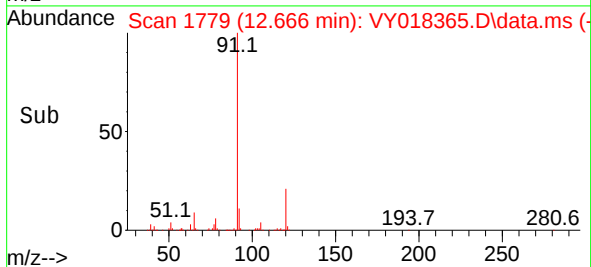
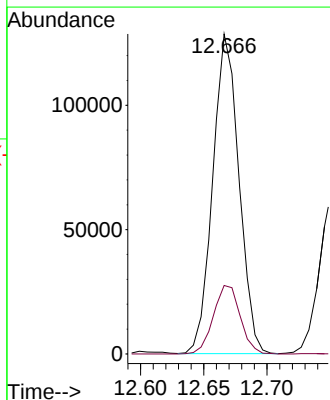
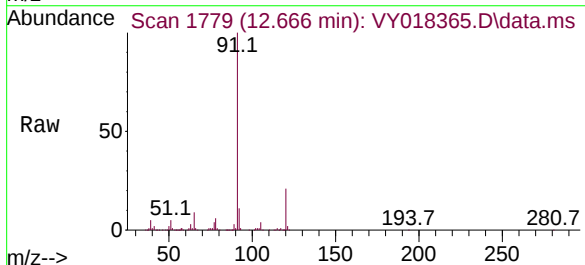
Instrument :
MSVOA_Y
ClientSampleId :

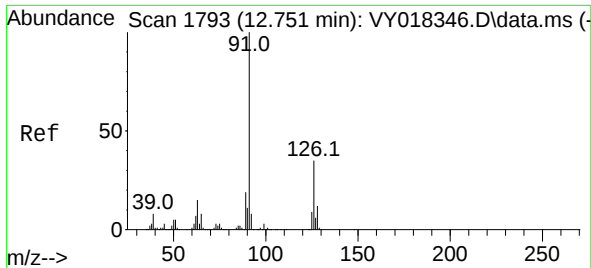
Tgt Ion	Ratio	Lower	Upper
156	100		
77	194.9	87.1	261.3
158	98.5	48.6	145.9



#78
n-propylbenzene
Concen: 21.195 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 21.440 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

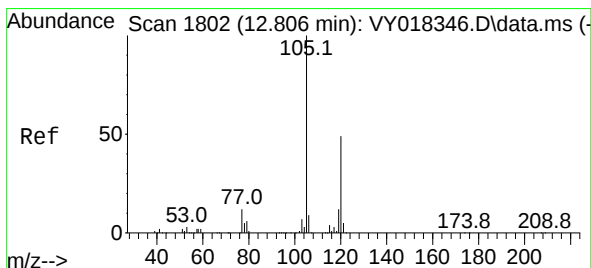
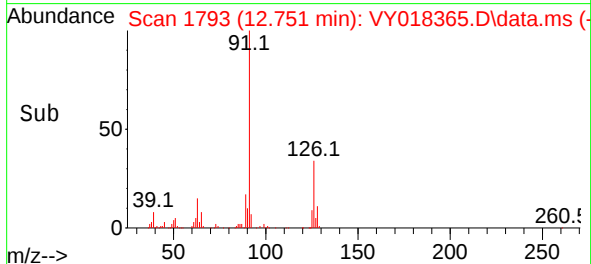
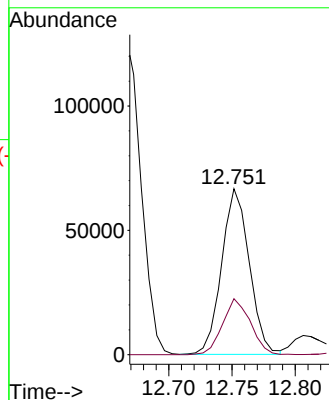
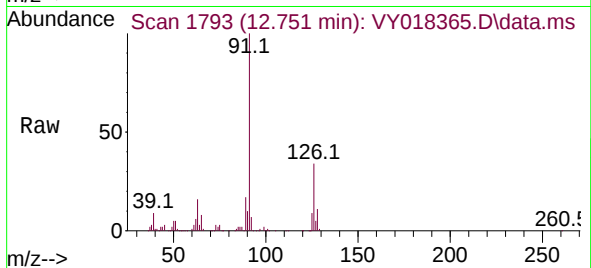
ClientSampleId :

Tgt Ion: 91 Resp: 101372

Ion Ratio Lower Upper

91 100

126 34.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.788 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY018365.D

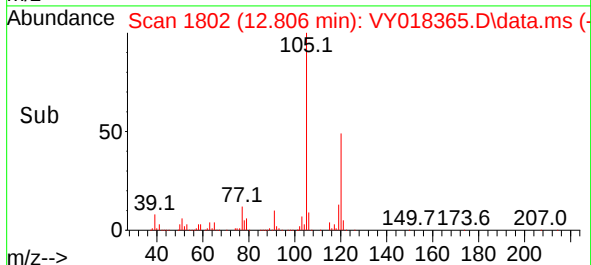
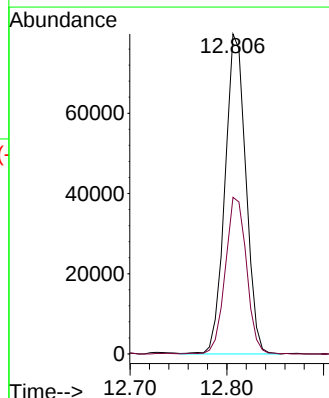
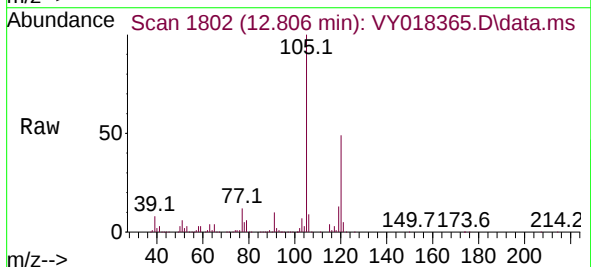
Acq: 24 May 2024 14:46

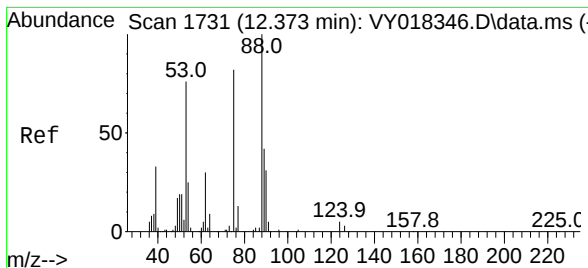
Tgt Ion:105 Resp: 119153

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2

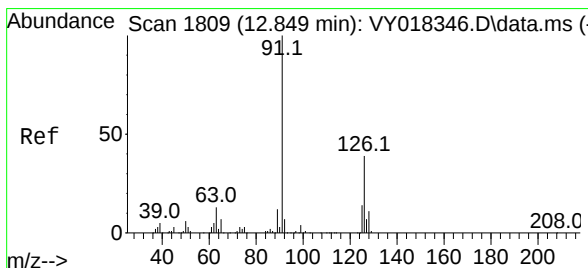
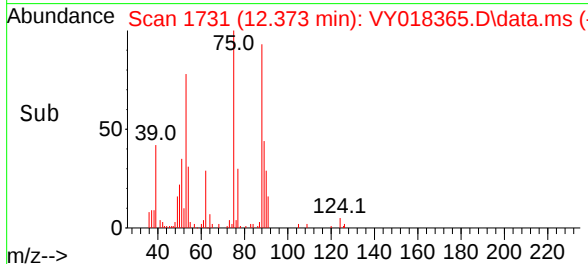
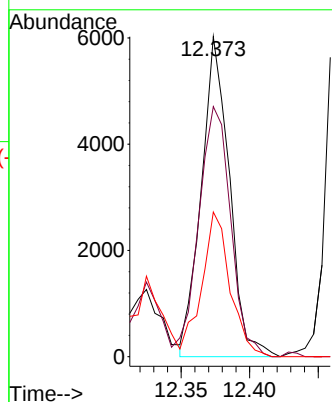
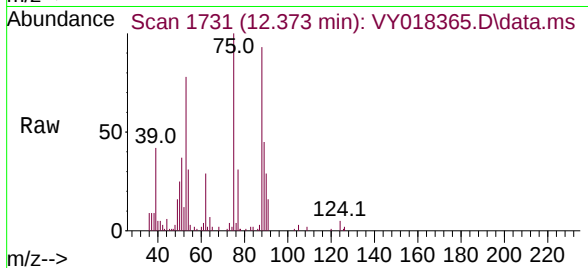




#81
trans-1,4-Dichloro-2-butene
Concen: 21.153 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

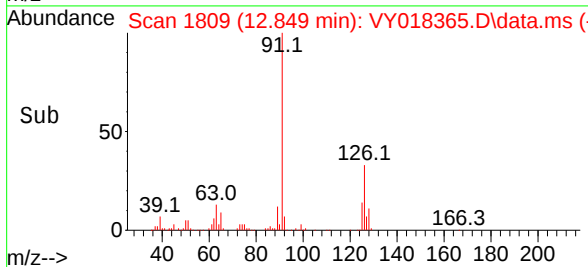
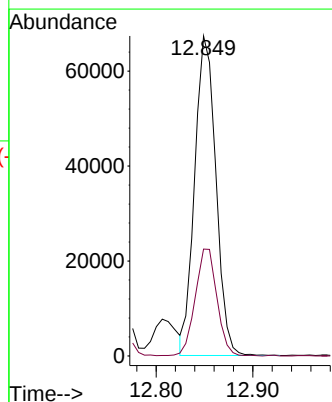
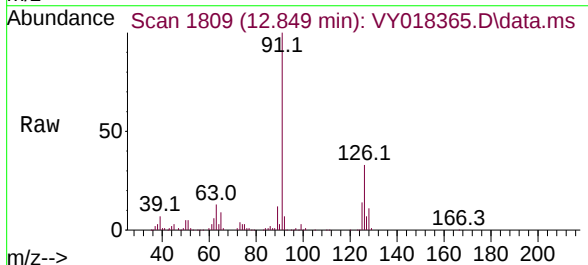
Instrument :
MSVOA_Y
ClientSampleId :

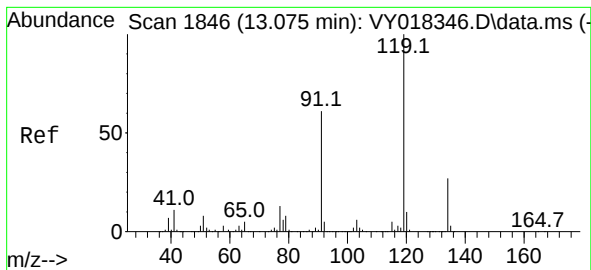
Tgt Ion: 75 Resp: 8575
Ion Ratio Lower Upper
75 100
53 88.6 66.8 100.2
89 45.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.406 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018365.D
Acq: 24 May 2024 14:46

Tgt Ion: 91 Resp: 102624
Ion Ratio Lower Upper
91 100
126 34.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.431 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

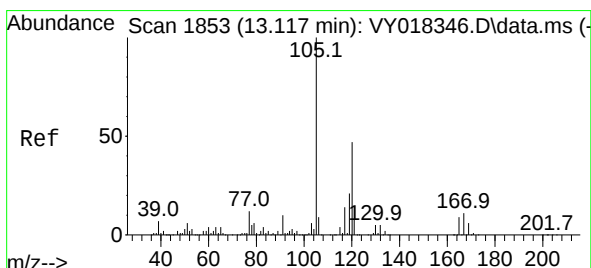
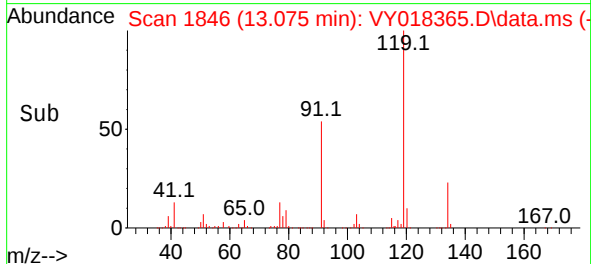
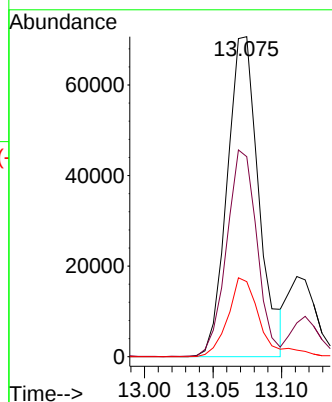
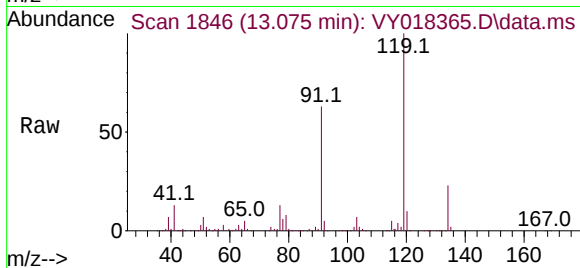
Tgt Ion:119 Resp: 113548

Ion Ratio Lower Upper

119 100

91 62.1 31.3 93.8

134 25.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.023 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018365.D

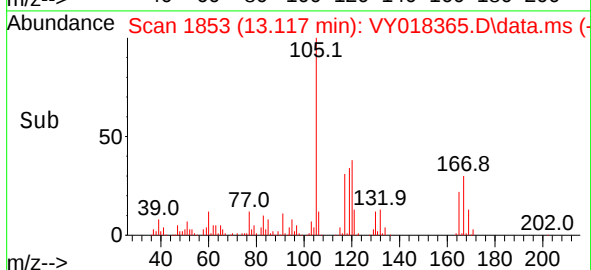
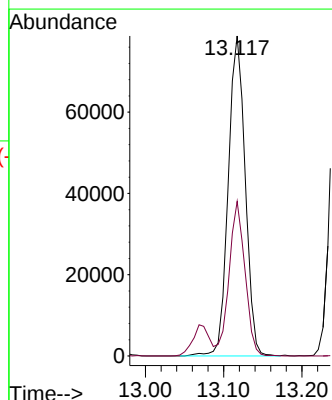
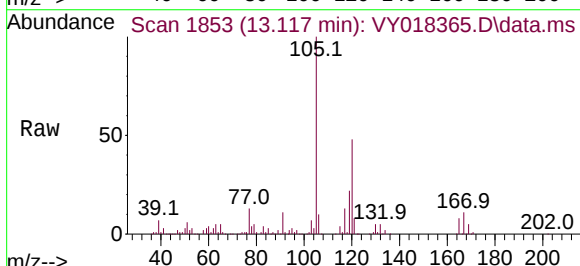
Acq: 24 May 2024 14:46

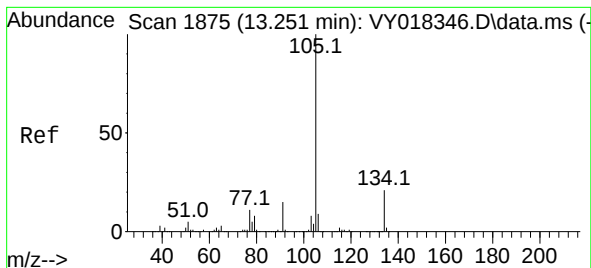
Tgt Ion:105 Resp: 118505

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.068 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

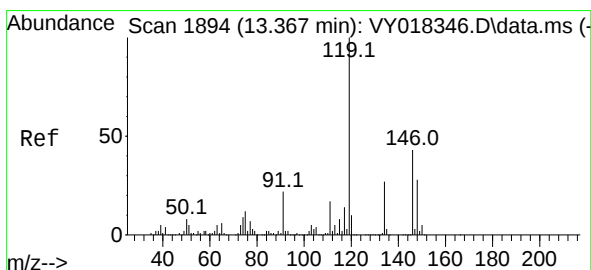
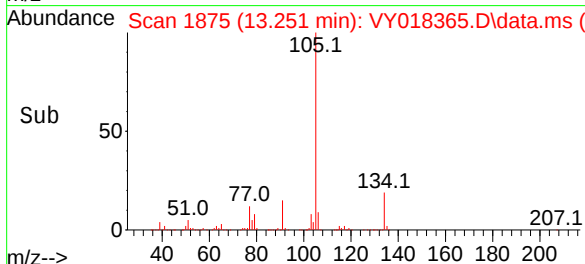
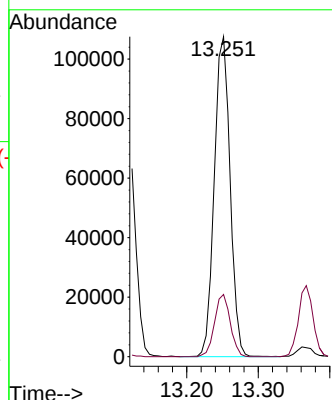
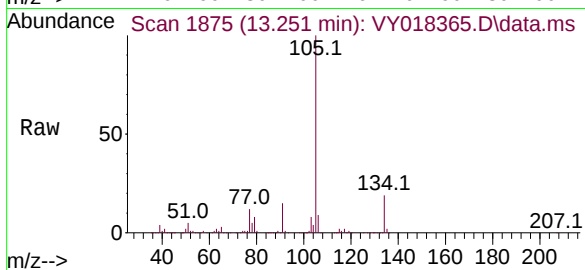
ClientSampleId :

Tgt Ion:105 Resp: 165084

Ion Ratio Lower Upper

105 100

134 19.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.945 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

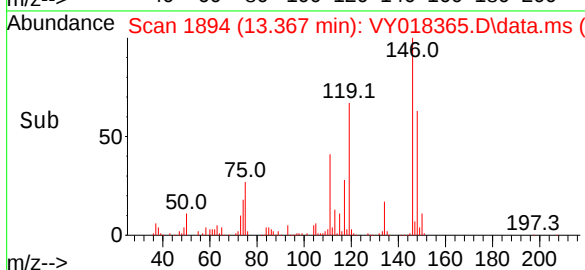
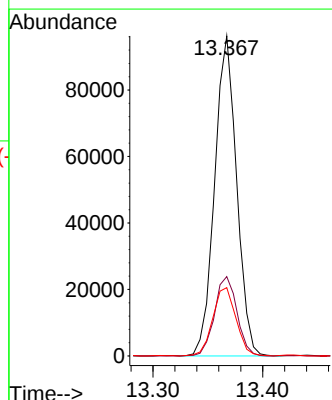
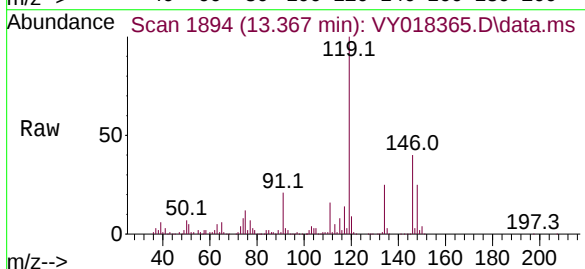
Tgt Ion:119 Resp: 134248

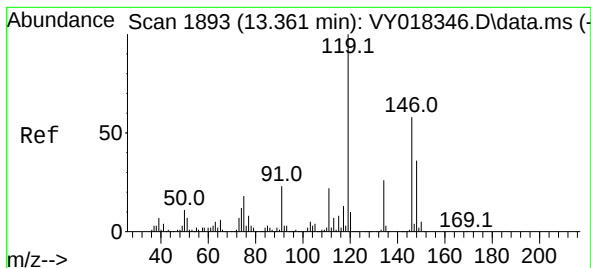
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.3

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.308 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018365.D

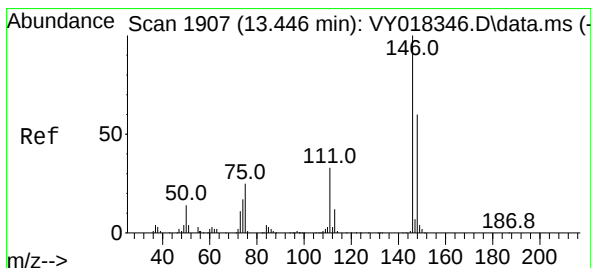
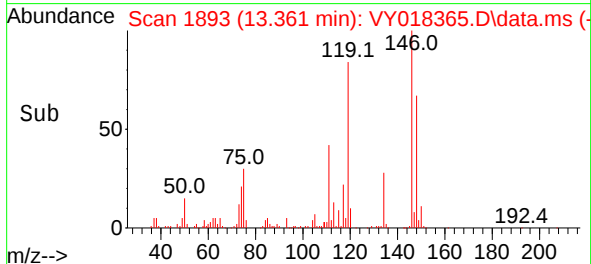
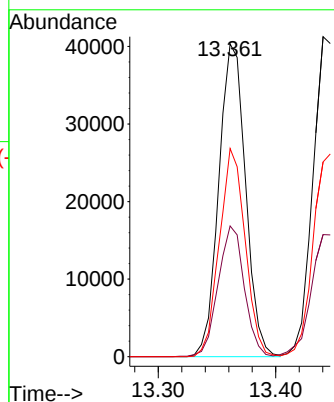
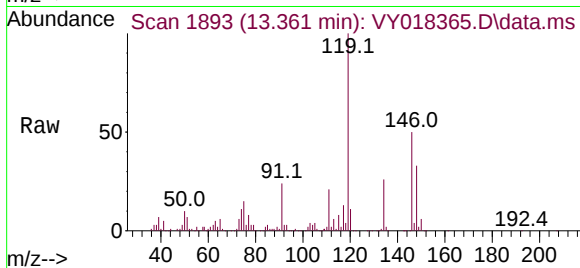
Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	63885
Ion Ratio	Lower	Upper
146	100	
111	40.9	19.0 57.0
148	64.2	31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.760 ug/l

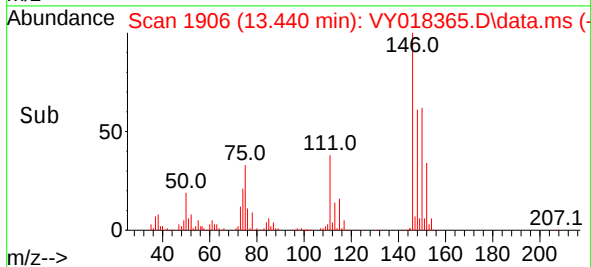
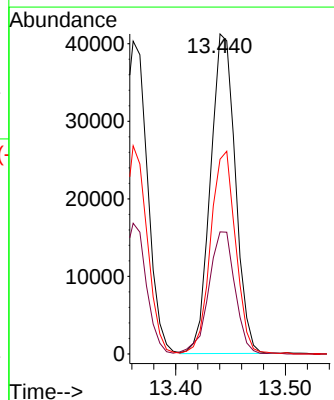
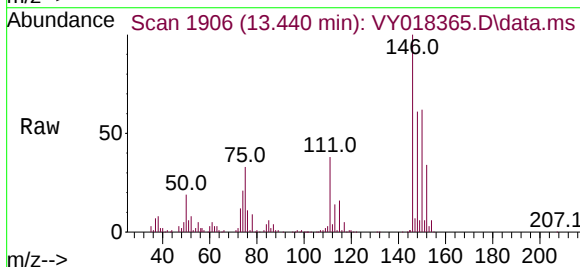
RT: 13.440 min Scan# 1906

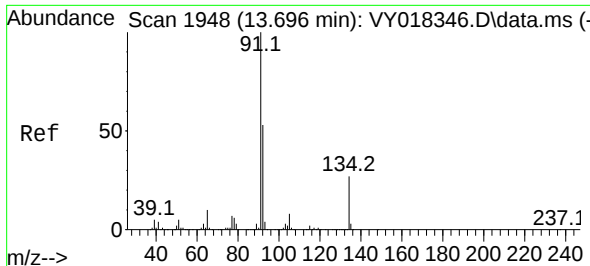
Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion:146	Resp:	64998
Ion Ratio	Lower	Upper
146	100	
111	40.0	18.4 55.4
148	64.1	32.4 97.2





#89

n-Butylbenzene

Concen: 20.964 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

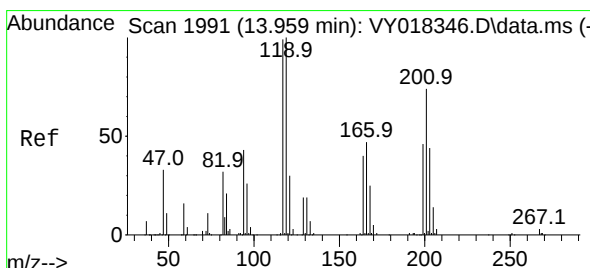
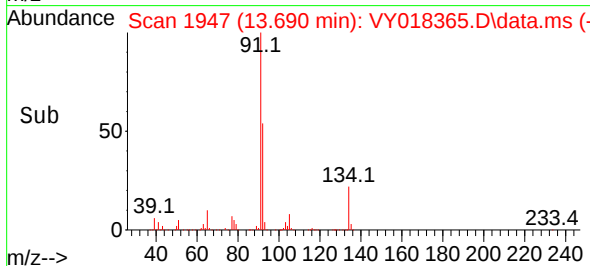
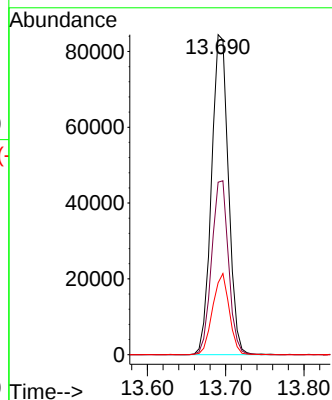
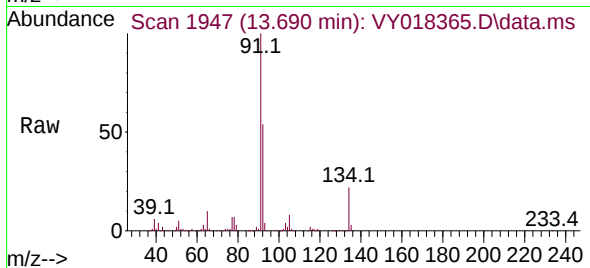
Tgt Ion: 91 Resp: 126269

Ion Ratio Lower Upper

91 100

92 54.3 26.6 79.7

134 25.0 12.9 38.7



#90

Hexachloroethane

Concen: 20.972 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018365.D

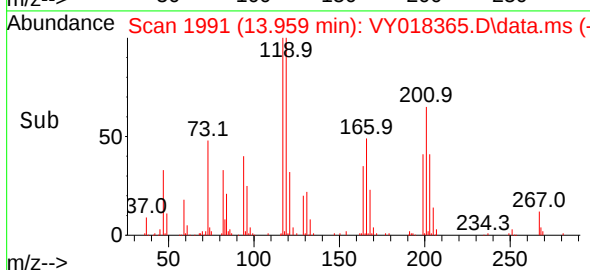
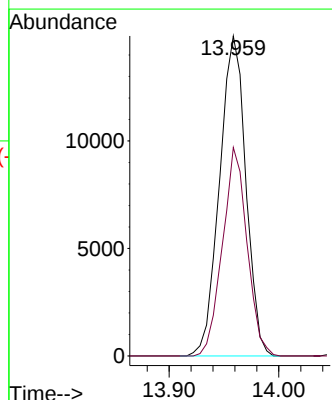
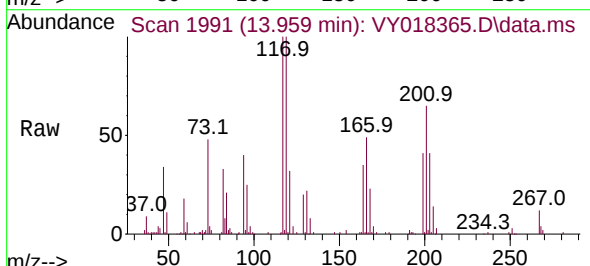
Acq: 24 May 2024 14:46

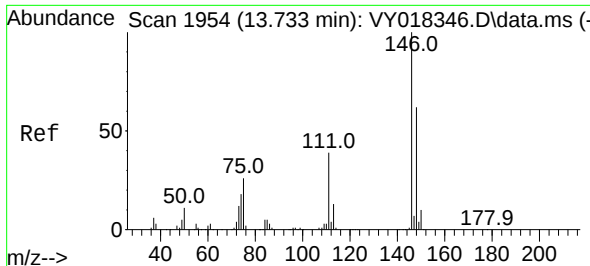
Tgt Ion: 117 Resp: 24823

Ion Ratio Lower Upper

117 100

201 60.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.047 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY018365.D

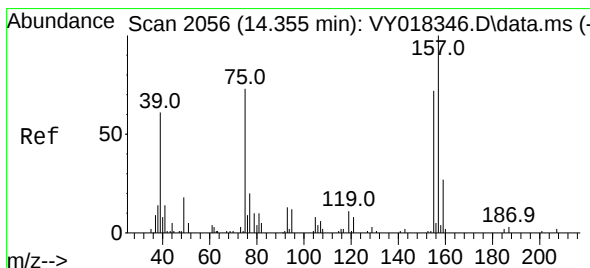
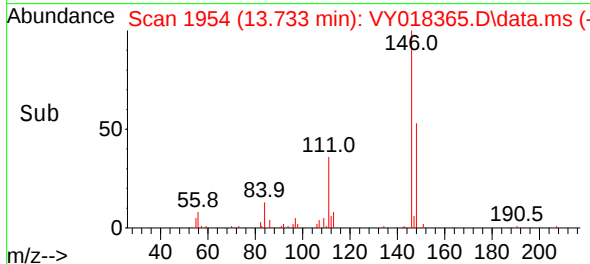
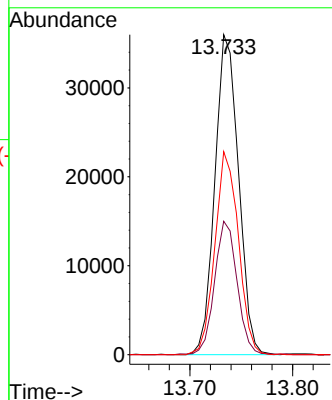
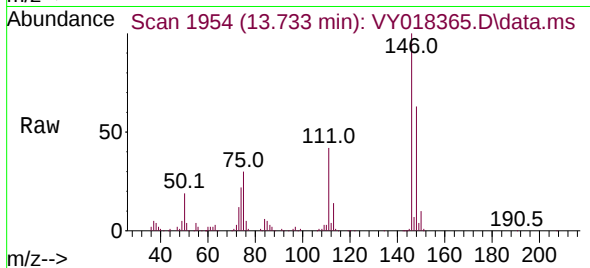
Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	57452
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.9	59.7
148	63.0	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.066 ug/l

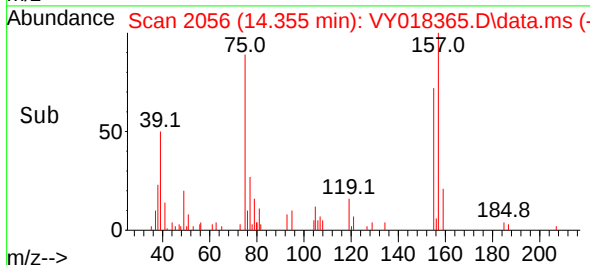
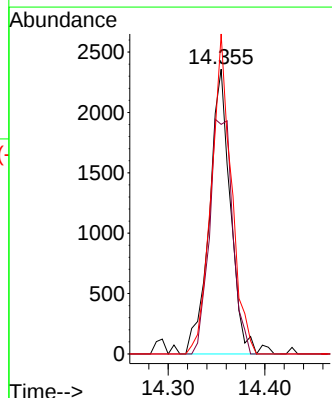
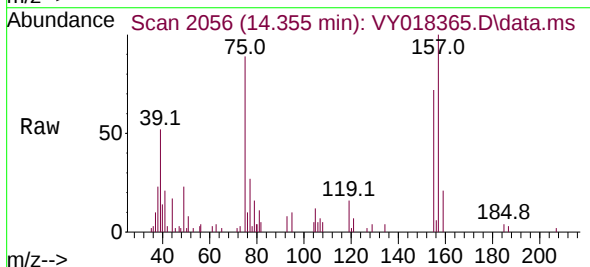
RT: 14.355 min Scan# 2056

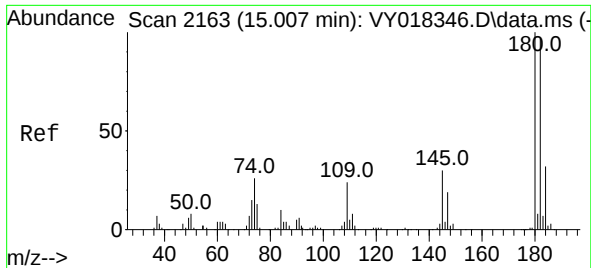
Delta R.T. -0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion:	75	Resp:	3591
Ion Ratio	Lower	Upper	
75	100		
155	90.6	48.6	145.8
157	106.4	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.340 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

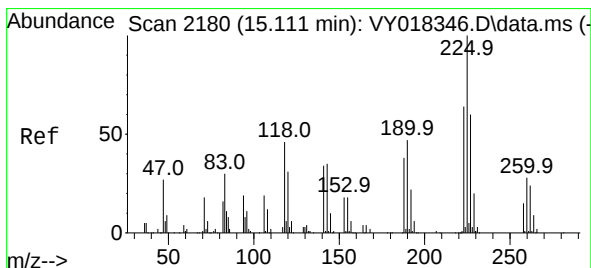
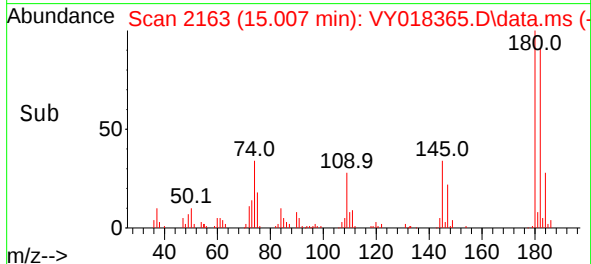
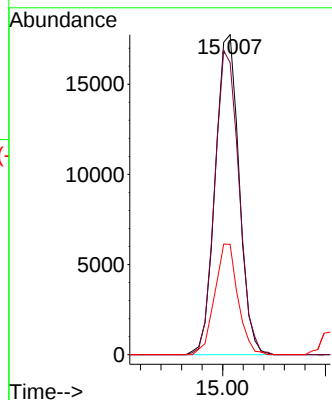
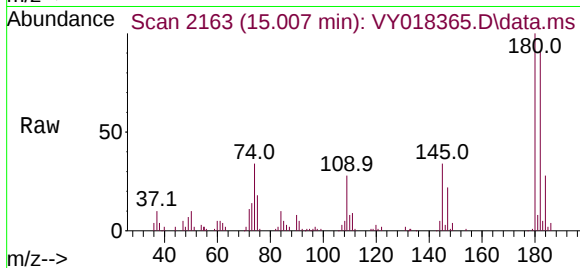
Tgt Ion:180 Resp: 28515

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.8

145 33.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.548 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

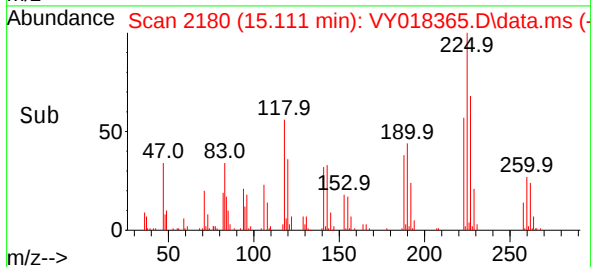
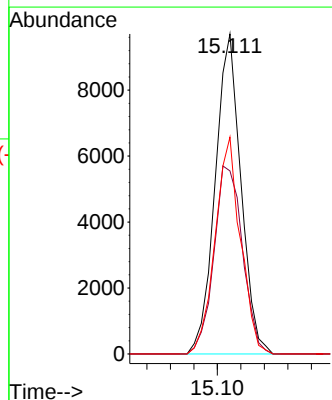
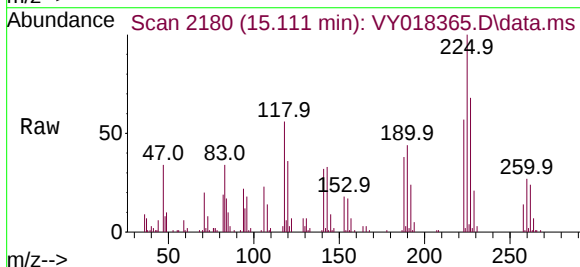
Tgt Ion:225 Resp: 14758

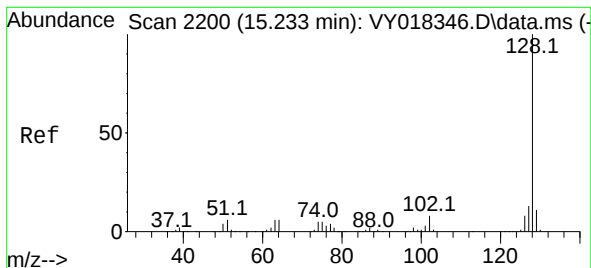
Ion Ratio Lower Upper

225 100

223 65.3 30.4 91.2

227 66.8 31.9 95.9





#95

Naphthalene

Concen: 18.714 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

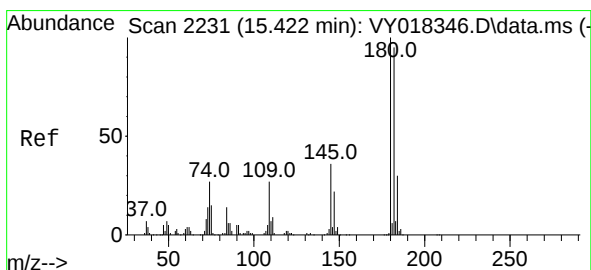
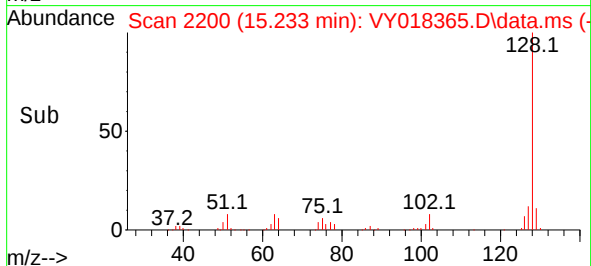
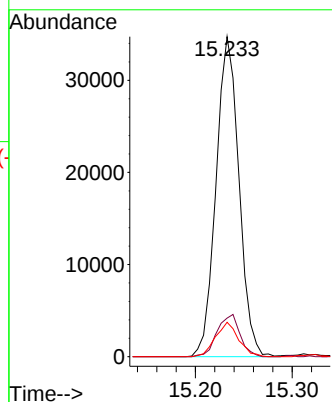
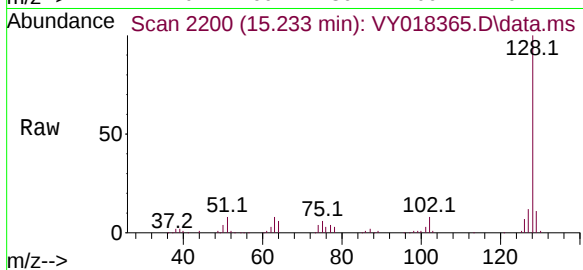
Tgt Ion:128 Resp: 57217

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.937 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018365.D

Acq: 24 May 2024 14:46

Tgt Ion:180 Resp: 25033

Ion Ratio Lower Upper

180 100

182 91.7 47.6 142.9

145 35.1 15.4 46.1

