

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018363.D
 Acq On : 24 May 2024 13:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:20:01 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	141933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	247983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94607	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.130	65	69467	51.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.710	113	74544	51.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.100%	
50) Toluene-d8	10.179	98	282089	50.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.477	95	87069	49.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.960%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	58639	48.405	ug/l	99
3) Chloromethane	2.101	50	110675	56.218	ug/l	99
4) Vinyl Chloride	2.241	62	127260	57.783	ug/l	95
5) Bromomethane	2.637	94	84013	53.355	ug/l	96
6) Chloroethane	2.784	64	78747	55.082	ug/l	98
7) Trichlorofluoromethane	3.107	101	131092	53.039	ug/l	98
8) Diethyl Ether	3.521	74	40752	51.637	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	78685	51.604	ug/l	93
10) Methyl Iodide	4.076	142	81525	53.165	ug/l	97
11) Tert butyl alcohol	4.948	59	36562	305.496	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	76751	51.107	ug/l	93
13) Acrolein	3.717	56	23853	212.449	ug/l	96
14) Allyl chloride	4.466	41	115732	55.178	ug/l	95
15) Acrylonitrile	5.143	53	93033	272.544	ug/l	99
16) Acetone	3.936	43	83217	300.888	ug/l	91
17) Carbon Disulfide	4.180	76	234577	55.935	ug/l	99
18) Methyl Acetate	4.466	43	37007	50.483	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	196566	54.586	ug/l	99
20) Methylene Chloride	4.704	84	89010	56.526	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	86011	54.291	ug/l	96
22) Diisopropyl ether	6.106	45	219899	50.452	ug/l	95
23) Vinyl Acetate	6.045	43	749415	268.522	ug/l	99
24) 1,1-Dichloroethane	6.003	63	146218	54.702	ug/l	99
25) 2-Butanone	6.978	43	122144	278.689	ug/l	93
26) 2,2-Dichloropropane	6.972	77	126614	54.795	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	101061	54.286	ug/l	97
28) Bromochloromethane	7.326	49	40142	44.217	ug/l	91
29) Tetrahydrofuran	7.344	42	74518	258.313	ug/l	93
30) Chloroform	7.496	83	145500	53.404	ug/l	97
31) Cyclohexane	7.777	56	130938	55.567	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	129824	54.289	ug/l	98
36) 1,1-Dichloropropene	7.911	75	111127	52.989	ug/l	98
37) Ethyl Acetate	7.064	43	54059	53.885	ug/l	98
38) Carbon Tetrachloride	7.893	117	111916	52.103	ug/l	96
39) Methylcyclohexane	9.179	83	152730	52.206	ug/l	99
40) Benzene	8.155	78	333578	52.177	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018363.D
 Acq On : 24 May 2024 13:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:20:01 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)
41) Methacrylonitrile	7.301	41	28653	57.217	ug/l	92
42) 1,2-Dichloroethane	8.228	62	78676	51.160	ug/l	100
43) Isopropyl Acetate	8.265	43	102752	52.493	ug/l	93
44) Trichloroethene	8.935	130	84924	51.823	ug/l	97
45) 1,2-Dichloropropane	9.209	63	75936	52.811	ug/l	100
46) Dibromomethane	9.301	93	44091	52.257	ug/l	96
47) Bromodichloromethane	9.490	83	105897	51.716	ug/l	100
48) Methyl methacrylate	9.289	41	45541	51.434	ug/l	92
49) 1,4-Dioxane	9.301	88	11425	1043.659	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	253125	256.226	ug/l	94
52) Toluene	10.240	92	205628	51.309	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	98653	52.697	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	119641	52.156	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	56878	50.884	ug/l	97
56) Ethyl methacrylate	10.508	69	79234	51.678	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	95348	50.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	184799	266.741	ug/l	99
59) 2-Hexanone	10.825	43	181761	267.388	ug/l	91
60) Dibromochloromethane	10.984	129	72971	54.047	ug/l	99
61) 1,2-Dibromoethane	11.081	107	53900	52.259	ug/l	100
64) Tetrachloroethene	10.715	164	75412	50.642	ug/l	97
65) Chlorobenzene	11.514	112	222671	51.349	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	73087	53.277	ug/l	99
67) Ethyl Benzene	11.587	91	392115	51.489	ug/l	99
68) m/p-Xylenes	11.697	106	303060	103.428	ug/l	100
69) o-Xylene	12.026	106	145229	52.519	ug/l	96
70) Styrene	12.038	104	241037	52.732	ug/l	100
71) Bromoform	12.209	173	39666	54.666	ug/l #	98
73) Isopropylbenzene	12.325	105	373268	50.198	ug/l	99
74) N-amyl acetate	12.142	43	88490	51.007	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	62827	49.586	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	79488	93.482	ug/l #	100
77) Bromobenzene	12.605	156	84456	51.857	ug/l	97
78) n-propylbenzene	12.666	91	442849	49.739	ug/l	99
79) 2-Chlorotoluene	12.752	91	239408	49.667	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	295129	50.507	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	20828	50.398	ug/l	95
82) 4-Chlorotoluene	12.855	91	243552	49.833	ug/l	96
83) tert-Butylbenzene	13.075	119	275084	50.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	292683	50.931	ug/l	100
85) sec-Butylbenzene	13.251	105	400222	50.101	ug/l	99
86) p-Isopropyltoluene	13.367	119	330104	50.520	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	166532	51.928	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	161148	50.486	ug/l	98
89) n-Butylbenzene	13.696	91	306333	49.888	ug/l	99
90) Hexachloroethane	13.959	117	60727	50.327	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	145361	52.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9305	53.544	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	85126	53.704	ug/l	97
94) Hexachlorobutadiene	15.111	225	44768	55.190	ug/l	99
95) Naphthalene	15.233	128	171207	54.928	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	73440	54.496	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
Data File : VY018363.D
Acq On : 24 May 2024 13:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

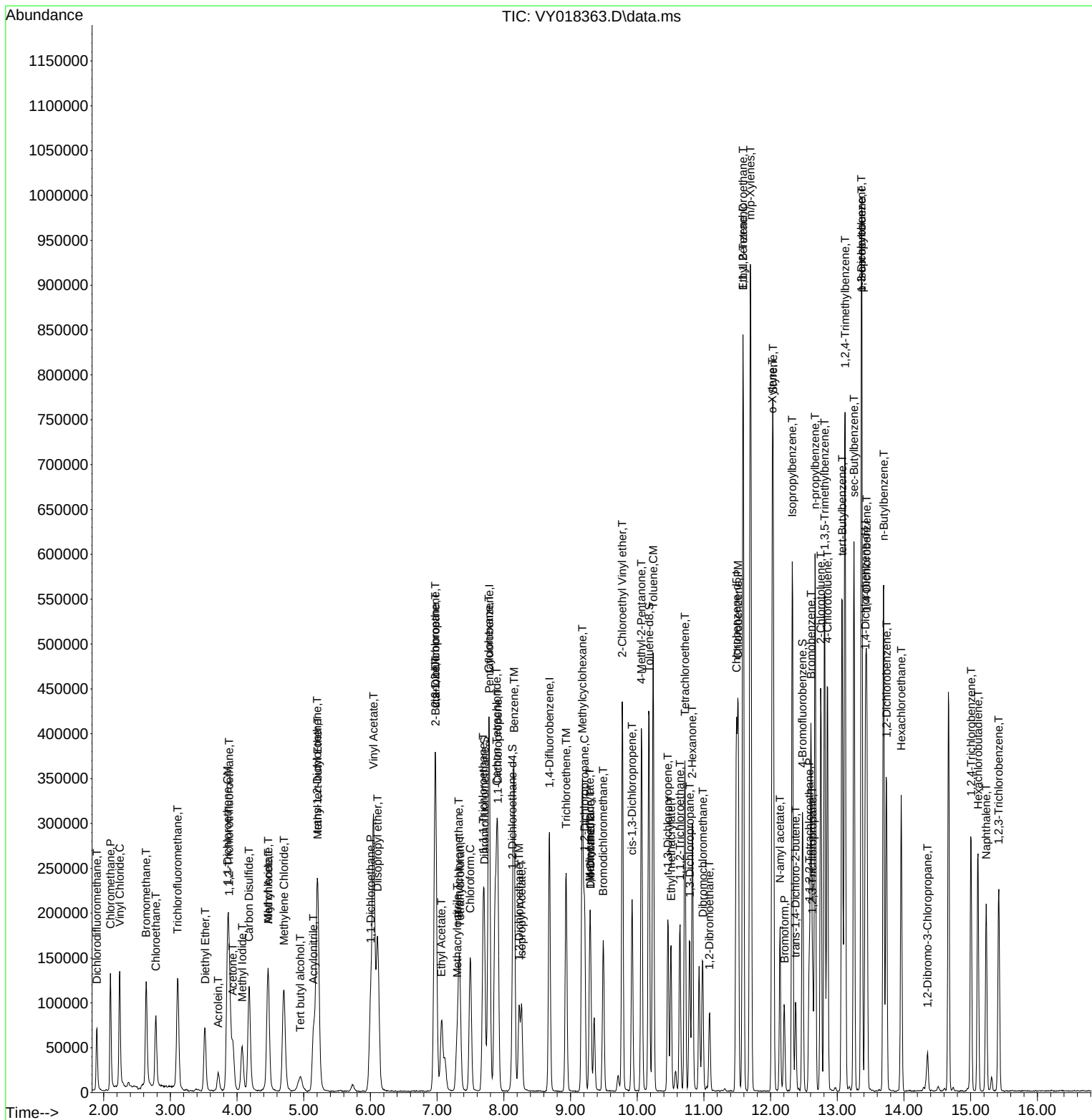
Instrument :
MSVOA_Y
ClientSampleId :

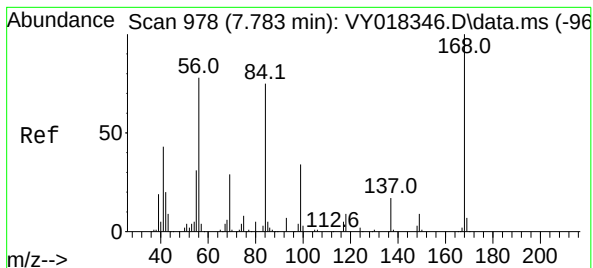
Quant Time: May 25 03:20:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

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

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

Quant Time: May 25 03:20:01 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

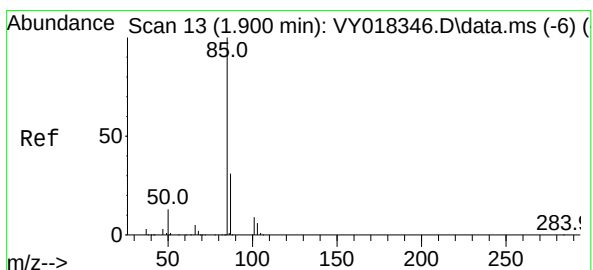
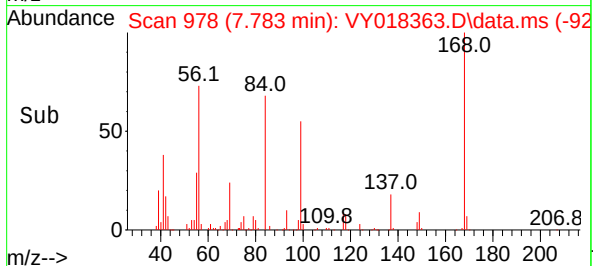
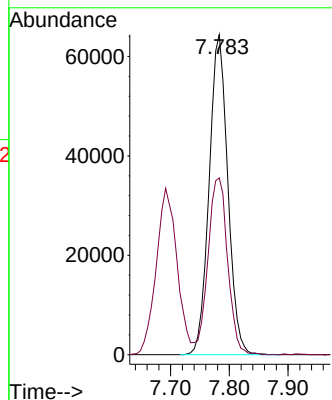
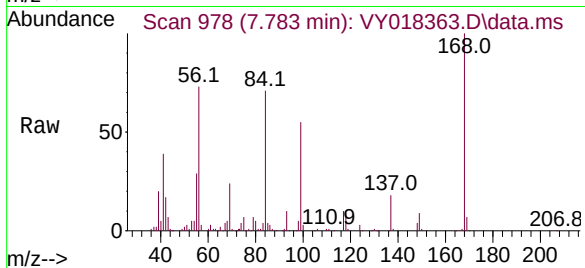
ClientSampleId :

Tgt Ion:168 Resp: 141933

Ion Ratio Lower Upper

168 100

99 55.2 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 48.405 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY018363.D

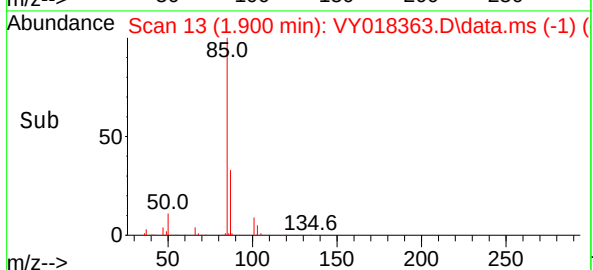
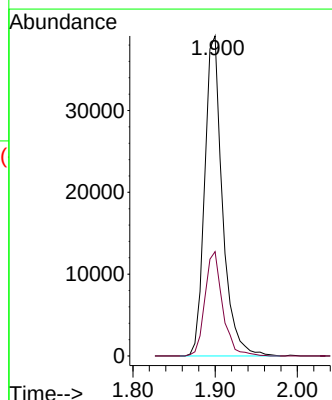
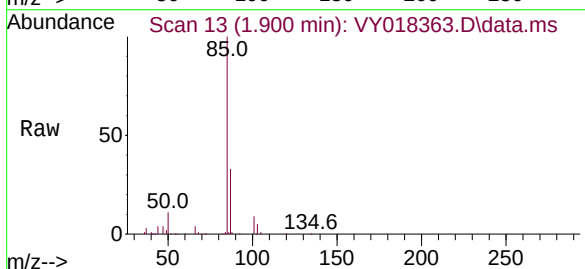
Acq: 24 May 2024 13:50

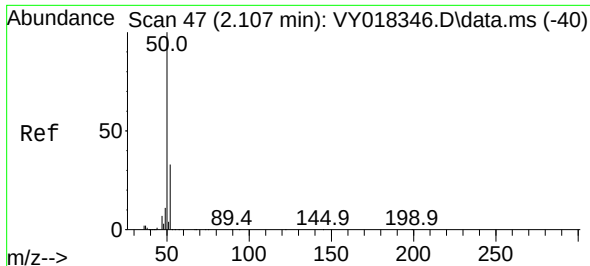
Tgt Ion: 85 Resp: 58639

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0





#3

Chloromethane

Concen: 56.218 ug/l

RT: 2.101 min Scan# 4

Delta R.T. -0.006 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

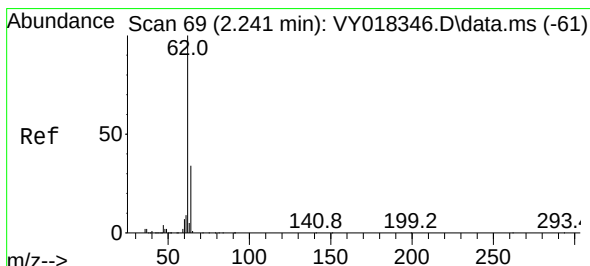
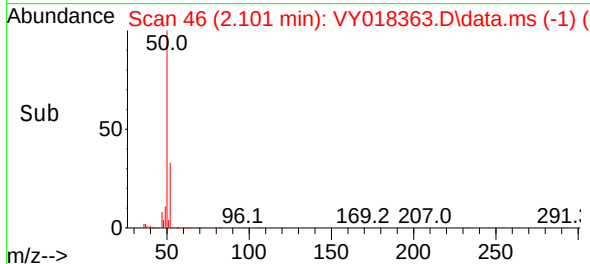
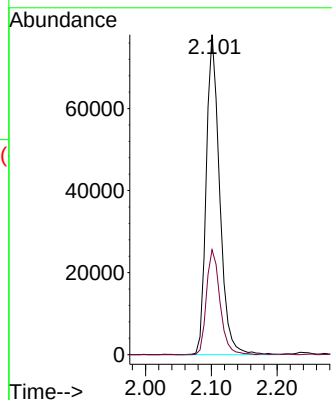
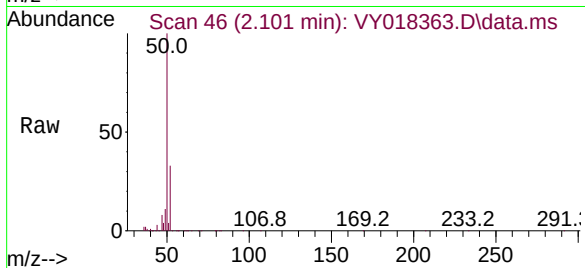
ClientSampleId :

Tgt Ion: 50 Resp: 110675

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 57.783 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018363.D

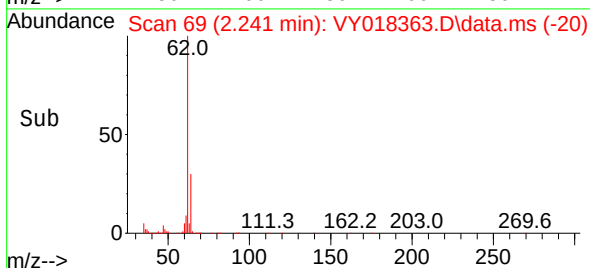
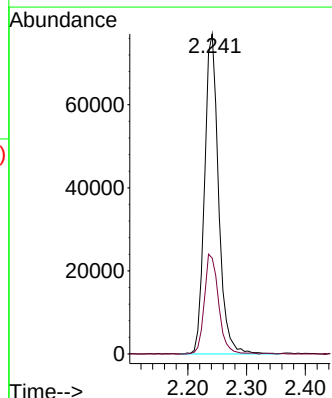
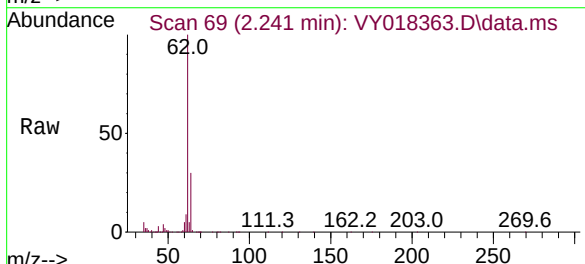
Acq: 24 May 2024 13:50

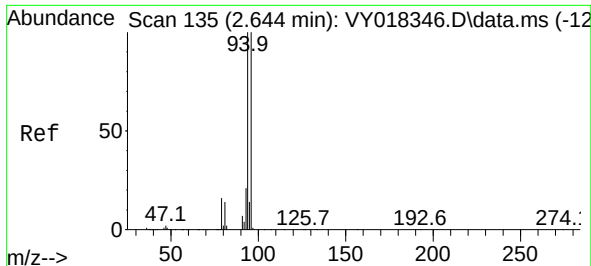
Tgt Ion: 62 Resp: 127260

Ion Ratio Lower Upper

62 100

64 29.9 26.1 39.1

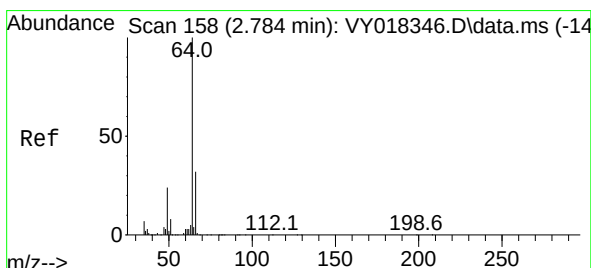
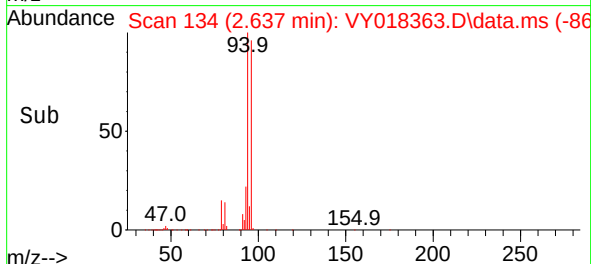
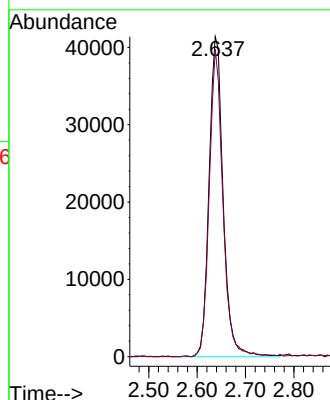
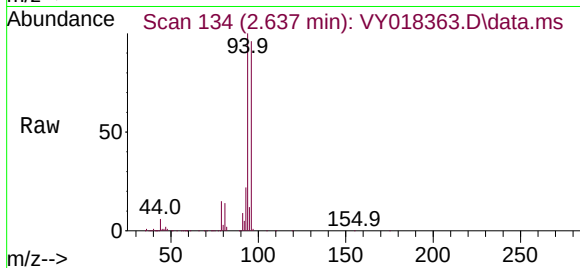




#5
Bromomethane
Concen: 53.355 ug/l
RT: 2.637 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

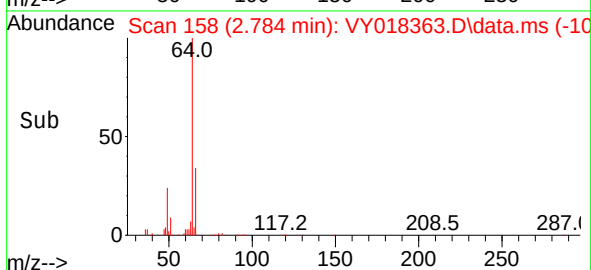
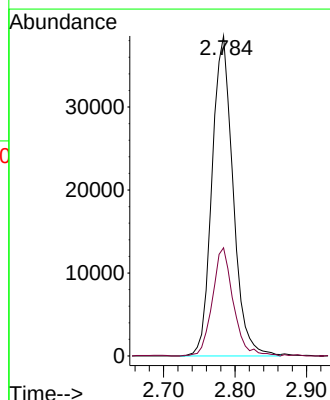
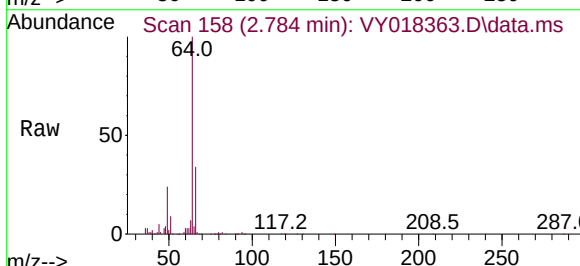
Instrument :
MSVOA_Y
ClientSampleId :

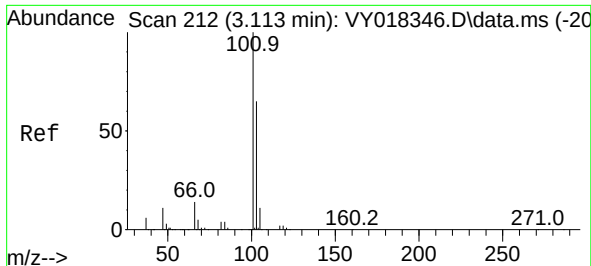
Tgt Ion: 94 Resp: 84013
Ion Ratio Lower Upper
94 100
96 96.1 74.1 111.1



#6
Chloroethane
Concen: 55.082 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion: 64 Resp: 78747
Ion Ratio Lower Upper
64 100
66 33.8 26.1 39.1

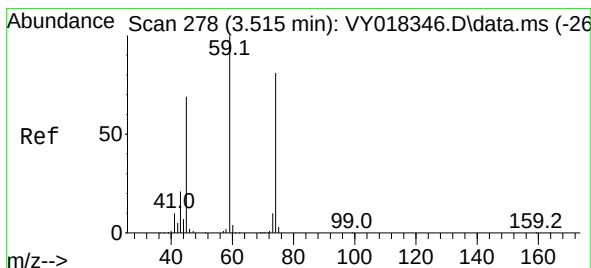
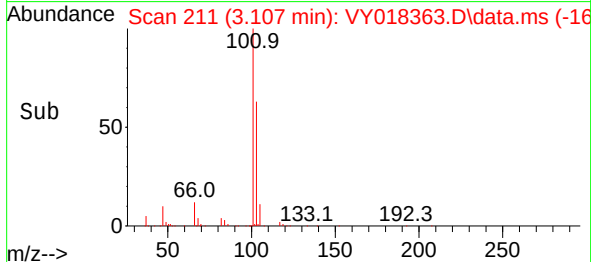
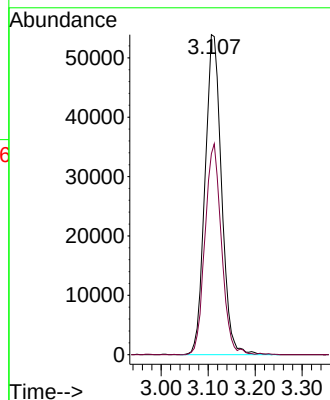
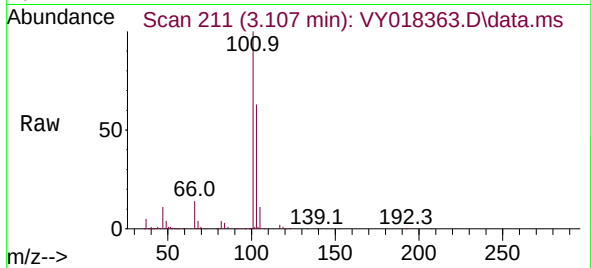




#7
Trichlorofluoromethane
Concen: 53.039 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

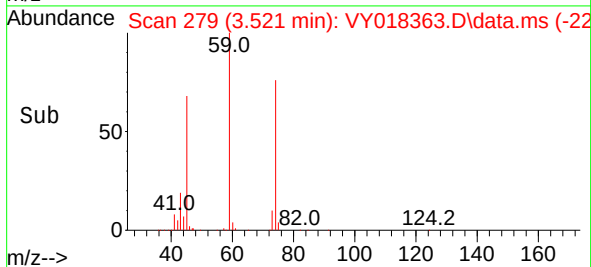
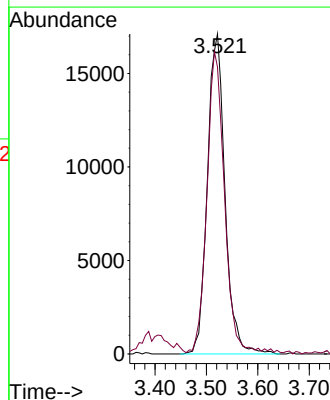
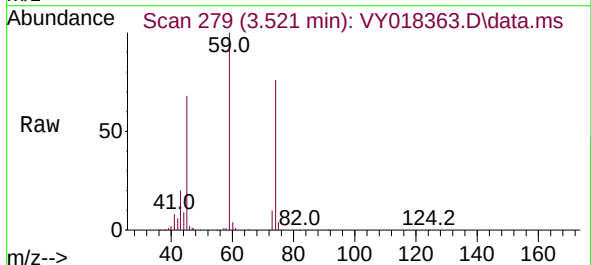
Instrument :
MSVOA_Y
ClientSampleId :

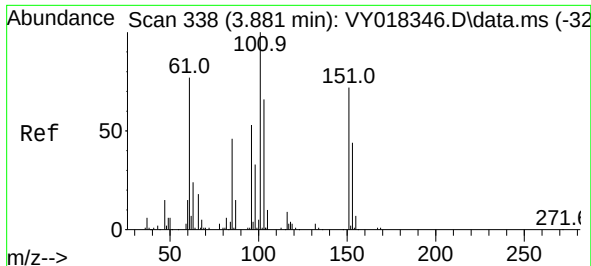
Tgt Ion:101 Resp: 131092
Ion Ratio Lower Upper
101 100
103 62.8 49.3 73.9



#8
Diethyl Ether
Concen: 51.637 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion: 74 Resp: 40752
Ion Ratio Lower Upper
74 100
45 92.8 41.3 124.1

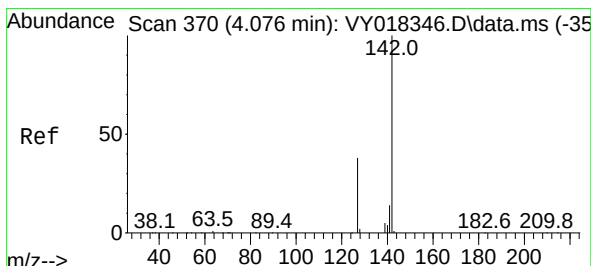
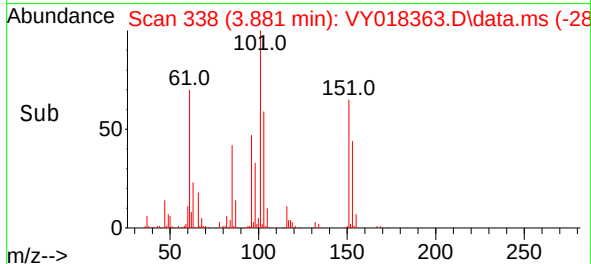
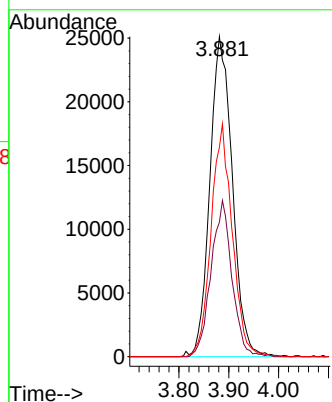
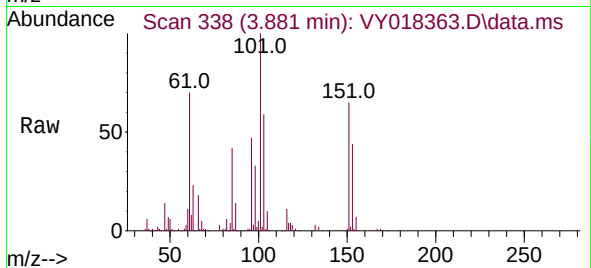




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.604 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

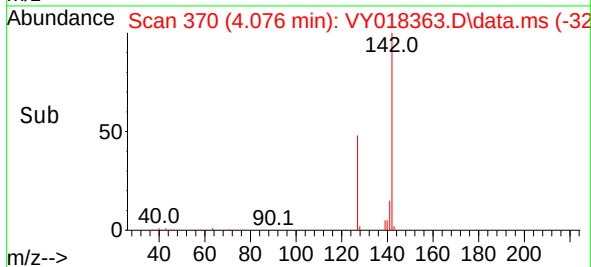
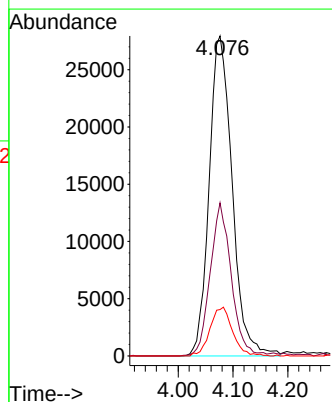
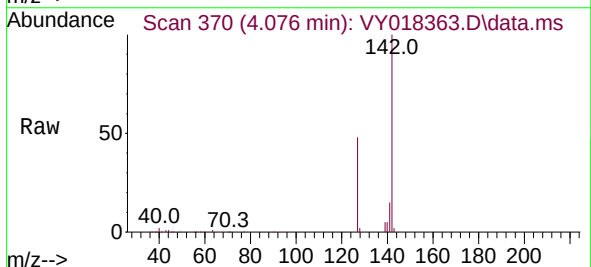
Instrument :
MSVOA_Y
ClientSampleId :

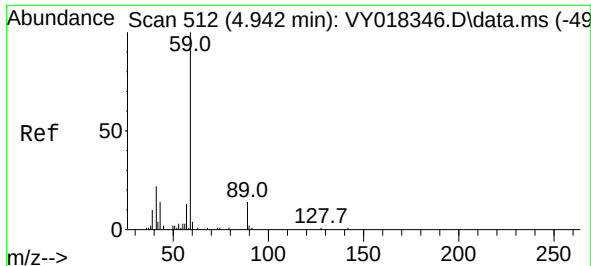
Tgt Ion:101 Resp: 78685
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 68.7 61.7 92.5



#10
Methyl Iodide
Concen: 53.165 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion:142 Resp: 81525
Ion Ratio Lower Upper
142 100
127 43.6 32.8 49.2
141 14.9 11.4 17.2

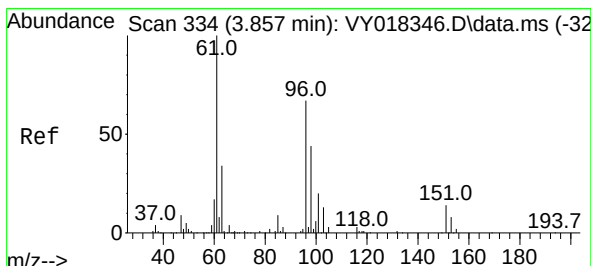
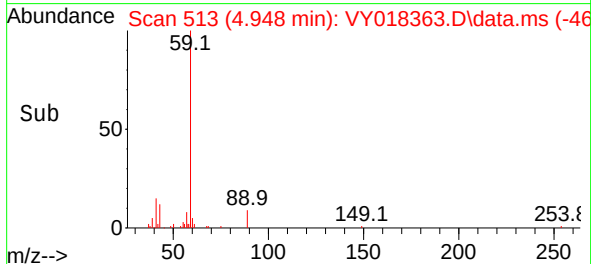
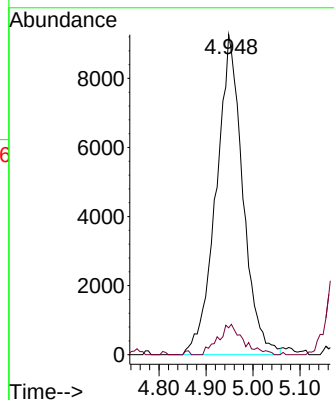
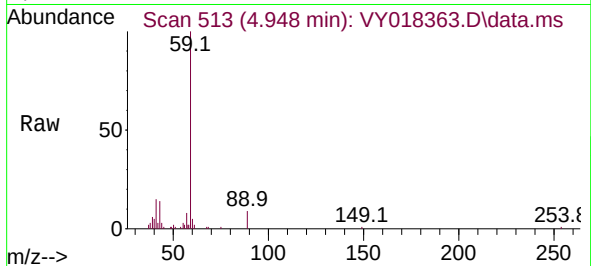




#11
Tert butyl alcohol
Concen: 305.496 ug/l
RT: 4.948 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

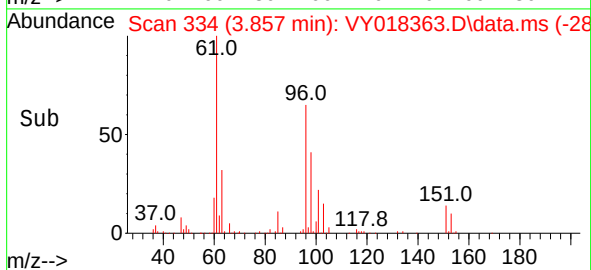
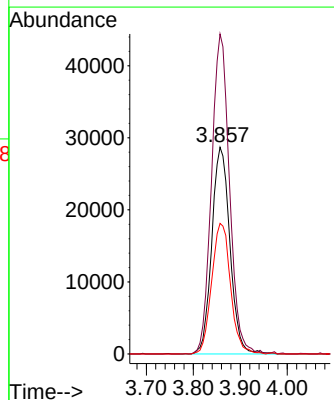
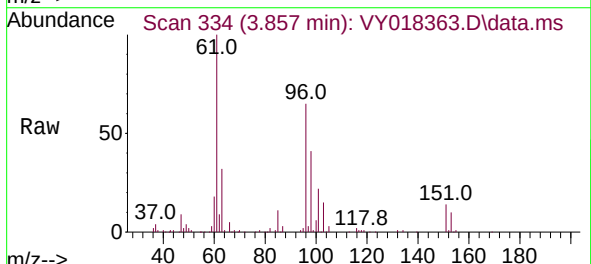
Instrument :
MSVOA_Y
ClientSampleId :

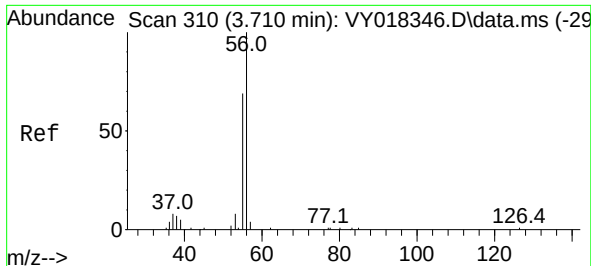
Tgt Ion: 59 Resp: 36562
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.107 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion: 96 Resp: 76751
Ion Ratio Lower Upper
96 100
61 154.7 114.6 171.8
98 63.1 50.8 76.2





#13

Acrolein

Concen: 212.449 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

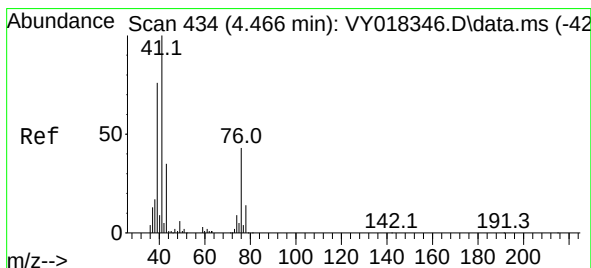
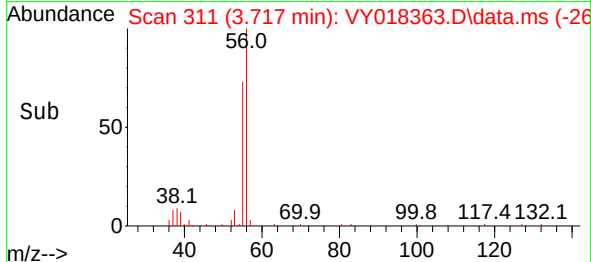
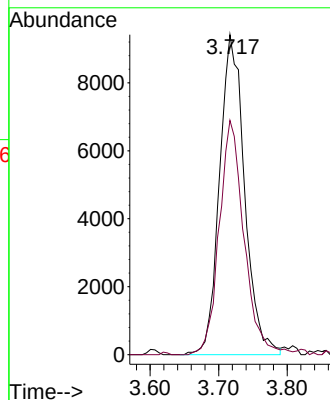
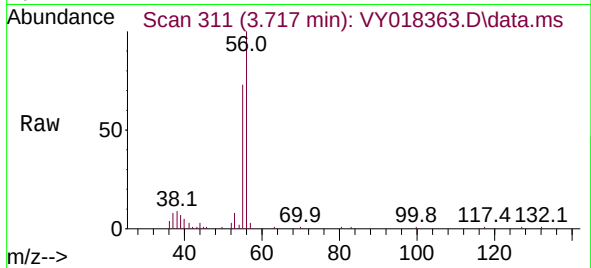
ClientSampleId :

Tgt Ion: 56 Resp: 23853

Ion Ratio Lower Upper

56 100

55 72.7 55.7 83.5



#14

Allyl chloride

Concen: 55.178 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

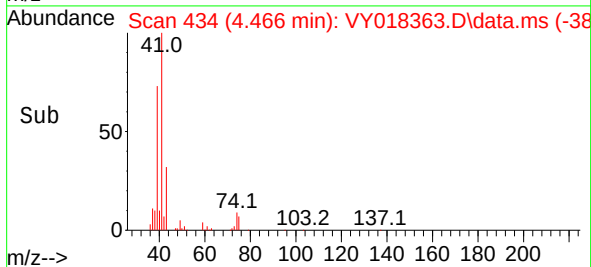
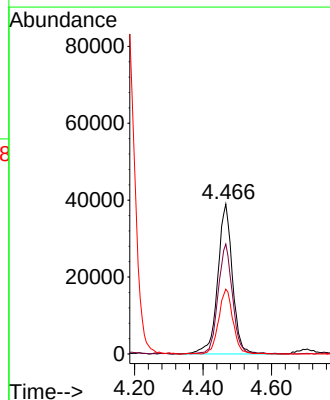
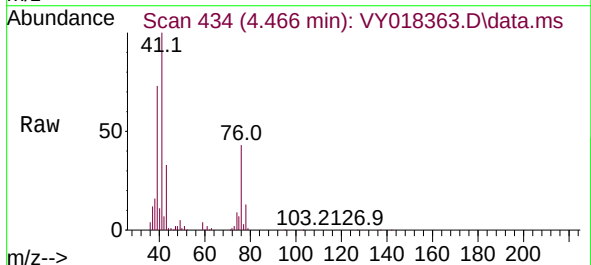
Tgt Ion: 41 Resp: 115732

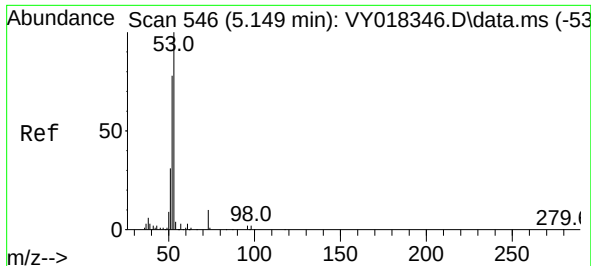
Ion Ratio Lower Upper

41 100

39 71.8 58.3 87.5

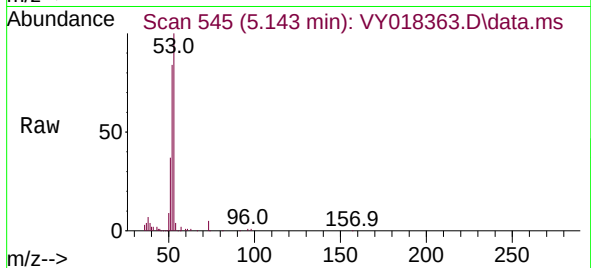
76 41.6 39.0 58.6



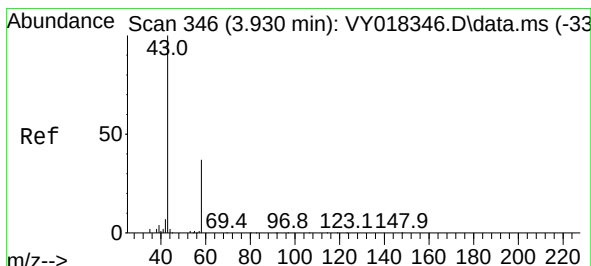
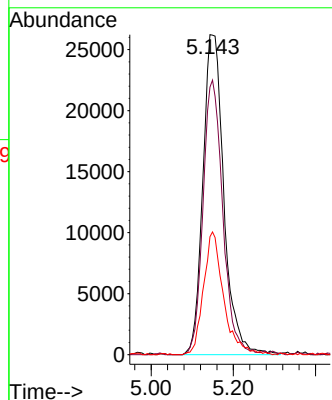
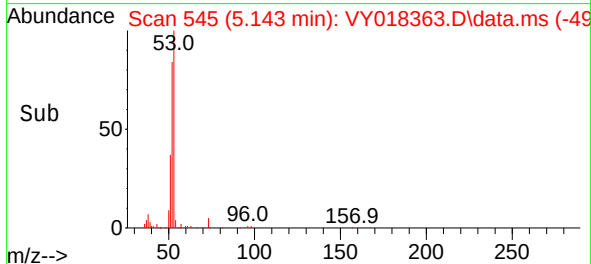


#15
Acrylonitrile
Concen: 272.544 ug/l
RT: 5.143 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :

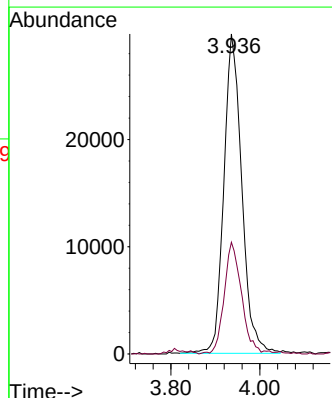
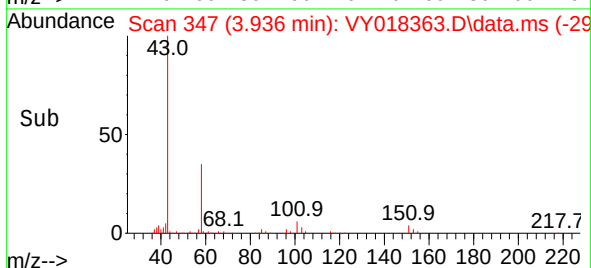
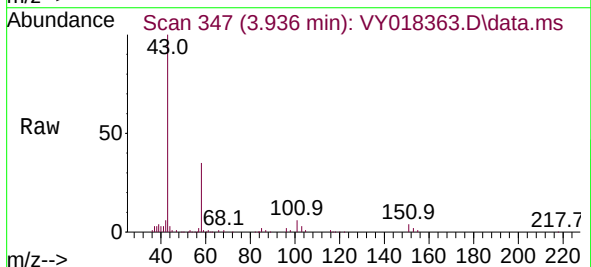


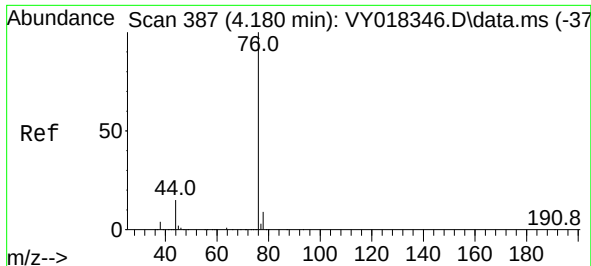
Tgt Ion: 53 Resp: 93033
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 36.7 28.4 42.6



#16
Acetone
Concen: 300.888 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion: 43 Resp: 83217
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5





#17

Carbon Disulfide

Concen: 55.935 ug/l

RT: 4.180 min Scan# 387

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

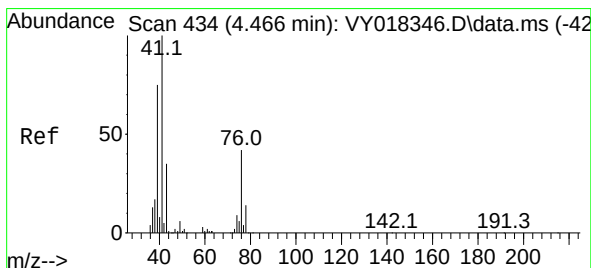
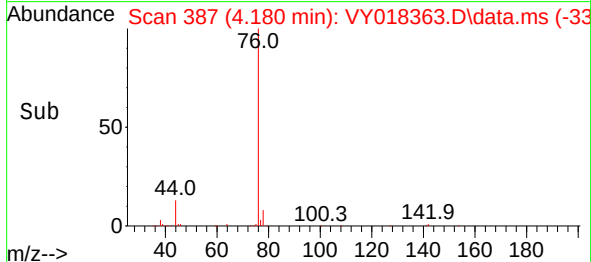
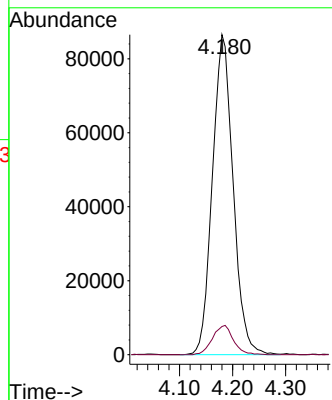
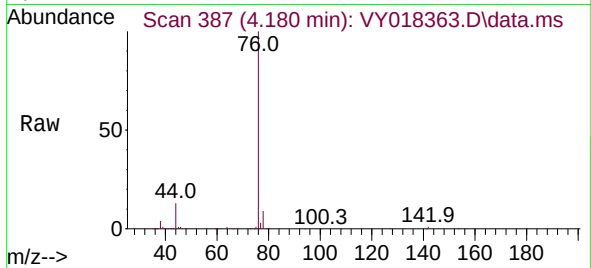
ClientSampleId :

Tgt Ion: 76 Resp: 234577

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 50.483 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018363.D

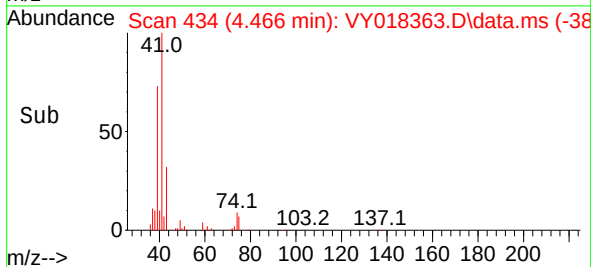
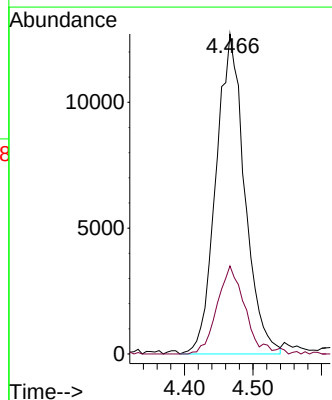
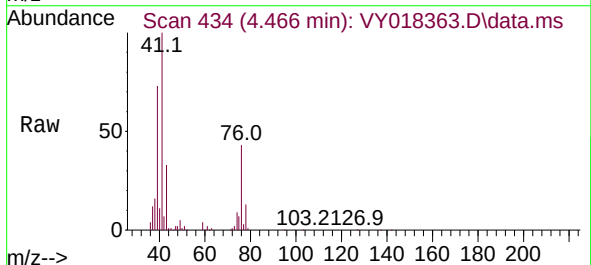
Acq: 24 May 2024 13:50

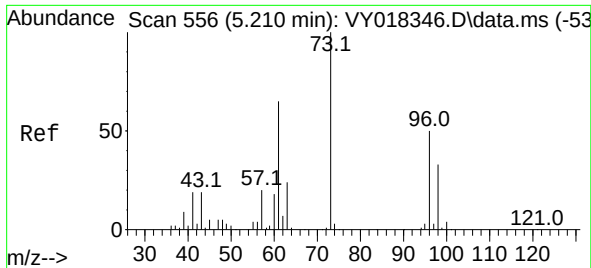
Tgt Ion: 43 Resp: 37007

Ion Ratio Lower Upper

43 100

74 26.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 54.586 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

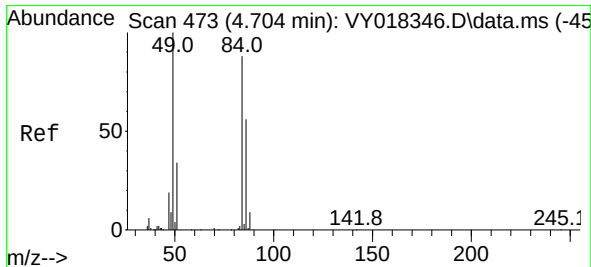
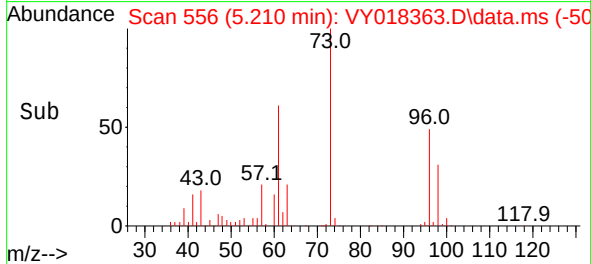
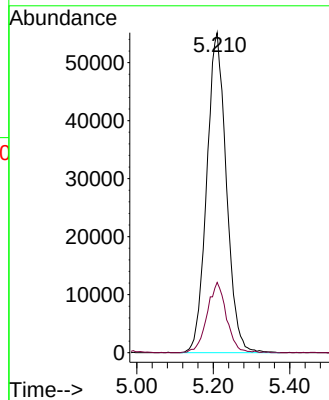
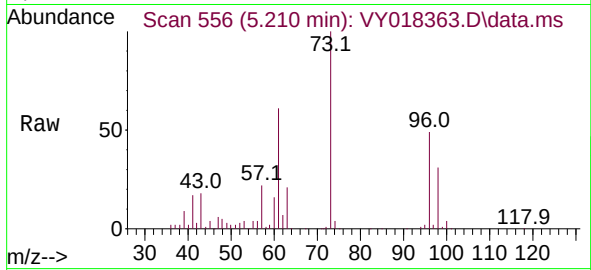
ClientSampleId :

Tgt Ion: 73 Resp: 196566

Ion Ratio Lower Upper

73 100

57 22.0 17.3 25.9



#20

Methylene Chloride

Concen: 56.526 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Tgt Ion: 84 Resp: 89010

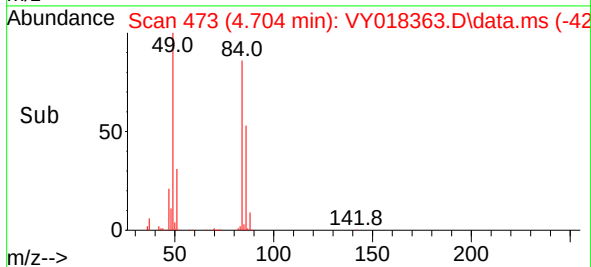
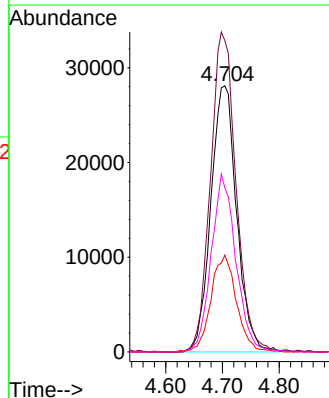
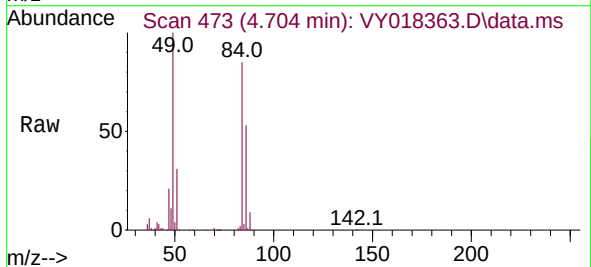
Ion Ratio Lower Upper

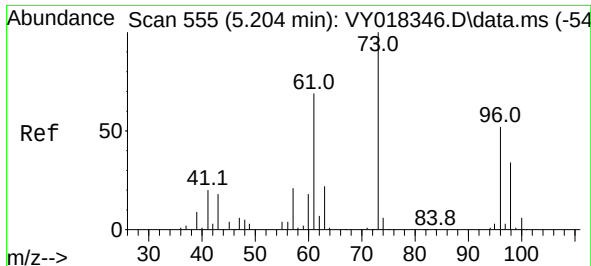
84 100

49 117.0 84.4 126.6

51 36.2 26.0 39.0

86 61.6 49.5 74.3

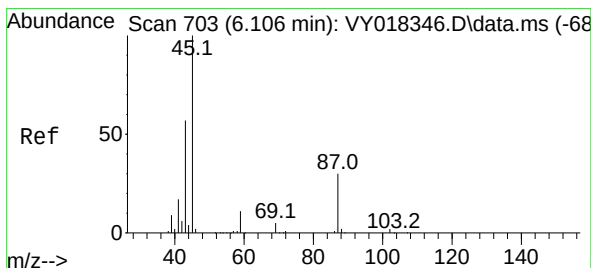
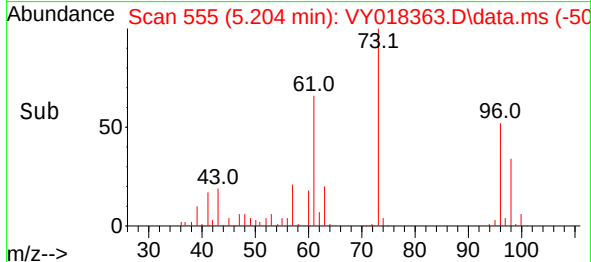
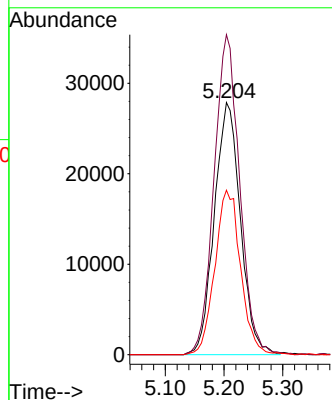
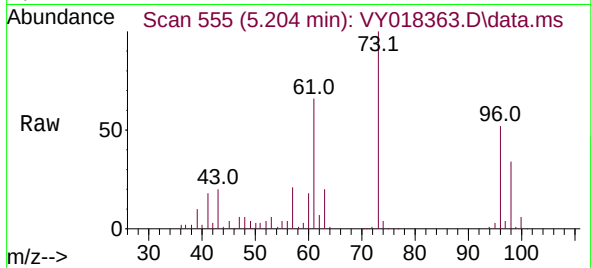




#21
trans-1,2-Dichloroethene
Concen: 54.291 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

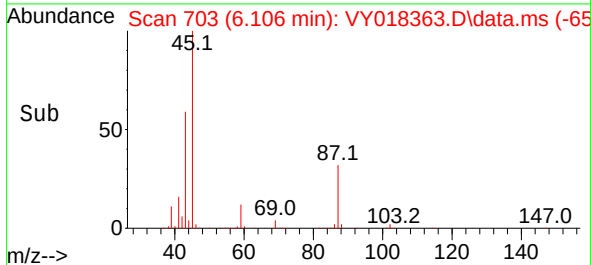
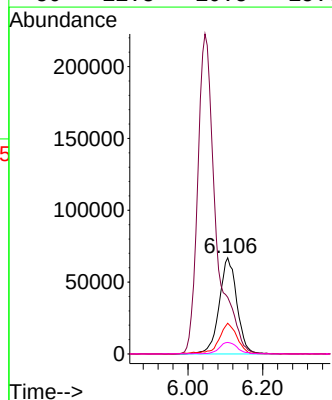
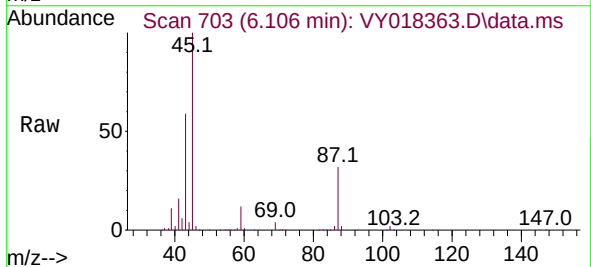
Instrument :
MSVOA_Y
ClientSampleId :

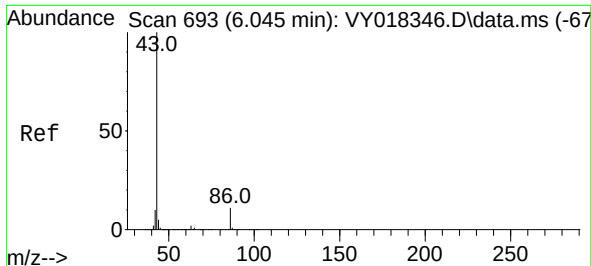
Tgt Ion: 96 Resp: 86011
Ion Ratio Lower Upper
96 100
61 126.9 97.5 146.3
98 65.2 50.5 75.7



#22
Diisopropyl ether
Concen: 50.452 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion: 45 Resp: 219899
Ion Ratio Lower Upper
45 100
43 58.6 42.2 63.2
87 31.9 25.0 37.6
59 11.8 10.5 15.7

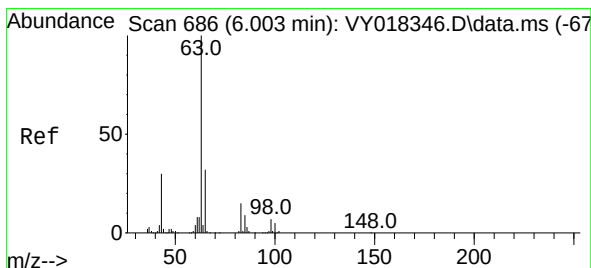
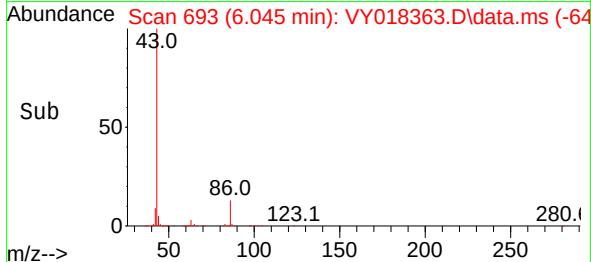
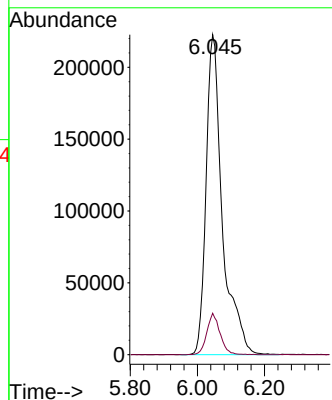
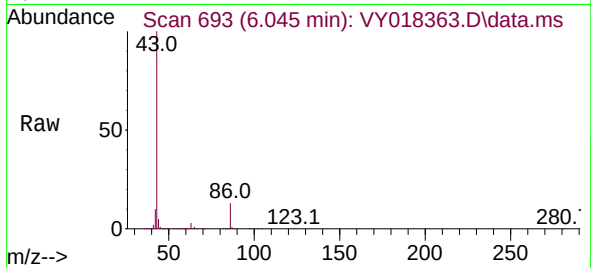




#23
 Vinyl Acetate
 Concen: 268.522 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018363.D
 Acq: 24 May 2024 13:50

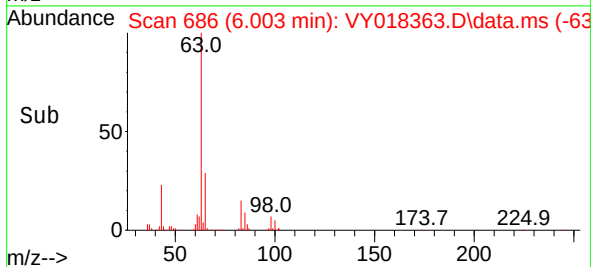
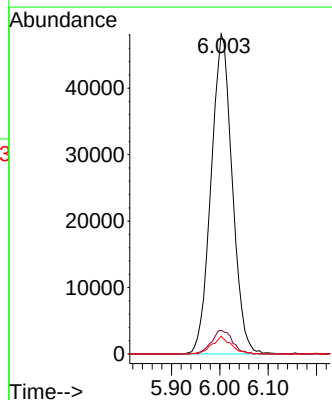
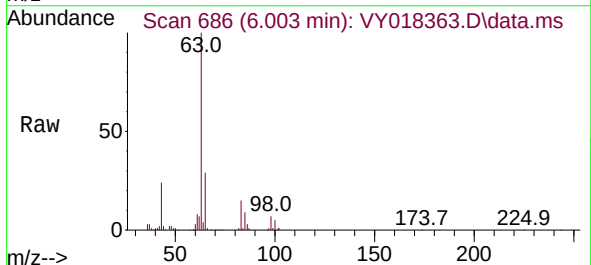
Instrument :
 MSVOA_Y
 ClientSampleId :

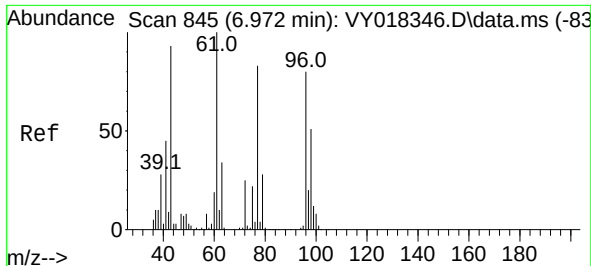
Tgt Ion: 43 Resp: 749415
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 54.702 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018363.D
 Acq: 24 May 2024 13:50

Tgt Ion: 63 Resp: 146218
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 5.5 2.6 8.0





#25

2-Butanone

Concen: 278.689 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

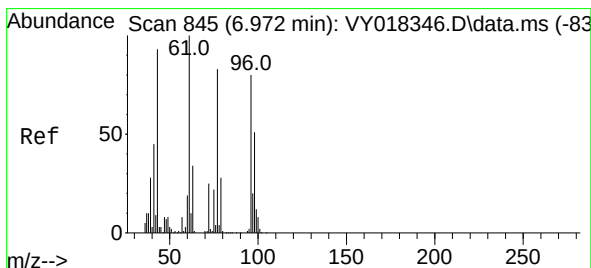
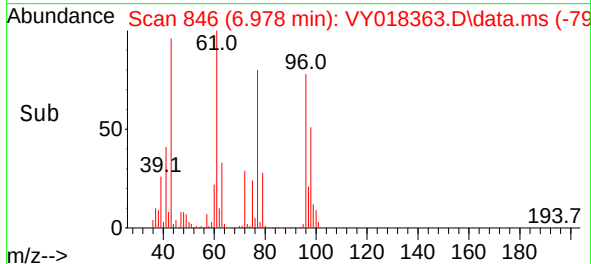
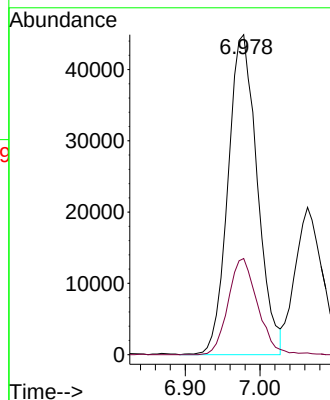
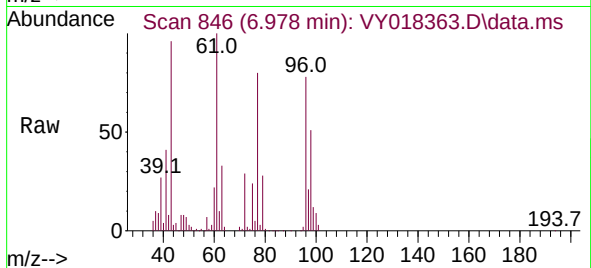
ClientSampleId :

Tgt Ion: 43 Resp: 122144

Ion Ratio Lower Upper

43 100

72 30.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 54.795 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018363.D

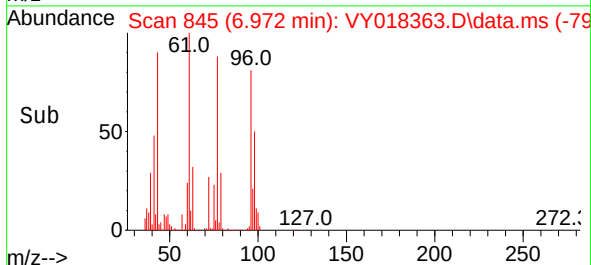
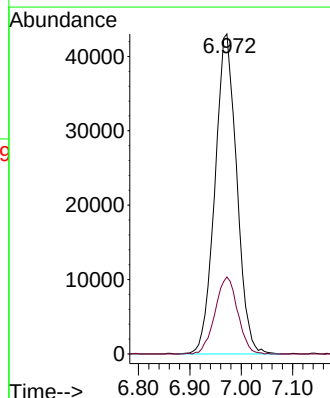
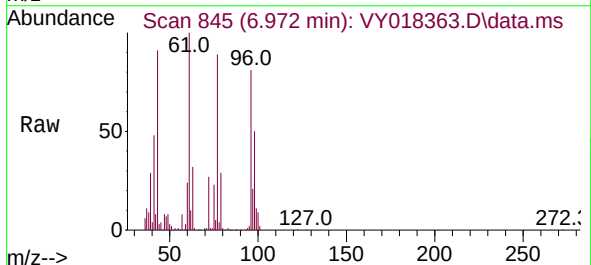
Acq: 24 May 2024 13:50

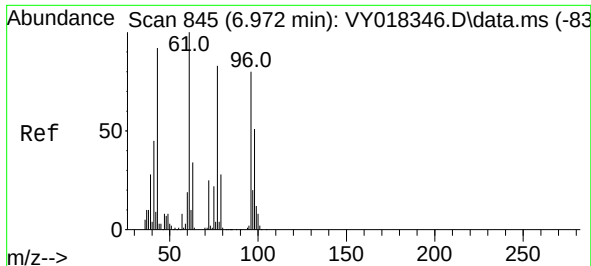
Tgt Ion: 77 Resp: 126614

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1

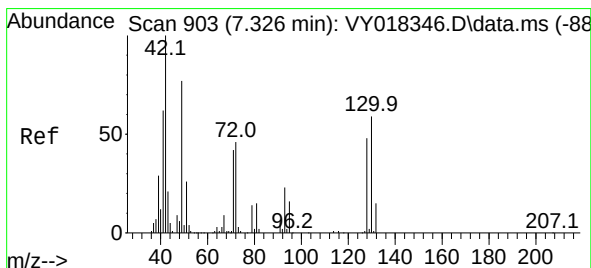
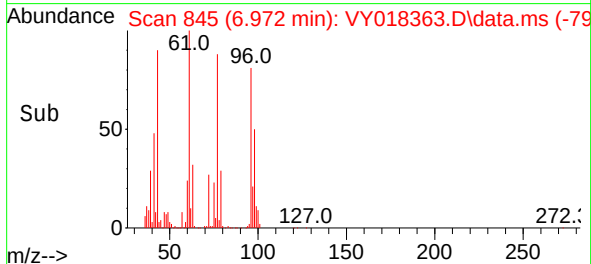
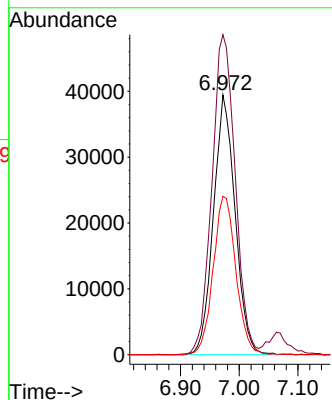
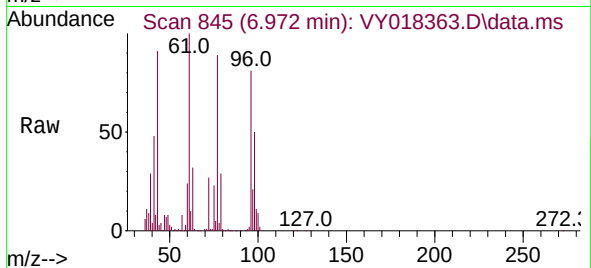




#27
 cis-1,2-Dichloroethene
 Concen: 54.286 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY018363.D
 Acq: 24 May 2024 13:50

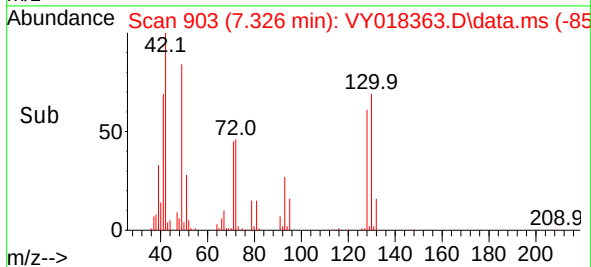
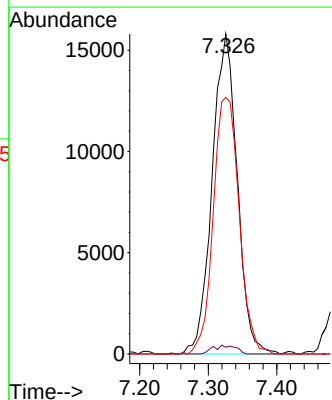
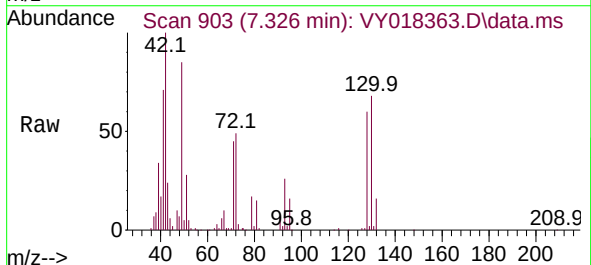
Instrument :
 MSVOA_Y
 ClientSampleId :

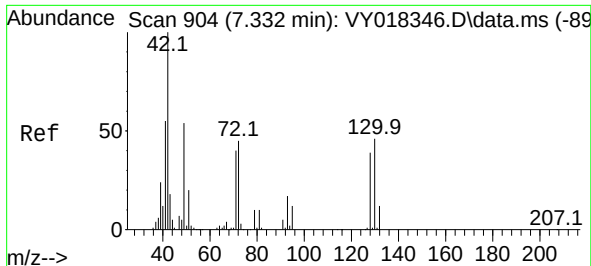
Tgt Ion: 96 Resp: 101061
 Ion Ratio Lower Upper
 96 100
 61 132.3 0.0 256.2
 98 64.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 44.217 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY018363.D
 Acq: 24 May 2024 13:50

Tgt Ion: 49 Resp: 40142
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 82.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 258.313 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

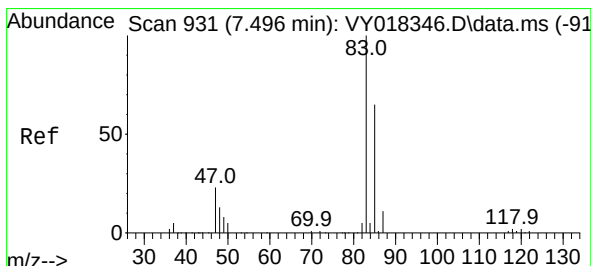
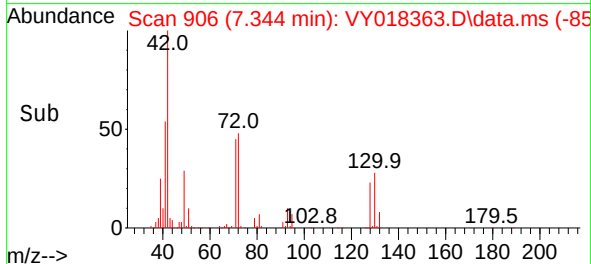
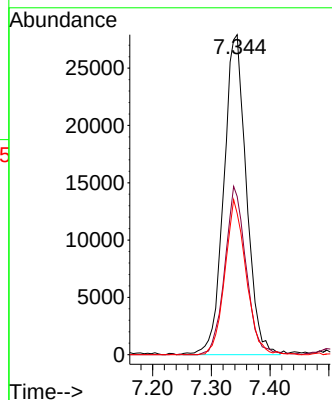
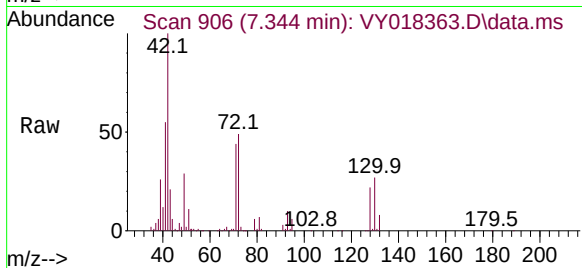
Tgt Ion: 42 Resp: 74518

Ion Ratio Lower Upper

42 100

72 49.6 43.0 64.4

71 45.3 40.8 61.2



#30

Chloroform

Concen: 53.404 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018363.D

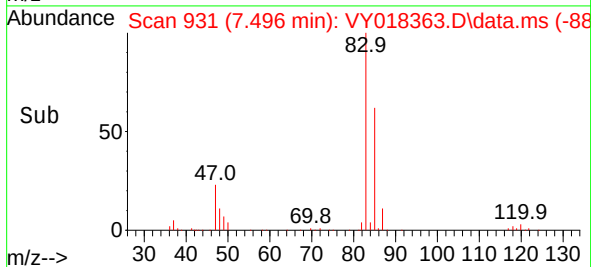
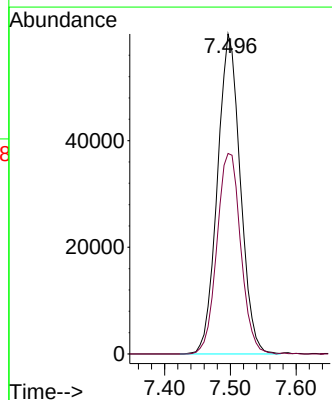
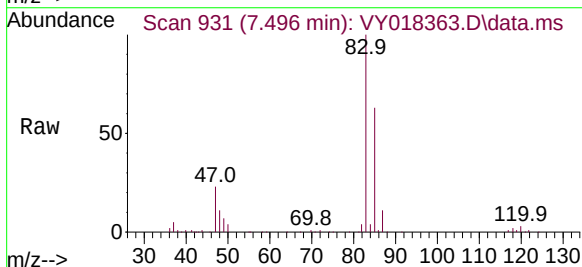
Acq: 24 May 2024 13:50

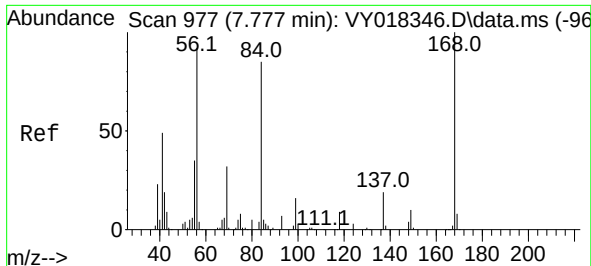
Tgt Ion: 83 Resp: 145500

Ion Ratio Lower Upper

83 100

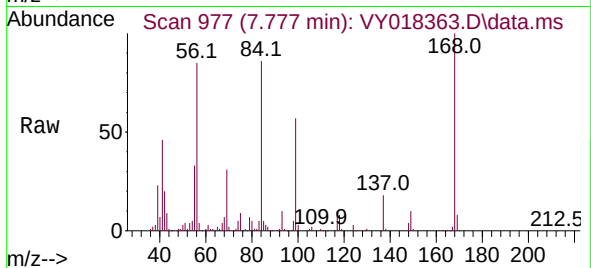
85 62.7 52.2 78.4



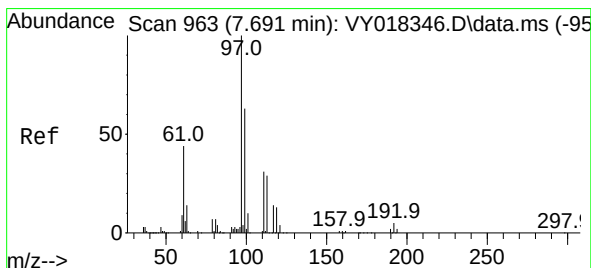
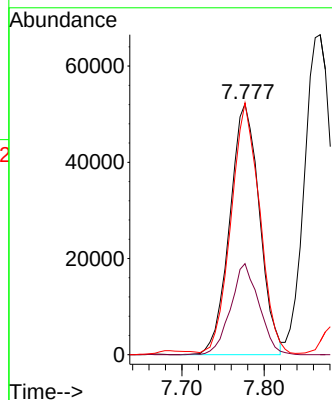
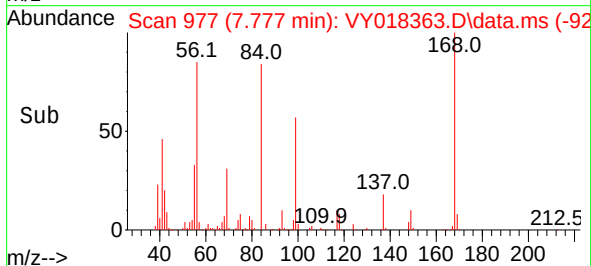


#31
Cyclohexane
Concen: 55.567 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

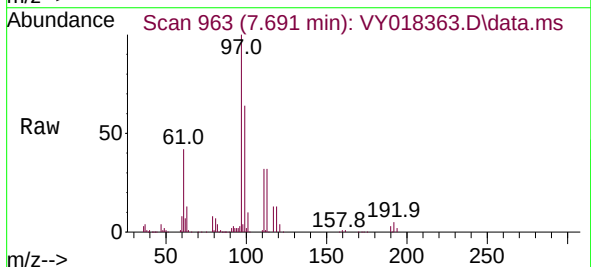
Instrument :
MSVOA_Y
ClientSampleId :



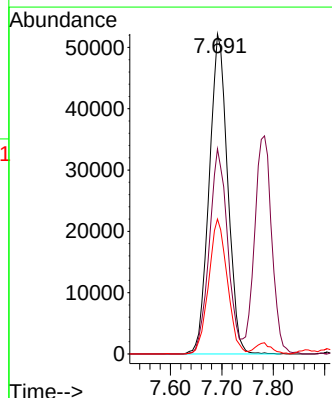
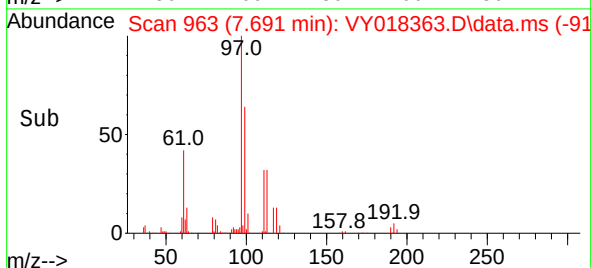
Tgt Ion: 56 Resp: 130938
Ion Ratio Lower Upper
56 100
69 36.3 28.7 43.1
84 98.9 77.7 116.5

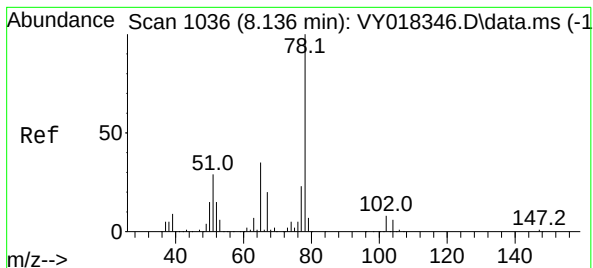


#32
1,1,1-Trichloroethane
Concen: 54.289 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50



Tgt Ion: 97 Resp: 129824
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 42.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.660 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

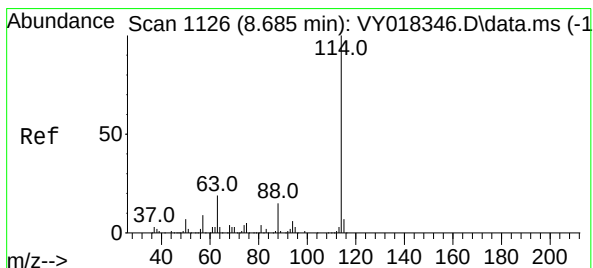
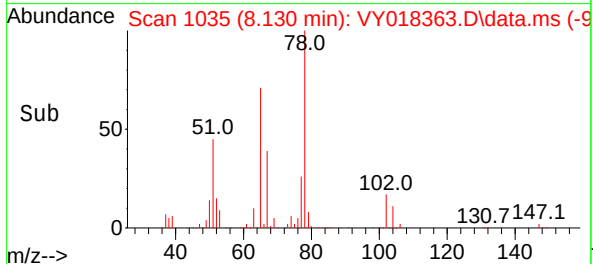
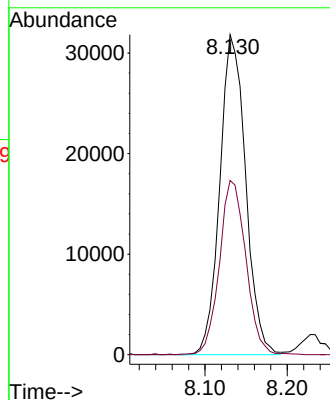
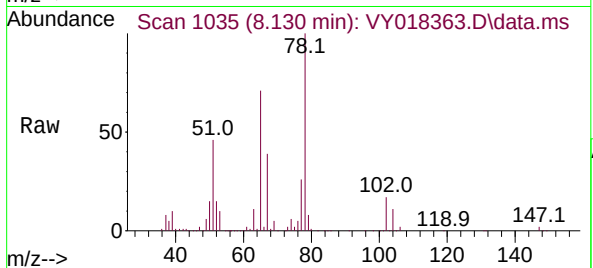
ClientSampleId :

Tgt Ion: 65 Resp: 69467

Ion Ratio Lower Upper

65 100

67 55.8 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: VY018363.D

Acq: 24 May 2024 13:50

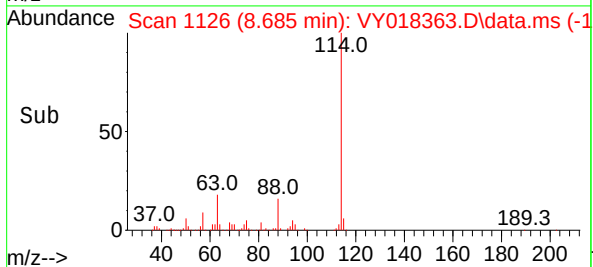
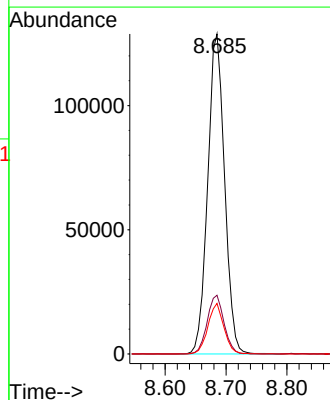
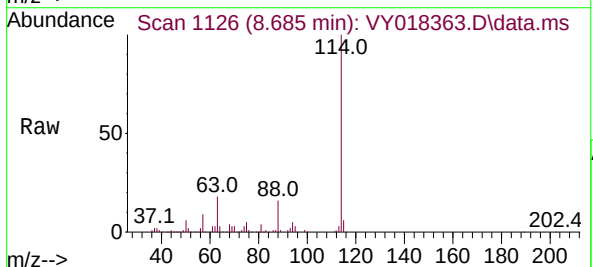
Tgt Ion: 114 Resp: 247983

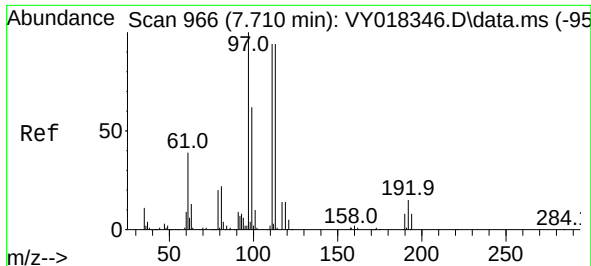
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.548 ug/l

RT: 7.710 min Scan# 9

Delta R.T. 0.000 min

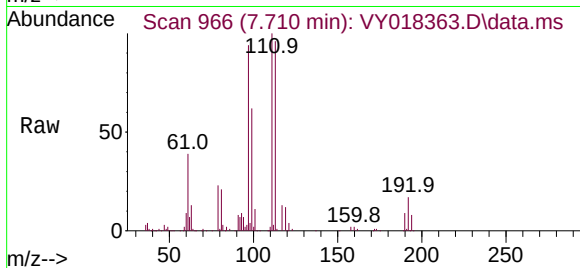
Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :



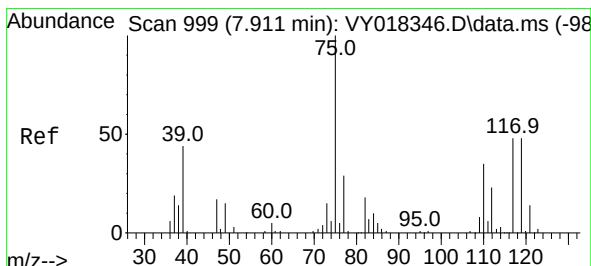
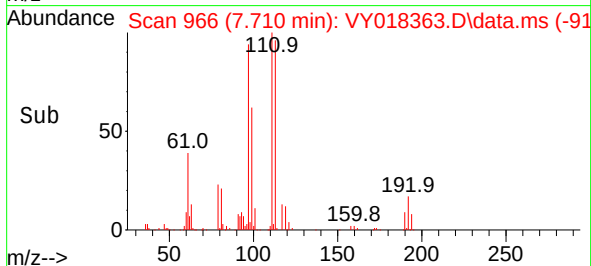
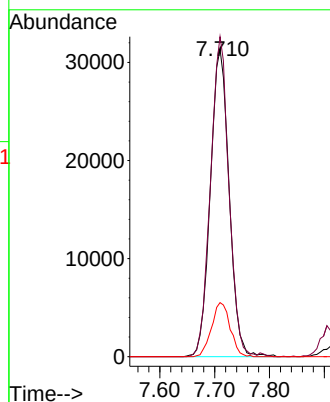
Tgt Ion:113 Resp: 74544

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 17.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 52.989 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

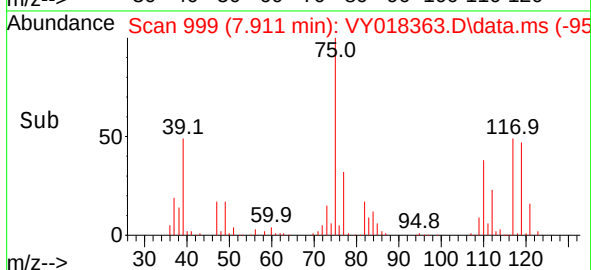
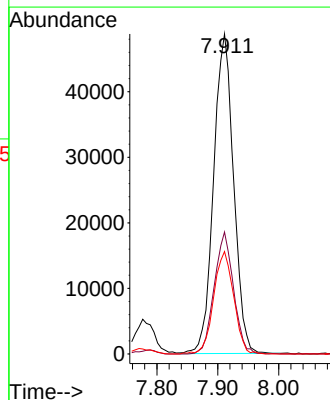
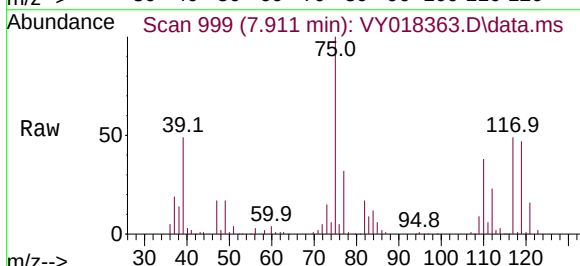
Tgt Ion: 75 Resp: 111127

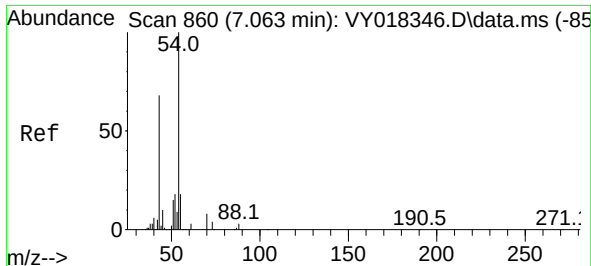
Ion Ratio Lower Upper

75 100

110 36.8 19.0 57.0

77 32.2 25.3 37.9





#37

Ethyl Acetate

Concen: 53.885 ug/l

RT: 7.064 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

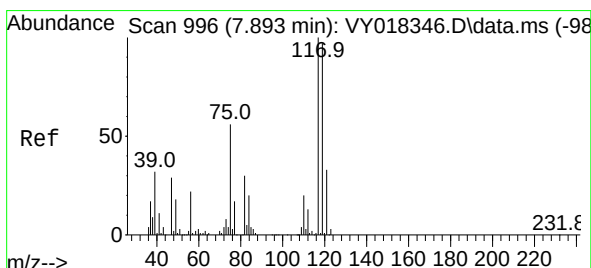
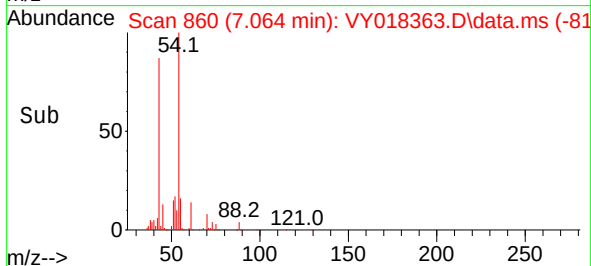
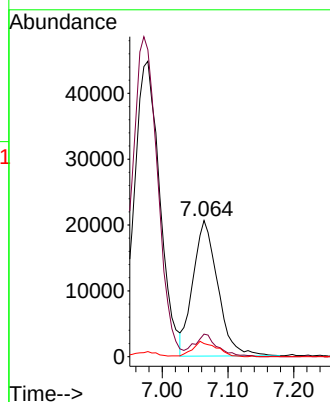
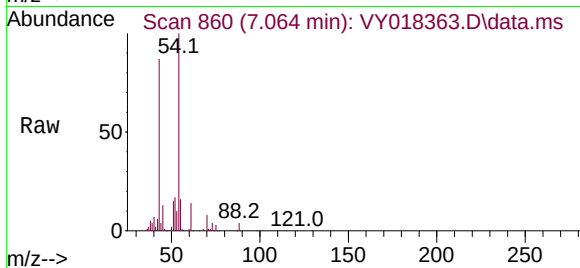
Tgt Ion: 43 Resp: 54059

Ion Ratio Lower Upper

43 100

61 15.4 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 52.103 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

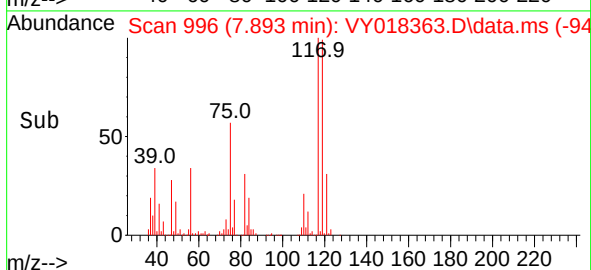
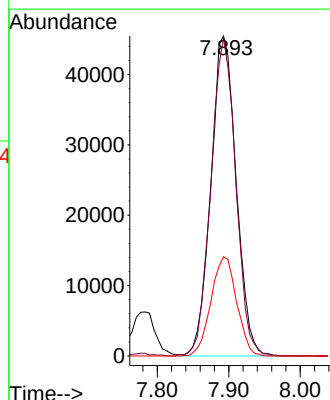
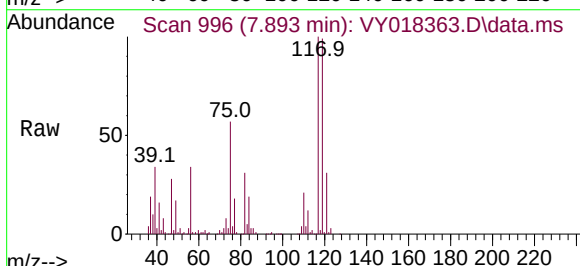
Tgt Ion: 117 Resp: 111916

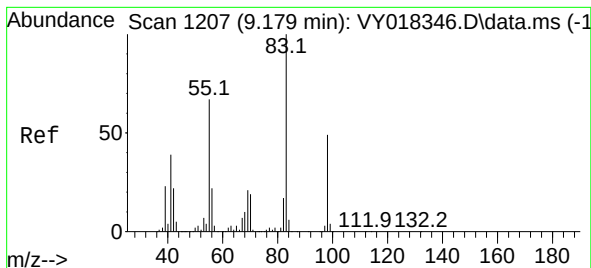
Ion Ratio Lower Upper

117 100

119 99.3 75.8 113.6

121 31.0 24.0 36.0





#39

Methylcyclohexane

Concen: 52.206 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

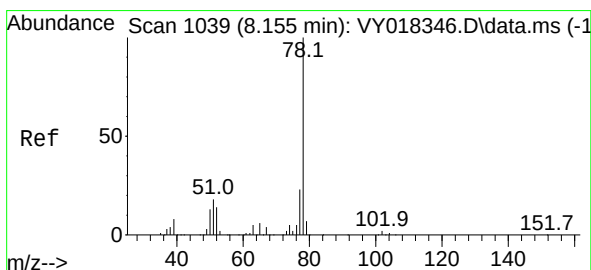
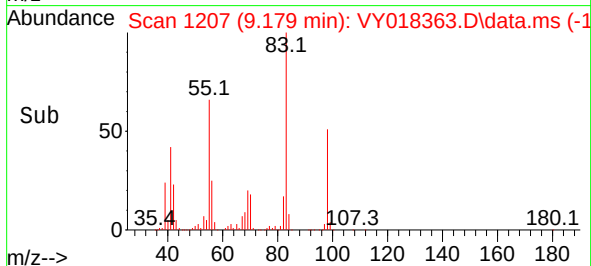
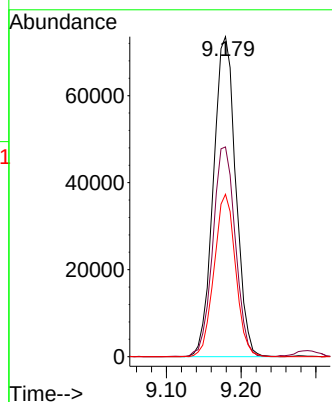
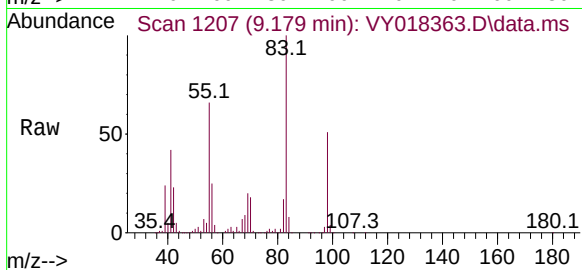
Tgt Ion: 83 Resp: 152730

Ion Ratio Lower Upper

83 100

55 65.4 51.5 77.3

98 50.8 40.5 60.7



#40

Benzene

Concen: 52.177 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018363.D

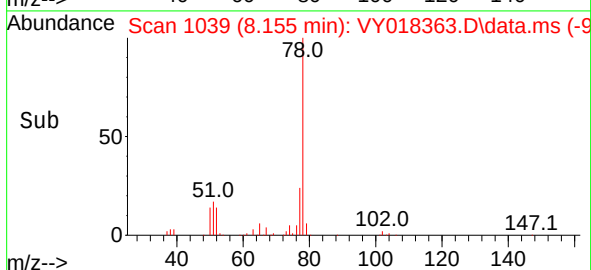
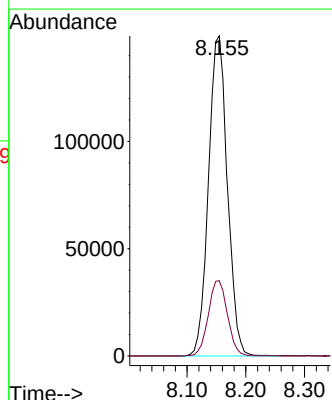
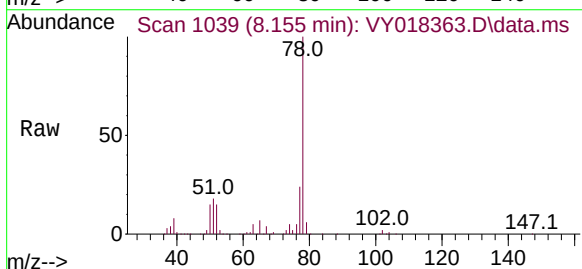
Acq: 24 May 2024 13:50

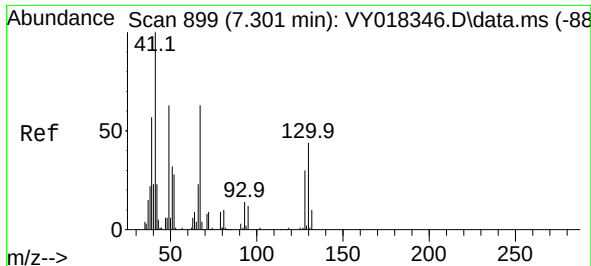
Tgt Ion: 78 Resp: 333578

Ion Ratio Lower Upper

78 100

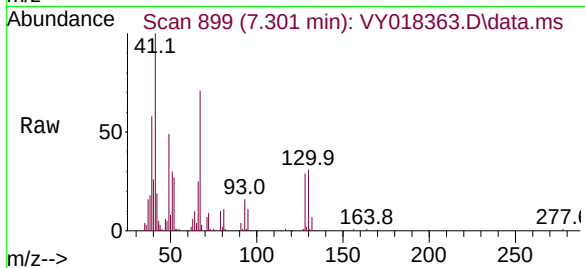
77 23.5 19.5 29.3



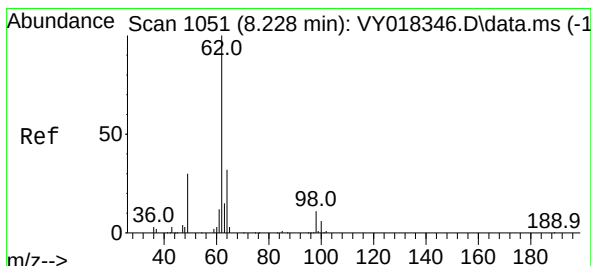
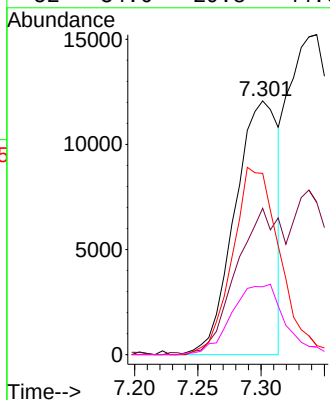
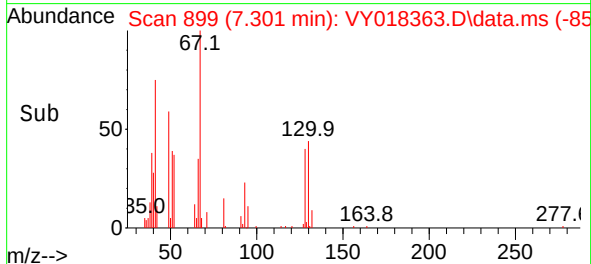


#41
Methacrylonitrile
Concen: 57.217 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

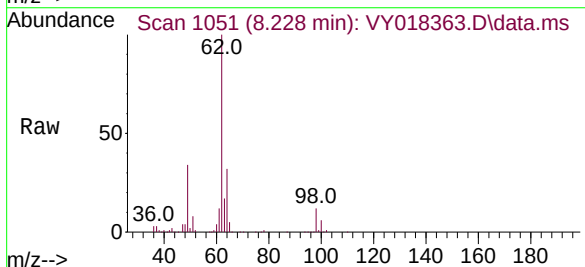
Instrument :
MSVOA_Y
ClientSampleId :



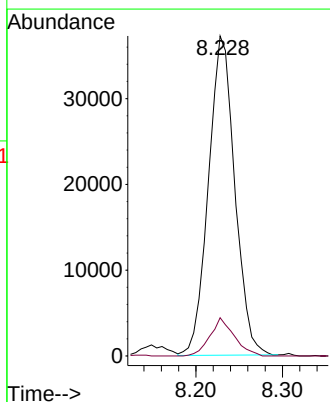
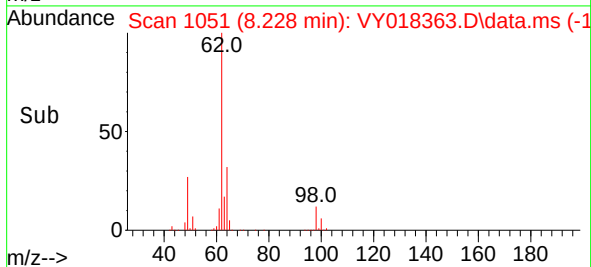
Tgt Ion:	41	Resp:	28653
Ion	Ratio	Lower	Upper
41	100		
39	62.6	48.0	72.0
67	82.0	75.1	112.7
52	34.6	29.8	44.6

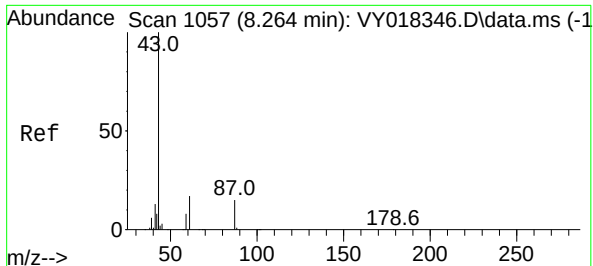


#42
1,2-Dichloroethane
Concen: 51.160 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50



Tgt Ion:	62	Resp:	78676
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 52.493 ug/l

RT: 8.265 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

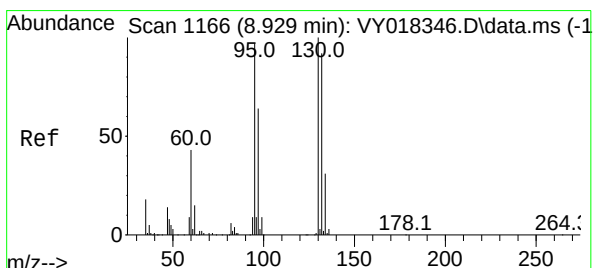
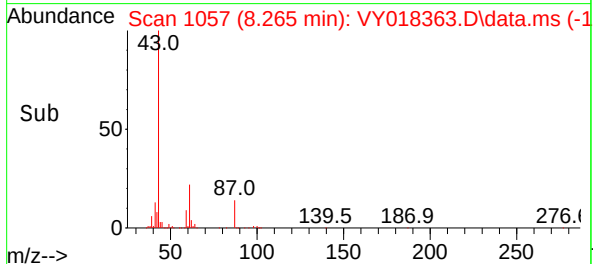
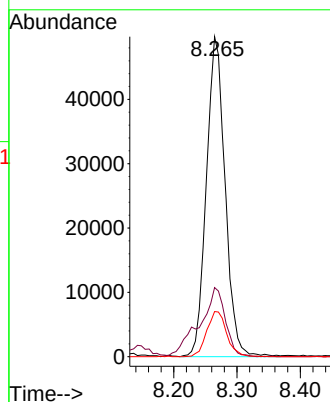
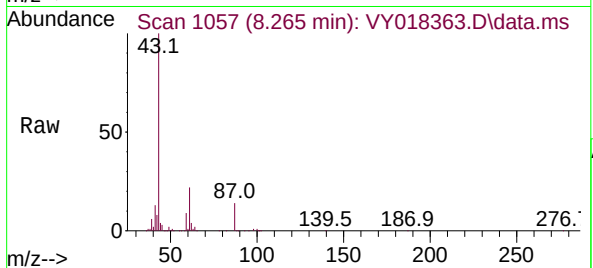
Tgt Ion: 43 Resp: 102752

Ion Ratio Lower Upper

43 100

61 29.7 27.9 41.9

87 15.0 13.1 19.7



#44

Trichloroethene

Concen: 51.823 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VY018363.D

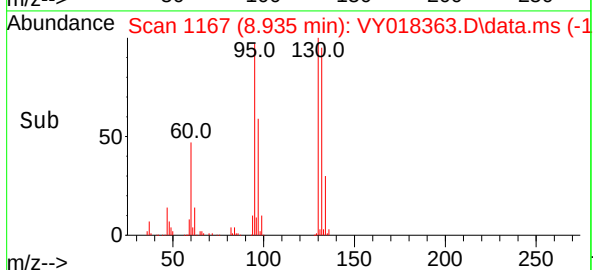
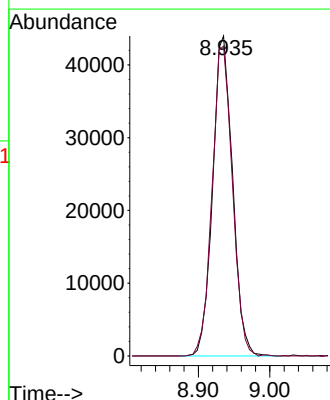
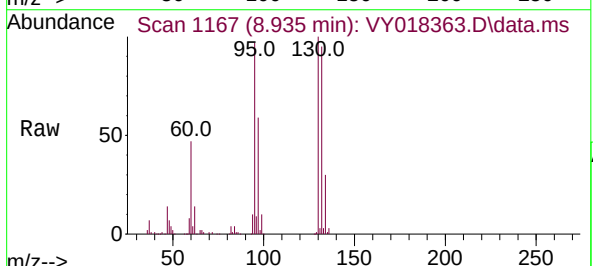
Acq: 24 May 2024 13:50

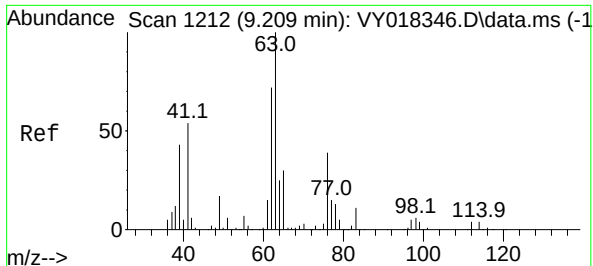
Tgt Ion:130 Resp: 84924

Ion Ratio Lower Upper

130 100

95 96.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 52.811 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

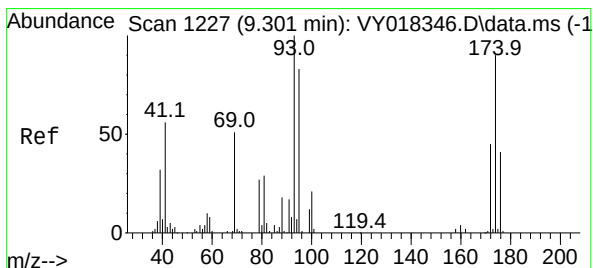
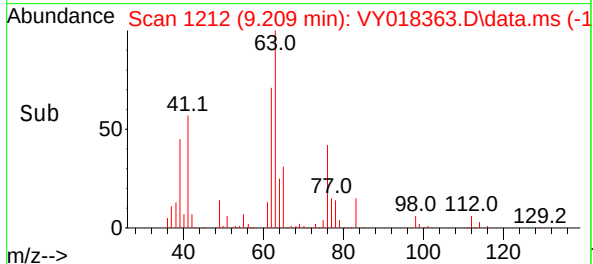
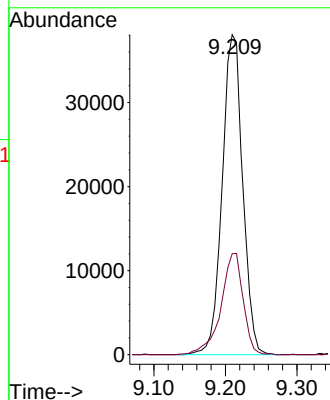
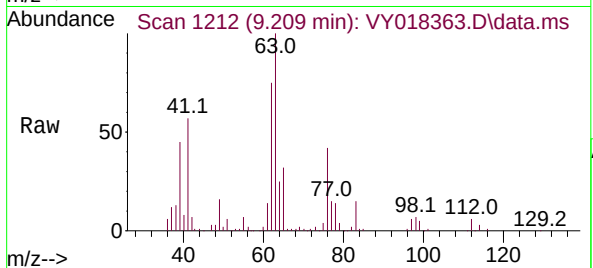
ClientSampleId :

Tgt Ion: 63 Resp: 75936

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 52.257 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

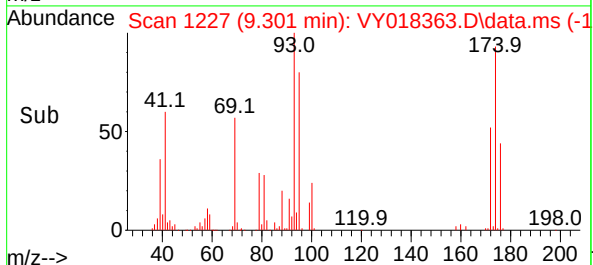
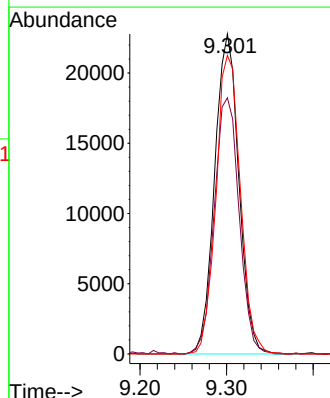
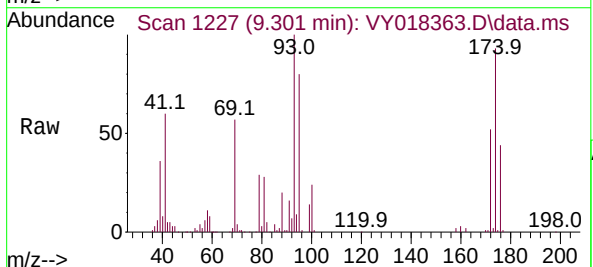
Tgt Ion: 93 Resp: 44091

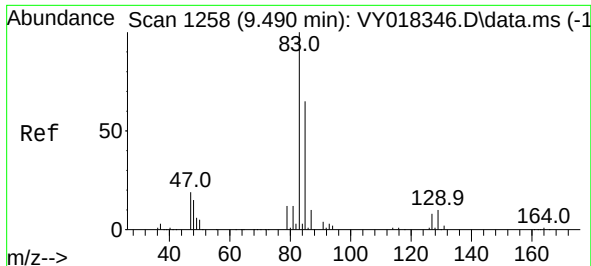
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

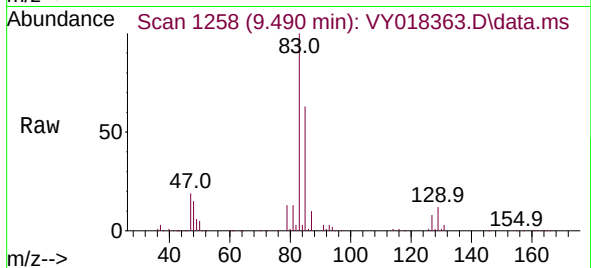
174 94.2 80.9 121.3



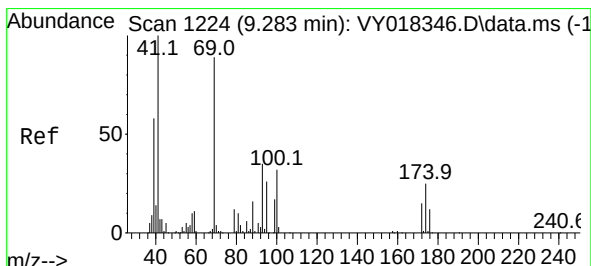
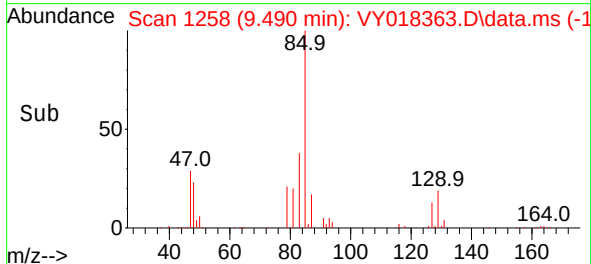
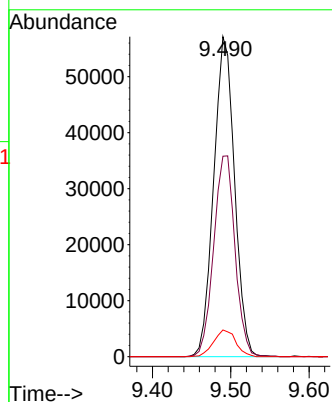


#47
Bromodichloromethane
Concen: 51.716 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :

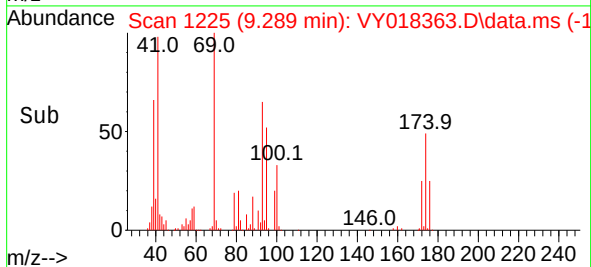
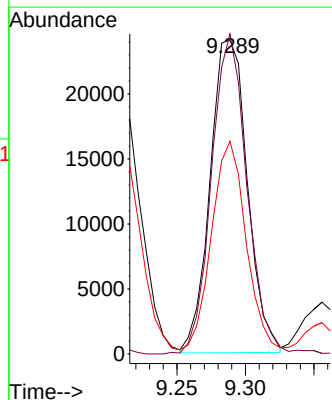
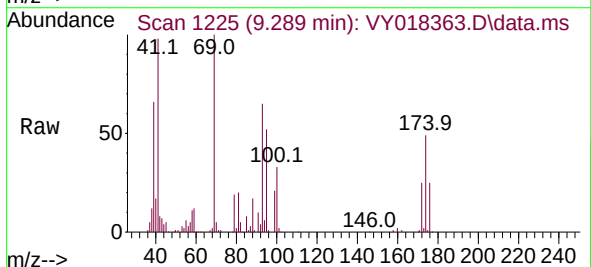


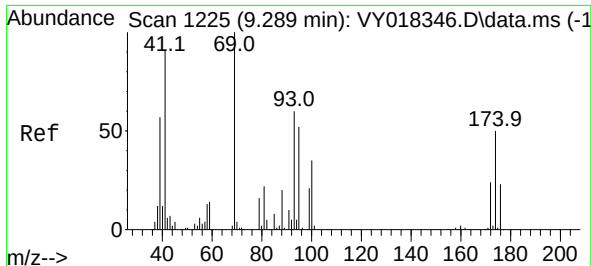
Tgt Ion: 83 Resp: 105897
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 51.434 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

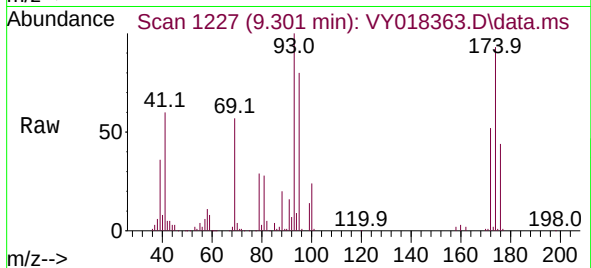
Tgt Ion: 41 Resp: 45541
Ion Ratio Lower Upper
41 100
69 97.4 84.1 126.1
39 61.4 43.6 65.4



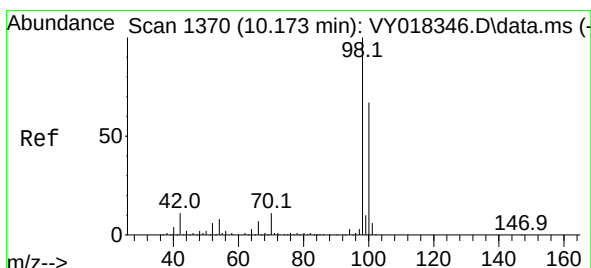
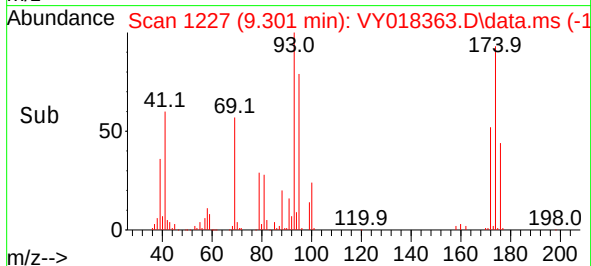
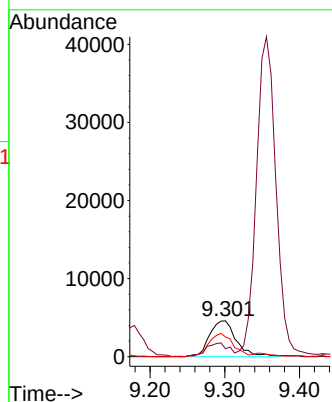


#49
1,4-Dioxane
Concen: 1043.659 ug/l
RT: 9.301 min Scan# 11425
Delta R.T. 0.012 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :

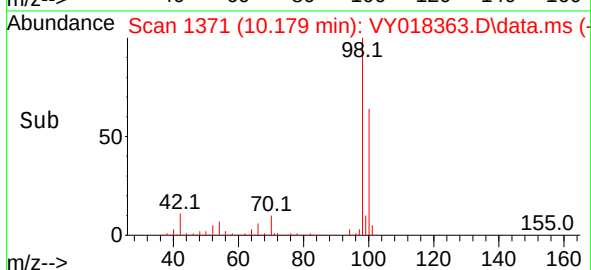
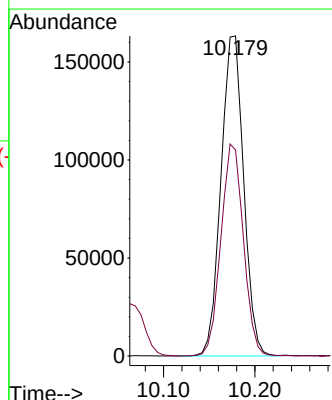
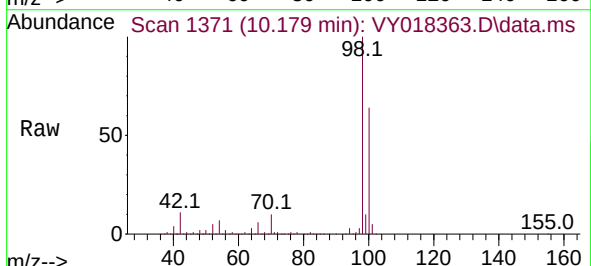


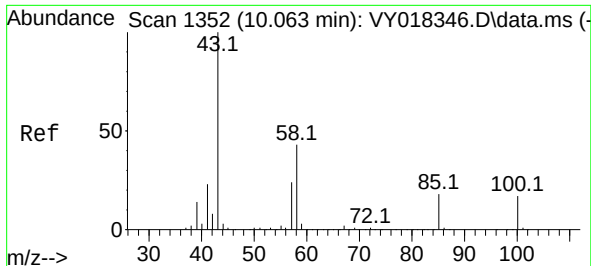
Tgt Ion: 88 Resp: 11425
Ion Ratio Lower Upper
88 100
43 32.5 0.0 0.0#
58 59.1 49.3 73.9



#50
Toluene-d8
Concen: 50.032 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion: 98 Resp: 282089
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 256.226 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

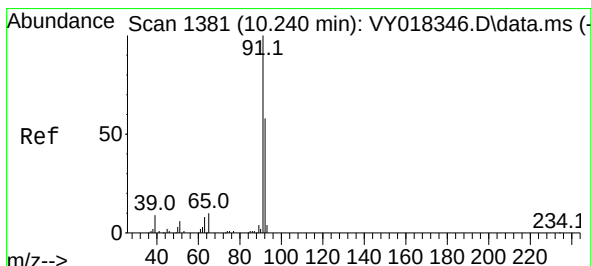
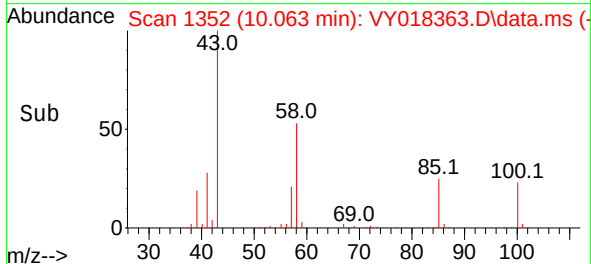
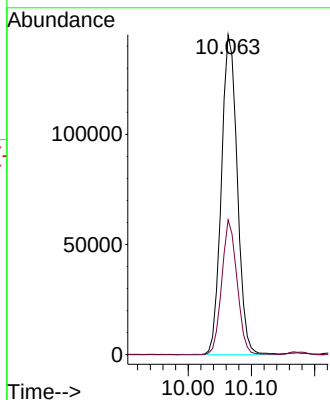
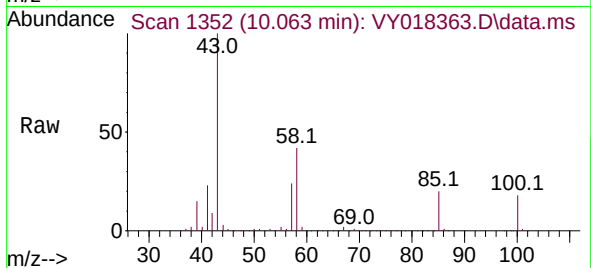
ClientSampleId :

Tgt Ion: 43 Resp: 253125

Ion Ratio Lower Upper

43 100

58 40.5 35.7 53.5



#52

Toluene

Concen: 51.309 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018363.D

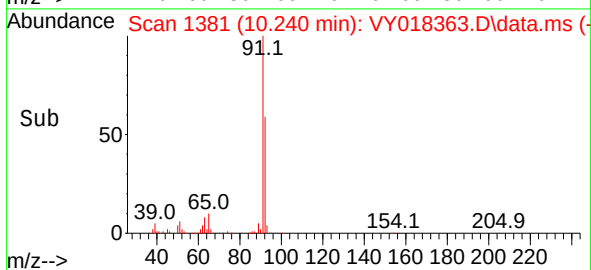
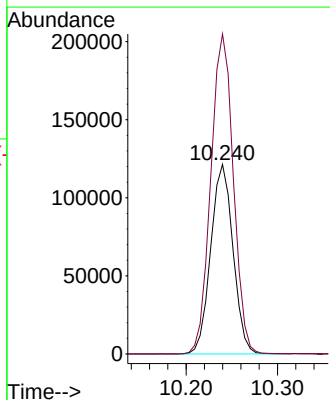
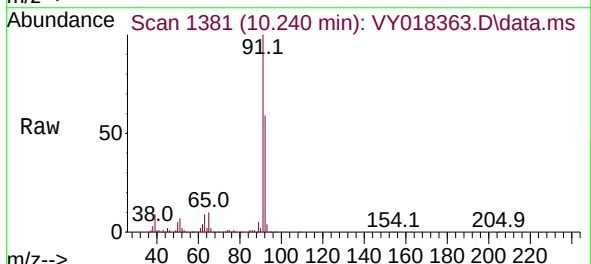
Acq: 24 May 2024 13:50

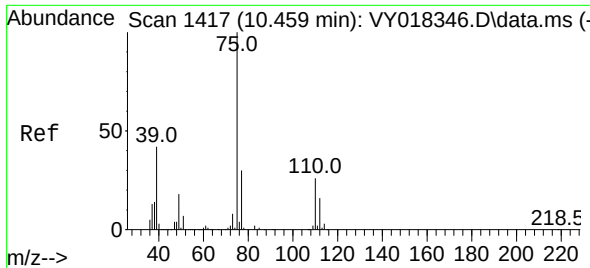
Tgt Ion: 92 Resp: 205628

Ion Ratio Lower Upper

92 100

91 170.7 139.0 208.6

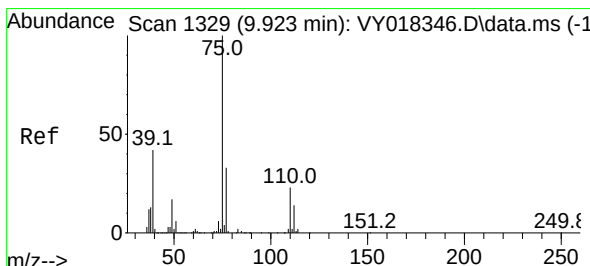
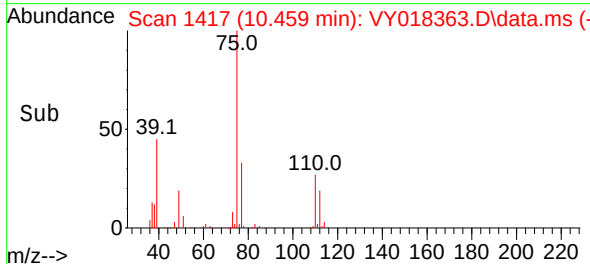
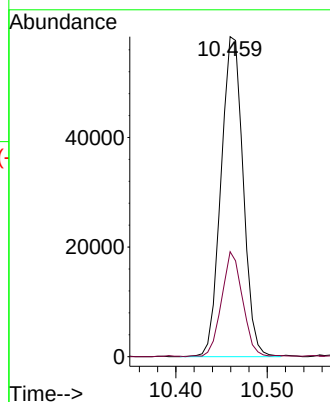
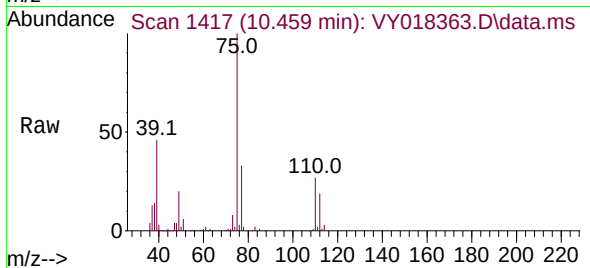




#53
 t-1,3-Dichloropropene
 Concen: 52.697 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018363.D
 Acq: 24 May 2024 13:50

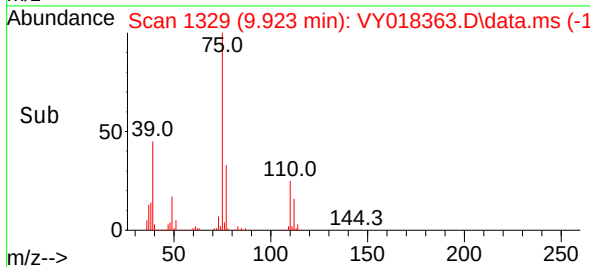
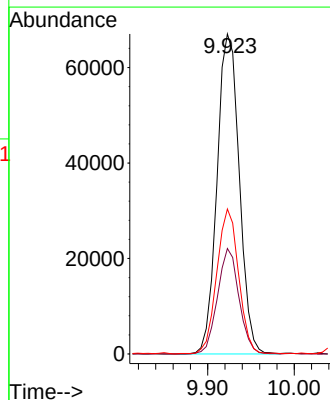
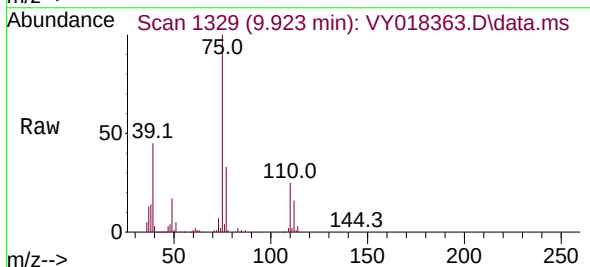
Instrument :
 MSVOA_Y
 ClientSampleId :

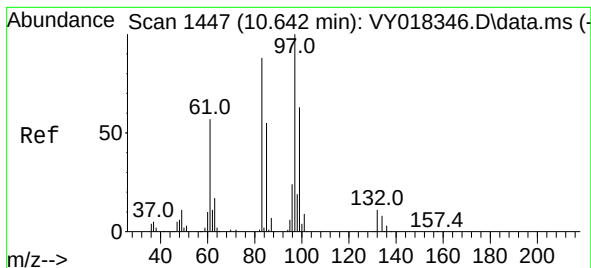
Tgt Ion: 75 Resp: 98653
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.156 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018363.D
 Acq: 24 May 2024 13:50

Tgt Ion: 75 Resp: 119641
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0
 39 45.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 50.884 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 56878

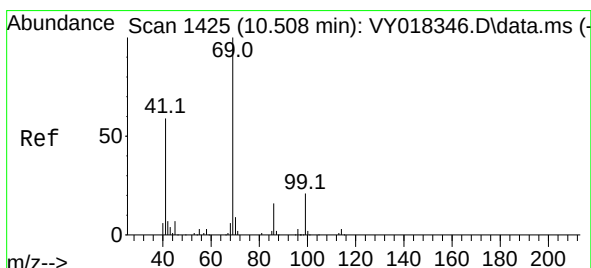
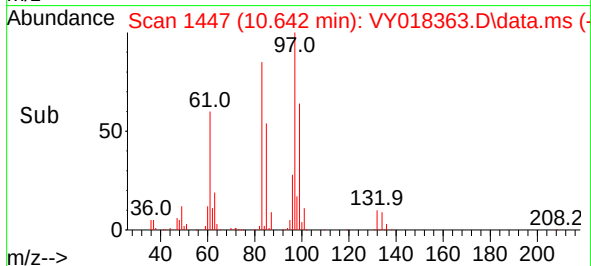
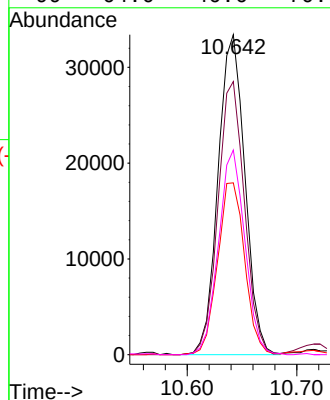
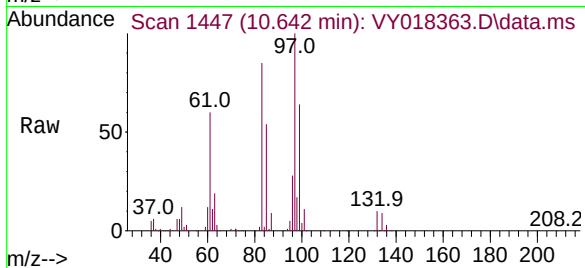
Ion Ratio Lower Upper

97 100

83 85.3 67.5 101.3

85 53.7 42.9 64.3

99 64.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 51.678 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

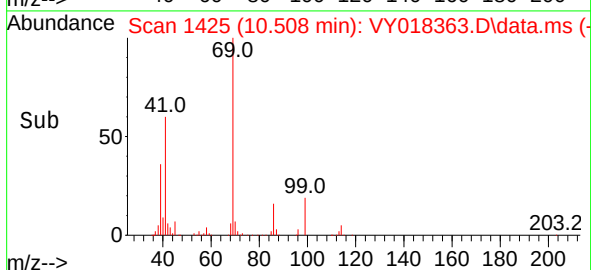
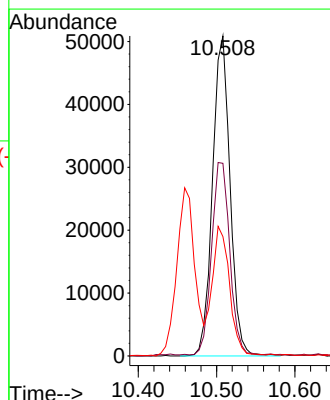
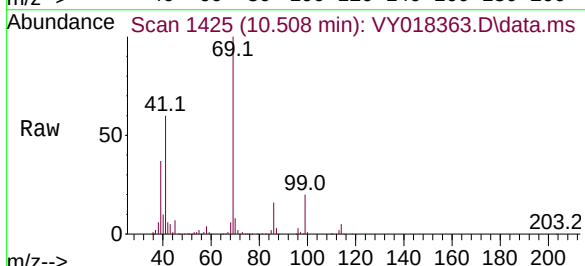
Tgt Ion: 69 Resp: 79234

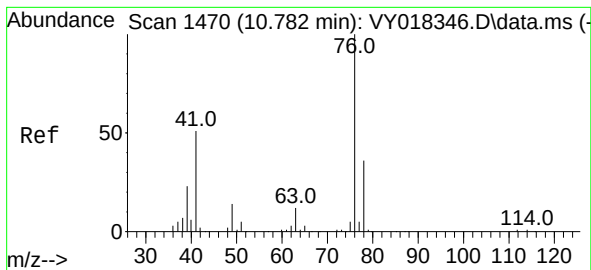
Ion Ratio Lower Upper

69 100

41 61.9 42.3 63.5

39 39.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 50.326 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

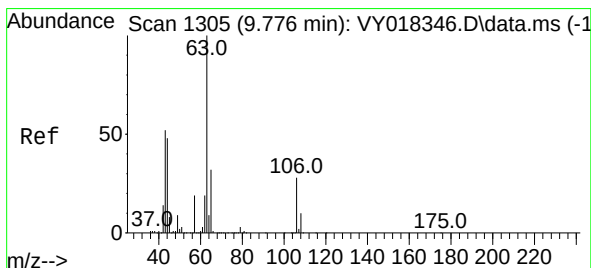
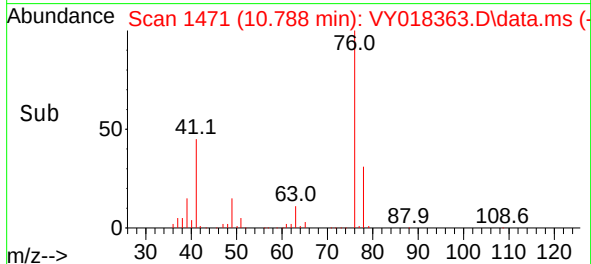
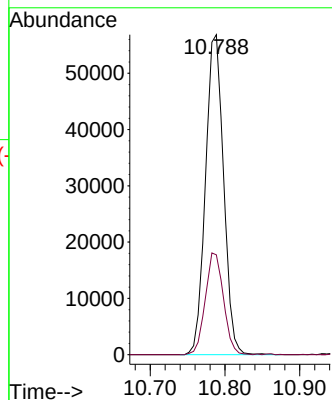
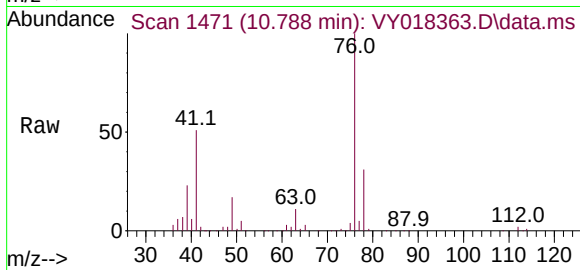
ClientSampleId :

Tgt Ion: 76 Resp: 95348

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 266.741 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018363.D

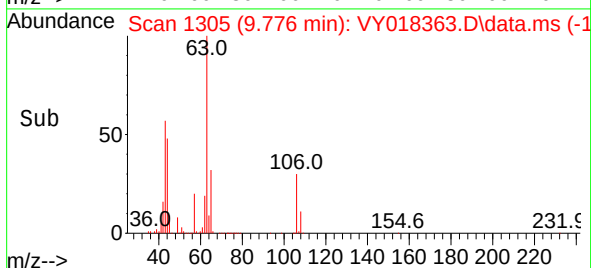
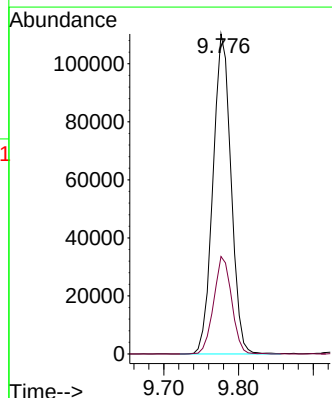
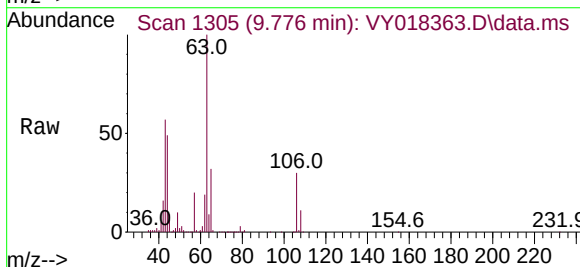
Acq: 24 May 2024 13:50

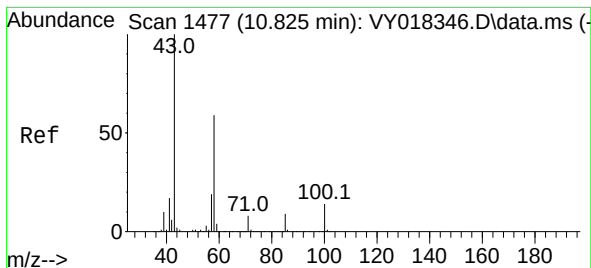
Tgt Ion: 63 Resp: 184799

Ion Ratio Lower Upper

63 100

106 30.2 23.7 35.5

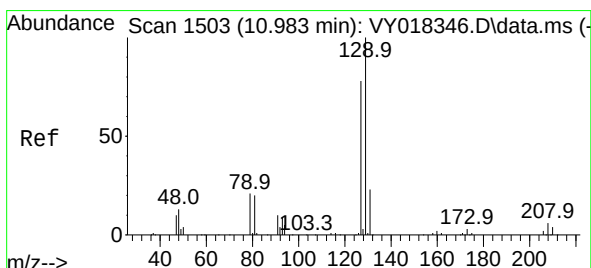
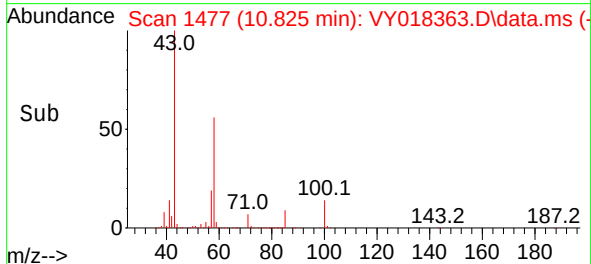
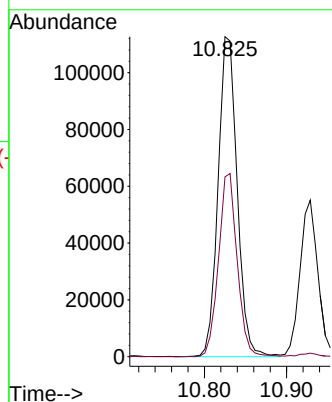
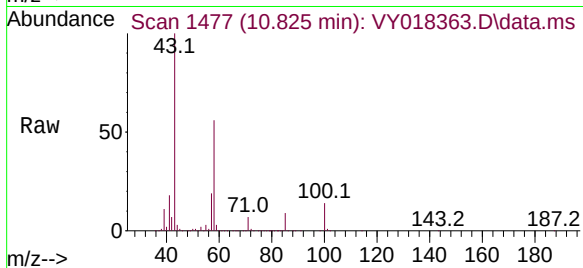




#59
2-Hexanone
Concen: 267.388 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

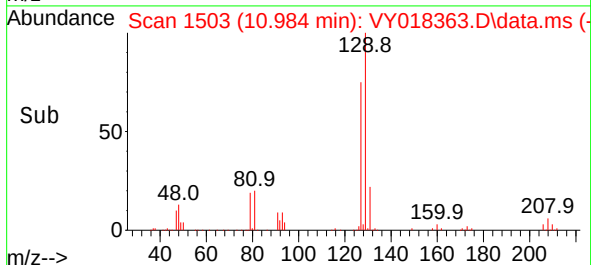
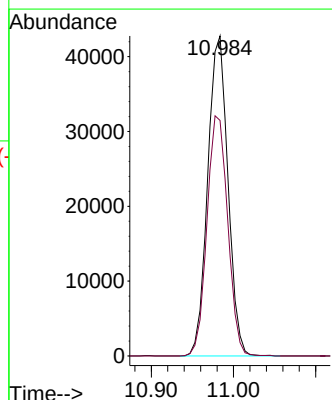
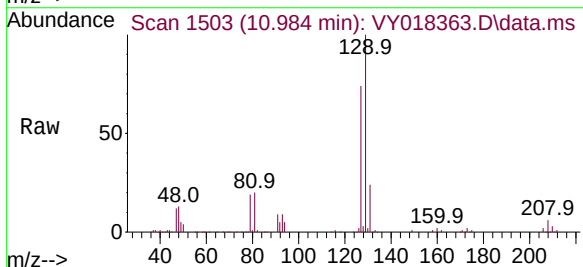
Instrument :
MSVOA_Y
ClientSampleId :

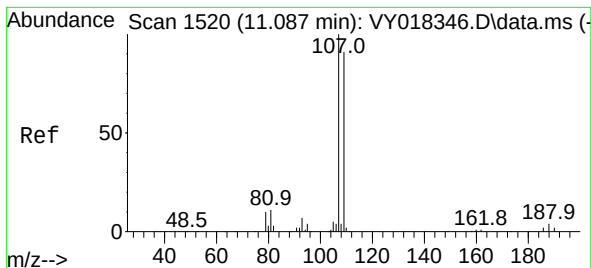
Tgt Ion: 43 Resp: 181761
Ion Ratio Lower Upper
43 100
58 56.0 31.4 94.0



#60
Dibromochloromethane
Concen: 54.047 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion:129 Resp: 72971
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 52.259 ug/l

RT: 11.081 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

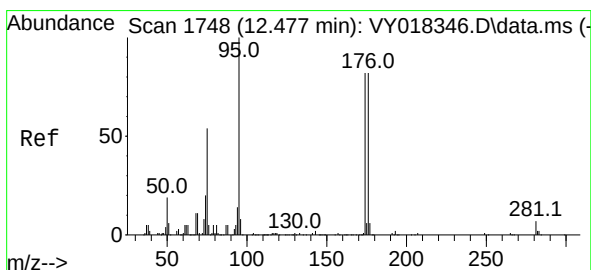
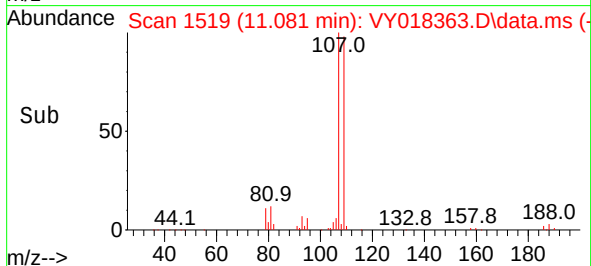
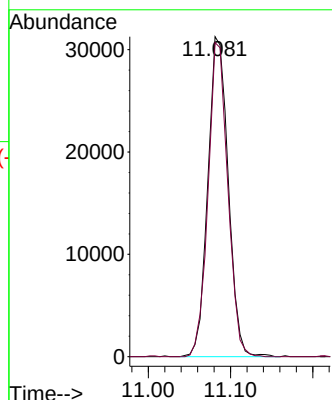
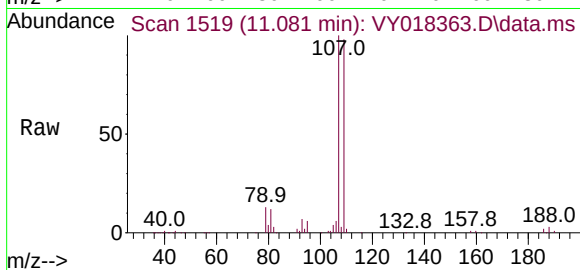
ClientSampleId :

Tgt Ion:107 Resp: 53900

Ion Ratio Lower Upper

107 100

109 94.6 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 49.978 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

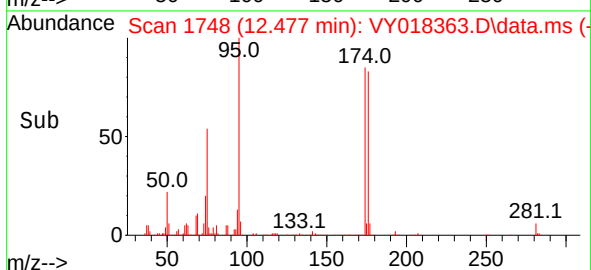
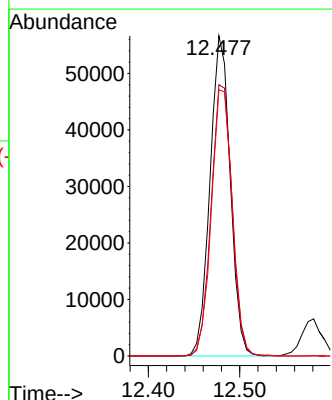
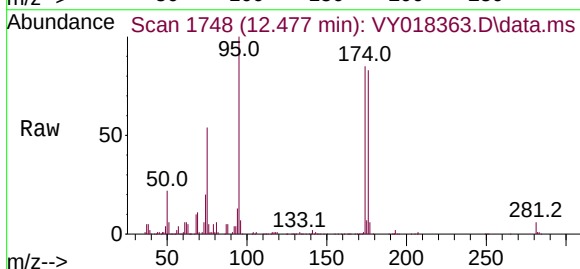
Tgt Ion: 95 Resp: 87069

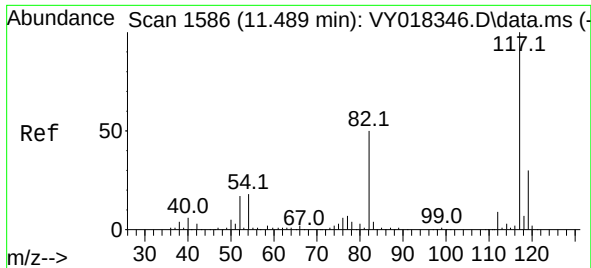
Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.6

176 86.4 0.0 171.4

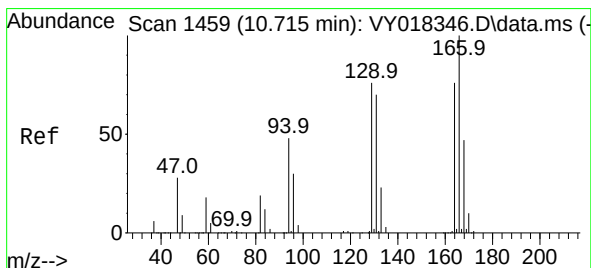
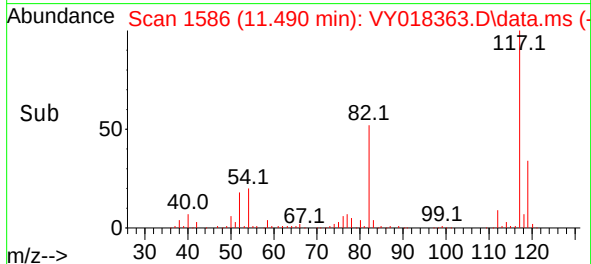
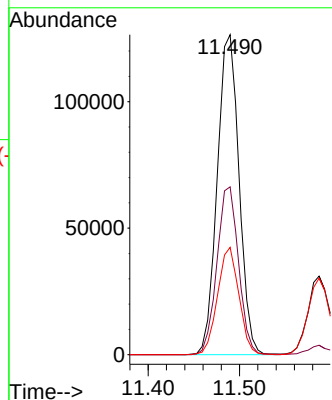
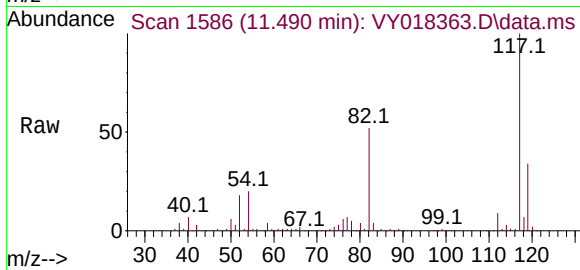




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

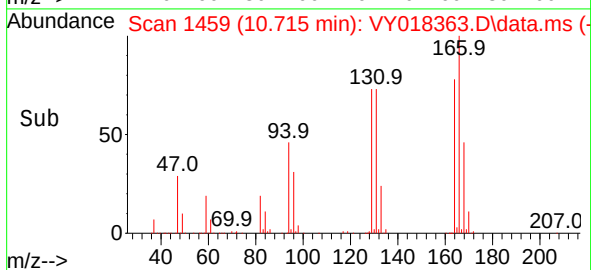
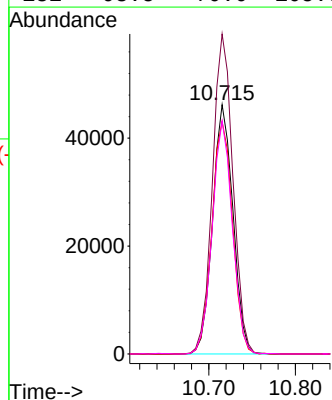
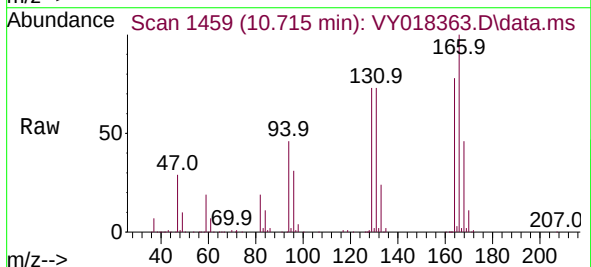
Instrument :
MSVOA_Y
ClientSampleId :

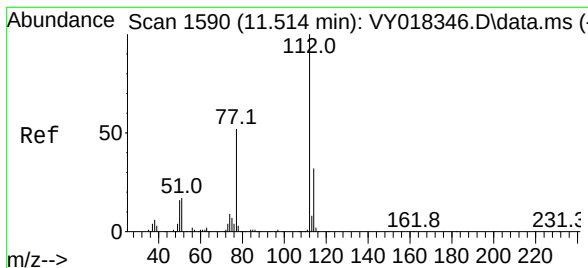
Tgt Ion:117 Resp: 209921
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 33.6 25.9 38.9



#64
Tetrachloroethene
Concen: 50.642 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion:164 Resp: 75412
Ion Ratio Lower Upper
164 100
166 128.4 102.6 154.0
129 93.2 72.0 108.0
131 93.5 70.0 105.0

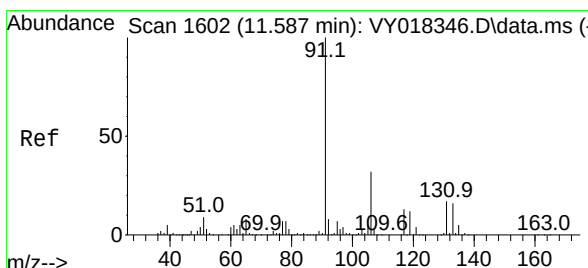
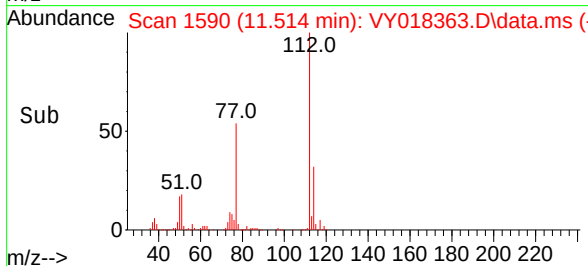
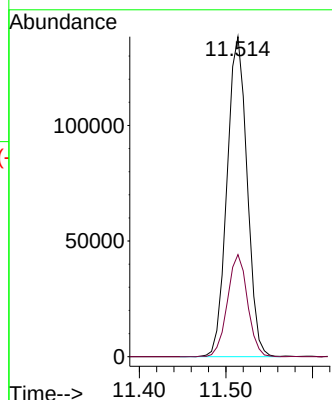
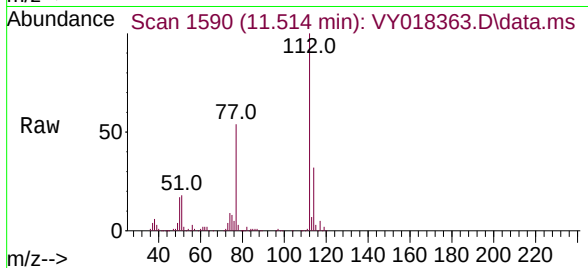




#65
Chlorobenzene
Concen: 51.349 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

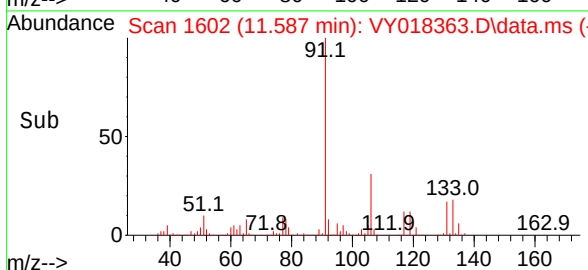
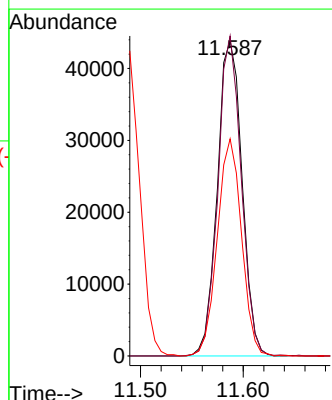
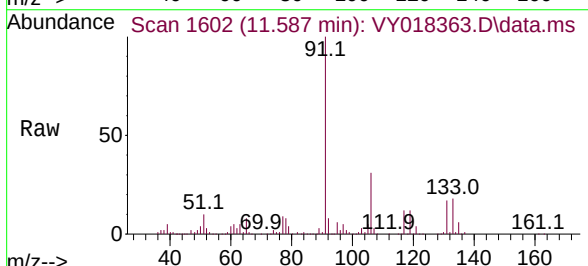
Instrument :
MSVOA_Y
ClientSampleId :

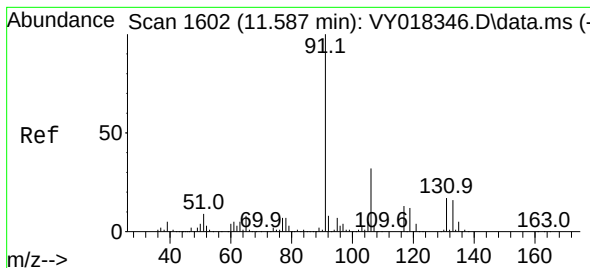
Tgt Ion:112 Resp: 222671
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.277 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion:131 Resp: 73087
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 67.7 34.1 102.2





#67

Ethyl Benzene

Concen: 51.489 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

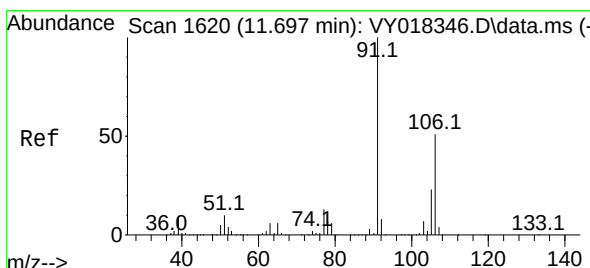
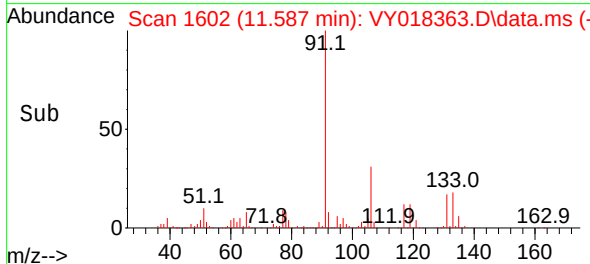
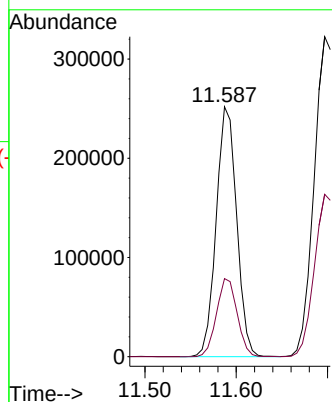
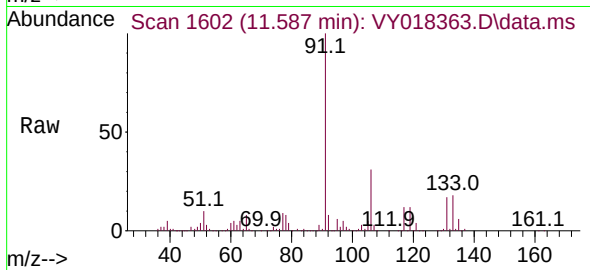
ClientSampleId :

Tgt Ion: 91 Resp: 392115

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 103.428 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018363.D

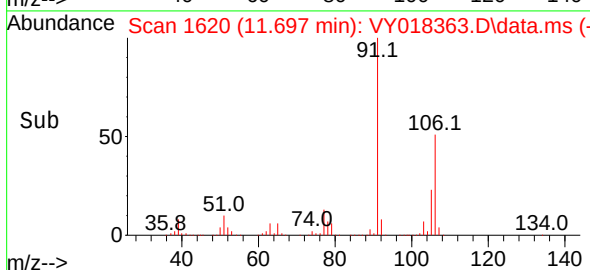
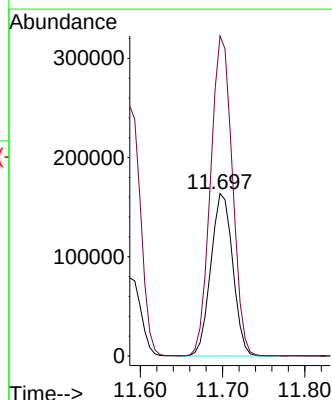
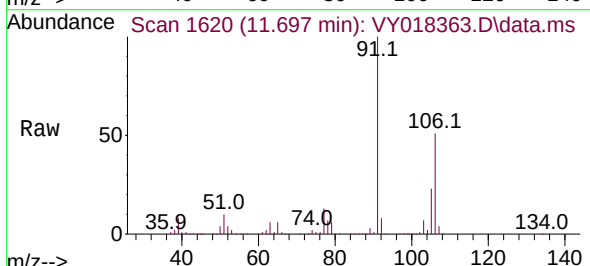
Acq: 24 May 2024 13:50

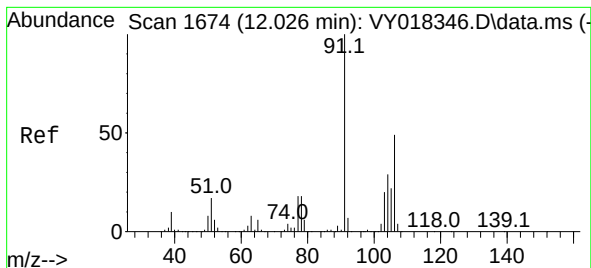
Tgt Ion:106 Resp: 303060

Ion Ratio Lower Upper

106 100

91 195.7 156.0 234.0





#69

o-Xylene

Concen: 52.519 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

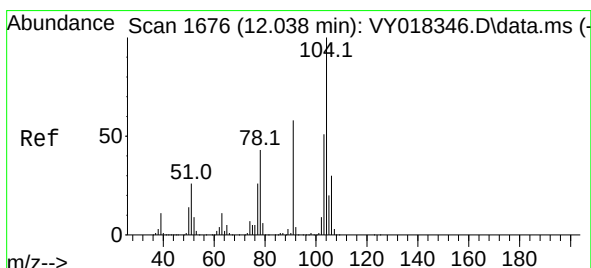
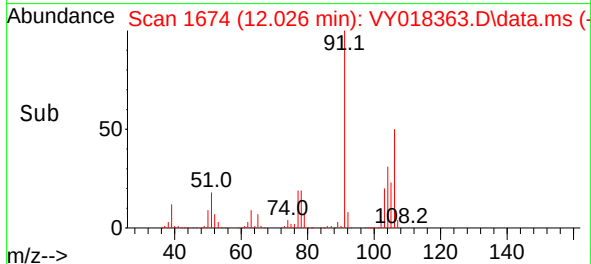
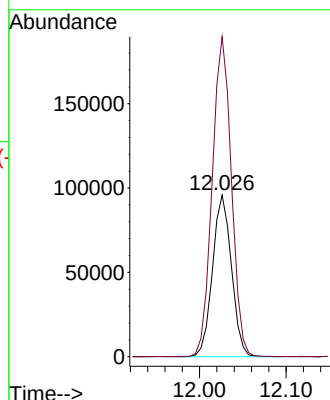
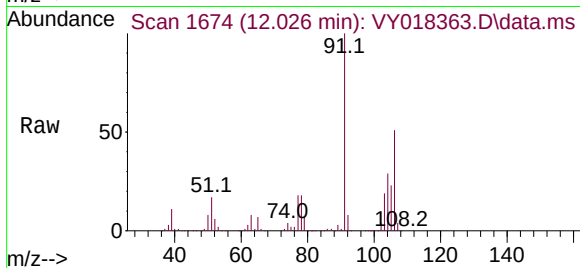
ClientSampleId :

Tgt Ion:106 Resp: 145229

Ion Ratio Lower Upper

106 100

91 200.7 103.6 310.8



#70

Styrene

Concen: 52.732 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

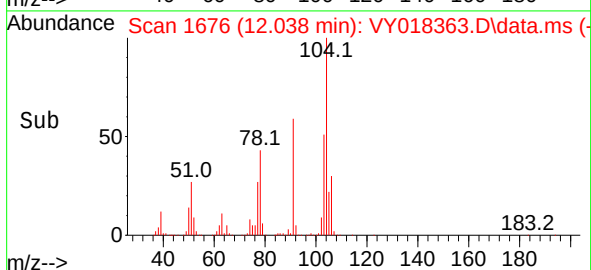
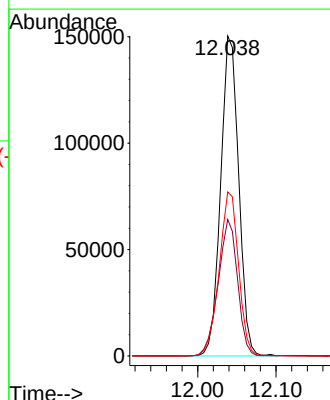
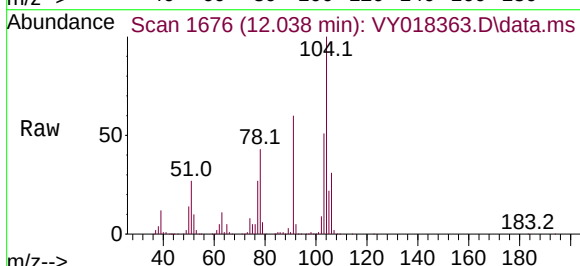
Tgt Ion:104 Resp: 241037

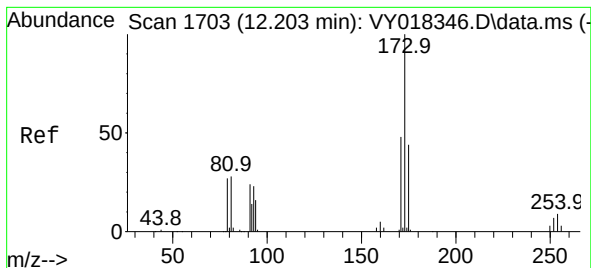
Ion Ratio Lower Upper

104 100

78 45.8 37.0 55.4

103 55.1 44.2 66.2





#71

Bromoform

Concen: 54.666 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

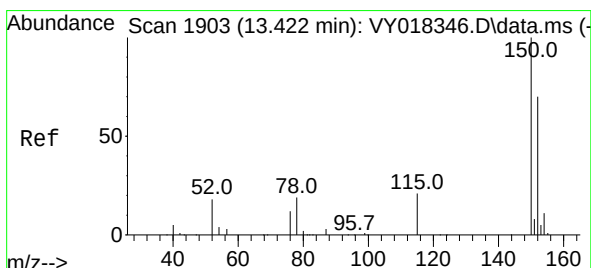
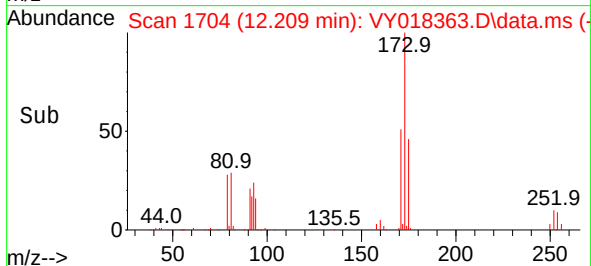
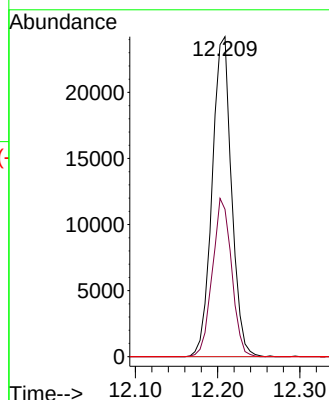
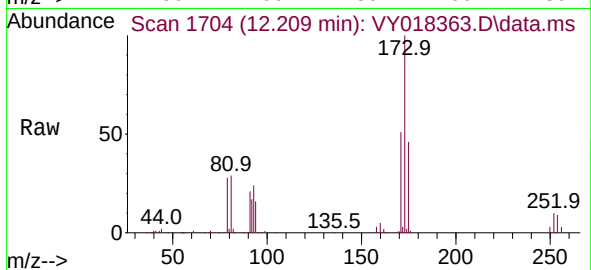
Tgt Ion:173 Resp: 39666

Ion Ratio Lower Upper

173 100

175 49.0 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: VY018363.D

Acq: 24 May 2024 13:50

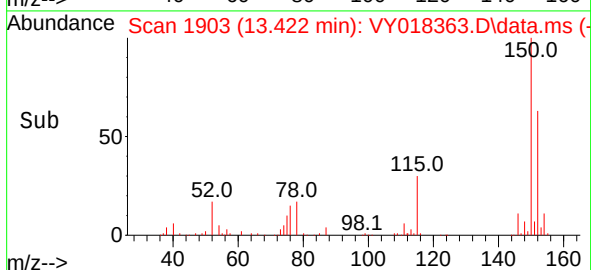
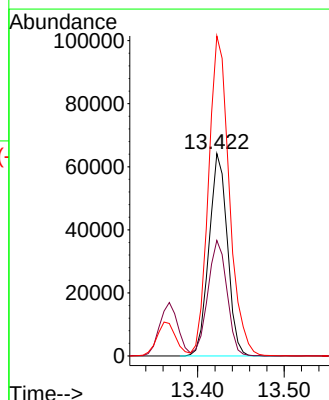
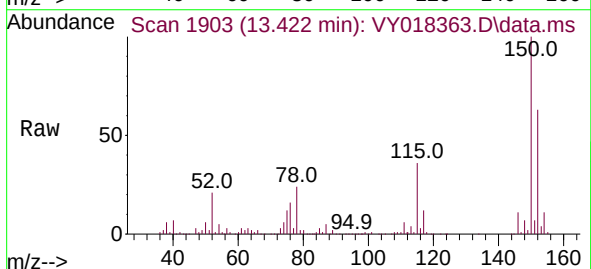
Tgt Ion:152 Resp: 94607

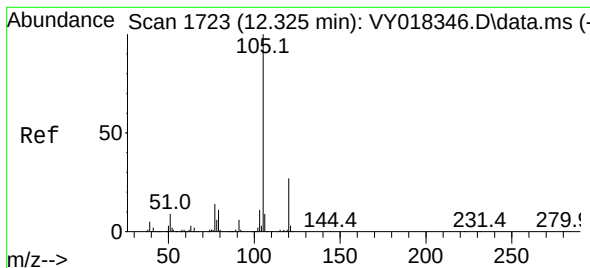
Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.7

150 178.3 0.0 345.6





#73

Isopropylbenzene

Concen: 50.198 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

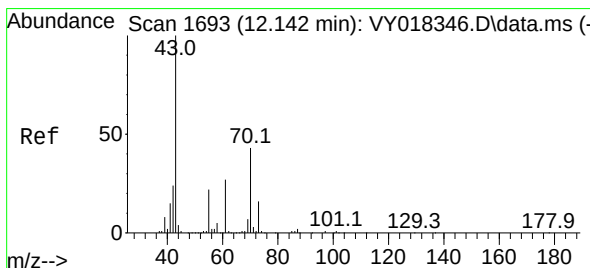
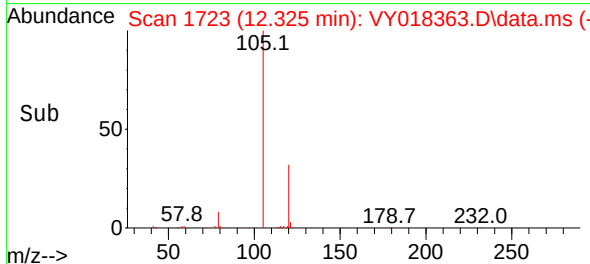
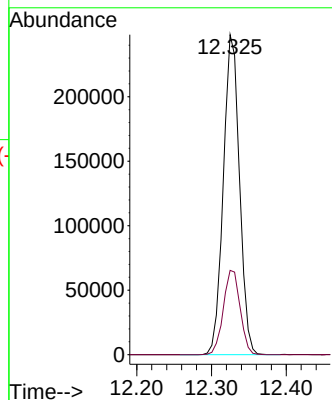
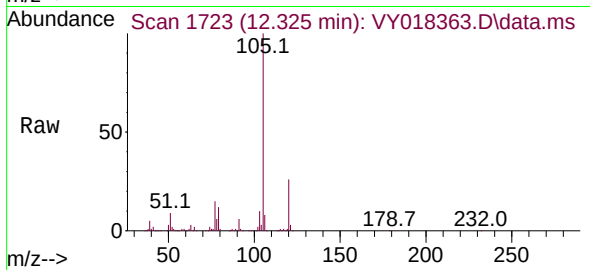
ClientSampleId :

Tgt Ion:105 Resp: 373268

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 51.007 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Tgt Ion: 43 Resp: 88490

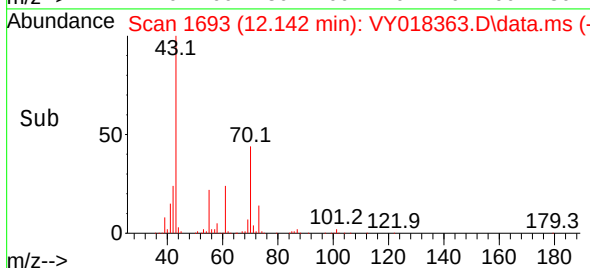
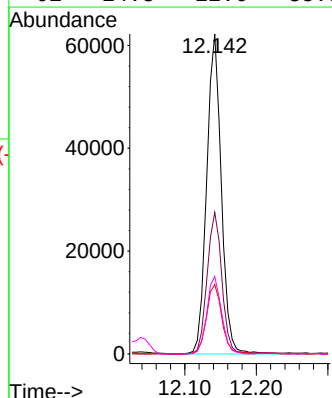
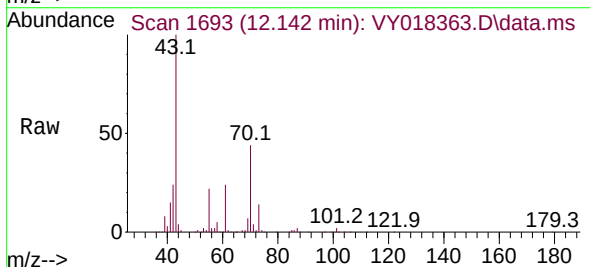
Ion Ratio Lower Upper

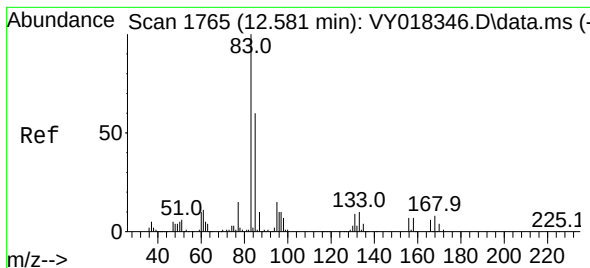
43 100

70 44.9 41.4 62.2

55 22.8 23.3 34.9#

61 24.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.586 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

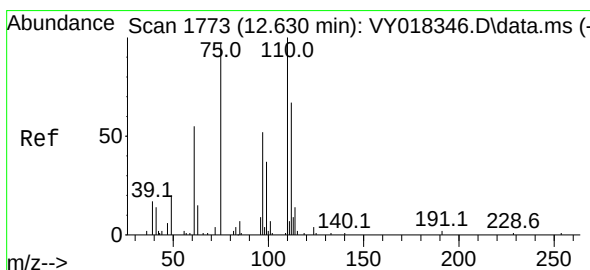
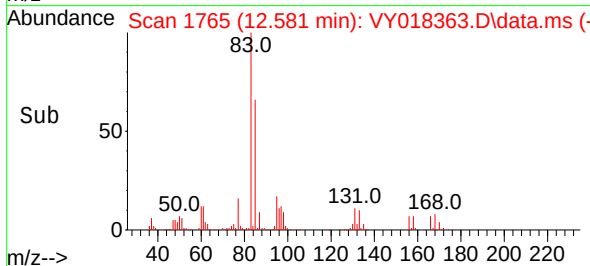
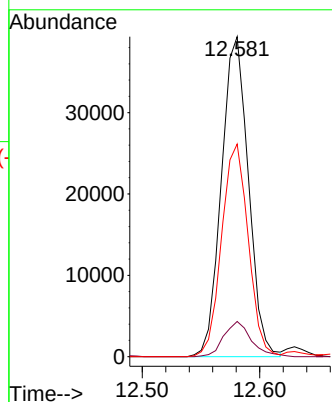
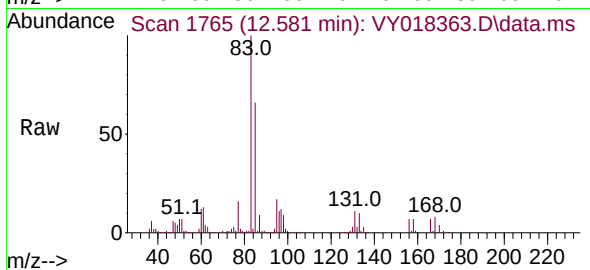
Tgt Ion: 83 Resp: 62827

Ion Ratio Lower Upper

83 100

131 11.2 5.0 14.9

85 65.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 93.482 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018363.D

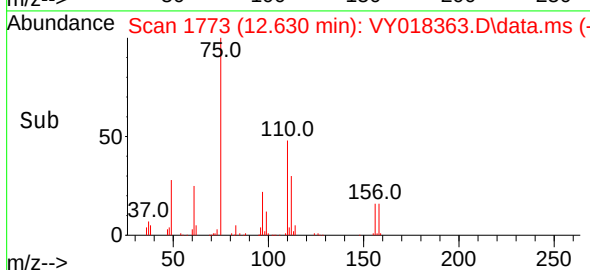
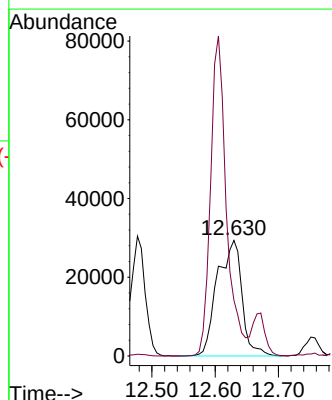
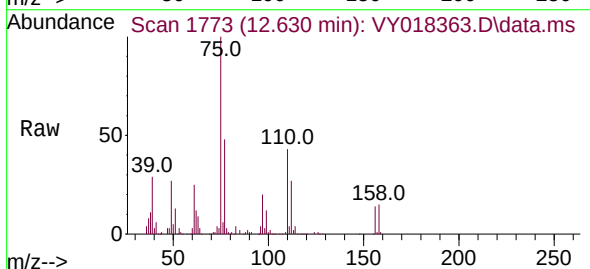
Acq: 24 May 2024 13:50

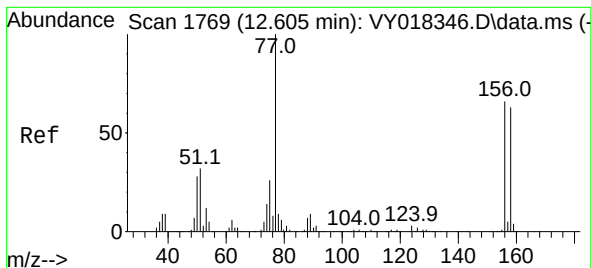
Tgt Ion: 75 Resp: 79488

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.857 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

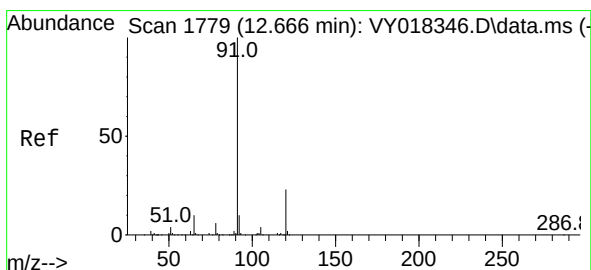
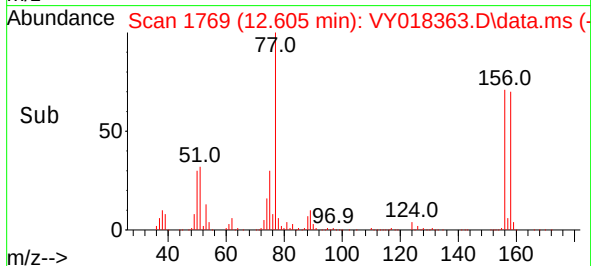
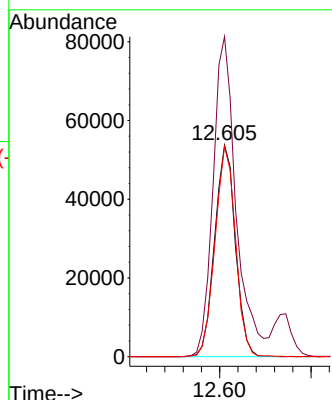
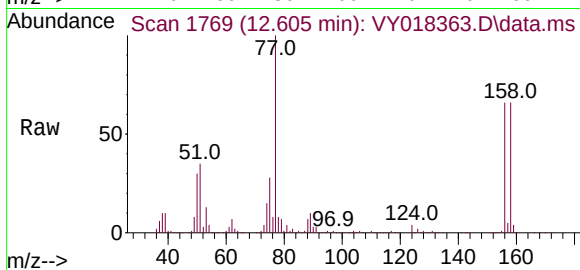
Tgt Ion:156 Resp: 84456

Ion Ratio Lower Upper

156 100

77 167.8 87.1 261.3

158 98.5 48.6 145.9



#78

n-propylbenzene

Concen: 49.739 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018363.D

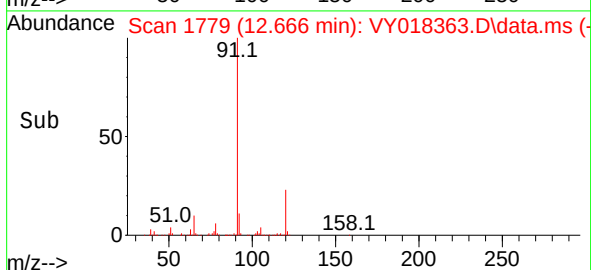
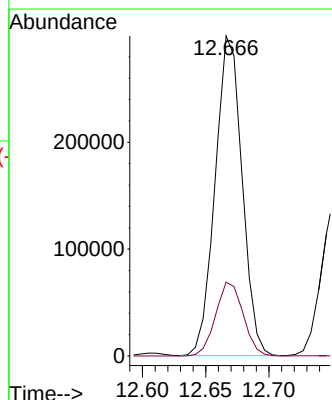
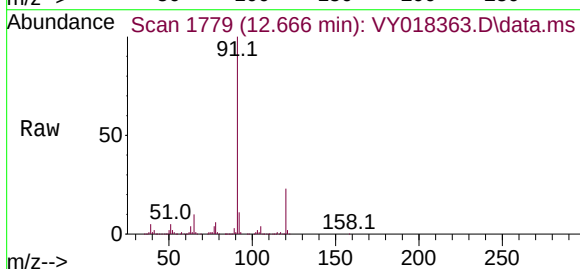
Acq: 24 May 2024 13:50

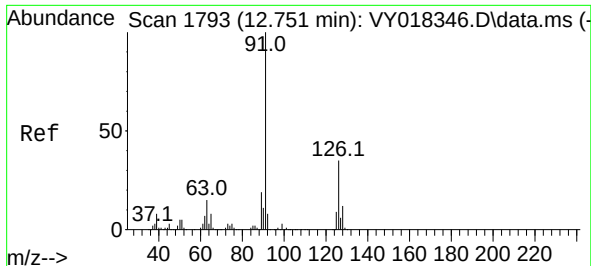
Tgt Ion: 91 Resp: 442849

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.667 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

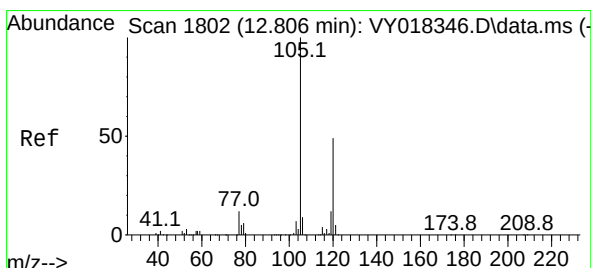
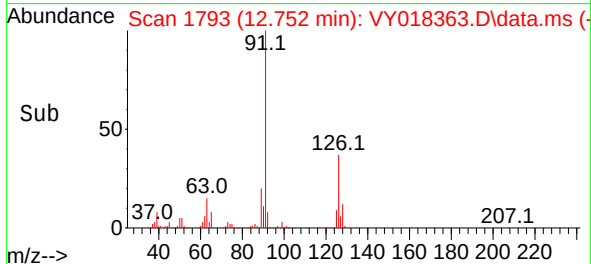
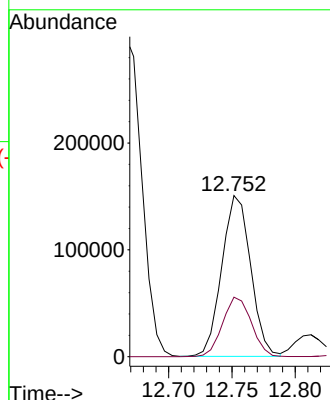
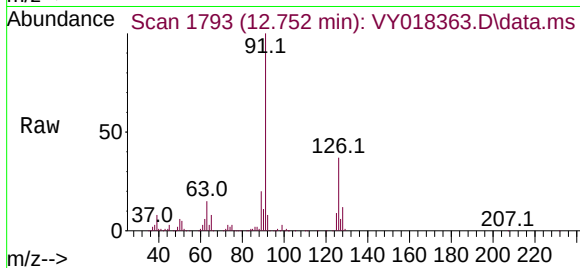
ClientSampleId :

Tgt Ion: 91 Resp: 239408

Ion Ratio Lower Upper

91 100

126 36.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 50.507 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018363.D

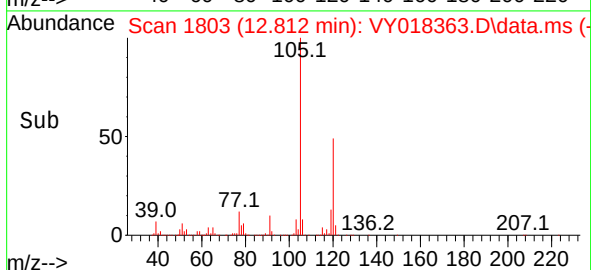
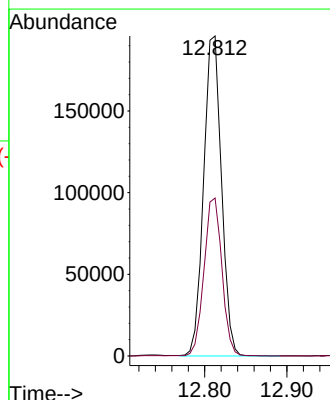
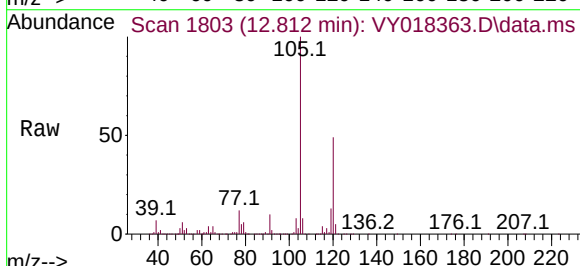
Acq: 24 May 2024 13:50

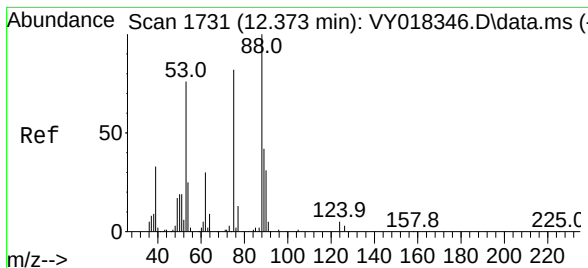
Tgt Ion:105 Resp: 295129

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.2

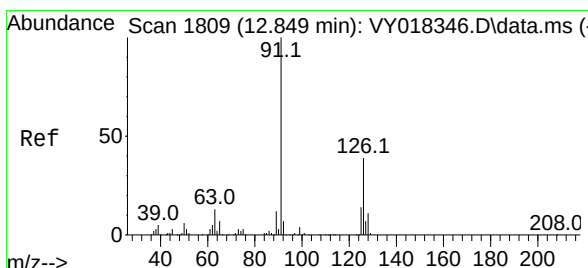
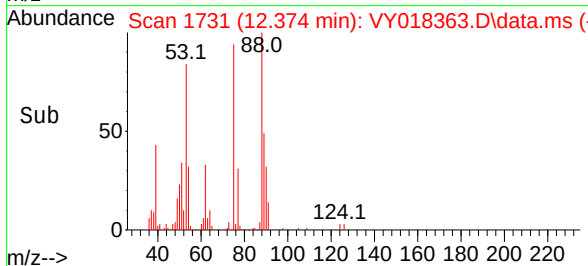
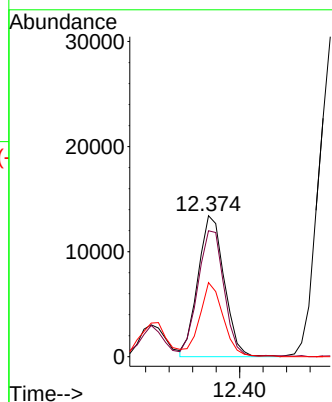
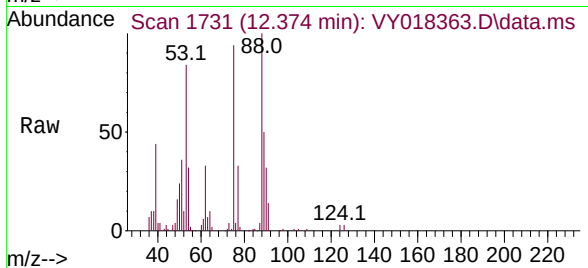




#81
trans-1,4-Dichloro-2-butene
Concen: 50.398 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

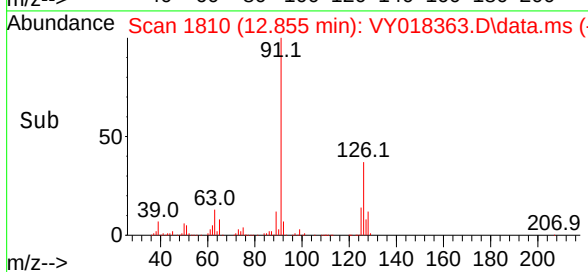
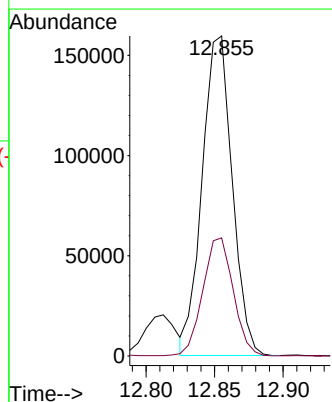
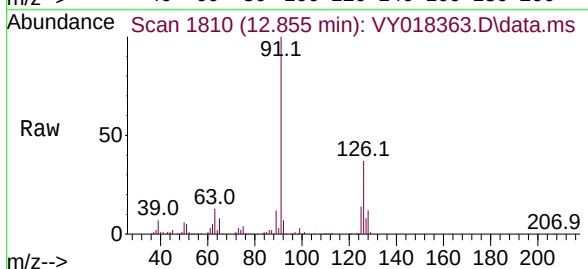
Instrument :
MSVOA_Y
ClientSampleId :

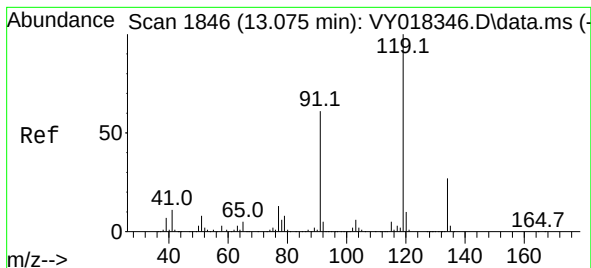
Tgt Ion: 75 Resp: 20828
Ion Ratio Lower Upper
75 100
53 88.0 66.8 100.2
89 47.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.833 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018363.D
Acq: 24 May 2024 13:50

Tgt Ion: 91 Resp: 243552
Ion Ratio Lower Upper
91 100
126 37.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.929 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

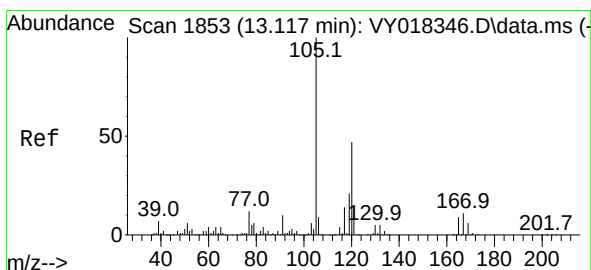
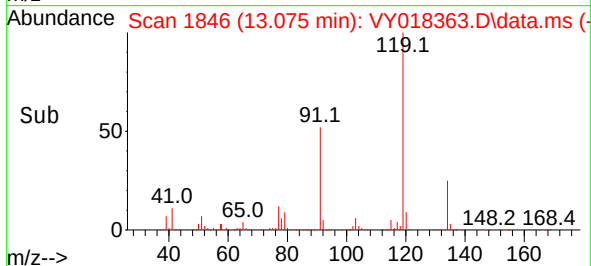
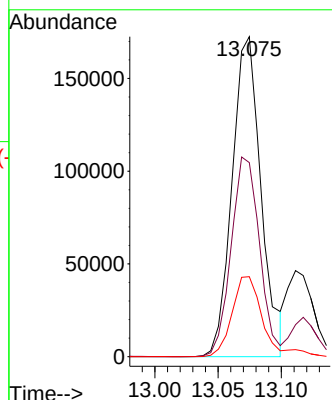
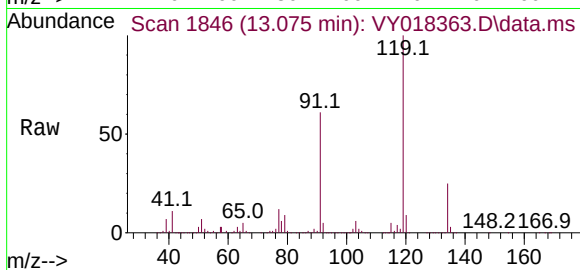
Tgt Ion:119 Resp: 275084

Ion Ratio Lower Upper

119 100

91 61.4 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.931 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018363.D

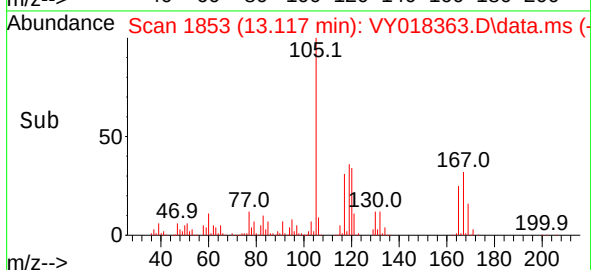
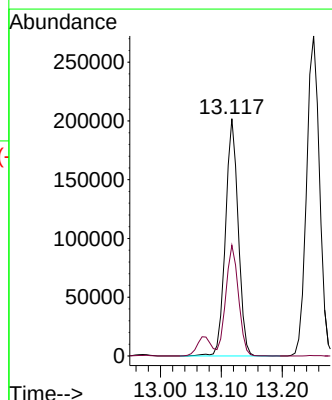
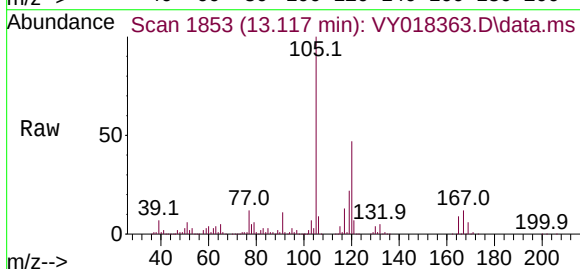
Acq: 24 May 2024 13:50

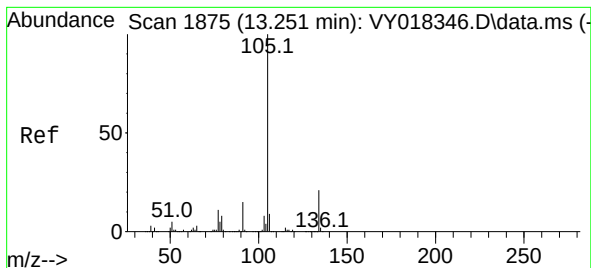
Tgt Ion:105 Resp: 292683

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.101 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

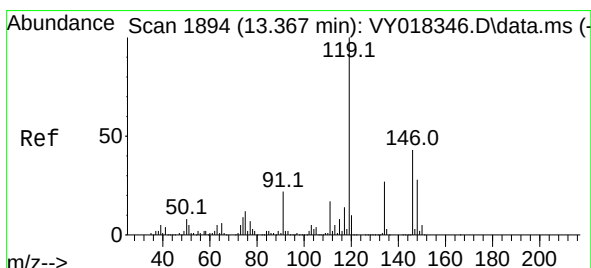
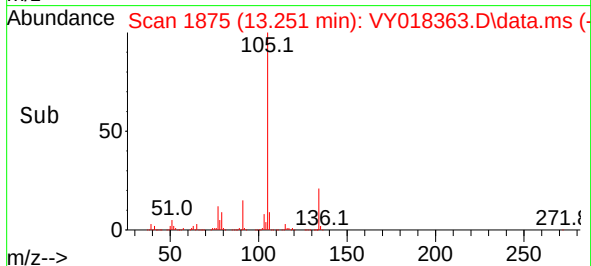
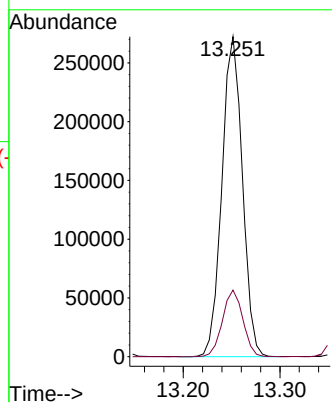
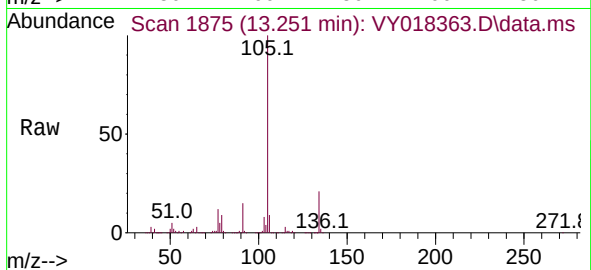
ClientSampleId :

Tgt Ion:105 Resp: 400222

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.520 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

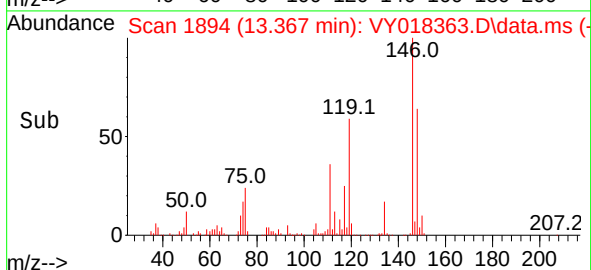
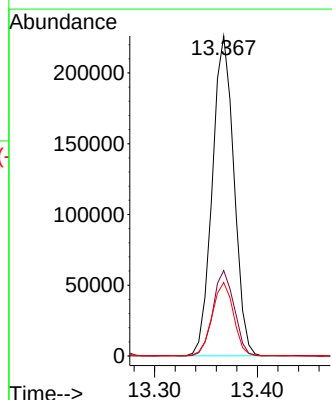
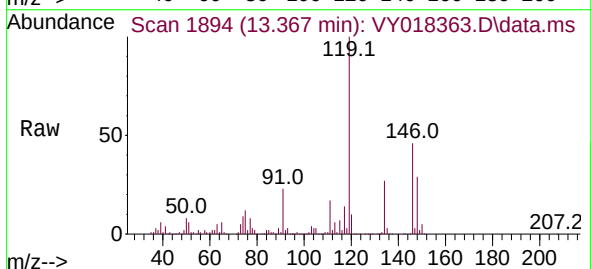
Tgt Ion:119 Resp: 330104

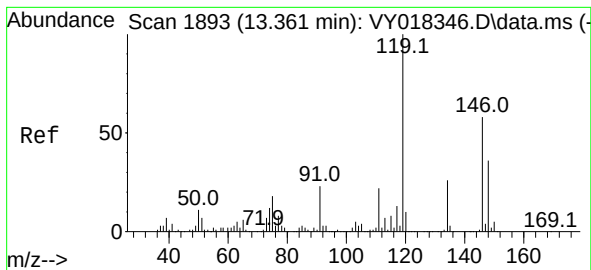
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.928 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

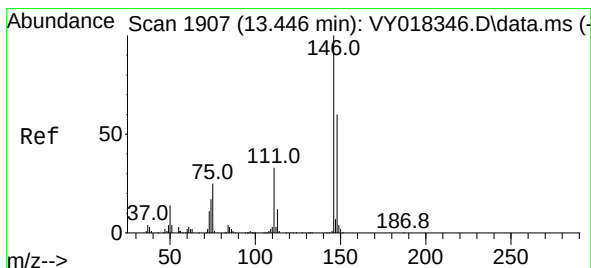
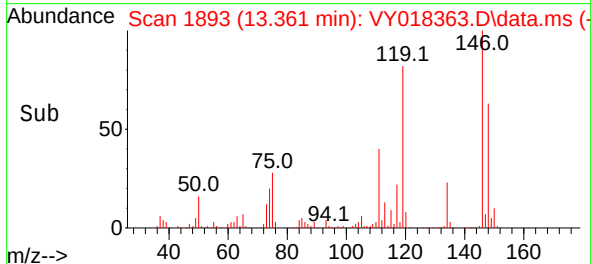
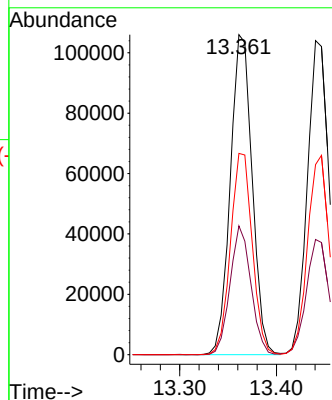
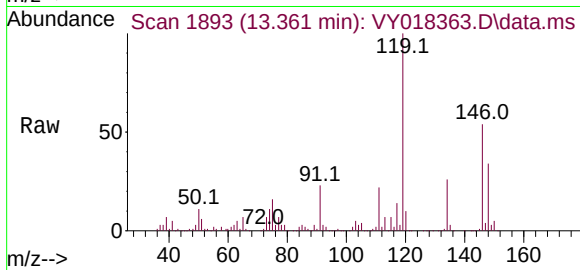
Tgt Ion:146 Resp: 166532

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

148 62.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.486 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

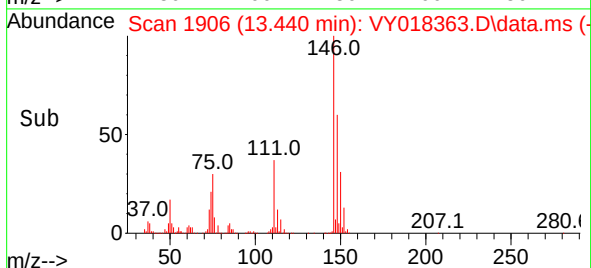
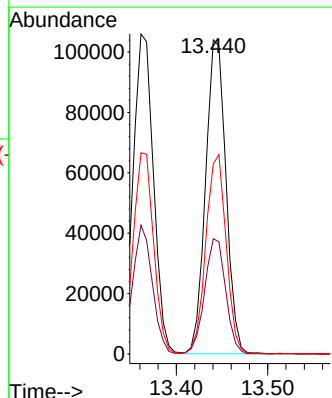
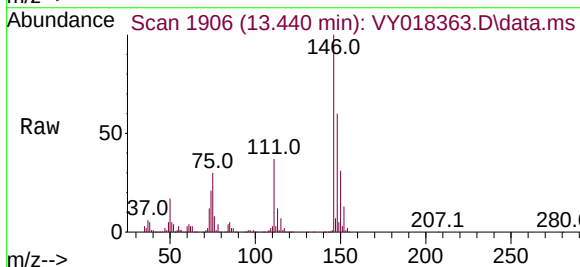
Tgt Ion:146 Resp: 161148

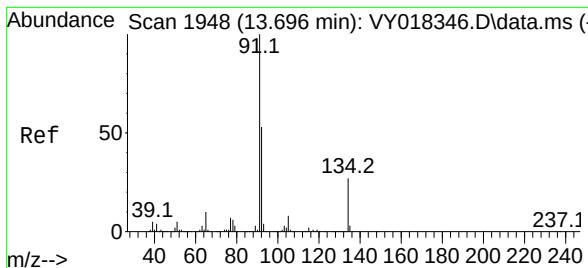
Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.4

148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 49.888 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

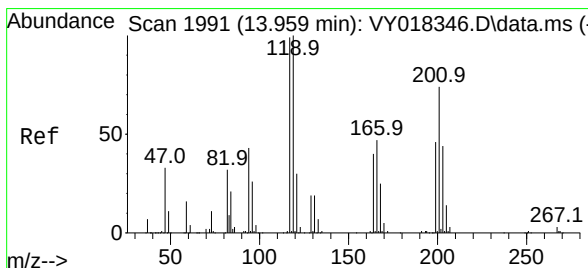
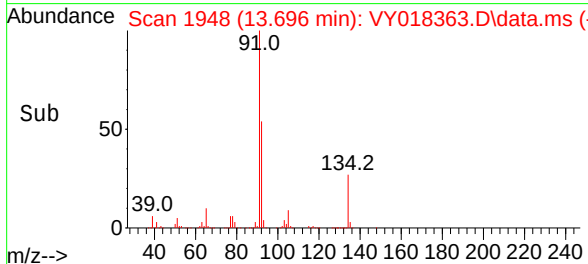
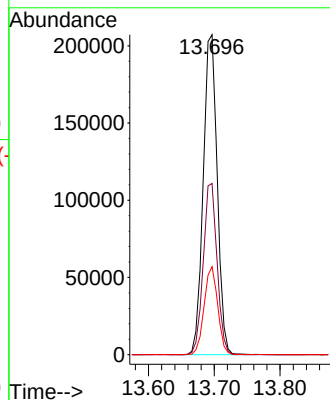
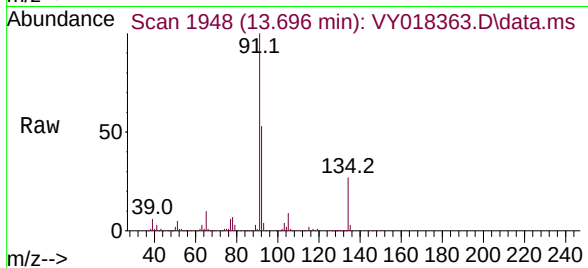
Tgt Ion: 91 Resp: 306333

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 50.327 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018363.D

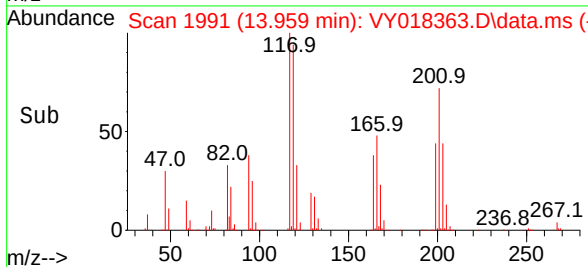
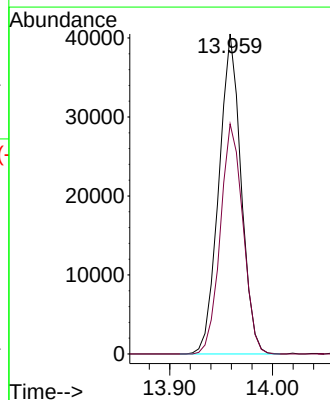
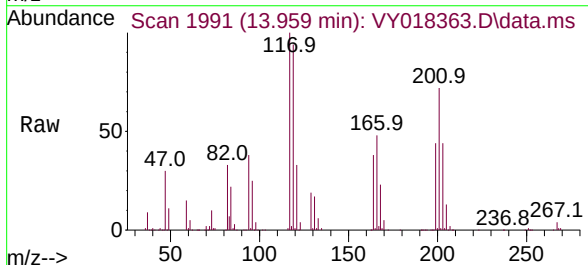
Acq: 24 May 2024 13:50

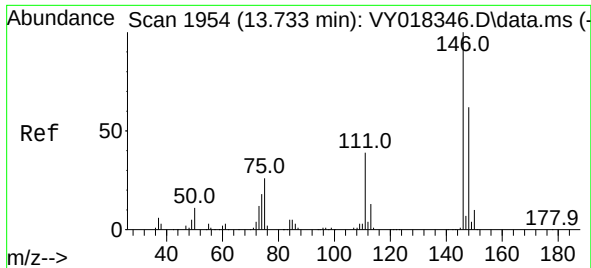
Tgt Ion: 117 Resp: 60727

Ion Ratio Lower Upper

117 100

201 73.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 52.236 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

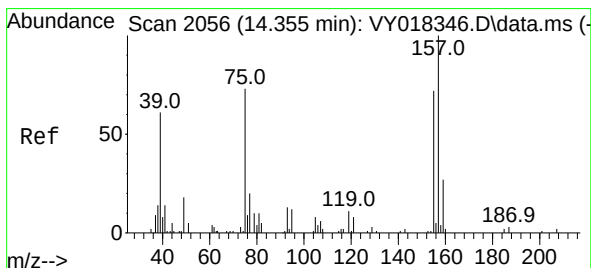
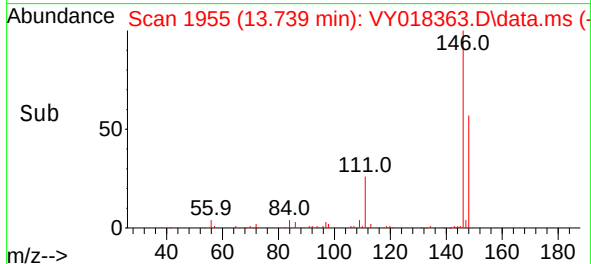
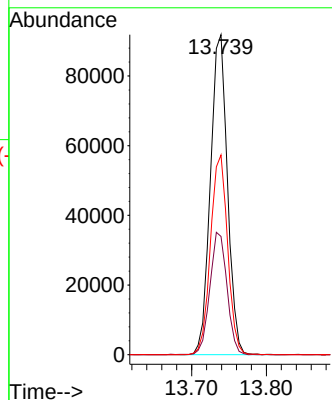
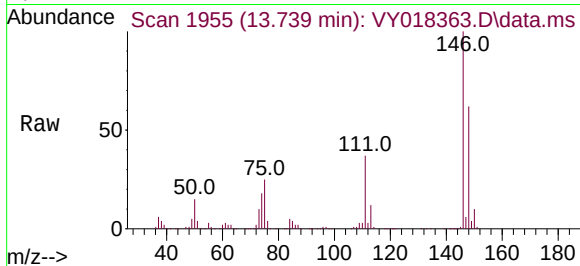
Tgt Ion:146 Resp: 145361

Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.7

148 62.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.544 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

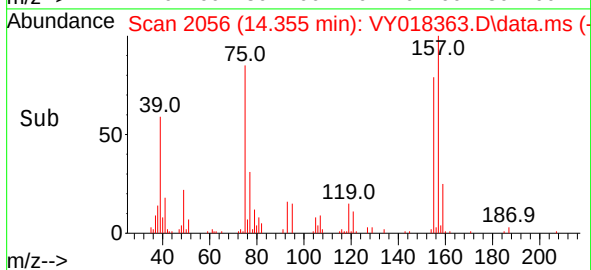
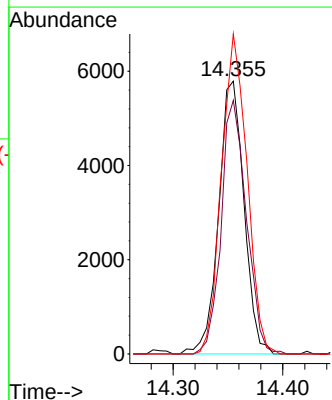
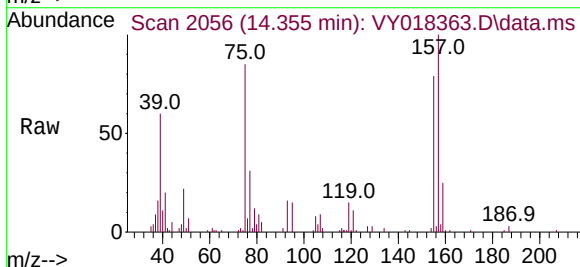
Tgt Ion: 75 Resp: 9305

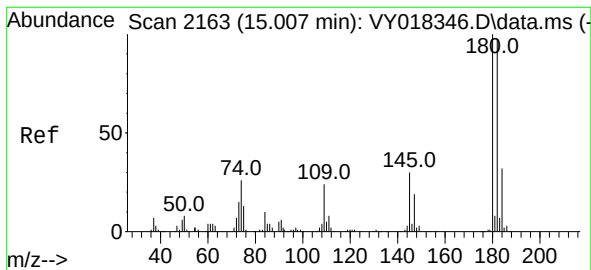
Ion Ratio Lower Upper

75 100

155 92.2 48.6 145.8

157 118.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.704 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

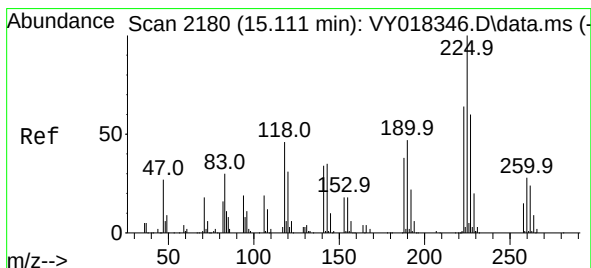
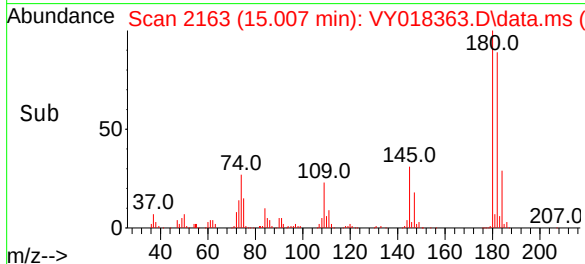
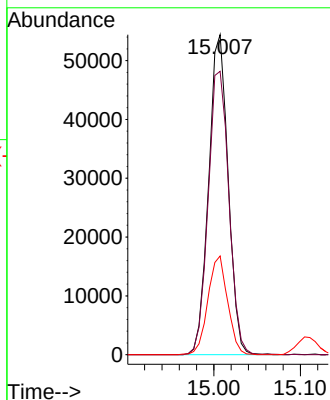
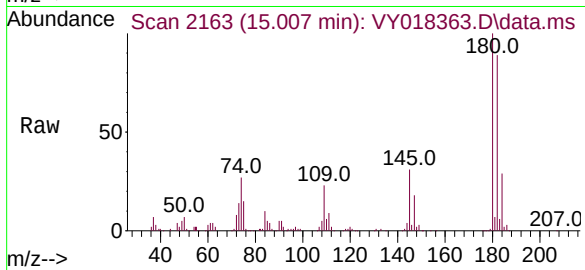
Tgt Ion:180 Resp: 85126

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 31.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.190 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

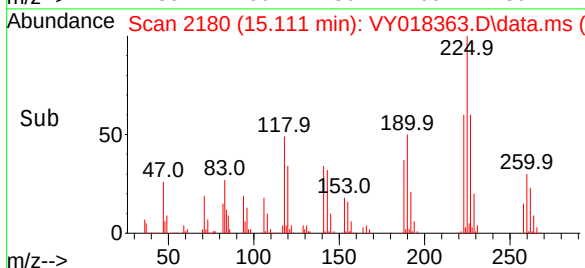
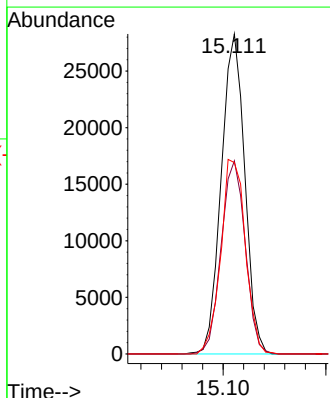
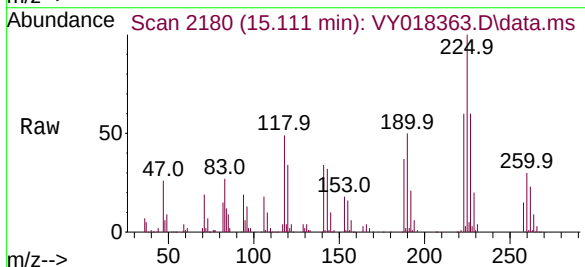
Tgt Ion:225 Resp: 44768

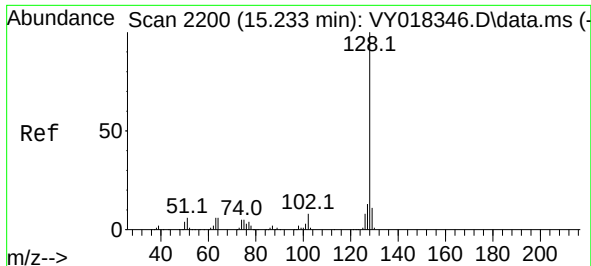
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 54.928 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

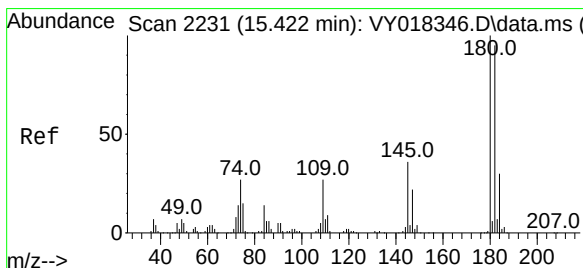
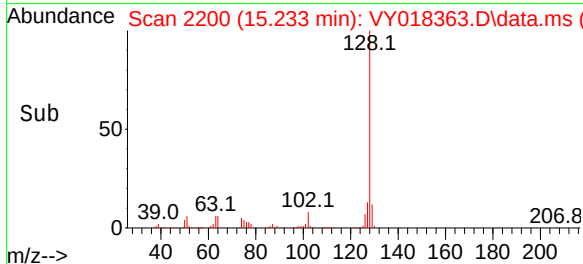
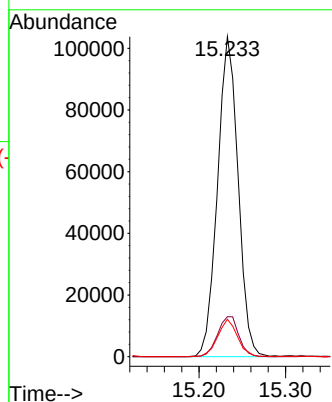
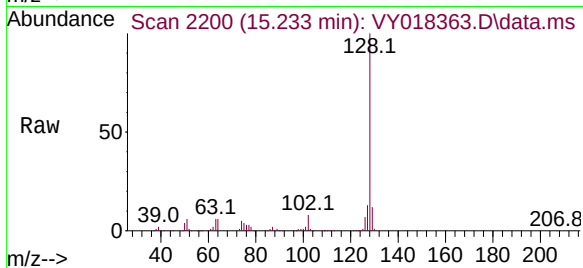
Tgt Ion:128 Resp: 171207

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.496 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018363.D

Acq: 24 May 2024 13:50

Tgt Ion:180 Resp: 73440

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

145 31.6 15.4 46.1

