

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018931.D
 Acq On : 08 Aug 2024 14:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 09 05:21:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	87806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	135450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	114915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	57609	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39548	51.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.628	113	42784	49.455	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.920%	
50) Toluene-d8	10.109	98	160177	48.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.408	95	48688	49.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	25932	42.966	ug/l	99
3) Chloromethane	2.068	50	74014	52.077	ug/l	98
4) Vinyl Chloride	2.202	62	95548	47.241	ug/l	97
5) Bromomethane	2.592	94	76826	47.608	ug/l	99
6) Chloroethane	2.732	64	64162	47.175	ug/l	93
7) Trichlorofluoromethane	3.049	101	121592	45.107	ug/l	100
8) Diethyl Ether	3.452	74	20430	49.166	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.805	101	37075	44.024	ug/l	92
10) Methyl Iodide	4.000	142	42408	46.635	ug/l	98
11) Tert butyl alcohol	4.842	59	16433	245.314	ug/l #	81
12) 1,1-Dichloroethene	3.781	96	37474	47.101	ug/l	90
13) Acrolein	3.641	56	20016	248.133	ug/l	95
14) Allyl chloride	4.378	41	51212	48.128	ug/l	86
15) Acrylonitrile	5.049	53	39082	239.912	ug/l	98
16) Acetone	3.860	43	44403	234.959	ug/l #	84
17) Carbon Disulfide	4.098	76	109920	46.476	ug/l	100
18) Methyl Acetate	4.372	43	19921	46.492	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	94111	48.092	ug/l	99
20) Methylene Chloride	4.604	84	44888	50.748	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	42781	48.598	ug/l	96
22) Diisopropyl ether	6.006	45	114404	49.319	ug/l #	89
23) Vinyl Acetate	5.945	43	493759	246.642	ug/l	97
24) 1,1-Dichloroethane	5.903	63	69223	48.644	ug/l	100
25) 2-Butanone	6.884	43	59382	237.897	ug/l	93
26) 2,2-Dichloropropane	6.878	77	63024	47.055	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	50640	48.079	ug/l	99
28) Bromochloromethane	7.238	49	32220	49.180	ug/l	98
29) Tetrahydrofuran	7.256	42	34344	233.340	ug/l	94
30) Chloroform	7.408	83	74182	48.732	ug/l	99
31) Cyclohexane	7.695	56	56098	46.250	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	66876	48.602	ug/l	97
36) 1,1-Dichloropropene	7.829	75	53961	46.467	ug/l	99
37) Ethyl Acetate	6.976	43	25817	48.639	ug/l	96
38) Carbon Tetrachloride	7.811	117	60362	45.334	ug/l	100
39) Methylcyclohexane	9.103	83	71078	45.472	ug/l	98
40) Benzene	8.073	78	164718	47.706	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	11398	47.953	ug/l	96
42) 1,2-Dichloroethane	8.146	62	41478	48.255	ug/l	98
43) Isopropyl Acetate	8.189	43	51519	47.727	ug/l #	80
44) Trichloroethene	8.859	130	44867	45.588	ug/l	94
45) 1,2-Dichloropropane	9.140	63	36283	46.963	ug/l	93
46) Dibromomethane	9.225	93	23904	47.885	ug/l	100
47) Bromodichloromethane	9.420	83	57905	49.568	ug/l #	98
48) Methyl methacrylate	9.219	41	22102	46.869	ug/l #	79
49) 1,4-Dioxane	9.219	88	5154	873.894	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	133841	240.412	ug/l	89
52) Toluene	10.170	92	109395	47.697	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	50914	48.873	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	59817	48.339	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	30066	49.044	ug/l	96
56) Ethyl methacrylate	10.438	69	40551	48.854	ug/l #	78
57) 1,3-Dichloropropane	10.719	76	49693	49.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	101790	237.871	ug/l	95
59) 2-Hexanone	10.761	43	97644	244.507	ug/l	87
60) Dibromochloromethane	10.914	129	40105	48.795	ug/l	100
61) 1,2-Dibromoethane	11.018	107	28450	48.062	ug/l	98
64) Tetrachloroethene	10.646	164	45438	47.168	ug/l	98
65) Chlorobenzene	11.444	112	121366	48.102	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	42780	48.475	ug/l	98
67) Ethyl Benzene	11.524	91	212662	48.683	ug/l	97
68) m/p-Xylenes	11.633	106	174794	97.582	ug/l	94
69) o-Xylene	11.956	106	80962	48.972	ug/l	94
70) Styrene	11.975	104	135687	49.830	ug/l	99
71) Bromoform	12.139	173	22890	49.877	ug/l #	98
73) Isopropylbenzene	12.261	105	202686	48.470	ug/l	97
74) N-amyl acetate	12.072	43	49449	51.245	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	33212	49.215	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	42312	98.588	ug/l #	100
77) Bromobenzene	12.536	156	48869	50.166	ug/l	91
78) n-propylbenzene	12.603	91	239514	48.393	ug/l	97
79) 2-Chlorotoluene	12.682	91	123903	48.356	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	162445	49.571	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10501	50.418	ug/l	93
82) 4-Chlorotoluene	12.786	91	129521	49.373	ug/l	93
83) tert-Butylbenzene	13.005	119	152054	49.124	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	163289	49.119	ug/l	96
85) sec-Butylbenzene	13.182	105	220291	49.134	ug/l	99
86) p-Isopropyltoluene	13.298	119	193663	49.883	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	98056	49.276	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	92913	47.878	ug/l	99
89) n-Butylbenzene	13.621	91	170767	50.112	ug/l	98
90) Hexachloroethane	13.883	117	36604	49.967	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	82176	50.227	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4449	47.927	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	45654	50.677	ug/l	99
94) Hexachlorobutadiene	15.029	225	25015	50.630	ug/l	95
95) Naphthalene	15.151	128	77001	48.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	37161	48.058	ug/l	99

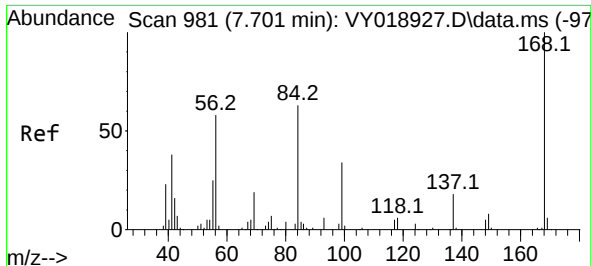
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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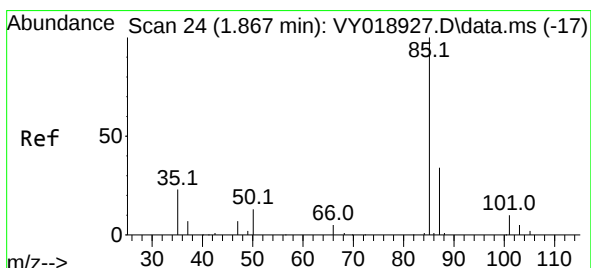
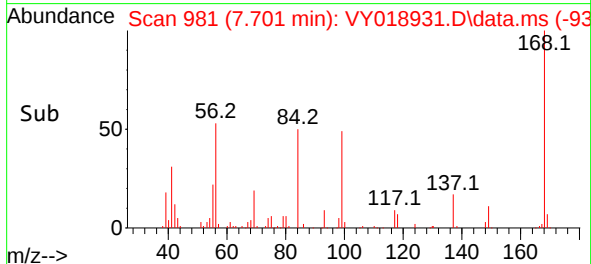
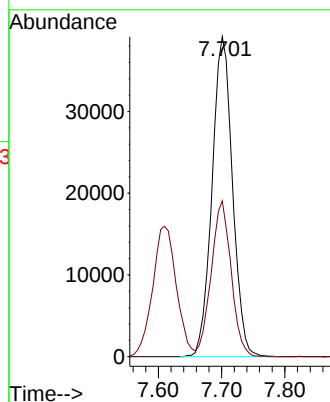
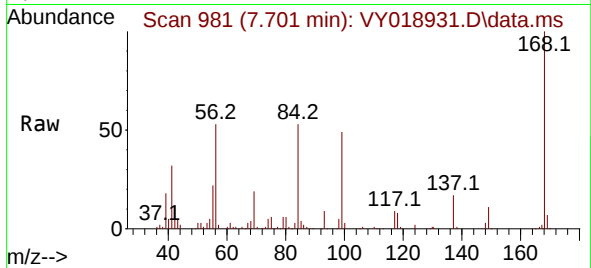
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

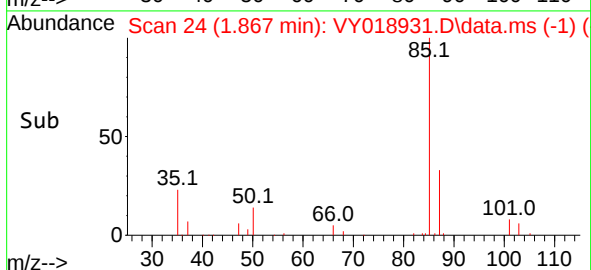
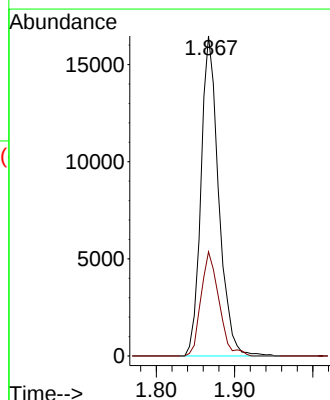
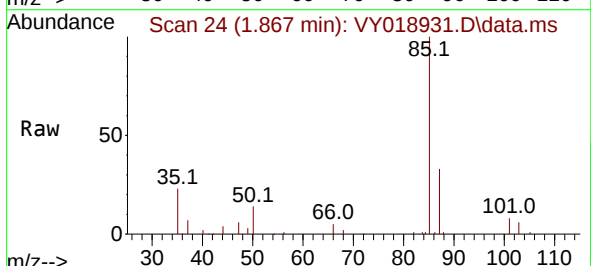
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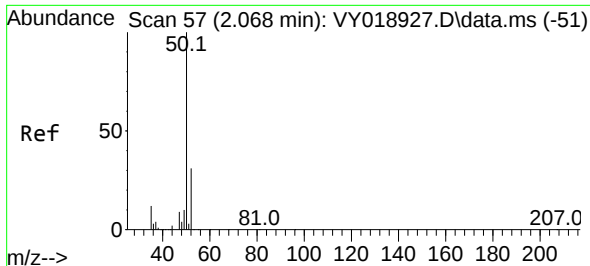
Tgt Ion:168 Resp: 87806
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.966 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 85 Resp: 25932
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

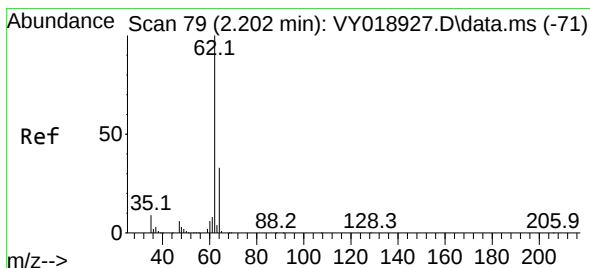
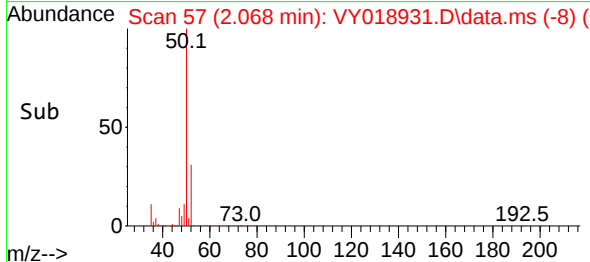
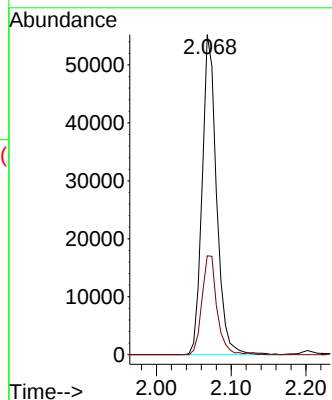
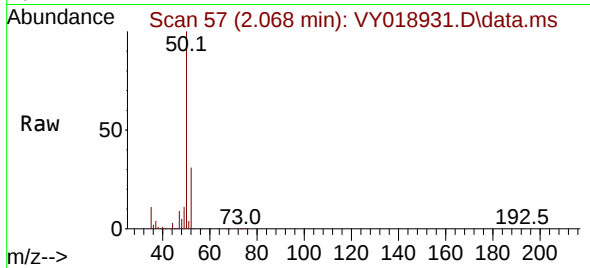




#3
Chloromethane
Concen: 52.077 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

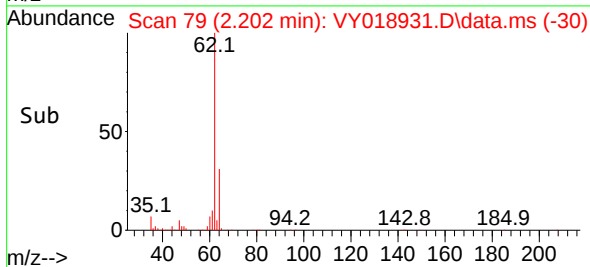
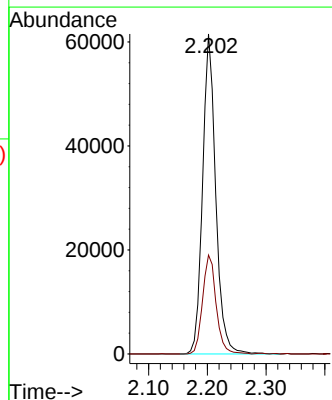
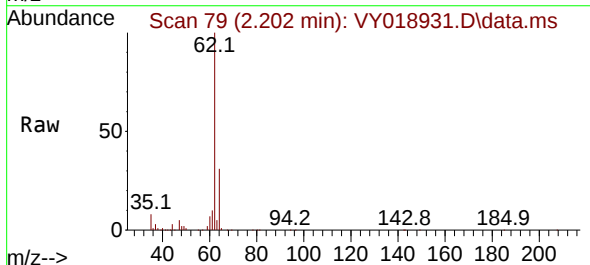
Instrument :
MSVOA_Y
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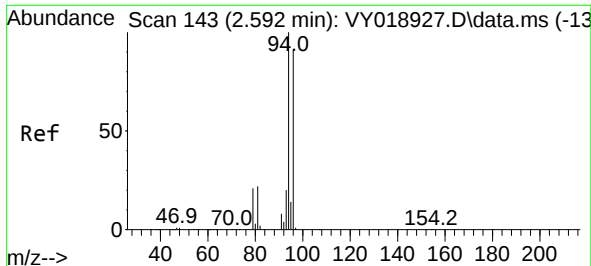
Tgt Ion: 50 Resp: 74014
Ion Ratio Lower Upper
50 100
52 30.9 25.6 38.4



#4
Vinyl Chloride
Concen: 47.241 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 62 Resp: 95548
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1

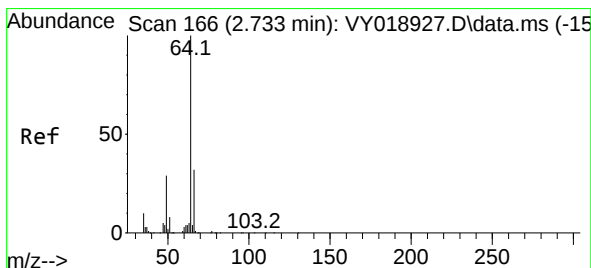
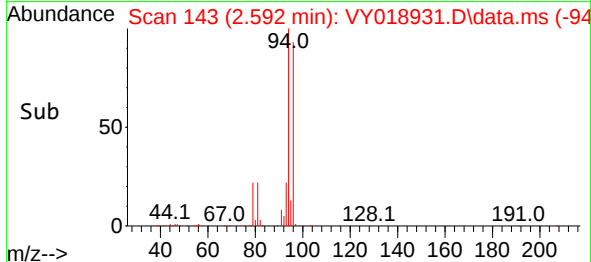
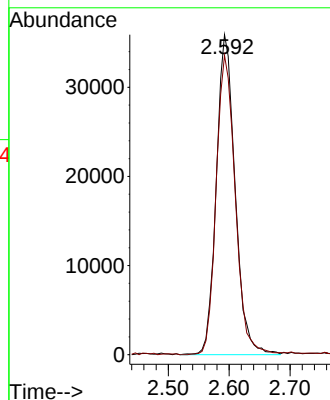
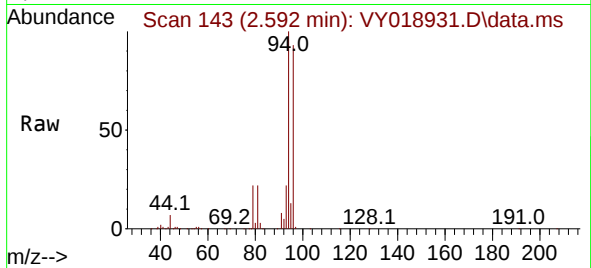




#5
Bromomethane
Concen: 47.608 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

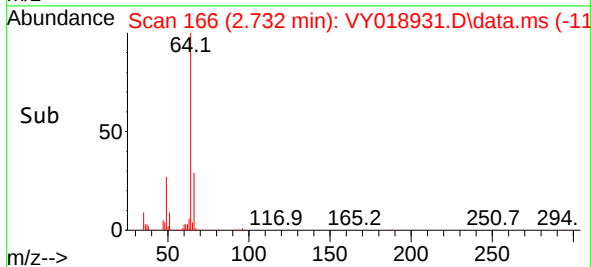
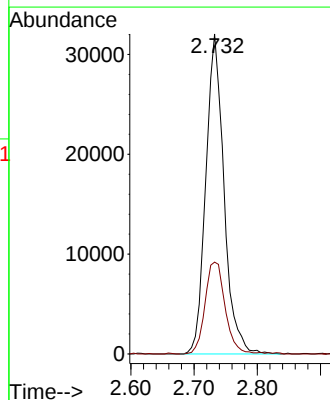
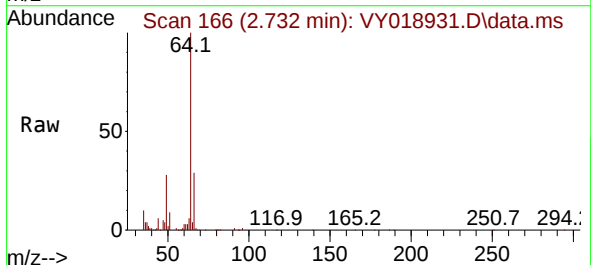
Instrument :
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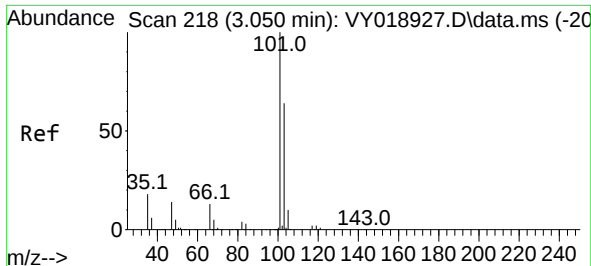
Tgt Ion: 94 Resp: 76826
Ion Ratio Lower Upper
94 100
96 93.5 74.1 111.1



#6
Chloroethane
Concen: 47.175 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 64 Resp: 64162
Ion Ratio Lower Upper
64 100
66 28.7 26.1 39.1

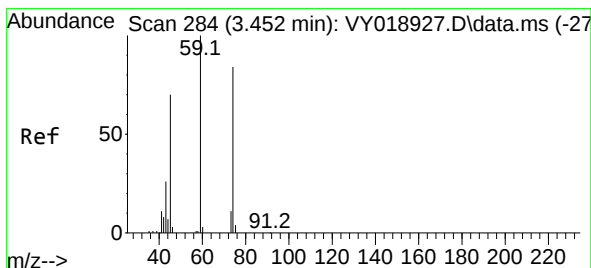
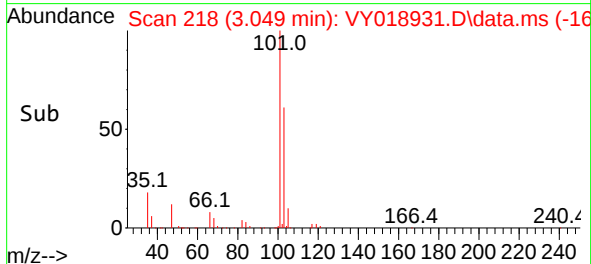
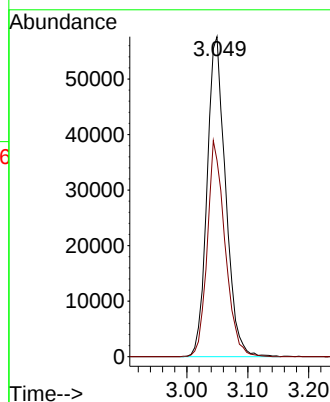
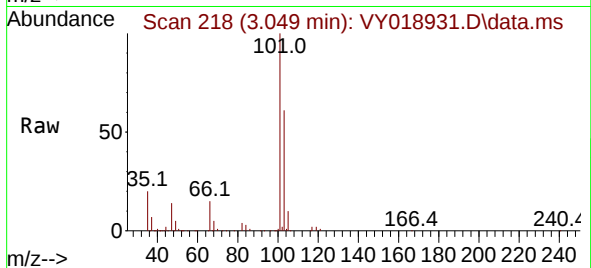




#7
Trichlorofluoromethane
Concen: 45.107 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY018931.D
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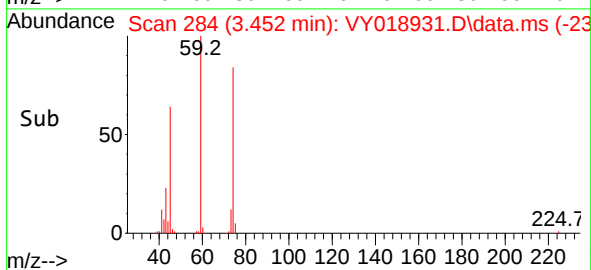
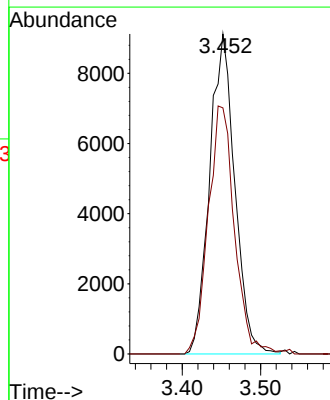
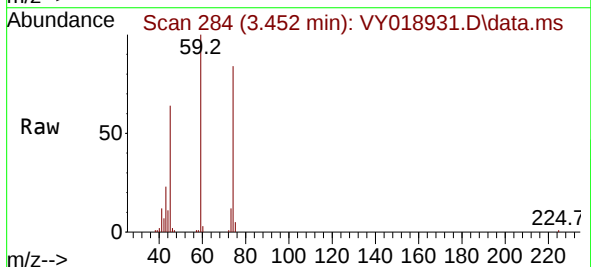
Instrument :
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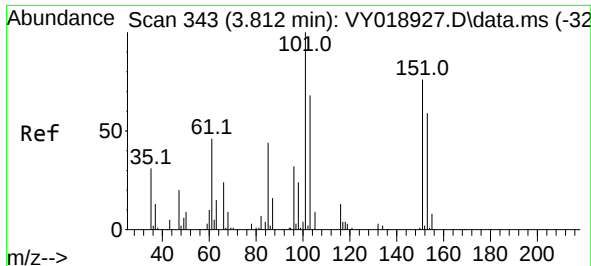
Tgt Ion:101 Resp: 121592
Ion Ratio Lower Upper
101 100
103 61.3 49.3 73.9



#8
Diethyl Ether
Concen: 49.166 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 74 Resp: 20430
Ion Ratio Lower Upper
74 100
45 80.5 41.3 124.1

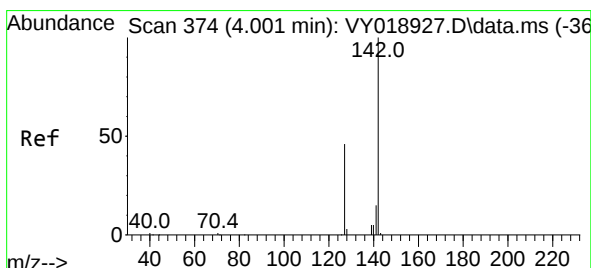
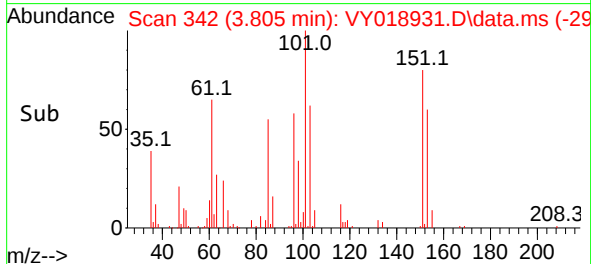
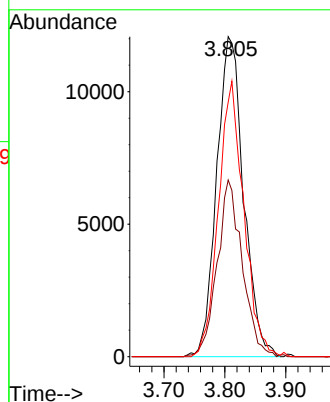
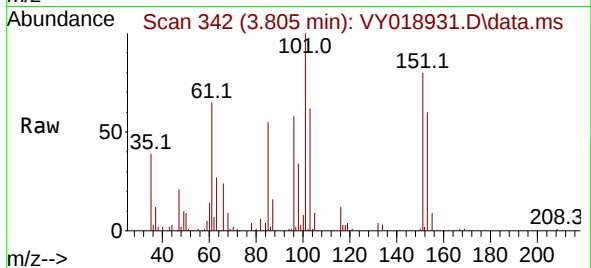




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.024 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.006 min
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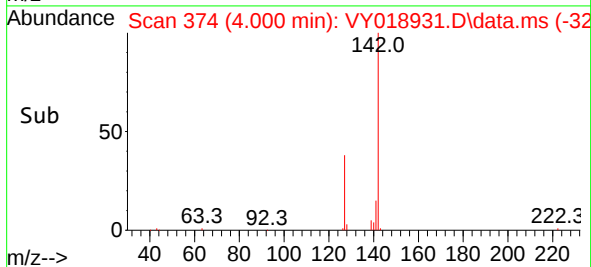
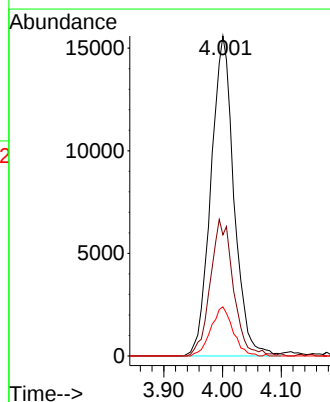
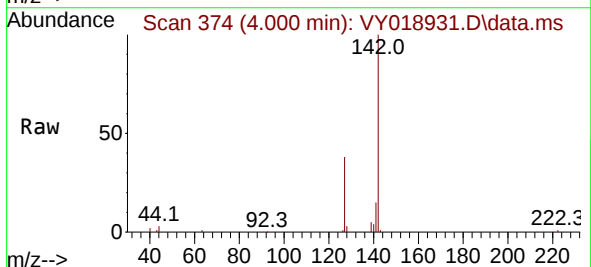
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MSVOA_Y
ClientSampleId :

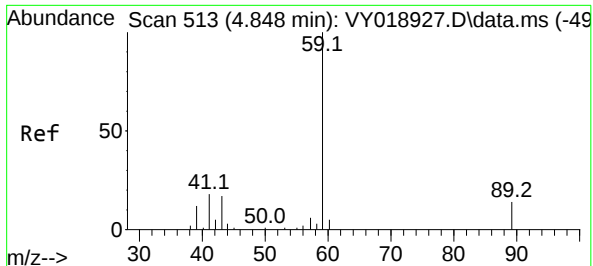
Tgt Ion:101 Resp: 37075
Ion Ratio Lower Upper
101 100
85 51.6 34.5 51.7
151 81.1 61.7 92.5



#10
Methyl Iodide
Concen: 46.635 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion:142 Resp: 42408
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 245.314 ug/l

RT: 4.842 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

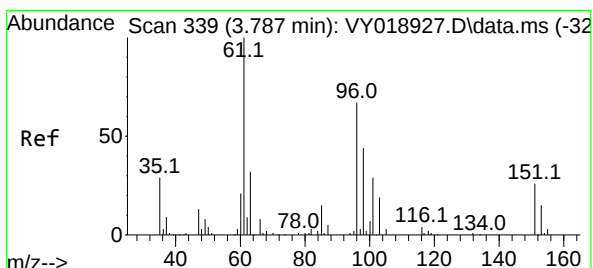
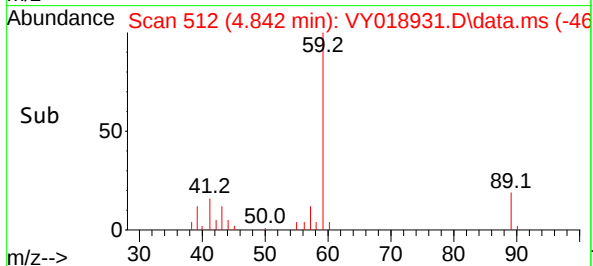
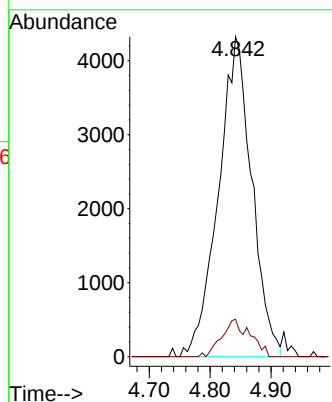
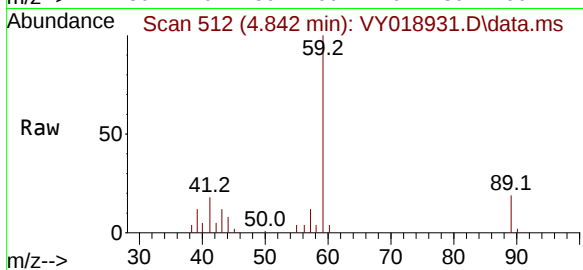
ClientSampleId :

Tgt Ion: 59 Resp: 16433

Ion Ratio Lower Upper

59 100

57 9.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 47.101 ug/l

RT: 3.781 min Scan# 338

Delta R.T. -0.006 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

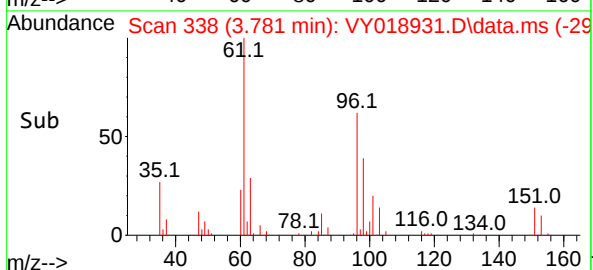
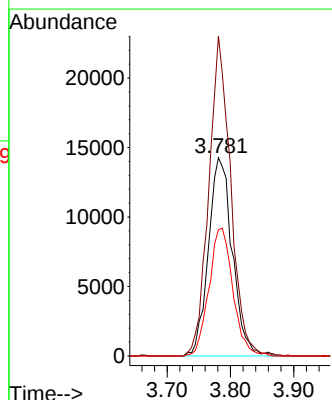
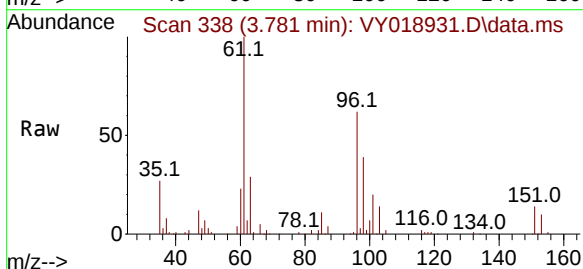
Tgt Ion: 96 Resp: 37474

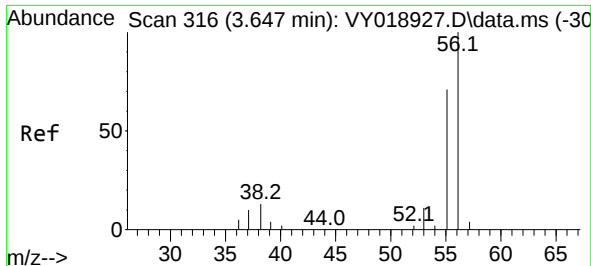
Ion Ratio Lower Upper

96 100

61 161.4 114.6 171.8

98 63.7 50.8 76.2





#13

Acrolein

Concen: 248.133 ug/l

RT: 3.641 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

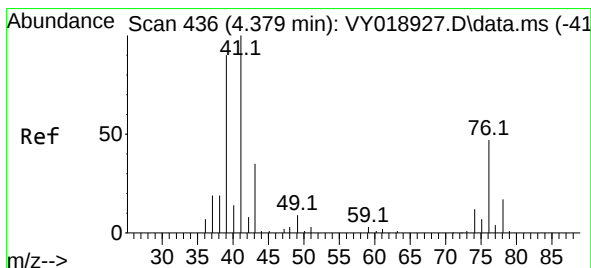
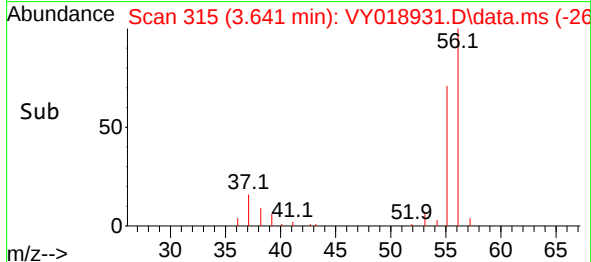
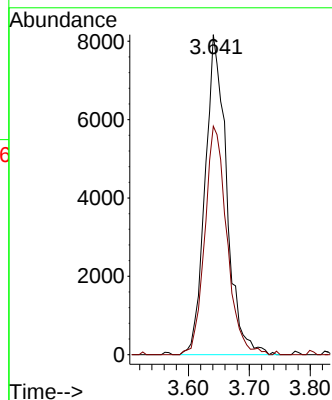
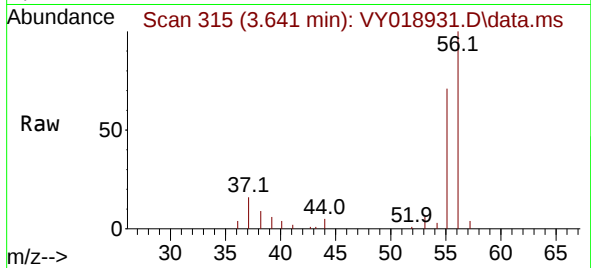
ClientSampleId :

Tgt Ion: 56 Resp: 20016

Ion Ratio Lower Upper

56 100

55 73.4 55.7 83.5



#14

Allyl chloride

Concen: 48.128 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

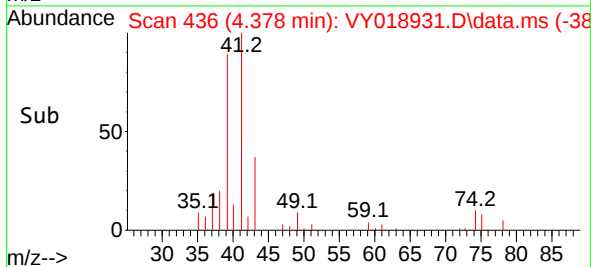
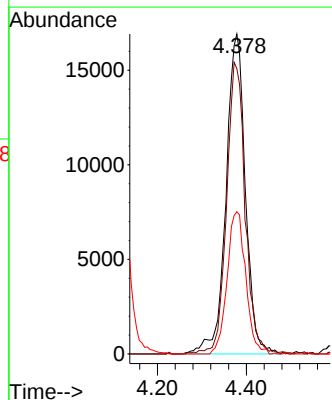
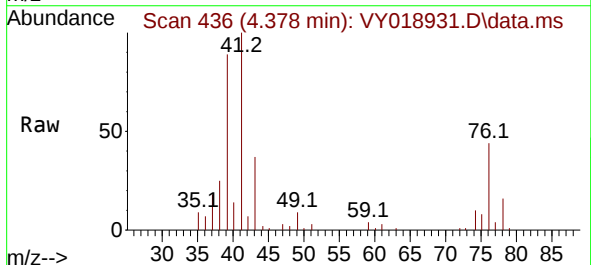
Tgt Ion: 41 Resp: 51212

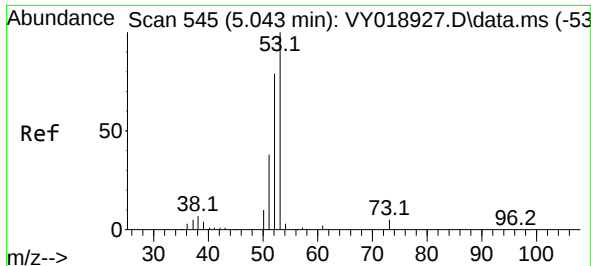
Ion Ratio Lower Upper

41 100

39 87.4 58.3 87.5

76 42.6 39.0 58.6

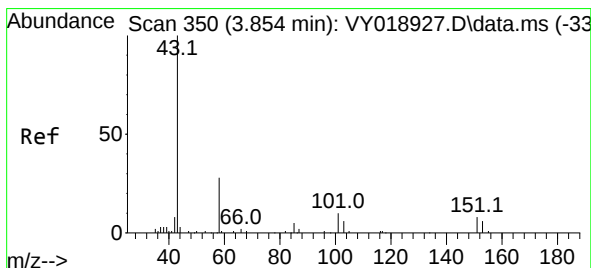
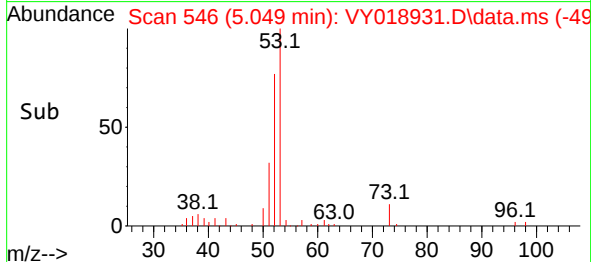
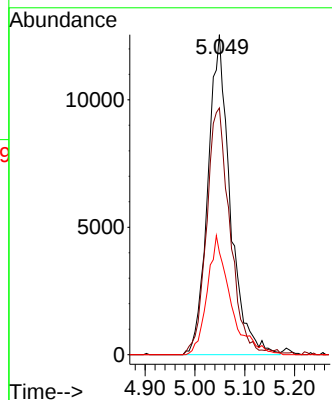
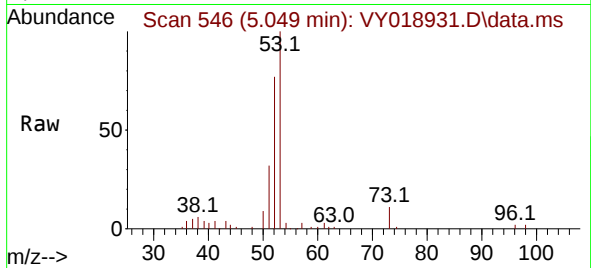




#15
Acrylonitrile
Concen: 239.912 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

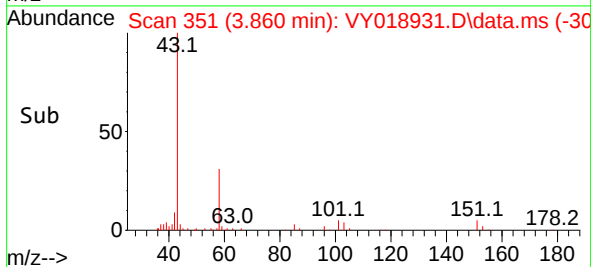
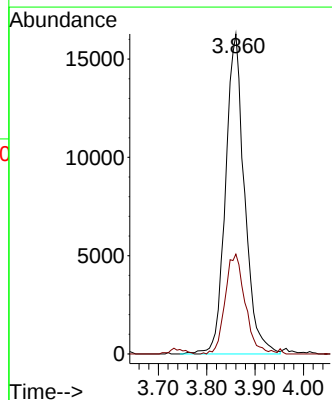
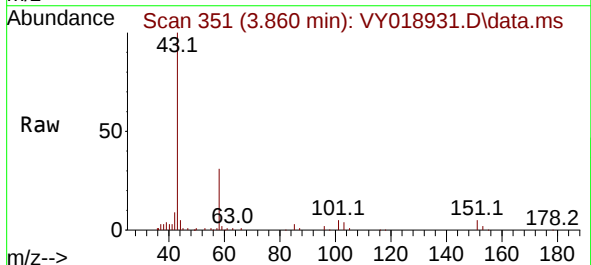
Instrument :
MSVOA_Y
ClientSampleId :

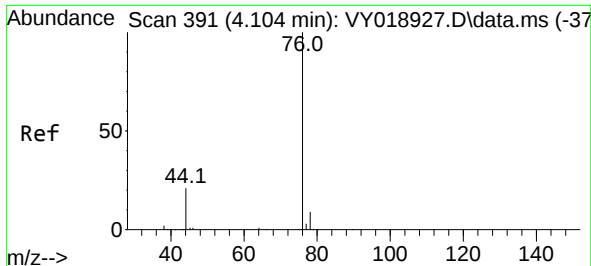
Tgt Ion: 53 Resp: 39082
Ion Ratio Lower Upper
53 100
52 80.4 64.7 97.1
51 38.6 28.4 42.6



#16
Acetone
Concen: 234.959 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 43 Resp: 44403
Ion Ratio Lower Upper
43 100
58 29.8 31.7 47.5#

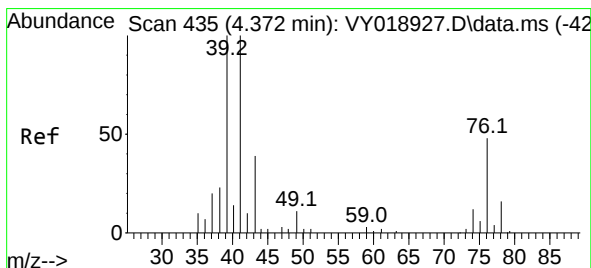
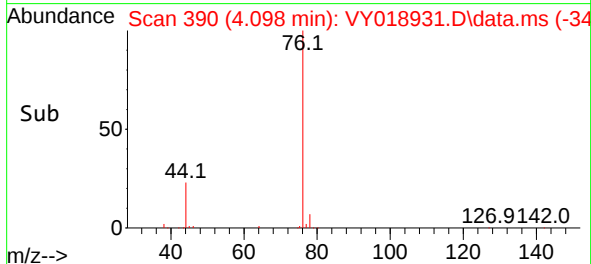
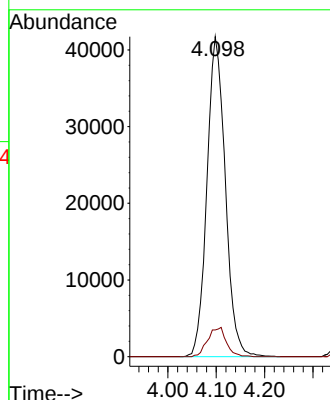
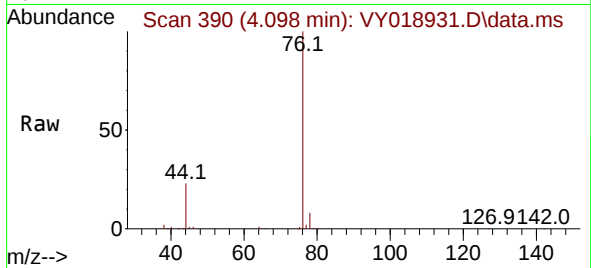




#17
Carbon Disulfide
Concen: 46.476 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

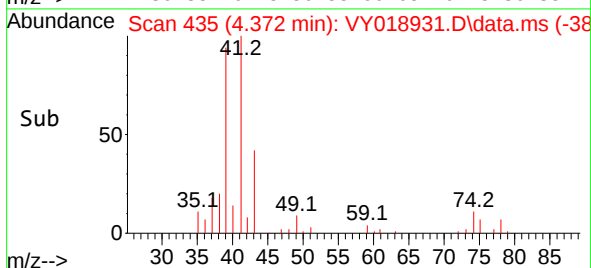
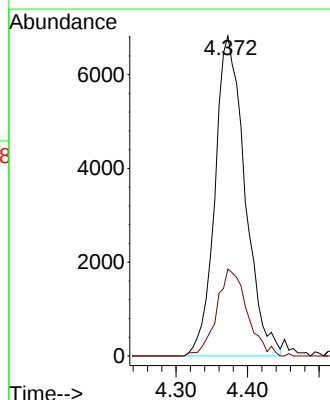
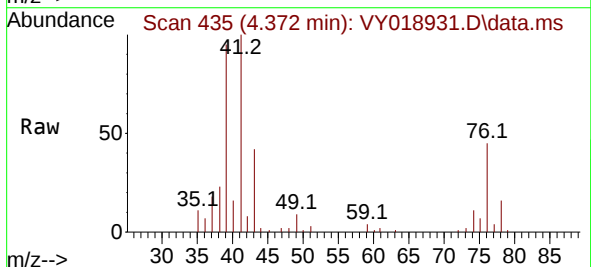
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 109920
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 46.492 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 43 Resp: 19921
Ion Ratio Lower Upper
43 100
74 27.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 48.092 ug/l

RT: 5.110 min Scan# 511

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

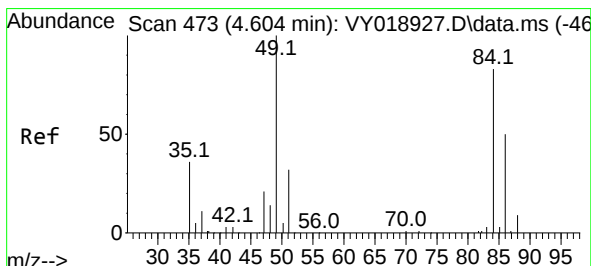
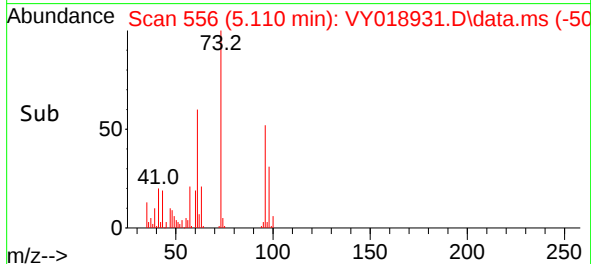
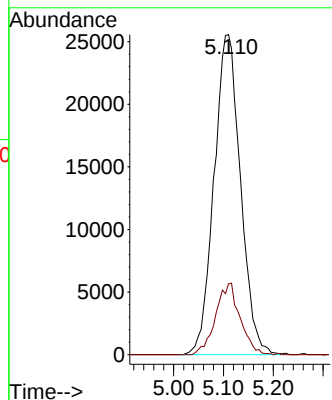
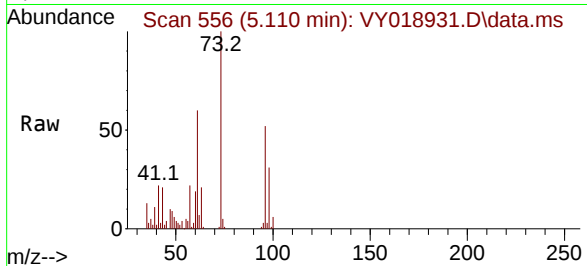
ClientSampleId :

Tgt Ion: 73 Resp: 94111

Ion Ratio Lower Upper

73 100

57 22.1 17.3 25.9



#20

Methylene Chloride

Concen: 50.748 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Tgt Ion: 84 Resp: 44888

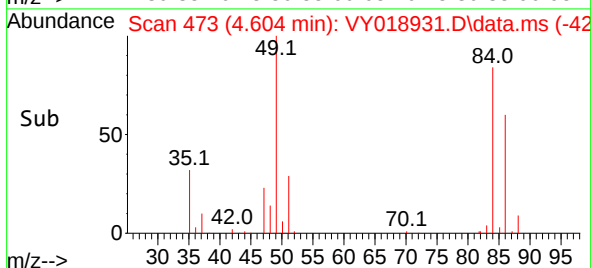
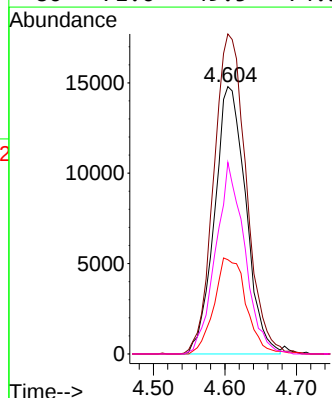
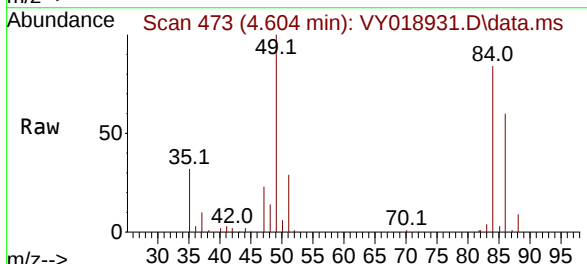
Ion Ratio Lower Upper

84 100

49 119.7 84.4 126.6

51 35.2 26.0 39.0

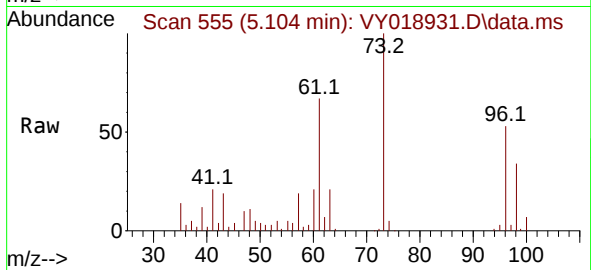
86 71.6 49.5 74.3



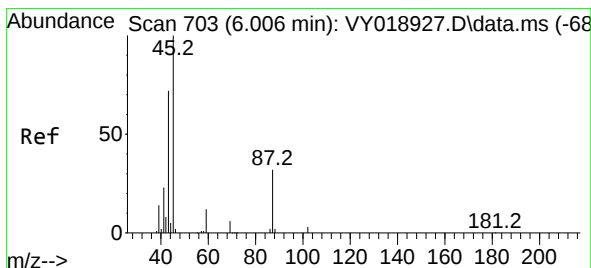
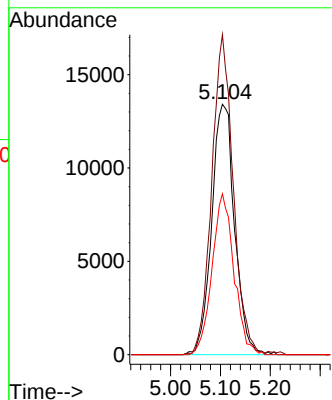
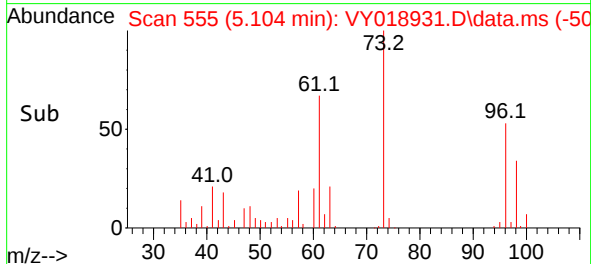


#21
trans-1,2-Dichloroethene
Concen: 48.598 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

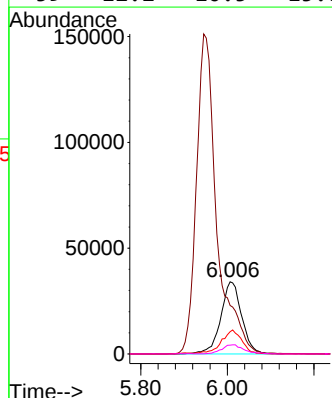
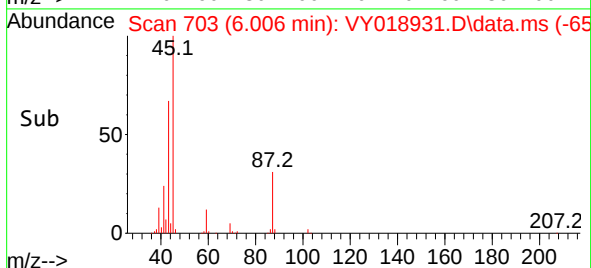
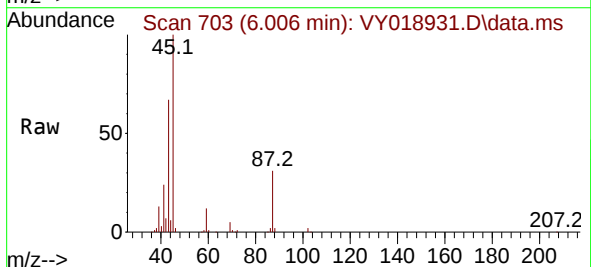


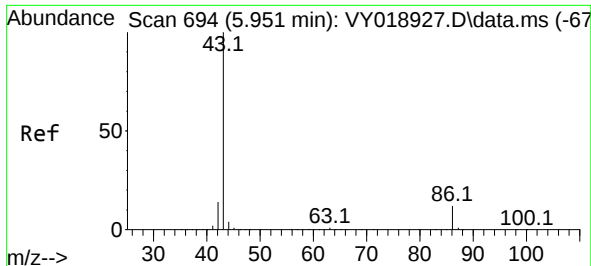
Tgt Ion: 96 Resp: 42781
Ion Ratio Lower Upper
96 100
61 127.8 97.5 146.3
98 64.2 50.5 75.7



#22
Diisopropyl ether
Concen: 49.319 ug/l
RT: 6.006 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 45 Resp: 114404
Ion Ratio Lower Upper
45 100
43 66.4 42.2 63.2#
87 30.9 25.0 37.6
59 12.2 10.5 15.7

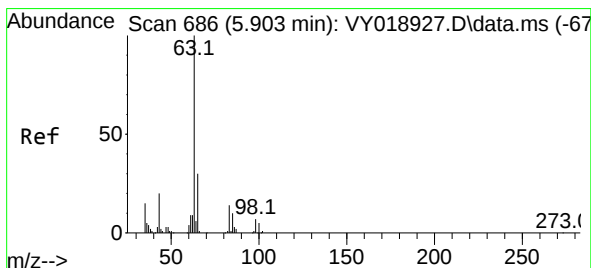
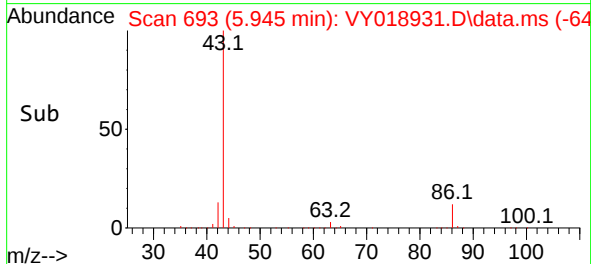
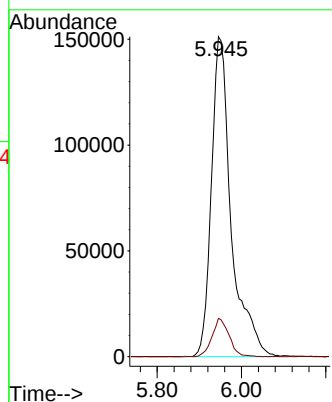
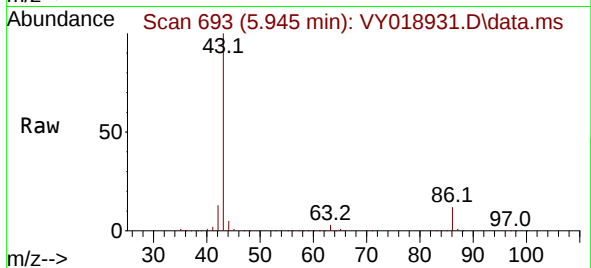




#23
 Vinyl Acetate
 Concen: 246.642 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY018931.D
 Acq: 08 Aug 2024 14:54

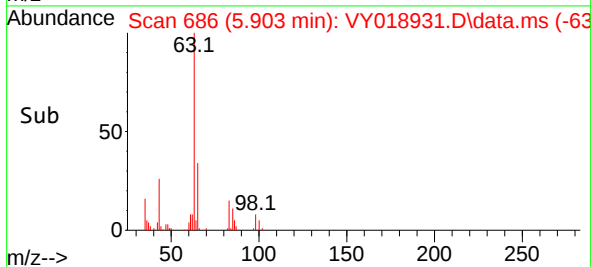
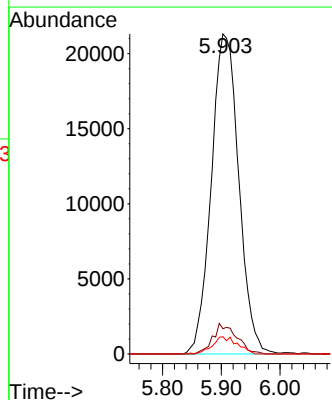
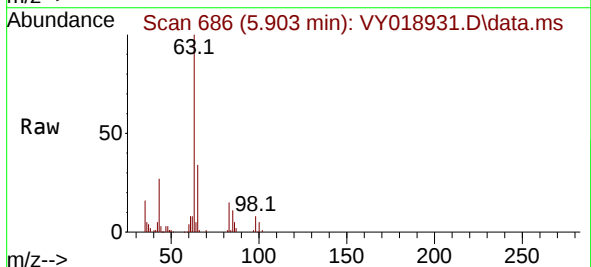
Instrument :
 MSVOA_Y
 ClientSampleId :

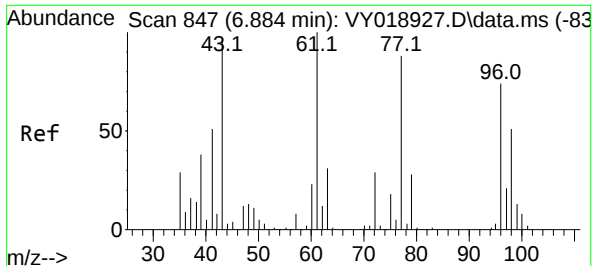
Tgt Ion: 43 Resp: 493759
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.644 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY018931.D
 Acq: 08 Aug 2024 14:54

Tgt Ion: 63 Resp: 69223
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 237.897 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

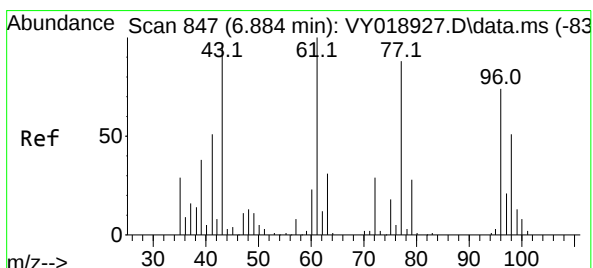
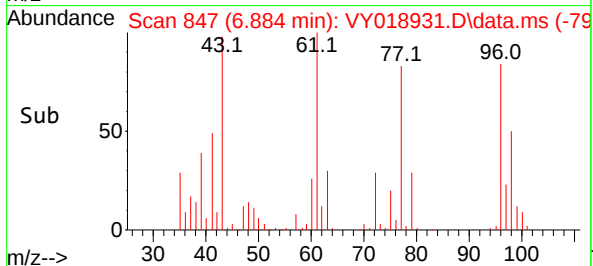
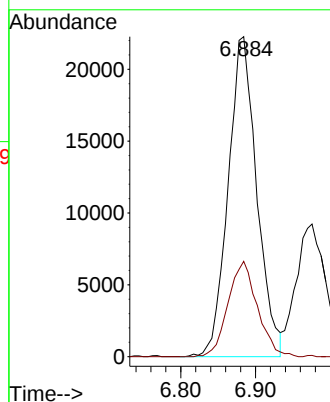
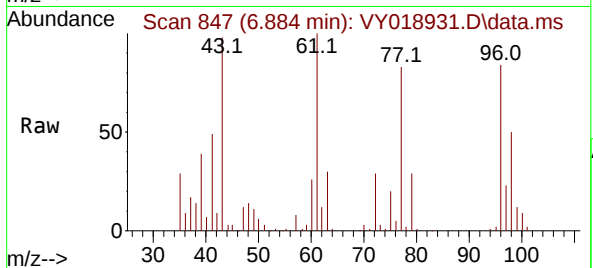
ClientSampleId :

Tgt Ion: 43 Resp: 59382

Ion Ratio Lower Upper

43 100

72 29.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.055 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018931.D

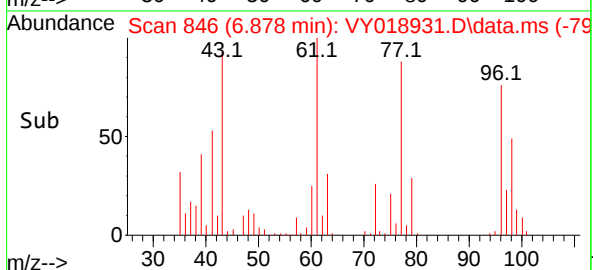
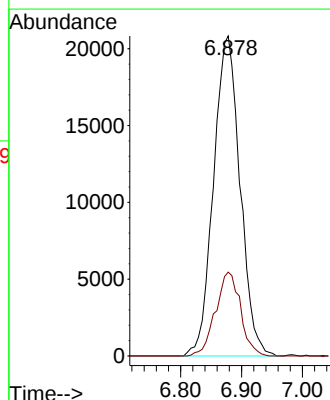
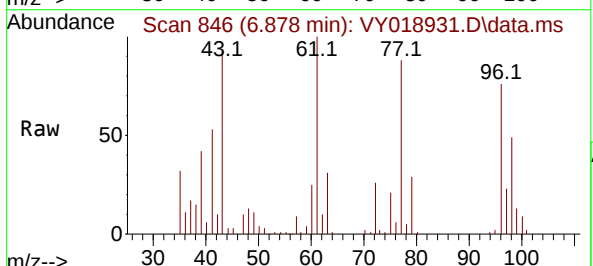
Acq: 08 Aug 2024 14:54

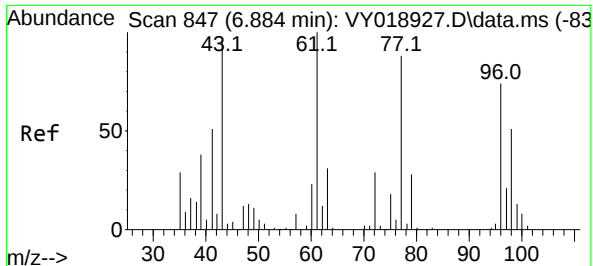
Tgt Ion: 77 Resp: 63024

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 48.079 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

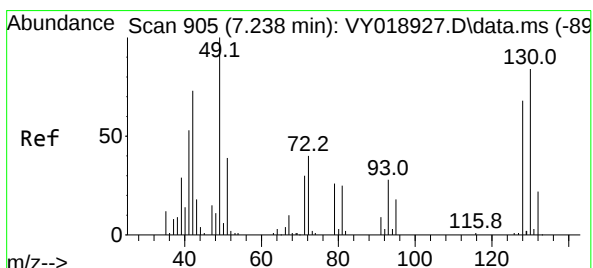
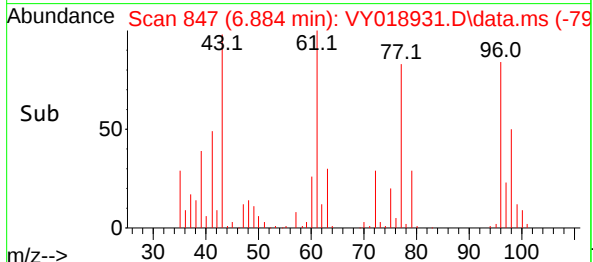
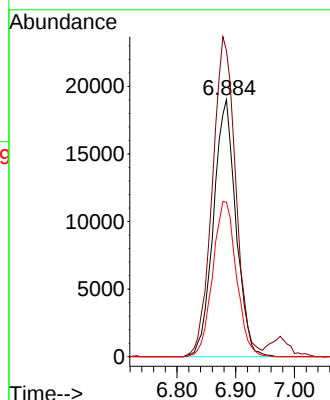
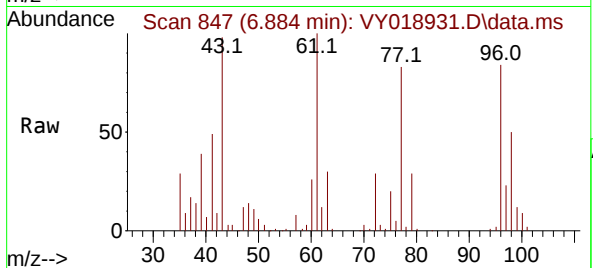
Tgt Ion: 96 Resp: 50640

Ion Ratio Lower Upper

96 100

61 129.0 0.0 256.2

98 63.4 0.0 130.0



#28

Bromochloromethane

Concen: 49.180 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

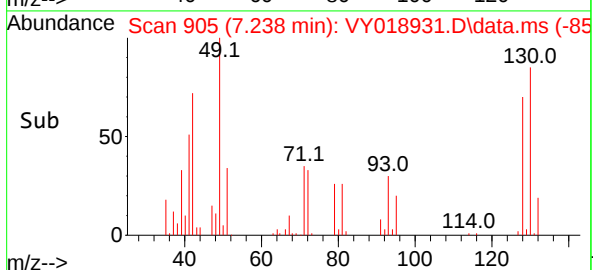
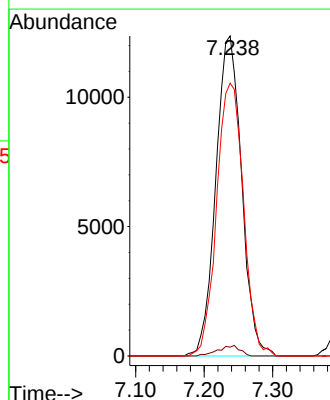
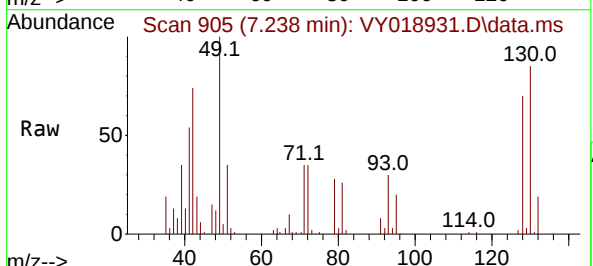
Tgt Ion: 49 Resp: 32220

Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 88.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 233.340 ug/l

RT: 7.256 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

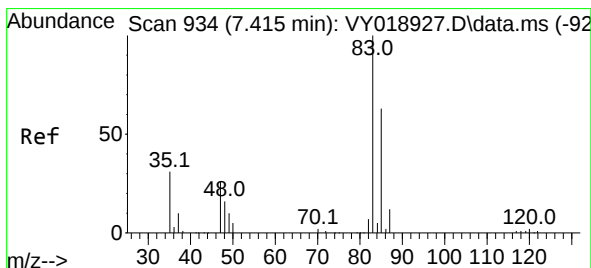
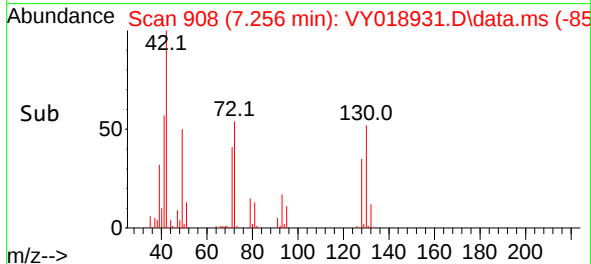
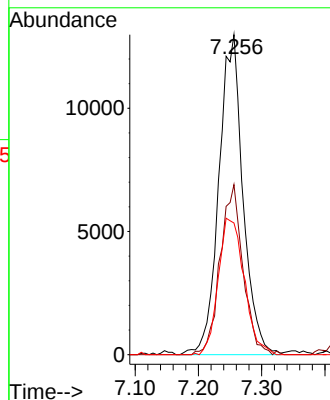
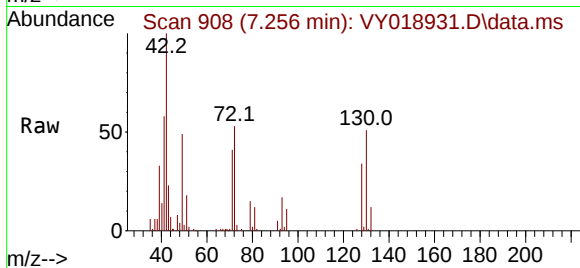
Tgt Ion: 42 Resp: 34344

Ion Ratio Lower Upper

42 100

72 50.1 43.0 64.4

71 45.9 40.8 61.2



#30

Chloroform

Concen: 48.732 ug/l

RT: 7.408 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY018931.D

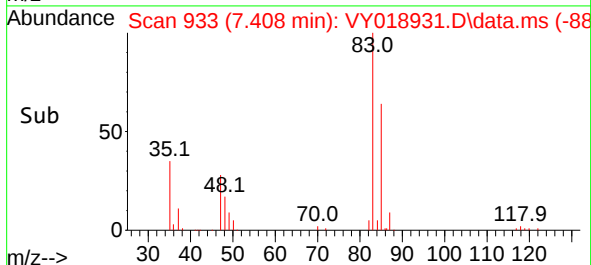
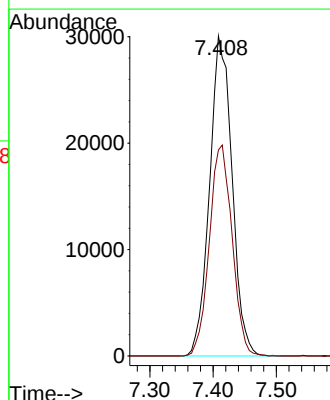
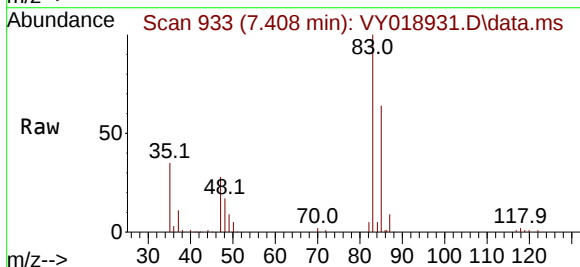
Acq: 08 Aug 2024 14:54

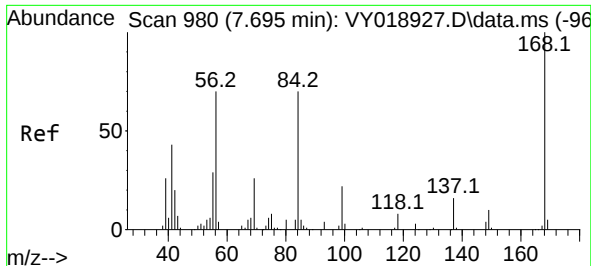
Tgt Ion: 83 Resp: 74182

Ion Ratio Lower Upper

83 100

85 64.4 52.2 78.4

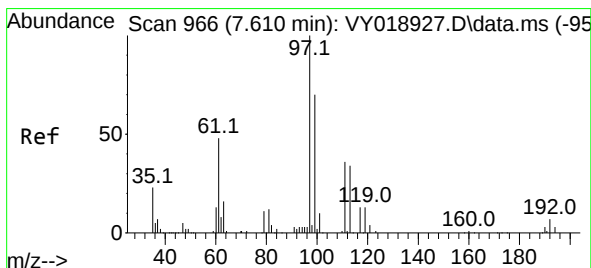
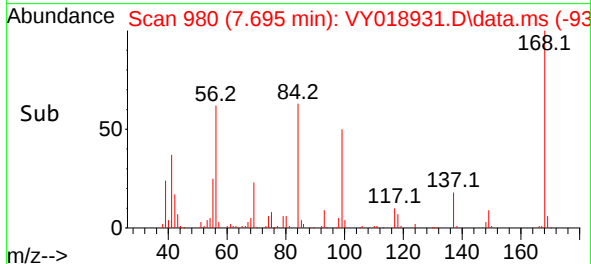
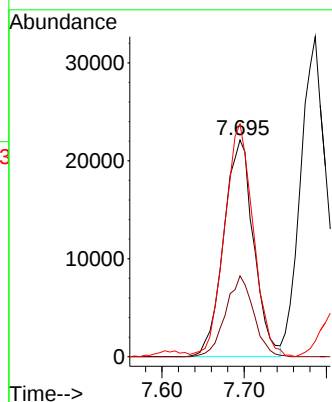
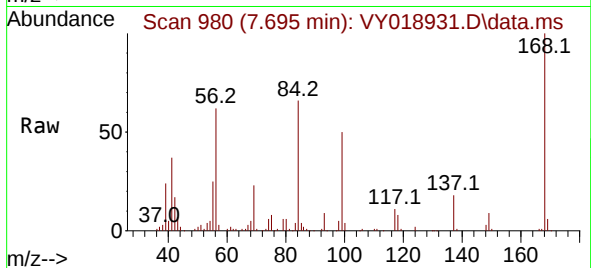




#31
Cyclohexane
Concen: 46.250 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

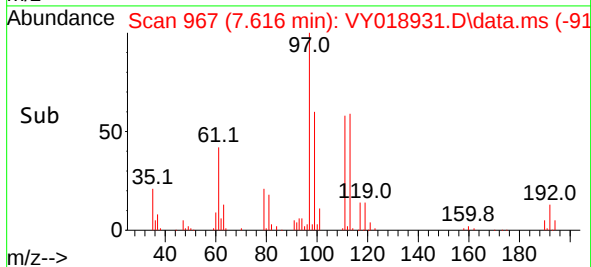
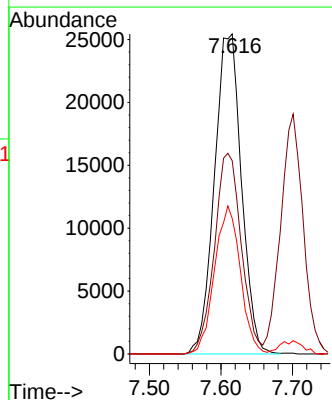
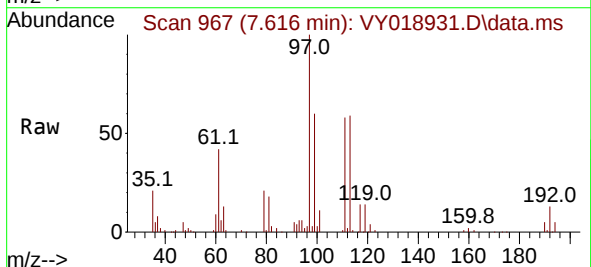
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 56098
Ion Ratio Lower Upper
56 100
69 37.3 28.7 43.1
84 105.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 48.602 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 97 Resp: 66876
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 44.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.299 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

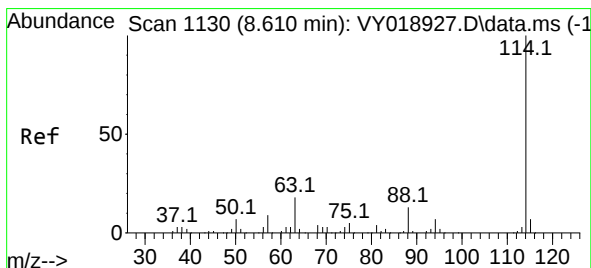
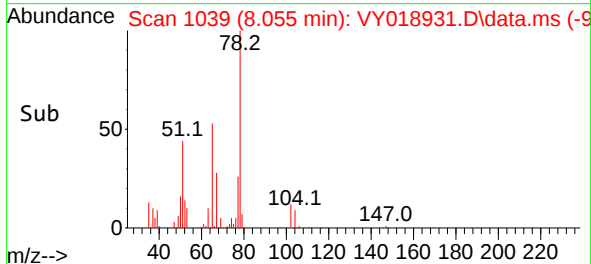
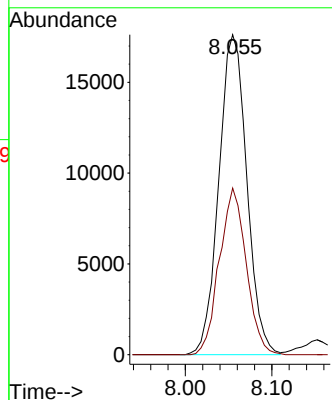
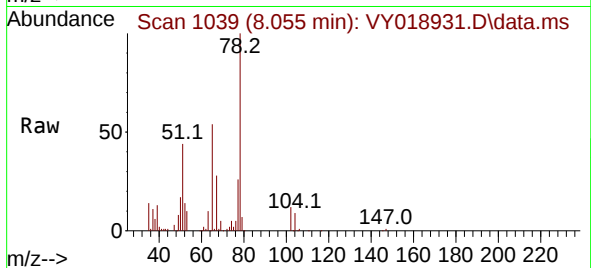
ClientSampleId :

Tgt Ion: 65 Resp: 39548

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

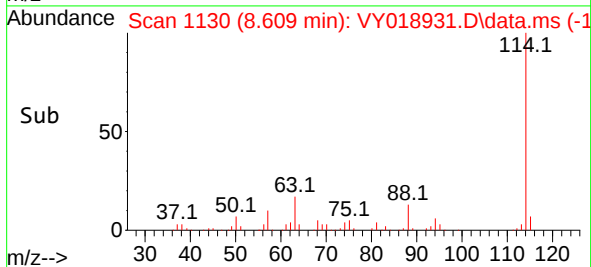
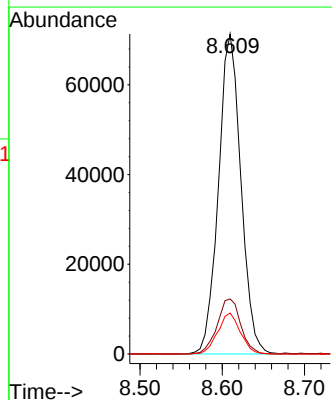
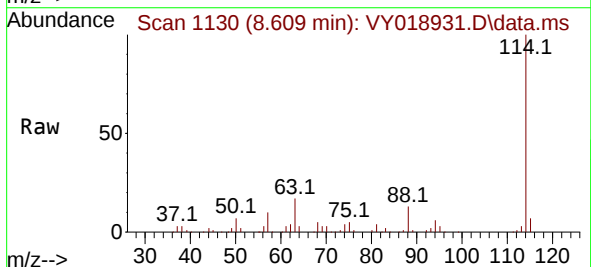
Tgt Ion: 114 Resp: 135450

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 12.8 0.0 27.2

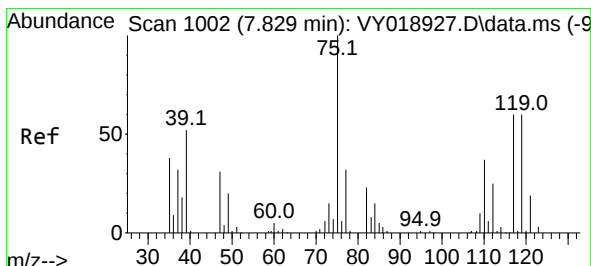
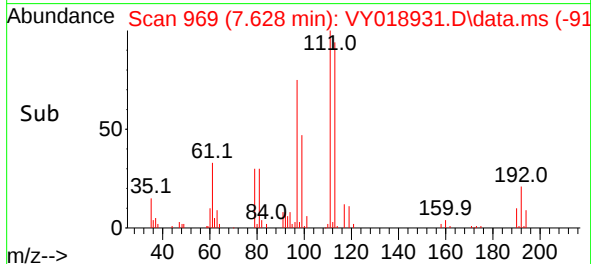
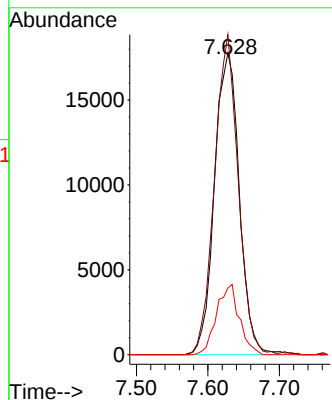
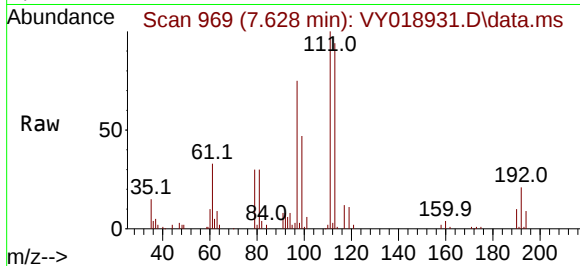




#35
Dibromofluoromethane
Concen: 49.455 ug/l
RT: 7.628 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

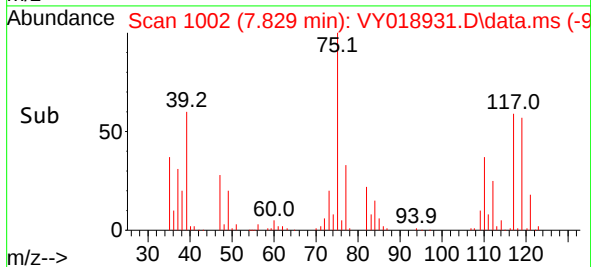
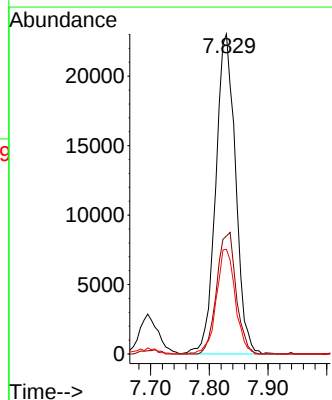
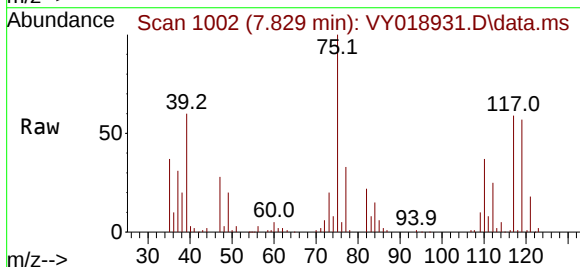
Instrument :
MSVOA_Y
ClientSampleId :

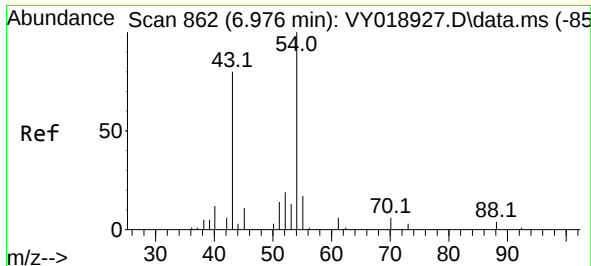
Tgt Ion:113 Resp: 42784
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 21.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.467 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 75 Resp: 53961
Ion Ratio Lower Upper
75 100
110 37.2 19.0 57.0
77 31.3 25.3 37.9

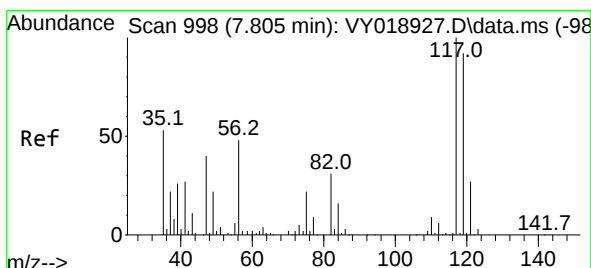
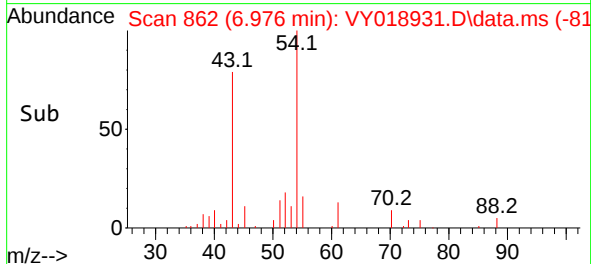
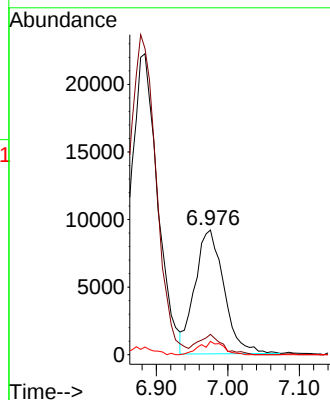
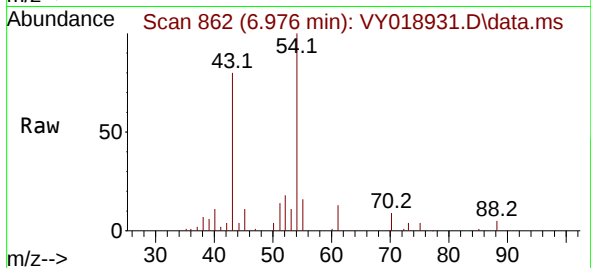




#37
Ethyl Acetate
Concen: 48.639 ug/l
RT: 6.976 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

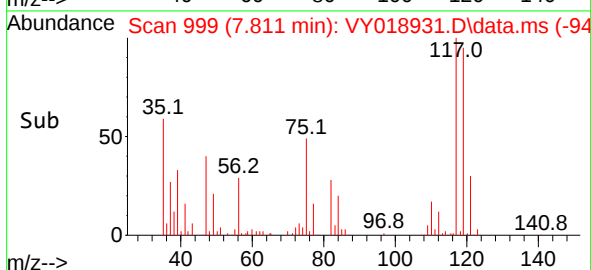
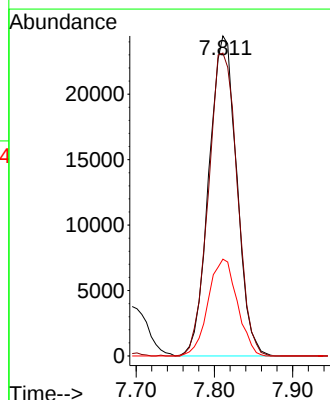
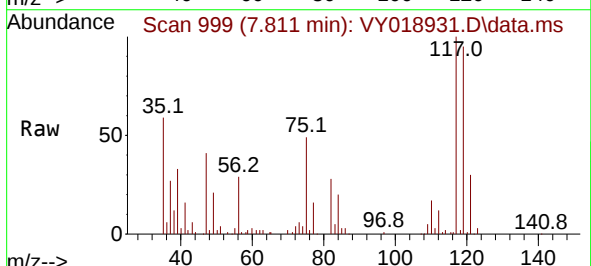
Instrument :
MSVOA_Y
ClientSampleId :

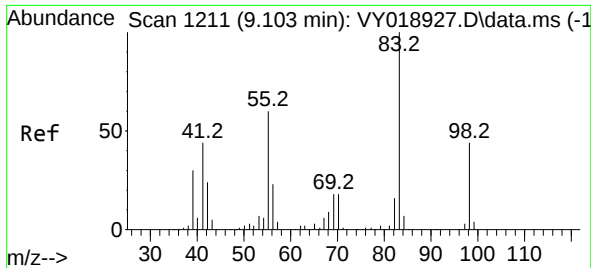
Tgt Ion: 43 Resp: 25817
Ion Ratio Lower Upper
43 100
61 13.6 12.6 19.0
70 8.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 45.334 ug/l
RT: 7.811 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 117 Resp: 60362
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.6
121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 45.472 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

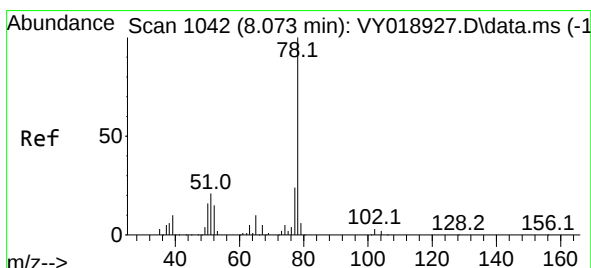
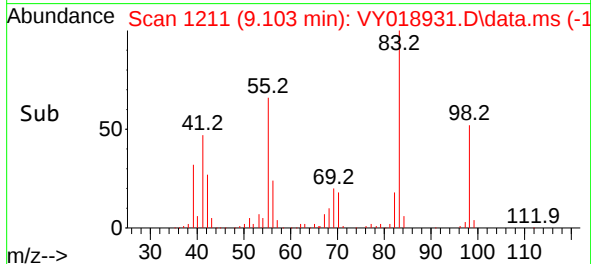
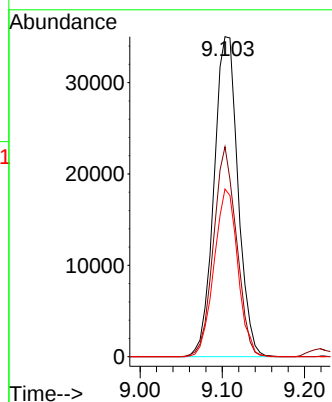
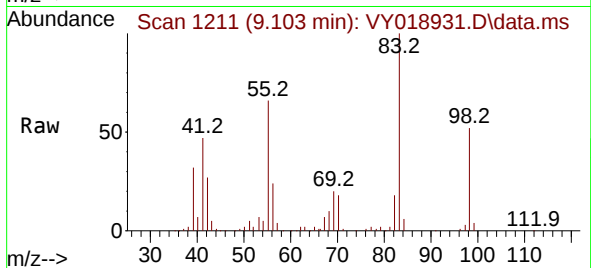
Tgt Ion: 83 Resp: 71078

Ion Ratio Lower Upper

83 100

55 65.6 51.5 77.3

98 52.4 40.5 60.7



#40

Benzene

Concen: 47.706 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY018931.D

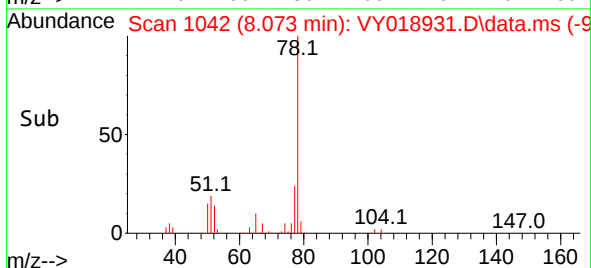
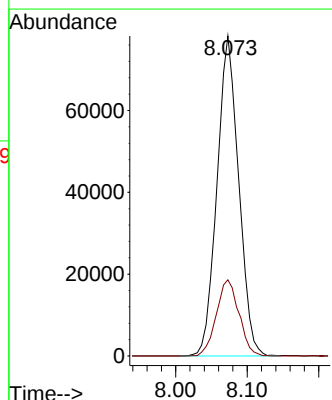
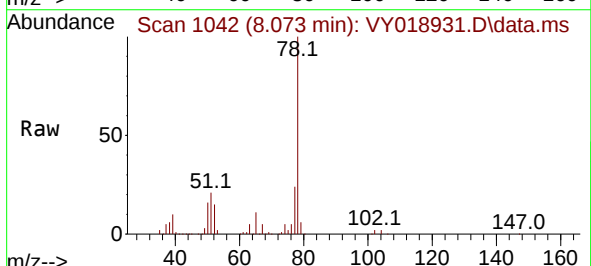
Acq: 08 Aug 2024 14:54

Tgt Ion: 78 Resp: 164718

Ion Ratio Lower Upper

78 100

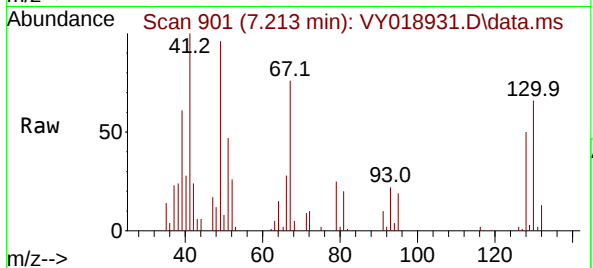
77 23.8 19.5 29.3



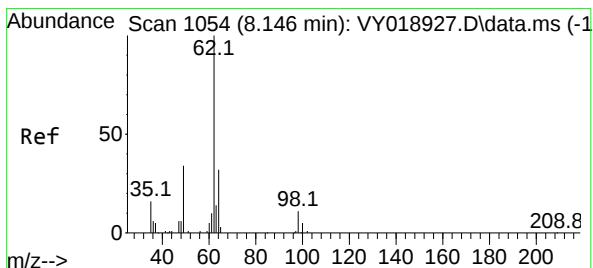
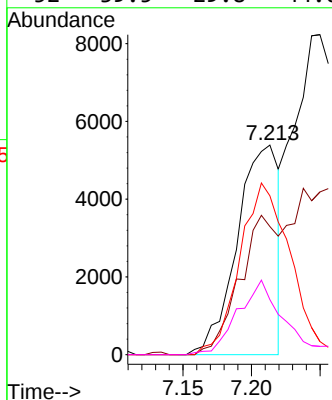
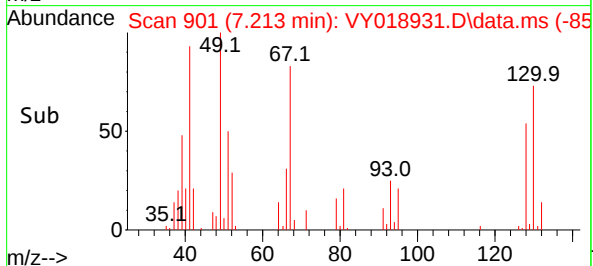


#41
Methacrylonitrile
Concen: 47.953 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

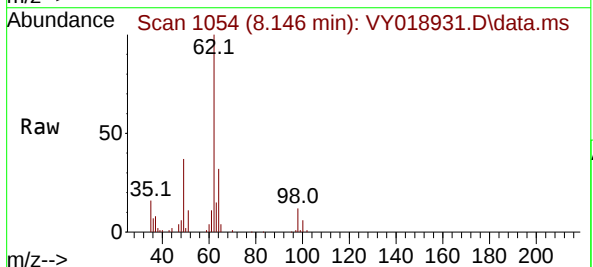
Instrument :
MSVOA_Y
ClientSampleId :



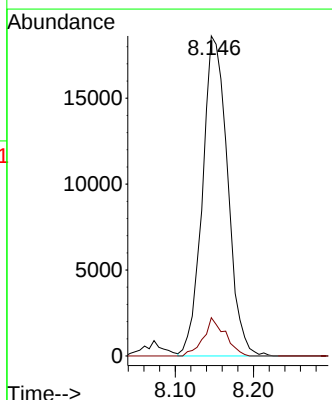
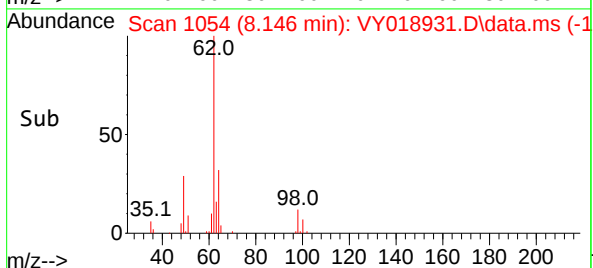
Tgt Ion:	41	Resp:	11398
Ion	Ratio	Lower	Upper
41	100		
39	61.1	48.0	72.0
67	98.6	75.1	112.7
52	39.5	29.8	44.6

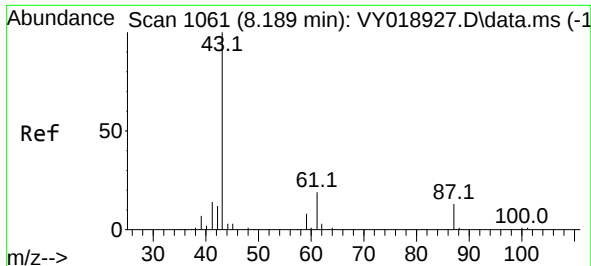


#42
1,2-Dichloroethane
Concen: 48.255 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54



Tgt Ion:	62	Resp:	41478
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0

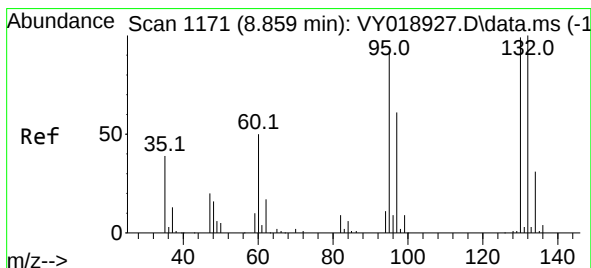
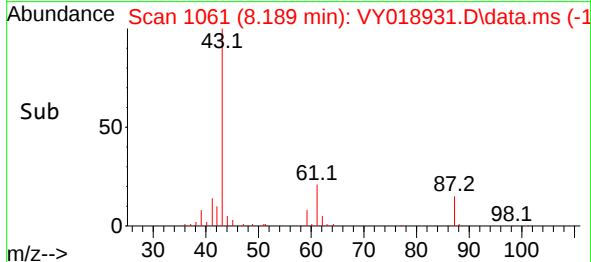
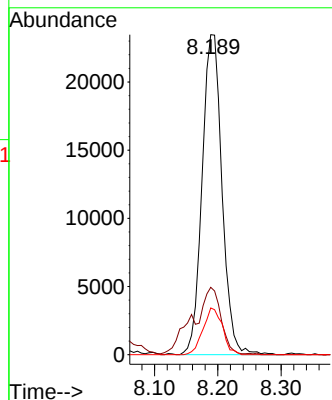
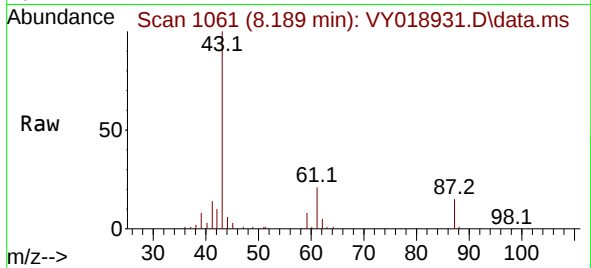




#43
Isopropyl Acetate
Concen: 47.727 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

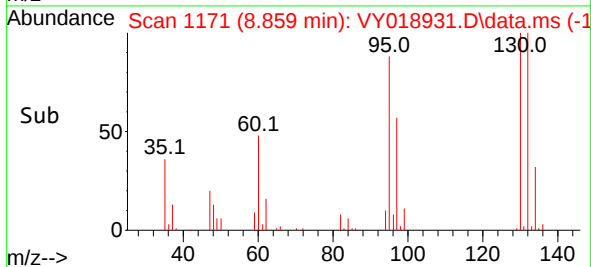
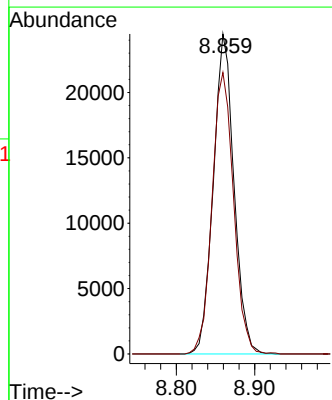
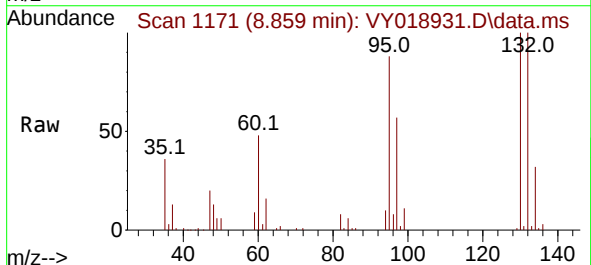
Instrument :
MSVOA_Y
ClientSampleId :

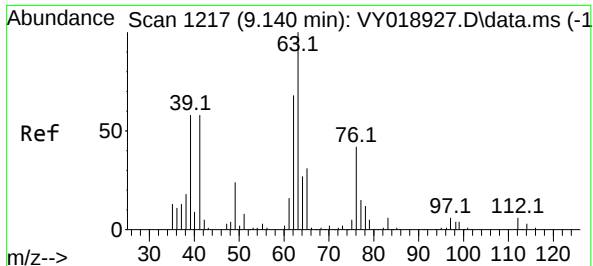
Tgt Ion: 43 Resp: 51519
Ion Ratio Lower Upper
43 100
61 19.6 27.9 41.9#
87 14.2 13.1 19.7



#44
Trichloroethene
Concen: 45.588 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion:130 Resp: 44867
Ion Ratio Lower Upper
130 100
95 87.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 46.963 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

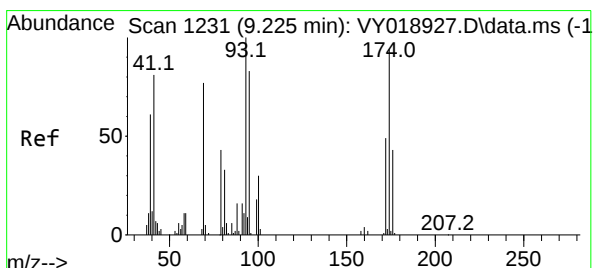
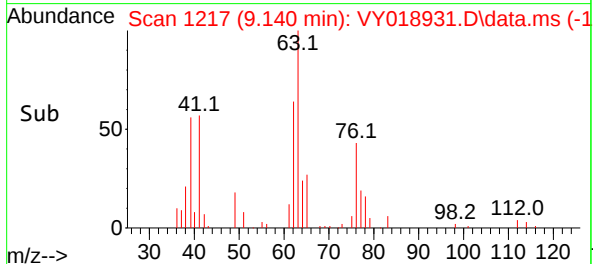
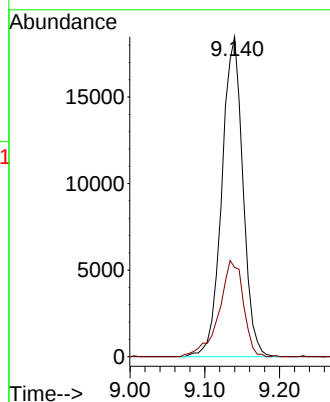
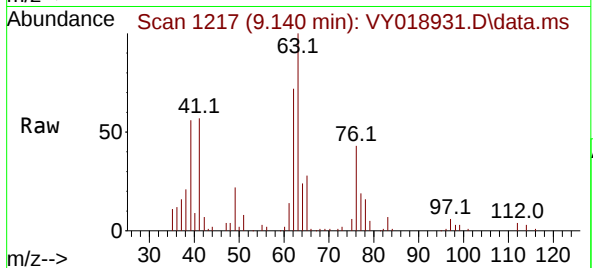
ClientSampleId :

Tgt Ion: 63 Resp: 36283

Ion Ratio Lower Upper

63 100

65 27.9 25.4 38.2



#46

Dibromomethane

Concen: 47.885 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

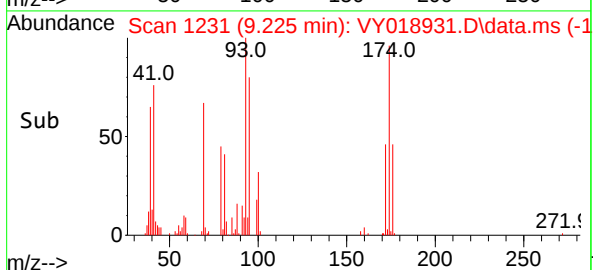
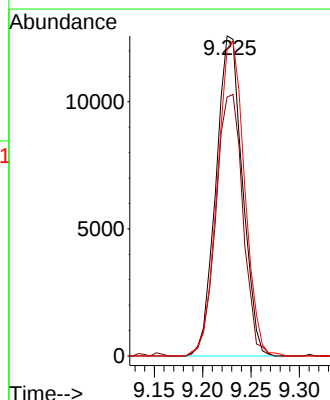
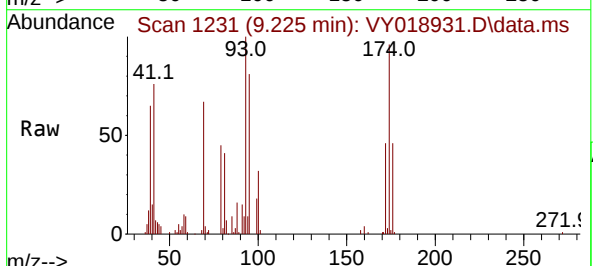
Tgt Ion: 93 Resp: 23904

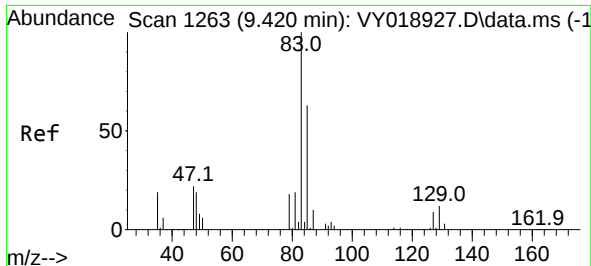
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 101.4 80.9 121.3

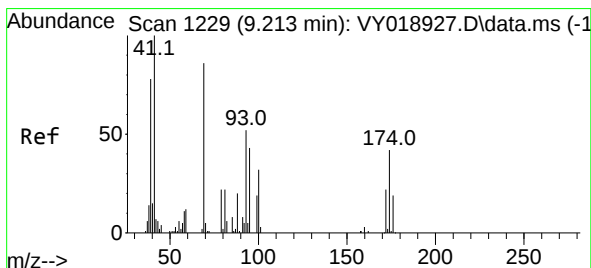
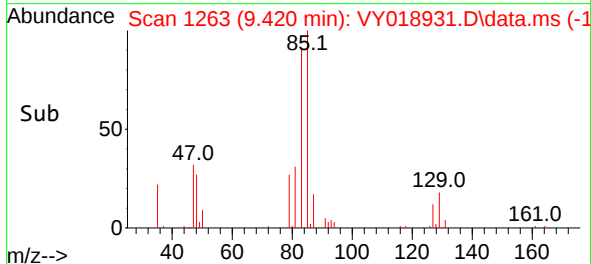
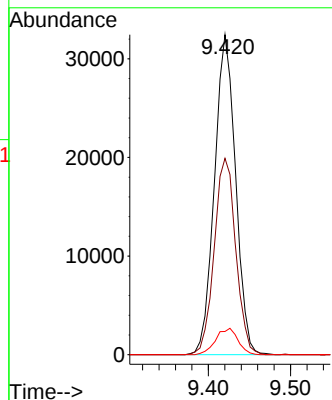
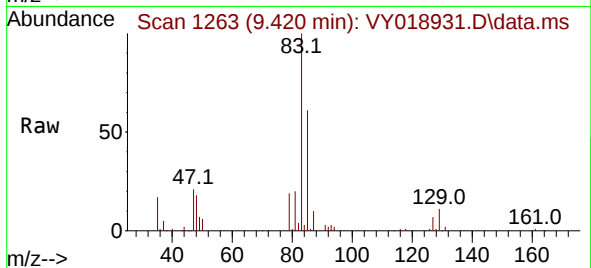




#47
Bromodichloromethane
Concen: 49.568 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

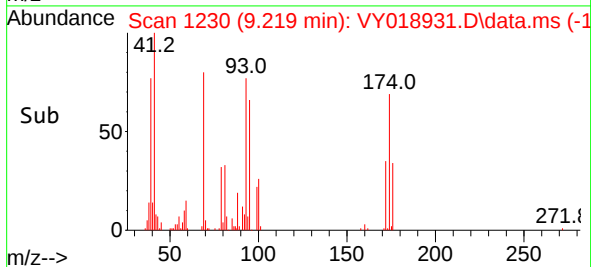
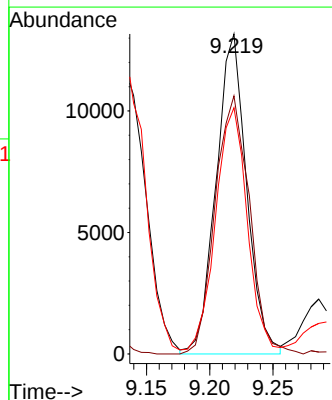
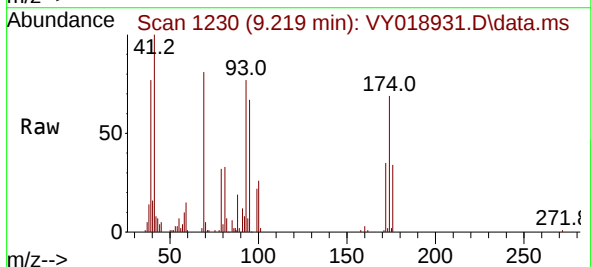
Instrument :
MSVOA_Y
ClientSampleId :

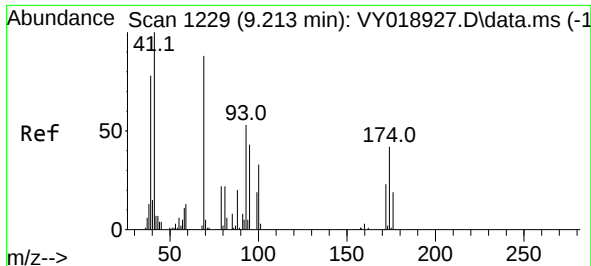
Tgt Ion: 83 Resp: 57905
Ion Ratio Lower Upper
83 100
85 61.4 50.1 75.1
127 7.3 7.4 11.0#



#48
Methyl methacrylate
Concen: 46.869 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 41 Resp: 22102
Ion Ratio Lower Upper
41 100
69 90.3 84.1 126.1
39 78.2 43.6 65.4#





#49

1,4-Dioxane

Concen: 873.894 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

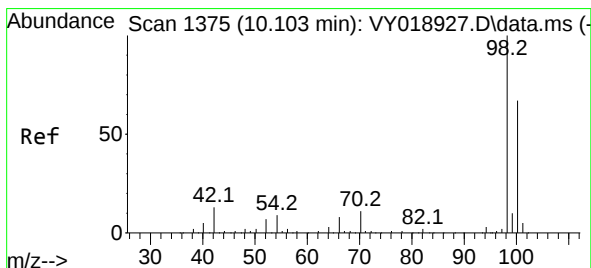
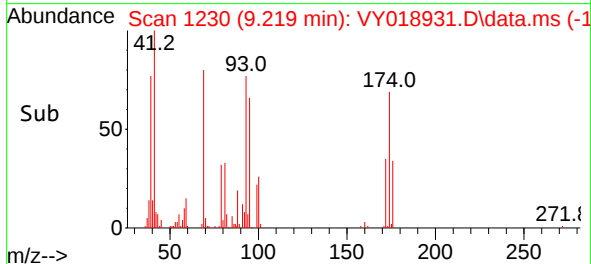
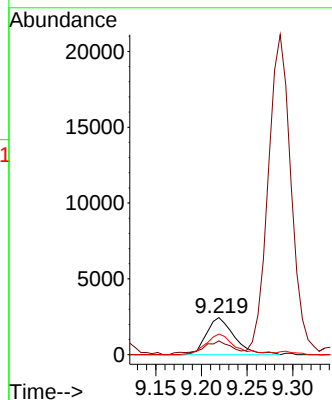
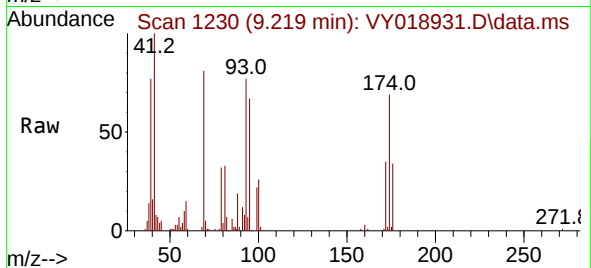
Tgt Ion: 88 Resp: 5154

Ion Ratio Lower Upper

88 100

43 38.6 0.0 0.0#

58 56.6 49.3 73.9



#50

Toluene-d8

Concen: 48.204 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY018931.D

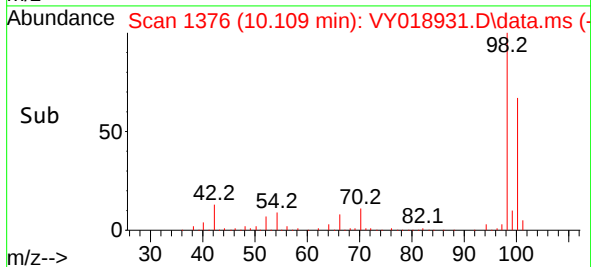
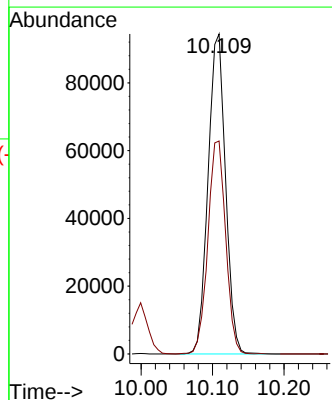
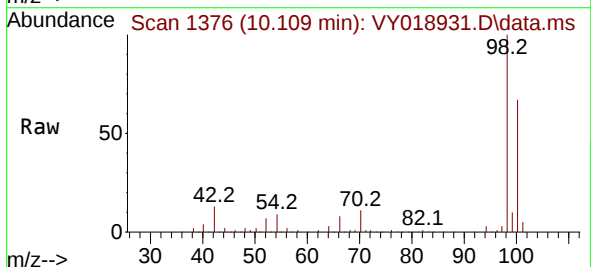
Acq: 08 Aug 2024 14:54

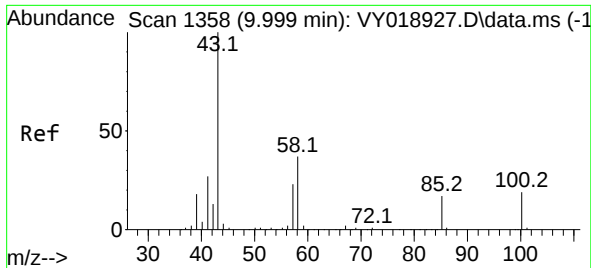
Tgt Ion: 98 Resp: 160177

Ion Ratio Lower Upper

98 100

100 67.8 52.0 78.0

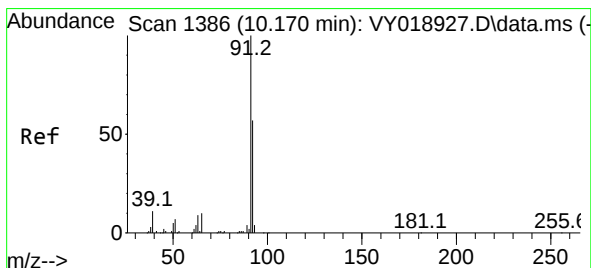
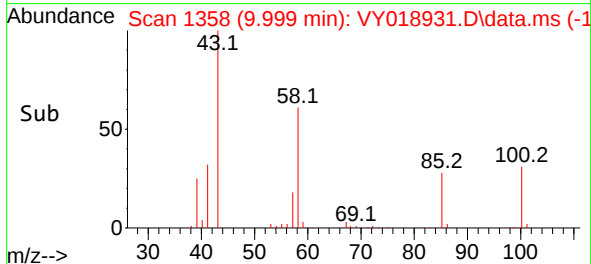
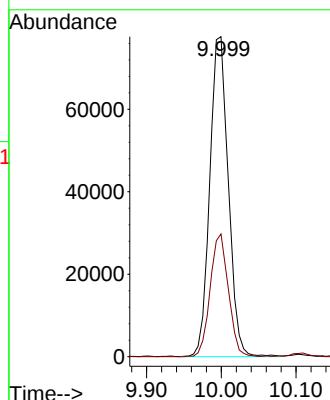
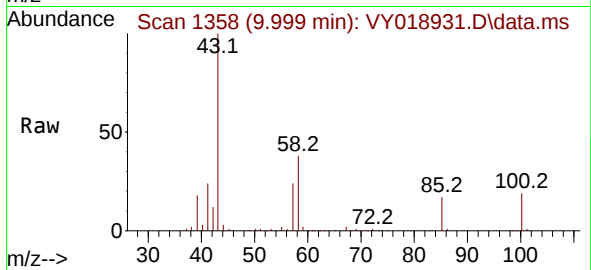




#51
4-Methyl-2-Pentanone
Concen: 240.412 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

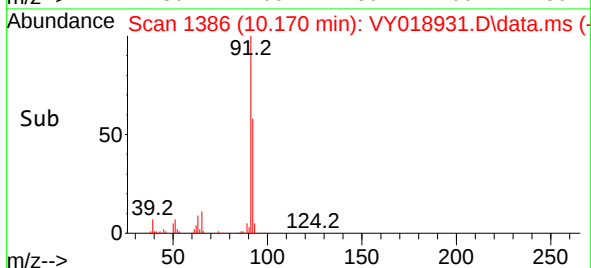
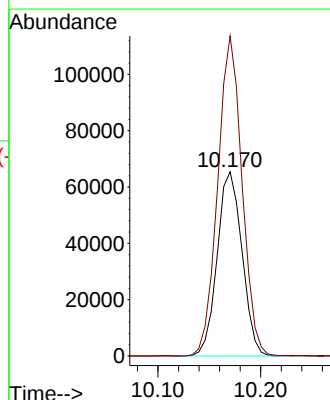
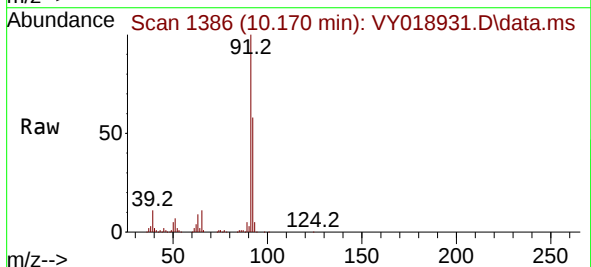
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 133841
Ion Ratio Lower Upper
43 100
58 37.6 35.7 53.5



#52
Toluene
Concen: 47.697 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 92 Resp: 109395
Ion Ratio Lower Upper
92 100
91 170.5 139.0 208.6

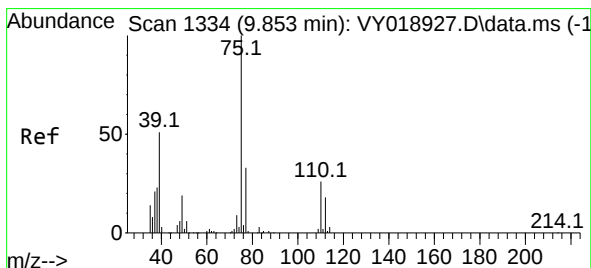
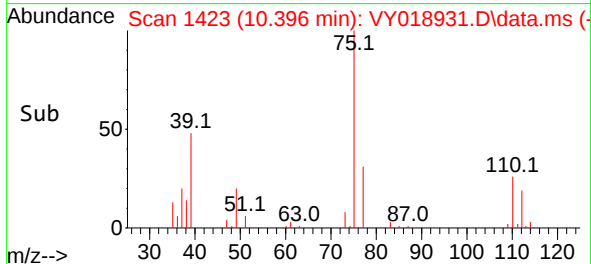
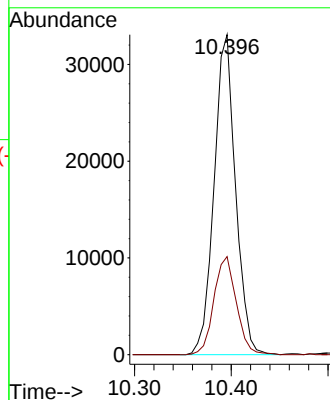
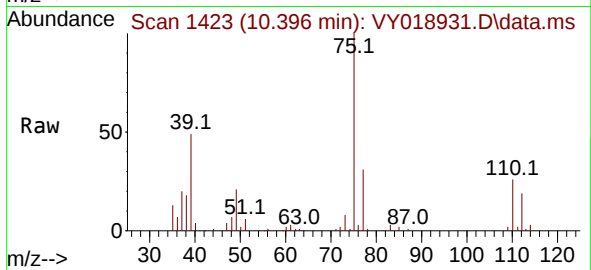




#53
t-1,3-Dichloropropene
Concen: 48.873 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

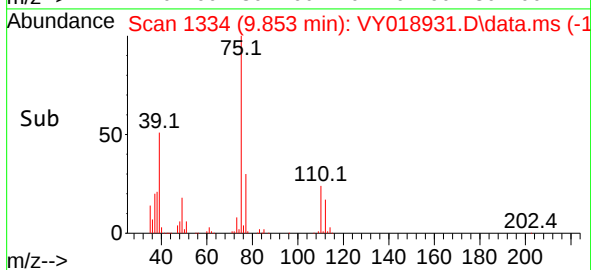
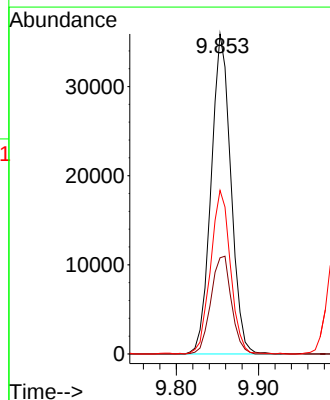
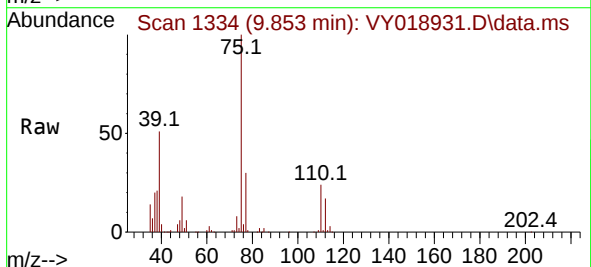
Instrument :
MSVOA_Y
ClientSampleId :

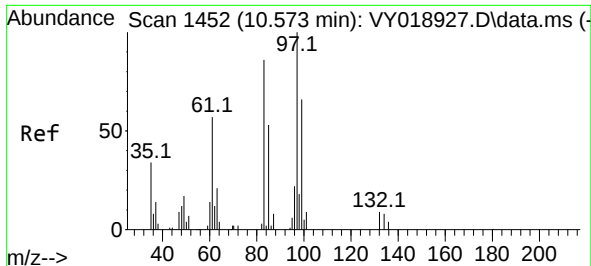
Tgt Ion: 75 Resp: 50914
Ion Ratio Lower Upper
75 100
77 30.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 48.339 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

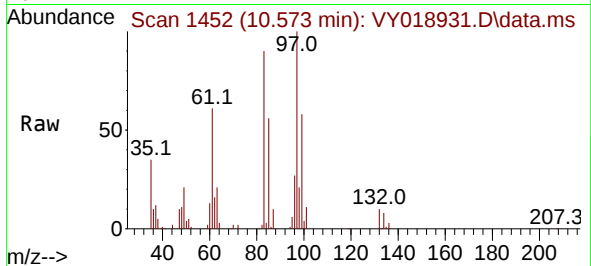
Tgt Ion: 75 Resp: 59817
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0
39 50.9 29.8 44.6#



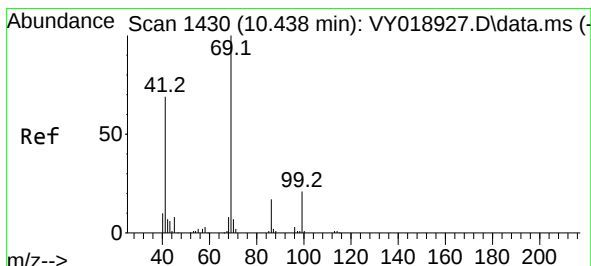
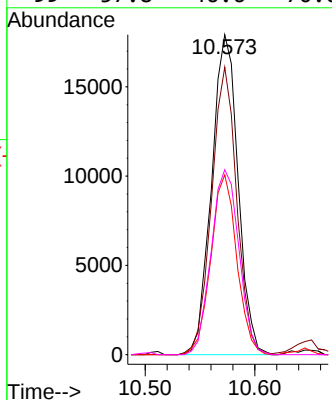
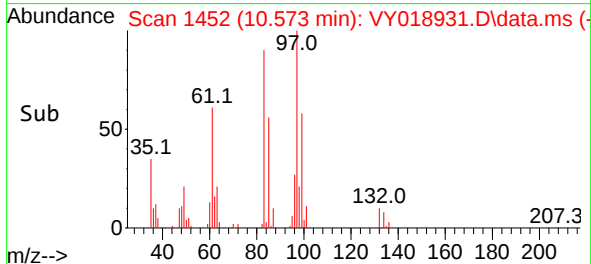


#55
1,1,2-Trichloroethane
Concen: 49.044 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

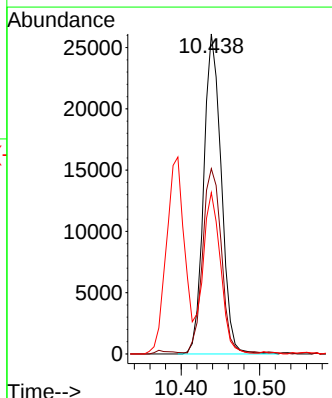
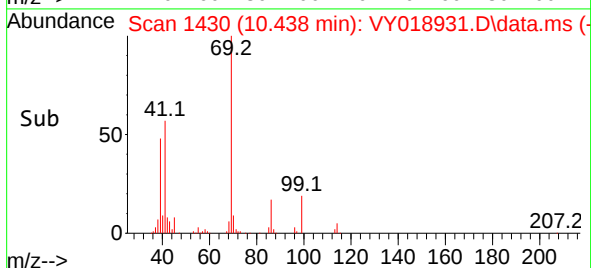
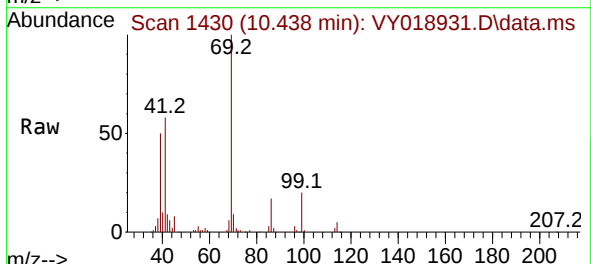


Tgt Ion:	97	Resp:	30066
Ion	Ratio	Lower	Upper
97	100		
83	89.9	67.5	101.3
85	56.2	42.9	64.3
99	57.8	46.6	70.0



#56
Ethyl methacrylate
Concen: 48.854 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion:	69	Resp:	40551
Ion	Ratio	Lower	Upper
69	100		
41	60.7	42.3	63.5
39	50.5	22.9	34.3





#57

1,3-Dichloropropane

Concen: 49.232 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

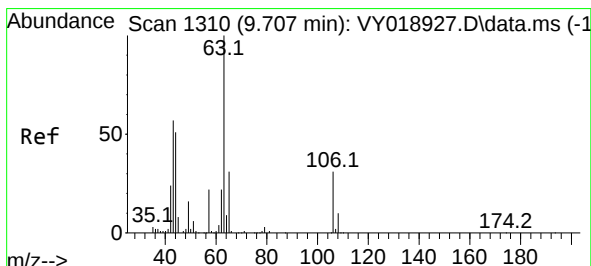
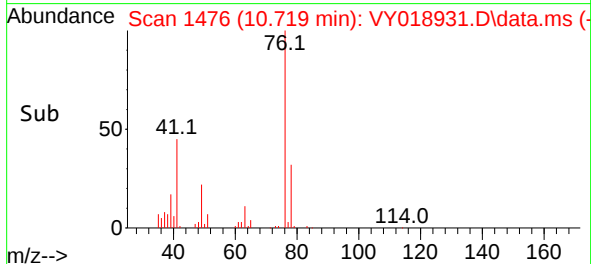
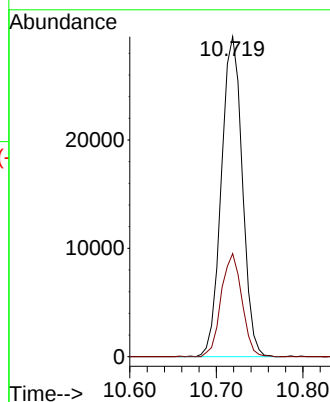
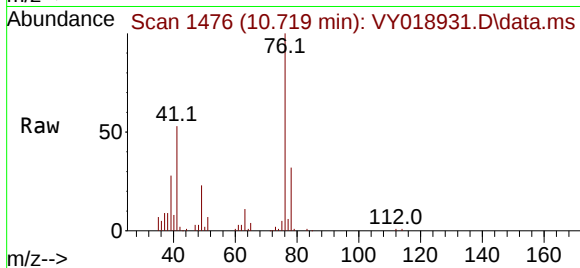
ClientSampleId :

Tgt Ion: 76 Resp: 49693

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 237.871 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY018931.D

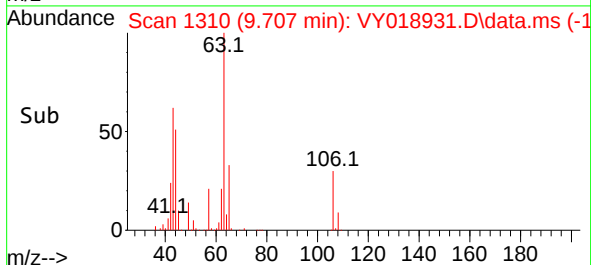
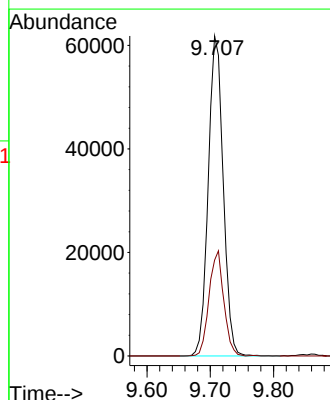
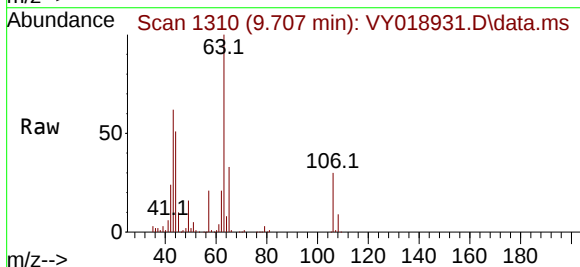
Acq: 08 Aug 2024 14:54

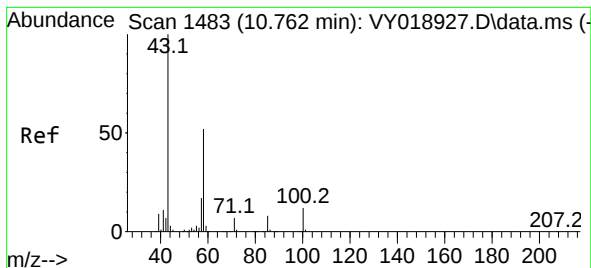
Tgt Ion: 63 Resp: 101790

Ion Ratio Lower Upper

63 100

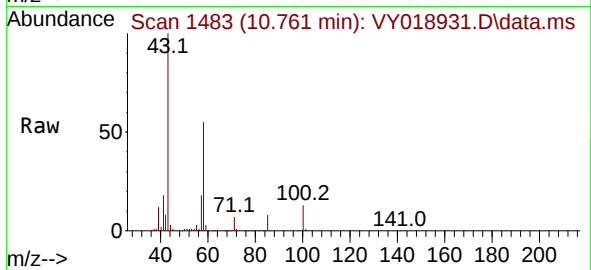
106 32.2 23.7 35.5



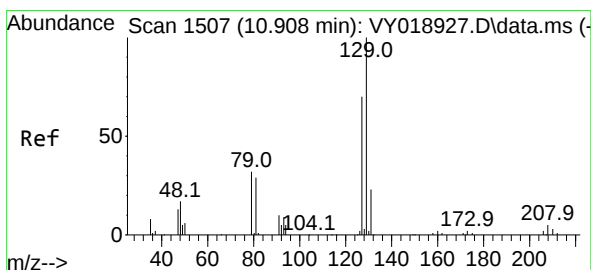
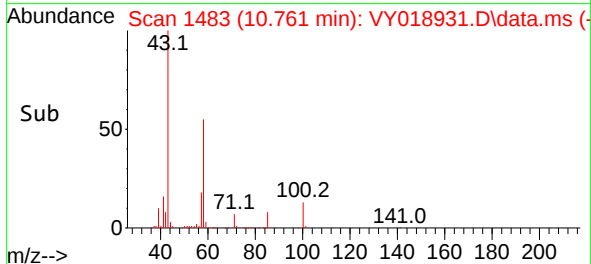
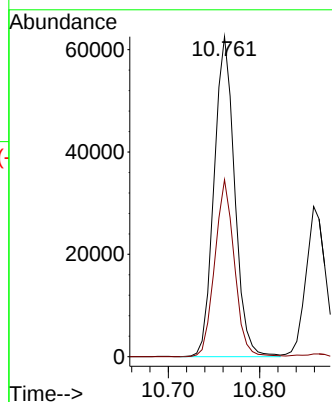


#59
2-Hexanone
Concen: 244.507 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

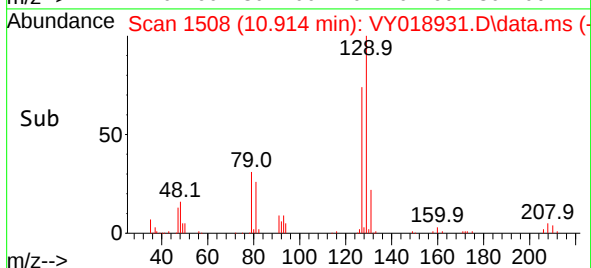
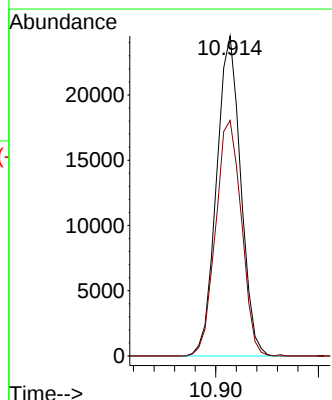
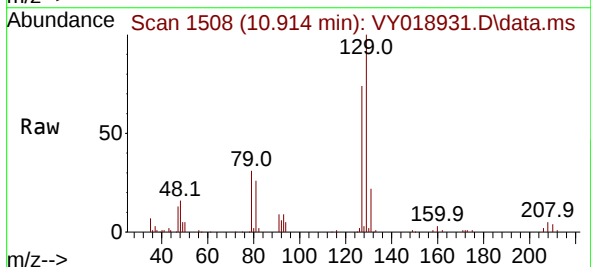


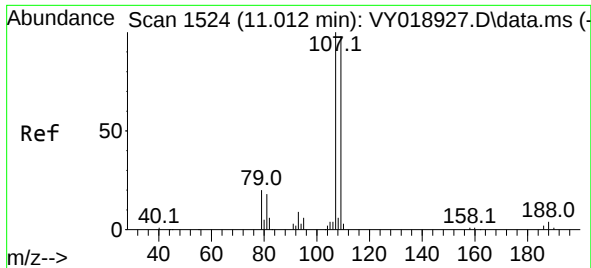
Tgt Ion: 43 Resp: 97644
Ion Ratio Lower Upper
43 100
58 52.8 31.4 94.0



#60
Dibromochloromethane
Concen: 48.795 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion:129 Resp: 40105
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

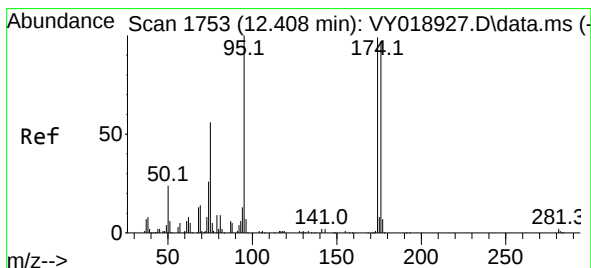
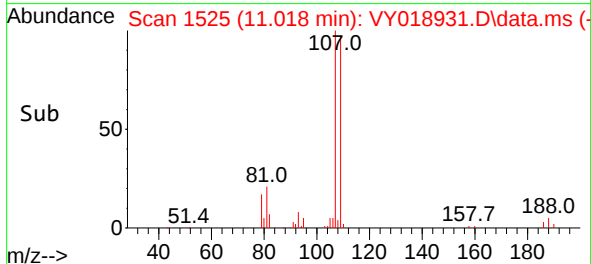
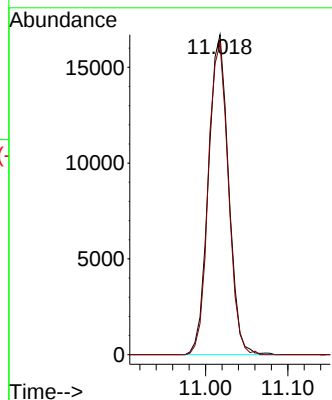
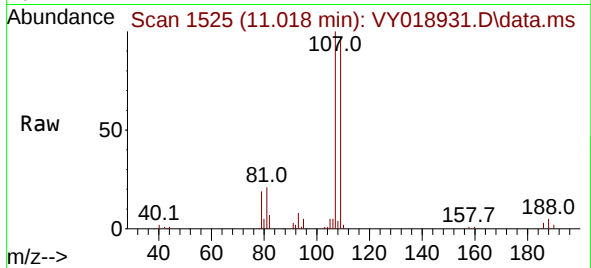




#61
1,2-Dibromoethane
Concen: 48.062 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

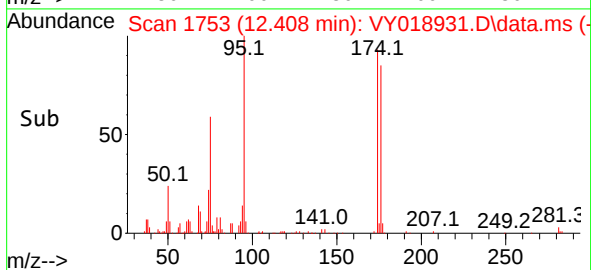
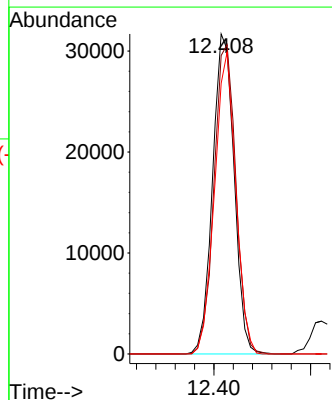
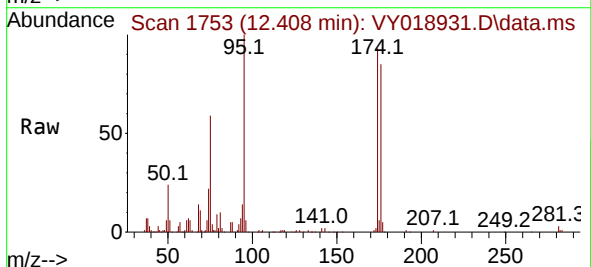
Instrument :
MSVOA_Y
ClientSampleId :

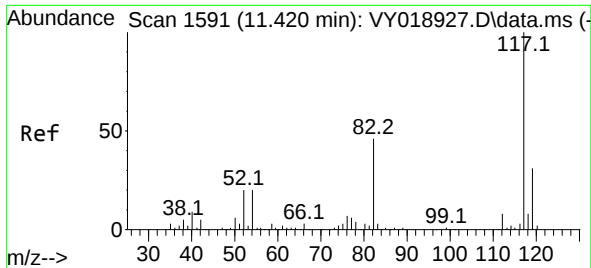
Tgt Ion:107 Resp: 28450
Ion Ratio Lower Upper
107 100
109 96.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.388 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 95 Resp: 48688
Ion Ratio Lower Upper
95 100
174 98.2 0.0 175.6
176 93.3 0.0 171.4

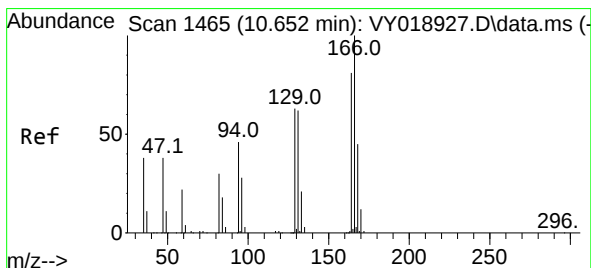
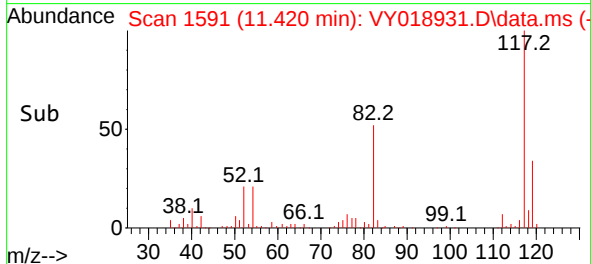
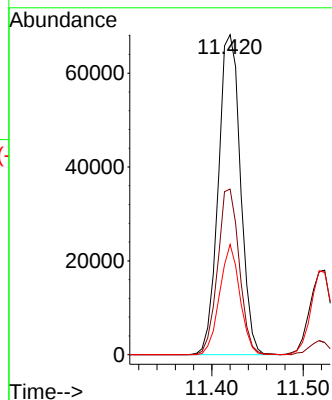
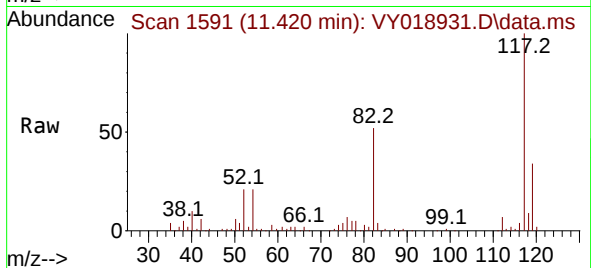




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 114915
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

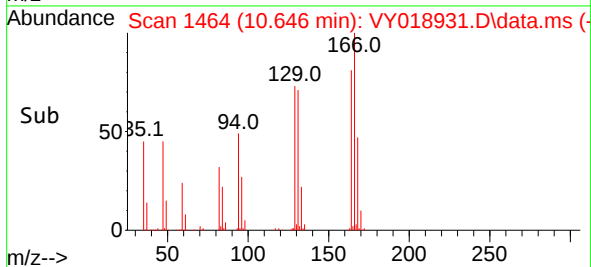
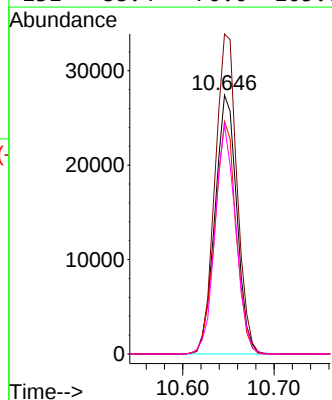
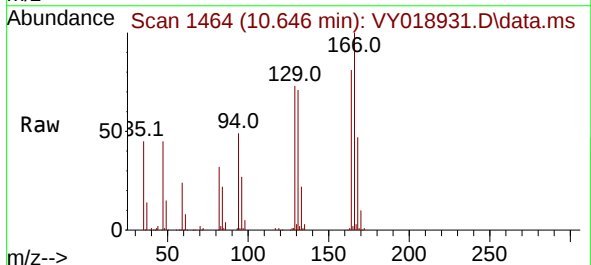
Instrument :
MSVOA_Y
ClientSampleId :

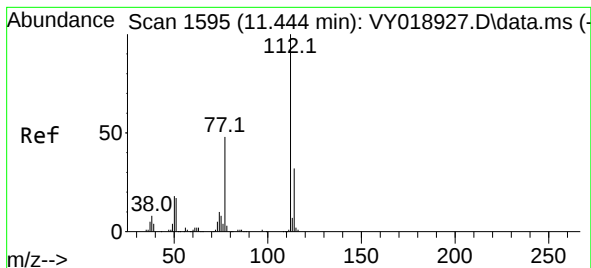
Tgt Ion:117 Resp: 114915
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 34.5 25.9 38.9



#64
Tetrachloroethene
Concen: 47.168 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion:164 Resp: 45438
Ion Ratio Lower Upper
164 100
166 123.6 102.6 154.0
129 89.9 72.0 108.0
131 88.4 70.0 105.0

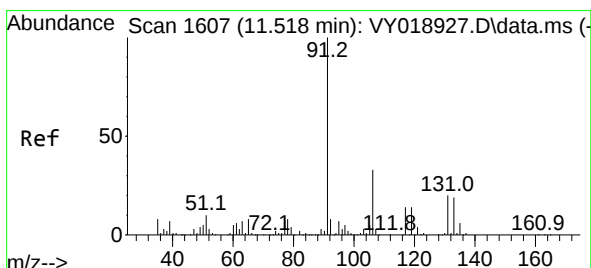
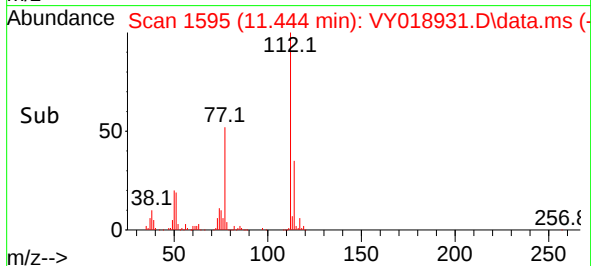
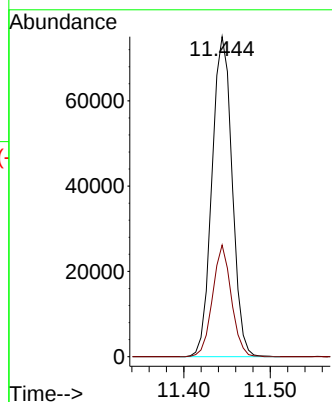
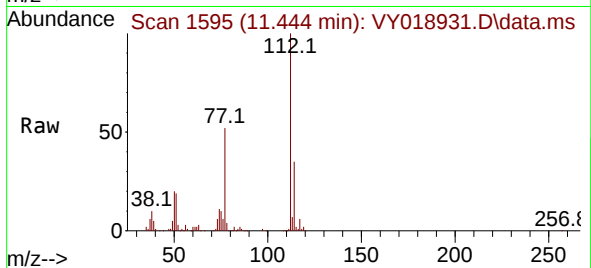




#65
Chlorobenzene
Concen: 48.102 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

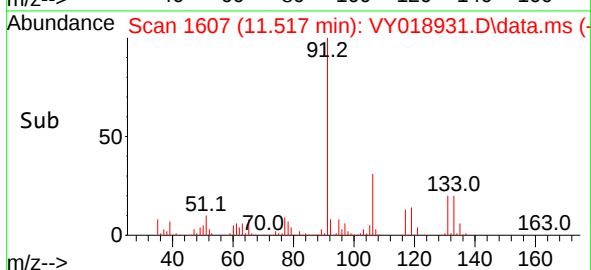
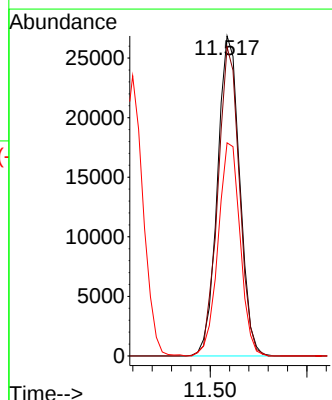
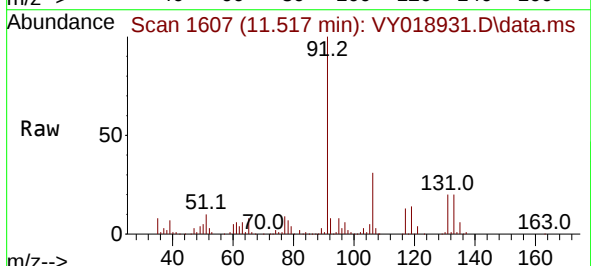
Instrument :
MSVOA_Y
ClientSampleId :

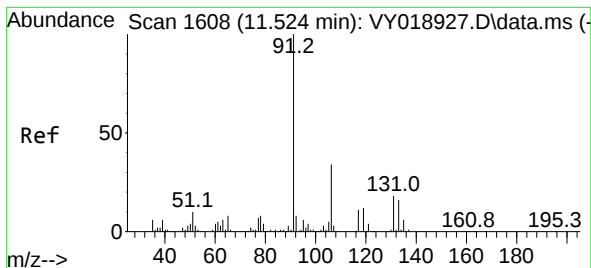
Tgt Ion:112 Resp: 121366
Ion Ratio Lower Upper
112 100
114 34.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.475 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion:131 Resp: 42780
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.3
119 66.0 34.1 102.2

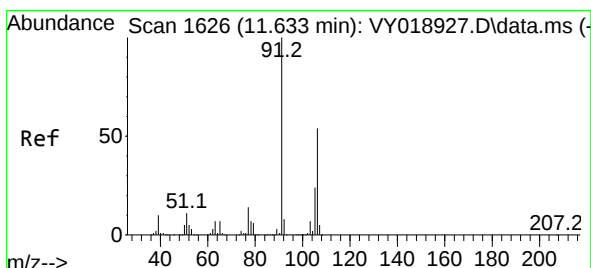
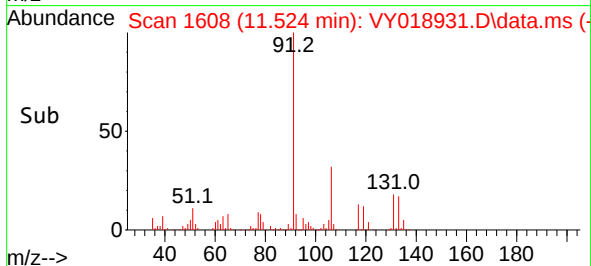
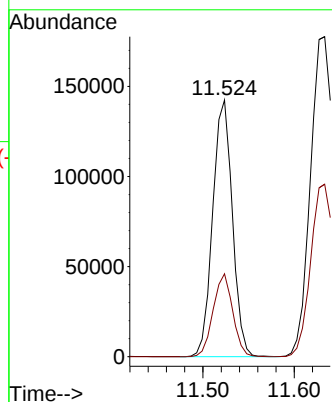
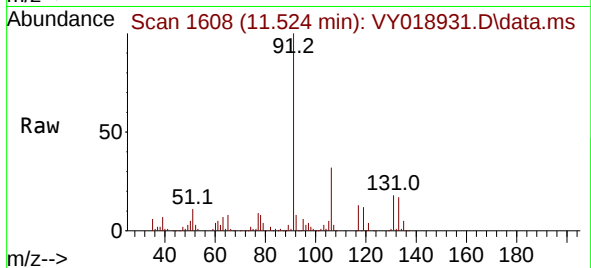




#67
Ethyl Benzene
Concen: 48.683 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

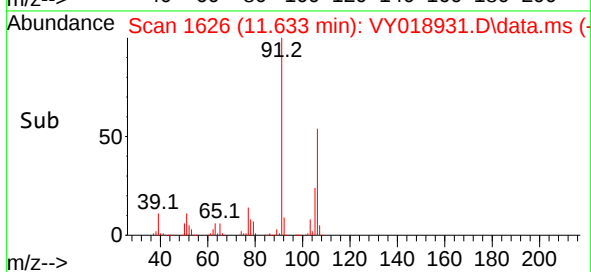
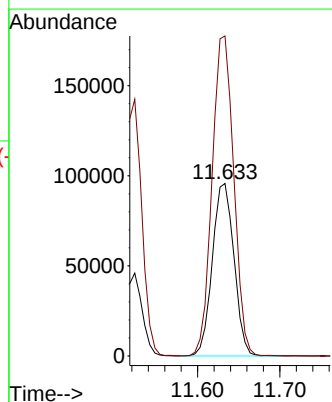
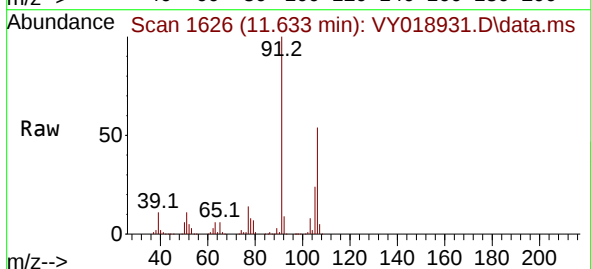
Instrument :
MSVOA_Y
ClientSampleId :

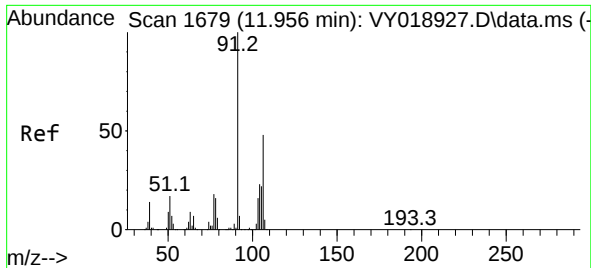
Tgt Ion: 91 Resp: 212662
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 97.582 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion: 106 Resp: 174794
Ion Ratio Lower Upper
106 100
91 186.2 156.0 234.0

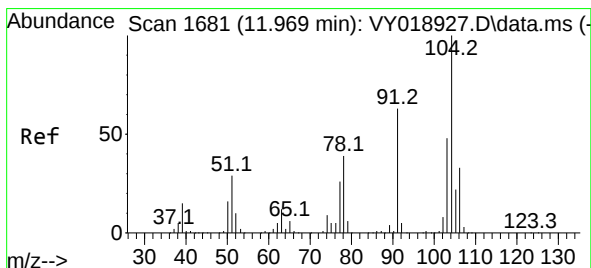
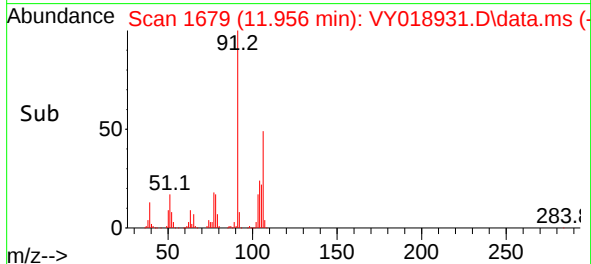
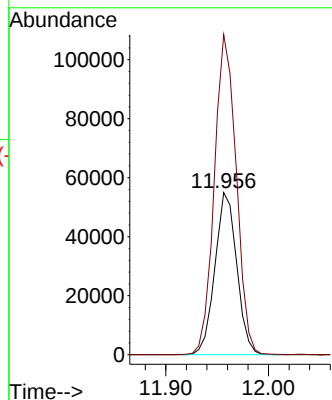
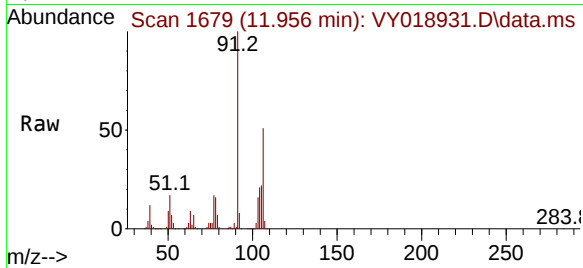




#69
o-Xylene
Concen: 48.972 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

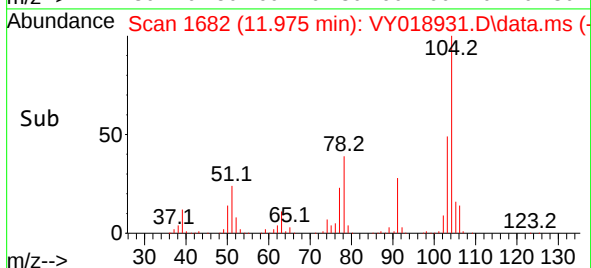
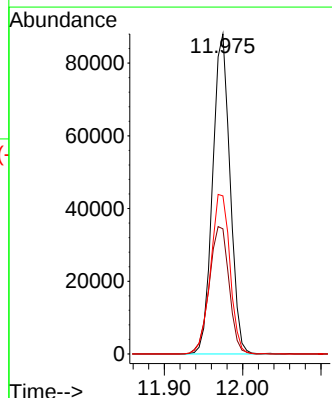
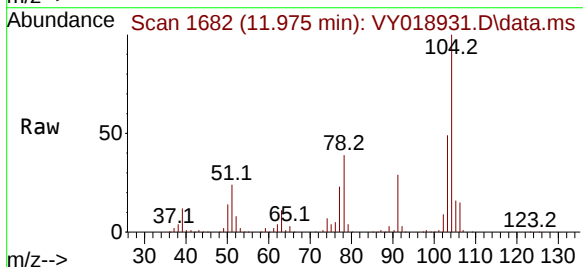
Instrument :
MSVOA_Y
ClientSampleId :

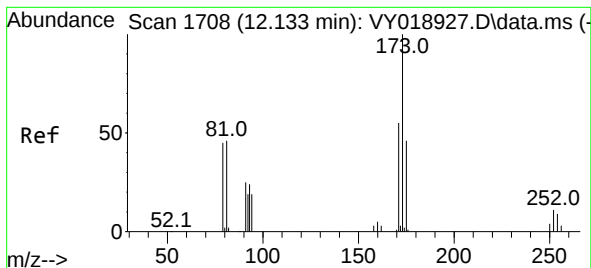
Tgt Ion:106 Resp: 80962
Ion Ratio Lower Upper
106 100
91 198.6 103.6 310.8



#70
Styrene
Concen: 49.830 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion:104 Resp: 135687
Ion Ratio Lower Upper
104 100
78 45.4 37.0 55.4
103 55.6 44.2 66.2





#71

Bromoform

Concen: 49.877 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

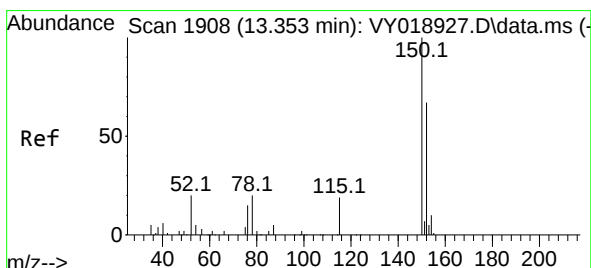
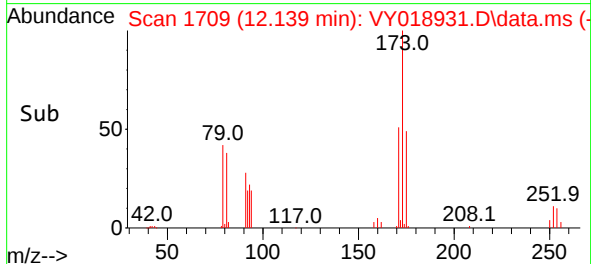
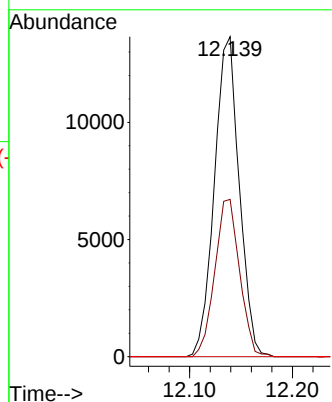
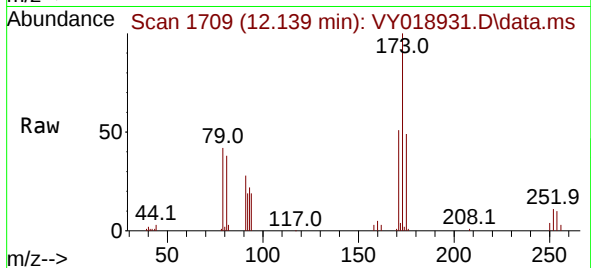
Tgt Ion:173 Resp: 22890

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

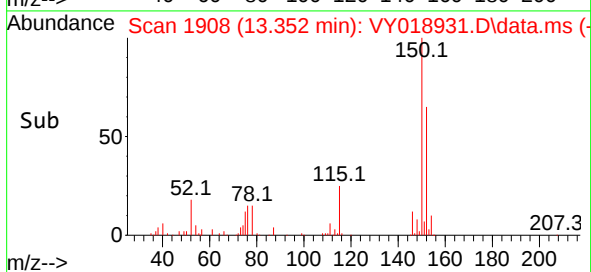
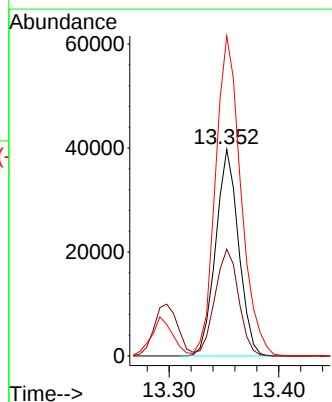
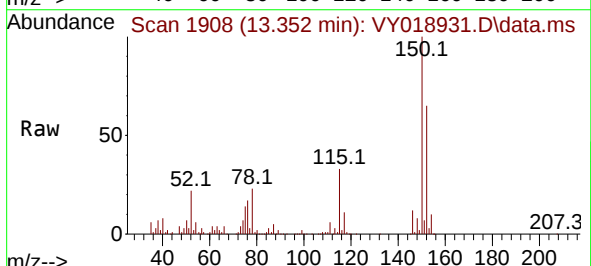
Tgt Ion:152 Resp: 57609

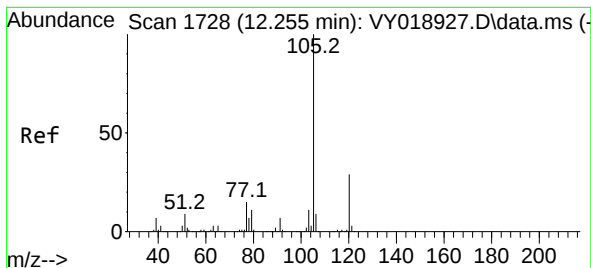
Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 172.1 0.0 345.6





#73

Isopropylbenzene

Concen: 48.470 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

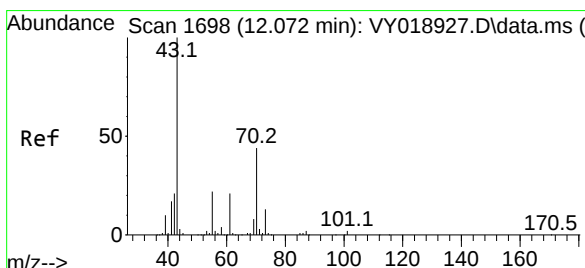
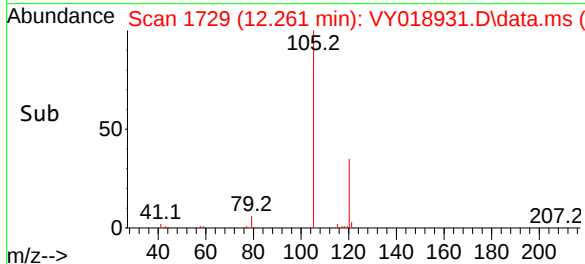
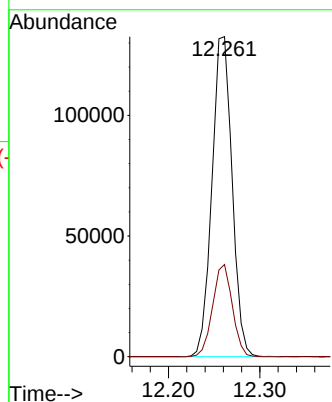
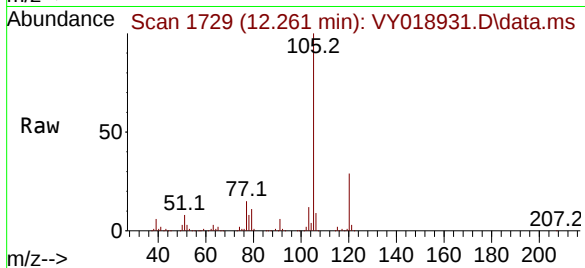
ClientSampleId :

Tgt Ion:105 Resp: 202686

Ion Ratio Lower Upper

105 100

120 28.1 13.4 40.1



#74

N-ethyl acetate

Concen: 51.245 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Tgt Ion: 43 Resp: 49449

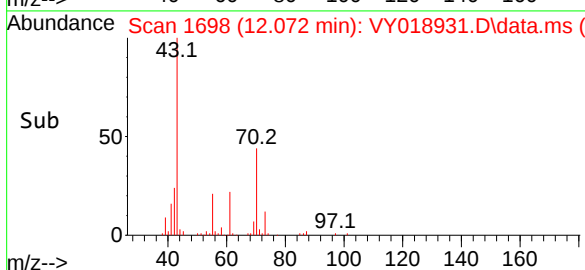
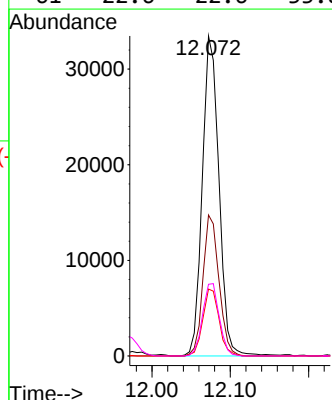
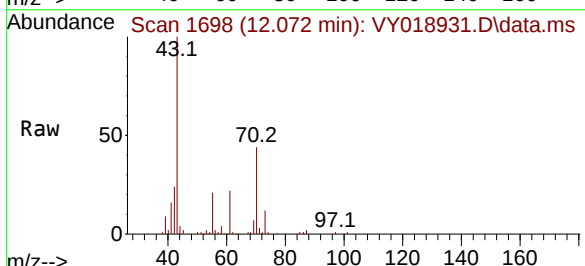
Ion Ratio Lower Upper

43 100

70 42.3 41.4 62.2

55 20.5 23.3 34.9

61 22.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.215 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

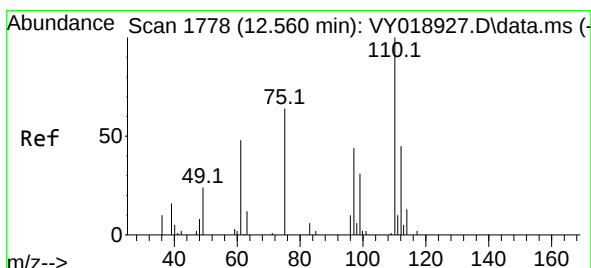
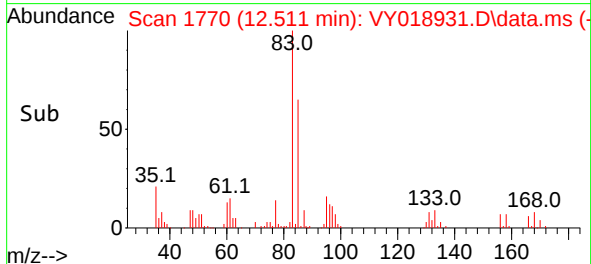
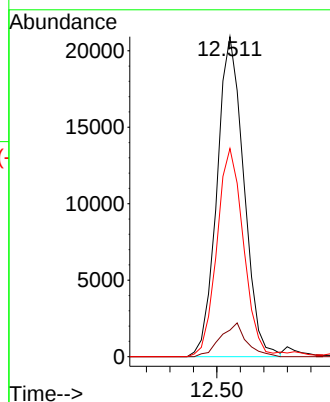
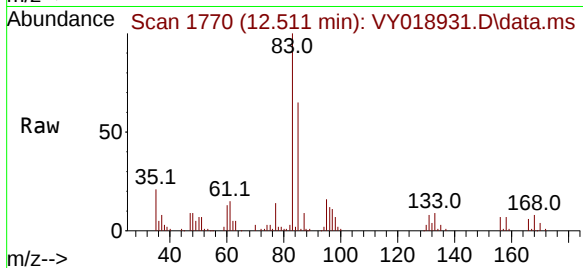
Tgt Ion: 83 Resp: 33212

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 98.588 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY018931.D

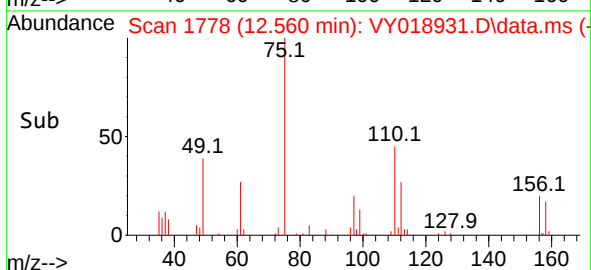
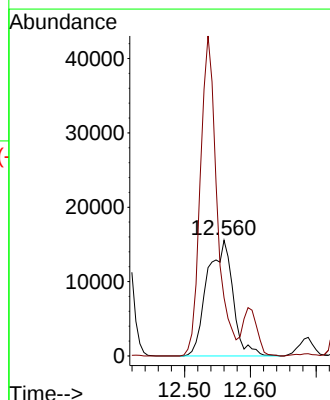
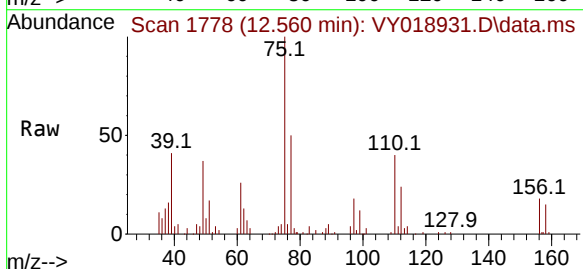
Acq: 08 Aug 2024 14:54

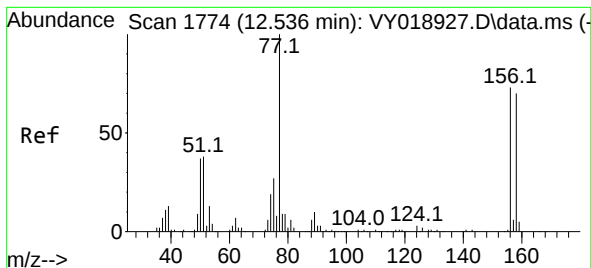
Tgt Ion: 75 Resp: 42312

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.166 ug/l

RT: 12.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

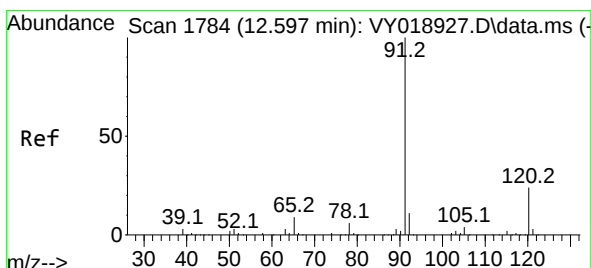
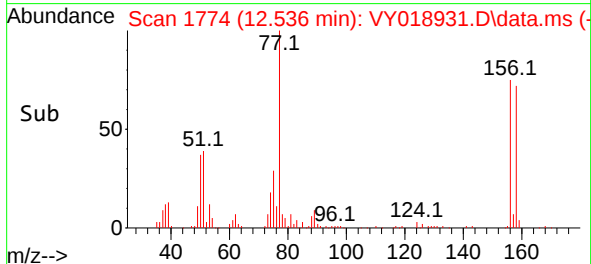
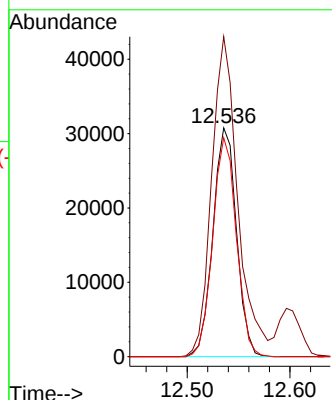
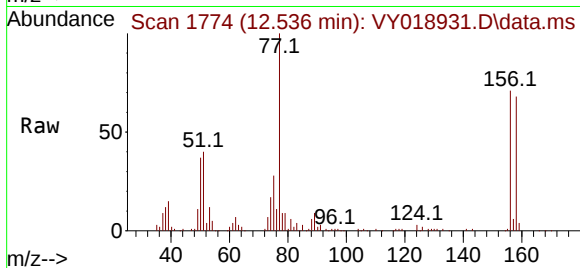
Tgt Ion:156 Resp: 48869

Ion Ratio Lower Upper

156 100

77 155.0 87.1 261.3

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 48.393 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY018931.D

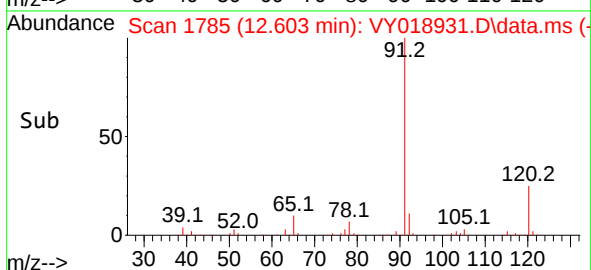
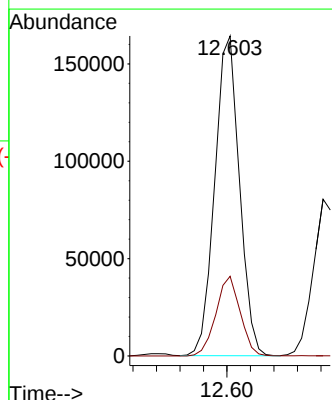
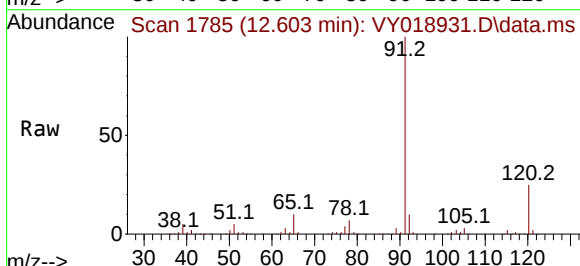
Acq: 08 Aug 2024 14:54

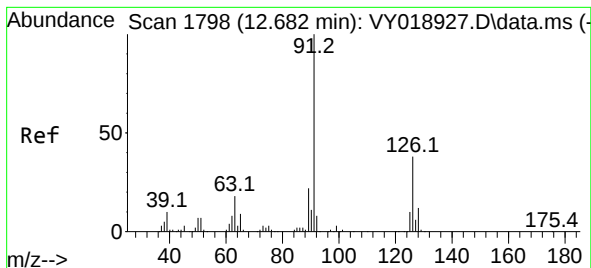
Tgt Ion: 91 Resp: 239514

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.356 ug/l

RT: 12.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

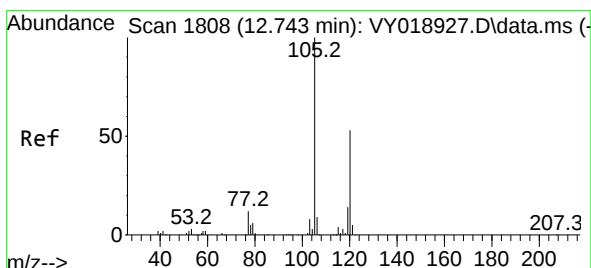
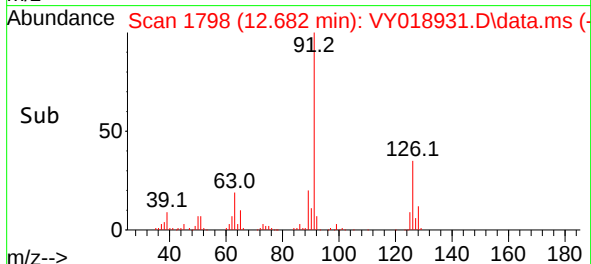
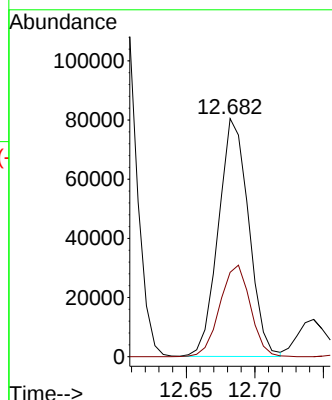
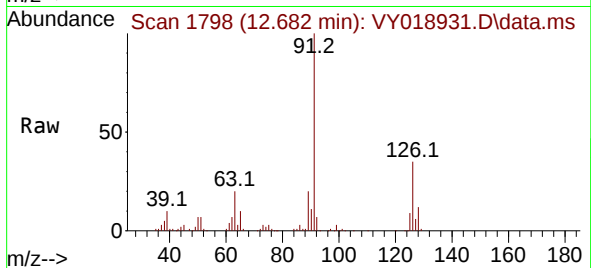
ClientSampleId :

Tgt Ion: 91 Resp: 123903

Ion Ratio Lower Upper

91 100

126 38.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.571 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY018931.D

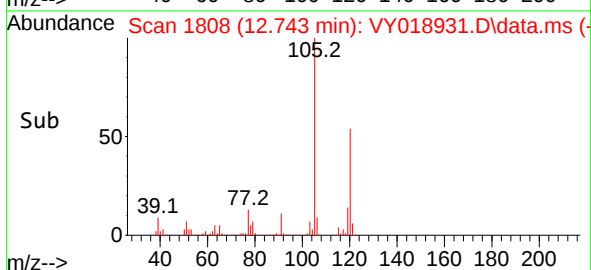
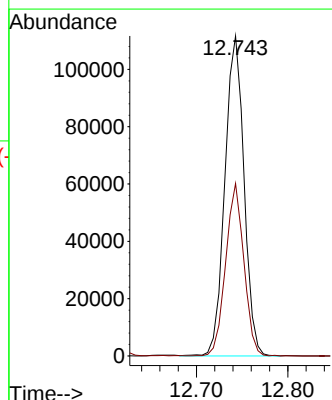
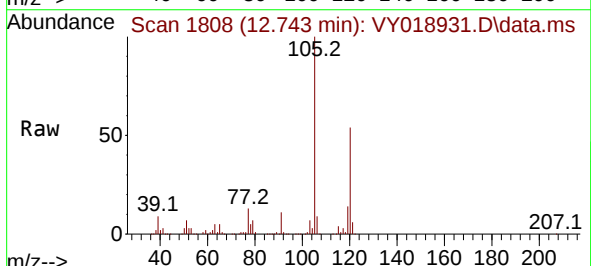
Acq: 08 Aug 2024 14:54

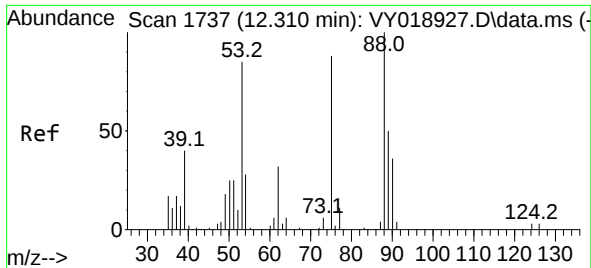
Tgt Ion: 105 Resp: 162445

Ion Ratio Lower Upper

105 100

120 51.4 25.1 75.2

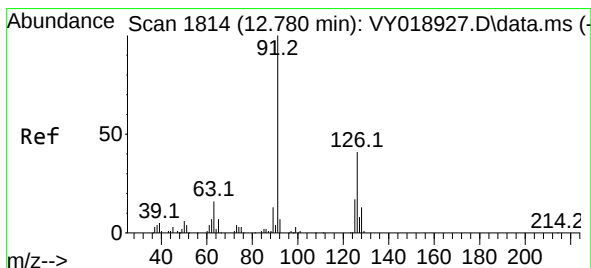
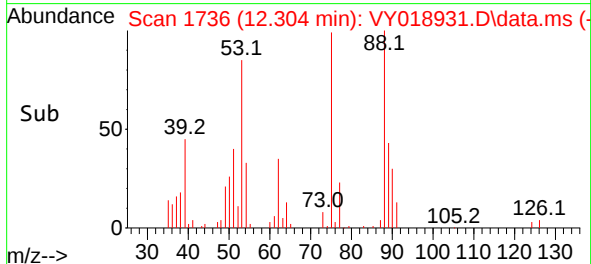
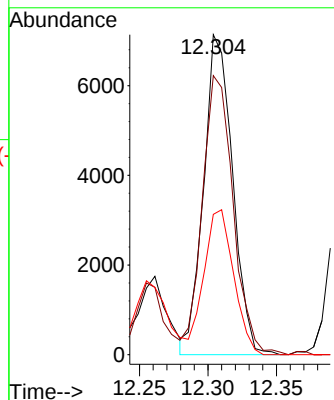
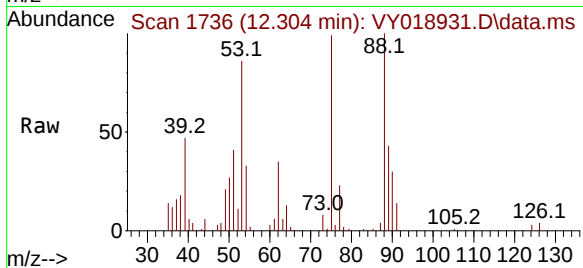




#81
trans-1,4-Dichloro-2-butene
Concen: 50.418 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

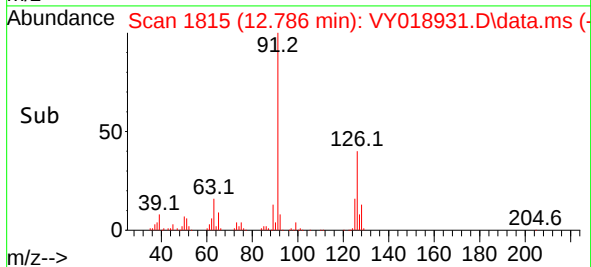
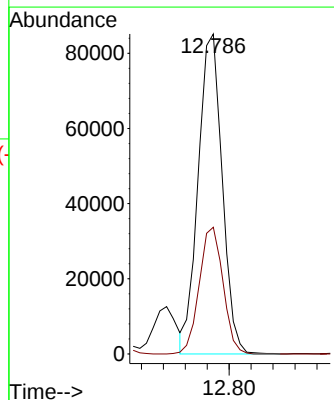
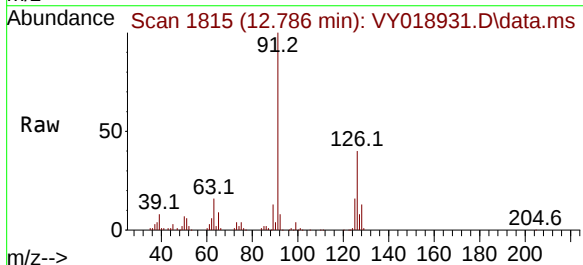
Instrument :
MSVOA_Y
ClientSampleId :

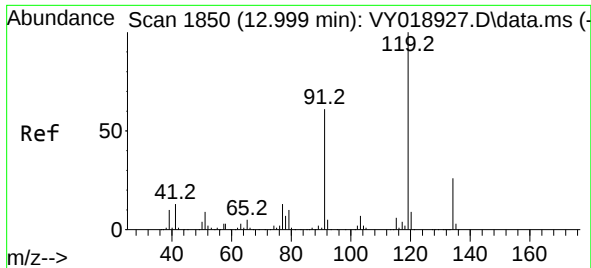
Tgt Ion:	75	Resp:	10501
Ion	Ratio	Lower	Upper
75	100		
53	92.7	66.8	100.2
89	46.2	35.8	53.6



#82
4-Chlorotoluene
Concen: 49.373 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY018931.D
Acq: 08 Aug 2024 14:54

Tgt Ion:	91	Resp:	129521
Ion	Ratio	Lower	Upper
91	100		
126	39.2	17.6	52.9

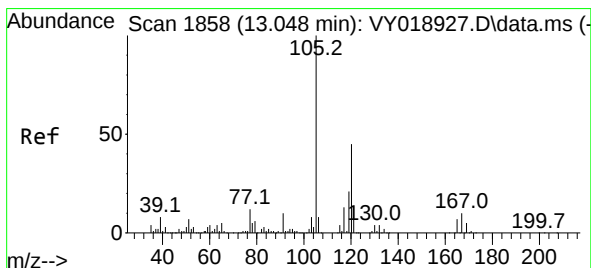
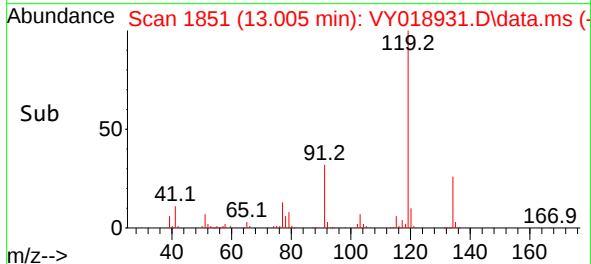
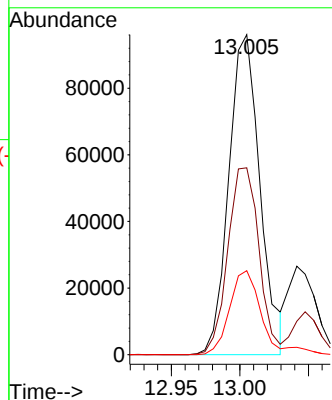
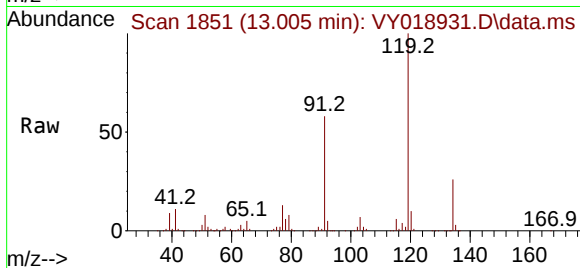




#83
 tert-Butylbenzene
 Concen: 49.124 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VY018931.D
 Acq: 08 Aug 2024 14:54

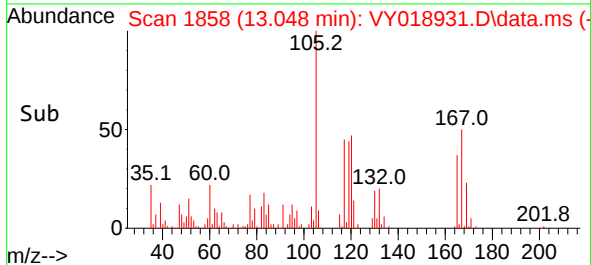
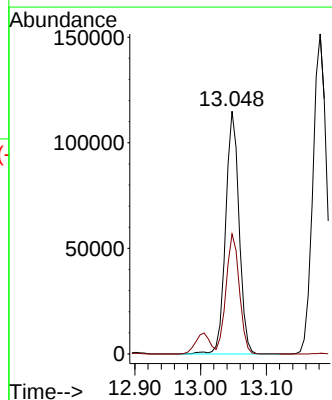
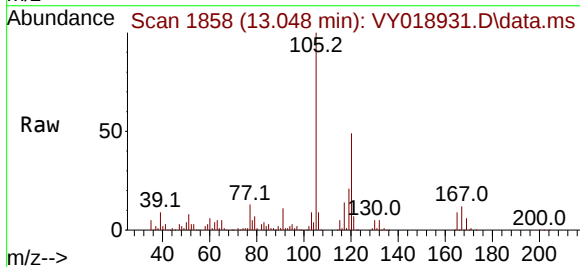
Instrument :
 MSVOA_Y
 ClientSampleId :

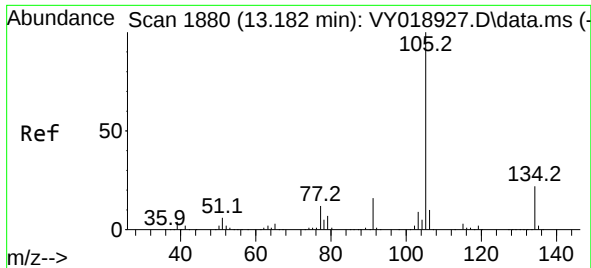
Tgt Ion:119 Resp: 152054
 Ion Ratio Lower Upper
 119 100
 91 58.6 31.3 93.8
 134 27.1 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.119 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY018931.D
 Acq: 08 Aug 2024 14:54

Tgt Ion:105 Resp: 163289
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.2 69.6

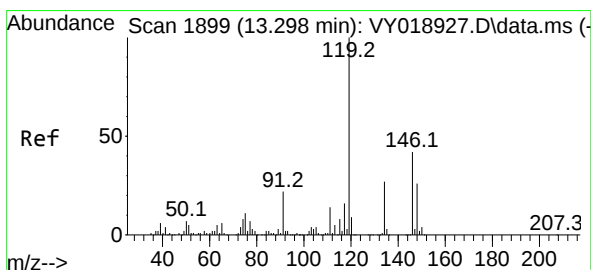
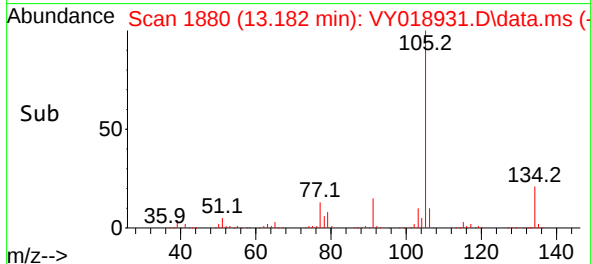
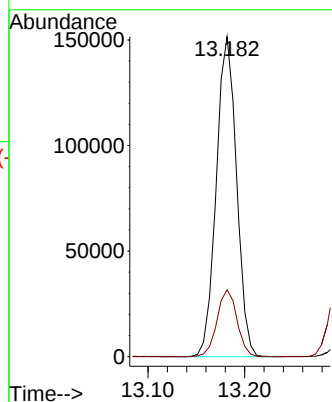
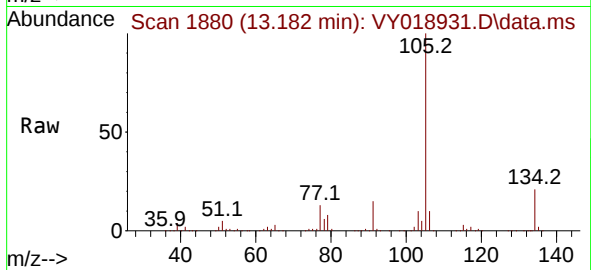




#85
 sec-Butylbenzene
 Concen: 49.134 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY018931.D
 Acq: 08 Aug 2024 14:54

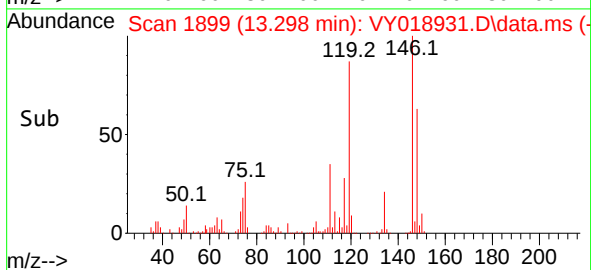
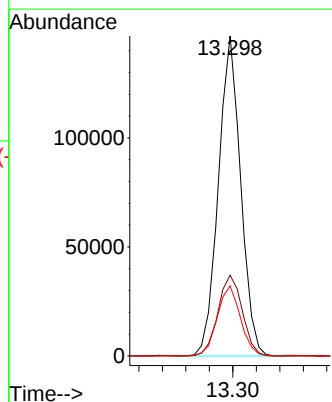
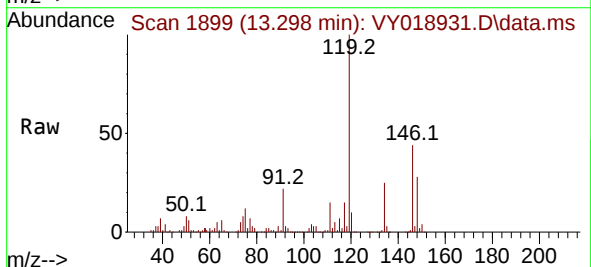
Instrument :
 MSVOA_Y
 ClientSampleId :

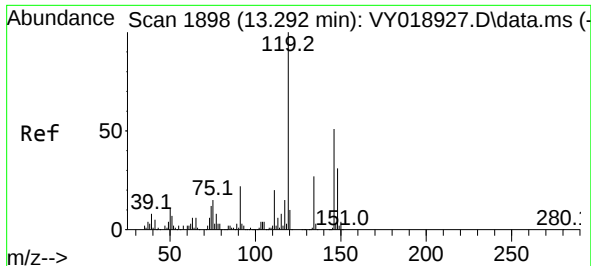
Tgt Ion:105 Resp: 220291
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.883 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY018931.D
 Acq: 08 Aug 2024 14:54

Tgt Ion:119 Resp: 193663
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.3
 91 22.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.276 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

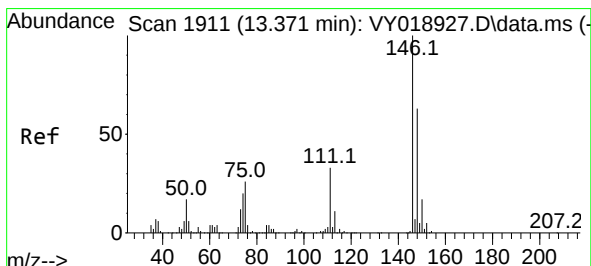
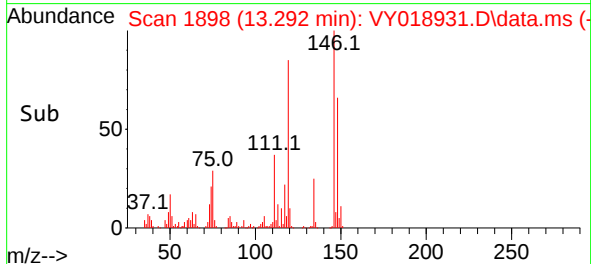
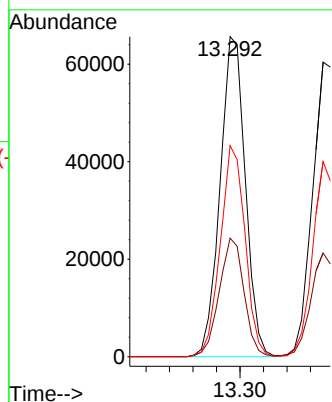
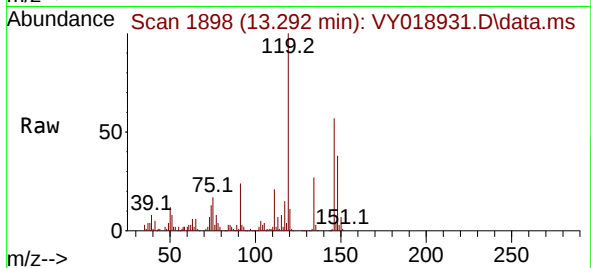
Tgt Ion:146 Resp: 98056

Ion Ratio Lower Upper

146 100

111 36.4 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.878 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

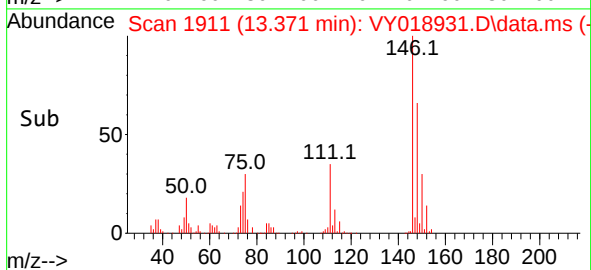
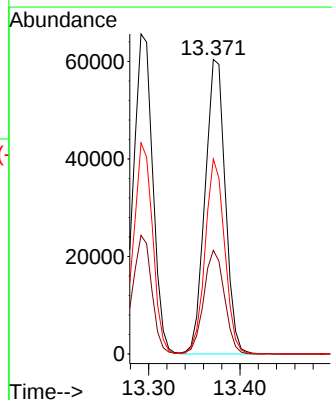
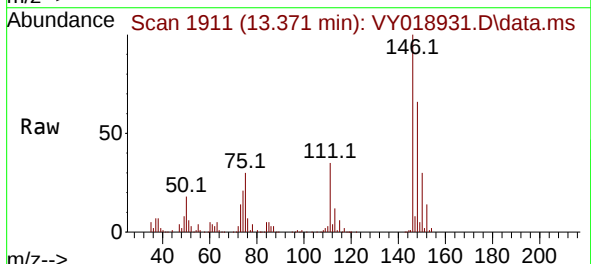
Tgt Ion:146 Resp: 92913

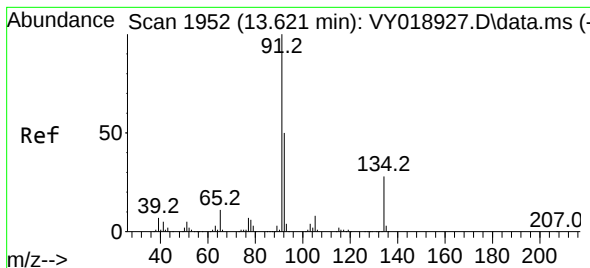
Ion Ratio Lower Upper

146 100

111 36.1 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 50.112 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

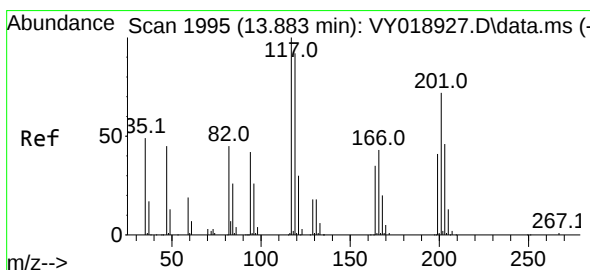
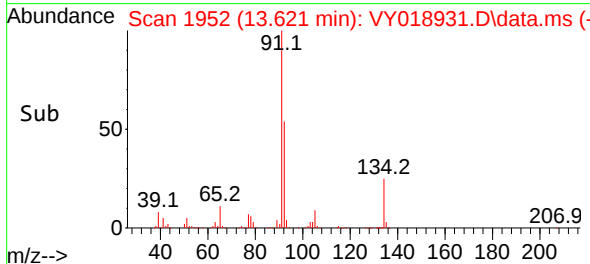
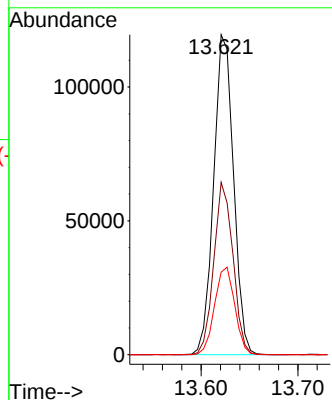
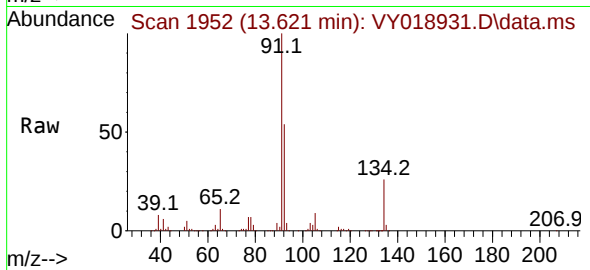
Tgt Ion: 91 Resp: 170767

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 27.8 12.9 38.7



#90

Hexachloroethane

Concen: 49.967 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY018931.D

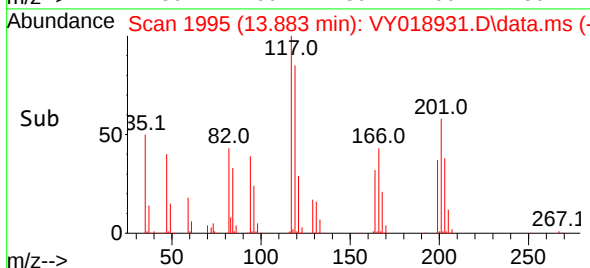
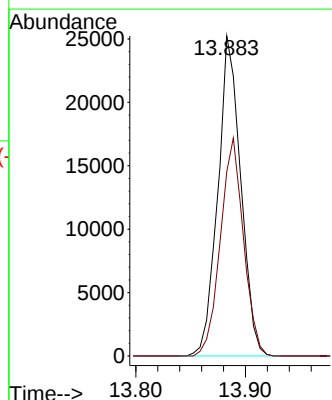
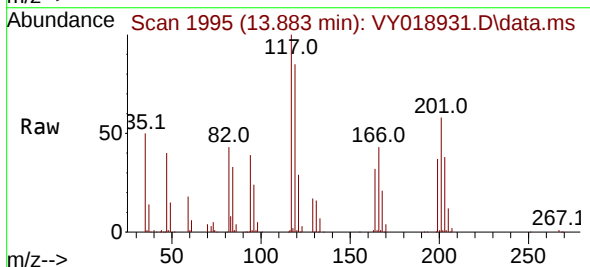
Acq: 08 Aug 2024 14:54

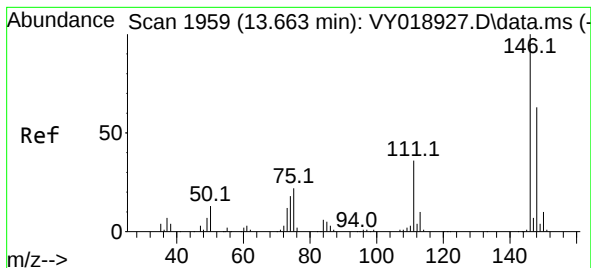
Tgt Ion: 117 Resp: 36604

Ion Ratio Lower Upper

117 100

201 68.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.227 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

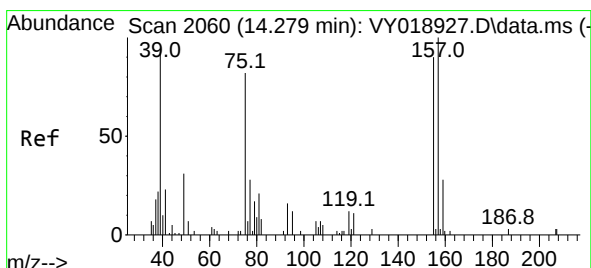
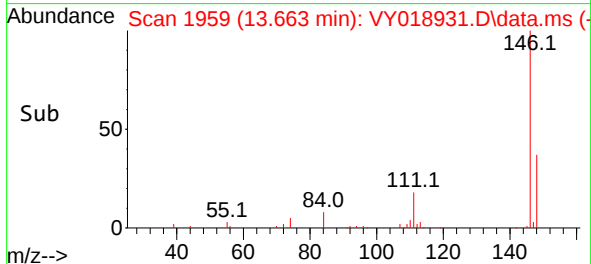
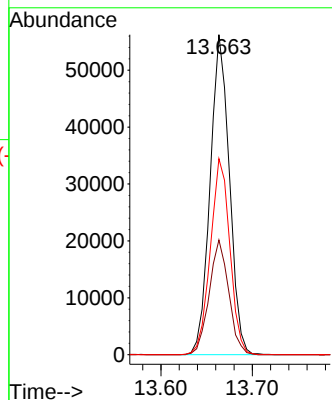
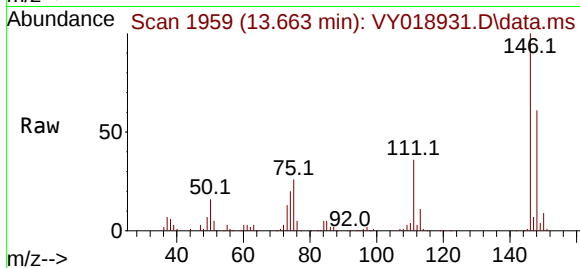
Tgt Ion:146 Resp: 82176

Ion Ratio Lower Upper

146 100

111 36.3 19.9 59.7

148 62.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.927 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

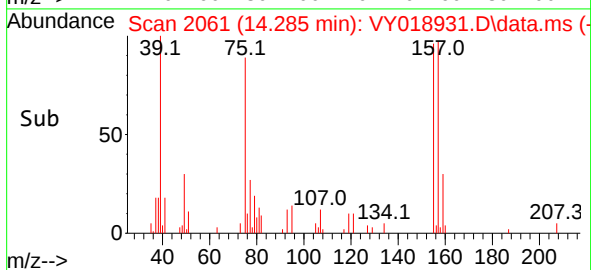
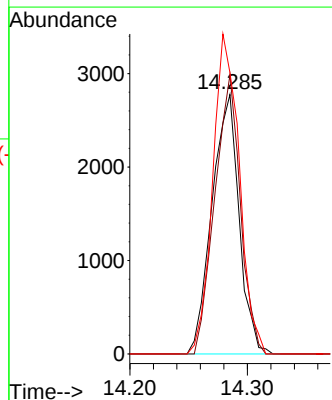
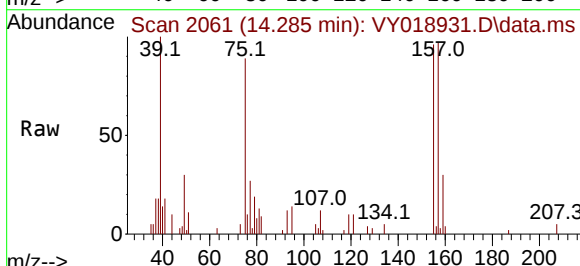
Tgt Ion: 75 Resp: 4449

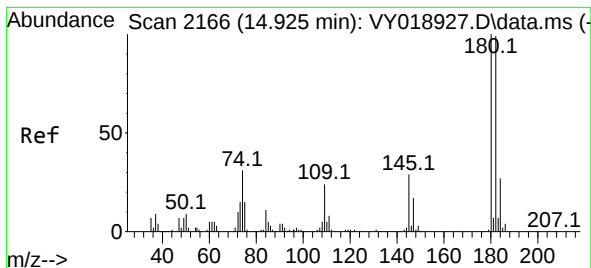
Ion Ratio Lower Upper

75 100

155 101.4 48.6 145.8

157 120.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.677 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY018931.D

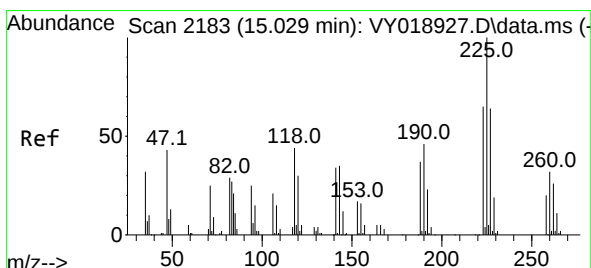
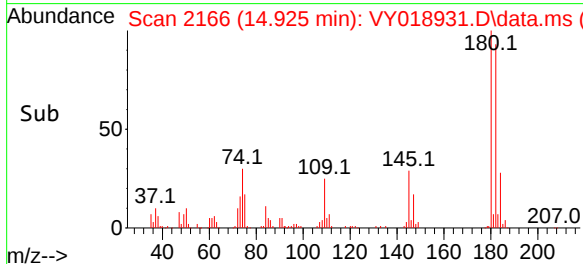
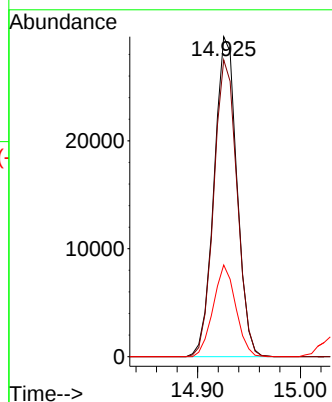
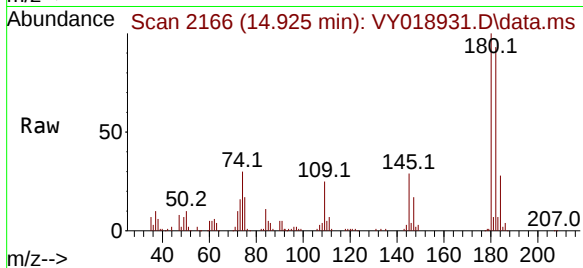
Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	45654
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.9 143.8
145	28.2	14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.630 ug/l

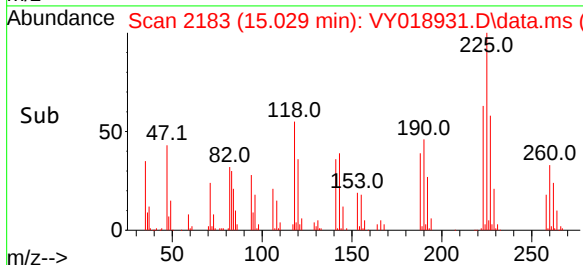
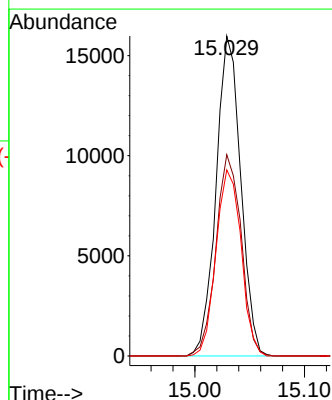
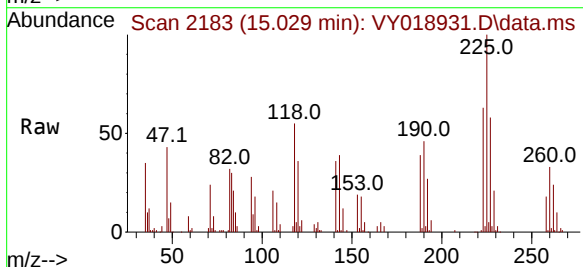
RT: 15.029 min Scan# 2183

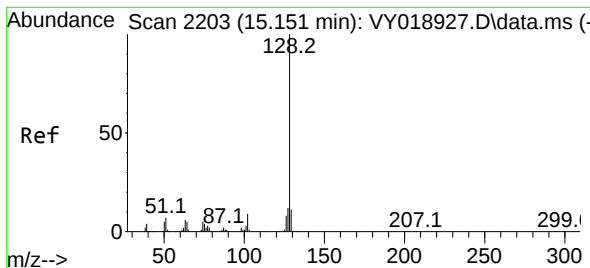
Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Tgt Ion:225	Resp:	25015
Ion Ratio	Lower	Upper
225	100	
223	64.1	30.4 91.2
227	59.2	31.9 95.9





#95

Naphthalene

Concen: 48.012 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

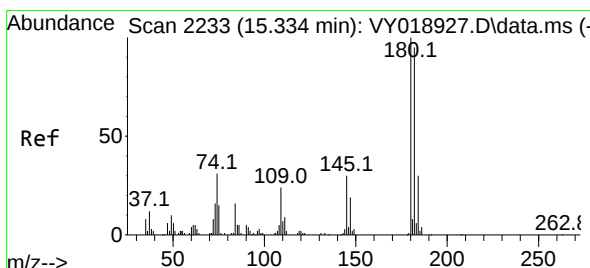
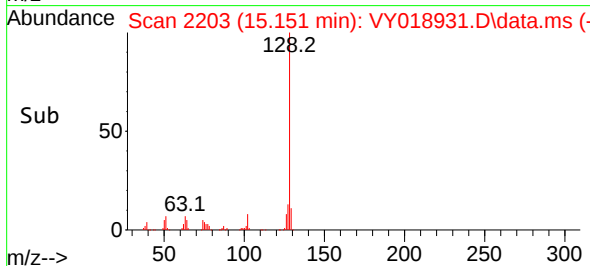
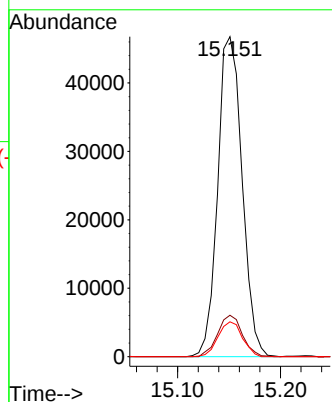
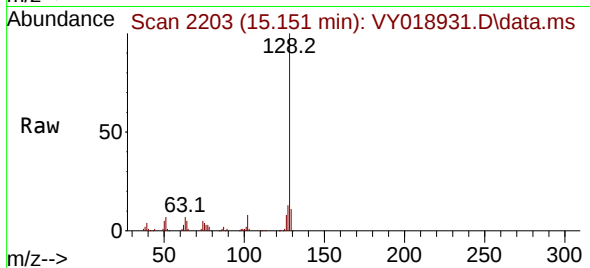
Tgt Ion:128 Resp: 77001

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.058 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY018931.D

Acq: 08 Aug 2024 14:54

Tgt Ion:180 Resp: 37161

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 29.3 15.4 46.1

