

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019847.D
 Acq On : 10 Oct 2024 10:59
 Operator : SY/MD
 Sample : VY1010SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBSD01

Quant Time: Oct 11 01:38:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	362775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	628808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	533803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	255144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	233663	52.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.620%	
35) Dibromofluoromethane	7.634	113	224802	54.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.109	98	828344	54.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.401	95	289896	52.358	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	69142	20.473	ug/l	98
3) Chloromethane	2.068	50	84938	19.324	ug/l	96
4) Vinyl Chloride	2.208	62	94807	19.601	ug/l	100
5) Bromomethane	2.592	94	59156	19.322	ug/l	96
6) Chloroethane	2.732	64	61964	19.069	ug/l	95
7) Trichlorofluoromethane	3.062	101	142210	19.759	ug/l	99
8) Diethyl Ether	3.458	74	42255	19.318	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	84118	20.093	ug/l	100
10) Methyl Iodide	4.007	142	78610	18.566	ug/l	100
11) Tert butyl alcohol	4.866	59	43624	110.771	ug/l	100
12) 1,1-Dichloroethene	3.793	96	74888	19.242	ug/l	100
13) Acrolein	3.653	56	35902	109.383	ug/l	97
14) Allyl chloride	4.385	41	136727	19.471	ug/l	99
15) Acrylonitrile	5.067	53	100134	100.085	ug/l	99
16) Acetone	3.872	43	113346	97.478	ug/l	99
17) Carbon Disulfide	4.110	76	184717	17.707	ug/l	99
18) Methyl Acetate	4.391	43	46970	18.752	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	219755	19.654	ug/l	99
20) Methylene Chloride	4.622	84	90579	19.302	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	82122	19.388	ug/l	93
22) Diisopropyl ether	6.024	45	307271	20.089	ug/l	95
23) Vinyl Acetate	5.964	43	753185m	85.896	ug/l	
24) 1,1-Dichloroethane	5.915	63	166266	19.555	ug/l	99
25) 2-Butanone	6.896	43	156686	100.670	ug/l	97
26) 2,2-Dichloropropane	6.884	77	147521	19.482	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	102727	19.625	ug/l	99
28) Bromochloromethane	7.250	49	73203	19.561	ug/l	99
29) Tetrahydrofuran	7.262	42	87210	98.134	ug/l	100
30) Chloroform	7.427	83	172982	19.958	ug/l	95
31) Cyclohexane	7.701	56	142319	19.069	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	150521	19.817	ug/l	99
36) 1,1-Dichloropropene	7.841	75	114756	19.196	ug/l	98
37) Ethyl Acetate	6.988	43	63023	20.218	ug/l	98
38) Carbon Tetrachloride	7.817	117	127621	19.914	ug/l	98
39) Methylcyclohexane	9.109	83	147545	19.588	ug/l	98
40) Benzene	8.085	78	355024	19.623	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	34891	20.681	ug/l	94
42) 1,2-Dichloroethane	8.158	62	103533	19.919	ug/l	99
43) Isopropyl Acetate	8.201	43	127391	20.039	ug/l	99
44) Trichloroethene	8.865	130	85841	19.590	ug/l	98
45) 1,2-Dichloropropane	9.140	63	89980	19.871	ug/l	100
46) Dibromomethane	9.231	93	48580	19.636	ug/l	99
47) Bromodichloromethane	9.426	83	130721	19.906	ug/l	99
48) Methyl methacrylate	9.219	41	56911	20.352	ug/l	99
49) 1,4-Dioxane	9.225	88	10658	384.896	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	323564	99.787	ug/l	99
52) Toluene	10.170	92	220974	19.567	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	112030	18.960	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	135685	19.461	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	65057	19.959	ug/l	99
56) Ethyl methacrylate	10.438	69	93136	19.913	ug/l	98
57) 1,3-Dichloropropane	10.713	76	113407	19.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	214705	98.607	ug/l	98
59) 2-Hexanone	10.761	43	238451	102.961	ug/l	100
60) Dibromochloromethane	10.908	129	80479	19.236	ug/l	99
61) 1,2-Dibromoethane	11.011	107	59551	20.217	ug/l	99
64) Tetrachloroethene	10.646	164	73364	19.322	ug/l	99
65) Chlorobenzene	11.438	112	244426	20.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	82795	20.043	ug/l	99
67) Ethyl Benzene	11.517	91	444677	20.050	ug/l	99
68) m/p-Xylenes	11.627	106	322860	39.416	ug/l	100
69) o-Xylene	11.950	106	157047	19.955	ug/l	99
70) Styrene	11.969	104	263746	19.863	ug/l	99
71) Bromoform	12.127	173	43401	19.626	ug/l #	99
73) Isopropylbenzene	12.249	105	430453	20.058	ug/l	99
74) N-amyl acetate	12.066	43	115180	20.264	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	77172	20.237	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	51148m	19.252	ug/l	
77) Bromobenzene	12.529	156	91945	20.189	ug/l	98
78) n-propylbenzene	12.590	91	522679	20.156	ug/l	99
79) 2-Chlorotoluene	12.676	91	296302	19.931	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	347672	20.060	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	22481	18.155	ug/l	93
82) 4-Chlorotoluene	12.773	91	302974	19.931	ug/l	100
83) tert-Butylbenzene	12.993	119	308066	19.841	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	343753	20.005	ug/l	100
85) sec-Butylbenzene	13.170	105	471420	20.322	ug/l	100
86) p-Isopropyltoluene	13.291	119	380321	20.190	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	182361	19.829	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	182551	20.205	ug/l	98
89) n-Butylbenzene	13.615	91	376004	20.442	ug/l	99
90) Hexachloroethane	13.877	117	72220	19.689	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	161958	20.042	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11968	19.665	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	90781	20.035	ug/l	100
94) Hexachlorobutadiene	15.023	225	49113	19.496	ug/l	97
95) Naphthalene	15.139	128	166422	19.473	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	75601	19.737	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

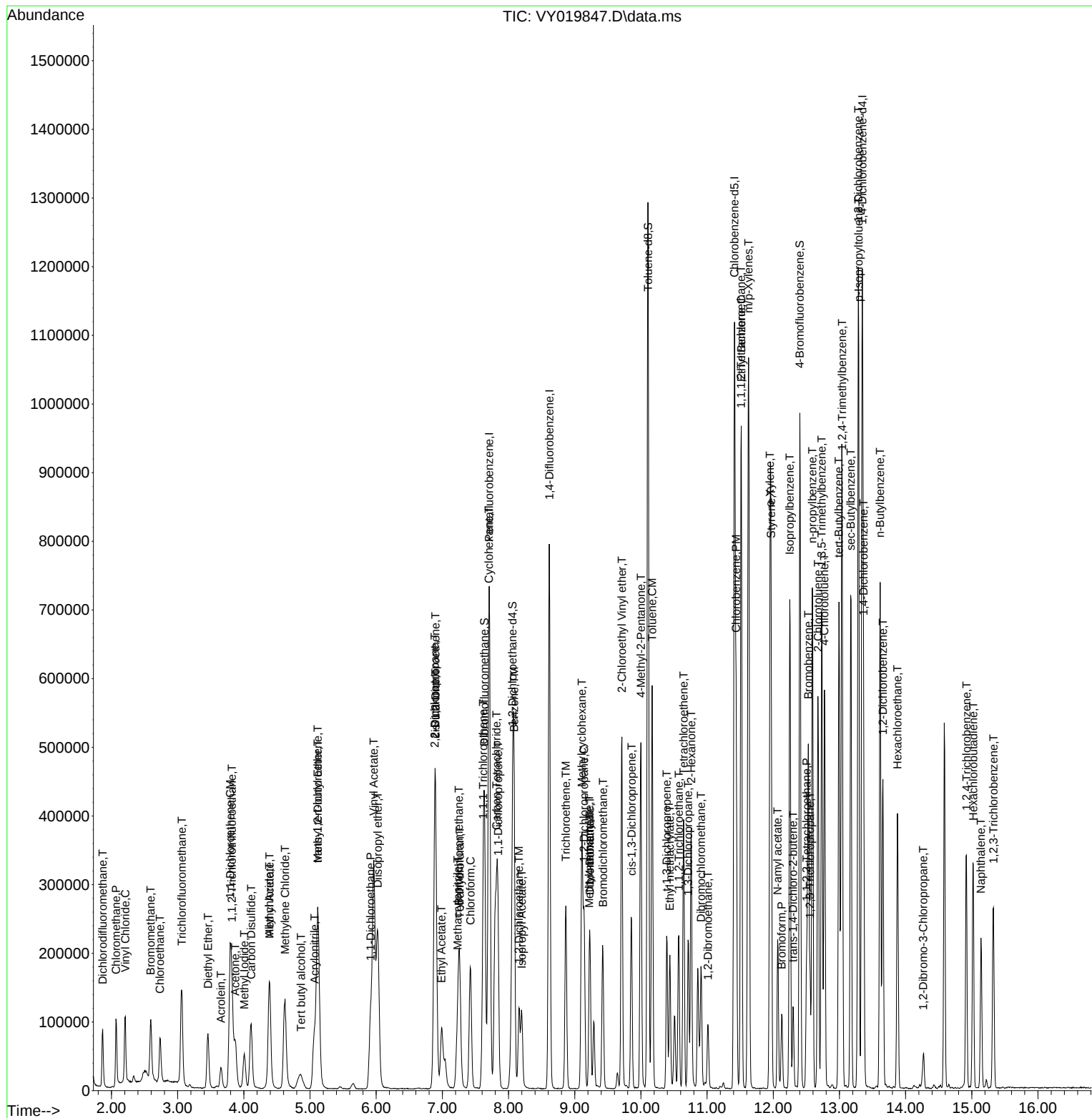
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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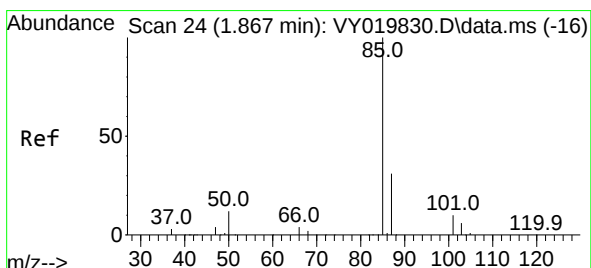
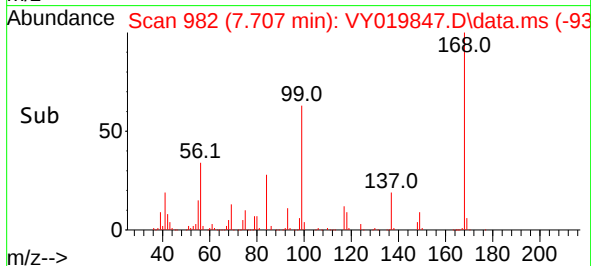
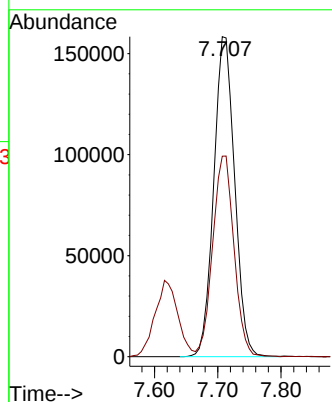
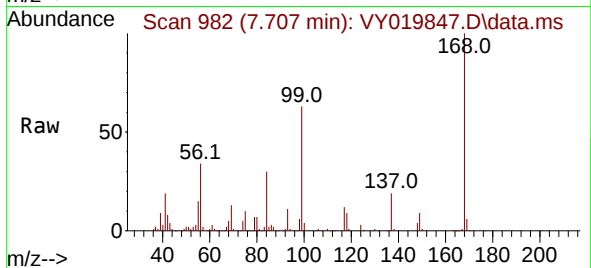




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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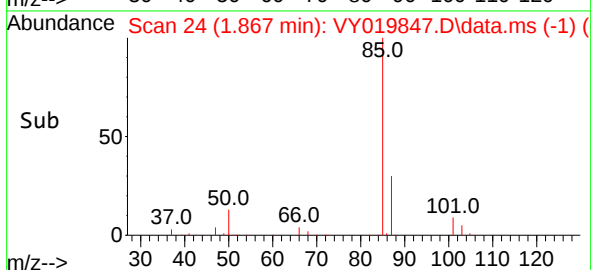
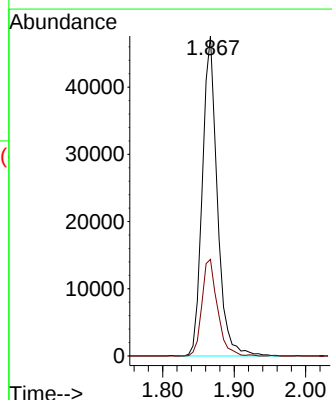
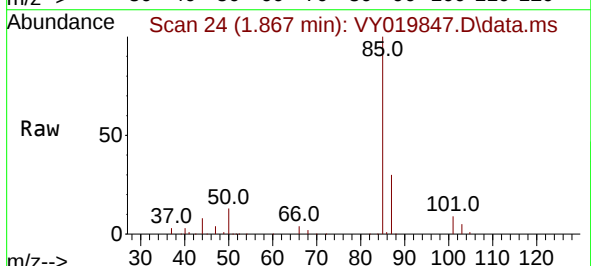
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

Tgt Ion:168 Resp: 362775
Ion Ratio Lower Upper
168 100
99 62.7 52.6 78.8



#2
Dichlorodifluoromethane
Concen: 20.473 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 85 Resp: 69142
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.1

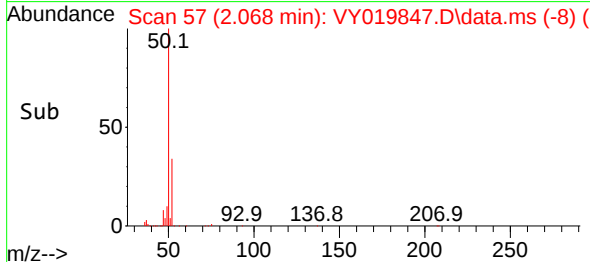
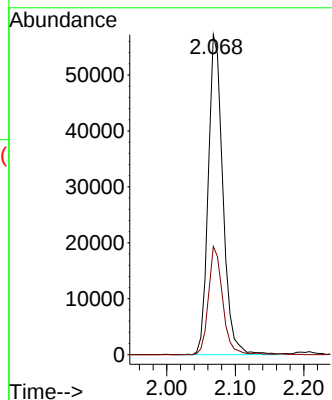
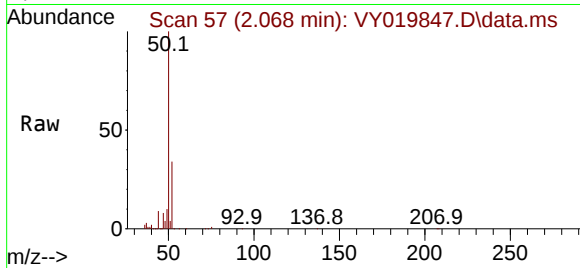




#3
Chloromethane
Concen: 19.324 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

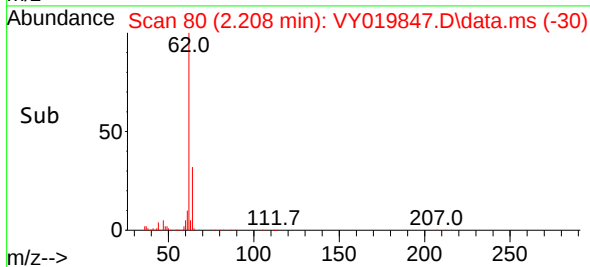
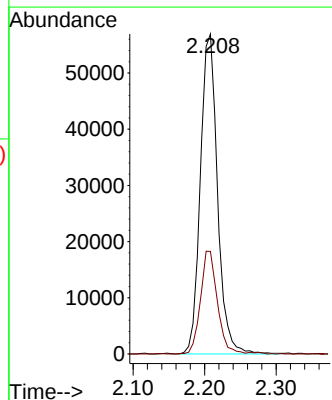
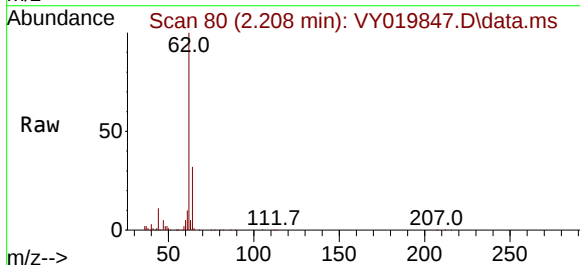
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

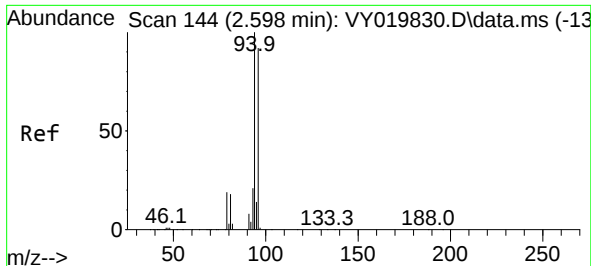
Tgt Ion: 50 Resp: 84938
Ion Ratio Lower Upper
50 100
52 33.8 25.1 37.7



#4
Vinyl Chloride
Concen: 19.601 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 62 Resp: 94807
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4

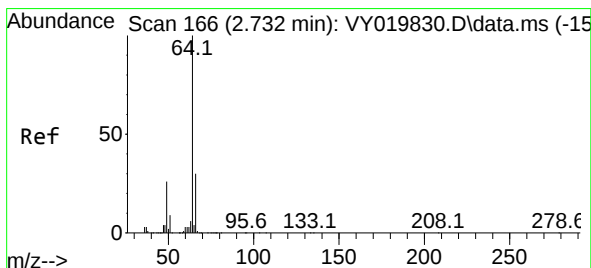
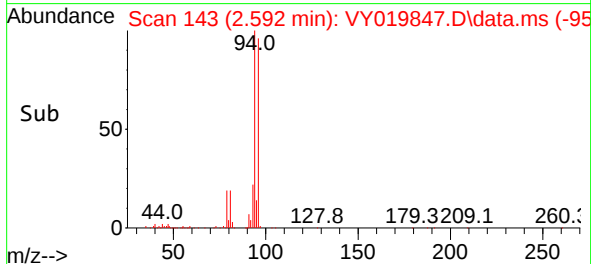
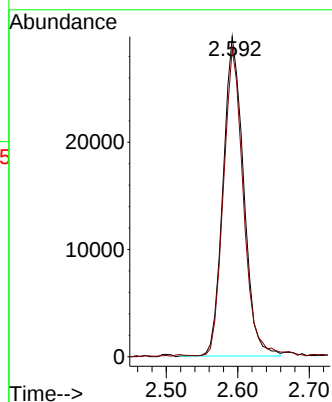
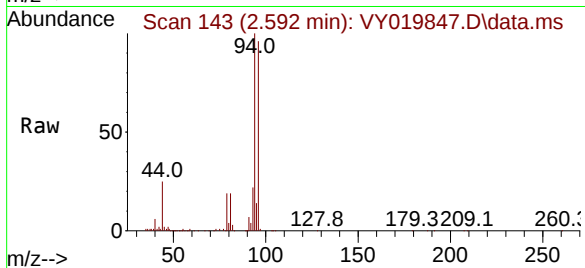




#5
Bromomethane
Concen: 19.322 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

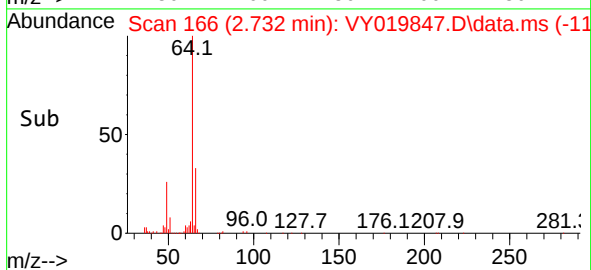
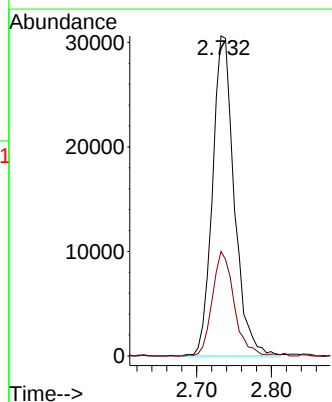
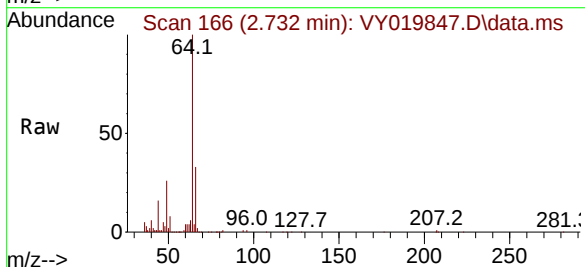
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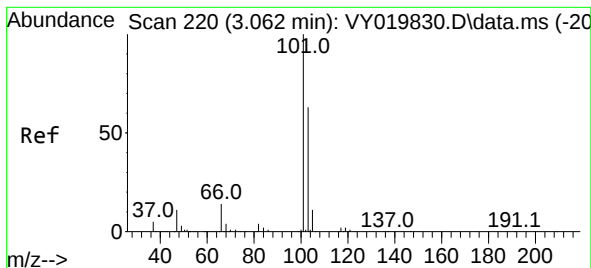
Tgt Ion: 94 Resp: 59156
Ion Ratio Lower Upper
94 100
96 95.9 73.6 110.4



#6
Chloroethane
Concen: 19.069 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 64 Resp: 61964
Ion Ratio Lower Upper
64 100
66 32.7 24.2 36.2





#7

Trichlorofluoromethane

Concen: 19.759 ug/l

RT: 3.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

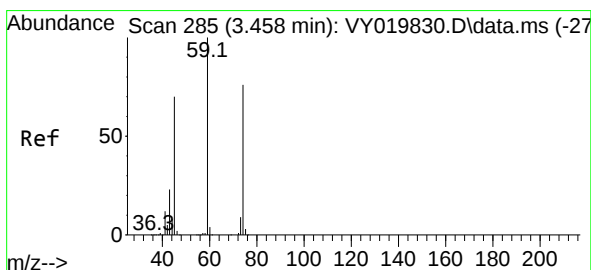
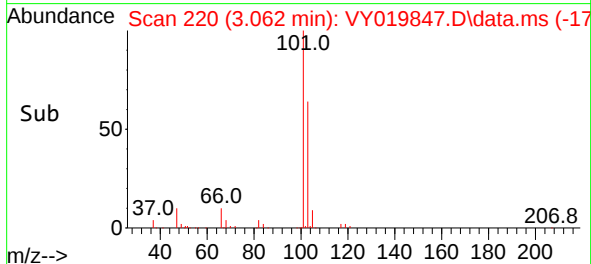
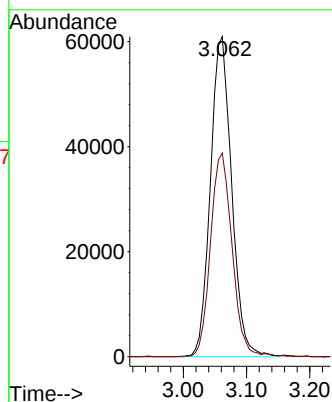
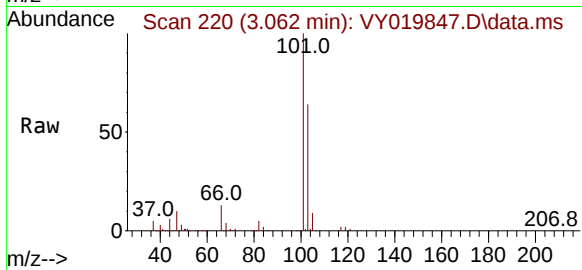
VY1010SBSD01

Tgt Ion:101 Resp: 142210

Ion Ratio Lower Upper

101 100

103 63.6 50.1 75.1



#8

Diethyl Ether

Concen: 19.318 ug/l

RT: 3.458 min Scan# 285

Delta R.T. -0.000 min

Lab File: VY019847.D

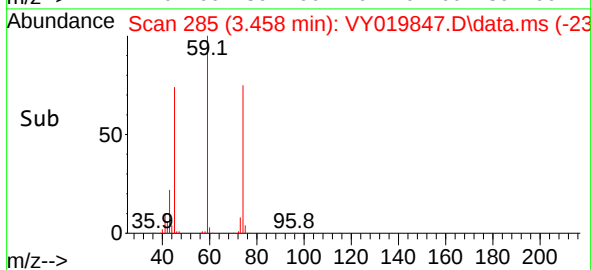
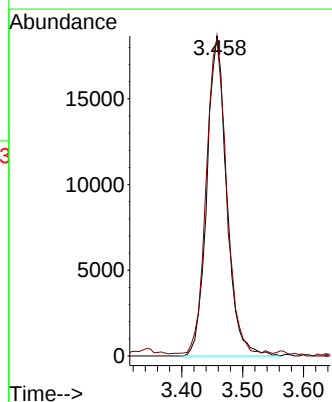
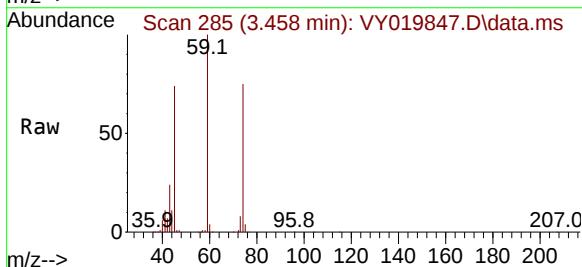
Acq: 10 Oct 2024 10:59

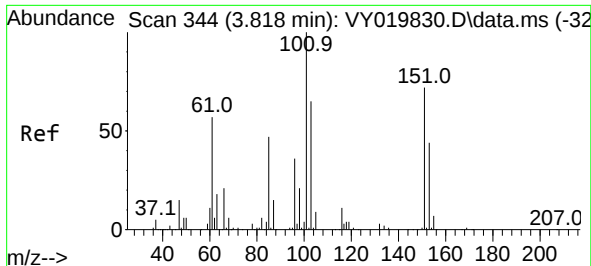
Tgt Ion: 74 Resp: 42255

Ion Ratio Lower Upper

74 100

45 100.2 49.9 149.6

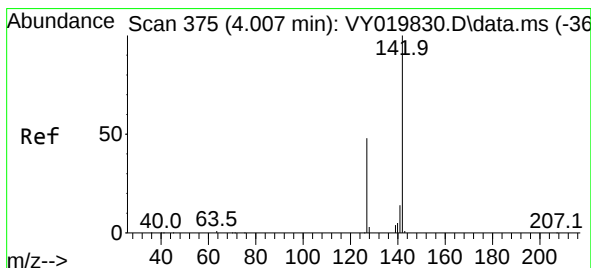
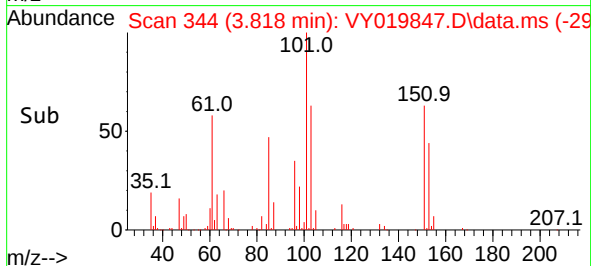
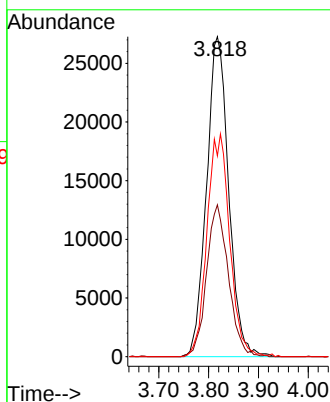
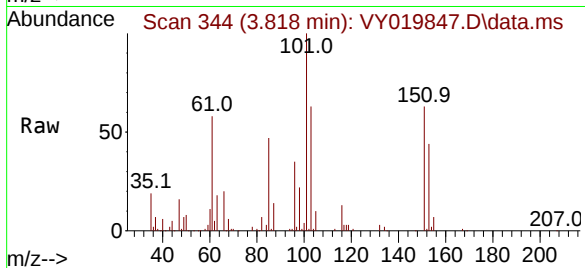




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.093 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

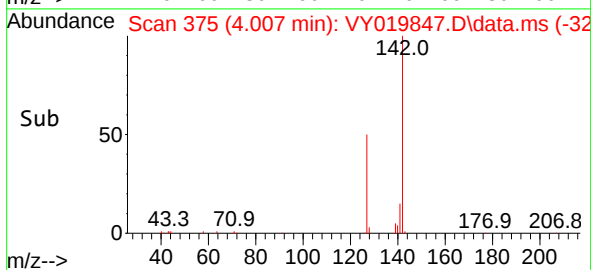
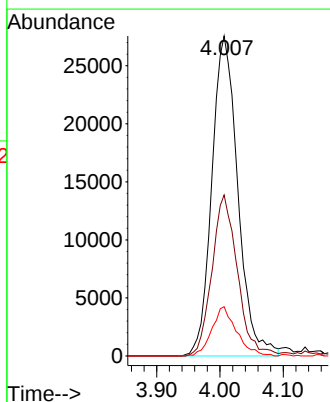
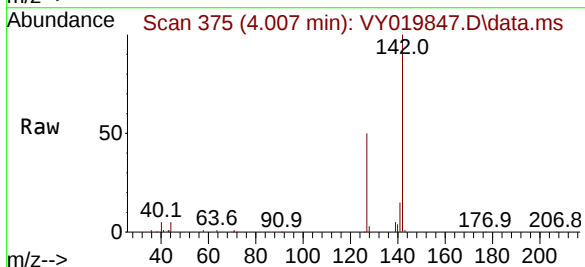
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

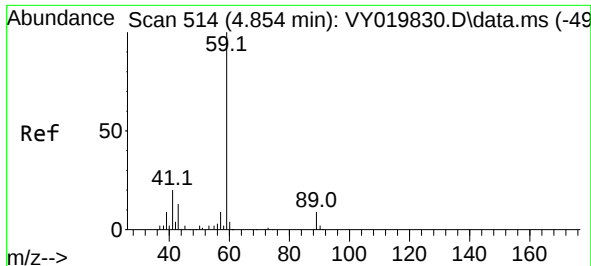
Tgt Ion:101 Resp: 84118
Ion Ratio Lower Upper
101 100
85 46.9 37.9 56.9
151 71.1 57.0 85.6



#10
Methyl Iodide
Concen: 18.566 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion:142 Resp: 78610
Ion Ratio Lower Upper
142 100
127 49.1 39.4 59.2
141 14.6 11.7 17.5

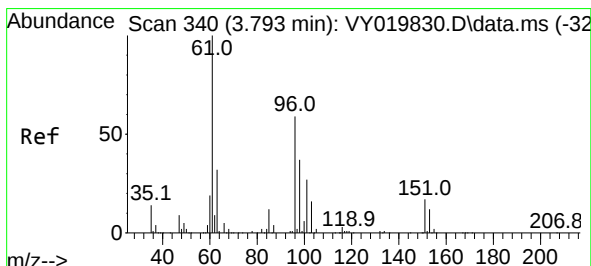
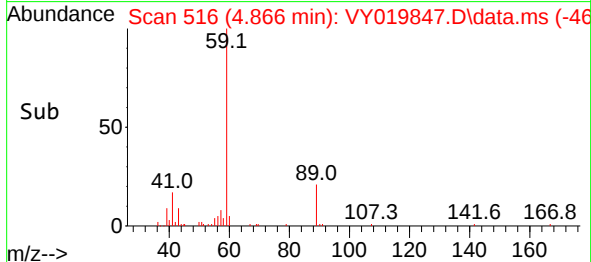
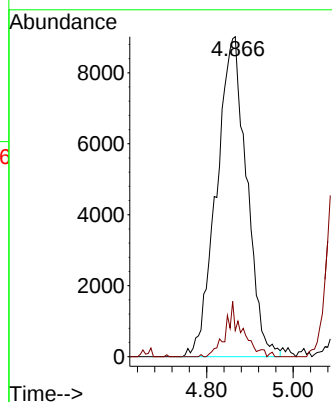
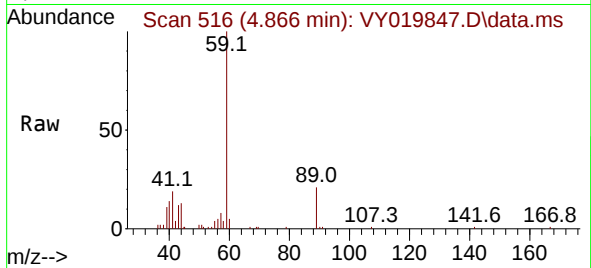




#11
Tert butyl alcohol
Concen: 110.771 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

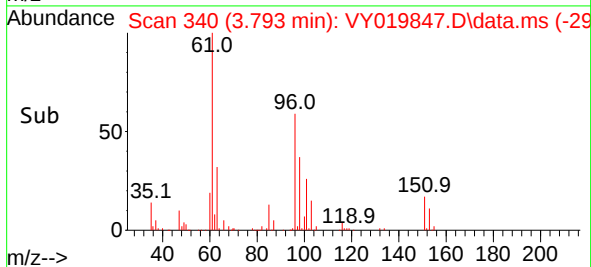
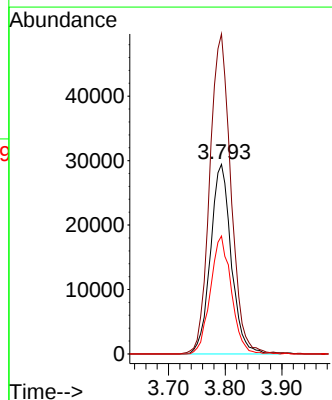
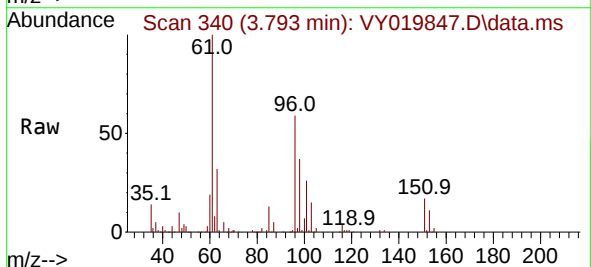
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

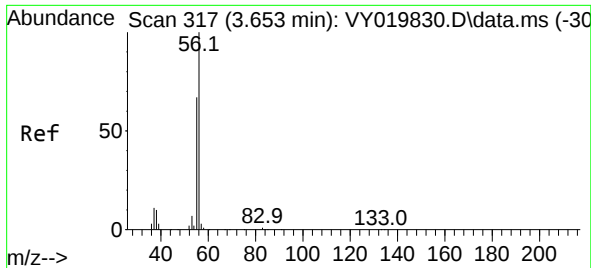
Tgt Ion: 59 Resp: 43624
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.242 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 96 Resp: 74888
Ion Ratio Lower Upper
96 100
61 168.8 134.9 202.3
98 62.2 50.2 75.4





#13

Acrolein

Concen: 109.383 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

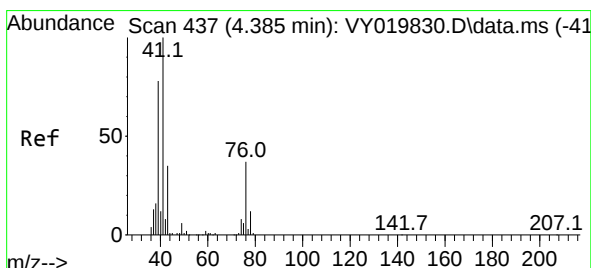
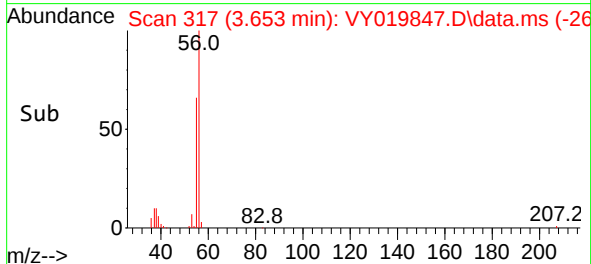
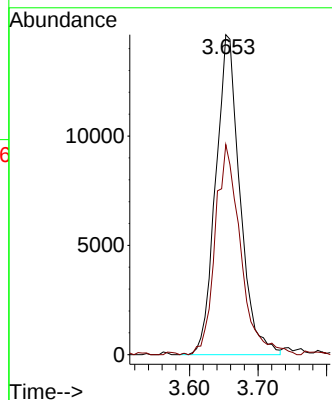
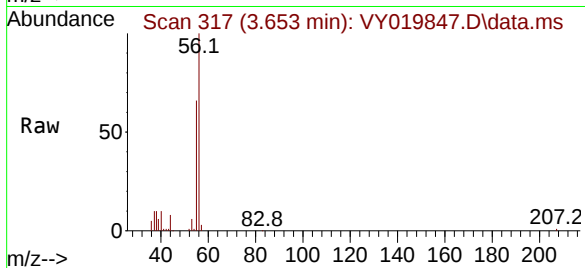
VY1010SBS01

Tgt Ion: 56 Resp: 35902

Ion Ratio Lower Upper

56 100

55 68.8 56.9 85.3



#14

Allyl chloride

Concen: 19.471 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

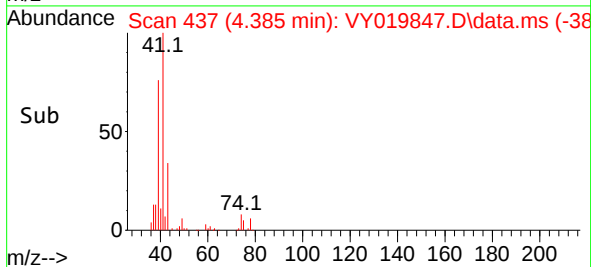
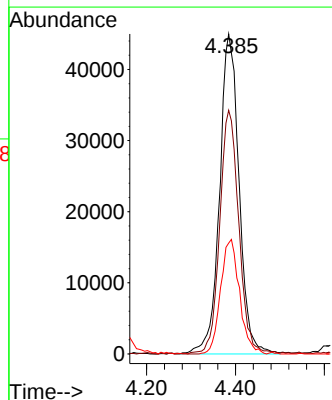
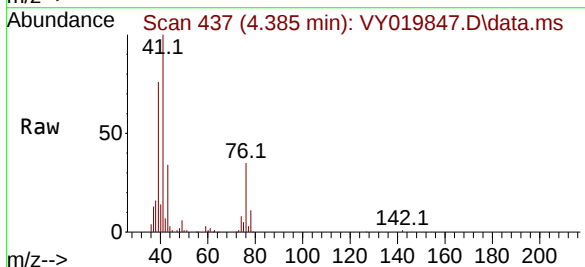
Tgt Ion: 41 Resp: 136727

Ion Ratio Lower Upper

41 100

39 74.4 59.1 88.7

76 34.7 28.6 42.8

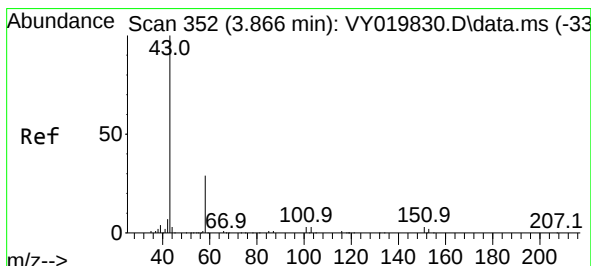
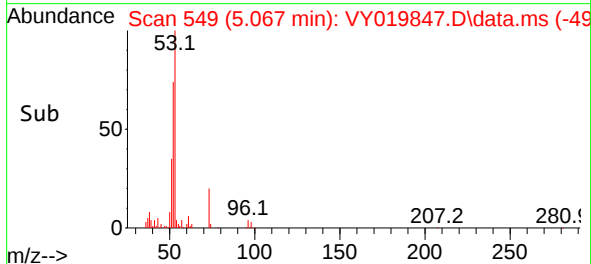
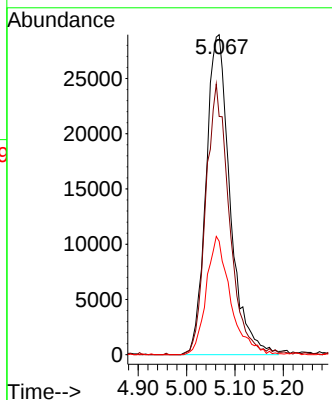
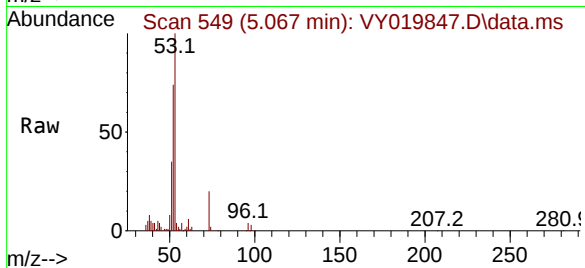




#15
Acrylonitrile
Concen: 100.085 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

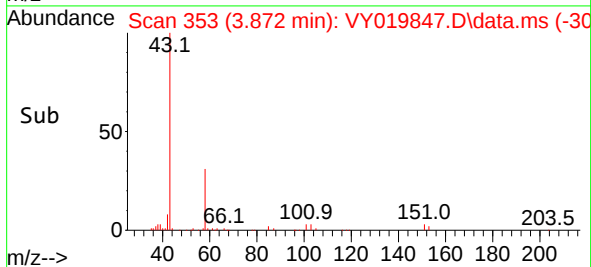
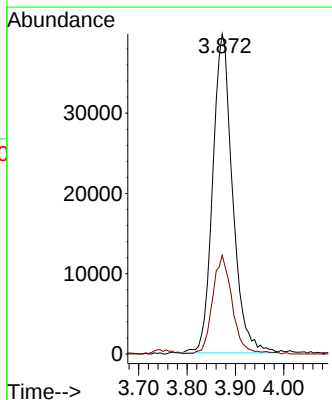
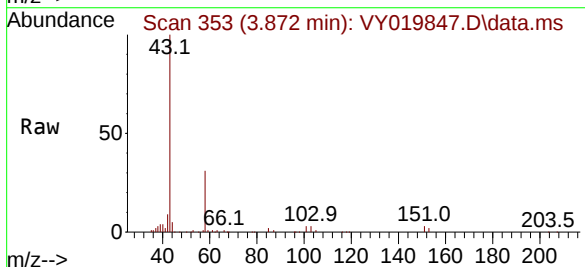
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

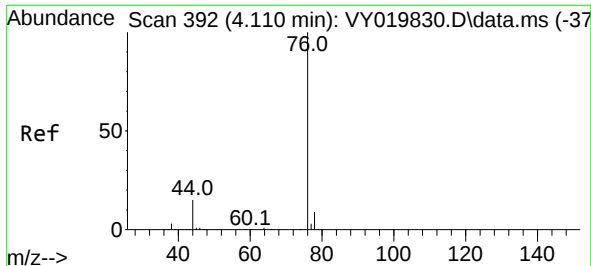
Tgt Ion: 53 Resp: 100134
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.6
51 37.3 29.9 44.9



#16
Acetone
Concen: 97.478 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 43 Resp: 113346
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.6

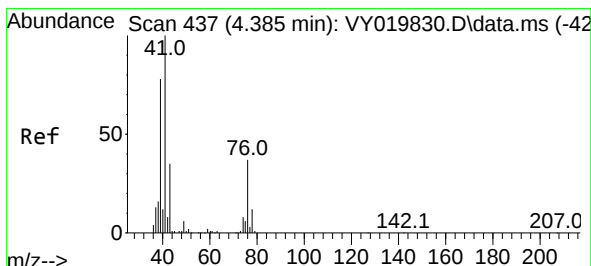
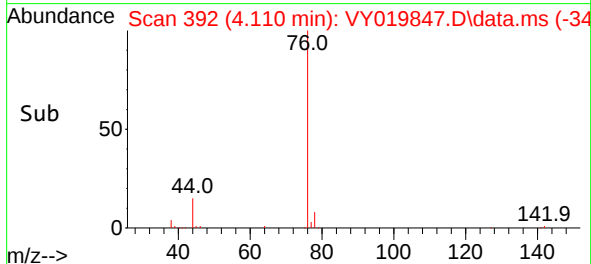
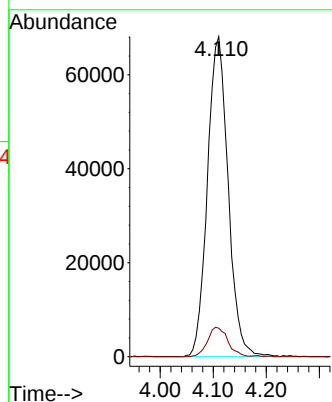
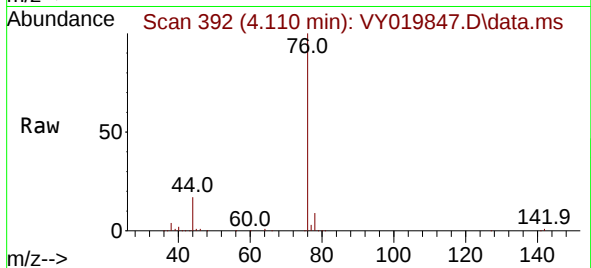




#17
Carbon Disulfide
Concen: 17.707 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

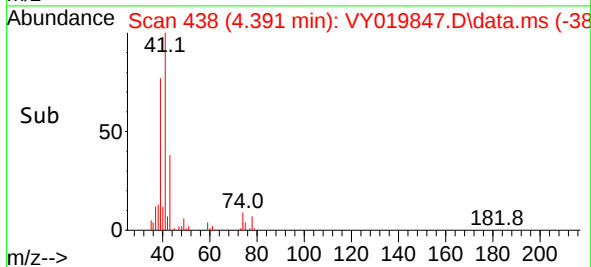
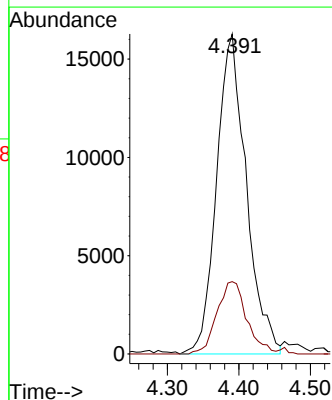
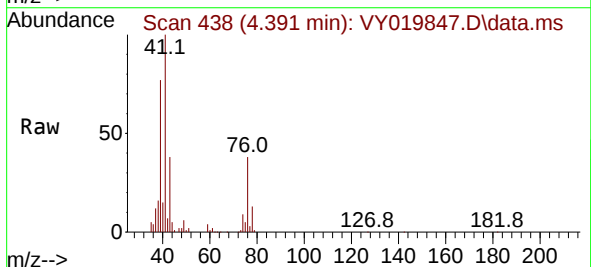
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

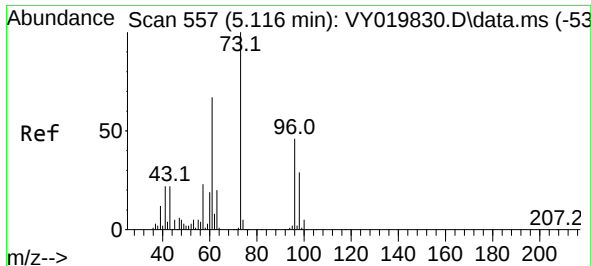
Tgt Ion: 76 Resp: 184717
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 18.752 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 43 Resp: 46970
Ion Ratio Lower Upper
43 100
74 22.6 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 19.654 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

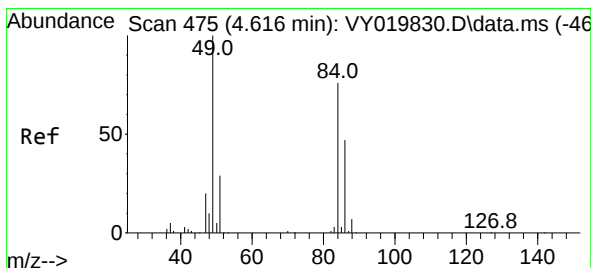
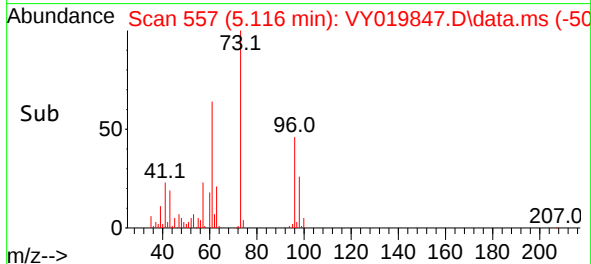
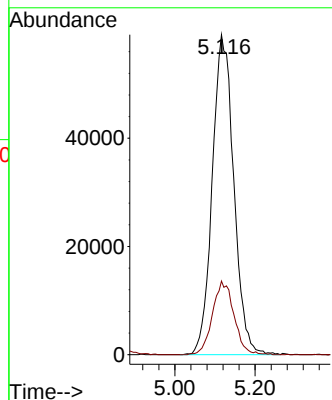
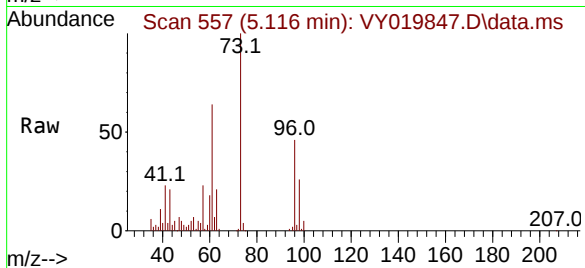
VY1010SBS01

Tgt Ion: 73 Resp: 219755

Ion Ratio Lower Upper

73 100

57 23.0 18.6 28.0



#20

Methylene Chloride

Concen: 19.302 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Tgt Ion: 84 Resp: 90579

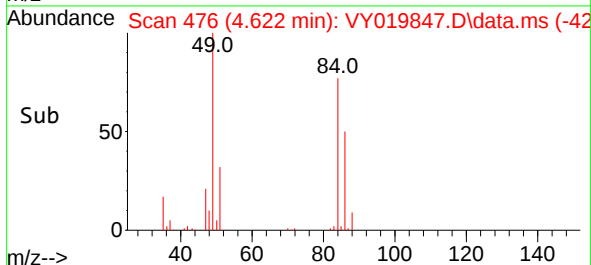
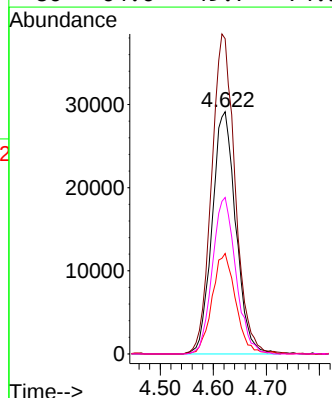
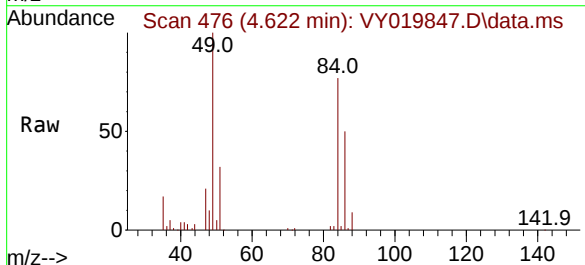
Ion Ratio Lower Upper

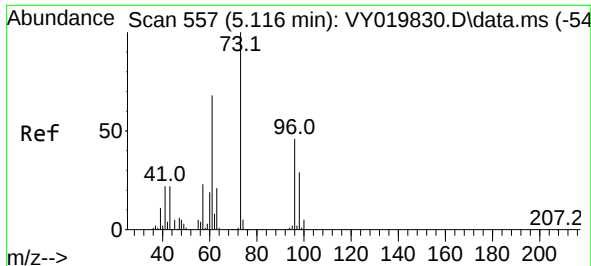
84 100

49 130.1 104.8 157.2

51 41.5 30.4 45.6

86 64.6 49.7 74.5

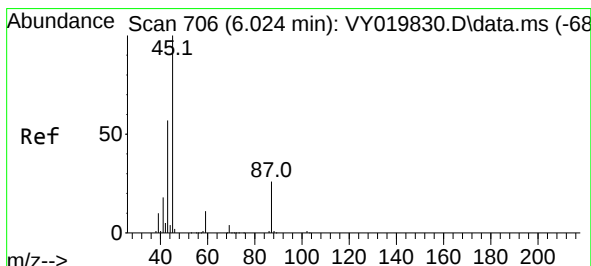
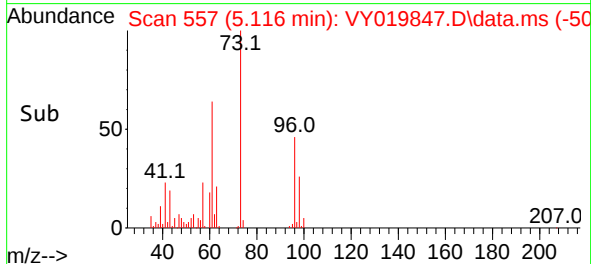
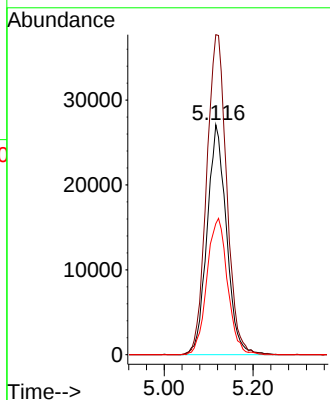
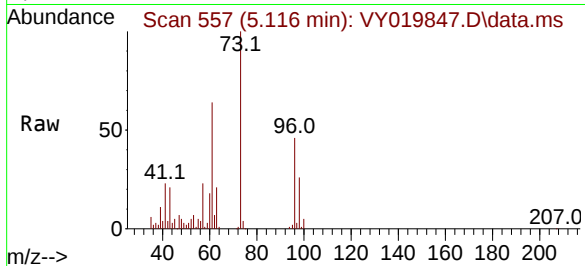




#21
trans-1,2-Dichloroethene
Concen: 19.388 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

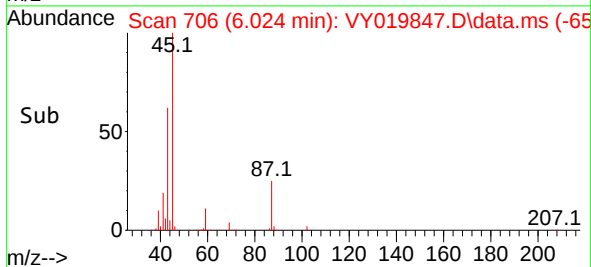
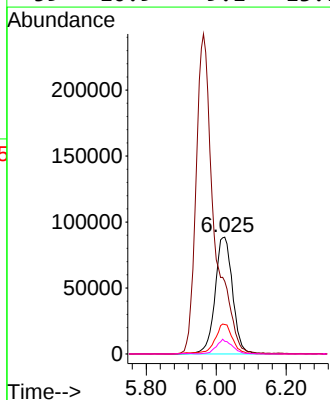
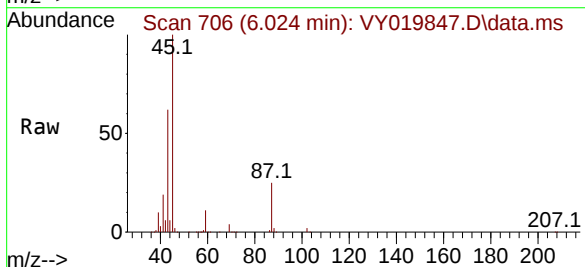
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

Tgt Ion: 96 Resp: 82122
Ion Ratio Lower Upper
96 100
61 139.1 117.9 176.9
98 57.0 51.0 76.4



#22
Diisopropyl ether
Concen: 20.089 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 45 Resp: 307271
Ion Ratio Lower Upper
45 100
43 62.1 45.4 68.0
87 25.2 21.1 31.7
59 10.9 9.1 13.7

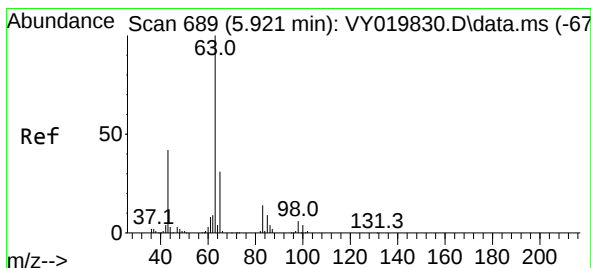
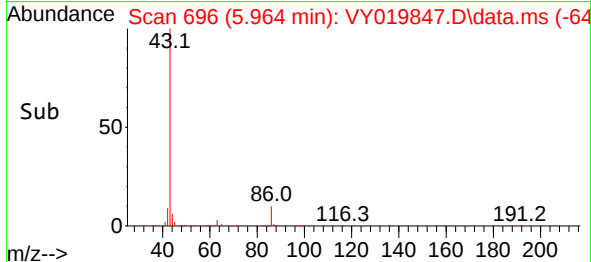
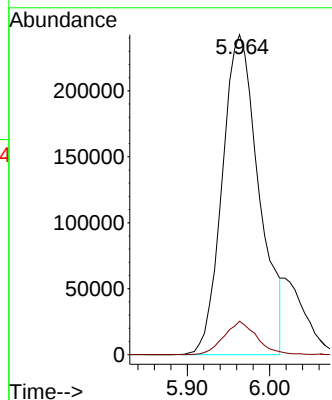
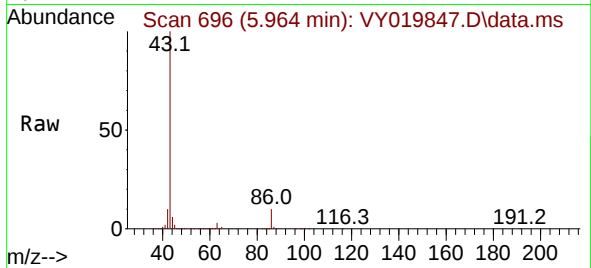




#23
 Vinyl Acetate
 Concen: 85.896 ug/l m
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY019847.D
 Acq: 10 Oct 2024 10:59

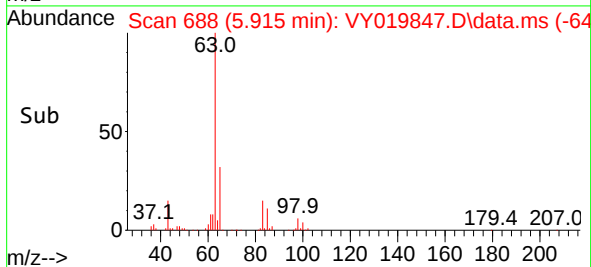
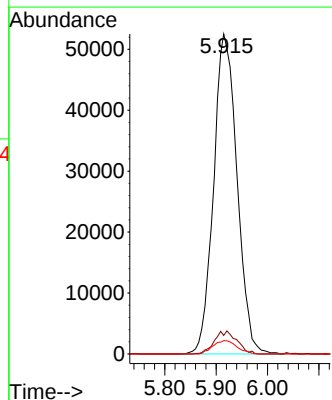
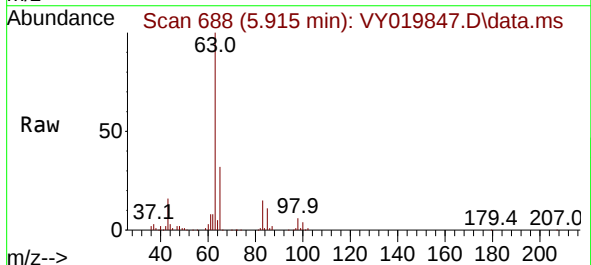
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBSD01

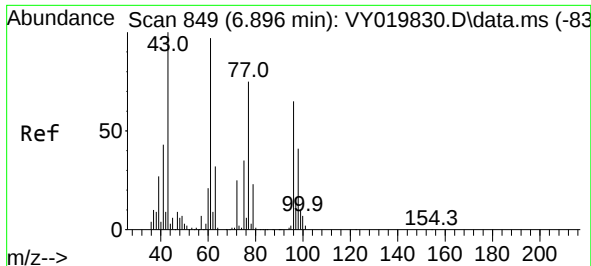
Tgt Ion: 43 Resp: 753185
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.555 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY019847.D
 Acq: 10 Oct 2024 10:59

Tgt Ion: 63 Resp: 166266
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.2 9.6
 100 4.1 2.2 6.6

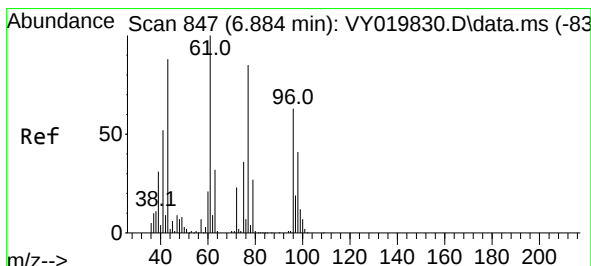
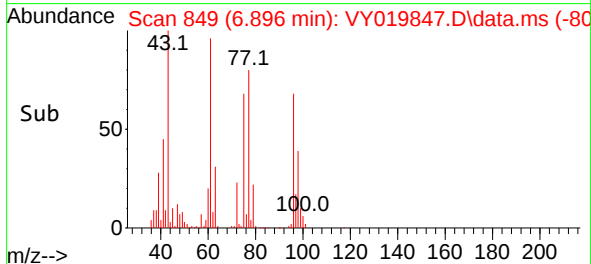
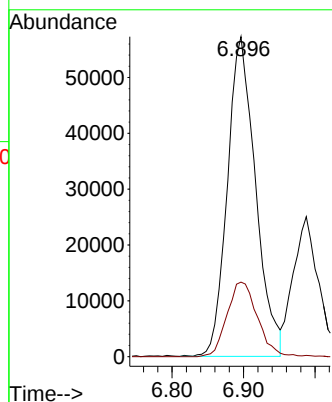
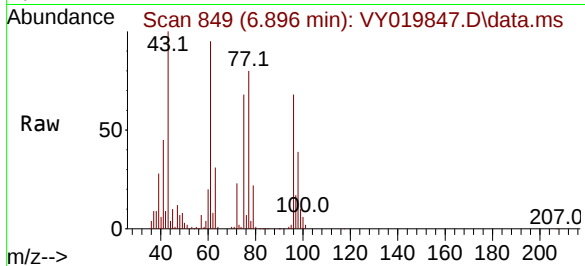




#25
2-Butanone
Concen: 100.670 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

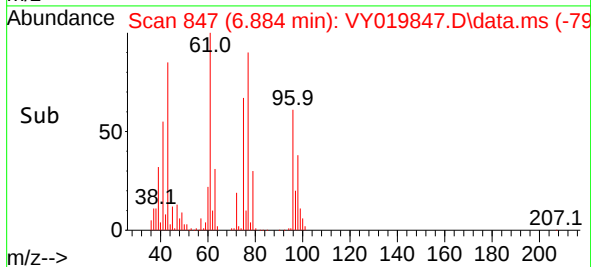
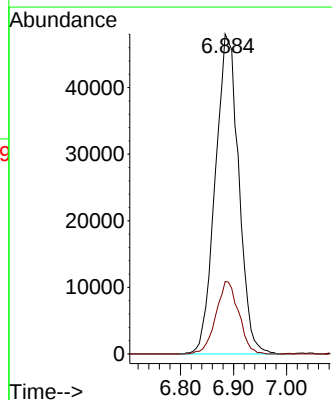
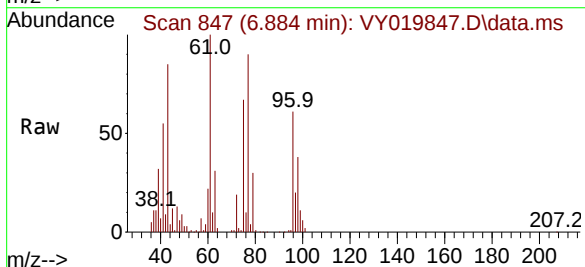
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

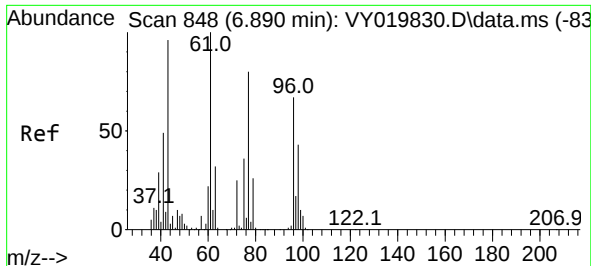
Tgt Ion: 43 Resp: 156686
Ion Ratio Lower Upper
43 100
72 23.3 19.8 29.6



#26
2,2-Dichloropropane
Concen: 19.482 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 77 Resp: 147521
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6

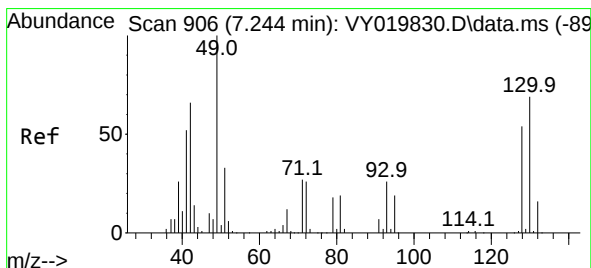
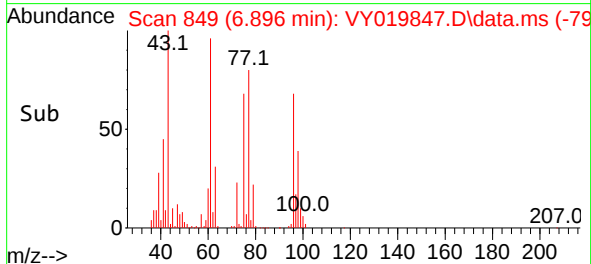
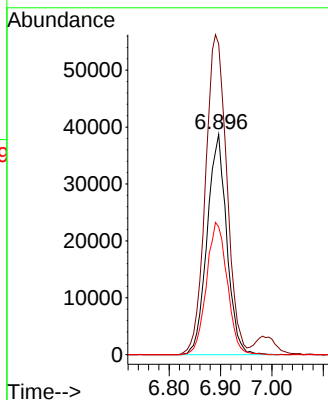
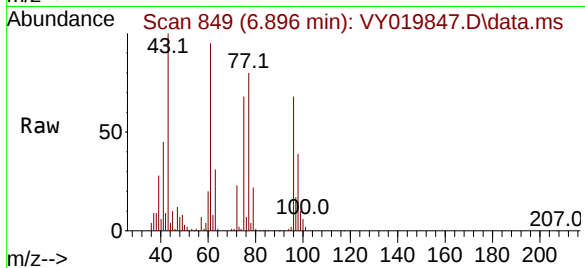




#27
 cis-1,2-Dichloroethene
 Concen: 19.625 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY019847.D
 Acq: 10 Oct 2024 10:59

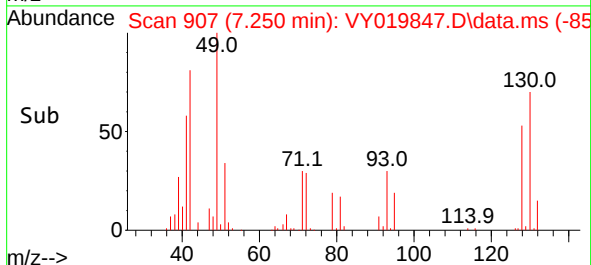
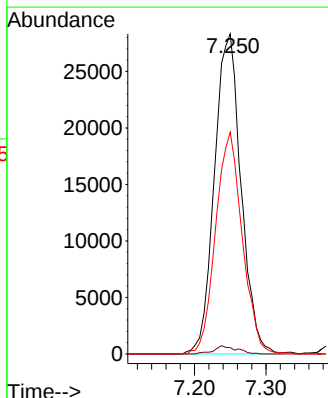
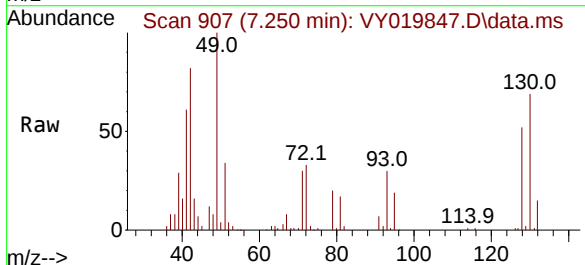
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBSD01

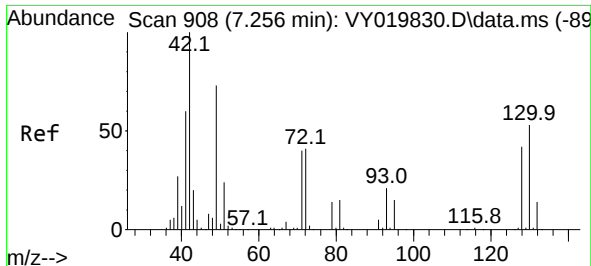
Tgt Ion: 96 Resp: 102727
 Ion Ratio Lower Upper
 96 100
 61 157.4 0.0 311.4
 98 63.7 0.0 129.2



#28
 Bromochloromethane
 Concen: 19.561 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019847.D
 Acq: 10 Oct 2024 10:59

Tgt Ion: 49 Resp: 73203
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 69.3 55.0 82.4





#29

Tetrahydrofuran

Concen: 98.134 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

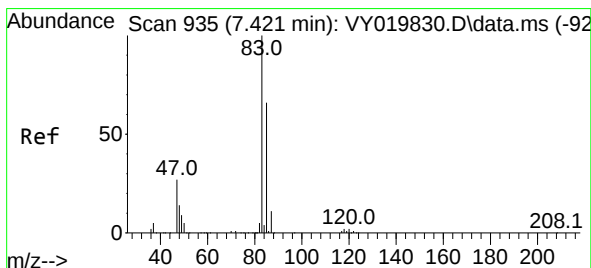
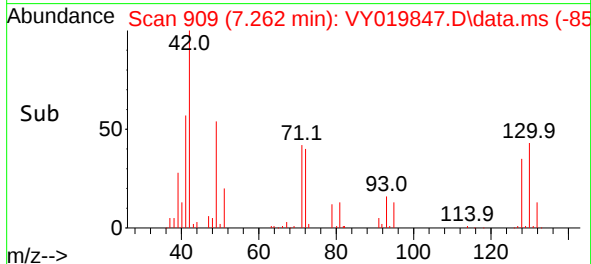
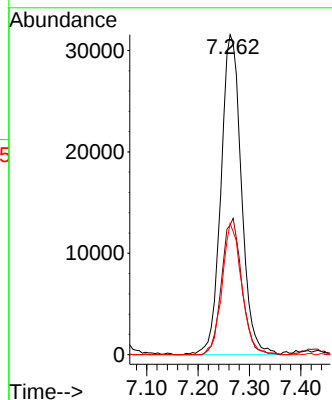
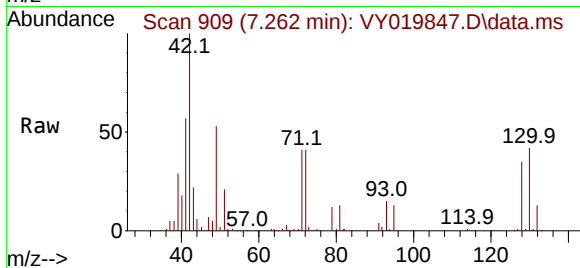
Tgt Ion: 42 Resp: 87210

Ion Ratio Lower Upper

42 100

72 41.8 33.4 50.0

71 39.5 31.6 47.4



#30

Chloroform

Concen: 19.958 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019847.D

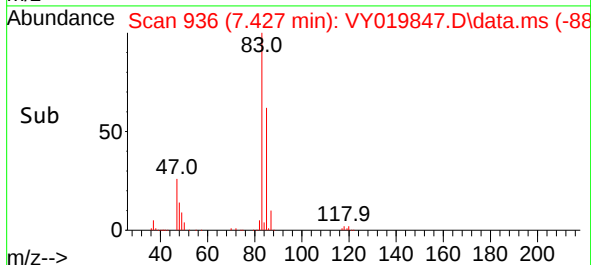
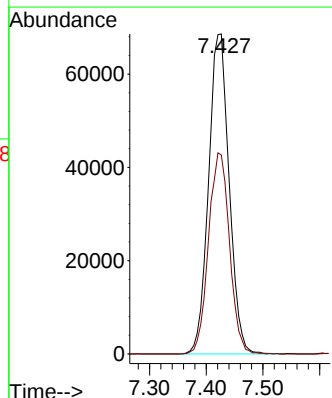
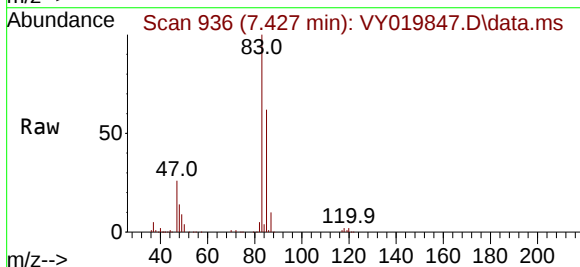
Acq: 10 Oct 2024 10:59

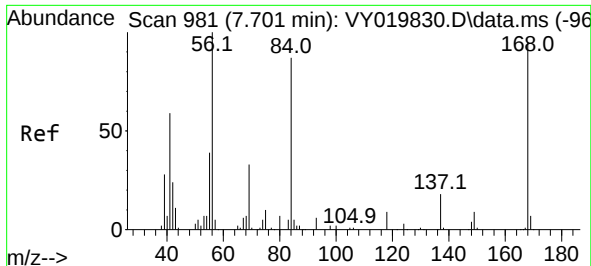
Tgt Ion: 83 Resp: 172982

Ion Ratio Lower Upper

83 100

85 62.2 52.7 79.1

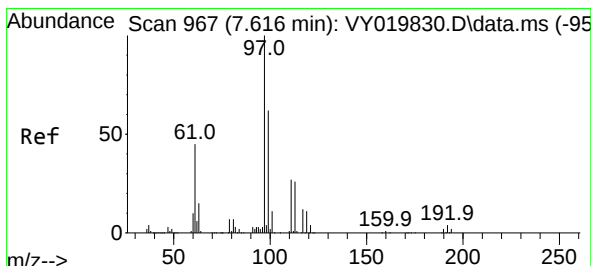
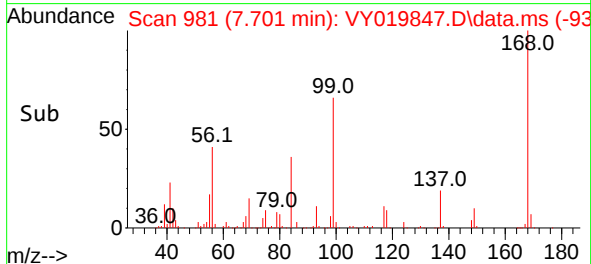
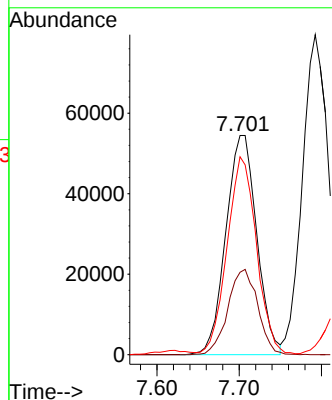
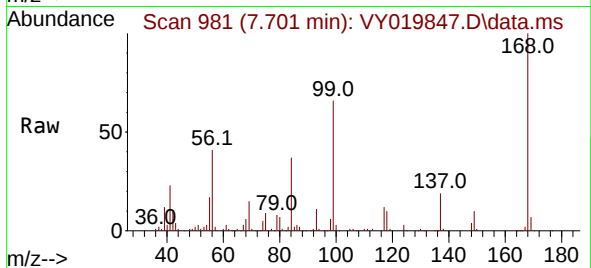




#31
Cyclohexane
Concen: 19.069 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

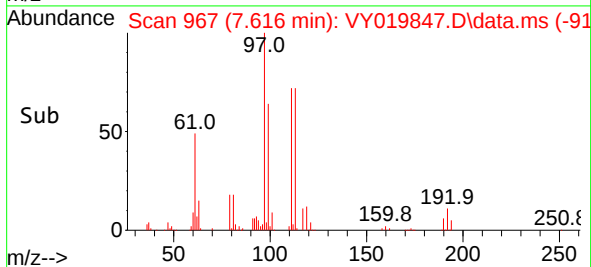
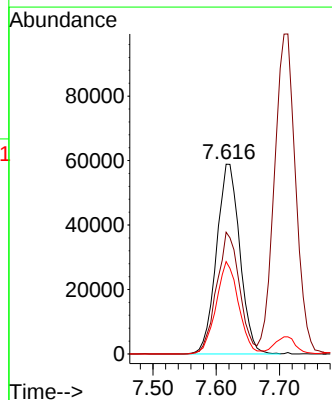
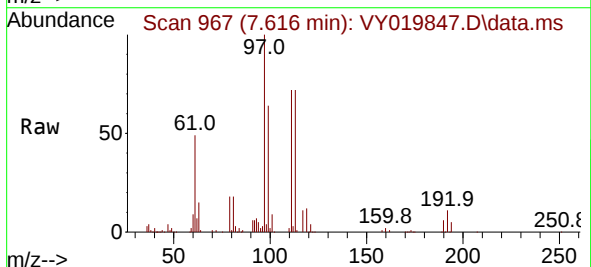
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

Tgt Ion: 56 Resp: 142319
Ion Ratio Lower Upper
56 100
69 37.6 26.6 39.8
84 88.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 19.817 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 97 Resp: 150521
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.4
61 47.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.311 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

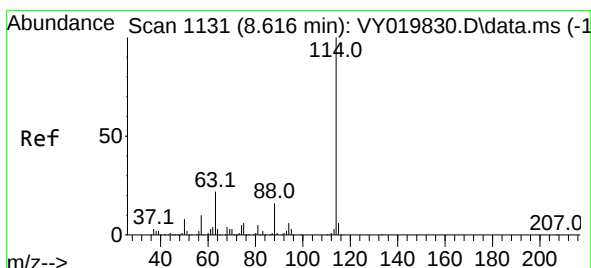
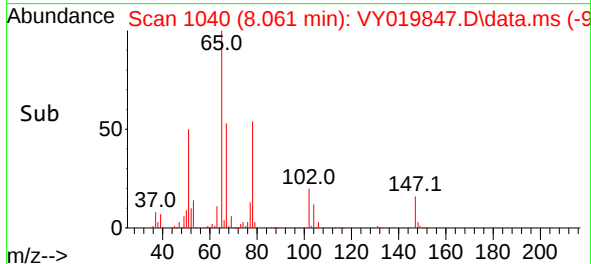
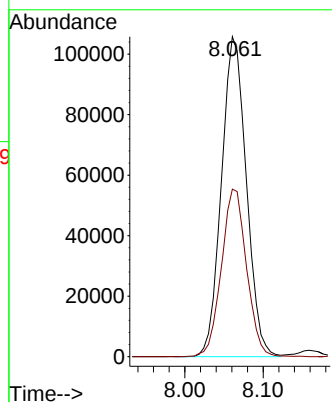
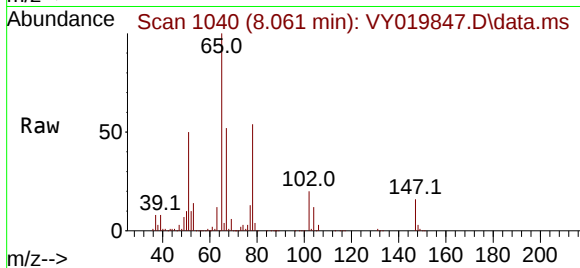
VY1010SBSD01

Tgt Ion: 65 Resp: 233663

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

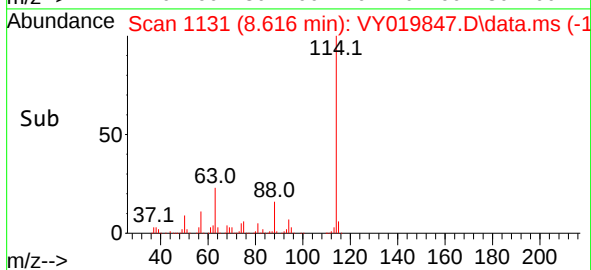
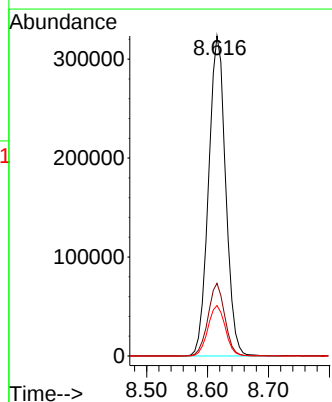
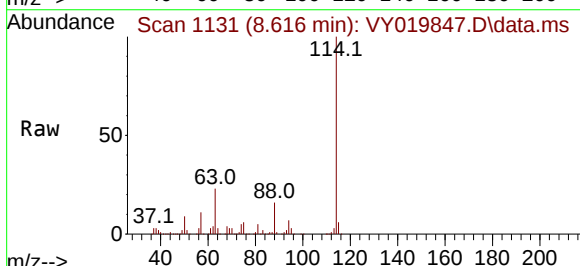
Tgt Ion: 114 Resp: 628808

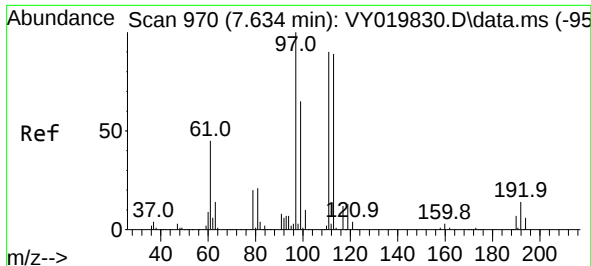
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.8

88 15.8 0.0 32.0

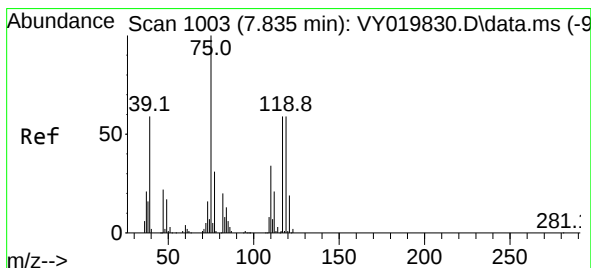
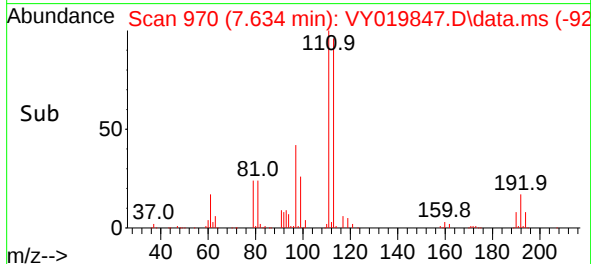
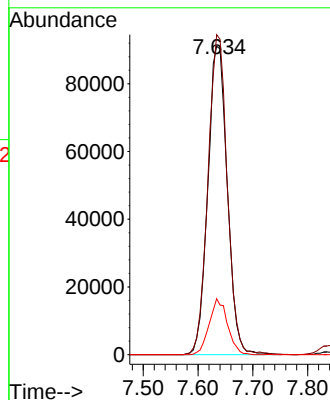
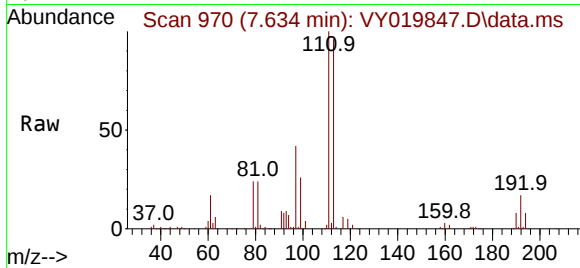




#35
Dibromofluoromethane
Concen: 54.176 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

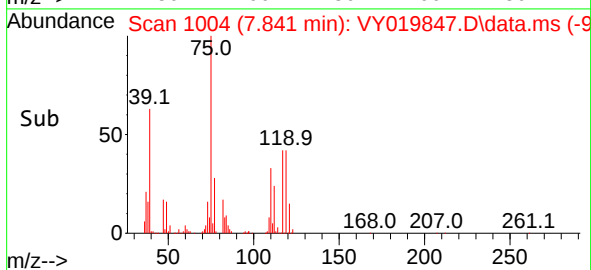
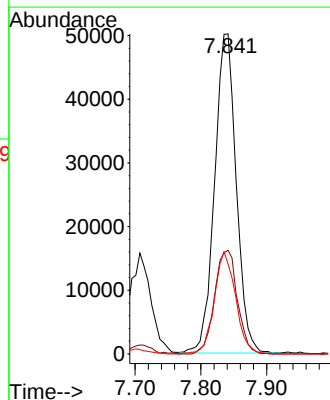
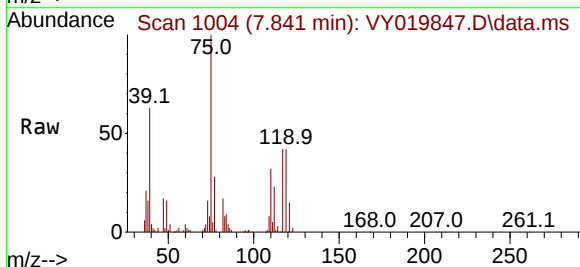
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

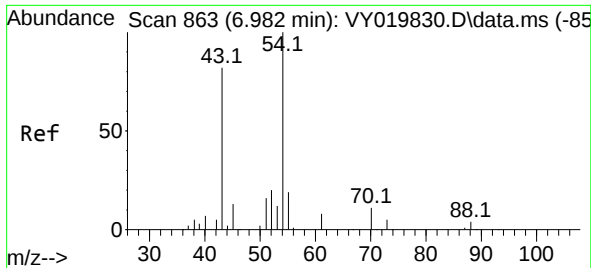
Tgt Ion:113 Resp: 224802
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.0 13.6 20.4



#36
1,1-Dichloropropene
Concen: 19.196 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 75 Resp: 114756
Ion Ratio Lower Upper
75 100
110 34.2 16.6 49.8
77 31.6 24.6 36.8

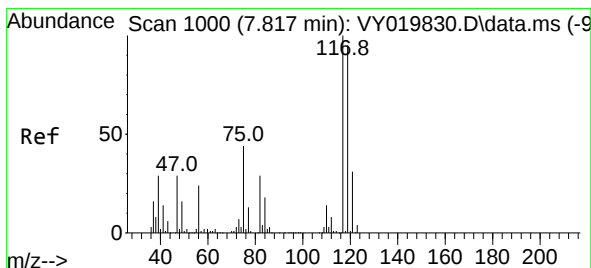
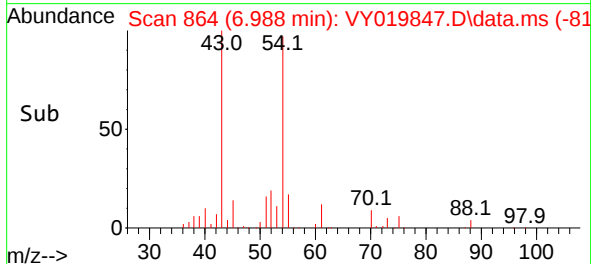
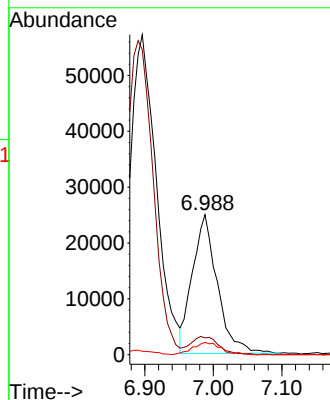
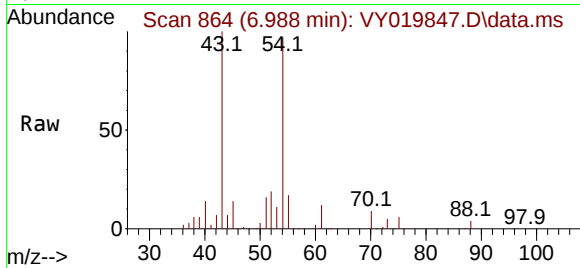




#37
Ethyl Acetate
Concen: 20.218 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

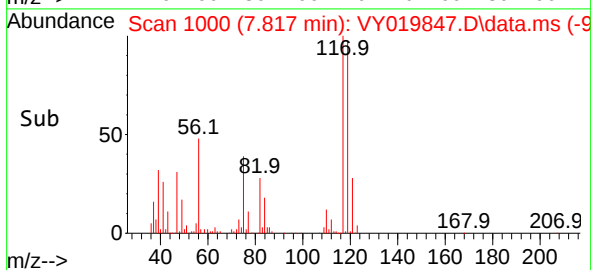
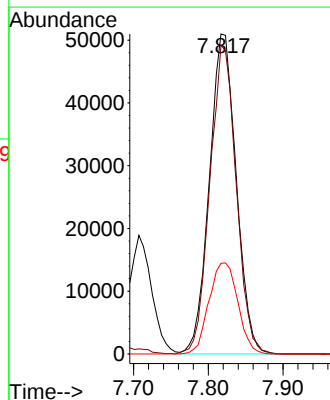
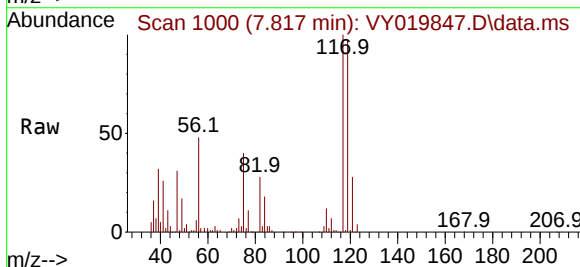
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBS01

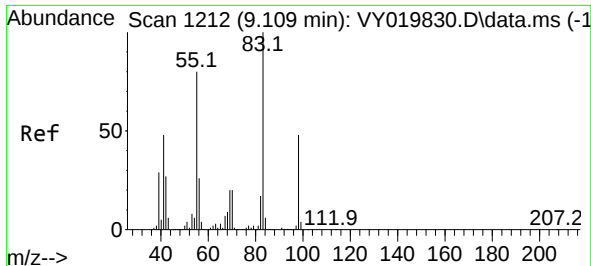
Tgt Ion: 43 Resp: 63023
Ion Ratio Lower Upper
43 100
61 15.0 10.9 16.3
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.914 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 117 Resp: 127621
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4
121 28.3 25.0 37.4





#39

Methylcyclohexane

Concen: 19.588 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

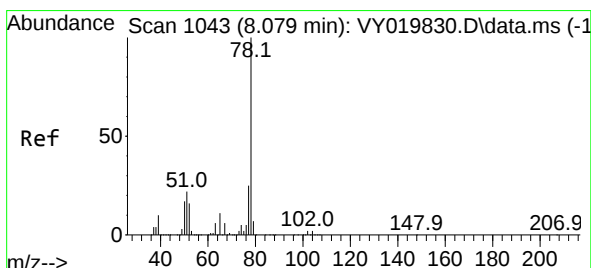
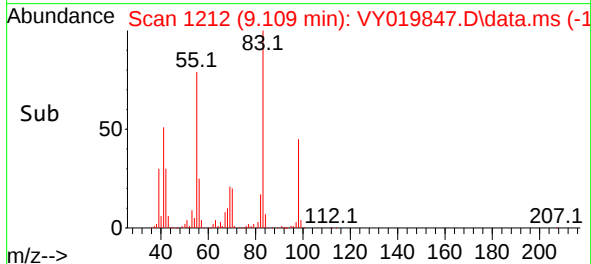
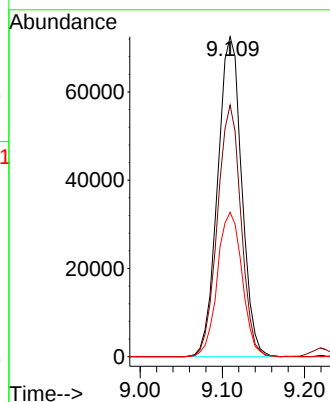
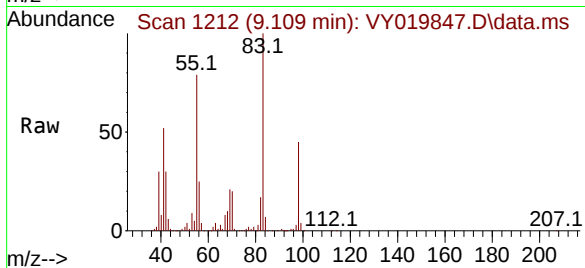
Tgt Ion: 83 Resp: 147545

Ion Ratio Lower Upper

83 100

55 78.7 63.7 95.5

98 45.1 38.3 57.5



#40

Benzene

Concen: 19.623 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY019847.D

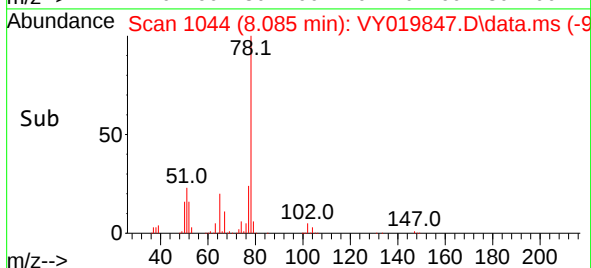
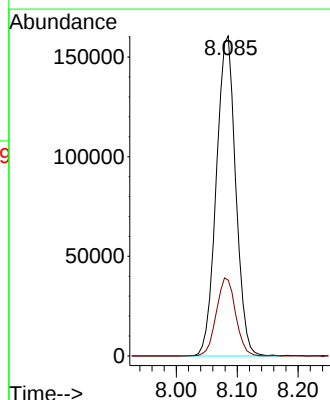
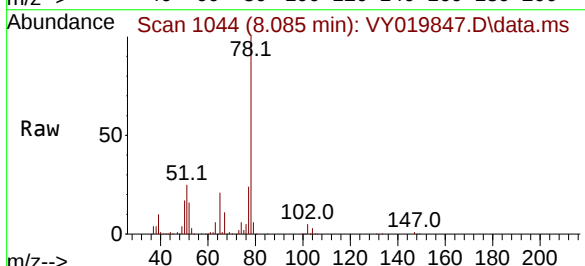
Acq: 10 Oct 2024 10:59

Tgt Ion: 78 Resp: 355024

Ion Ratio Lower Upper

78 100

77 23.7 19.6 29.4

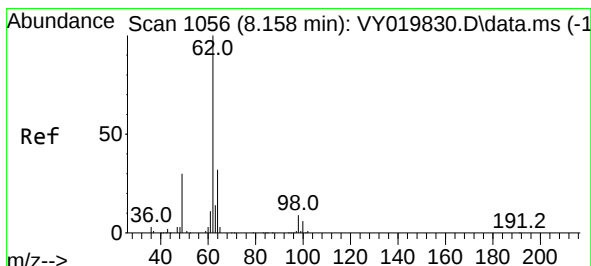
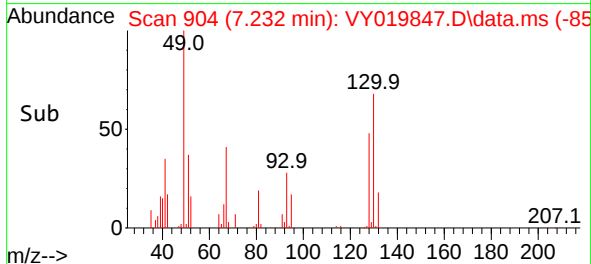
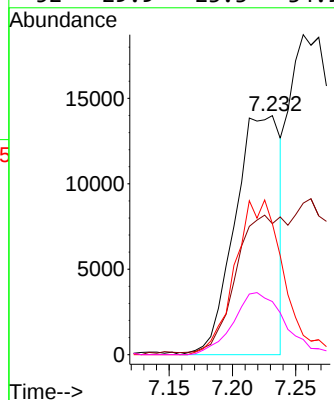
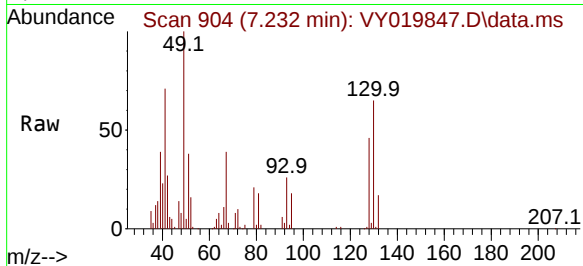




#41
Methacrylonitrile
Concen: 20.681 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

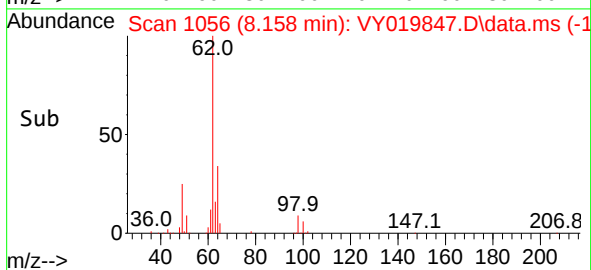
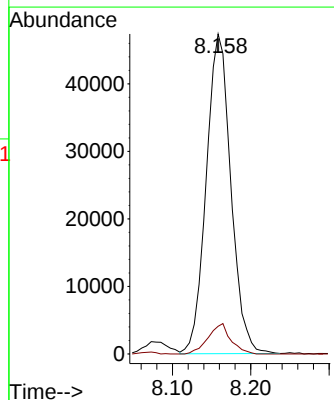
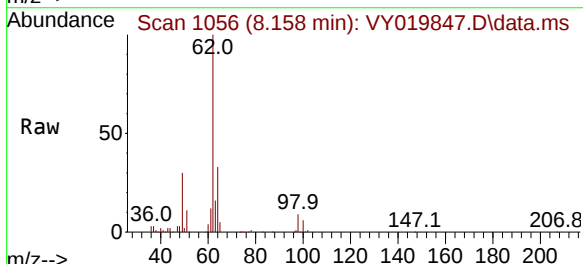
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

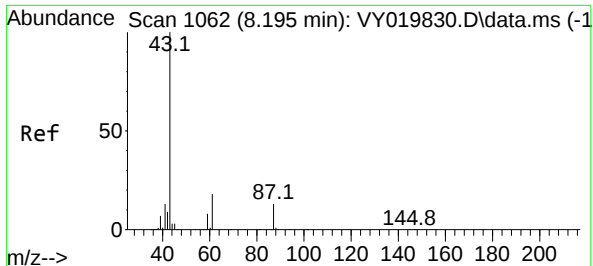
Tgt Ion:	41	Resp:	34891
Ion	Ratio	Lower	Upper
41	100		
39	47.8	43.9	65.9
67	69.8	53.2	79.8
52	29.9	23.3	34.9



#42
1,2-Dichloroethane
Concen: 19.919 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion:	62	Resp:	103533
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 20.039 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

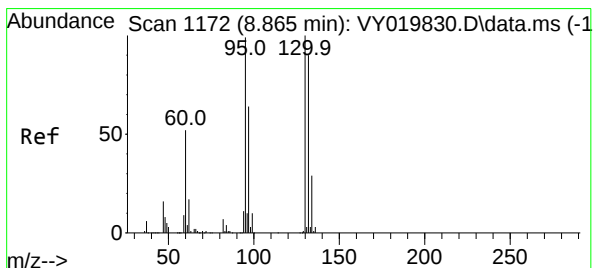
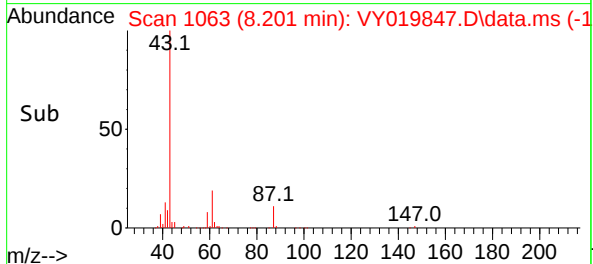
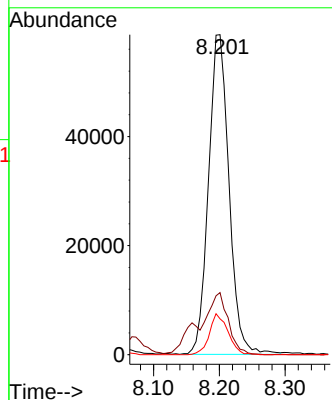
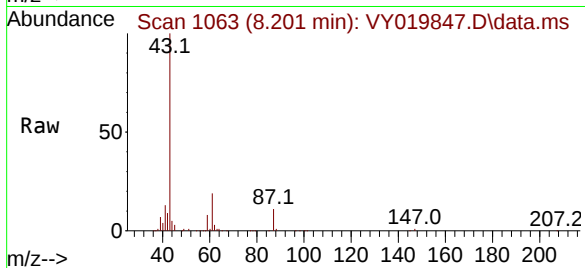
Tgt Ion: 43 Resp: 127391

Ion Ratio Lower Upper

43 100

61 19.5 15.5 23.3

87 11.6 9.9 14.9



#44

Trichloroethene

Concen: 19.590 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY019847.D

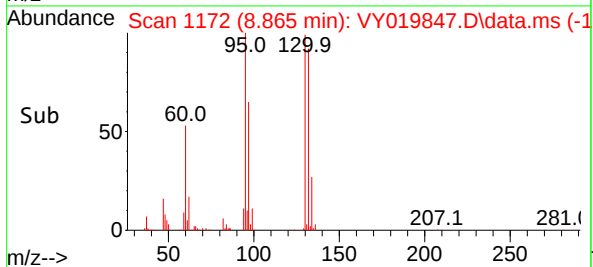
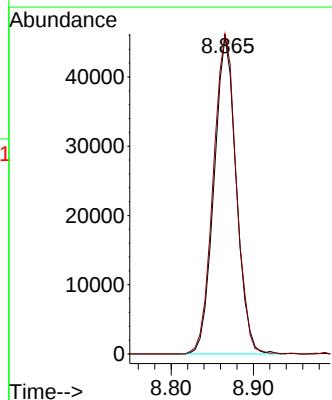
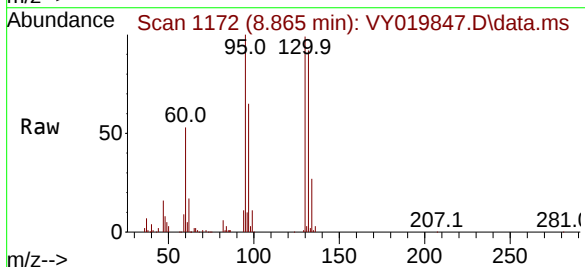
Acq: 10 Oct 2024 10:59

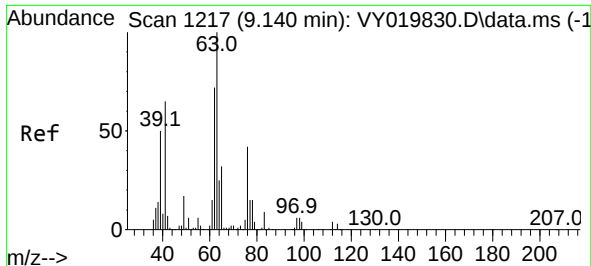
Tgt Ion:130 Resp: 85841

Ion Ratio Lower Upper

130 100

95 100.9 0.0 197.2





#45

1,2-Dichloropropane

Concen: 19.871 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

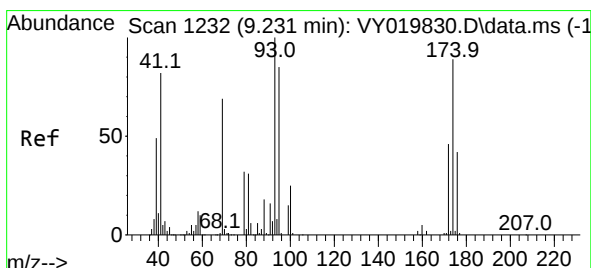
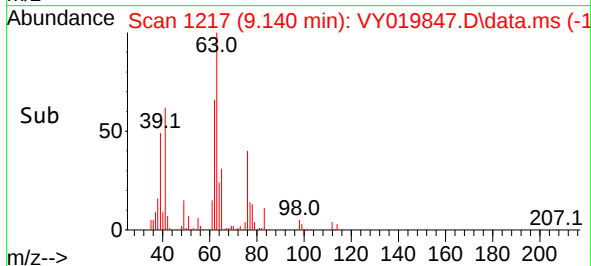
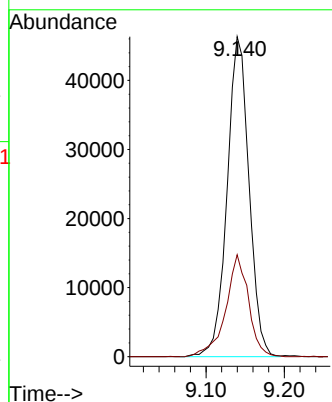
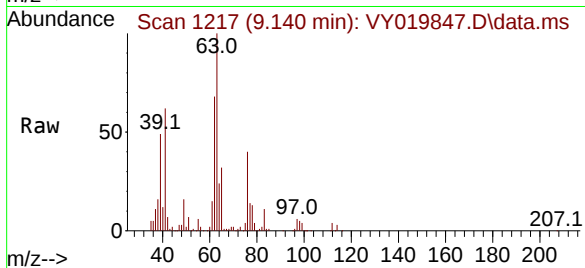
VY1010SBSD01

Tgt Ion: 63 Resp: 89980

Ion Ratio Lower Upper

63 100

65 31.9 25.6 38.4



#46

Dibromomethane

Concen: 19.636 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

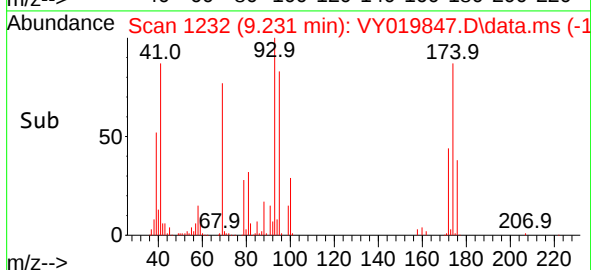
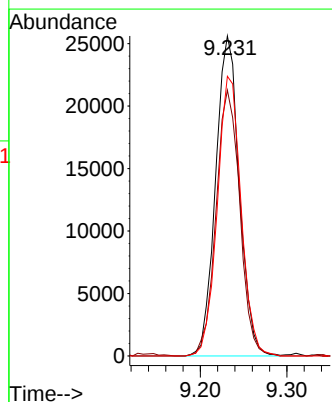
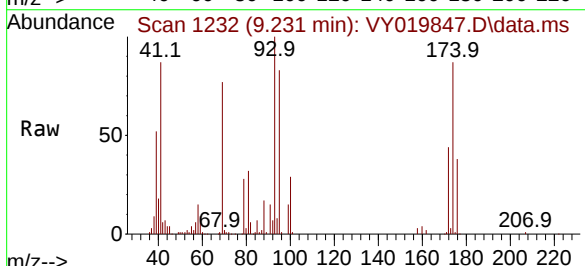
Tgt Ion: 93 Resp: 48580

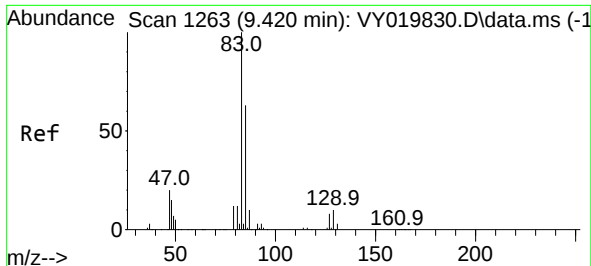
Ion Ratio Lower Upper

93 100

95 83.5 65.4 98.2

174 87.8 70.4 105.6

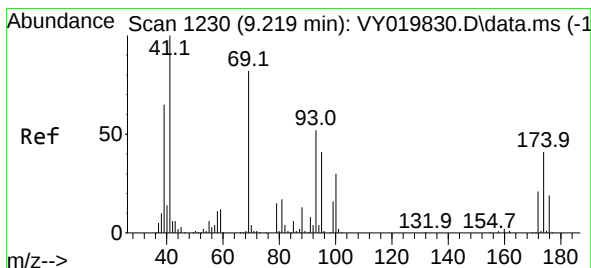
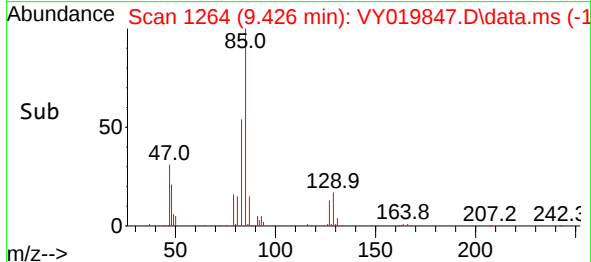
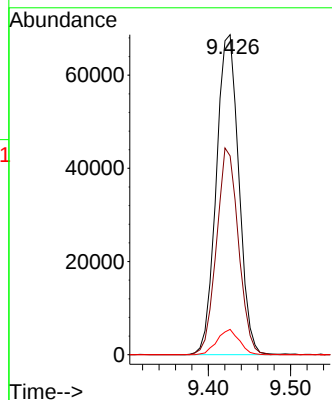
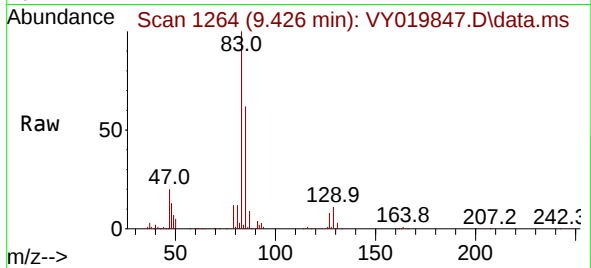




#47
Bromodichloromethane
Concen: 19.906 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

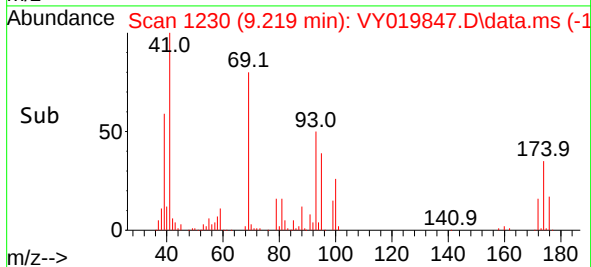
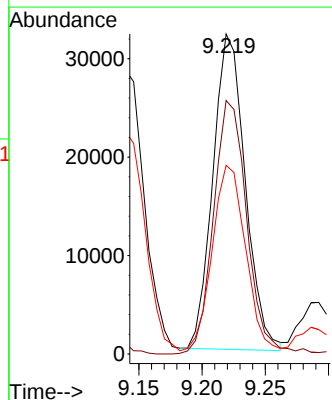
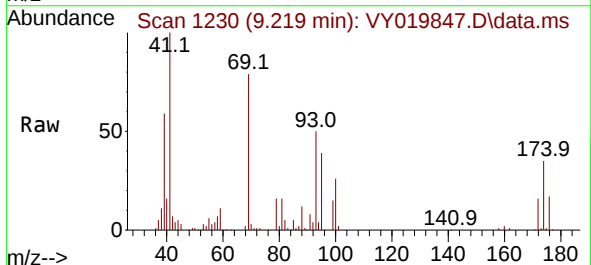
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

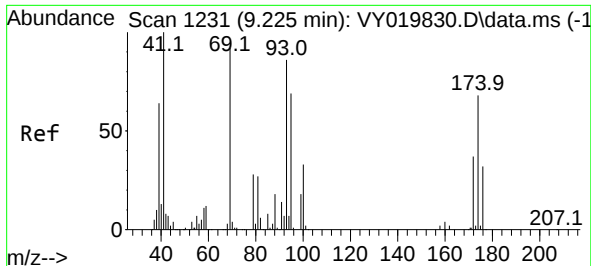
Tgt Ion: 83 Resp: 130721
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.2
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 20.352 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 41 Resp: 56911
Ion Ratio Lower Upper
41 100
69 83.1 66.3 99.5
39 60.8 50.2 75.4





#49

1,4-Dioxane

Concen: 384.896 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

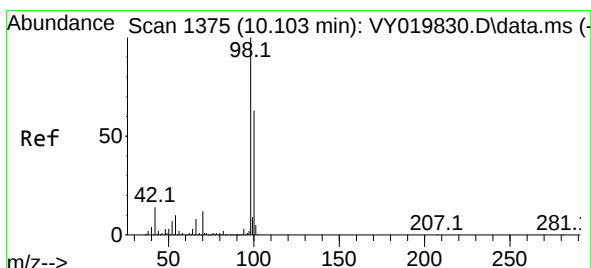
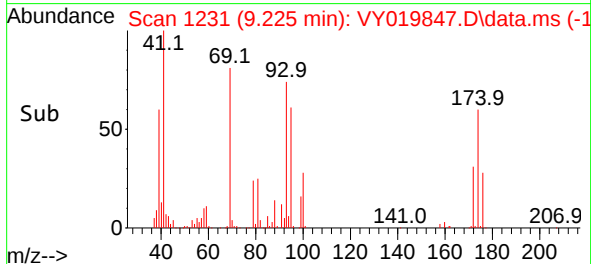
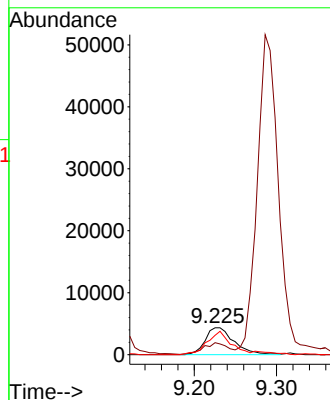
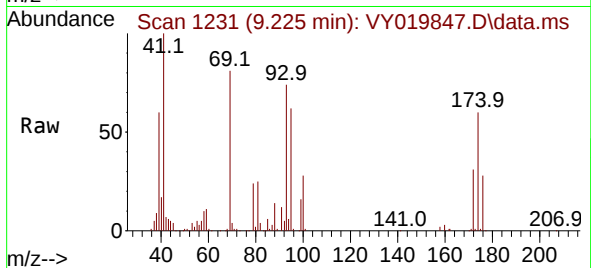
Tgt Ion: 88 Resp: 10658

Ion Ratio Lower Upper

88 100

43 36.1 28.5 42.7

58 70.7 52.6 78.8



#50

Toluene-d8

Concen: 54.058 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019847.D

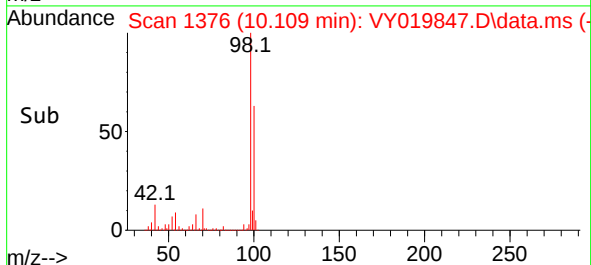
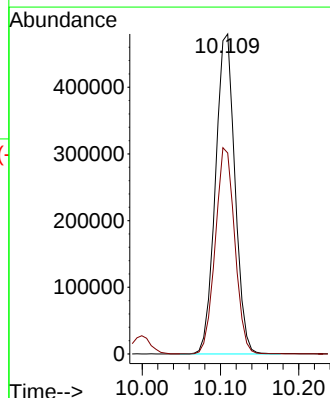
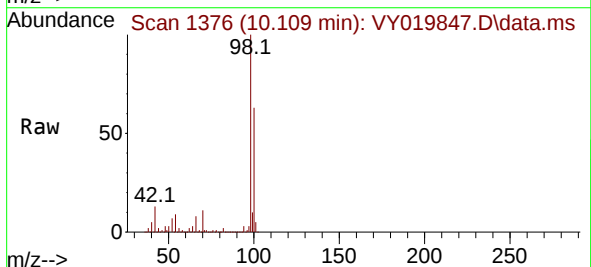
Acq: 10 Oct 2024 10:59

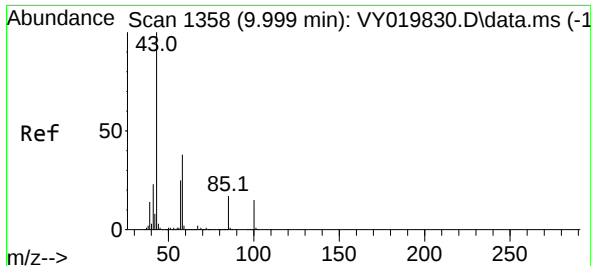
Tgt Ion: 98 Resp: 828344

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7

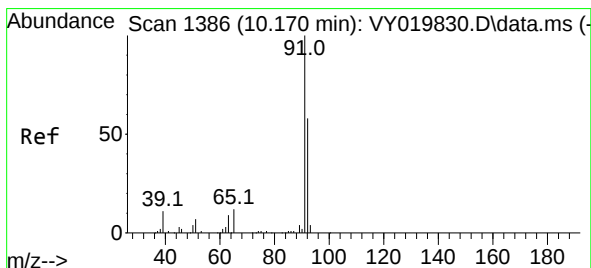
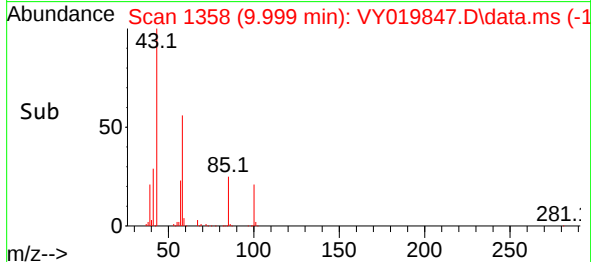
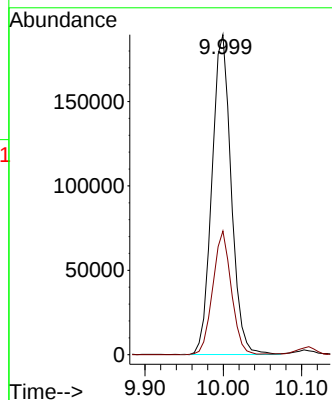
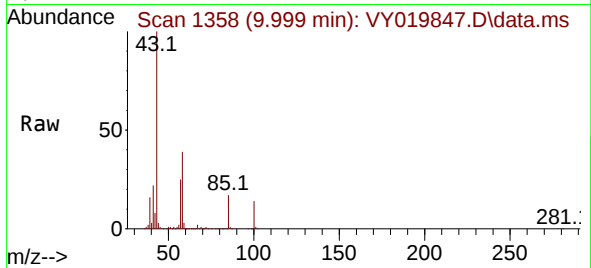




#51
4-Methyl-2-Pentanone
Concen: 99.787 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

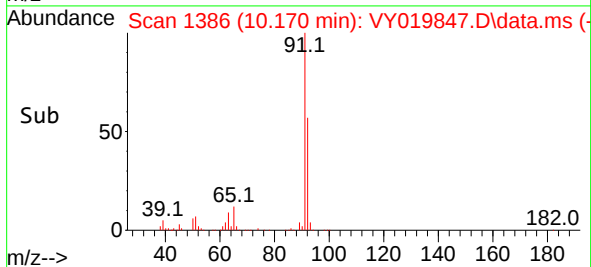
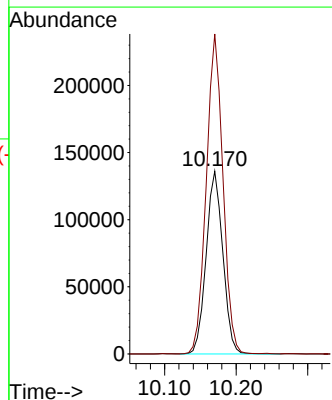
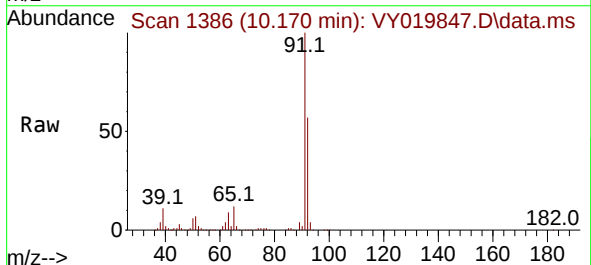
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

Tgt Ion: 43 Resp: 323564
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6



#52
Toluene
Concen: 19.567 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 92 Resp: 220974
Ion Ratio Lower Upper
92 100
91 174.7 139.2 208.8

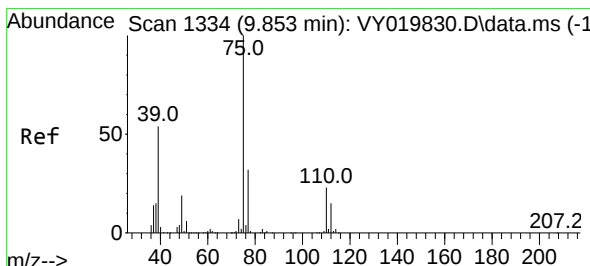
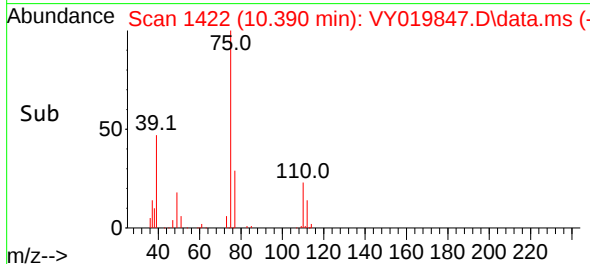
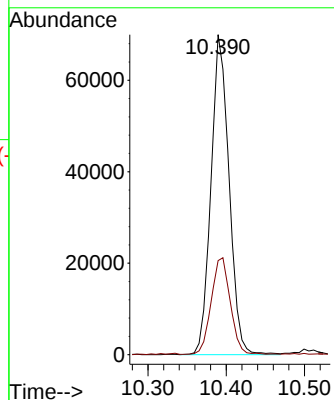
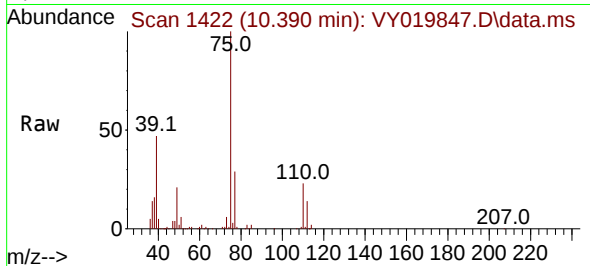




#53
 t-1,3-Dichloropropene
 Concen: 18.960 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY019847.D
 Acq: 10 Oct 2024 10:59

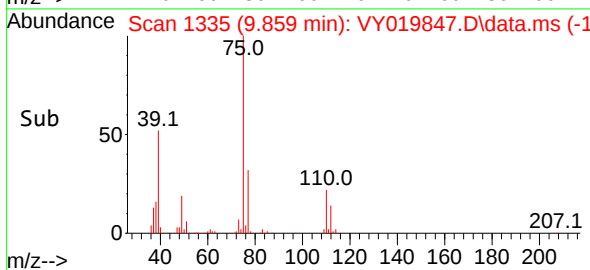
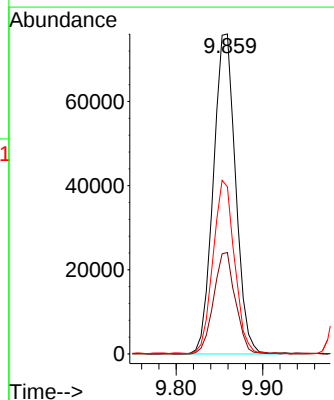
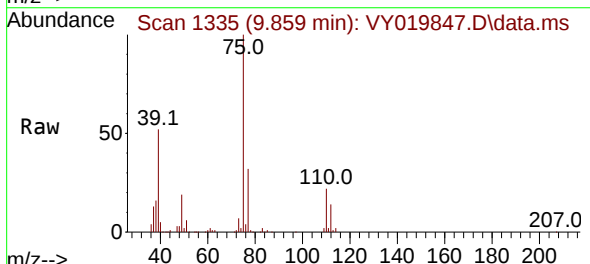
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBSD01

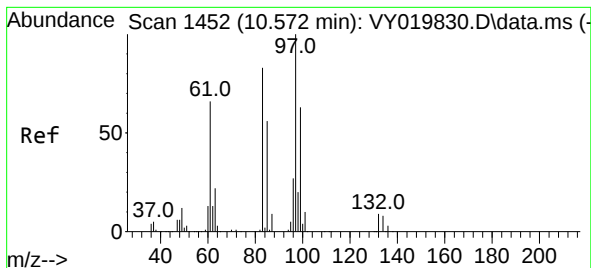
Tgt Ion: 75 Resp: 112030
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.461 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY019847.D
 Acq: 10 Oct 2024 10:59

Tgt Ion: 75 Resp: 135685
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 52.1 43.1 64.7

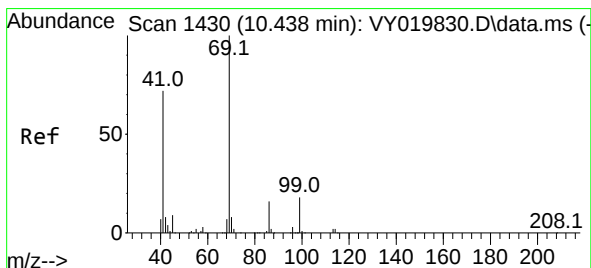
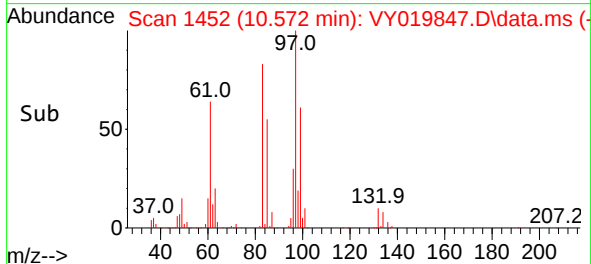
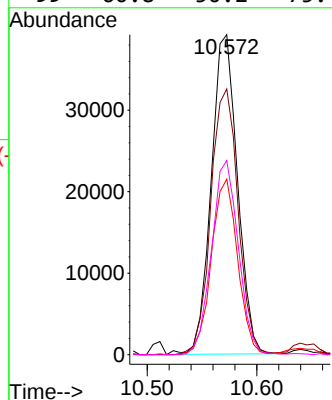
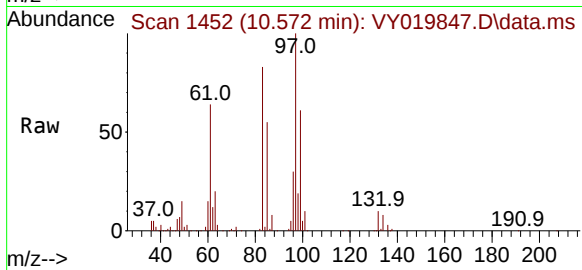




#55
 1,1,2-Trichloroethane
 Concen: 19.959 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY019847.D
 Acq: 10 Oct 2024 10:59

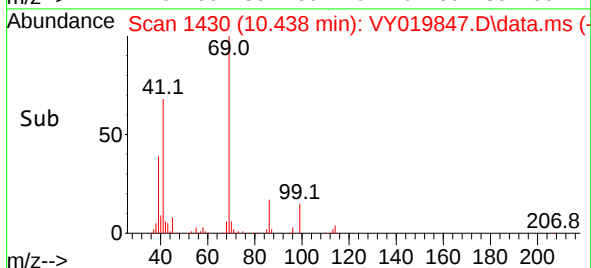
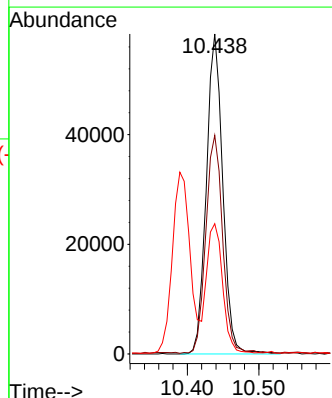
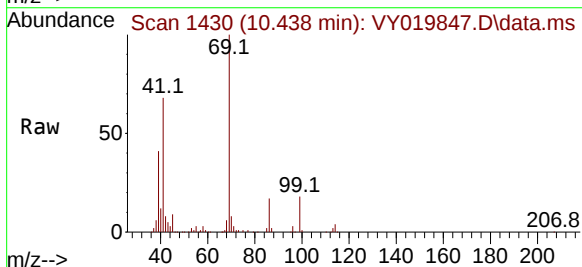
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBSD01

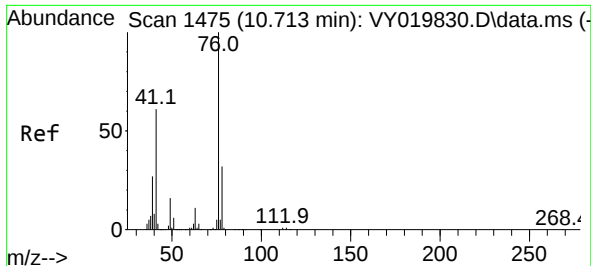
Tgt Ion:	97	Resp:	65057
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.7	100.1
85	54.8	45.0	67.4
99	60.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 19.913 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY019847.D
 Acq: 10 Oct 2024 10:59

Tgt Ion:	69	Resp:	93136
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.2	82.8
39	38.3	33.0	49.4





#57

1,3-Dichloropropane

Concen: 19.811 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

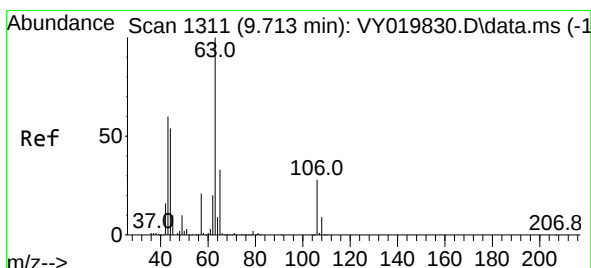
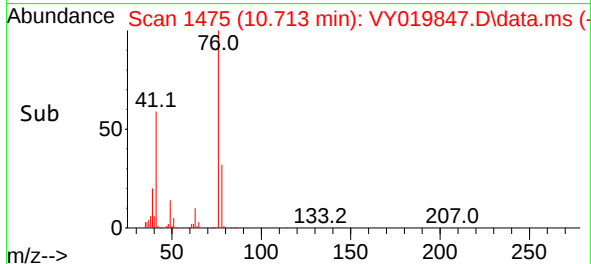
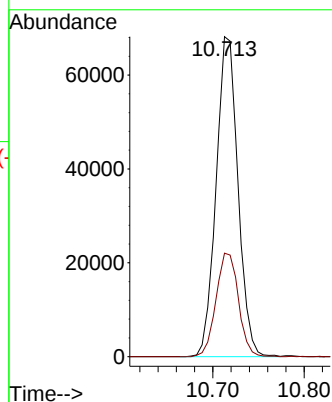
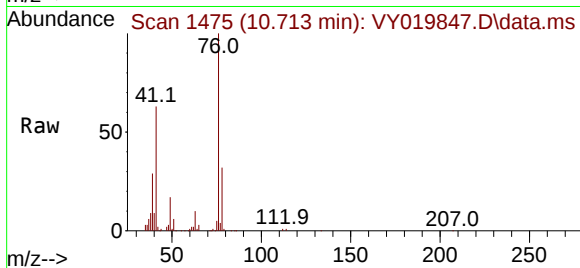
VY1010SBSD01

Tgt Ion: 76 Resp: 113407

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.607 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019847.D

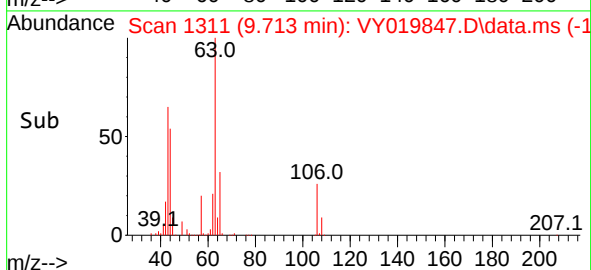
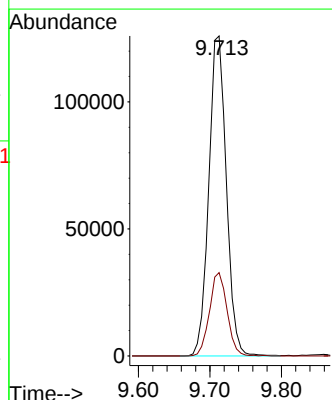
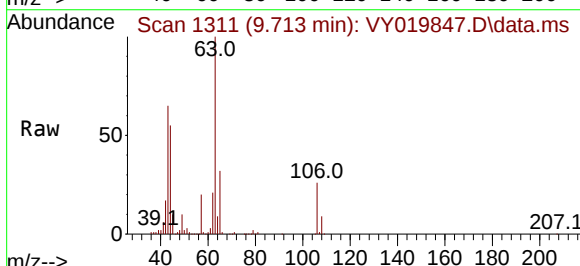
Acq: 10 Oct 2024 10:59

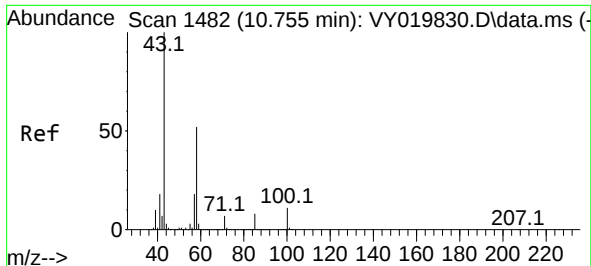
Tgt Ion: 63 Resp: 214705

Ion Ratio Lower Upper

63 100

106 26.1 21.7 32.5





#59

2-Hexanone

Concen: 102.961 ug/l

RT: 10.761 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

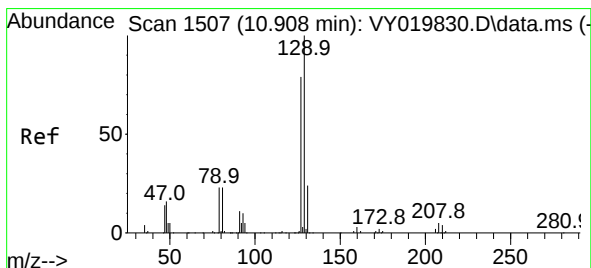
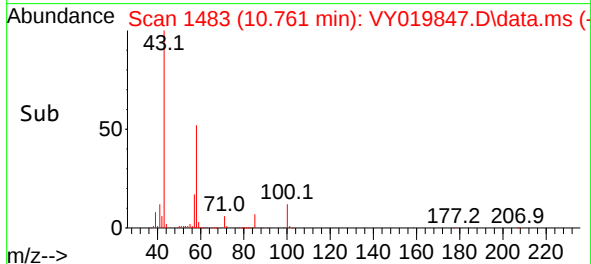
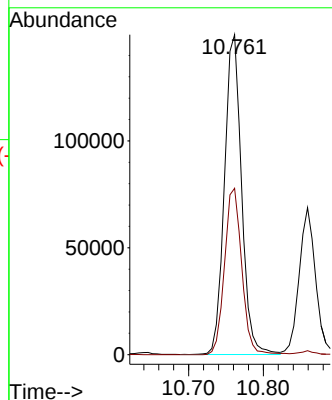
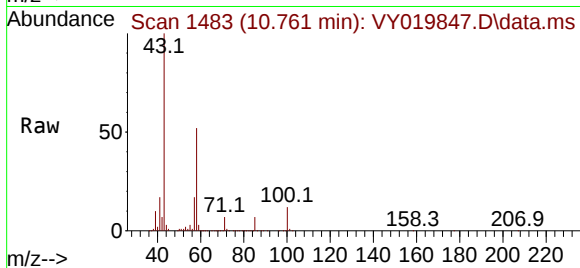
VY1010SBS01

Tgt Ion: 43 Resp: 238451

Ion Ratio Lower Upper

43 100

58 52.5 26.4 79.2



#60

Dibromochloromethane

Concen: 19.236 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VY019847.D

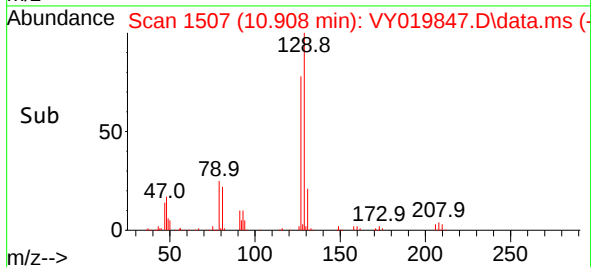
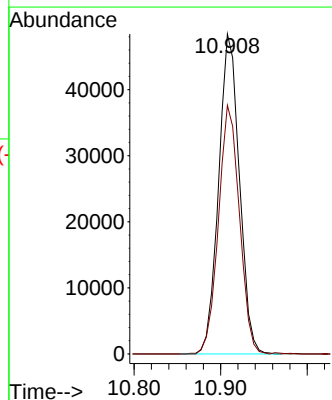
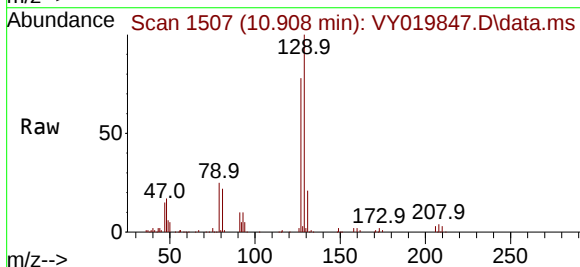
Acq: 10 Oct 2024 10:59

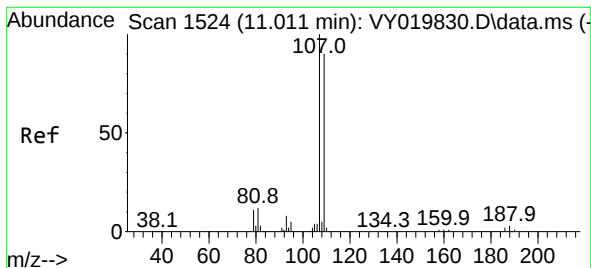
Tgt Ion: 129 Resp: 80479

Ion Ratio Lower Upper

129 100

127 78.4 39.5 118.5

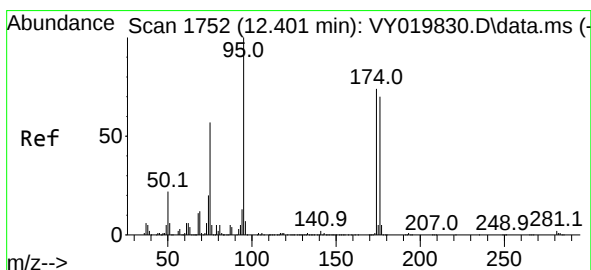
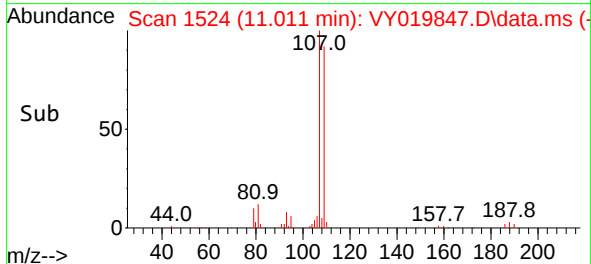
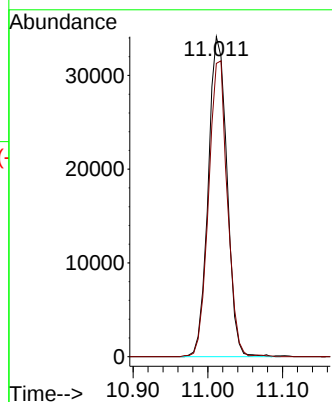
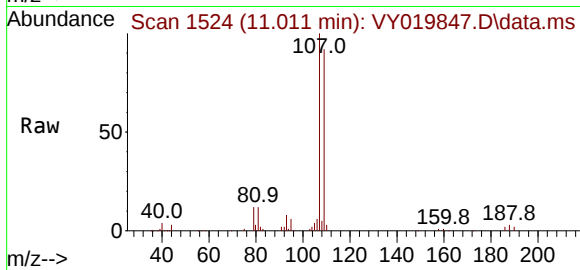




#61
1,2-Dibromoethane
Concen: 20.217 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

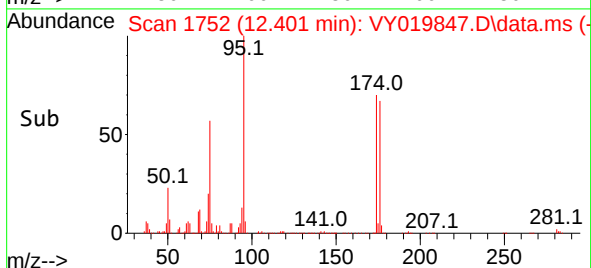
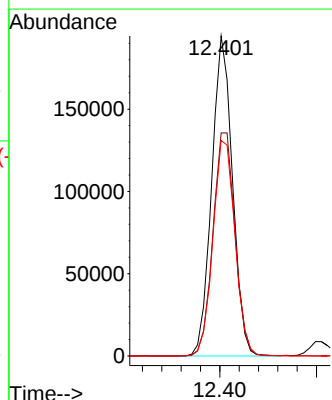
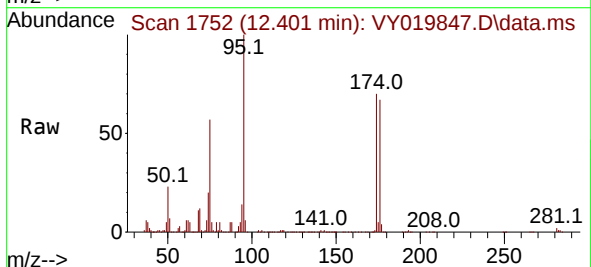
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

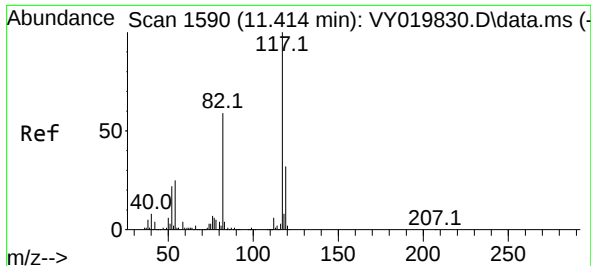
Tgt Ion:107 Resp: 59551
Ion Ratio Lower Upper
107 100
109 92.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 52.358 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 95 Resp: 289896
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 71.3 0.0 142.4

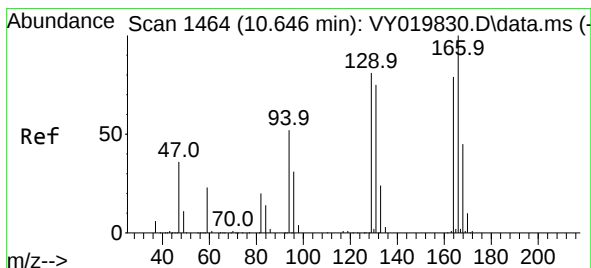
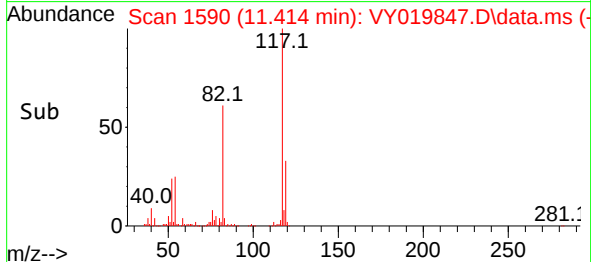
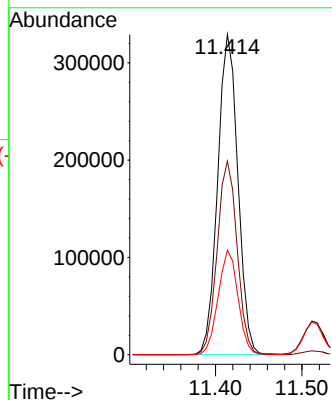
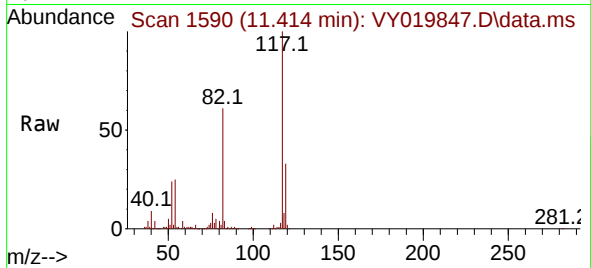




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

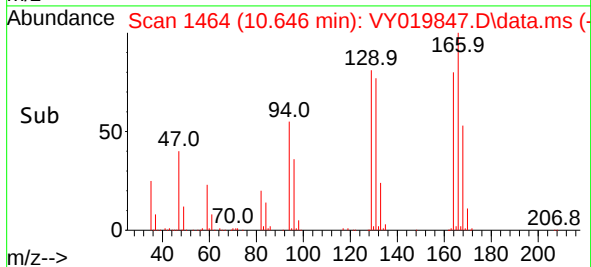
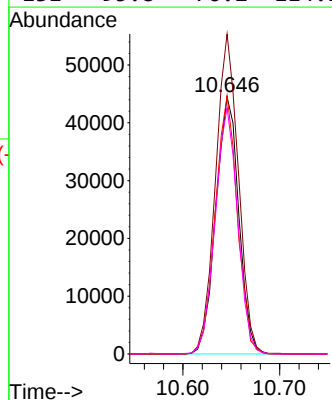
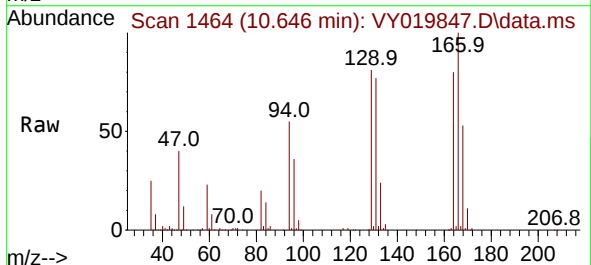
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBS01

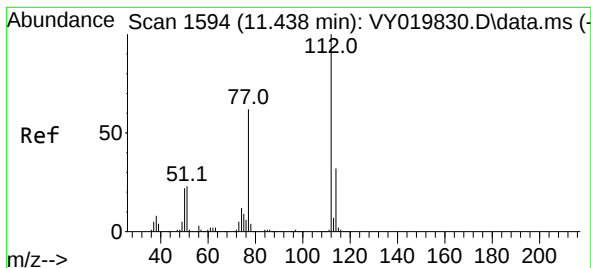
Tgt Ion:117 Resp: 533803
Ion Ratio Lower Upper
117 100
82 60.5 46.9 70.3
119 32.7 25.4 38.2



#64
Tetrachloroethene
Concen: 19.322 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion:164 Resp: 73364
Ion Ratio Lower Upper
164 100
166 124.5 101.0 151.6
129 100.4 81.4 122.2
131 95.8 76.2 114.2





#65

Chlorobenzene

Concen: 20.020 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

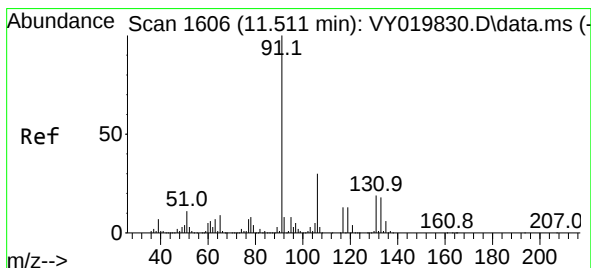
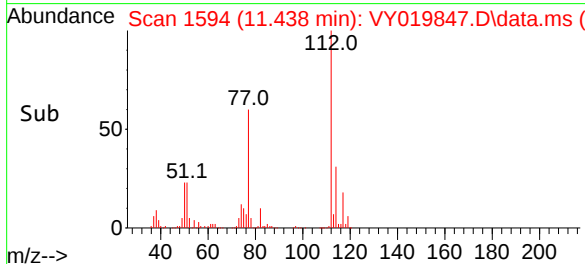
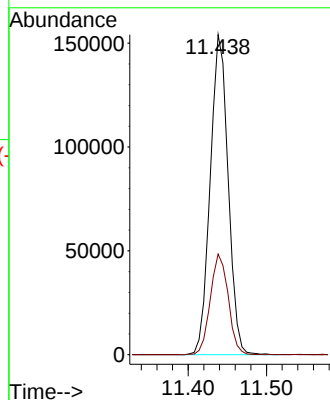
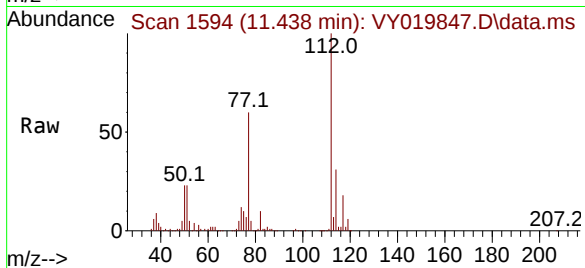
VY1010SBSD01

Tgt Ion:112 Resp: 244426

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.043 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

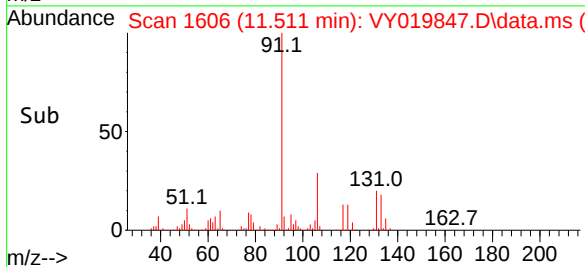
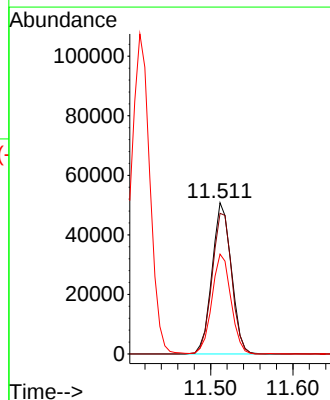
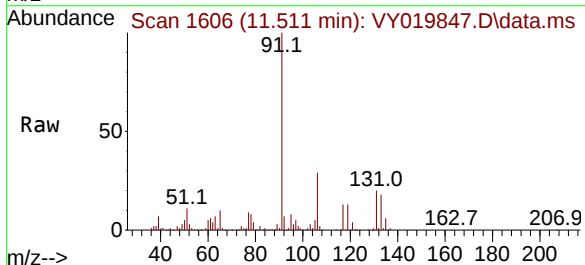
Tgt Ion:131 Resp: 82795

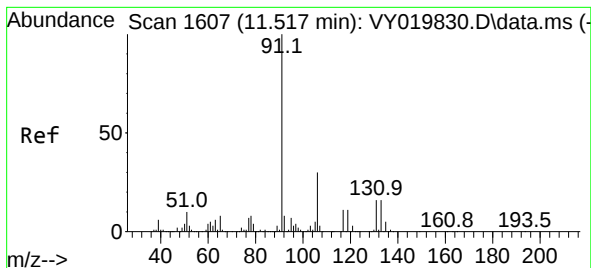
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.0

119 65.2 33.4 100.1





#67

Ethyl Benzene

Concen: 20.050 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

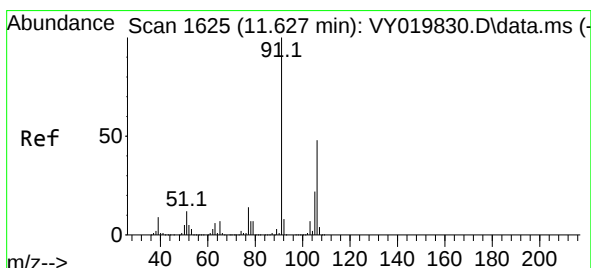
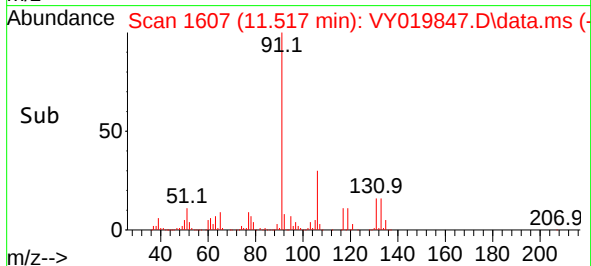
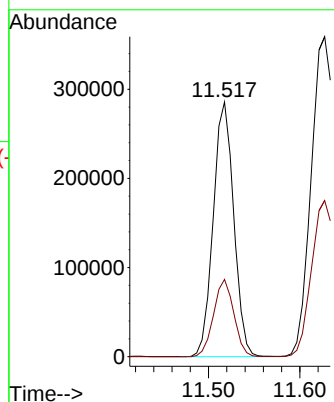
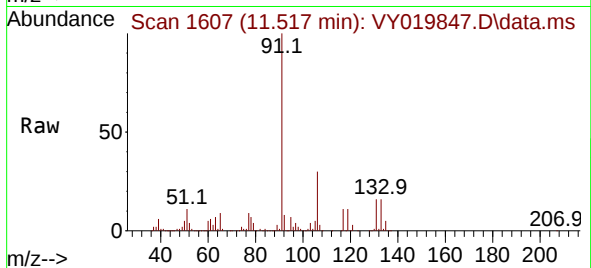
VY1010SBSD01

Tgt Ion: 91 Resp: 444677

Ion Ratio Lower Upper

91 100

106 30.3 23.7 35.5



#68

m/p-Xylenes

Concen: 39.416 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY019847.D

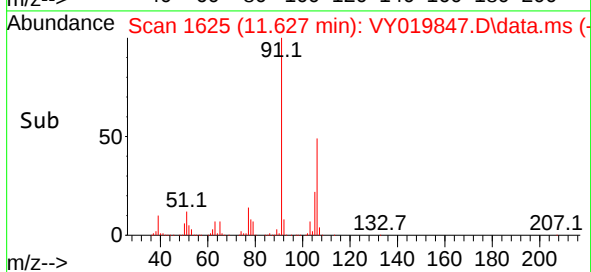
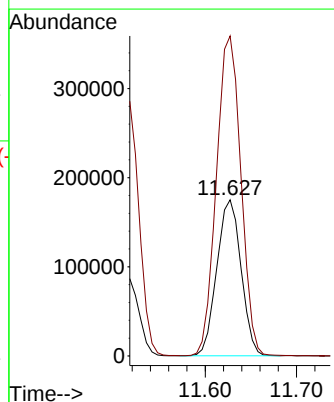
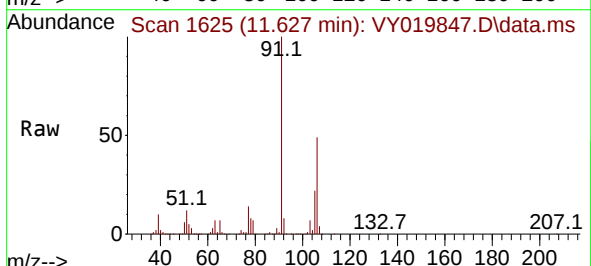
Acq: 10 Oct 2024 10:59

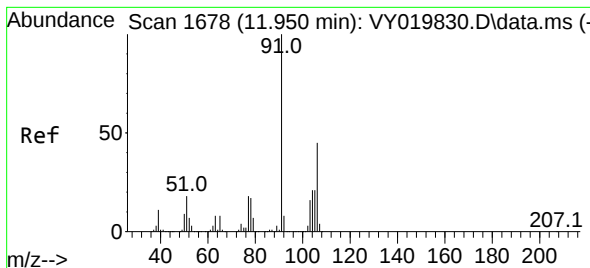
Tgt Ion:106 Resp: 322860

Ion Ratio Lower Upper

106 100

91 207.5 165.7 248.5





#69

o-Xylene

Concen: 19.955 ug/l

RT: 11.950 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

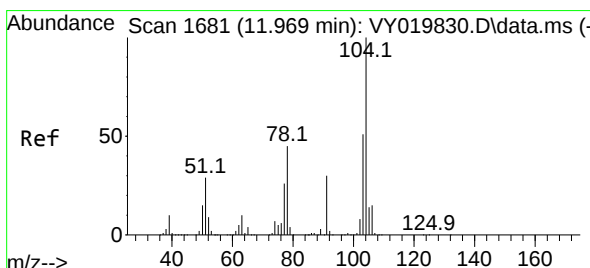
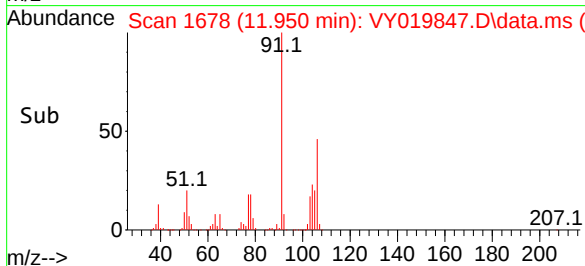
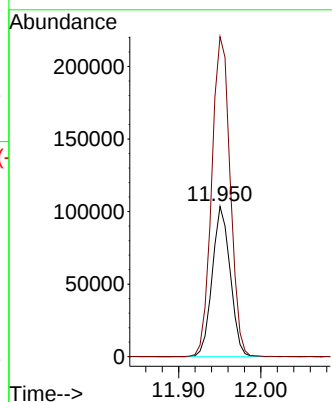
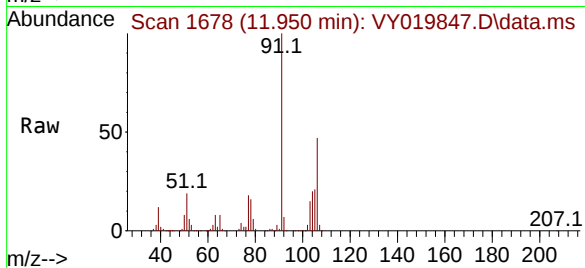
VY1010SBSD01

Tgt Ion:106 Resp: 157047

Ion Ratio Lower Upper

106 100

91 219.9 109.5 328.4



#70

Styrene

Concen: 19.863 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

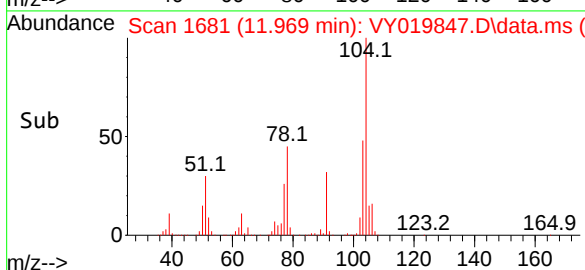
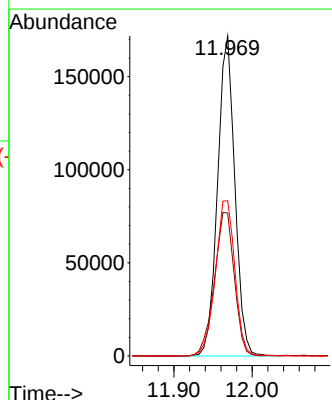
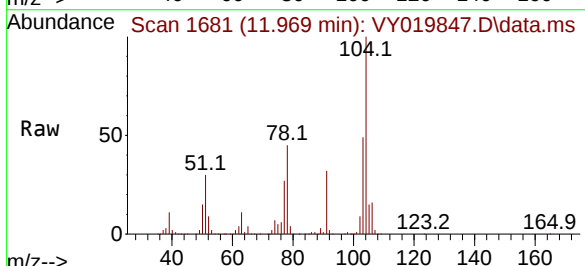
Tgt Ion:104 Resp: 263746

Ion Ratio Lower Upper

104 100

78 51.8 41.9 62.9

103 55.0 43.7 65.5





#71

Bromoform

Concen: 19.626 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

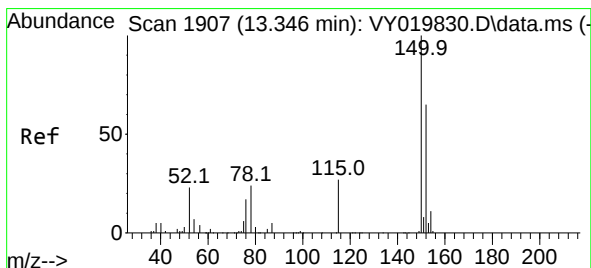
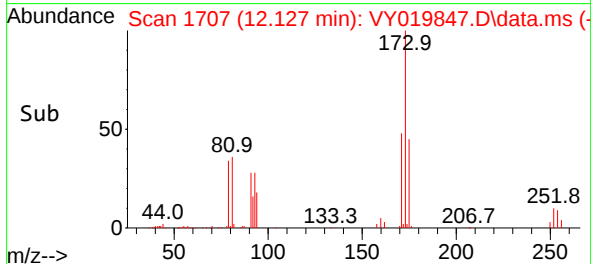
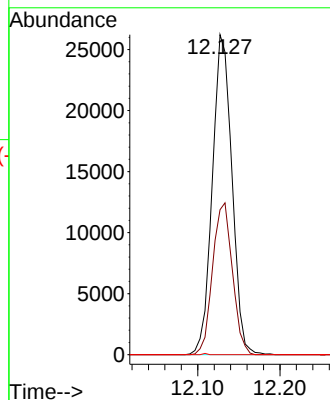
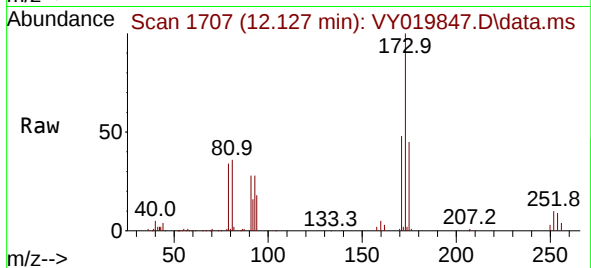
Tgt Ion:173 Resp: 43401

Ion Ratio Lower Upper

173 100

175 47.8 23.6 71.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

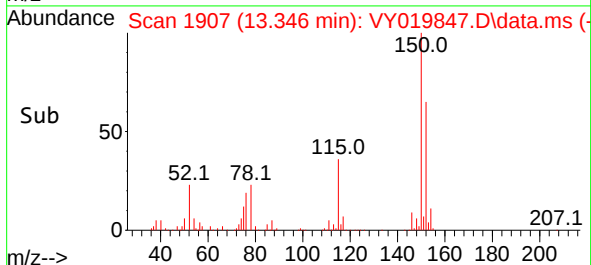
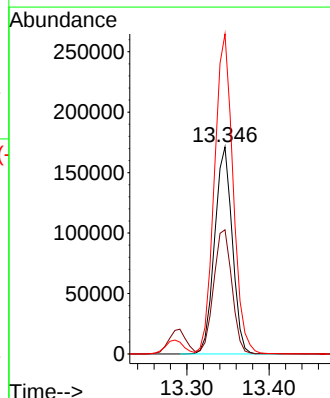
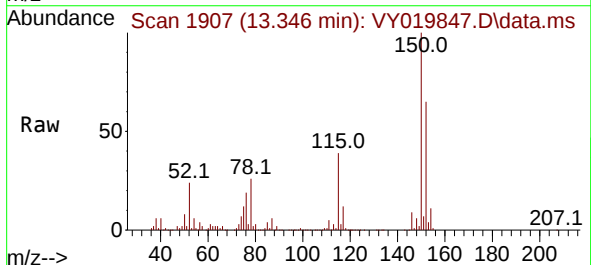
Tgt Ion:152 Resp: 255144

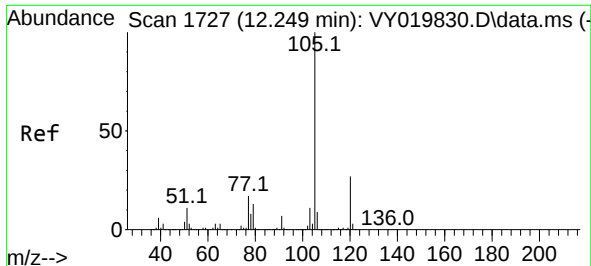
Ion Ratio Lower Upper

152 100

115 61.9 30.8 92.3

150 163.2 0.0 352.8

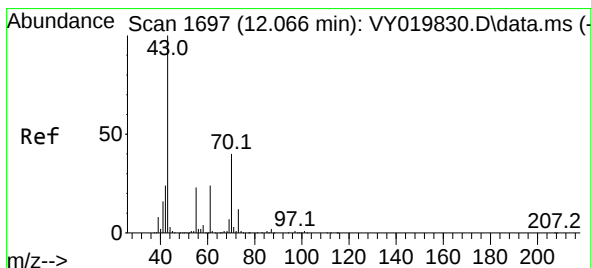
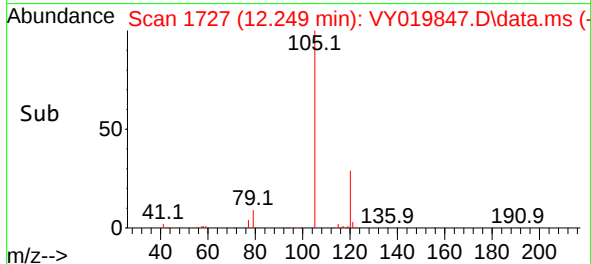
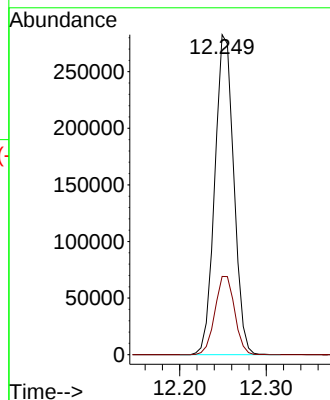
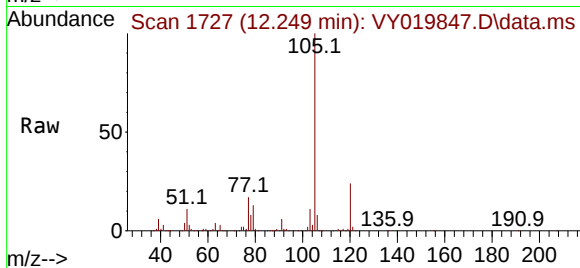




#73
Isopropylbenzene
Concen: 20.058 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

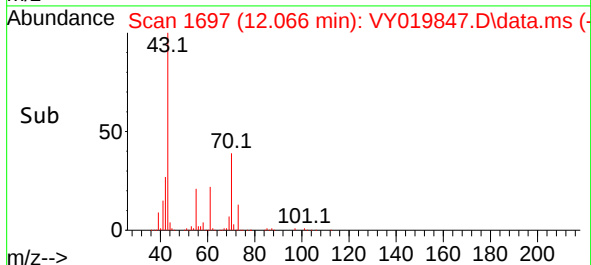
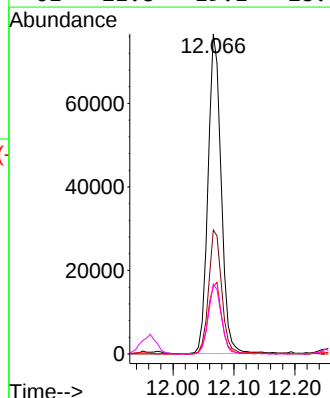
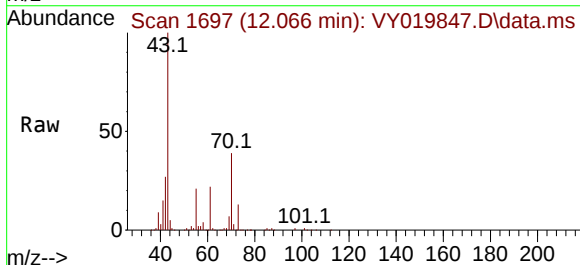
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

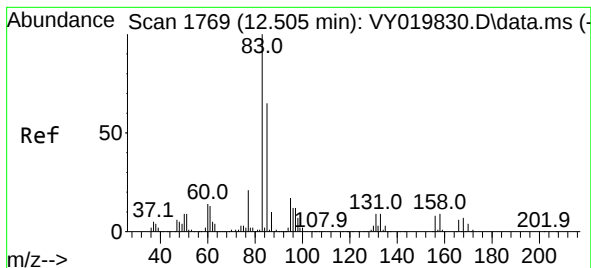
Tgt Ion:105 Resp: 430453
Ion Ratio Lower Upper
105 100
120 25.4 13.0 38.9



#74
N-ethyl acetate
Concen: 20.264 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 43 Resp: 115180
Ion Ratio Lower Upper
43 100
70 38.3 32.8 49.2
55 23.4 19.3 28.9
61 21.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.237 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

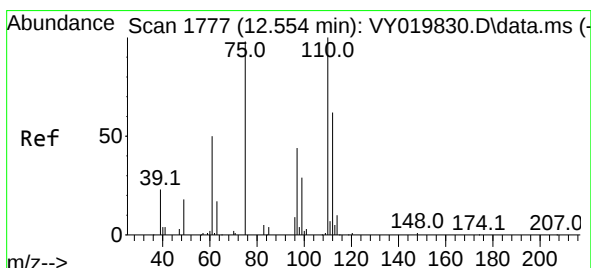
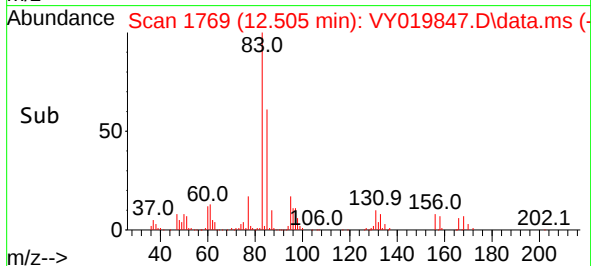
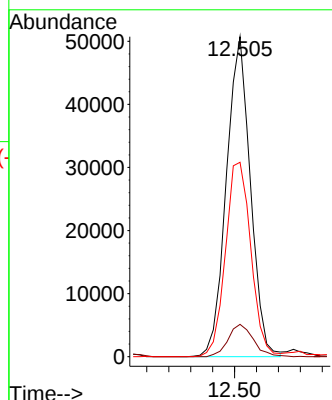
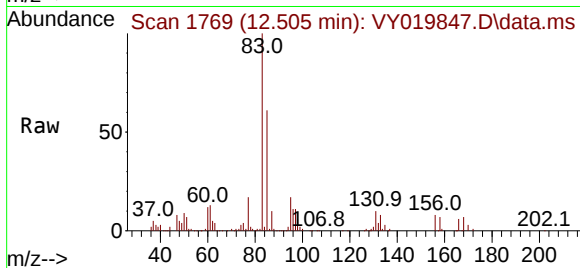
Tgt Ion: 83 Resp: 77172

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.6

85 64.3 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 19.252 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019847.D

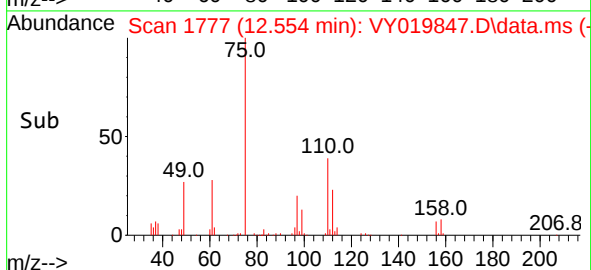
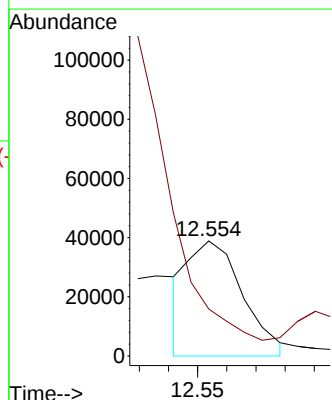
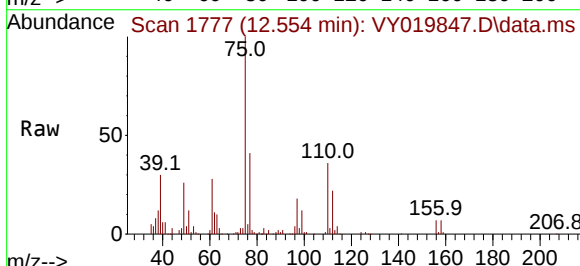
Acq: 10 Oct 2024 10:59

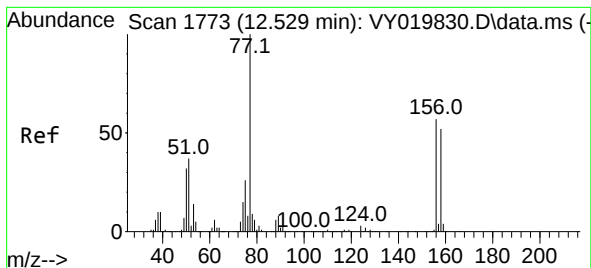
Tgt Ion: 75 Resp: 51148

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.189 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

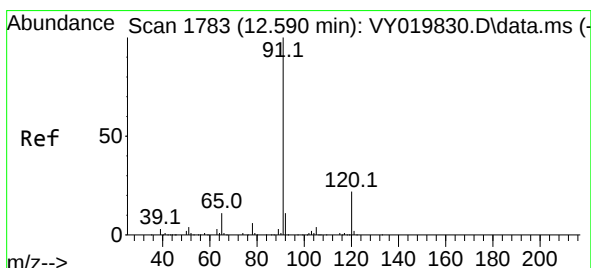
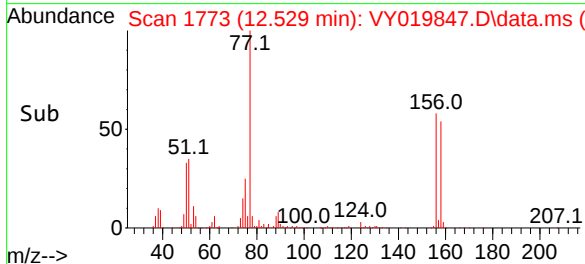
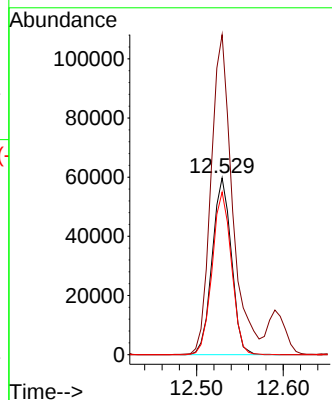
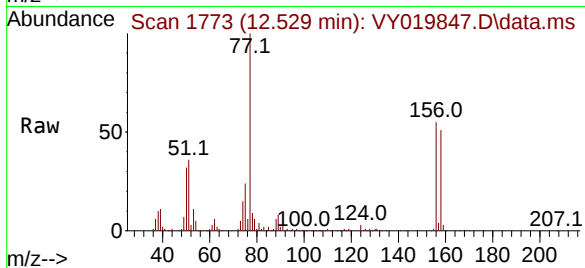
Tgt Ion:156 Resp: 91945

Ion Ratio Lower Upper

156 100

77 201.0 101.3 303.9

158 92.3 47.9 143.6



#78

n-propylbenzene

Concen: 20.156 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY019847.D

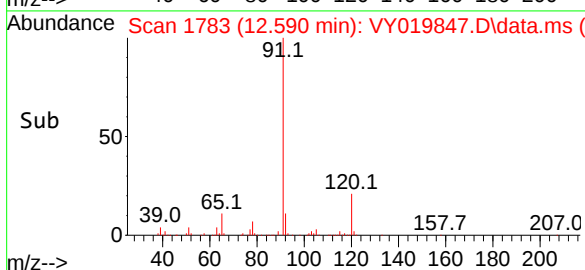
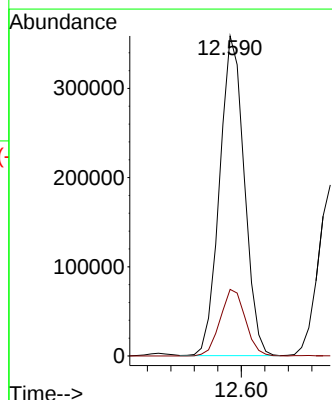
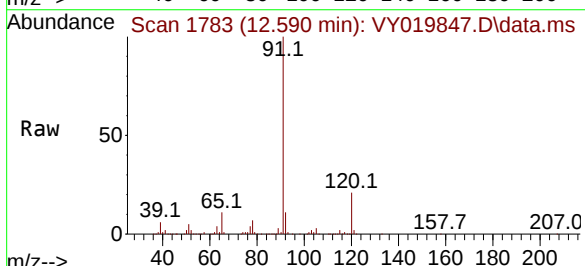
Acq: 10 Oct 2024 10:59

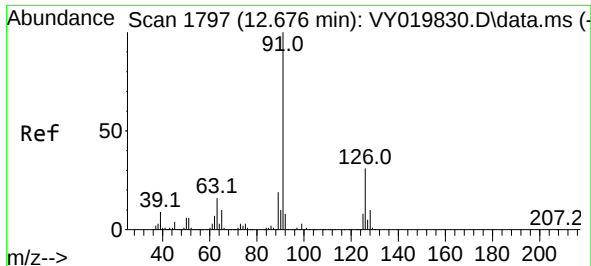
Tgt Ion: 91 Resp: 522679

Ion Ratio Lower Upper

91 100

120 21.2 10.8 32.4

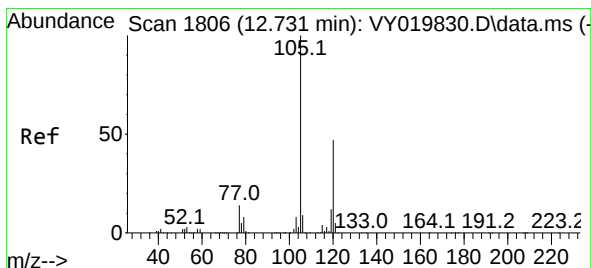
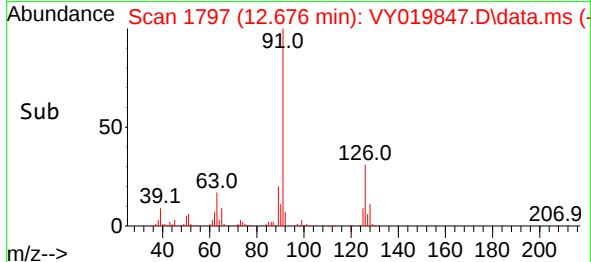
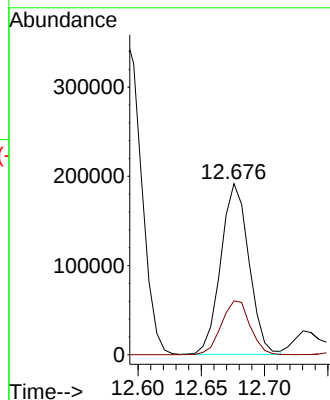
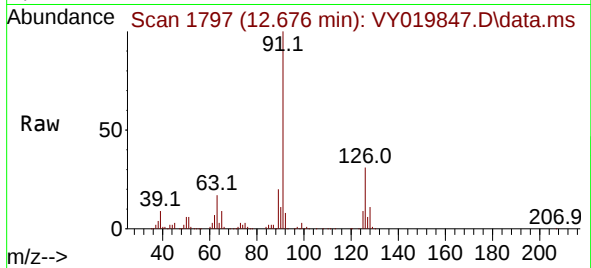




#79
2-Chlorotoluene
Concen: 19.931 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

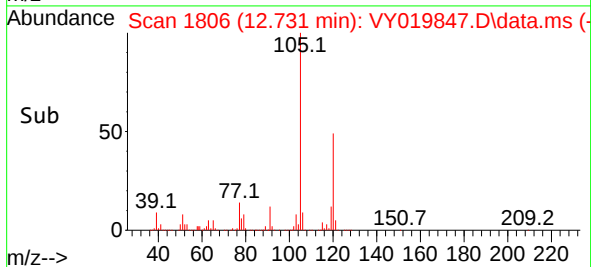
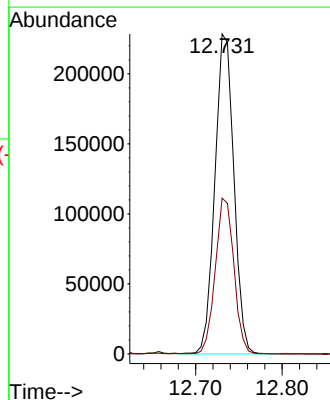
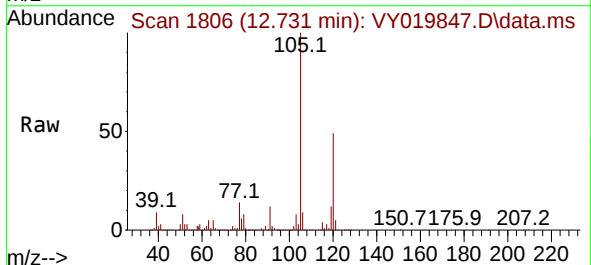
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

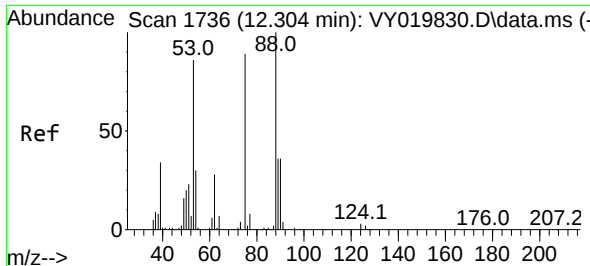
Tgt Ion: 91 Resp: 296302
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.060 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 105 Resp: 347672
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.5

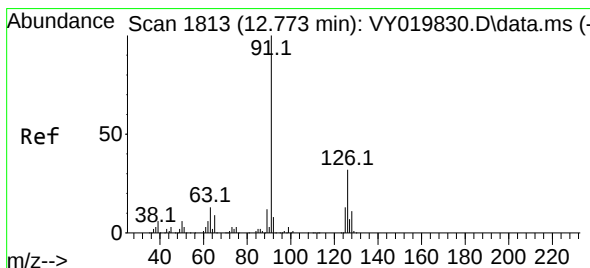
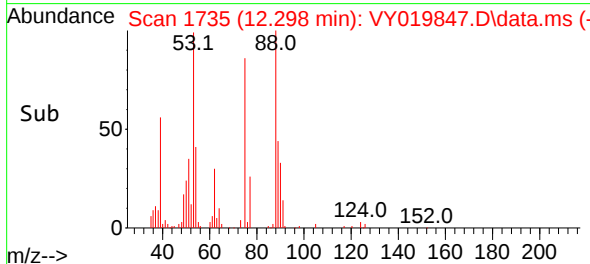
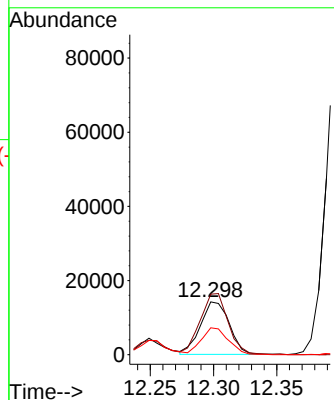
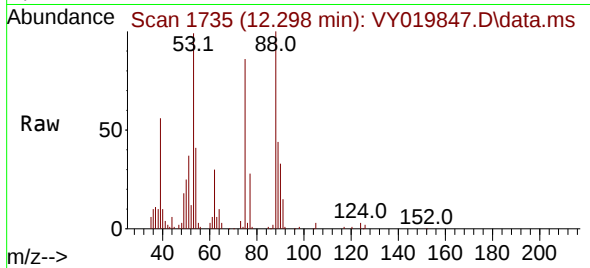




#81
trans-1,4-Dichloro-2-butene
Concen: 18.155 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

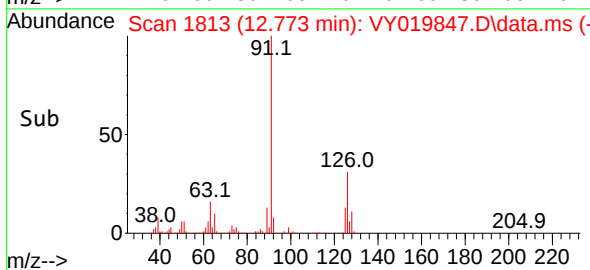
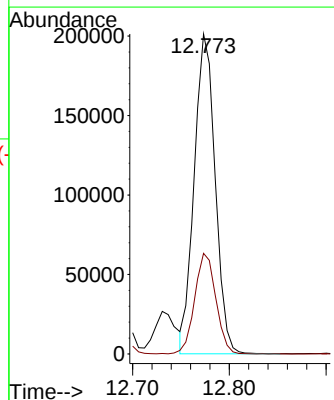
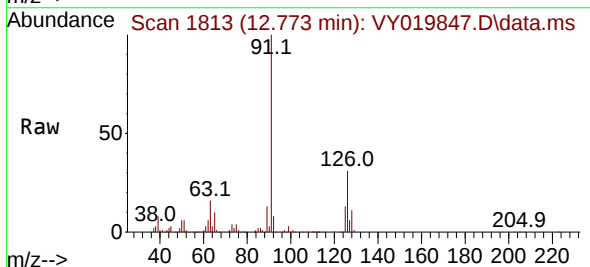
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

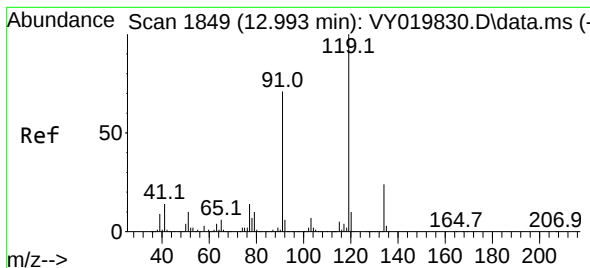
Tgt Ion: 75 Resp: 22481
Ion Ratio Lower Upper
75 100
53 113.8 84.7 127.1
89 47.7 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.931 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion: 91 Resp: 302974
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3





#83

tert-Butylbenzene

Concen: 19.841 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

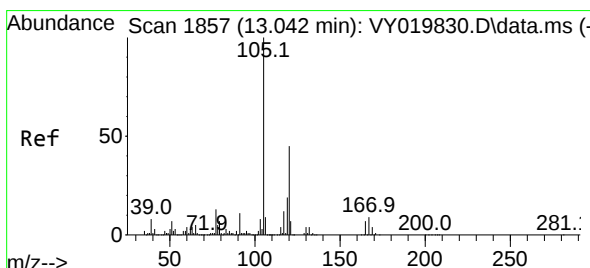
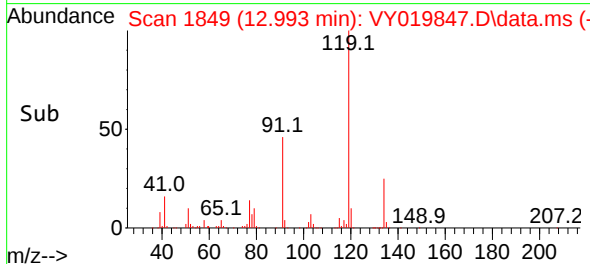
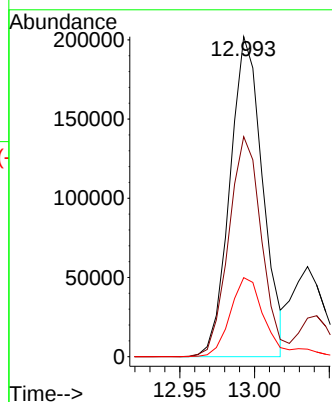
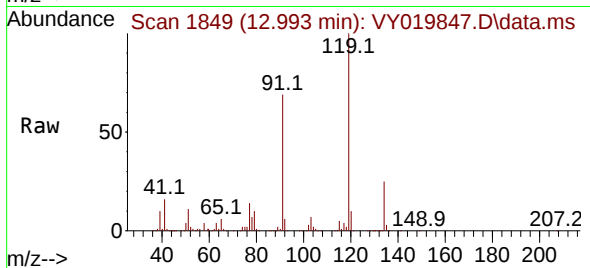
Tgt Ion:119 Resp: 308066

Ion Ratio Lower Upper

119 100

91 69.4 34.6 103.8

134 26.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.005 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019847.D

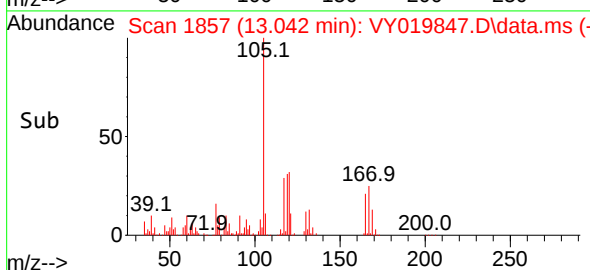
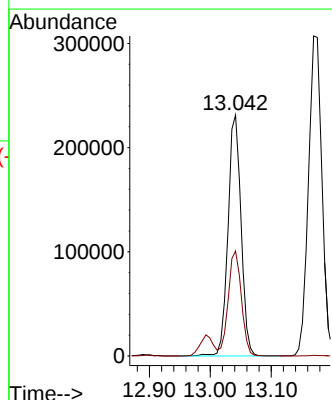
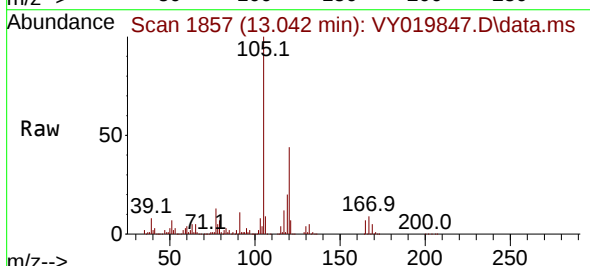
Acq: 10 Oct 2024 10:59

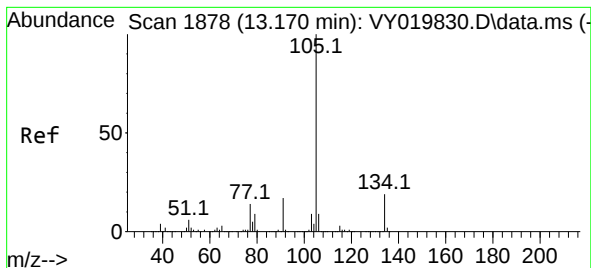
Tgt Ion:105 Resp: 343753

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.322 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

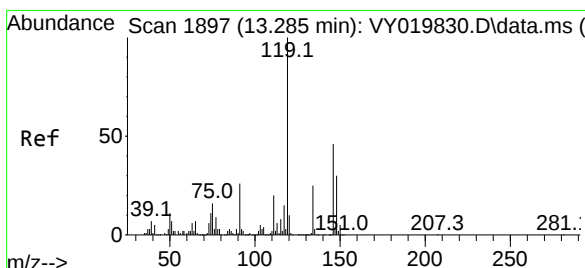
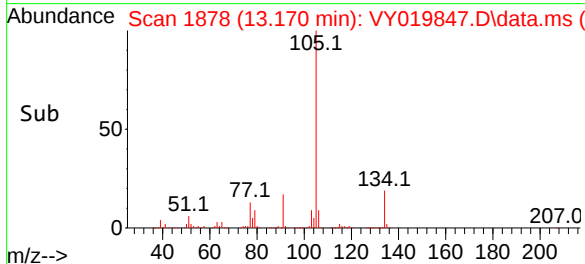
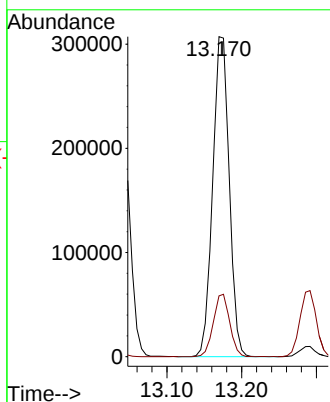
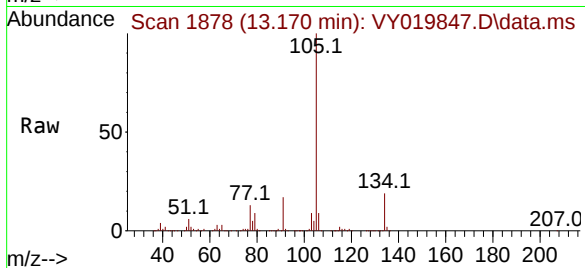
VY1010SBSD01

Tgt Ion:105 Resp: 471420

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.190 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

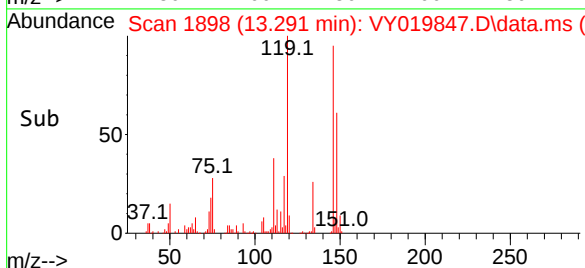
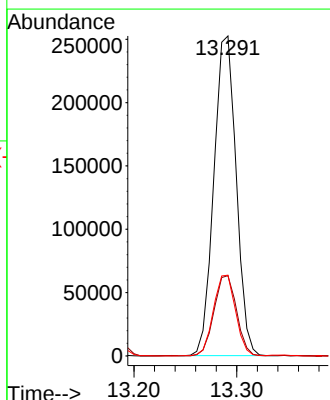
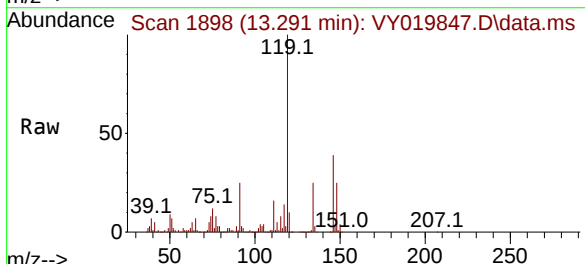
Tgt Ion:119 Resp: 380321

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.3

91 25.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.829 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

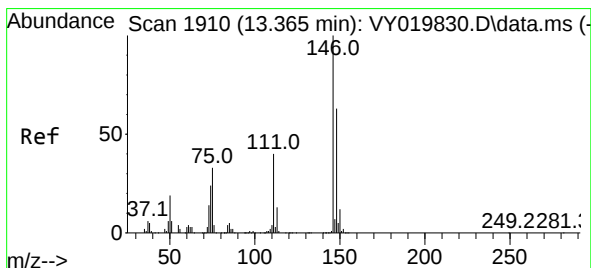
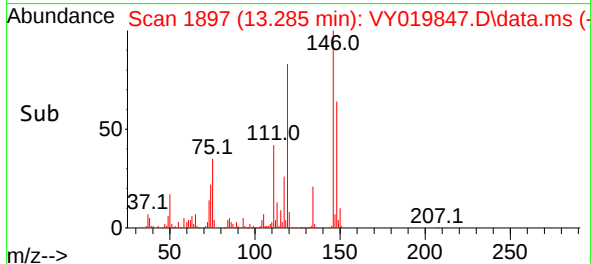
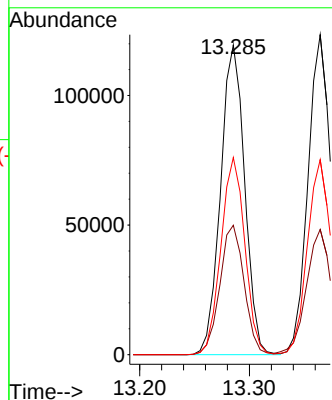
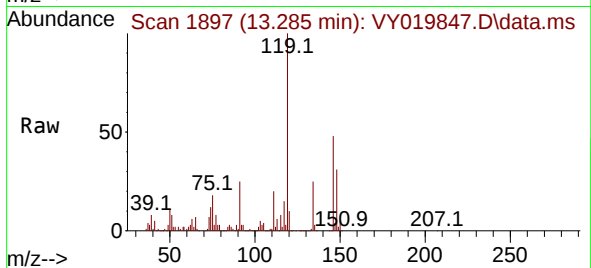
Tgt Ion:146 Resp: 182361

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

148 63.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.205 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

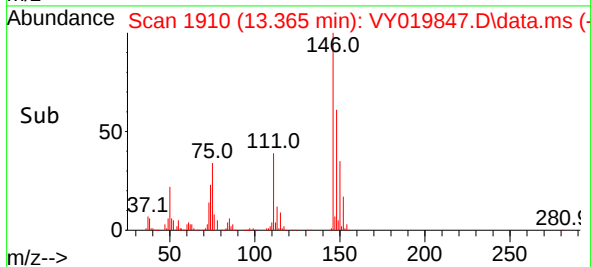
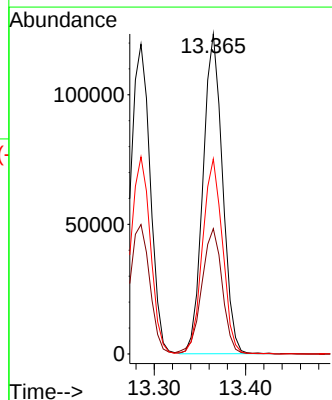
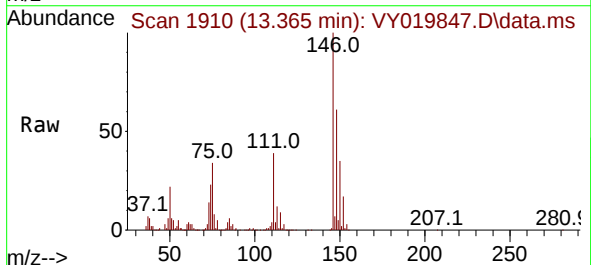
Tgt Ion:146 Resp: 182551

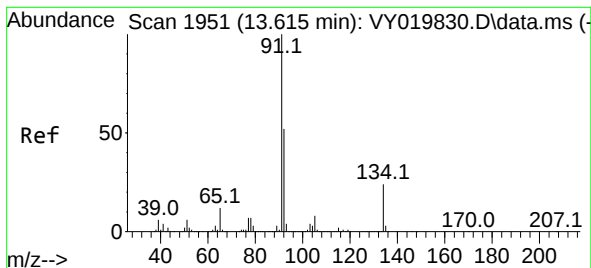
Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

148 62.5 32.0 96.0





#89

n-Butylbenzene

Concen: 20.442 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

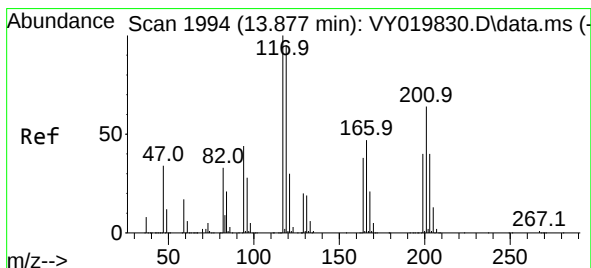
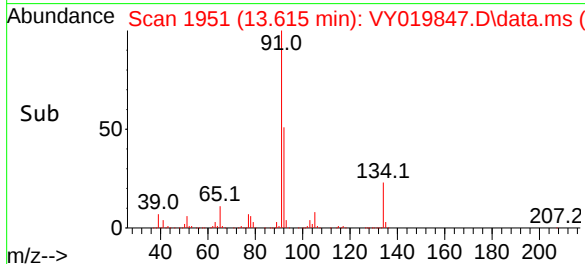
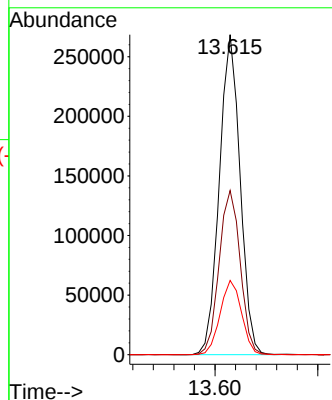
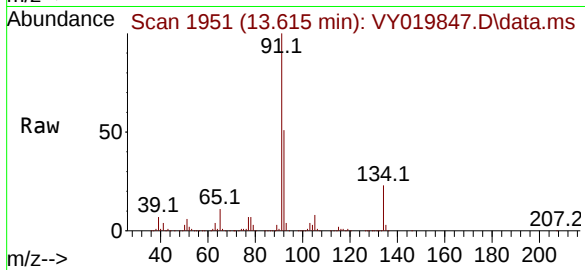
Tgt Ion: 91 Resp: 376004

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.4

134 23.9 12.0 36.1



#90

Hexachloroethane

Concen: 19.689 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019847.D

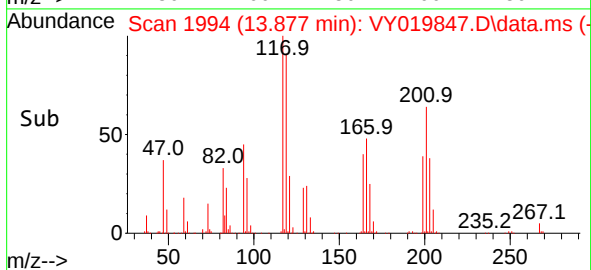
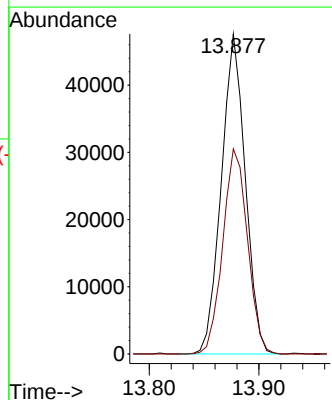
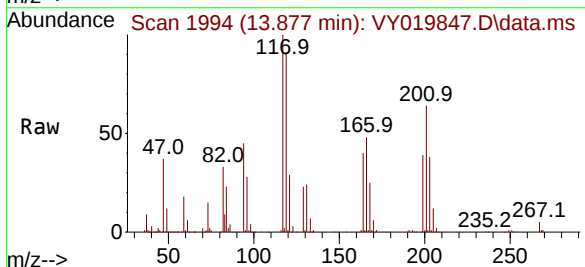
Acq: 10 Oct 2024 10:59

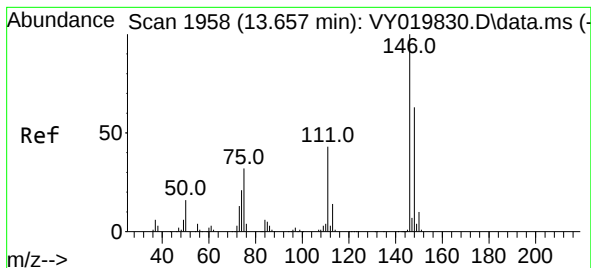
Tgt Ion: 117 Resp: 72220

Ion Ratio Lower Upper

117 100

201 66.2 33.1 99.5





#91

1,2-Dichlorobenzene

Concen: 20.042 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBSD01

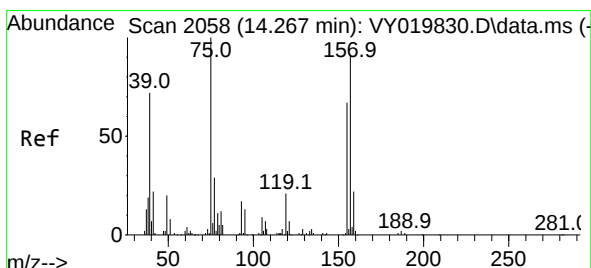
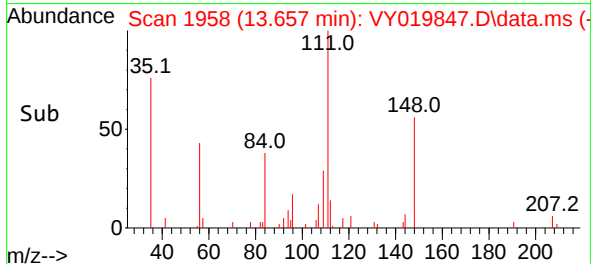
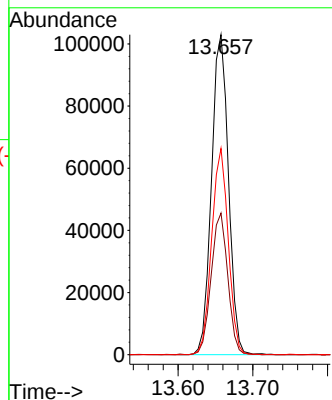
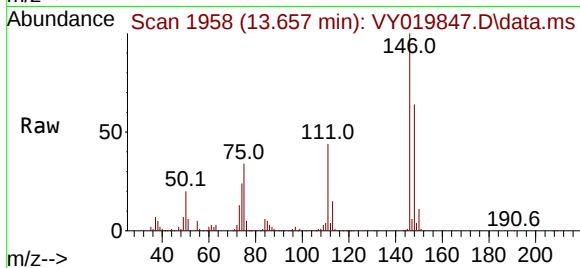
Tgt Ion:146 Resp: 161958

Ion Ratio Lower Upper

146 100

111 43.6 21.8 65.3

148 63.1 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.665 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

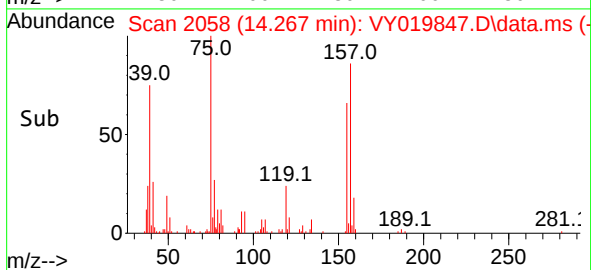
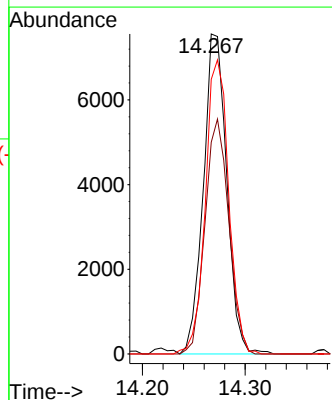
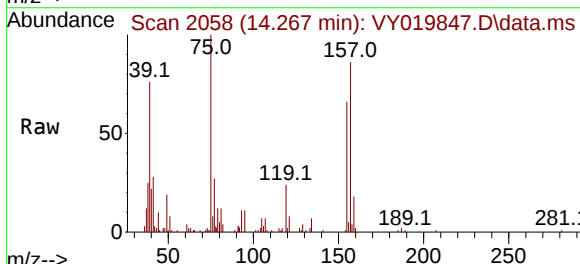
Tgt Ion: 75 Resp: 11968

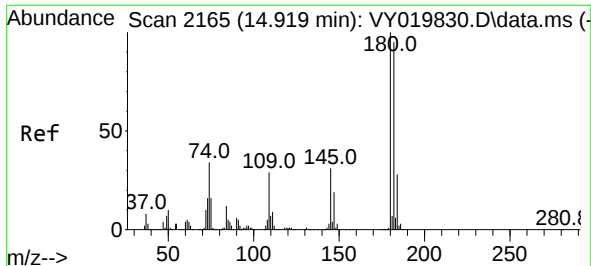
Ion Ratio Lower Upper

75 100

155 74.6 38.5 115.5

157 91.6 49.9 149.7

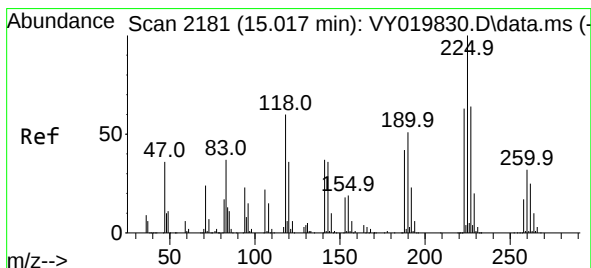
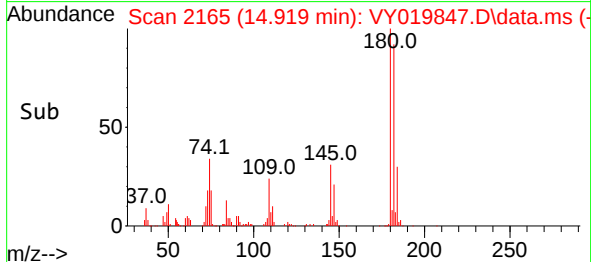
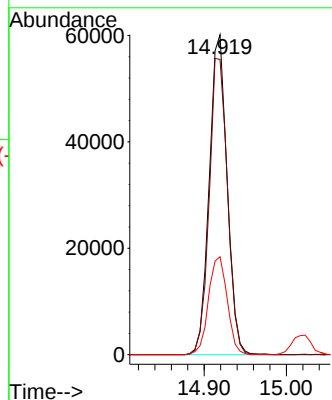
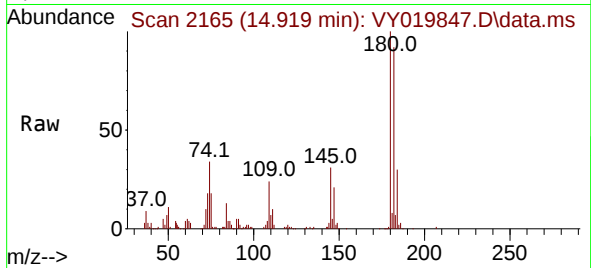




#93
1,2,4-Trichlorobenzene
Concen: 20.035 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

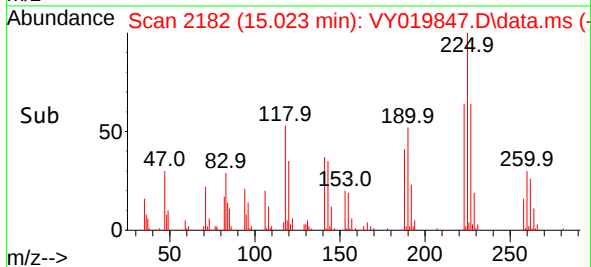
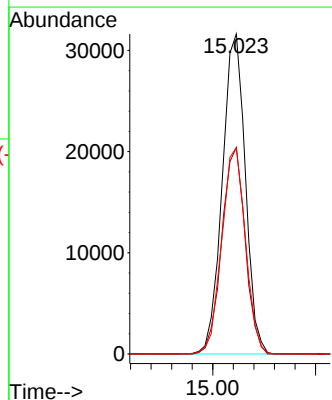
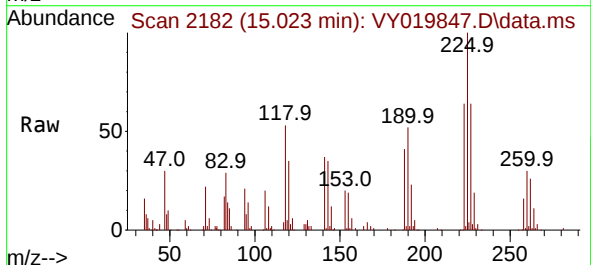
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

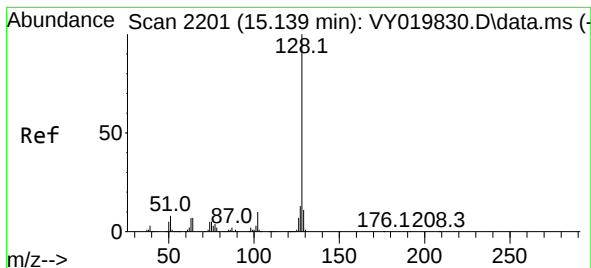
Tgt Ion:180 Resp: 90781
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 32.0 16.1 48.2



#94
Hexachlorobutadiene
Concen: 19.496 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY019847.D
Acq: 10 Oct 2024 10:59

Tgt Ion:225 Resp: 49113
Ion Ratio Lower Upper
225 100
223 65.5 31.6 94.8
227 66.2 32.3 96.8





#95

Naphthalene

Concen: 19.473 ug/l

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBS01

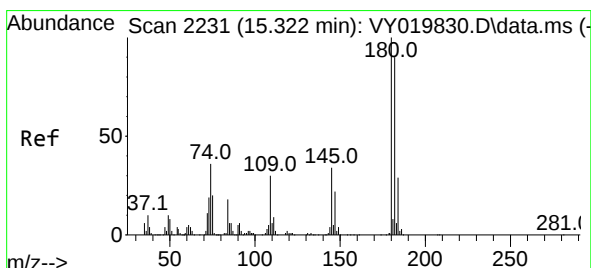
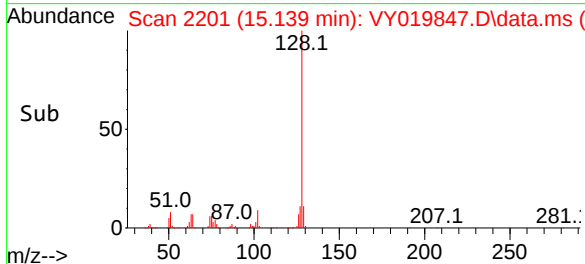
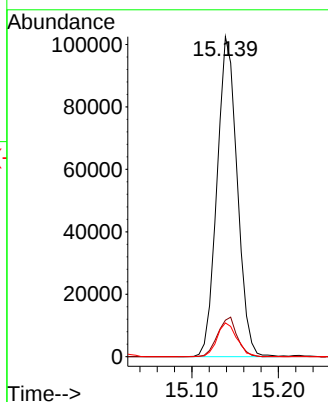
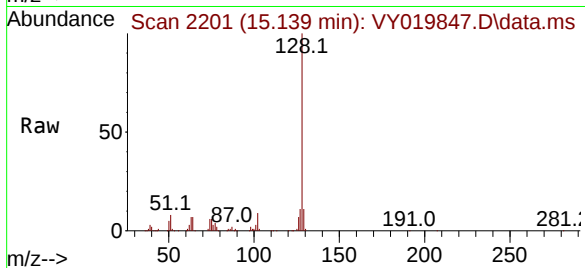
Tgt Ion:128 Resp: 166422

Ion Ratio Lower Upper

128 100

127 12.0 10.4 15.6

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.737 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY019847.D

Acq: 10 Oct 2024 10:59

Tgt Ion:180 Resp: 75601

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.4

145 33.1 16.9 50.6

