

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019047.D
 Acq On : 14 Aug 2024 10:23
 Operator : SY/MD
 Sample : VY0814SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 21:42:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	48898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	75171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	65945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	34579	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.055	65	21407	49.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.622	113	23254	48.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.103	98	87170	47.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.408	95	25132	45.936	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	6830	20.321	ug/l	86
3) Chloromethane	2.068	50	18174	20.899	ug/l	97
4) Vinyl Chloride	2.202	62	23906	21.224	ug/l	95
5) Bromomethane	2.580	94	21168	23.555	ug/l	98
6) Chloroethane	2.727	64	16318	21.544	ug/l	97
7) Trichlorofluoromethane	3.044	101	33479	22.302	ug/l	92
8) Diethyl Ether	3.452	74	4116	17.787	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.806	101	9259	19.743	ug/l #	83
10) Methyl Iodide	3.995	142	9185	18.137	ug/l	98
11) Tert butyl alcohol	4.824	59	4980	103.241	ug/l #	97
12) 1,1-Dichloroethene	3.775	96	8743	19.733	ug/l	86
13) Acrolein	3.641	56	3861	83.022	ug/l	97
14) Allyl chloride	4.373	41	10832	18.280	ug/l #	82
15) Acrylonitrile	5.037	53	8580	94.579	ug/l	96
16) Acetone	3.854	43	8694	88.119	ug/l	93
17) Carbon Disulfide	4.098	76	24572	18.656	ug/l	96
18) Methyl Acetate	4.373	43	4910	20.577	ug/l	91
19) Methyl tert-butyl Ether	5.104	73	19754	18.127	ug/l	97
20) Methylene Chloride	4.610	84	12035	20.531	ug/l #	94
21) trans-1,2-Dichloroethene	5.104	96	10081	20.564	ug/l	96
22) Diisopropyl ether	6.013	45	25844	20.006	ug/l #	90
23) Vinyl Acetate	5.945	43	106539	95.564	ug/l	97
24) 1,1-Dichloroethane	5.909	63	15897	20.060	ug/l	99
25) 2-Butanone	6.884	43	13732	98.787	ug/l #	87
26) 2,2-Dichloropropane	6.878	77	13276	17.799	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	11181	19.062	ug/l	99
28) Bromochloromethane	7.232	49	7642	20.946	ug/l	91
29) Tetrahydrofuran	7.250	42	8002	97.627	ug/l	91
30) Chloroform	7.409	83	17733	20.918	ug/l	97
31) Cyclohexane	7.689	56	13463	17.604	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	16356	21.345	ug/l	98
36) 1,1-Dichloropropene	7.823	75	12647	19.624	ug/l	96
37) Ethyl Acetate	6.976	43	5946	20.185	ug/l #	73
38) Carbon Tetrachloride	7.805	117	14755	19.968	ug/l	95
39) Methylcyclohexane	9.103	83	16864	19.440	ug/l	93
40) Benzene	8.067	78	37635	19.641	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4452	33.213	ug/l #	34
42) 1,2-Dichloroethane	8.152	62	9591	20.106	ug/l	100
43) Isopropyl Acetate	8.189	43	11812	19.717	ug/l #	78
44) Trichloroethene	8.853	130	11730	21.476	ug/l	83
45) 1,2-Dichloropropane	9.134	63	8462	19.736	ug/l	91
46) Dibromomethane	9.225	93	5814	20.986	ug/l	97
47) Bromodichloromethane	9.420	83	13291	20.501	ug/l	94
48) Methyl methacrylate	9.213	41	5229	19.980	ug/l #	64
49) 1,4-Dioxane	9.213	88	1284	392.291	ug/l #	76
51) 4-Methyl-2-Pentanone	9.994	43	29526	95.565	ug/l #	86
52) Toluene	10.170	92	24796	19.481	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	10686	18.483	ug/l #	85
54) cis-1,3-Dichloropropene	9.853	75	12043	17.536	ug/l #	79
55) 1,1,2-Trichloroethane	10.567	97	6979	20.513	ug/l	92
56) Ethyl methacrylate	10.439	69	8243	17.894	ug/l #	68
57) 1,3-Dichloropropane	10.713	76	11306	20.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	21890	92.174	ug/l	98
59) 2-Hexanone	10.762	43	20836	94.013	ug/l	80
60) Dibromochloromethane	10.908	129	9867	21.632	ug/l	95
61) 1,2-Dibromoethane	11.012	107	6721	20.459	ug/l	95
64) Tetrachloroethene	10.646	164	11263	20.374	ug/l	95
65) Chlorobenzene	11.438	112	28589	19.745	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	9580	18.916	ug/l	97
67) Ethyl Benzene	11.518	91	47038	18.764	ug/l	96
68) m/p-Xylenes	11.627	106	37803	36.776	ug/l	96
69) o-Xylene	11.957	106	18064	19.041	ug/l	92
70) Styrene	11.969	104	31052	19.872	ug/l	93
71) Bromoform	12.133	173	5604	21.279	ug/l #	97
73) Isopropylbenzene	12.255	105	45106	17.971	ug/l	97
74) N-amyl acetate	12.072	43	9759	16.849	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	7893	19.486	ug/l	94
76) 1,2,3-Trichloropropane	12.560	75	9174	35.612	ug/l #	100
77) Bromobenzene	12.536	156	11469	19.614	ug/l	84
78) n-propylbenzene	12.597	91	54107	18.213	ug/l	97
79) 2-Chlorotoluene	12.682	91	28515	18.540	ug/l	91
80) 1,3,5-Trimethylbenzene	12.737	105	35174	17.882	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	2247	17.974	ug/l	87
82) 4-Chlorotoluene	12.780	91	28577	18.149	ug/l	89
83) tert-Butylbenzene	12.999	119	33320	17.934	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	35286	17.684	ug/l	94
85) sec-Butylbenzene	13.176	105	49636	18.444	ug/l	98
86) p-Isopropyltoluene	13.292	119	40644	17.441	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	23000	19.256	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	22937	19.691	ug/l	97
89) n-Butylbenzene	13.621	91	37007	18.092	ug/l	97
90) Hexachloroethane	13.883	117	8503	19.338	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	19335	19.689	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.279	75	983	17.642	ug/l	91
93) 1,2,4-Trichlorobenzene	14.926	180	10352	19.144	ug/l	95
94) Hexachlorobutadiene	15.023	225	6255	21.092	ug/l	93
95) Naphthalene	15.145	128	15946	16.565	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.334	180	8746	18.844	ug/l	96

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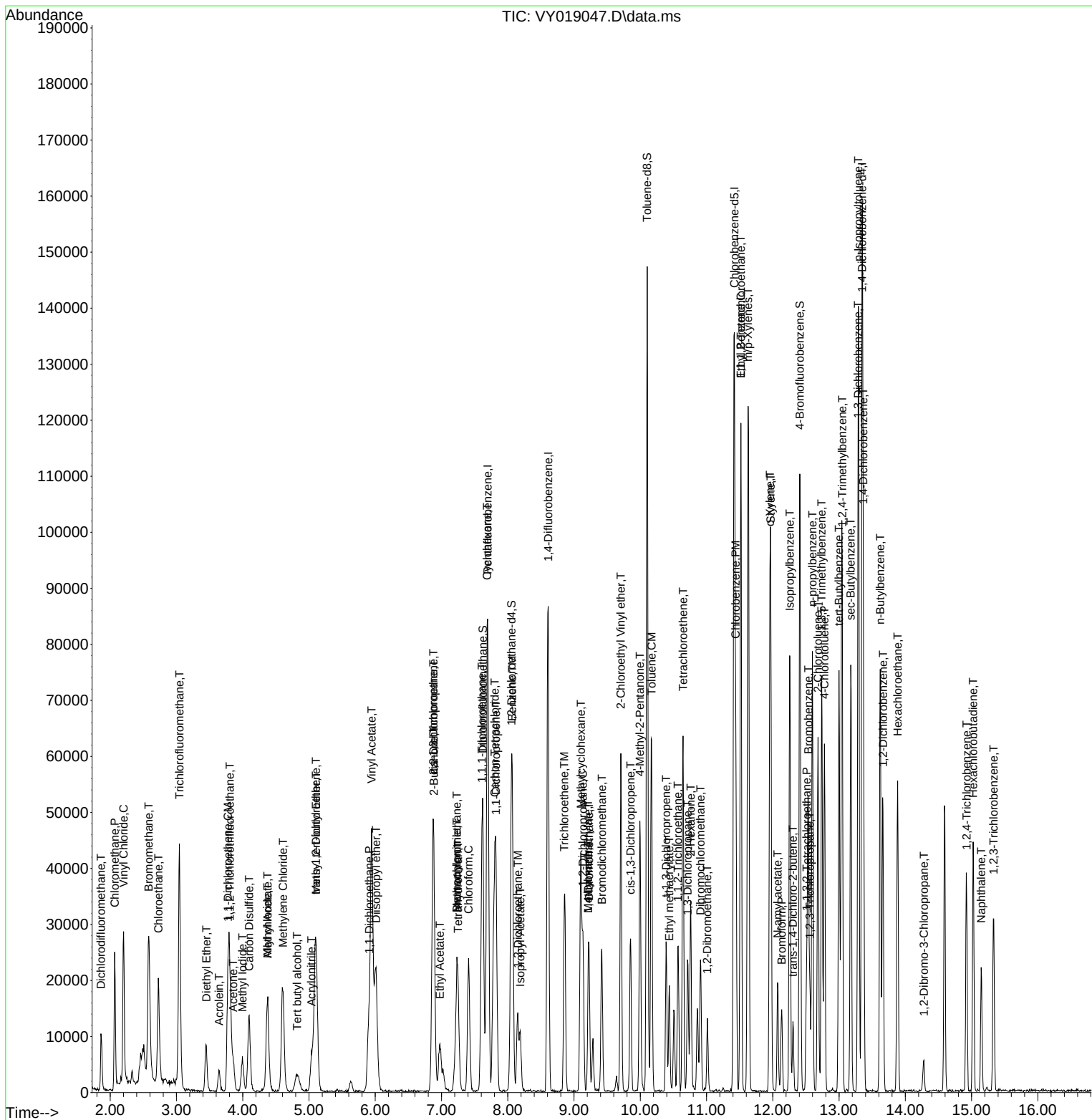
Instrument :
MSVOA_Y
ClientSampleId :

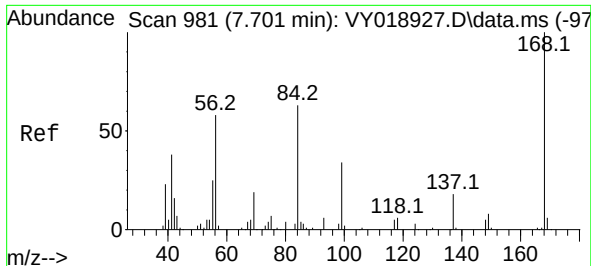
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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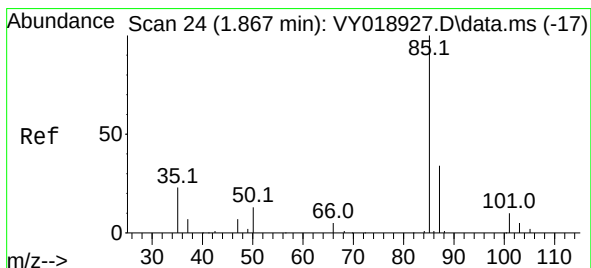
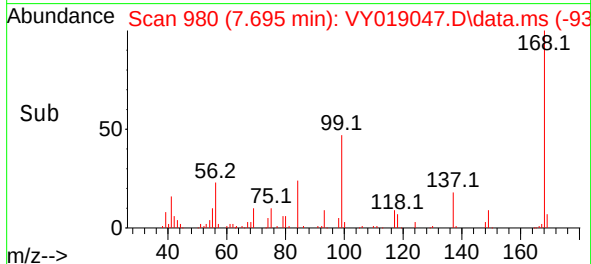
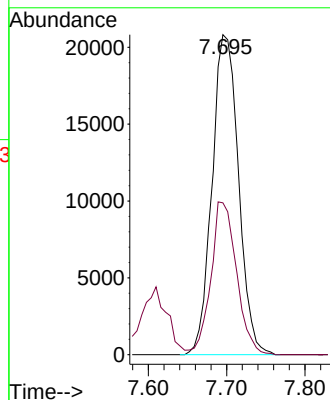
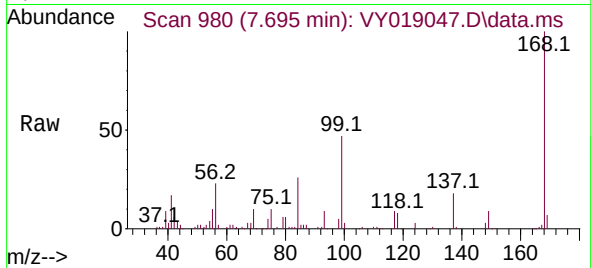




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

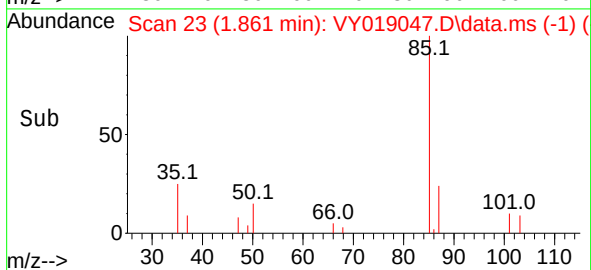
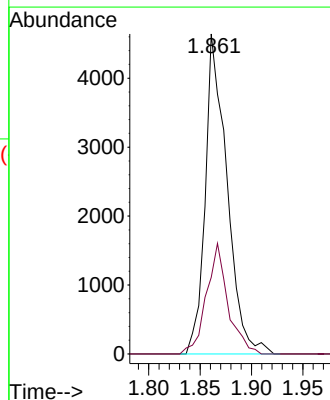
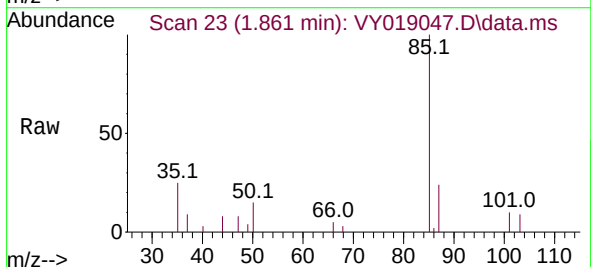
Instrument :
MSVOA_Y
ClientSampleId :

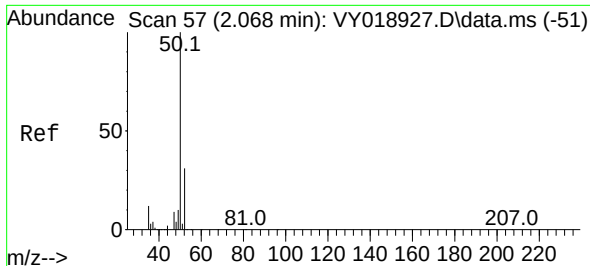
Tgt Ion:168 Resp: 48898
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.321 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion: 85 Resp: 6830
Ion Ratio Lower Upper
85 100
87 24.0 16.0 48.0

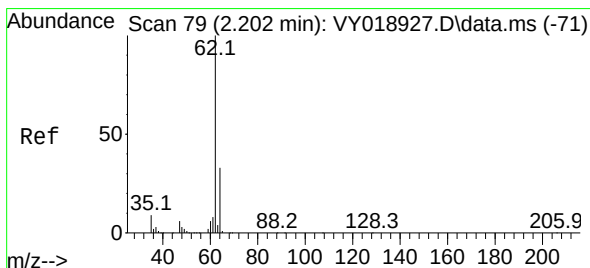
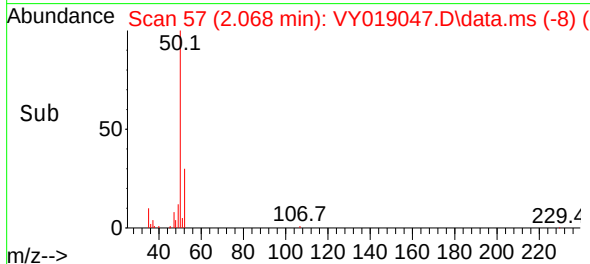
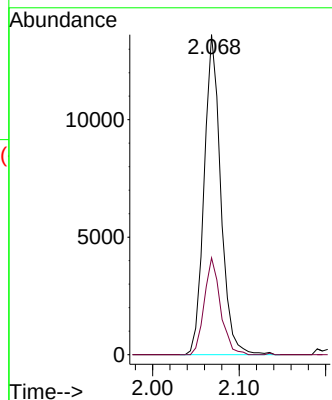
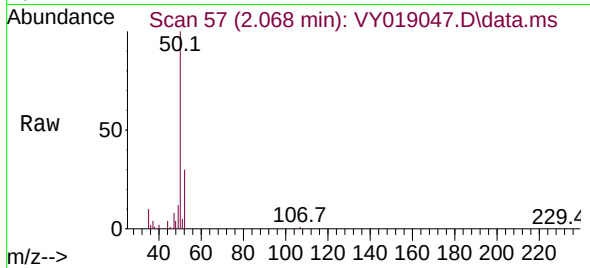




#3
Chloromethane
Concen: 20.899 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

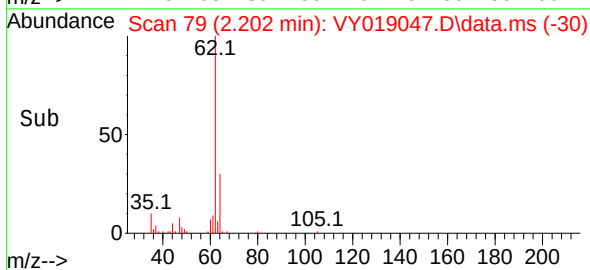
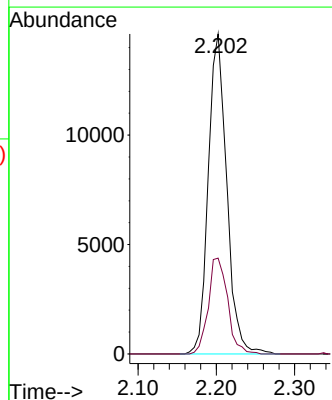
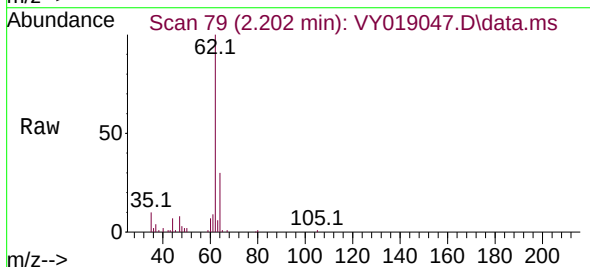
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ClientSampleId :

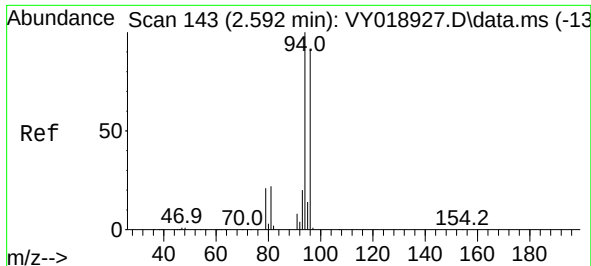
Tgt Ion: 50 Resp: 18174
Ion Ratio Lower Upper
50 100
52 30.2 25.6 38.4



#4
Vinyl Chloride
Concen: 21.224 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion: 62 Resp: 23906
Ion Ratio Lower Upper
62 100
64 29.9 26.1 39.1

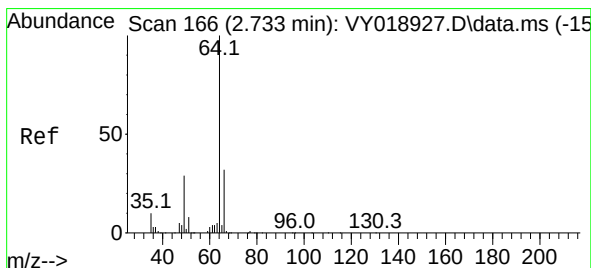
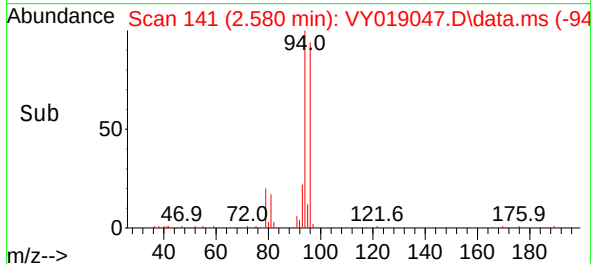
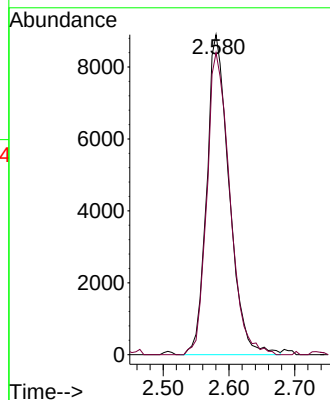
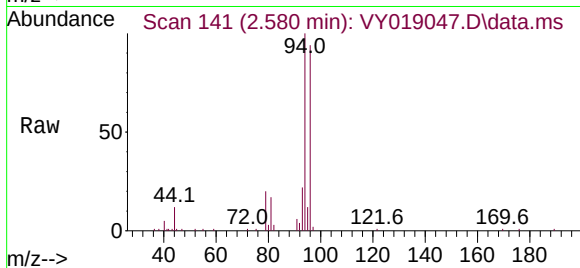




#5
Bromomethane
Concen: 23.555 ug/l
RT: 2.580 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

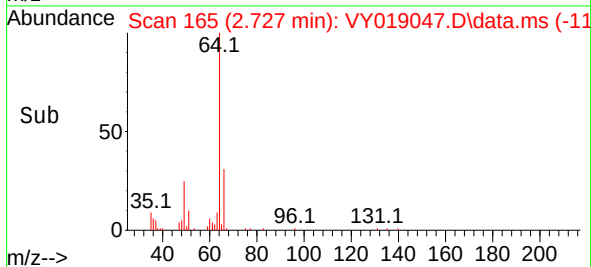
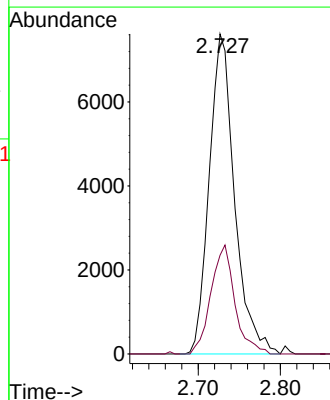
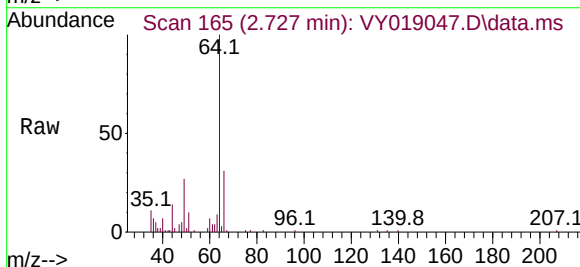
Instrument :
MSVOA_Y
ClientSampleId :

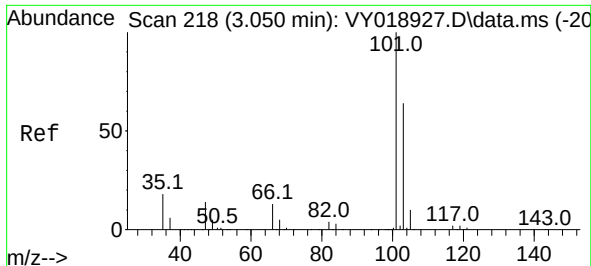
Tgt Ion: 94 Resp: 21168
Ion Ratio Lower Upper
94 100
96 94.3 74.1 111.1



#6
Chloroethane
Concen: 21.544 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

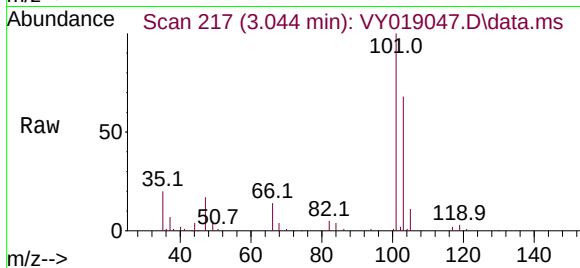
Tgt Ion: 64 Resp: 16318
Ion Ratio Lower Upper
64 100
66 30.9 26.1 39.1



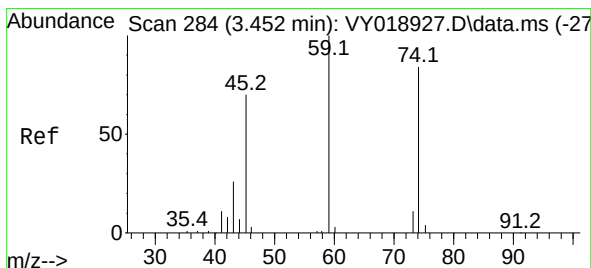
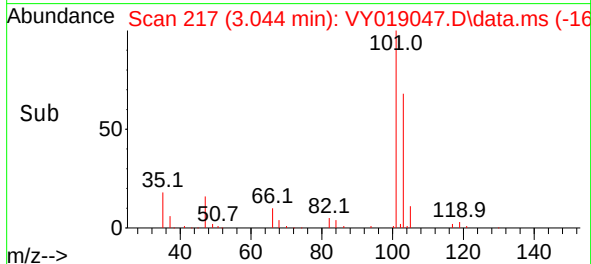
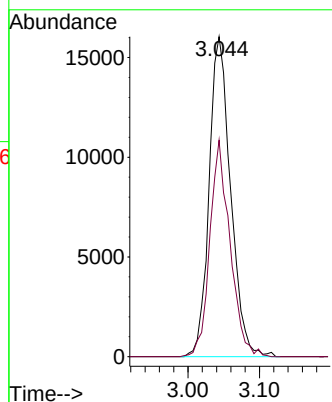


#7
Trichlorofluoromethane
Concen: 22.302 ug/l
RT: 3.044 min Scan# 218
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

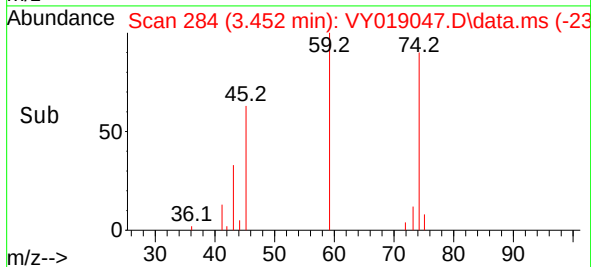
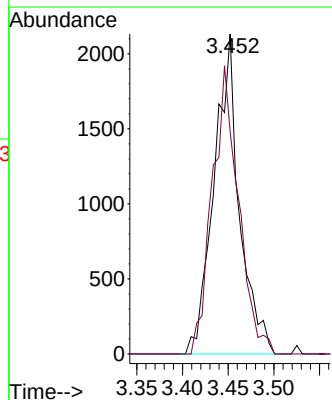
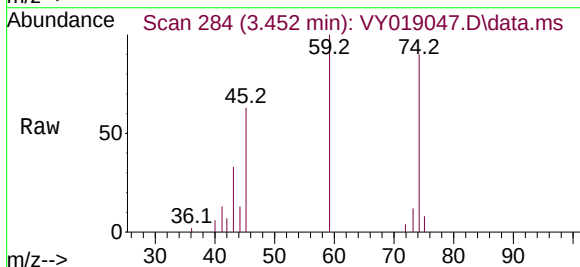


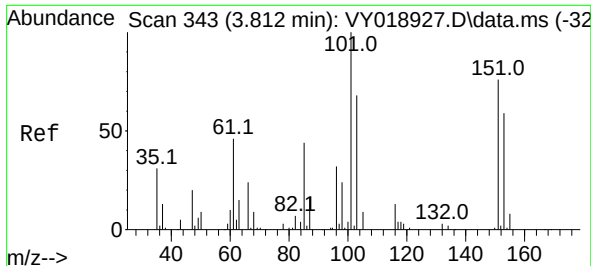
Tgt Ion:101 Resp: 33479
Ion Ratio Lower Upper
101 100
103 67.7 49.3 73.9



#8
Diethyl Ether
Concen: 17.787 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

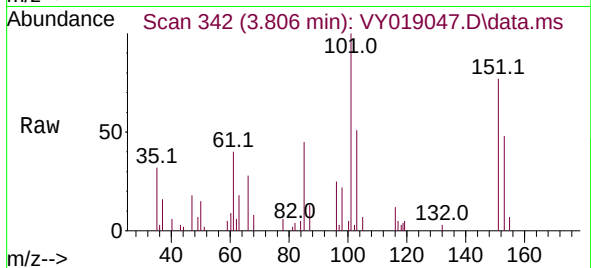
Tgt Ion: 74 Resp: 4116
Ion Ratio Lower Upper
74 100
45 93.4 41.3 124.1



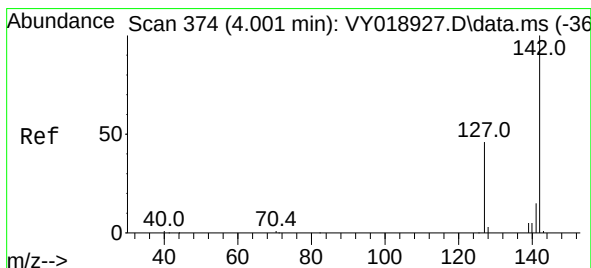
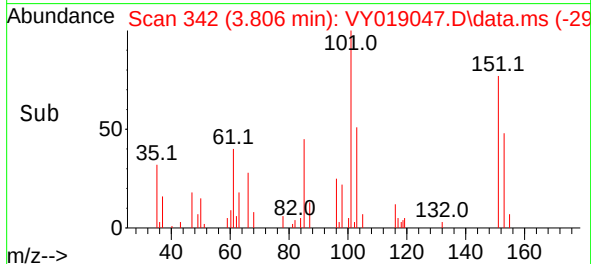
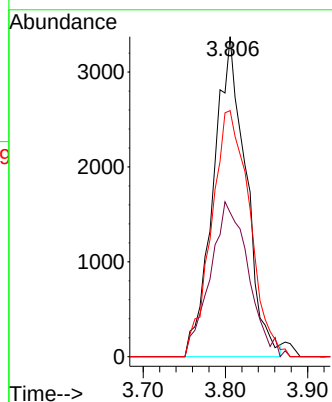


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.743 ug/l
RT: 3.806 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

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ClientSampleId :

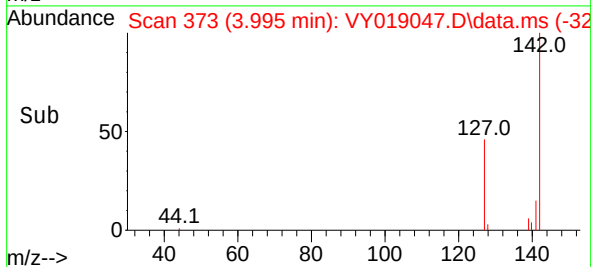
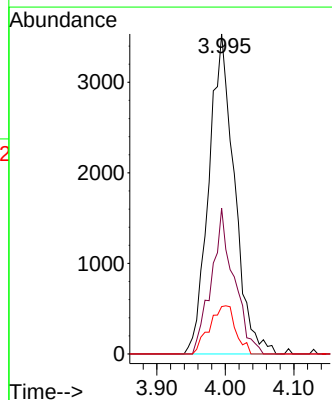
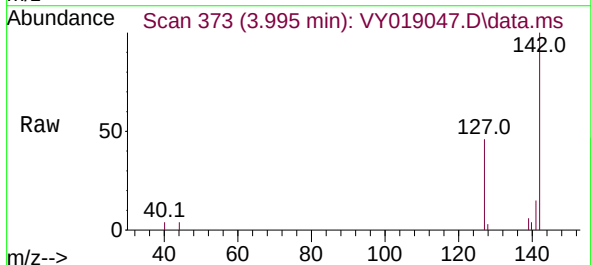


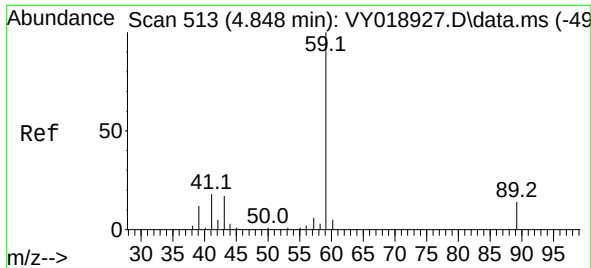
Tgt Ion:101 Resp: 9259
Ion Ratio Lower Upper
101 100
85 56.5 34.5 51.7#
151 90.2 61.7 92.5



#10
Methyl Iodide
Concen: 18.137 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

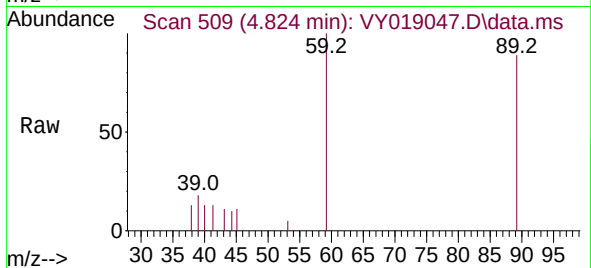
Tgt Ion:142 Resp: 9185
Ion Ratio Lower Upper
142 100
127 40.2 32.8 49.2
141 15.3 11.4 17.2



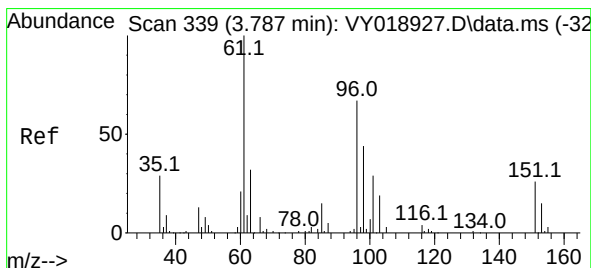
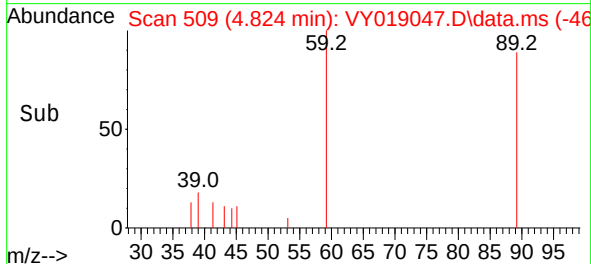
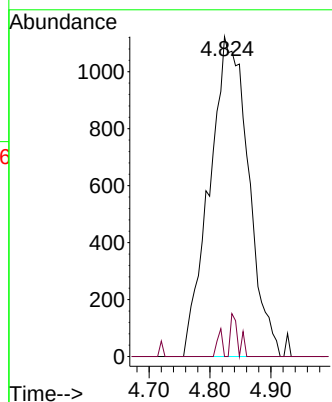


#11
Tert butyl alcohol
Concen: 103.241 ug/l
RT: 4.824 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

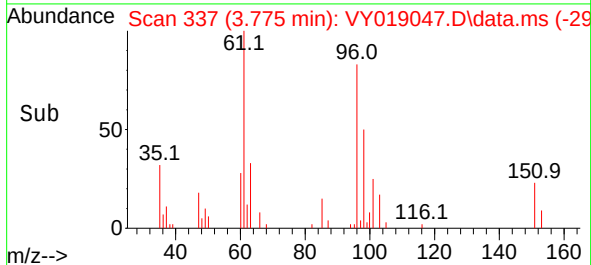
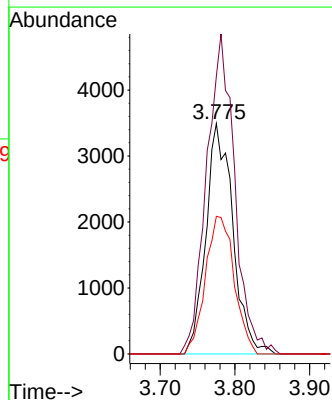
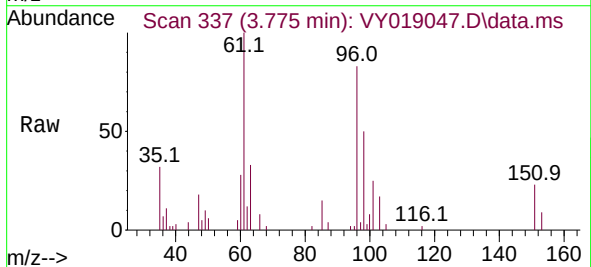


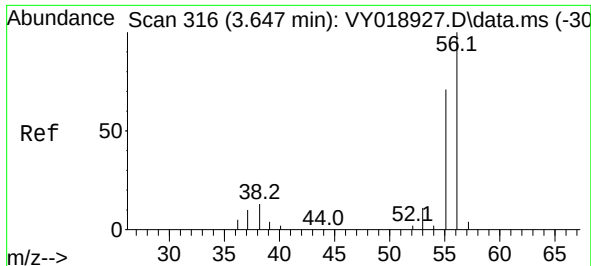
Tgt Ion: 59 Resp: 4980
Ion Ratio Lower Upper
59 100
57 2.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.733 ug/l
RT: 3.775 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion: 96 Resp: 8743
Ion Ratio Lower Upper
96 100
61 120.6 114.6 171.8
98 59.7 50.8 76.2





#13

Acrolein

Concen: 83.022 ug/l

RT: 3.641 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

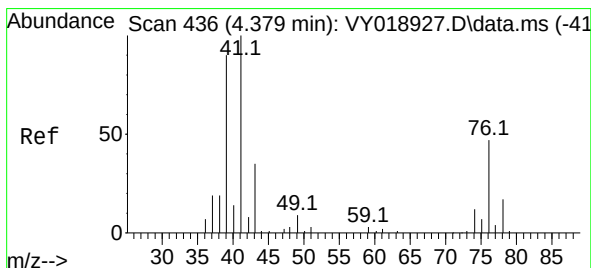
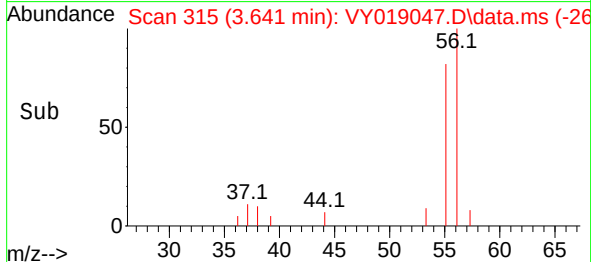
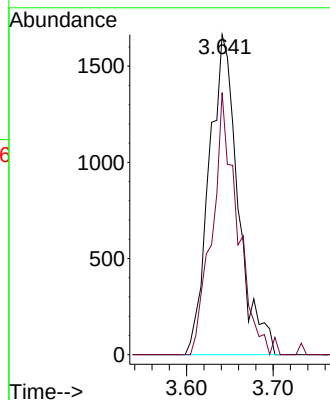
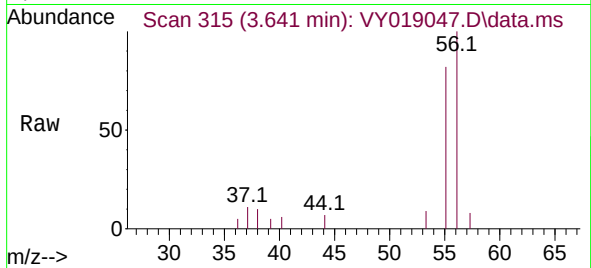
ClientSampleId :

Tgt Ion: 56 Resp: 3861

Ion Ratio Lower Upper

56 100

55 71.9 55.7 83.5



#14

Allyl chloride

Concen: 18.280 ug/l

RT: 4.373 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

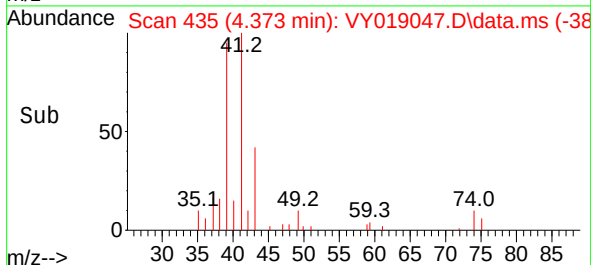
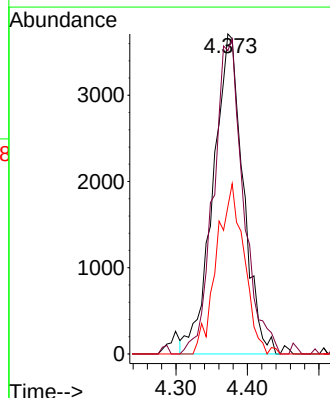
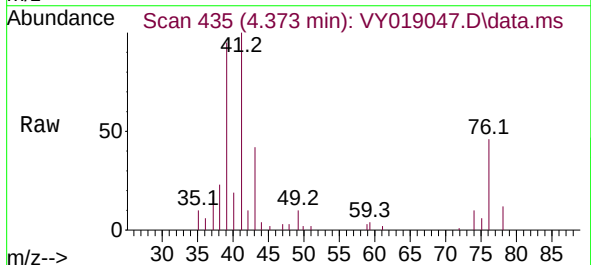
Tgt Ion: 41 Resp: 10832

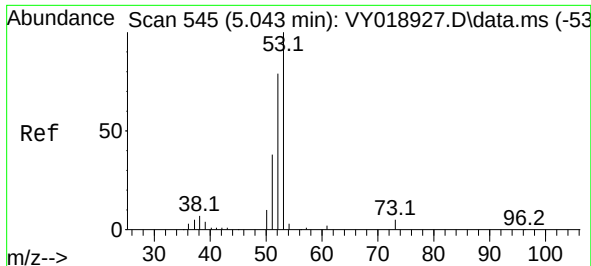
Ion Ratio Lower Upper

41 100

39 97.4 58.3 87.5#

76 49.0 39.0 58.6





#15

Acrylonitrile

Concen: 94.579 ug/l

RT: 5.037 min Scan# 54

Delta R.T. -0.006 min

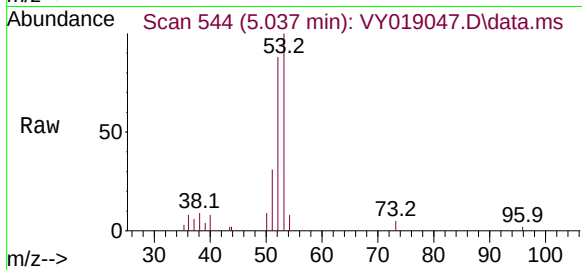
Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :



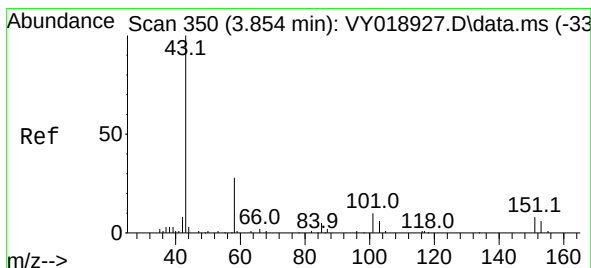
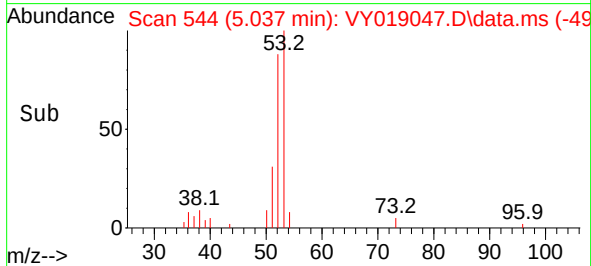
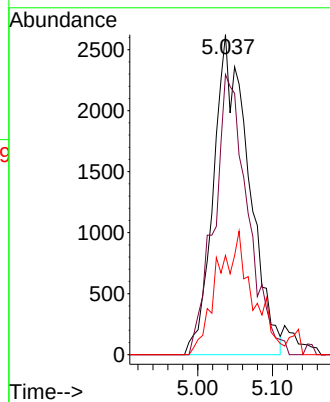
Tgt Ion: 53 Resp: 8580

Ion Ratio Lower Upper

53 100

52 83.6 64.7 97.1

51 39.0 28.4 42.6



#16

Acetone

Concen: 88.119 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019047.D

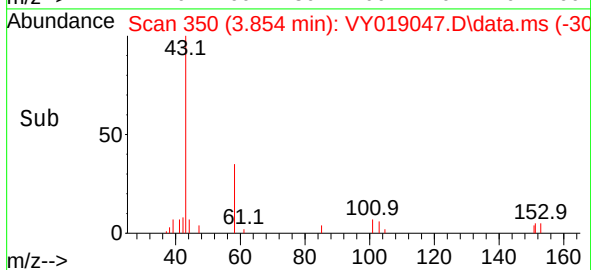
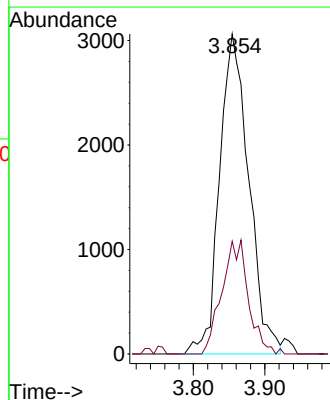
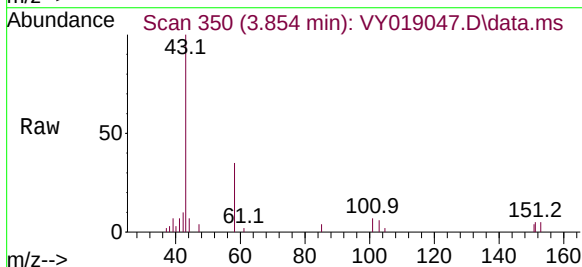
Acq: 14 Aug 2024 10:23

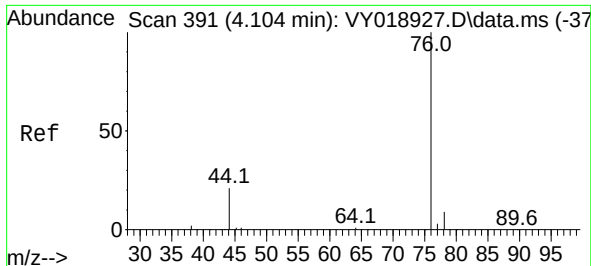
Tgt Ion: 43 Resp: 8694

Ion Ratio Lower Upper

43 100

58 35.2 31.7 47.5





#17

Carbon Disulfide

Concen: 18.656 ug/l

RT: 4.098 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

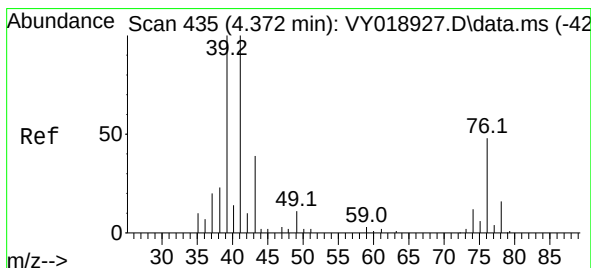
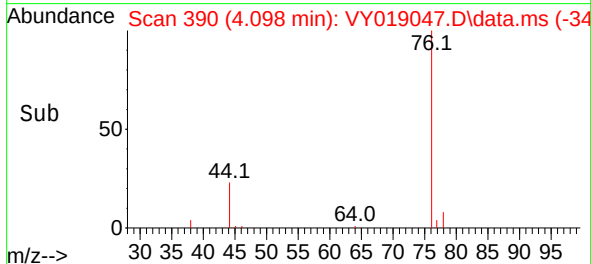
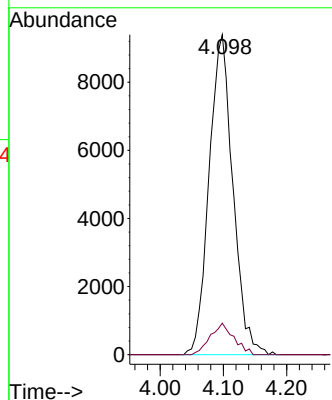
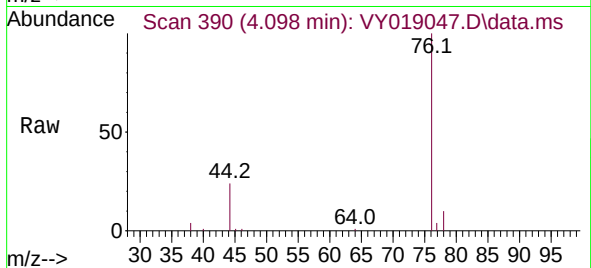
ClientSampleId :

Tgt Ion: 76 Resp: 24572

Ion Ratio Lower Upper

76 100

78 9.9 6.8 10.2



#18

Methyl Acetate

Concen: 20.577 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY019047.D

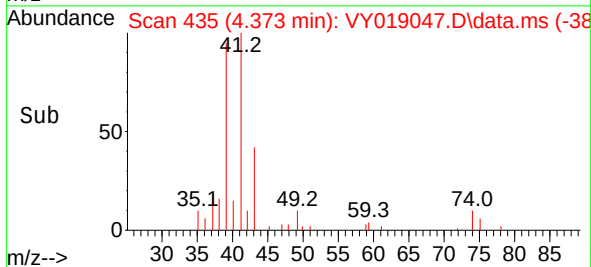
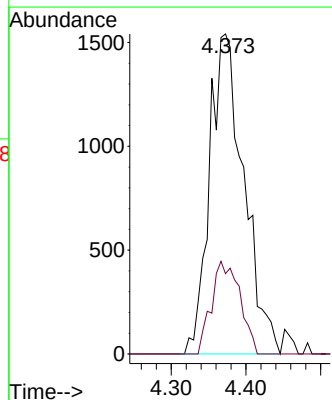
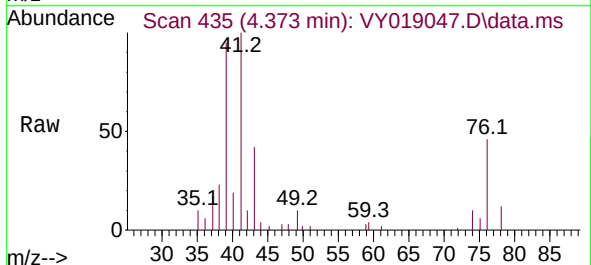
Acq: 14 Aug 2024 10:23

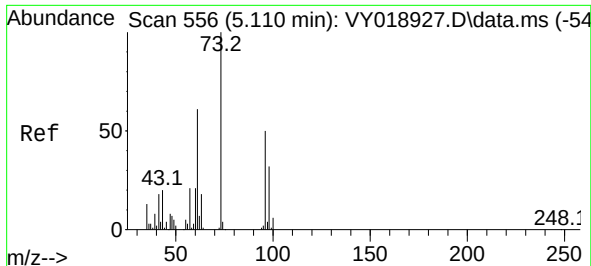
Tgt Ion: 43 Resp: 4910

Ion Ratio Lower Upper

43 100

74 24.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 18.127 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

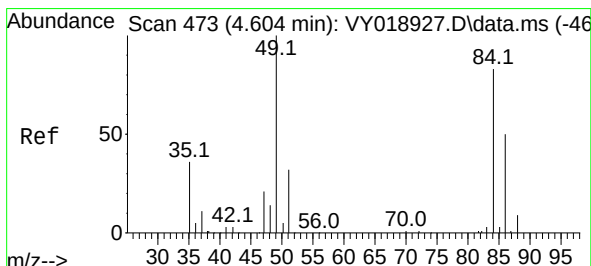
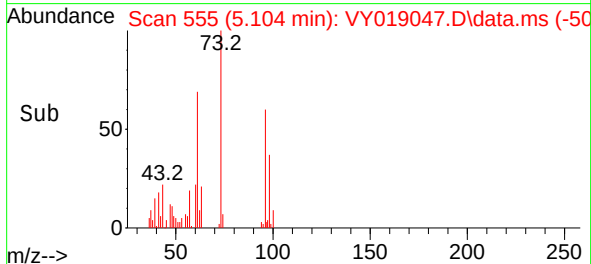
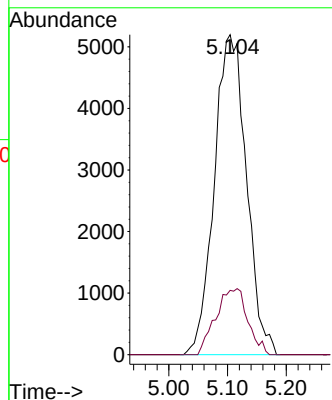
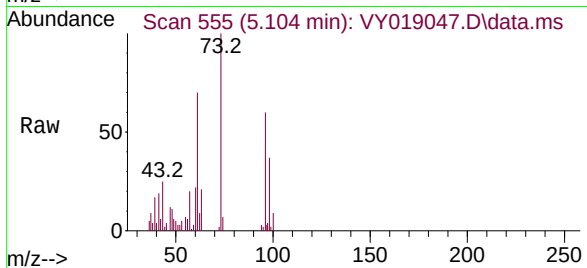
ClientSampleId :

Tgt Ion: 73 Resp: 19754

Ion Ratio Lower Upper

73 100

57 20.1 17.3 25.9



#20

Methylene Chloride

Concen: 20.531 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Tgt Ion: 84 Resp: 12035

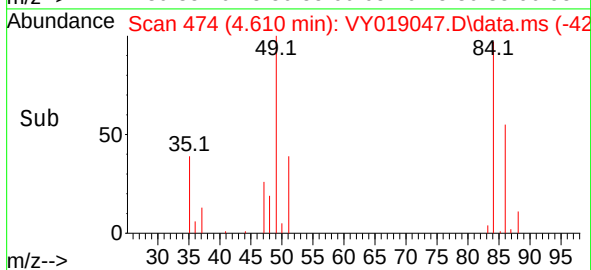
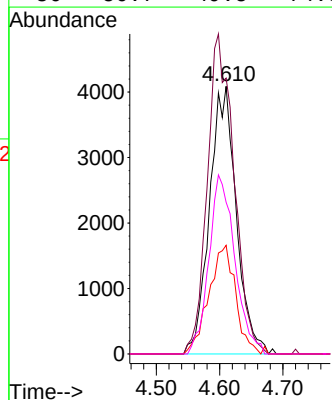
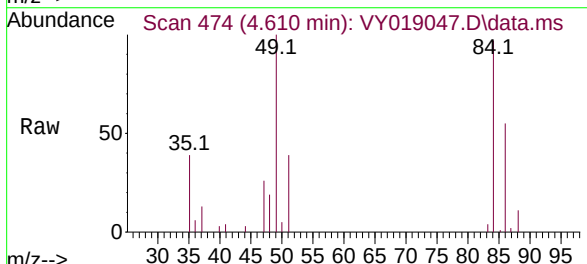
Ion Ratio Lower Upper

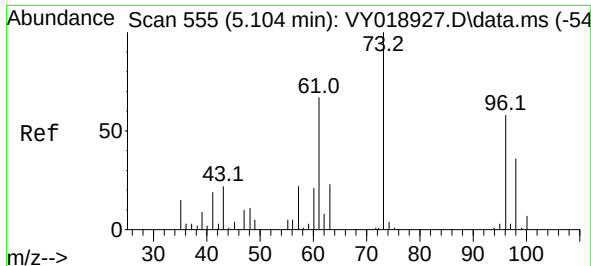
84 100

49 103.0 84.4 126.6

51 40.6 26.0 39.0#

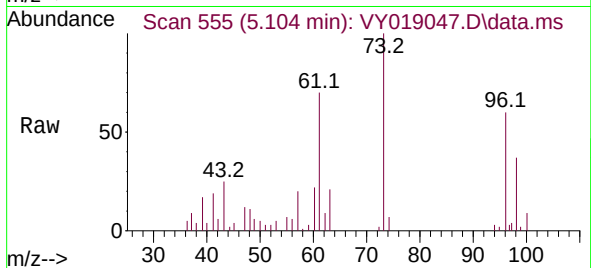
86 56.7 49.5 74.3



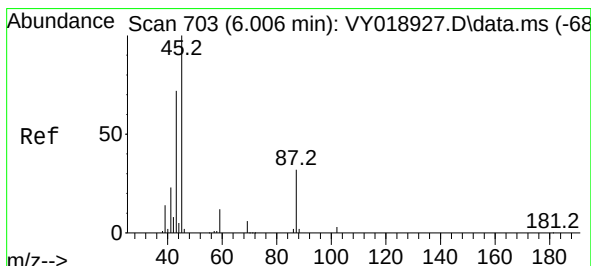
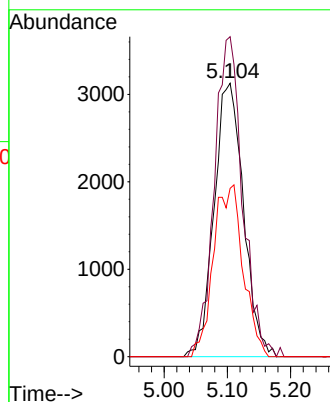
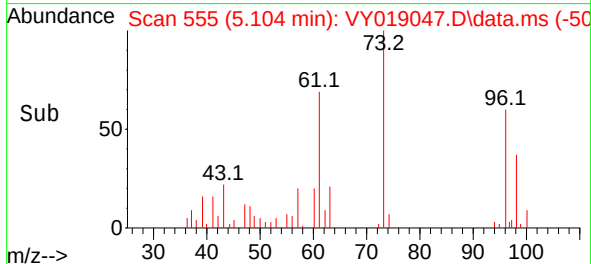


#21
trans-1,2-Dichloroethene
Concen: 20.564 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

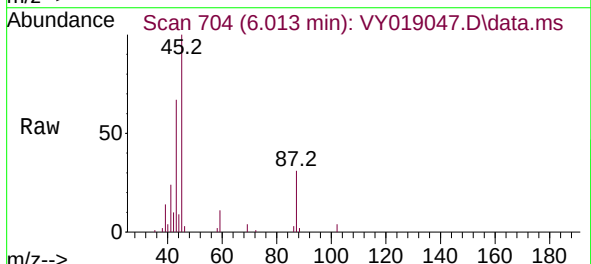
Instrument :
MSVOA_Y
ClientSampleId :



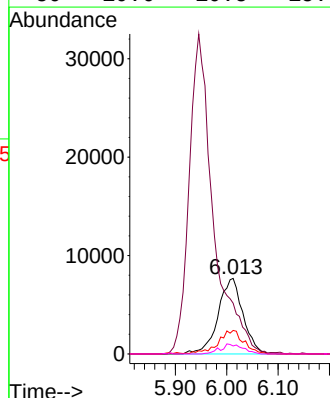
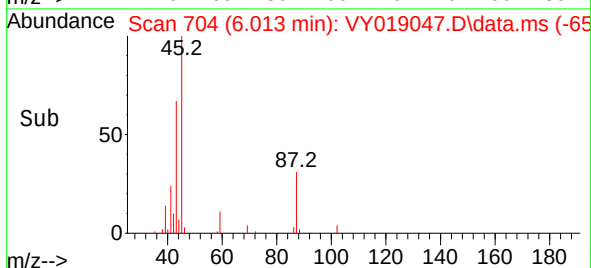
Tgt Ion: 96 Resp: 10081
Ion Ratio Lower Upper
96 100
61 117.0 97.5 146.3
98 61.6 50.5 75.7

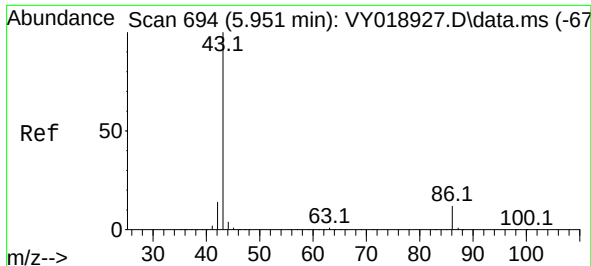


#22
Diisopropyl ether
Concen: 20.006 ug/l
RT: 6.013 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23



Tgt Ion: 45 Resp: 25844
Ion Ratio Lower Upper
45 100
43 64.7 42.2 63.2#
87 31.1 25.0 37.6
59 10.6 10.5 15.7

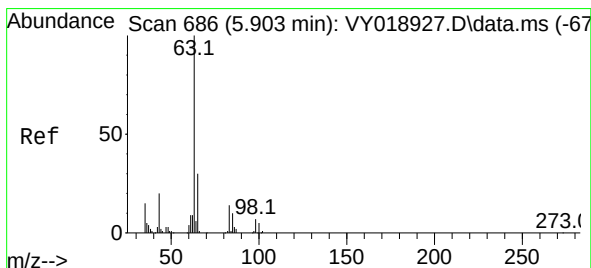
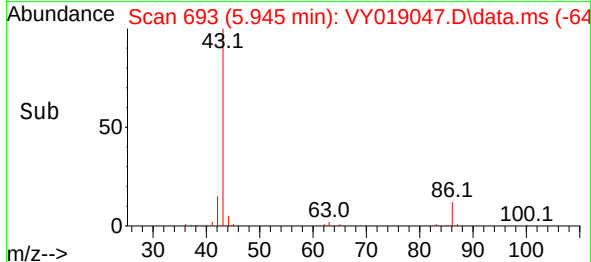
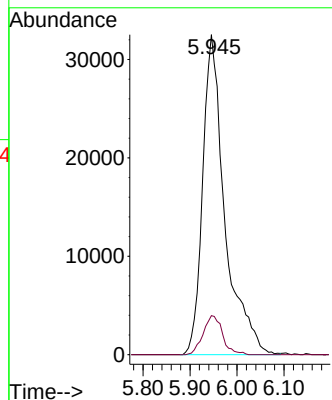
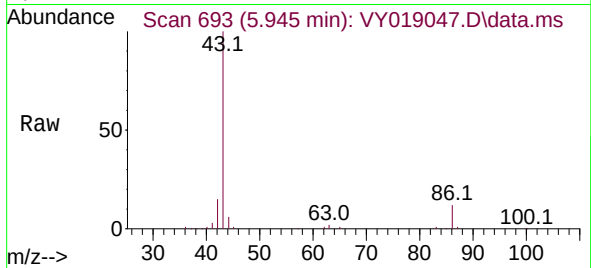




#23
 Vinyl Acetate
 Concen: 95.564 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019047.D
 Acq: 14 Aug 2024 10:23

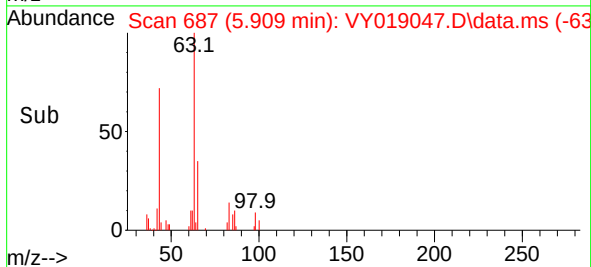
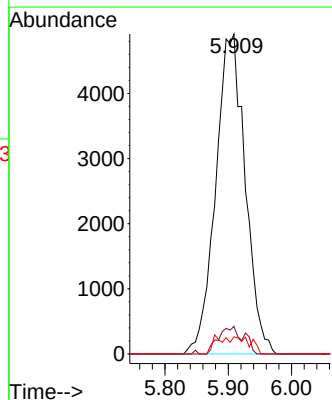
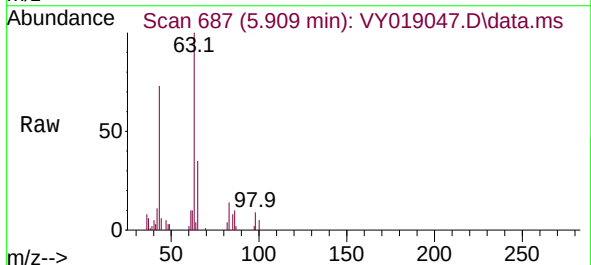
Instrument :
 MSVOA_Y
 ClientSampleId :

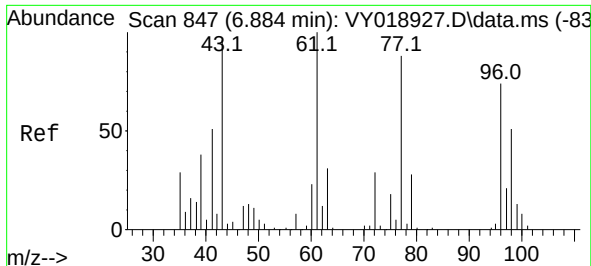
Tgt Ion: 43 Resp: 106539
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.060 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019047.D
 Acq: 14 Aug 2024 10:23

Tgt Ion: 63 Resp: 15897
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 98.787 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

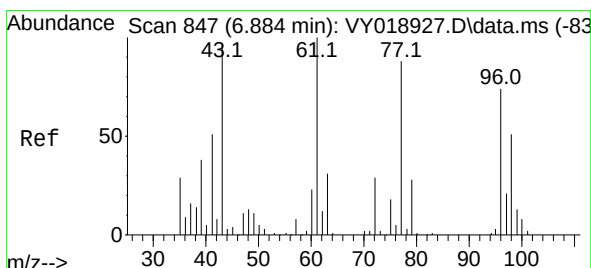
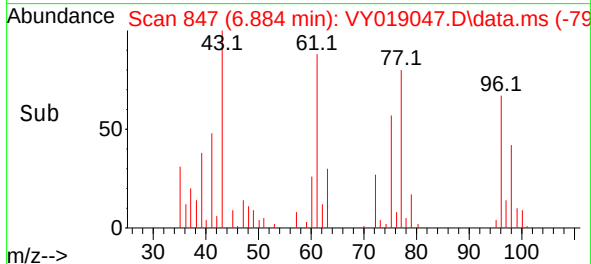
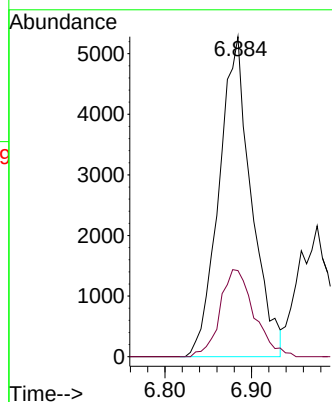
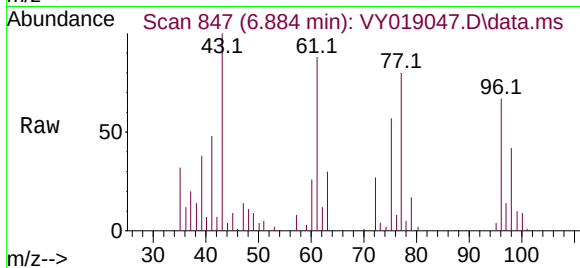
ClientSampleId :

Tgt Ion: 43 Resp: 13732

Ion Ratio Lower Upper

43 100

72 26.9 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 17.799 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019047.D

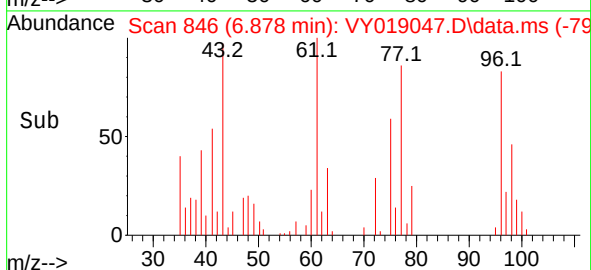
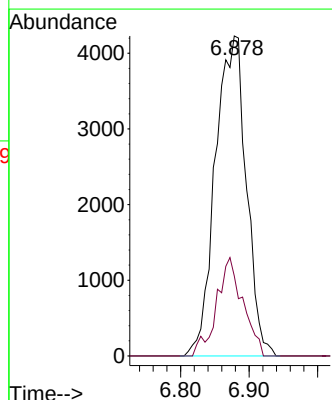
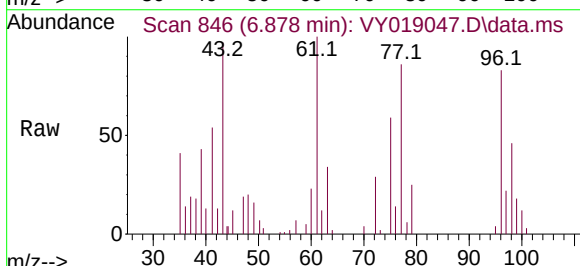
Acq: 14 Aug 2024 10:23

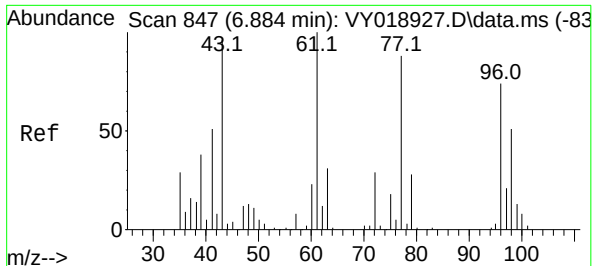
Tgt Ion: 77 Resp: 13276

Ion Ratio Lower Upper

77 100

97 26.1 12.0 36.1

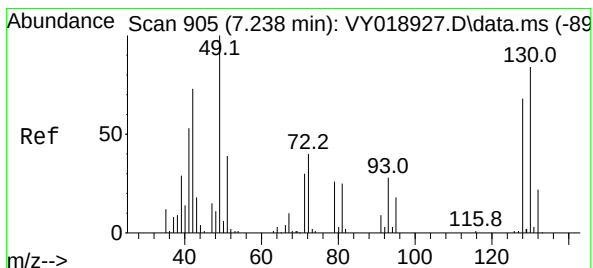
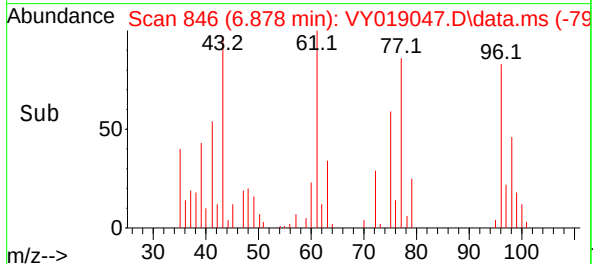
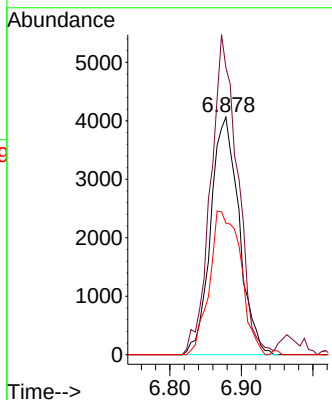
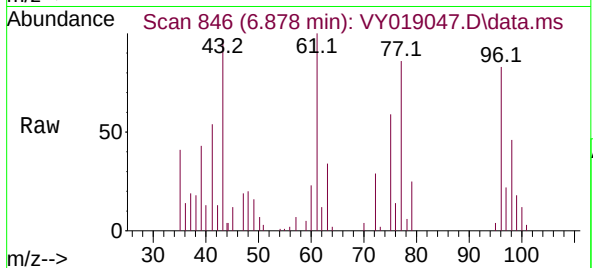




#27
 cis-1,2-Dichloroethene
 Concen: 19.062 ug/l
 RT: 6.878 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY019047.D
 Acq: 14 Aug 2024 10:23

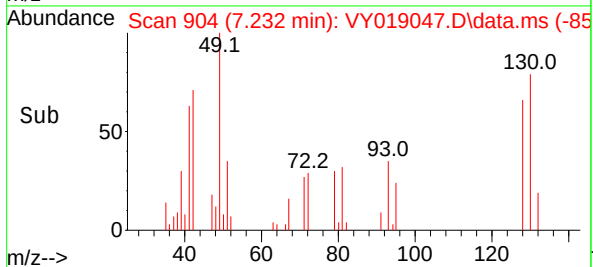
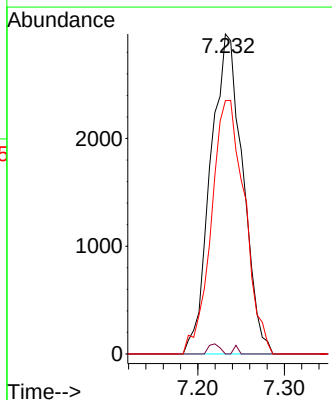
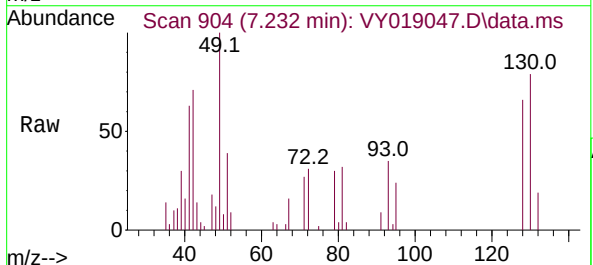
Instrument :
 MSVOA_Y
 ClientSampleId :

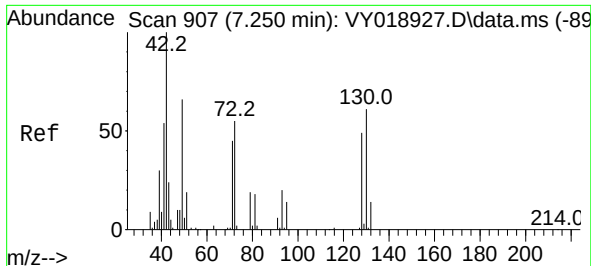
Tgt Ion: 96 Resp: 11181
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 256.2
 98 66.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.946 ug/l
 RT: 7.232 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY019047.D
 Acq: 14 Aug 2024 10:23

Tgt Ion: 49 Resp: 7642
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.6
 130 82.4 72.7 109.1

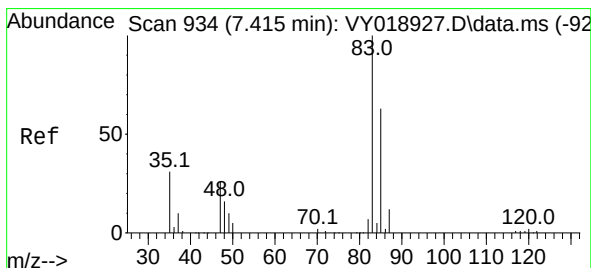
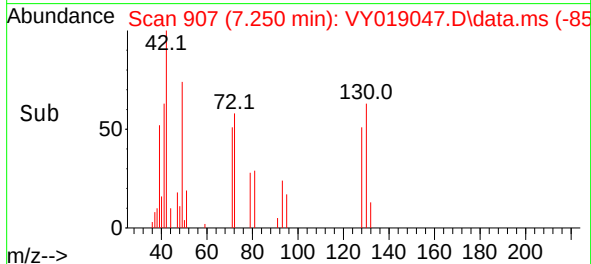
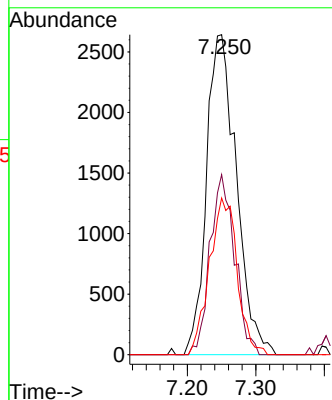
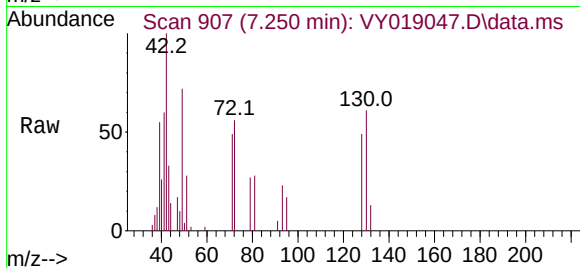




#29
Tetrahydrofuran
Concen: 97.627 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

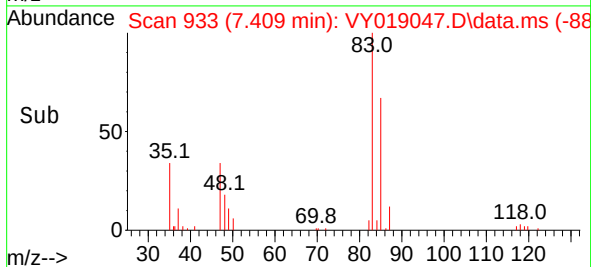
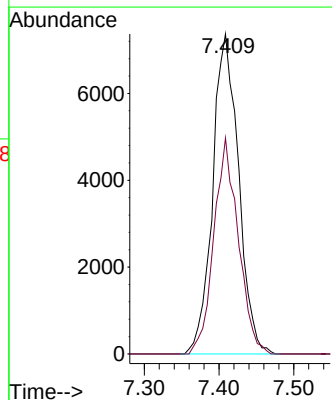
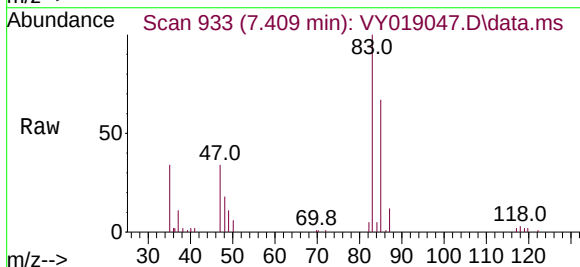
Instrument :
MSVOA_Y
ClientSampleId :

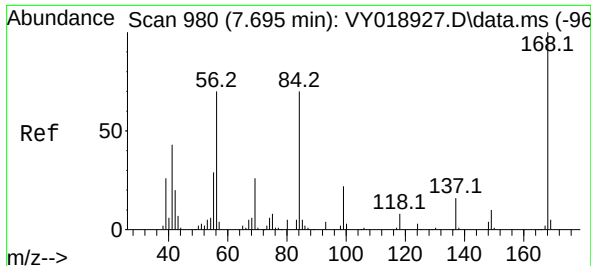
Tgt Ion:	42	Resp:	8002
Ion	Ratio	Lower	Upper
42	100		
72	46.5	43.0	64.4
71	45.4	40.8	61.2



#30
Chloroform
Concen: 20.918 ug/l
RT: 7.409 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

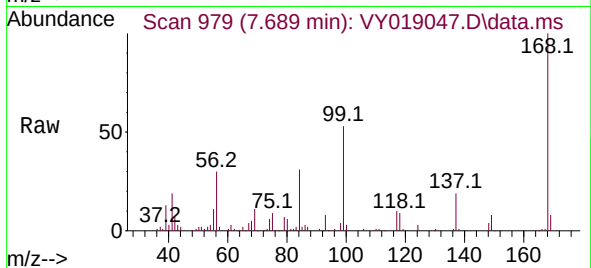
Tgt Ion:	83	Resp:	17733
Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.2	78.4



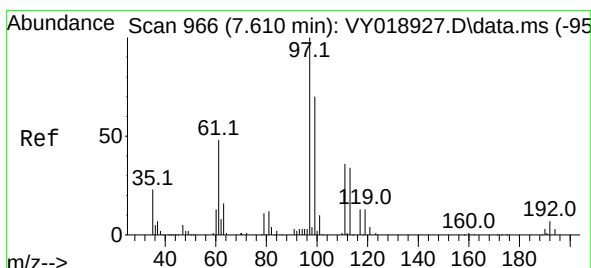
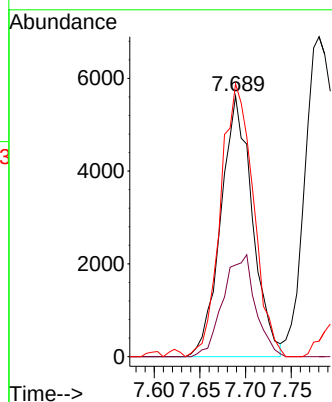
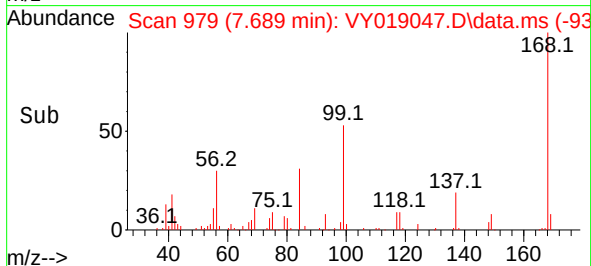


#31
Cyclohexane
Concen: 17.604 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

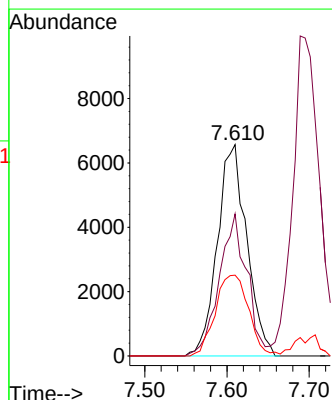
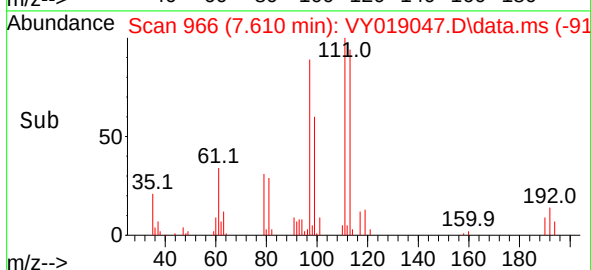
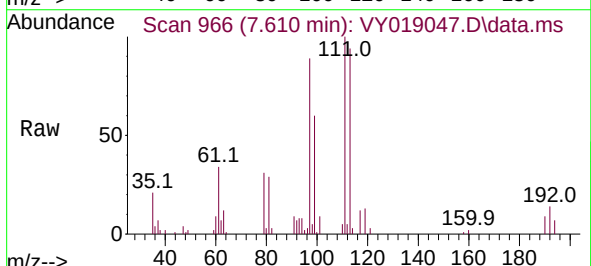


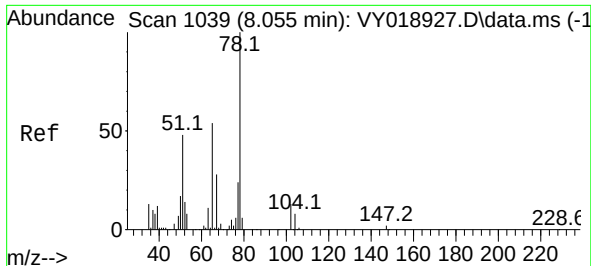
Tgt Ion: 56 Resp: 13463
Ion Ratio Lower Upper
56 100
69 35.2 28.7 43.1
84 102.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.345 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion: 97 Resp: 16356
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 43.5 32.6 48.8

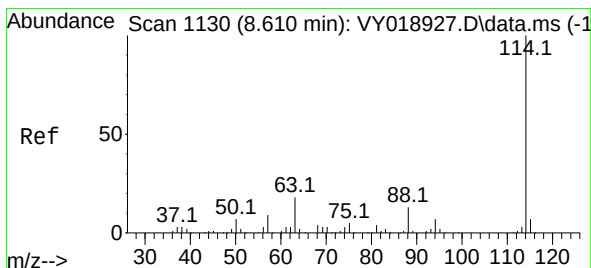
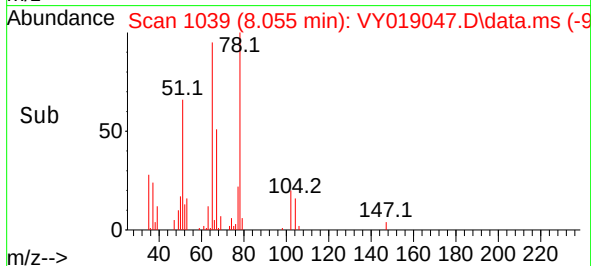
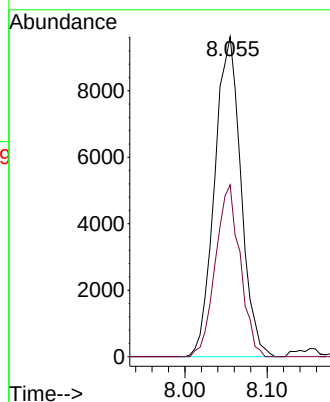
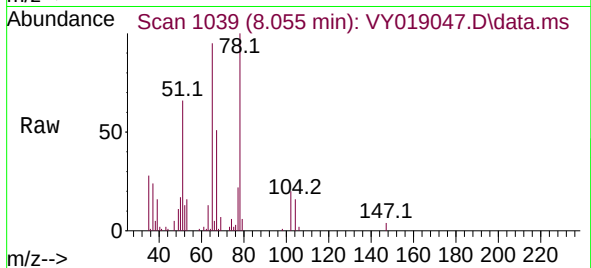




#33
1,2-Dichloroethane-d4
Concen: 49.863 ug/l
RT: 8.055 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

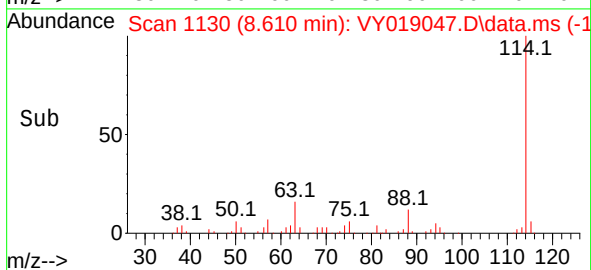
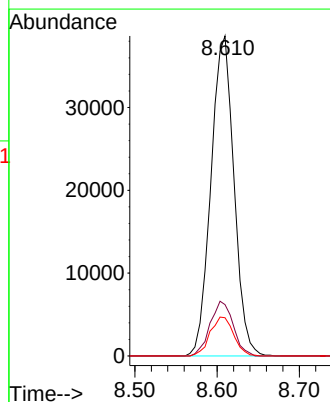
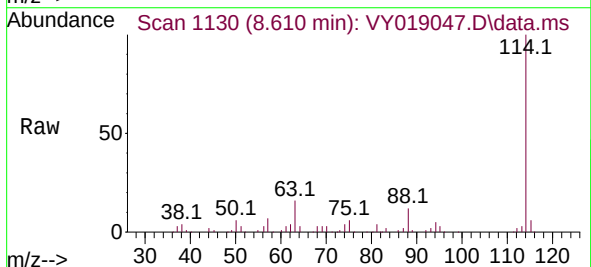
Instrument :
MSVOA_Y
ClientSampleId :

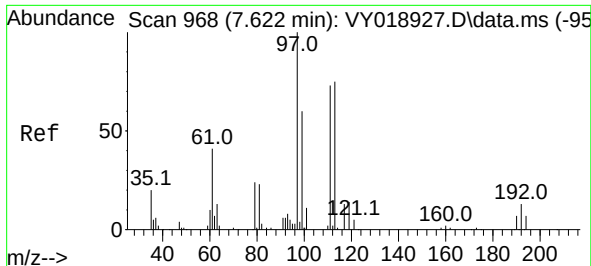
Tgt Ion: 65 Resp: 21407
Ion Ratio Lower Upper
65 100
67 50.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion: 114 Resp: 75171
Ion Ratio Lower Upper
114 100
63 16.0 0.0 35.0
88 12.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.435 ug/l

RT: 7.622 min Scan# 9

Delta R.T. -0.000 min

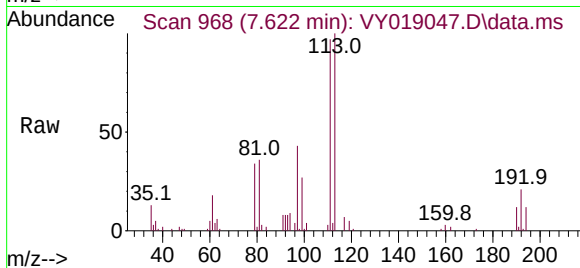
Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :



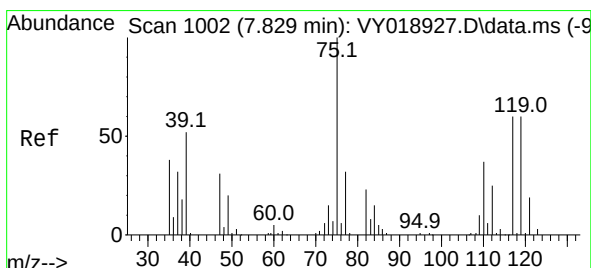
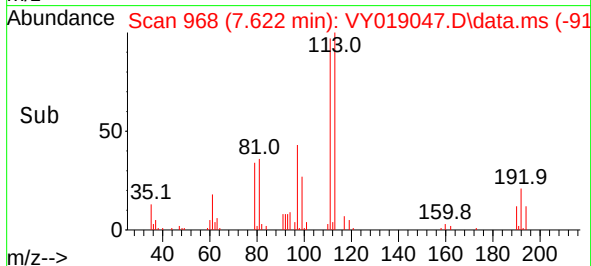
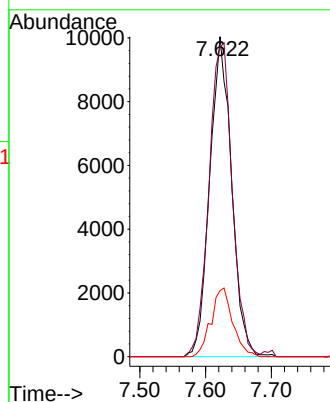
Tgt Ion:113 Resp: 23254

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 21.3 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.624 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

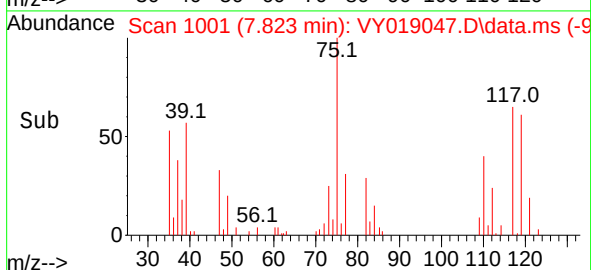
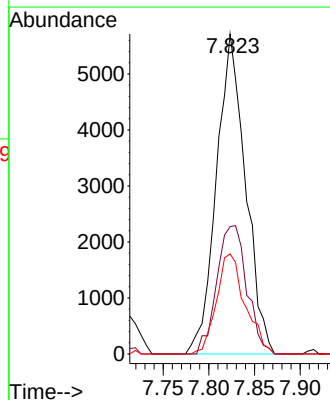
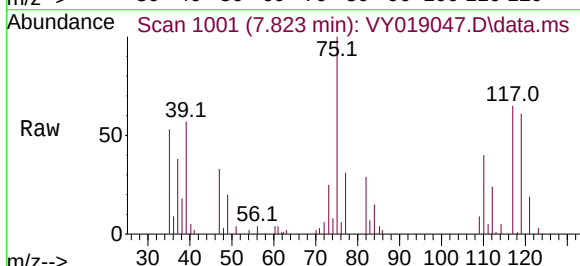
Tgt Ion: 75 Resp: 12647

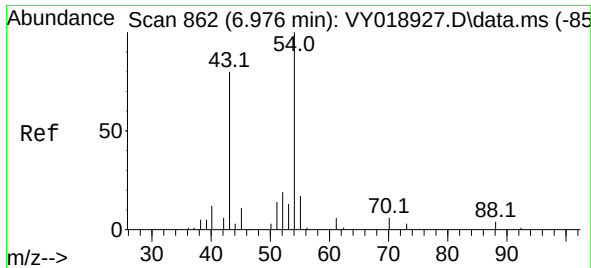
Ion Ratio Lower Upper

75 100

110 41.4 19.0 57.0

77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 20.185 ug/l

RT: 6.976 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

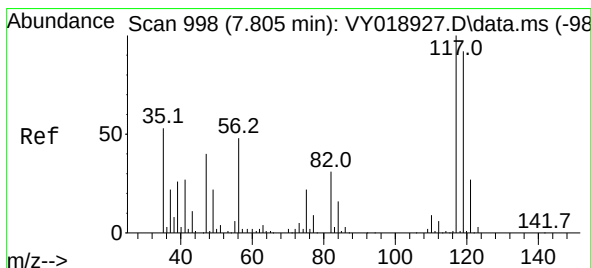
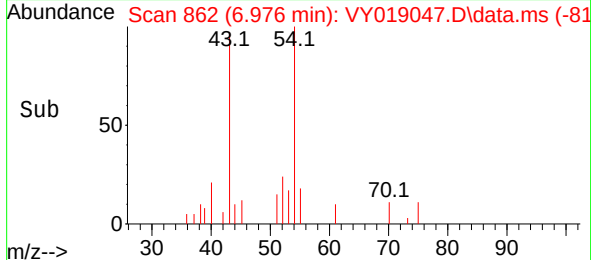
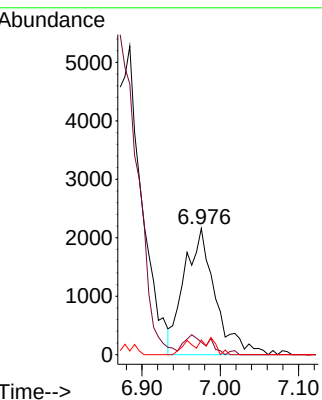
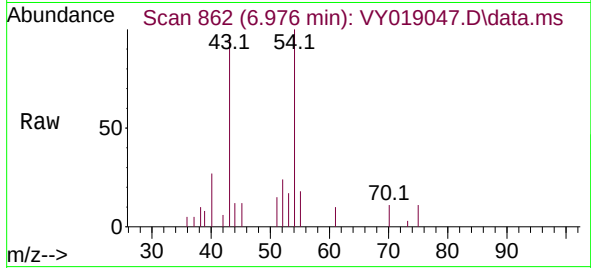
Tgt Ion: 43 Resp: 5946

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 5.9 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 19.968 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

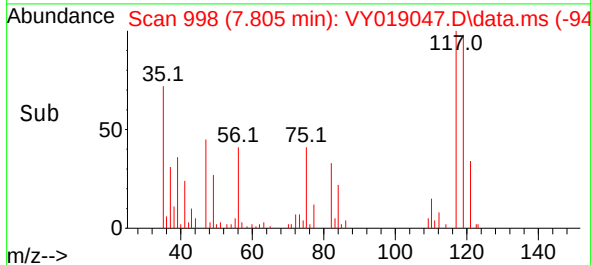
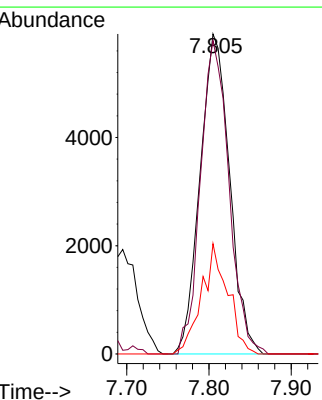
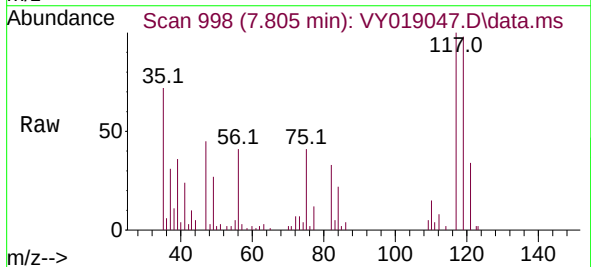
Tgt Ion: 117 Resp: 14755

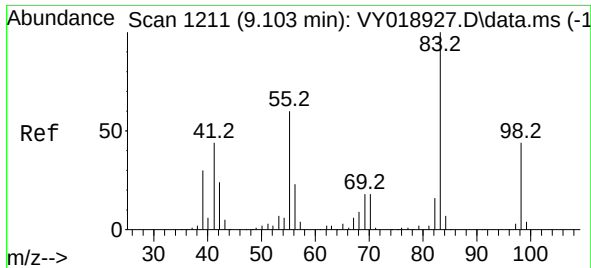
Ion Ratio Lower Upper

117 100

119 97.9 75.8 113.6

121 34.5 24.0 36.0





#39

Methylcyclohexane

Concen: 19.440 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

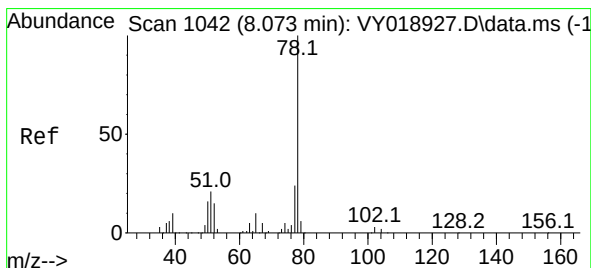
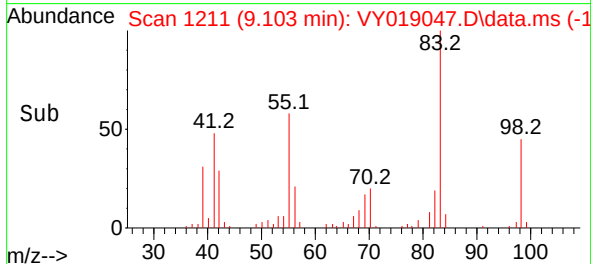
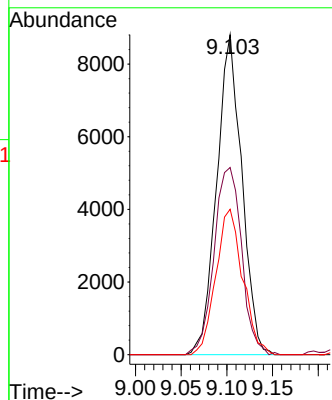
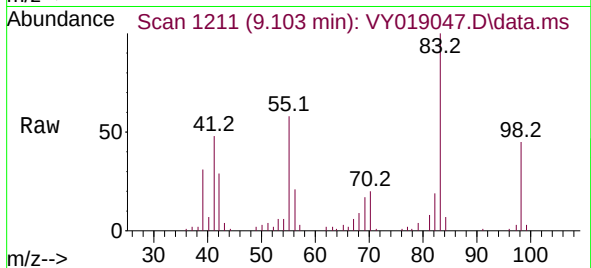
Tgt Ion: 83 Resp: 16864

Ion Ratio Lower Upper

83 100

55 58.5 51.5 77.3

98 45.4 40.5 60.7



#40

Benzene

Concen: 19.641 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY019047.D

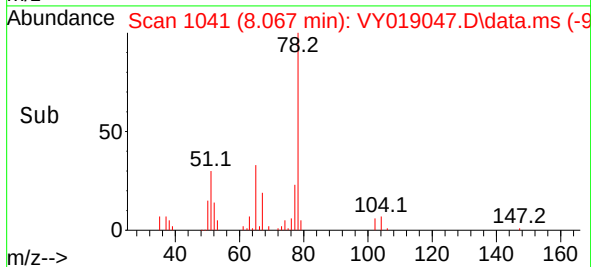
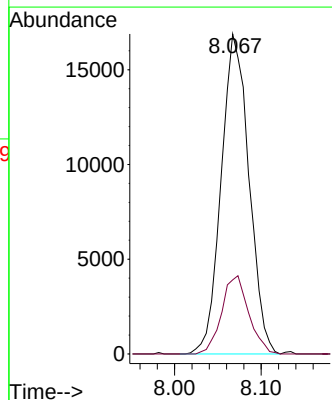
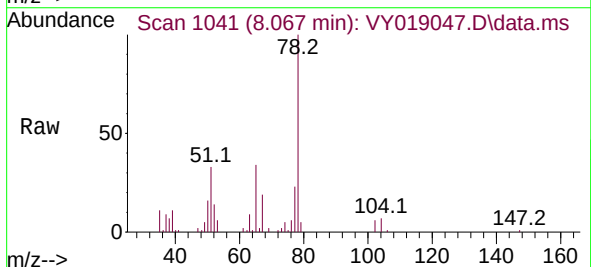
Acq: 14 Aug 2024 10:23

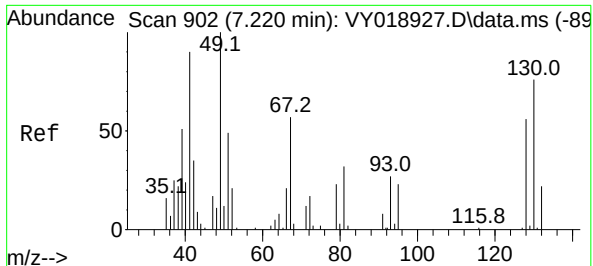
Tgt Ion: 78 Resp: 37635

Ion Ratio Lower Upper

78 100

77 23.1 19.5 29.3

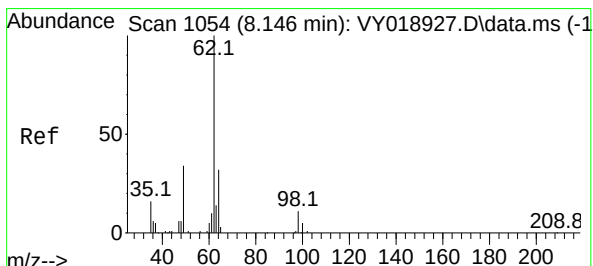
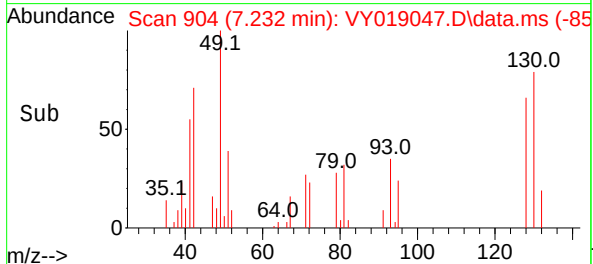
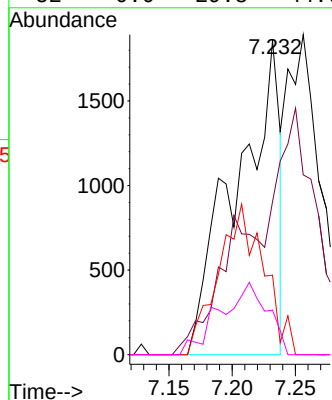
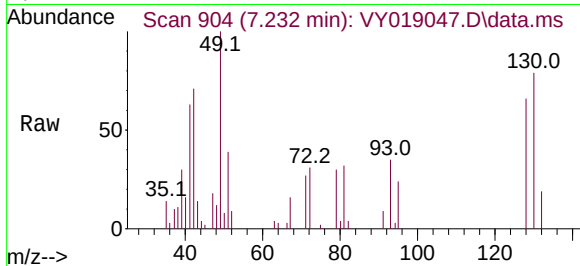




#41
Methacrylonitrile
Concen: 33.213 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

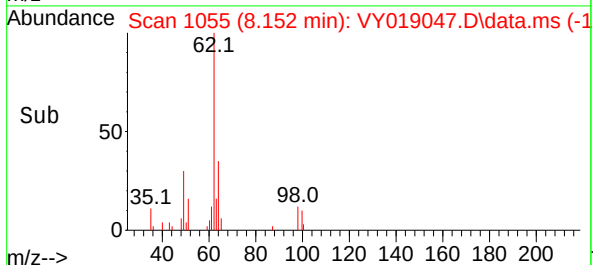
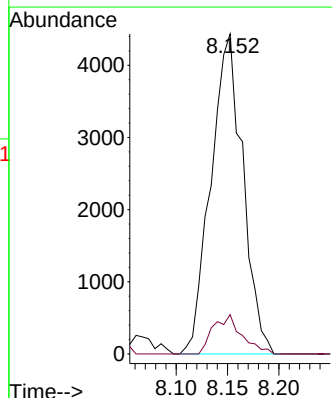
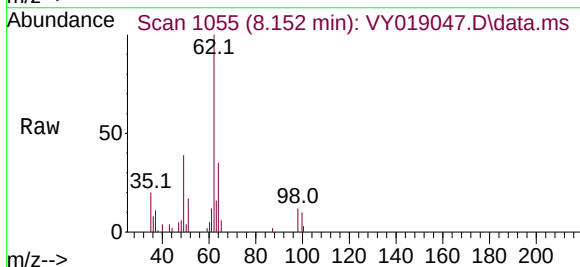
Instrument :
MSVOA_Y
ClientSampleId :

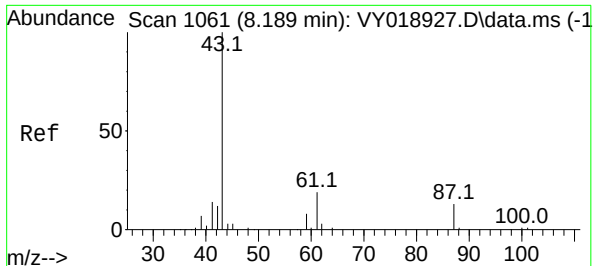
Tgt Ion: 41 Resp: 4452
Ion Ratio Lower Upper
41 100
39 74.3 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.106 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion: 62 Resp: 9591
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 19.717 ug/l

RT: 8.189 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

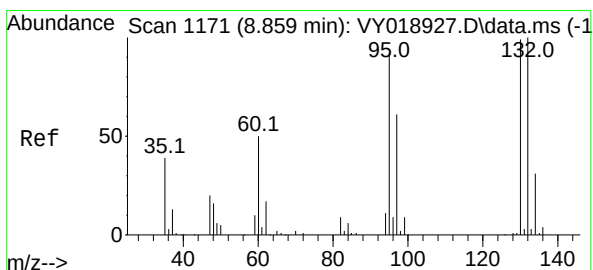
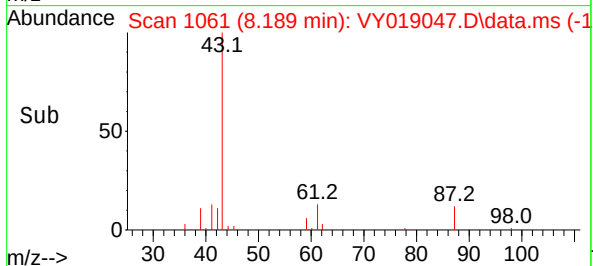
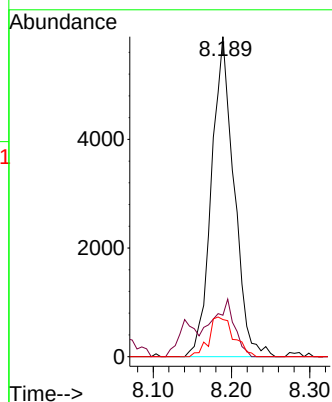
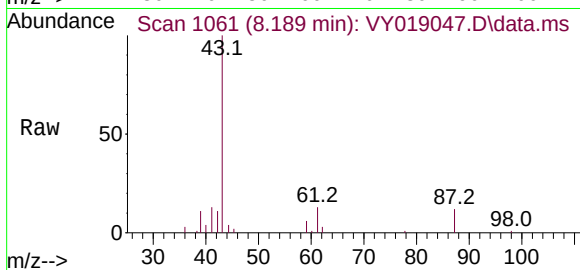
Tgt Ion: 43 Resp: 11812

Ion Ratio Lower Upper

43 100

61 18.0 27.9 41.9#

87 13.7 13.1 19.7



#44

Trichloroethene

Concen: 21.476 ug/l

RT: 8.853 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VY019047.D

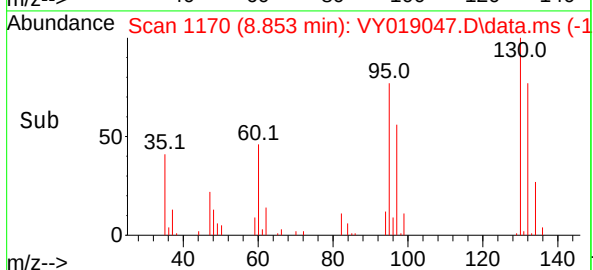
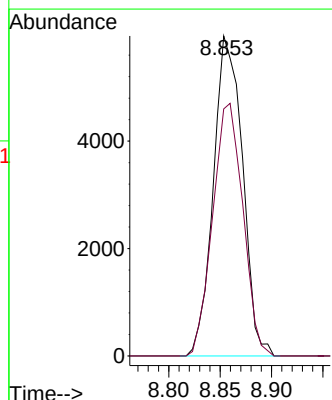
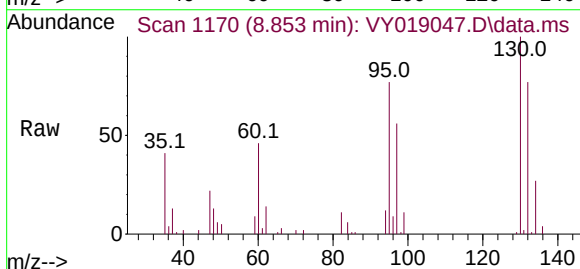
Acq: 14 Aug 2024 10:23

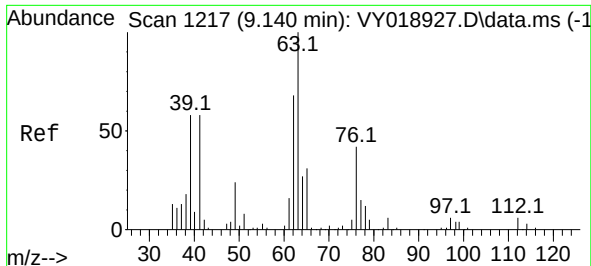
Tgt Ion:130 Resp: 11730

Ion Ratio Lower Upper

130 100

95 77.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.736 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

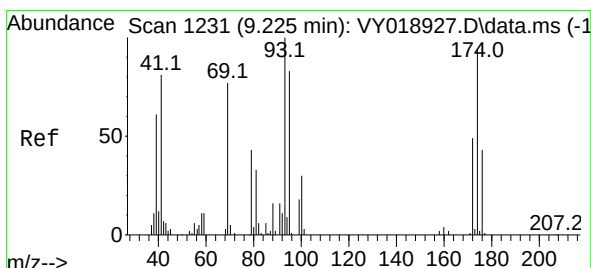
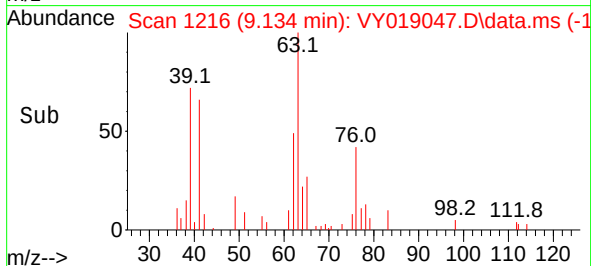
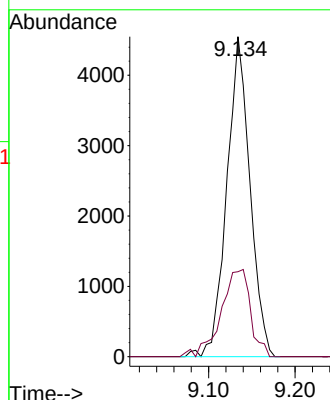
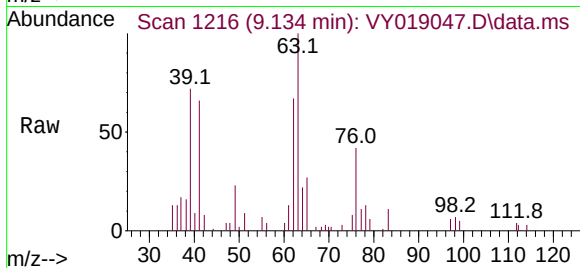
ClientSampleId :

Tgt Ion: 63 Resp: 8462

Ion Ratio Lower Upper

63 100

65 26.6 25.4 38.2



#46

Dibromomethane

Concen: 20.986 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

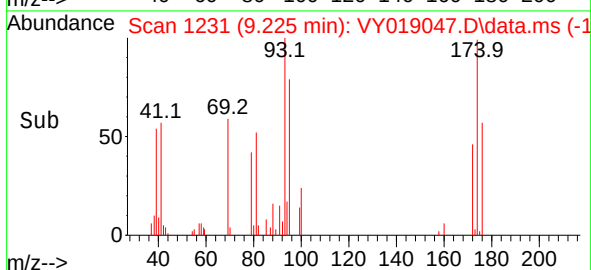
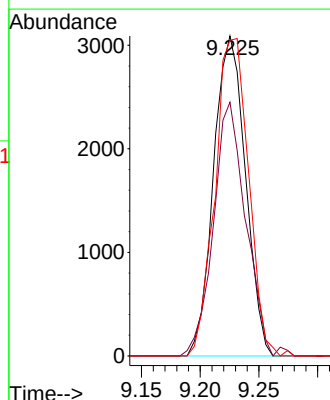
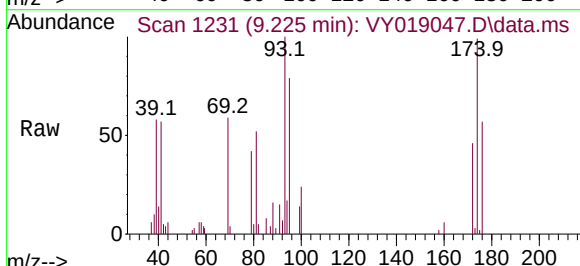
Tgt Ion: 93 Resp: 5814

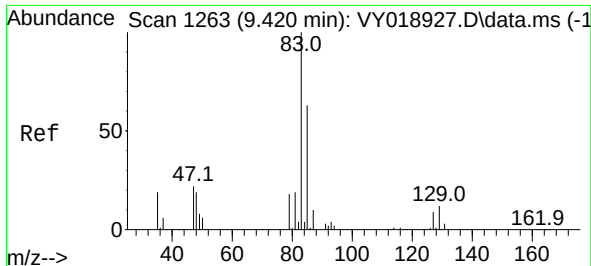
Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.4

174 104.7 80.9 121.3

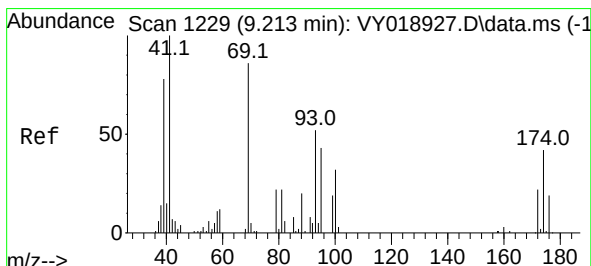
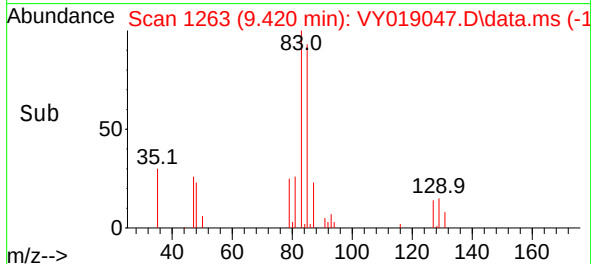
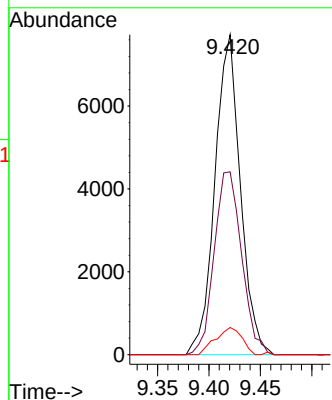
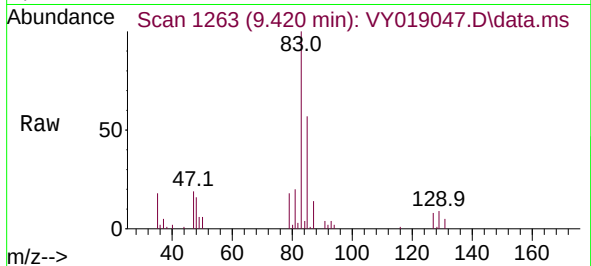




#47
Bromodichloromethane
Concen: 20.501 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

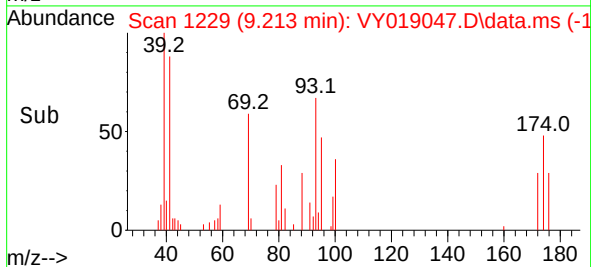
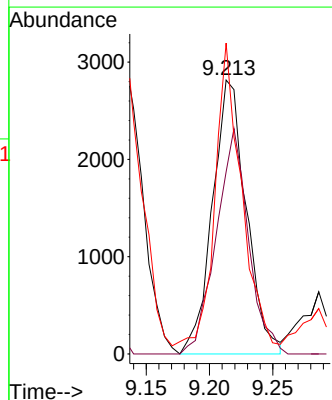
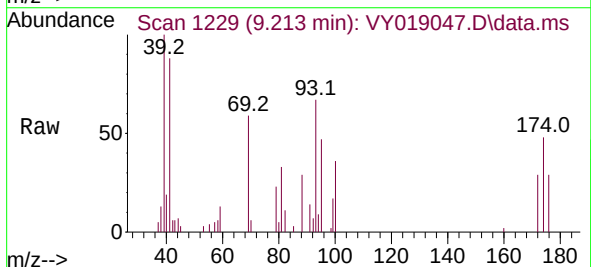
Instrument :
MSVOA_Y
ClientSampleId :

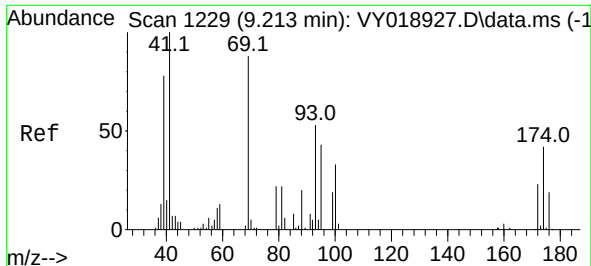
Tgt Ion: 83 Resp: 13291
Ion Ratio Lower Upper
83 100
85 57.1 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 19.980 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

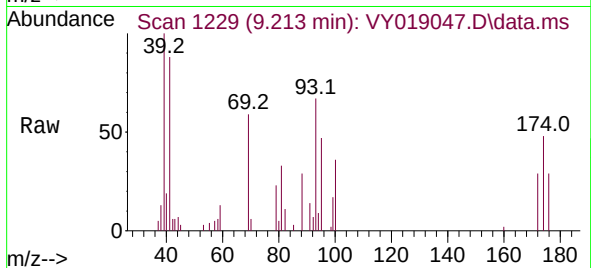
Tgt Ion: 41 Resp: 5229
Ion Ratio Lower Upper
41 100
69 78.2 84.1 126.1#
39 93.2 43.6 65.4#



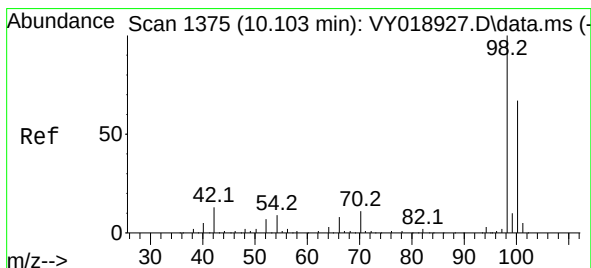
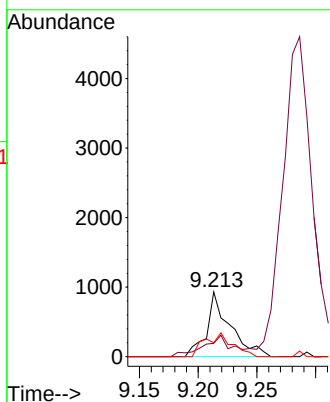
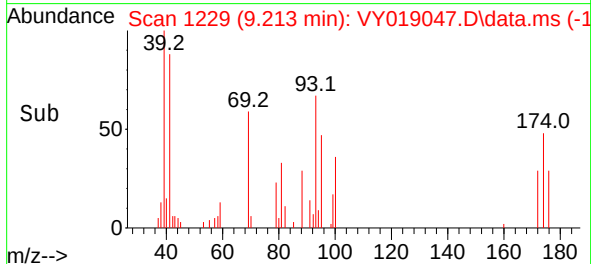


#49
1,4-Dioxane
Concen: 392.291 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

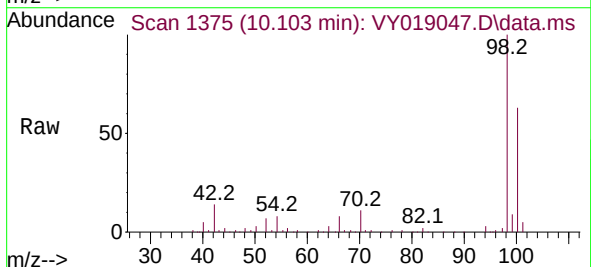
Instrument :
MSVOA_Y
ClientSampleId :



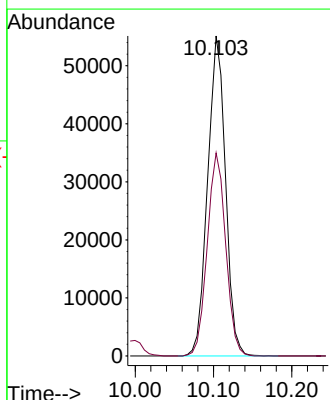
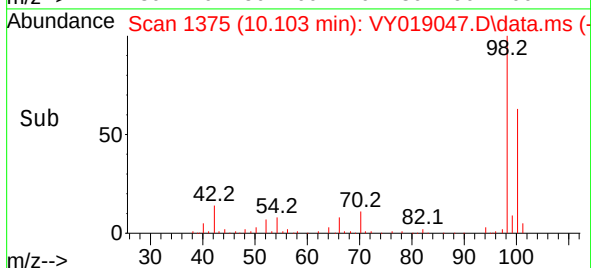
Tgt Ion: 88 Resp: 1284
Ion Ratio Lower Upper
88 100
43 38.9 0.0 0.0#
58 43.1 49.3 73.9#

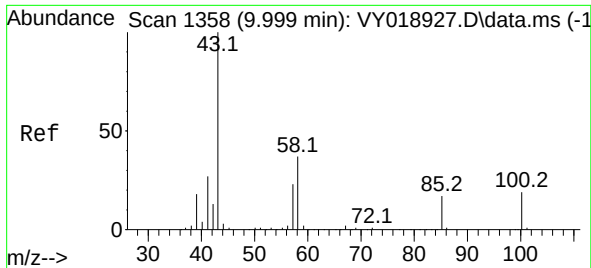


#50
Toluene-d8
Concen: 47.269 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23



Tgt Ion: 98 Resp: 87170
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

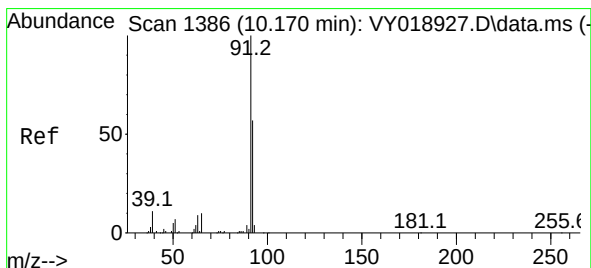
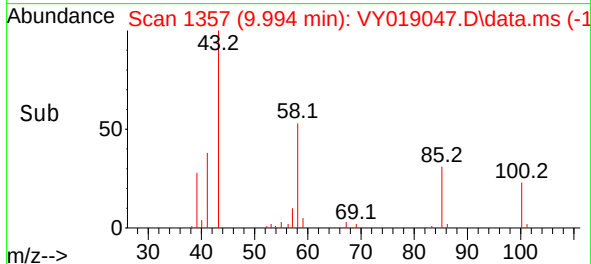
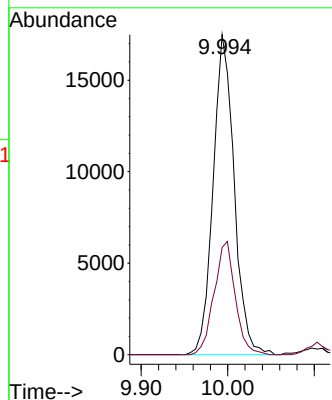
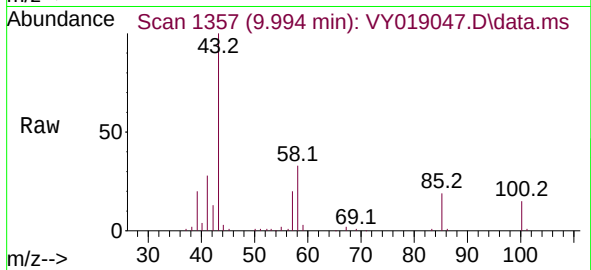




#51
4-Methyl-2-Pentanone
Concen: 95.565 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

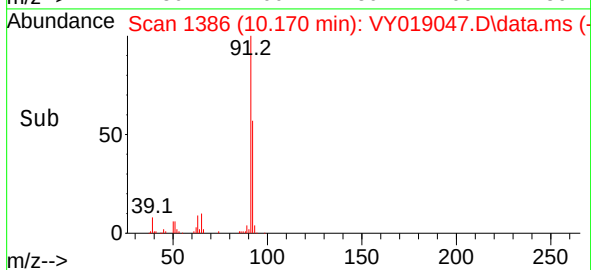
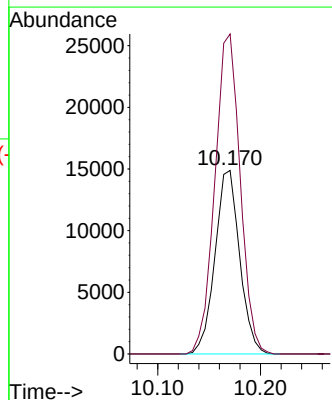
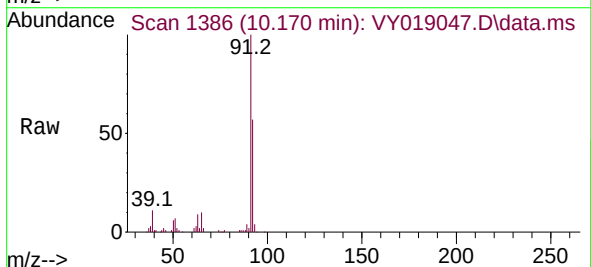
Instrument :
MSVOA_Y
ClientSampleId :

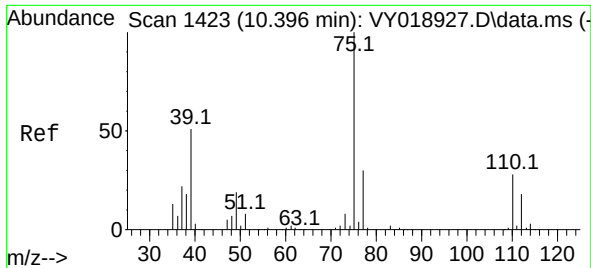
Tgt Ion: 43 Resp: 29526
Ion Ratio Lower Upper
43 100
58 35.6 35.7 53.5#



#52
Toluene
Concen: 19.481 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion: 92 Resp: 24796
Ion Ratio Lower Upper
92 100
91 179.0 139.0 208.6

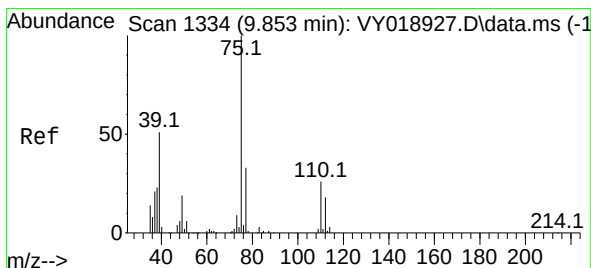
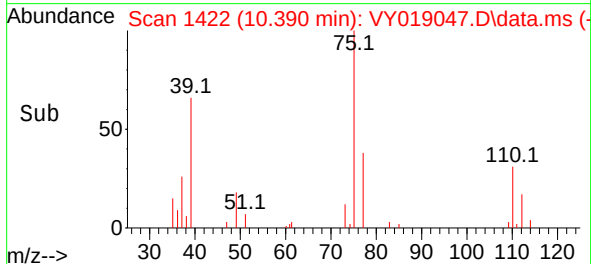
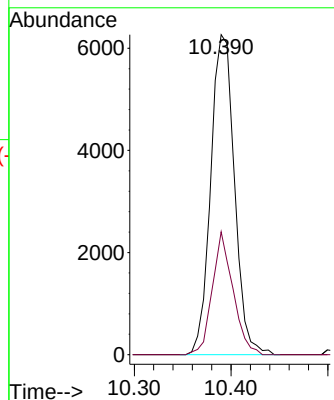
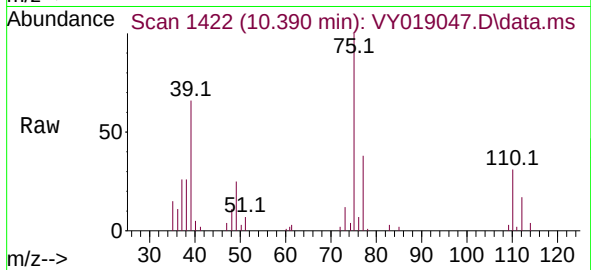




#53
 t-1,3-Dichloropropene
 Concen: 18.483 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY019047.D
 Acq: 14 Aug 2024 10:23

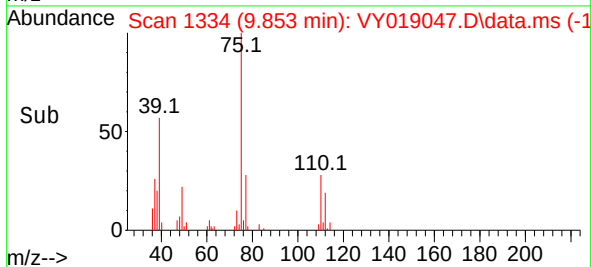
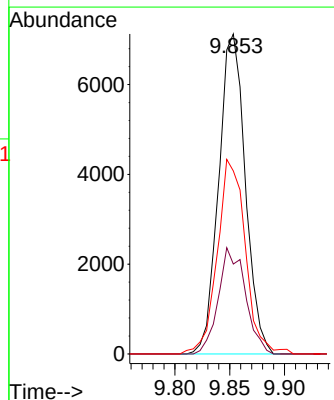
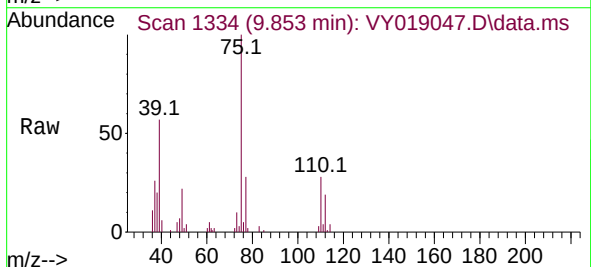
Instrument :
 MSVOA_Y
 ClientSampleId :

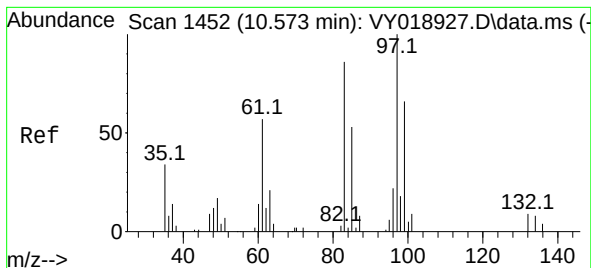
Tgt Ion: 75 Resp: 10686
 Ion Ratio Lower Upper
 75 100
 77 38.4 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 17.536 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY019047.D
 Acq: 14 Aug 2024 10:23

Tgt Ion: 75 Resp: 12043
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.4 38.0
 39 57.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.513 ug/l

RT: 10.567 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 6979

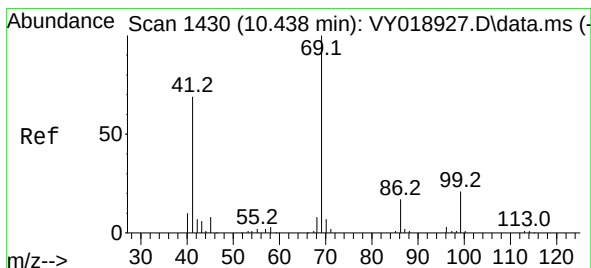
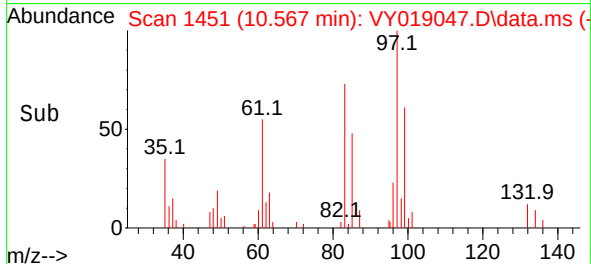
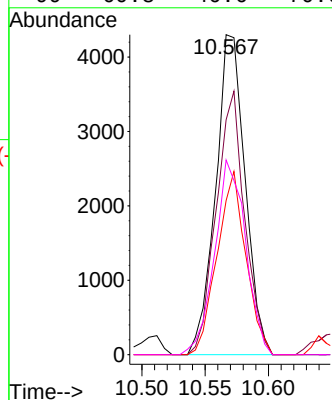
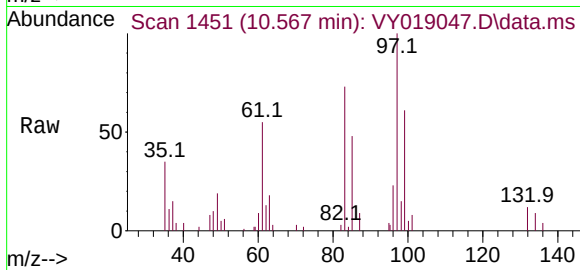
Ion Ratio Lower Upper

97 100

83 73.4 67.5 101.3

85 48.1 42.9 64.3

99 60.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.894 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

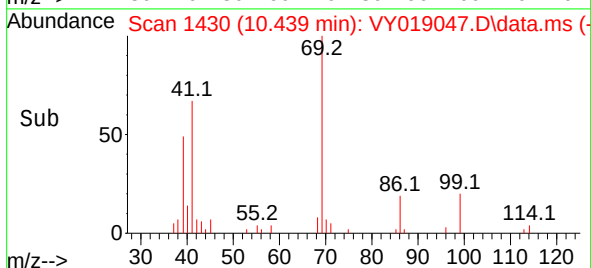
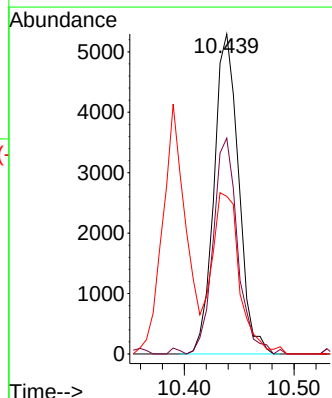
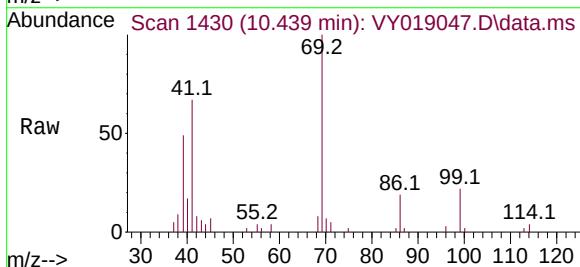
Tgt Ion: 69 Resp: 8243

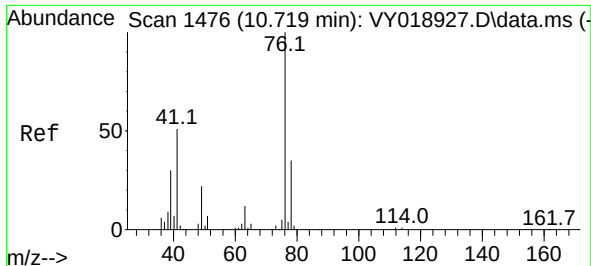
Ion Ratio Lower Upper

69 100

41 67.3 42.3 63.5#

39 56.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.183 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

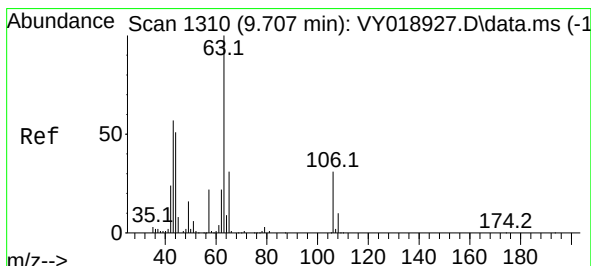
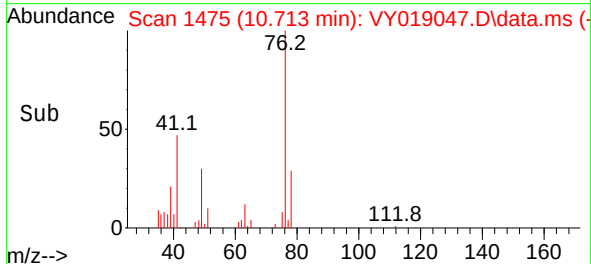
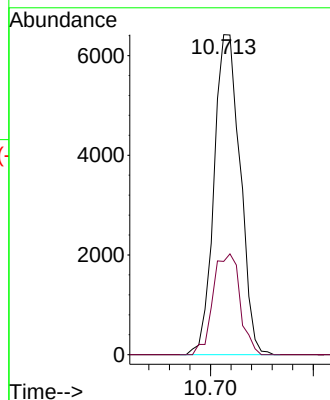
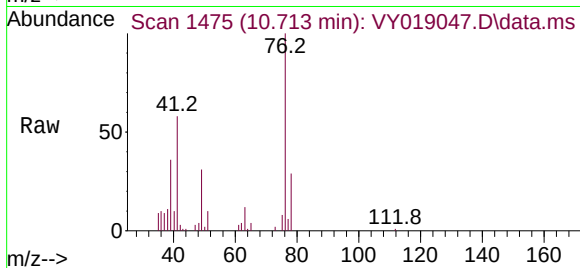
ClientSampleId :

Tgt Ion: 76 Resp: 11306

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.174 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY019047.D

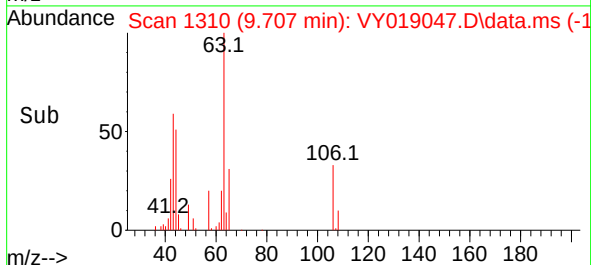
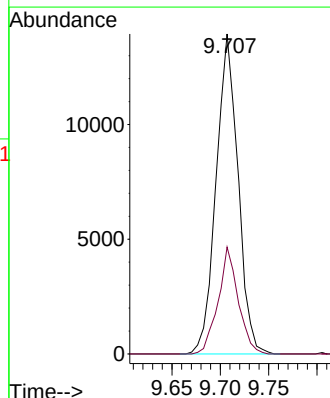
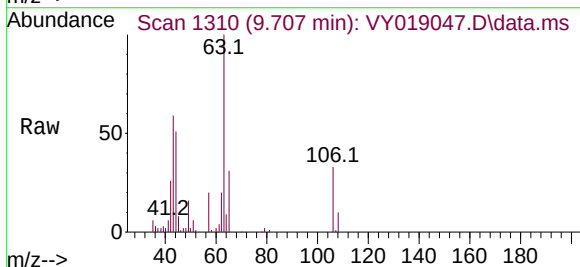
Acq: 14 Aug 2024 10:23

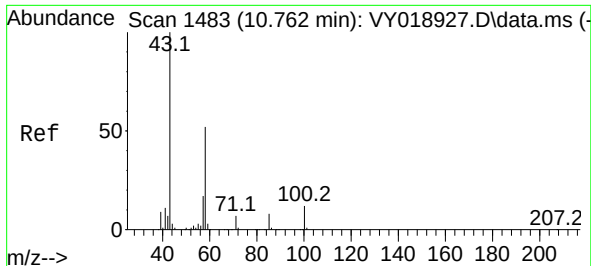
Tgt Ion: 63 Resp: 21890

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5





#59

2-Hexanone

Concen: 94.013 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

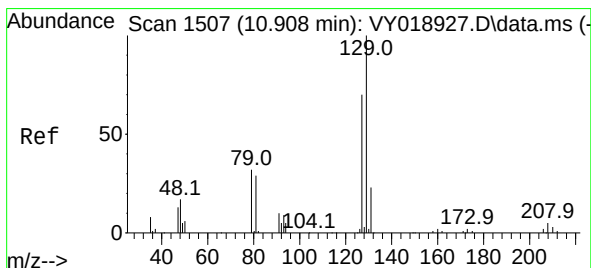
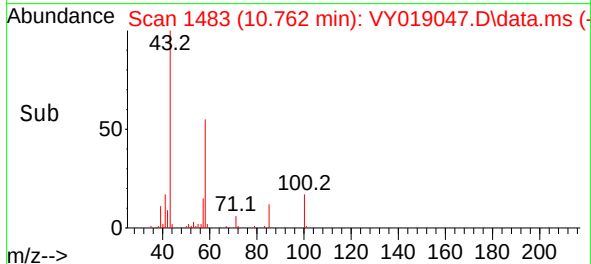
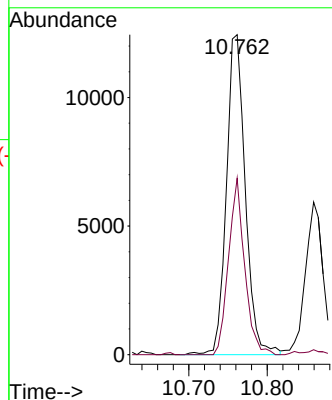
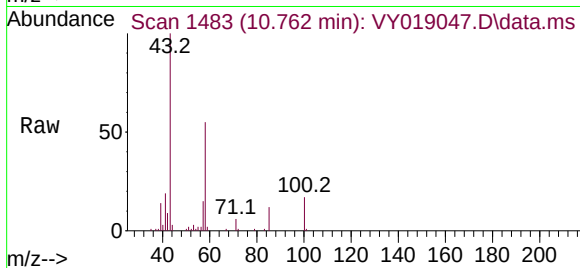
ClientSampleId :

Tgt Ion: 43 Resp: 20836

Ion Ratio Lower Upper

43 100

58 47.2 31.4 94.0



#60

Dibromochloromethane

Concen: 21.632 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019047.D

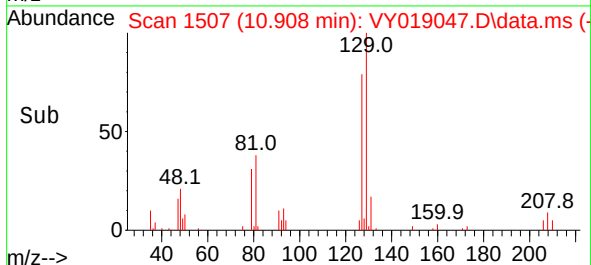
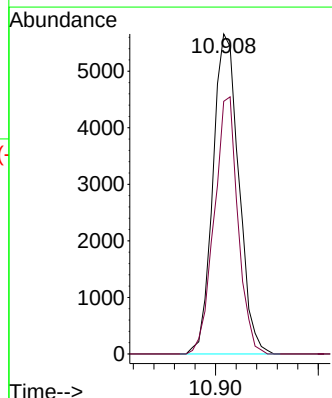
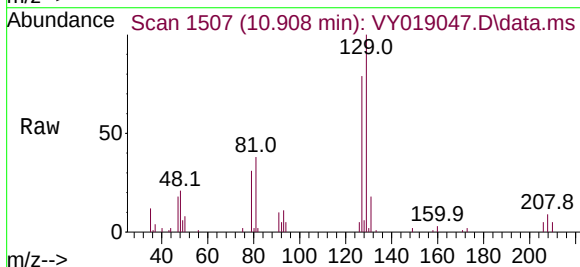
Acq: 14 Aug 2024 10:23

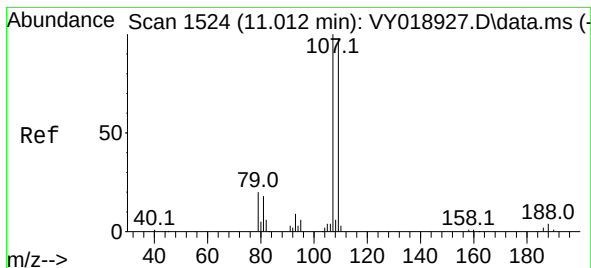
Tgt Ion: 129 Resp: 9867

Ion Ratio Lower Upper

129 100

127 73.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.459 ug/l

RT: 11.012 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

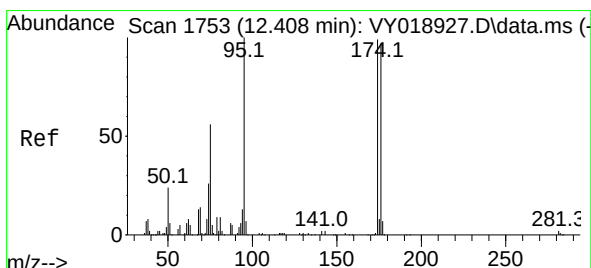
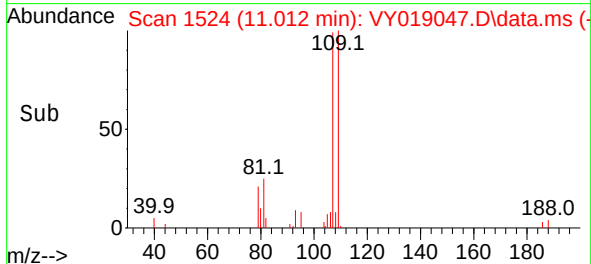
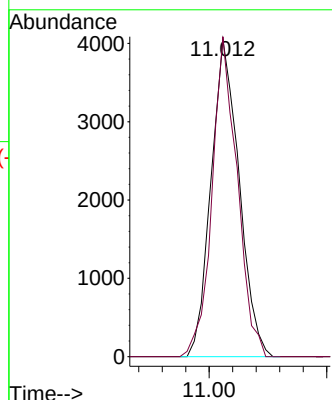
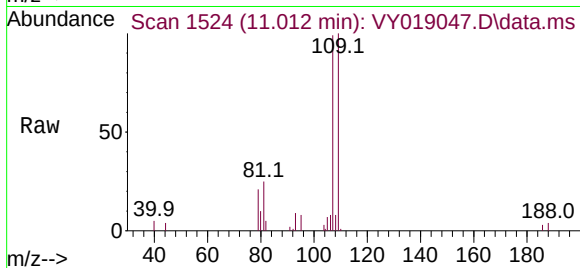
ClientSampleId :

Tgt Ion:107 Resp: 6721

Ion Ratio Lower Upper

107 100

109 90.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 45.936 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

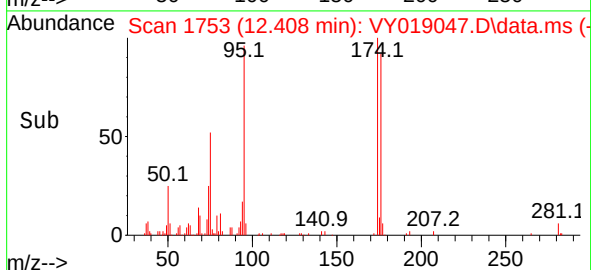
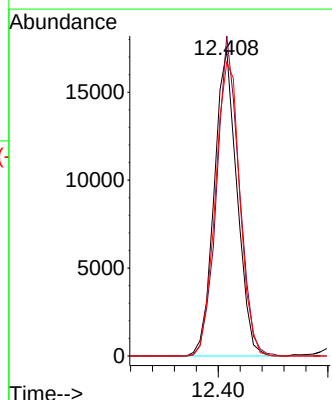
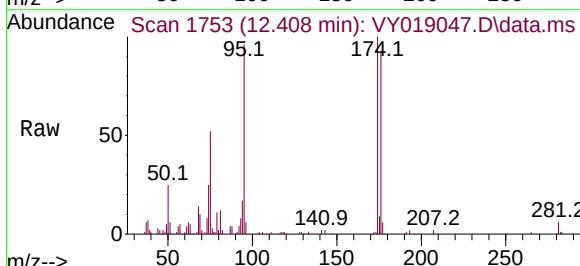
Tgt Ion: 95 Resp: 25132

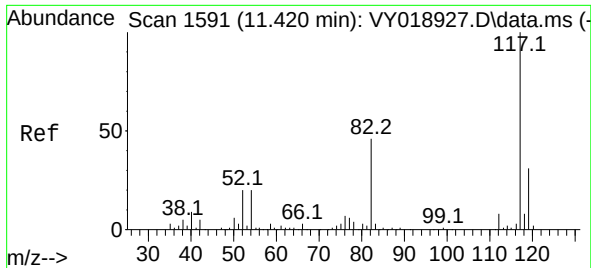
Ion Ratio Lower Upper

95 100

174 102.8 0.0 175.6

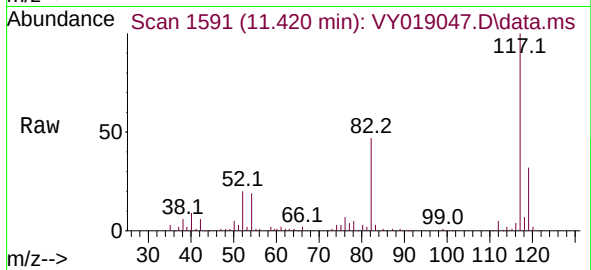
176 103.4 0.0 171.4



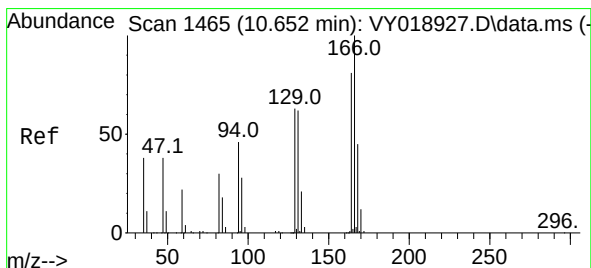
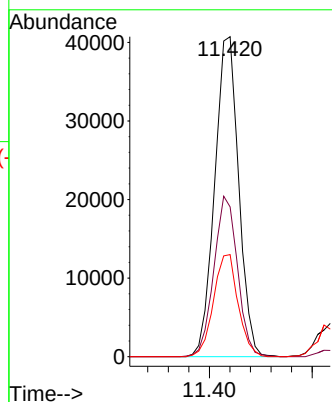
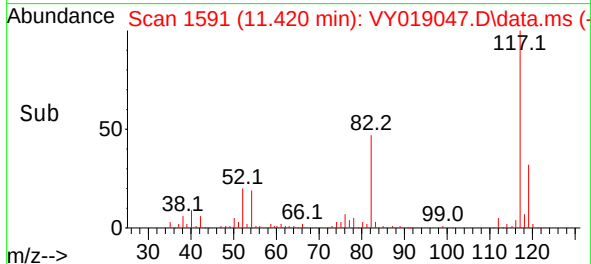


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

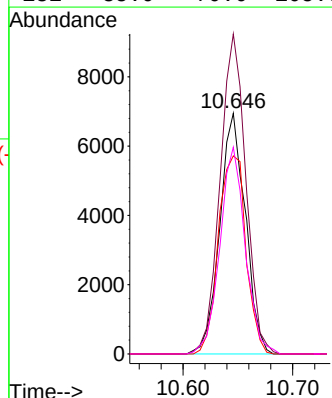
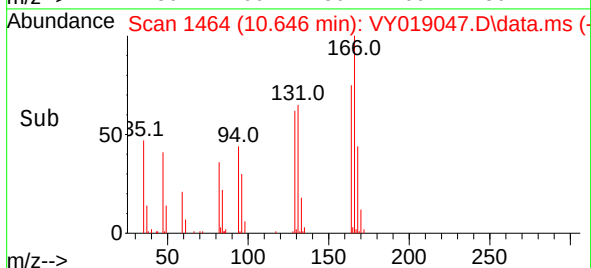
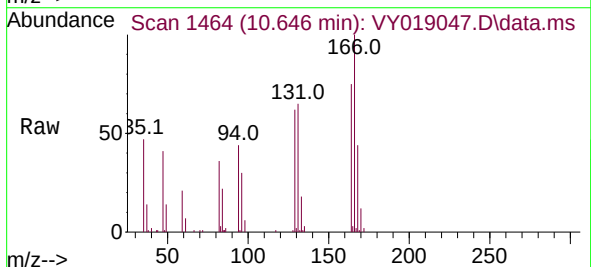


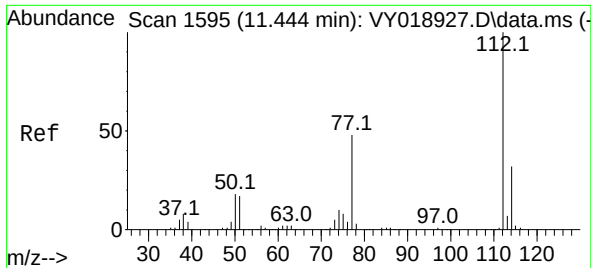
Tgt Ion:117 Resp: 65945
Ion Ratio Lower Upper
117 100
82 46.8 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 20.374 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion:164 Resp: 11263
Ion Ratio Lower Upper
164 100
166 133.0 102.6 154.0
129 82.3 72.0 108.0
131 85.9 70.0 105.0





#65

Chlorobenzene

Concen: 19.745 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

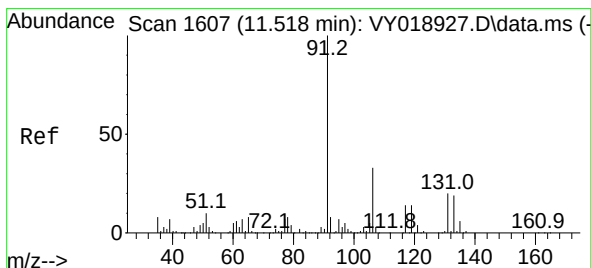
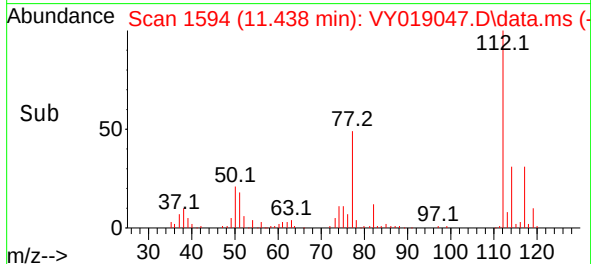
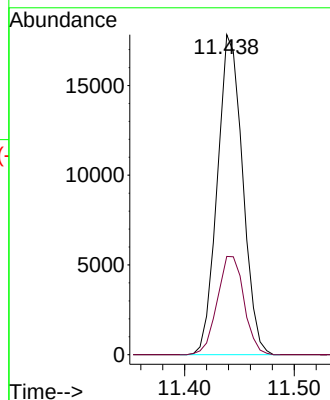
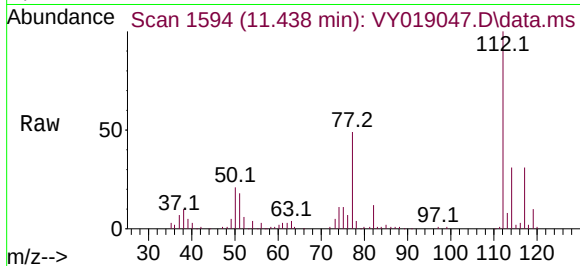
ClientSampleId :

Tgt Ion:112 Resp: 28589

Ion Ratio Lower Upper

112 100

114 30.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.916 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

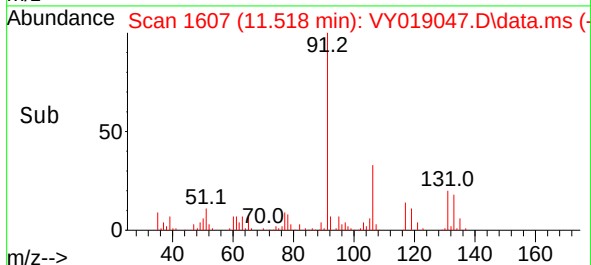
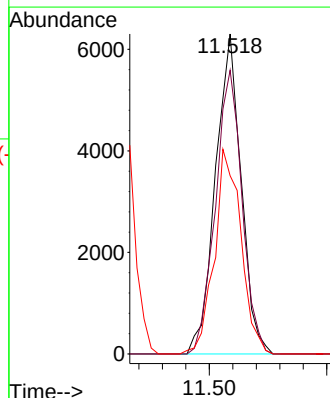
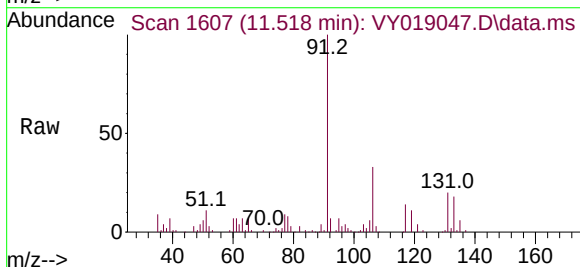
Tgt Ion:131 Resp: 9580

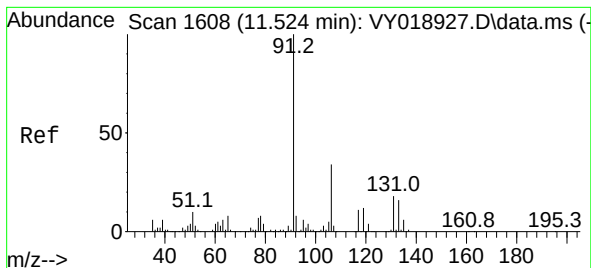
Ion Ratio Lower Upper

131 100

133 92.0 47.8 143.3

119 66.0 34.1 102.2





#67

Ethyl Benzene

Concen: 18.764 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

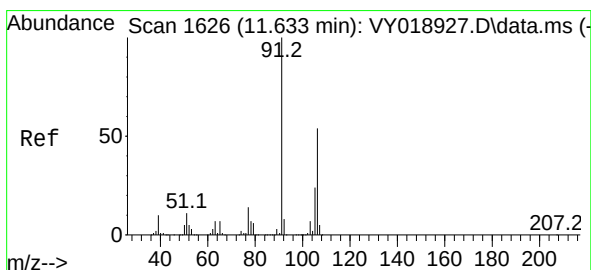
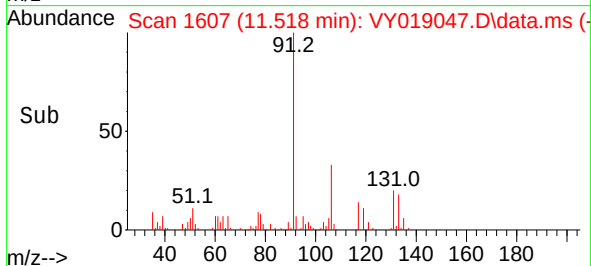
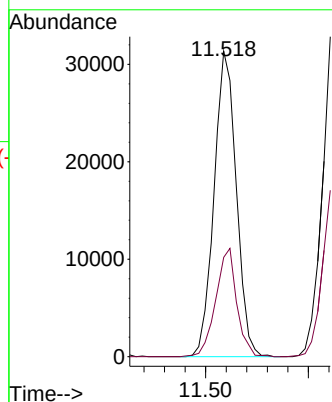
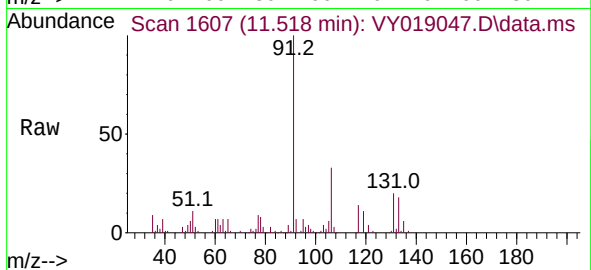
ClientSampleId :

Tgt Ion: 91 Resp: 47038

Ion Ratio Lower Upper

91 100

106 32.5 24.5 36.7



#68

m/p-Xylenes

Concen: 36.776 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019047.D

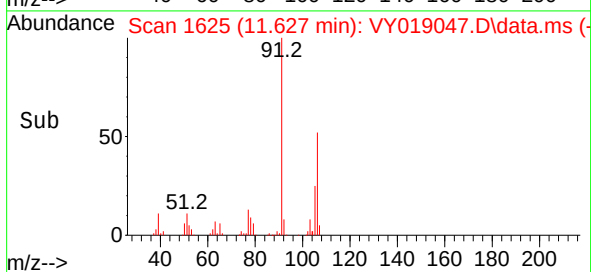
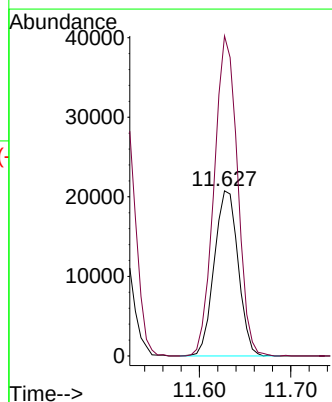
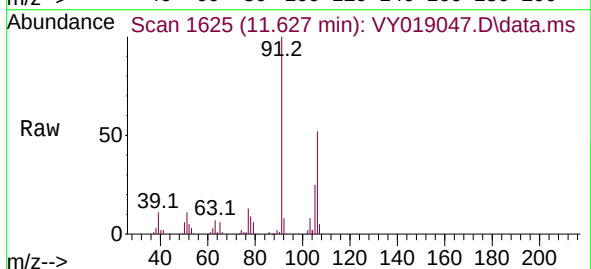
Acq: 14 Aug 2024 10:23

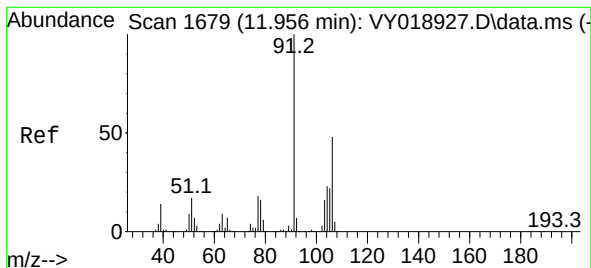
Tgt Ion:106 Resp: 37803

Ion Ratio Lower Upper

106 100

91 189.2 156.0 234.0





#69

o-Xylene

Concen: 19.041 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

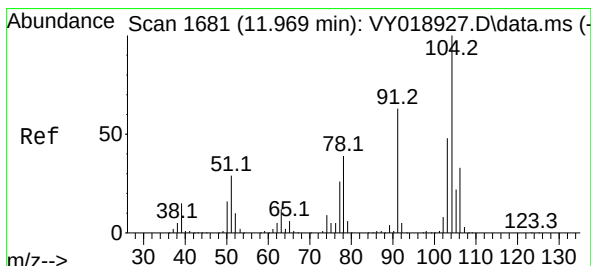
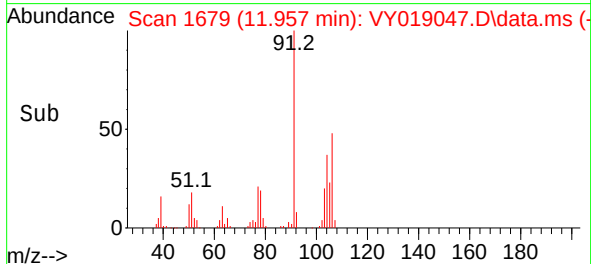
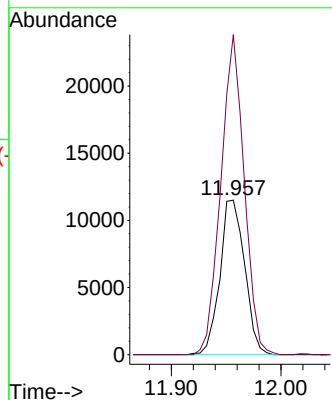
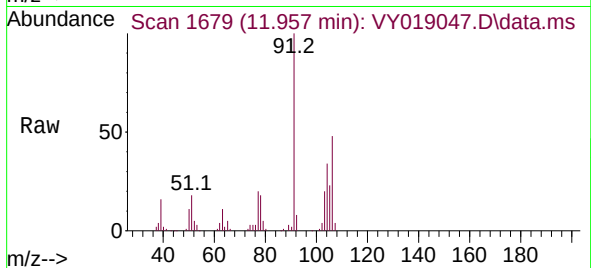
ClientSampleId :

Tgt Ion:106 Resp: 18064

Ion Ratio Lower Upper

106 100

91 195.1 103.6 310.8



#70

Styrene

Concen: 19.872 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

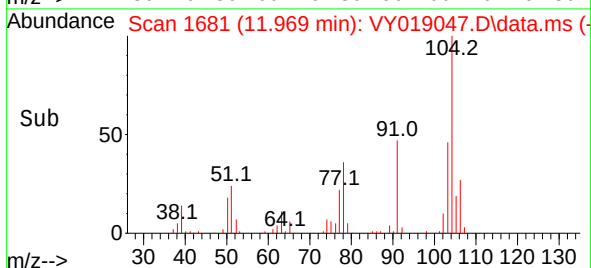
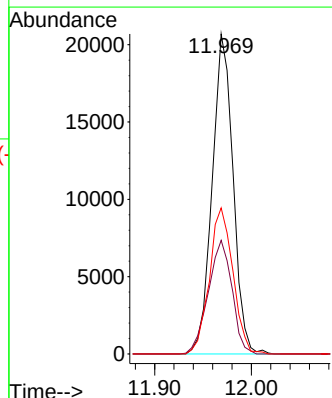
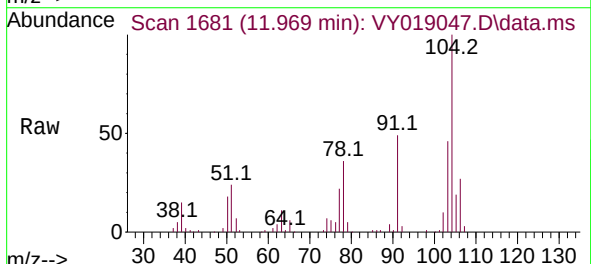
Tgt Ion:104 Resp: 31052

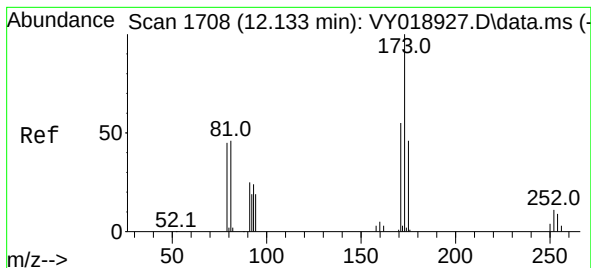
Ion Ratio Lower Upper

104 100

78 40.2 37.0 55.4

103 51.5 44.2 66.2





#71

Bromoform

Concen: 21.279 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

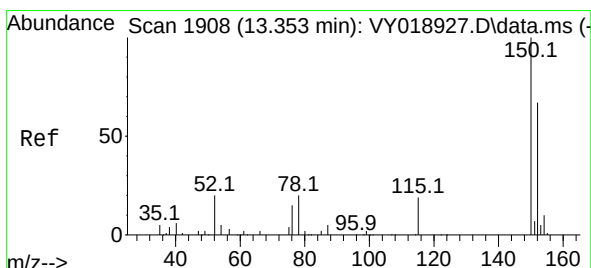
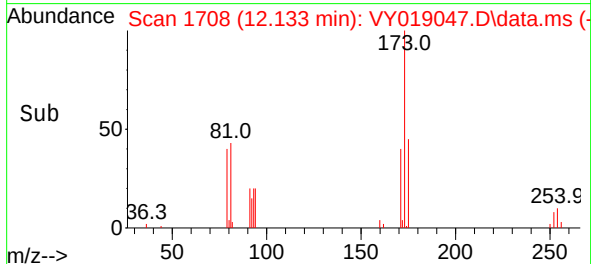
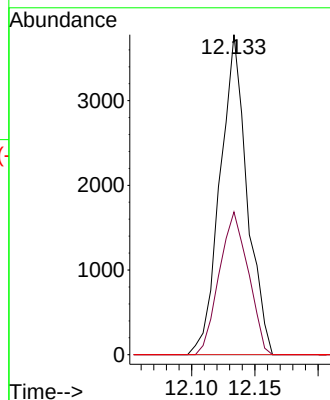
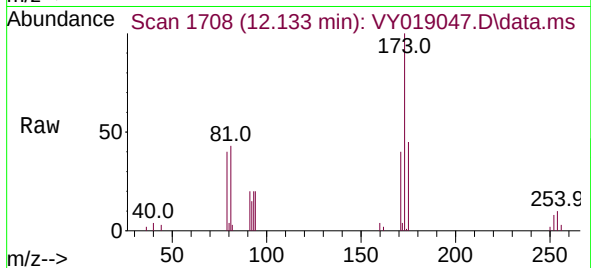
Tgt Ion:173 Resp: 5604

Ion Ratio Lower Upper

173 100

175 47.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

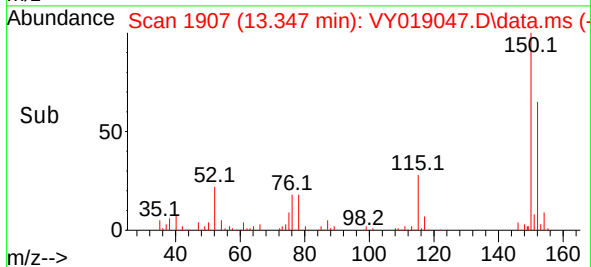
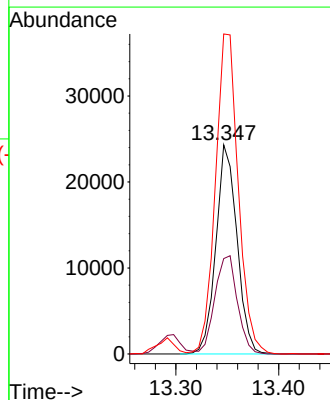
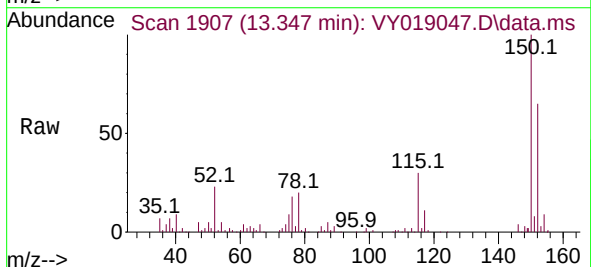
Tgt Ion:152 Resp: 34579

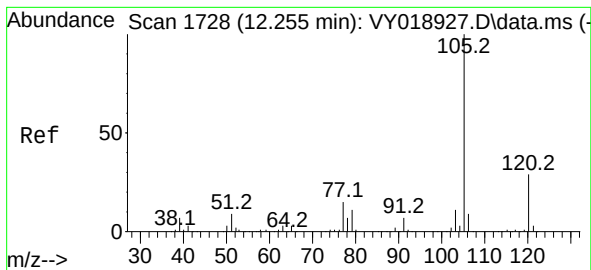
Ion Ratio Lower Upper

152 100

115 50.1 28.2 84.7

150 166.1 0.0 345.6





#73

Isopropylbenzene

Concen: 17.971 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

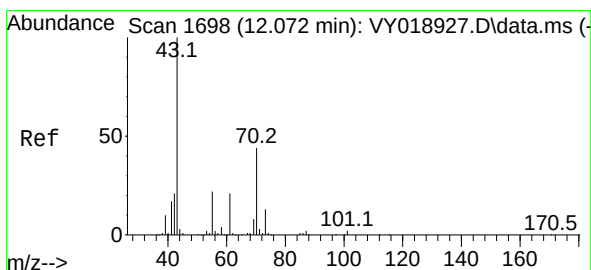
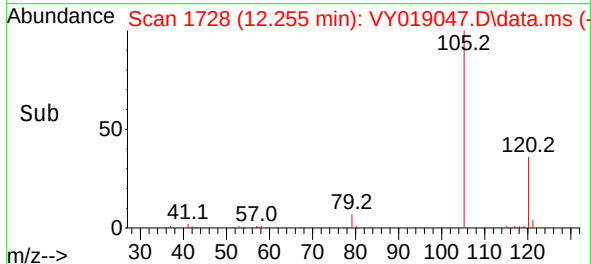
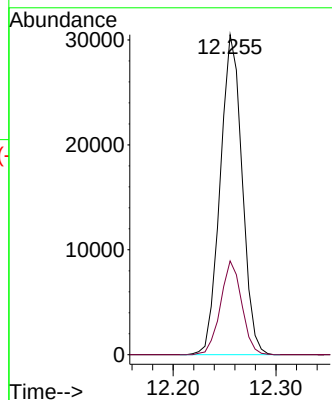
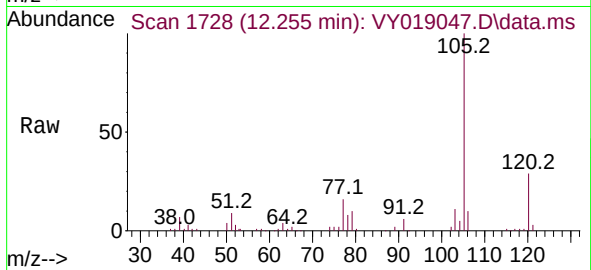
ClientSampleId :

Tgt Ion:105 Resp: 45106

Ion Ratio Lower Upper

105 100

120 28.3 13.4 40.1



#74

N-ethyl acetate

Concen: 16.849 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Tgt Ion: 43 Resp: 9759

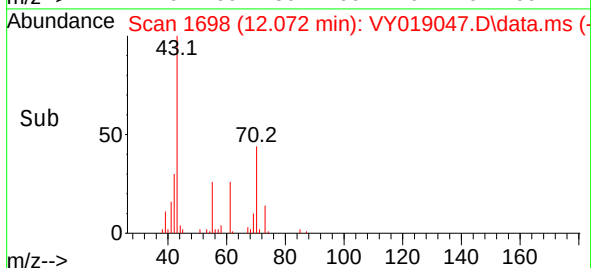
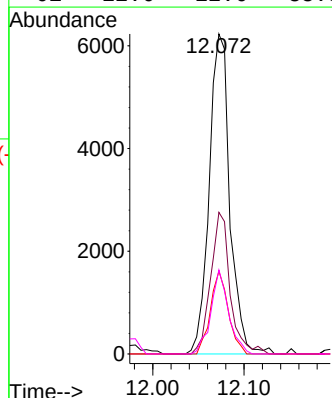
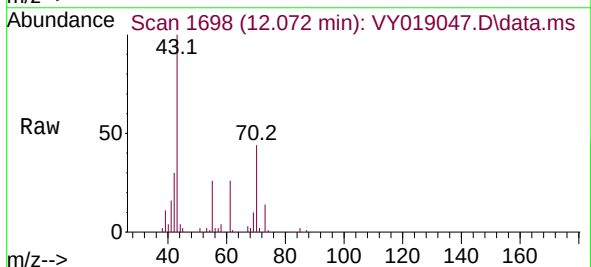
Ion Ratio Lower Upper

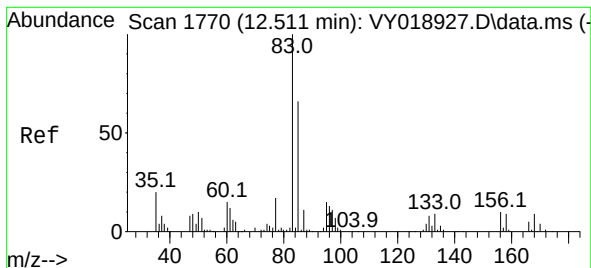
43 100

70 41.9 41.4 62.2

55 22.4 23.3 34.9#

61 22.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.486 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

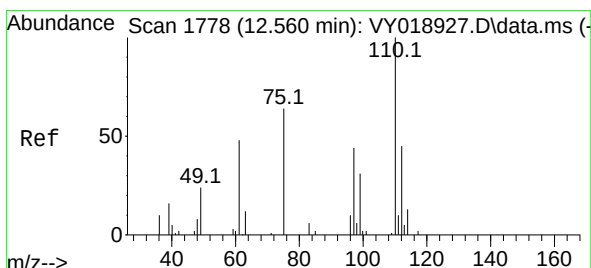
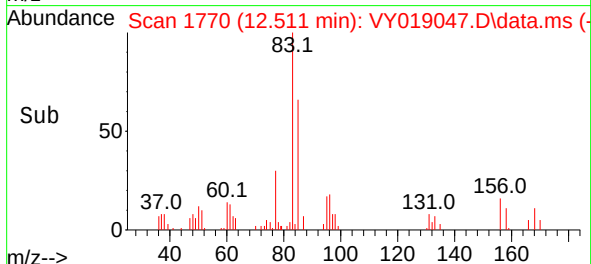
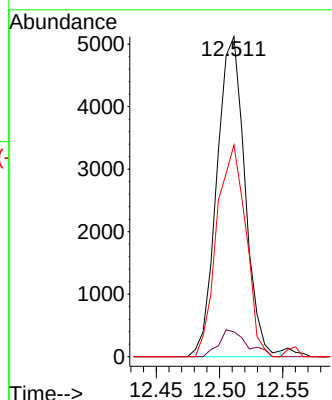
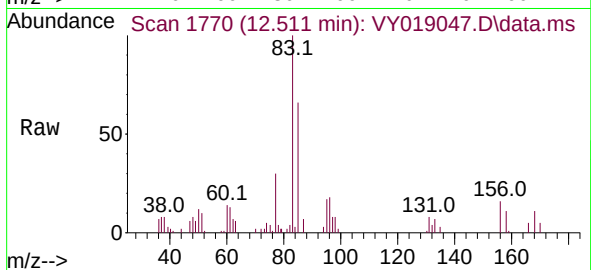
Tgt Ion: 83 Resp: 7893

Ion Ratio Lower Upper

83 100

131 8.4 5.0 14.9

85 68.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.612 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019047.D

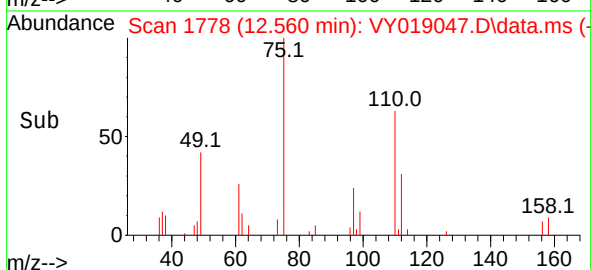
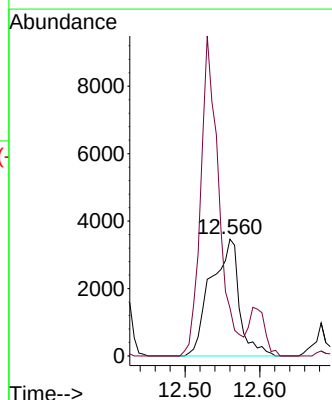
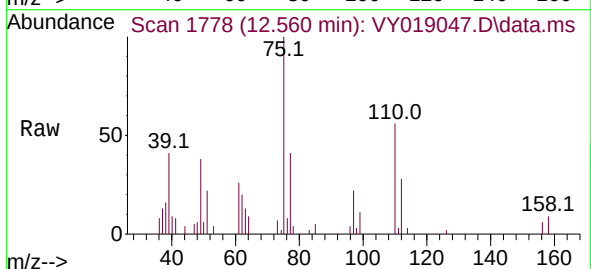
Acq: 14 Aug 2024 10:23

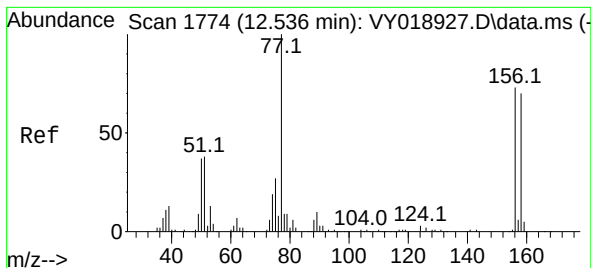
Tgt Ion: 75 Resp: 9174

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.614 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

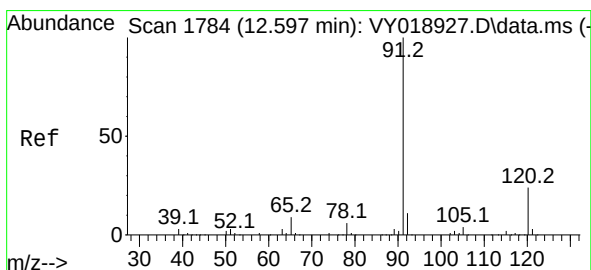
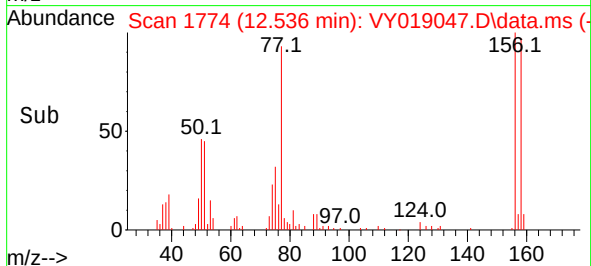
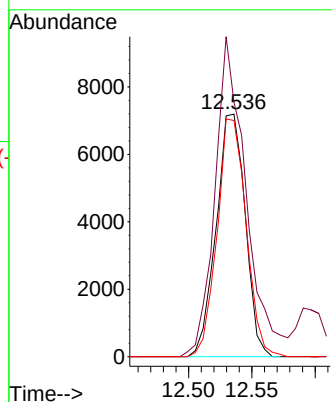
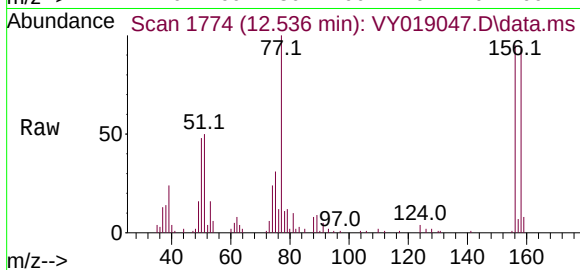
Tgt Ion:156 Resp: 11469

Ion Ratio Lower Upper

156 100

77 140.8 87.1 261.3

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 18.213 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019047.D

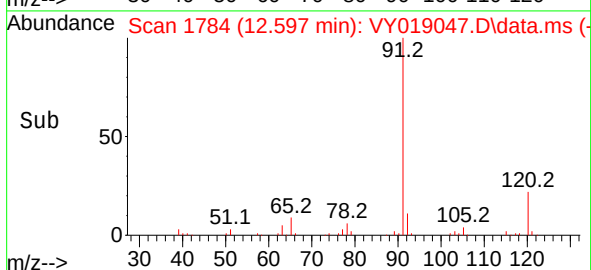
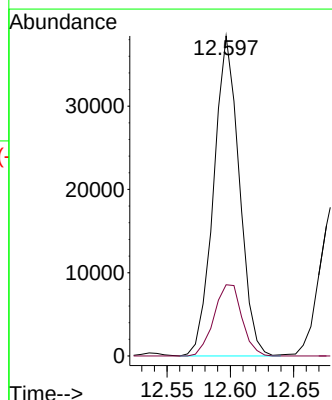
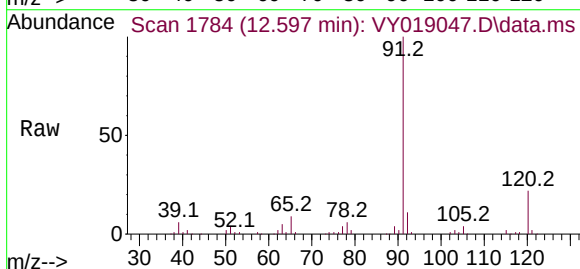
Acq: 14 Aug 2024 10:23

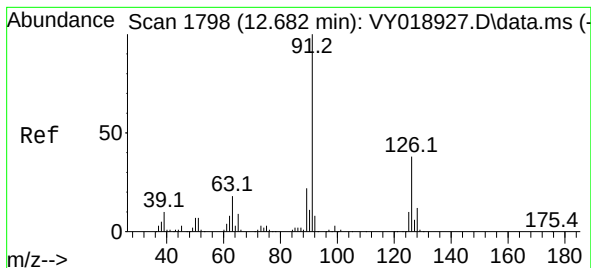
Tgt Ion: 91 Resp: 54107

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.540 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

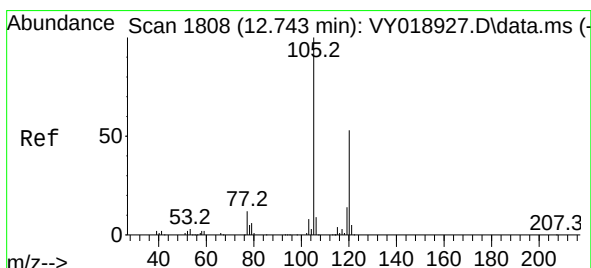
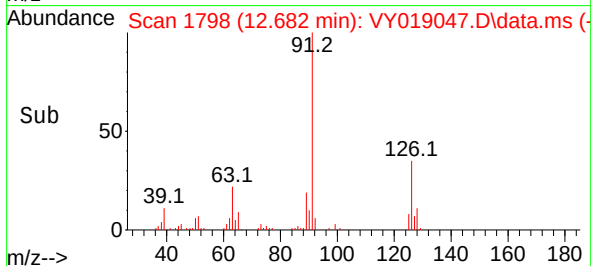
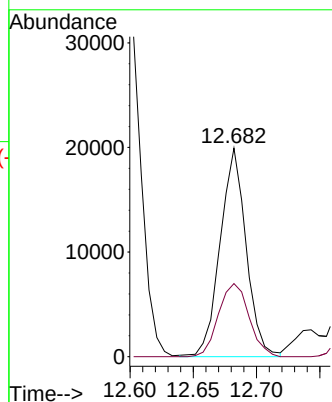
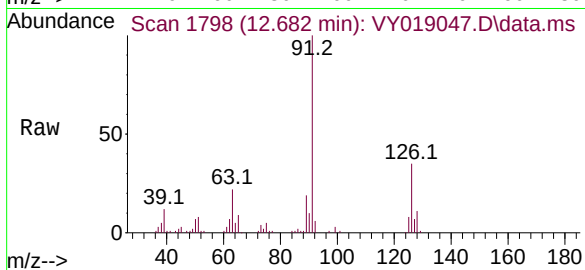
ClientSampleId :

Tgt Ion: 91 Resp: 28515

Ion Ratio Lower Upper

91 100

126 41.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 17.882 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY019047.D

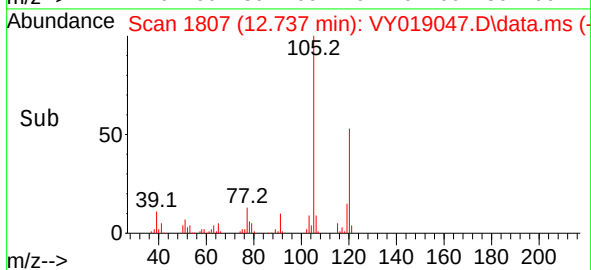
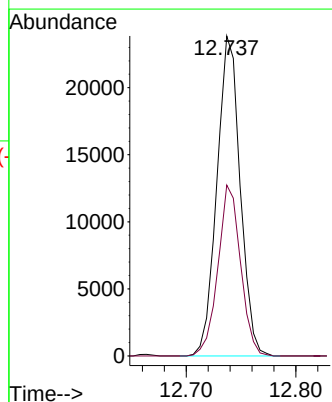
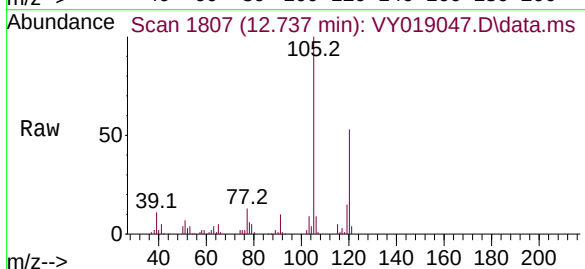
Acq: 14 Aug 2024 10:23

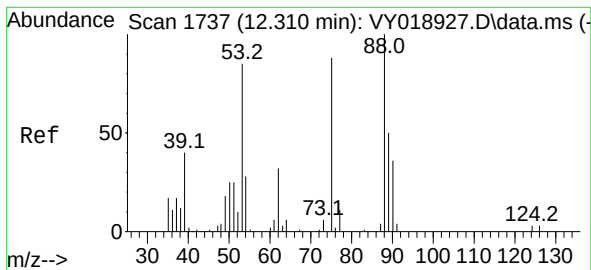
Tgt Ion:105 Resp: 35174

Ion Ratio Lower Upper

105 100

120 51.9 25.1 75.2

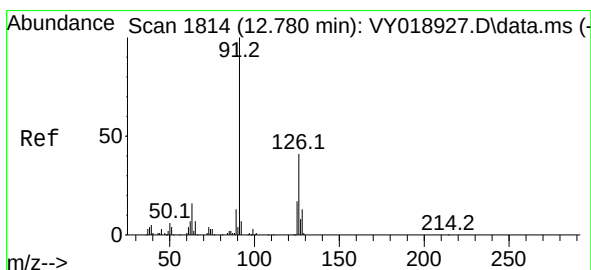
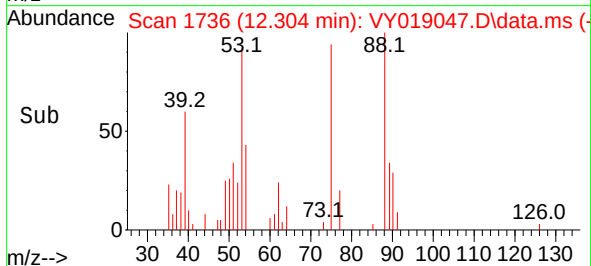
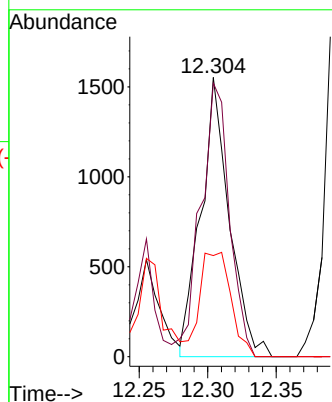
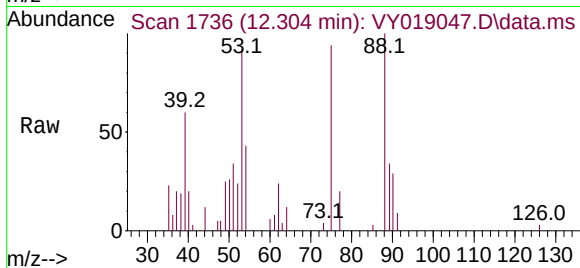




#81
trans-1,4-Dichloro-2-butene
Concen: 17.974 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

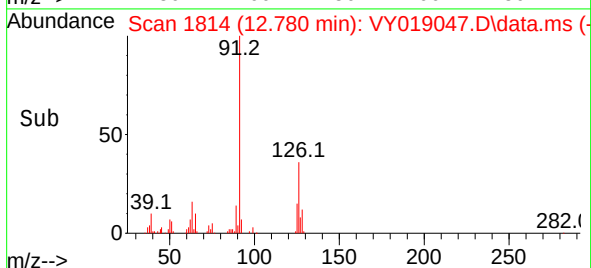
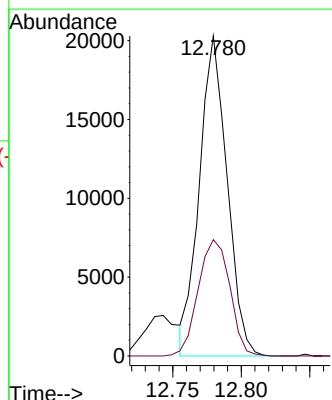
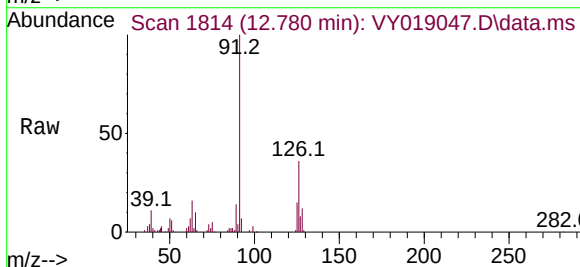
Instrument :
MSVOA_Y
ClientSampleId :

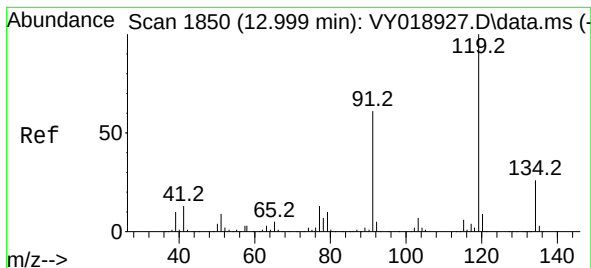
Tgt Ion:	75	Resp:	2247
Ion	Ratio	Lower	Upper
75	100		
53	99.0	66.8	100.2
89	41.5	35.8	53.6



#82
4-Chlorotoluene
Concen: 18.149 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion:	91	Resp:	28577
Ion	Ratio	Lower	Upper
91	100		
126	41.4	17.6	52.9





#83

tert-Butylbenzene

Concen: 17.934 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

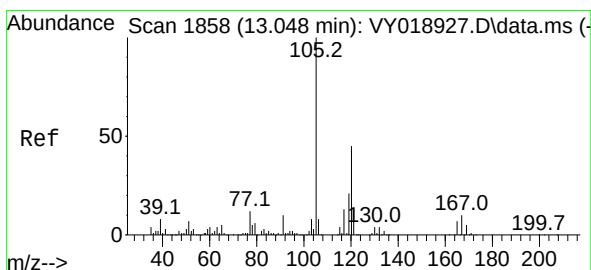
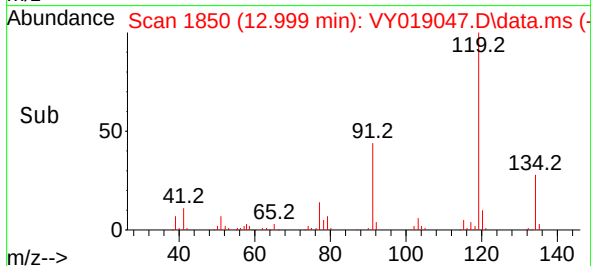
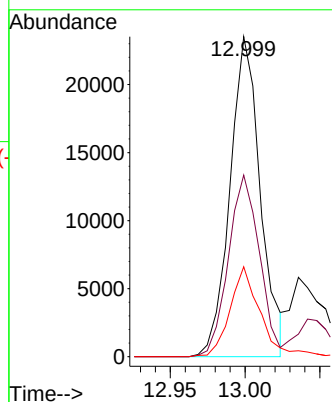
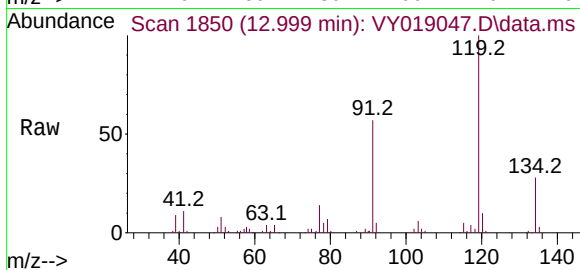
Tgt Ion:119 Resp: 33320

Ion Ratio Lower Upper

119 100

91 57.7 31.3 93.8

134 28.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 17.684 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019047.D

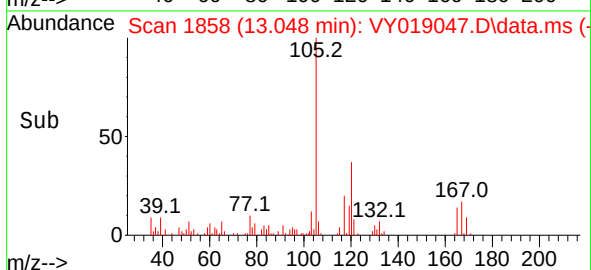
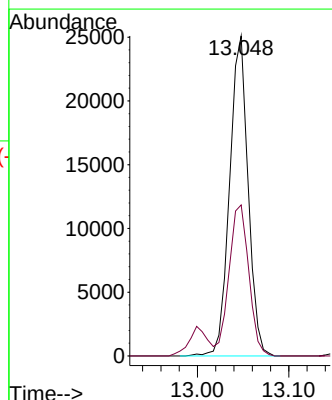
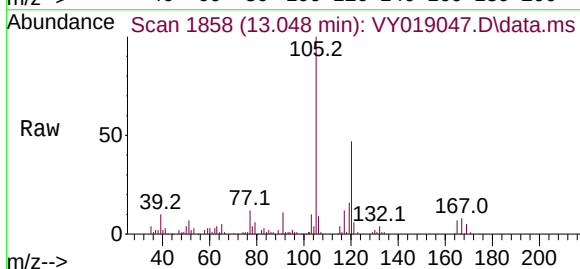
Acq: 14 Aug 2024 10:23

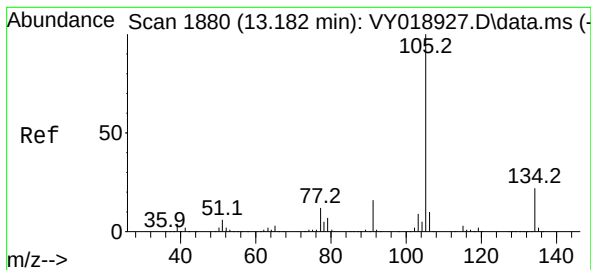
Tgt Ion:105 Resp: 35286

Ion Ratio Lower Upper

105 100

120 50.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.444 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

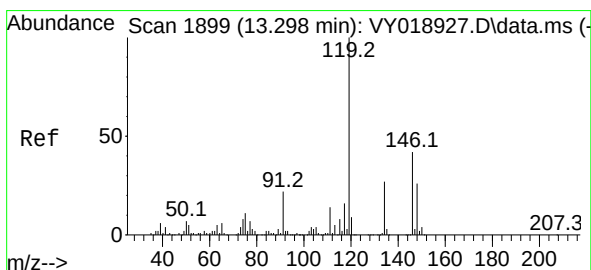
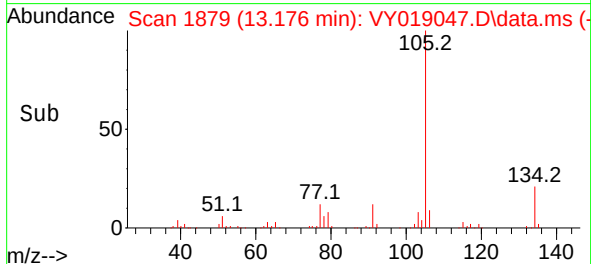
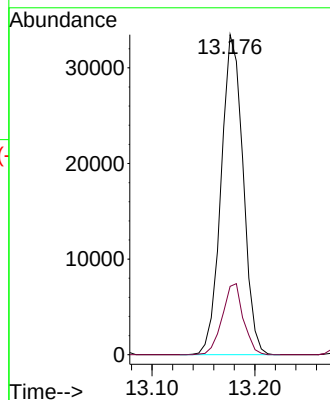
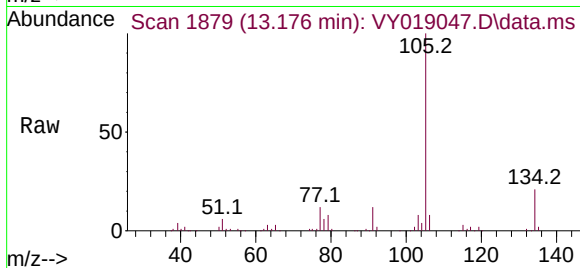
ClientSampleId :

Tgt Ion:105 Resp: 49636

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 17.441 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

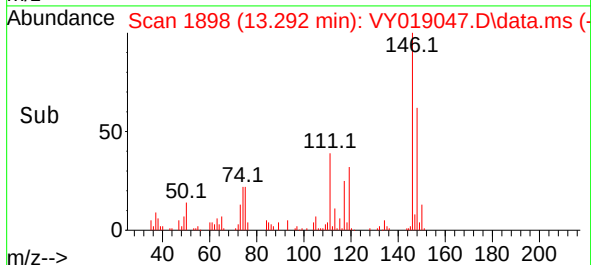
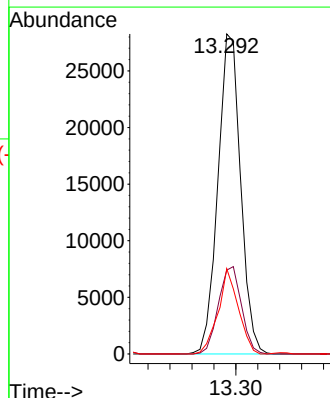
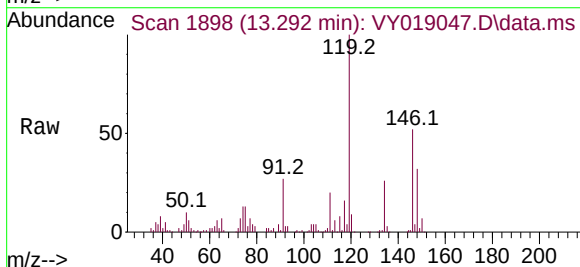
Tgt Ion:119 Resp: 40644

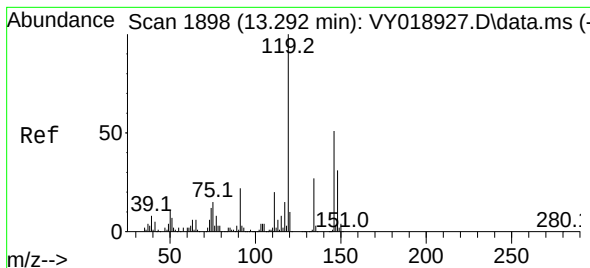
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

91 23.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.256 ug/l

RT: 13.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

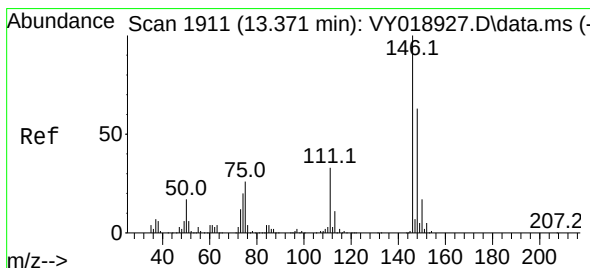
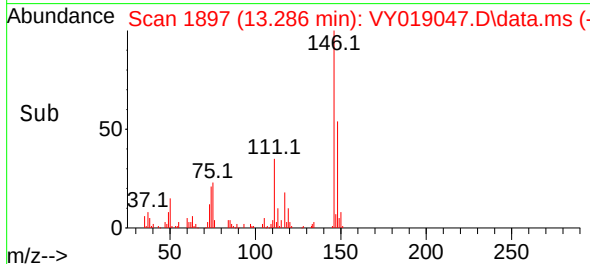
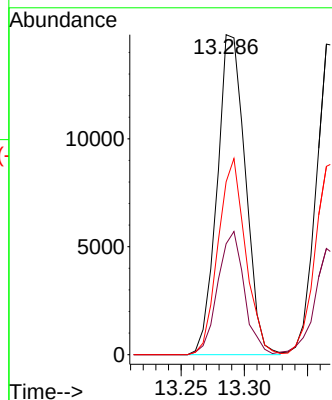
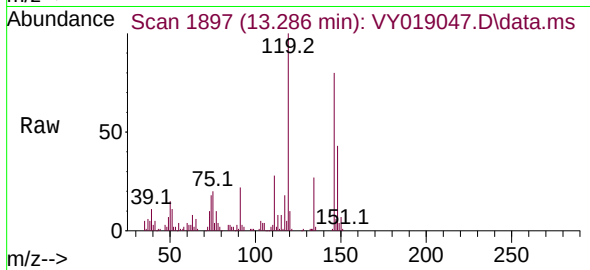
Tgt Ion:146 Resp: 23000

Ion Ratio Lower Upper

146 100

111 36.1 19.0 57.0

148 59.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.691 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

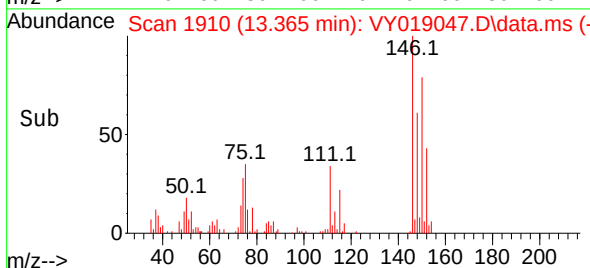
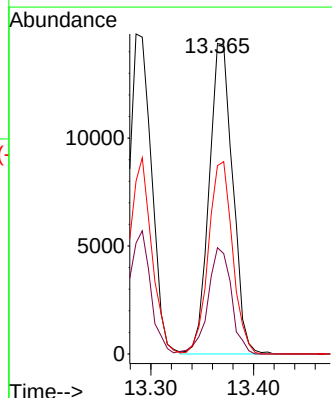
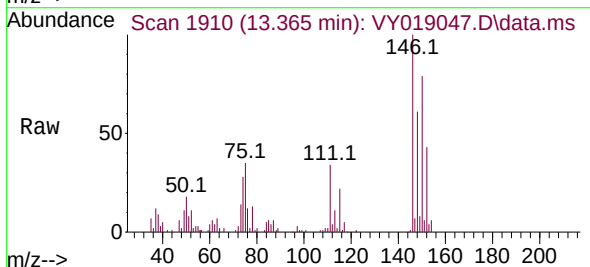
Tgt Ion:146 Resp: 22937

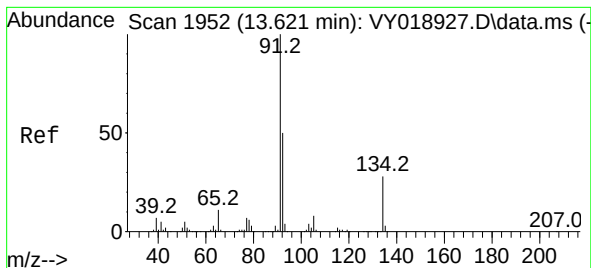
Ion Ratio Lower Upper

146 100

111 34.0 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 18.092 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019047.D

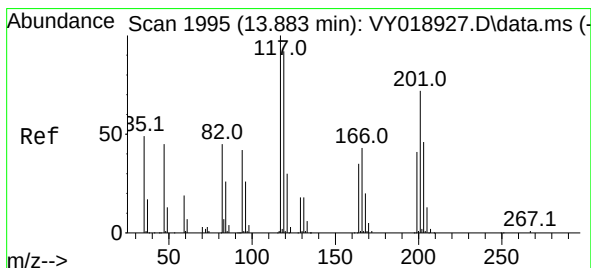
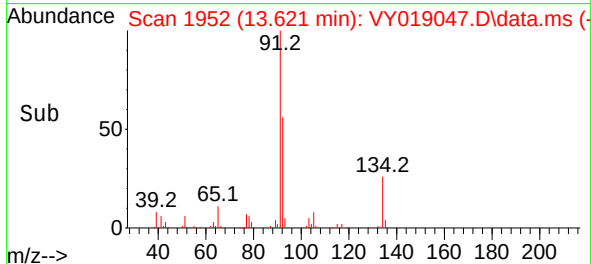
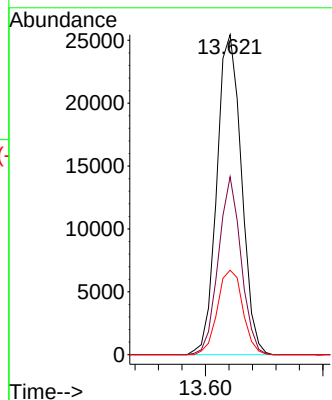
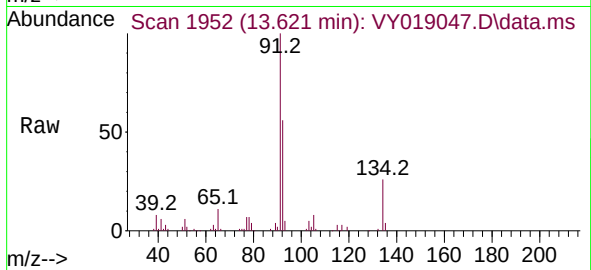
Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp:	37007
Ion Ratio	Lower	Upper
91	100	
92	51.2	26.6 79.7
134	27.2	12.9 38.7



#90

Hexachloroethane

Concen: 19.338 ug/l

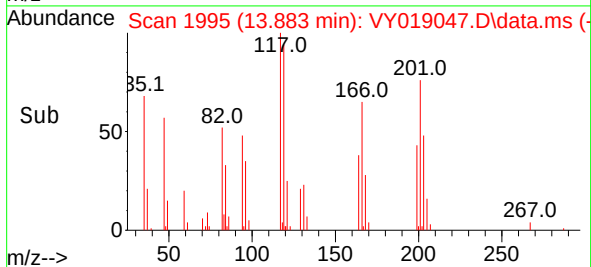
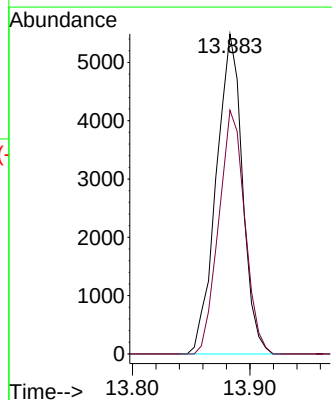
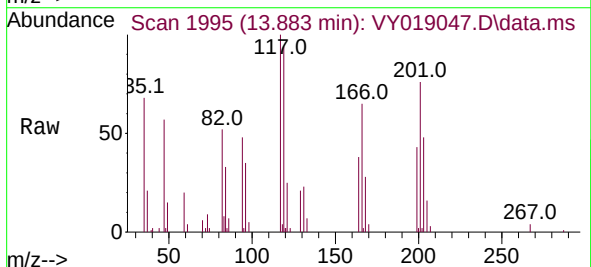
RT: 13.883 min Scan# 1995

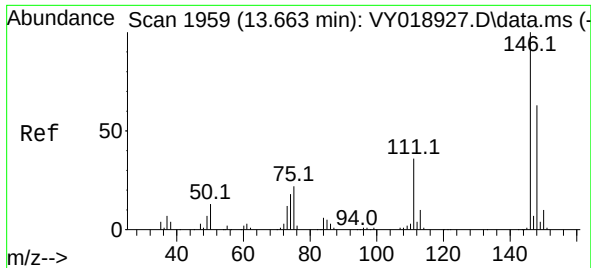
Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Tgt Ion: 117	Resp:	8503
Ion Ratio	Lower	Upper
117	100	
201	75.6	37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.689 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

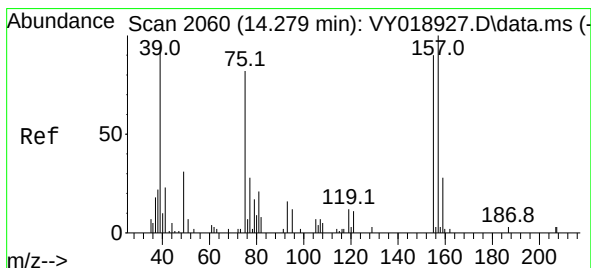
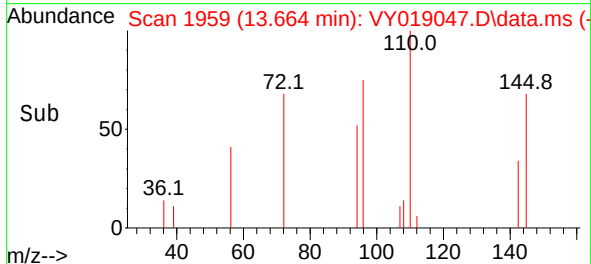
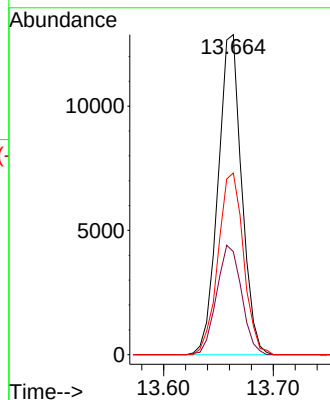
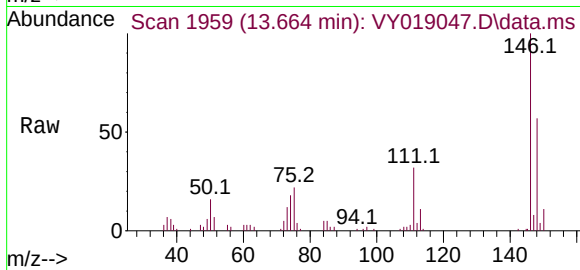
Tgt Ion:146 Resp: 19335

Ion Ratio Lower Upper

146 100

111 36.0 19.9 59.7

148 61.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.642 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

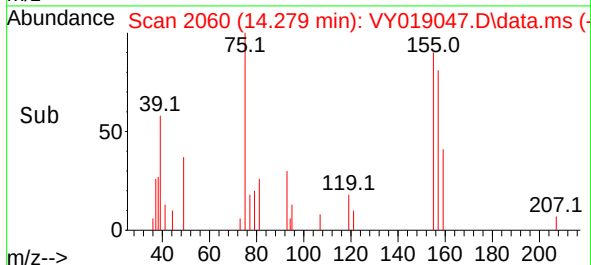
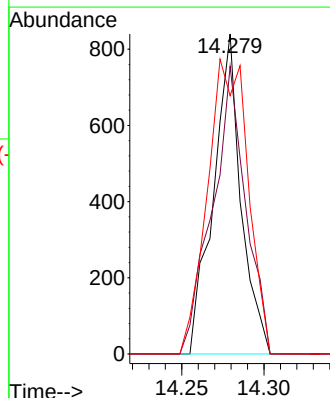
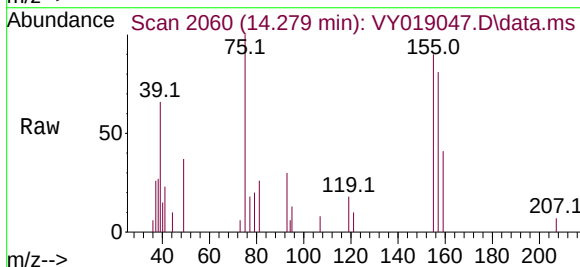
Tgt Ion: 75 Resp: 983

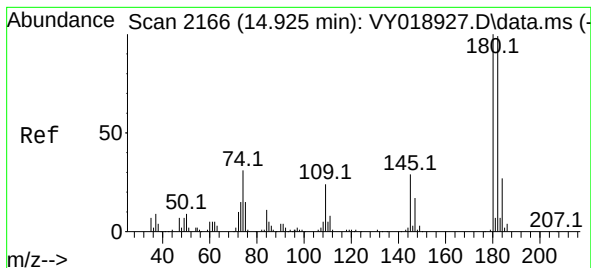
Ion Ratio Lower Upper

75 100

155 108.4 48.6 145.8

157 134.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.144 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

Instrument :

MSVOA_Y

ClientSampleId :

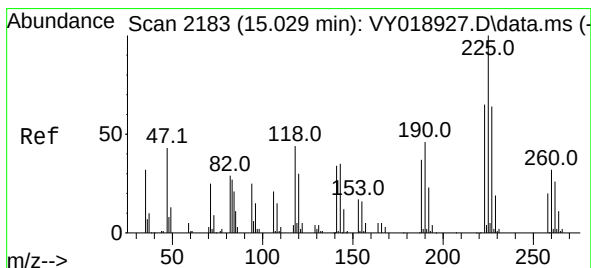
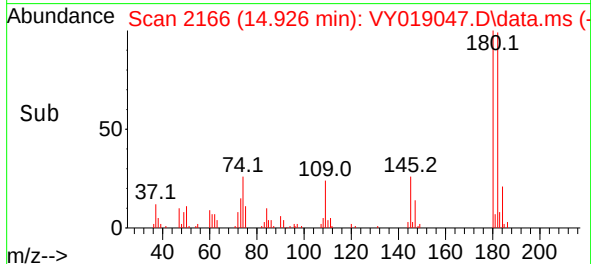
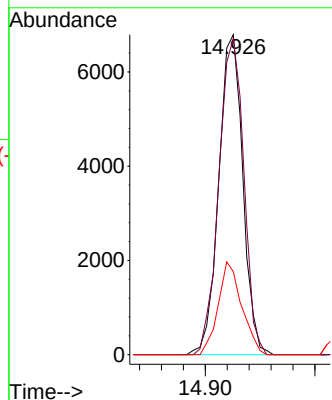
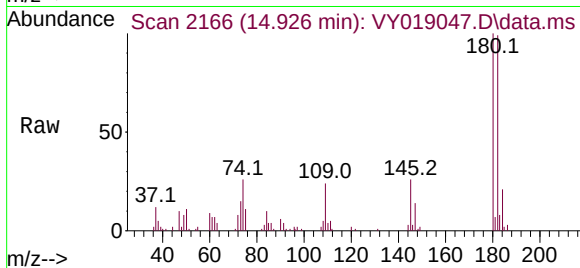
Tgt Ion:180 Resp: 10352

Ion Ratio Lower Upper

180 100

182 102.3 47.9 143.8

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.092 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY019047.D

Acq: 14 Aug 2024 10:23

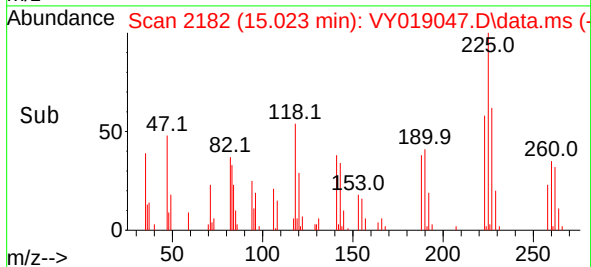
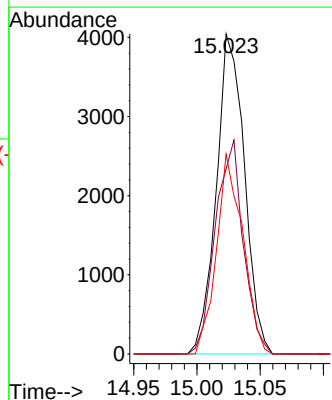
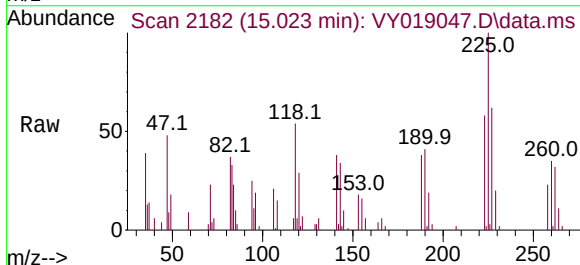
Tgt Ion:225 Resp: 6255

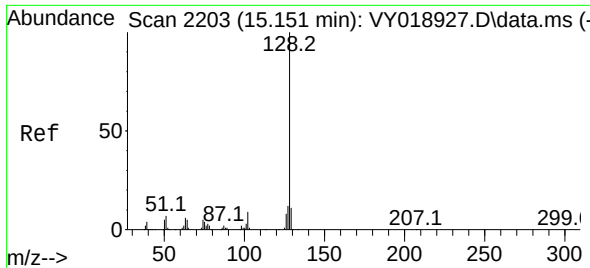
Ion Ratio Lower Upper

225 100

223 66.3 30.4 91.2

227 58.7 31.9 95.9

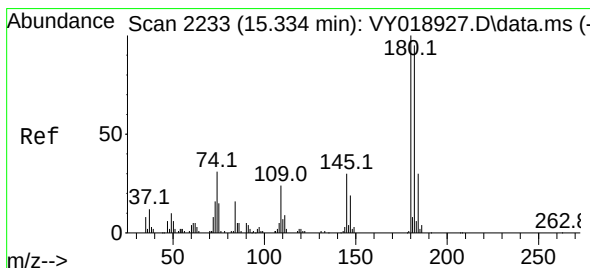
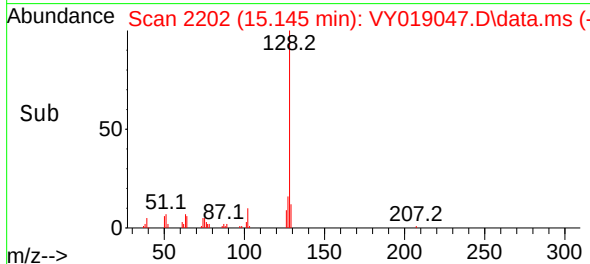
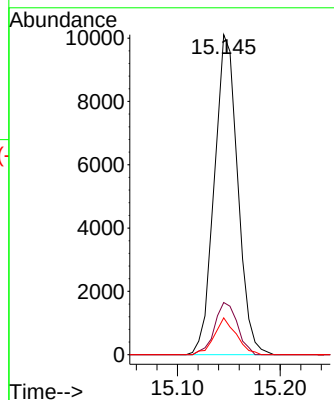
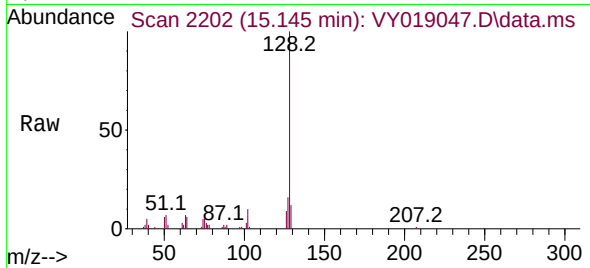




#95
Naphthalene
Concen: 16.565 ug/l
RT: 15.145 min Scan# 2203
Delta R.T. -0.006 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 15946
Ion Ratio Lower Upper
128 100
127 16.0 10.6 16.0#
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.844 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY019047.D
Acq: 14 Aug 2024 10:23

Tgt Ion:180 Resp: 8746
Ion Ratio Lower Upper
180 100
182 100.2 47.6 142.9
145 29.6 15.4 46.1

