

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019246.D
 Acq On : 23 Aug 2024 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:53:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	119674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	190045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	166546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	88031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56558	47.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.300%
35) Dibromofluoromethane	7.622	113	59639	47.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.980%
50) Toluene-d8	10.103	98	218160	48.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.408	95	75507	49.531	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38845	44.241	ug/l	93
3) Chloromethane	2.068	50	61779	39.036	ug/l	99
4) Vinyl Chloride	2.202	62	81188	41.531	ug/l	99
5) Bromomethane	2.592	94	61827	52.039	ug/l	92
6) Chloroethane	2.733	64	55896	44.473	ug/l	99
7) Trichlorofluoromethane	3.050	101	125476	42.454	ug/l	100
8) Diethyl Ether	3.446	74	29281	45.898	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	61238	46.606	ug/l	98
10) Methyl Iodide	3.995	142	67129	52.123	ug/l	96
11) Tert butyl alcohol	4.836	59	24508	237.716	ug/l #	83
12) 1,1-Dichloroethene	3.781	96	57045	47.786	ug/l	97
13) Acrolein	3.647	56	14501	153.327	ug/l	99
14) Allyl chloride	4.379	41	76365	48.115	ug/l	93
15) Acrylonitrile	5.043	53	59266	227.044	ug/l	97
16) Acetone	3.854	43	71191	319.993	ug/l	91
17) Carbon Disulfide	4.098	76	156591	46.507	ug/l	99
18) Methyl Acetate	4.379	43	30280	44.347	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	140123	48.416	ug/l	99
20) Methylene Chloride	4.610	84	66910	48.022	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	64383	48.275	ug/l	98
22) Diisopropyl ether	6.006	45	178709	49.186	ug/l #	90
23) Vinyl Acetate	5.952	43	717064	249.277	ug/l	98
24) 1,1-Dichloroethane	5.903	63	107181	48.237	ug/l	98
25) 2-Butanone	6.878	43	89046	248.529	ug/l	96
26) 2,2-Dichloropropane	6.872	77	94979	52.786	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	77685	49.496	ug/l	100
28) Bromochloromethane	7.232	49	44220	47.443	ug/l	96
29) Tetrahydrofuran	7.244	42	50593	219.664	ug/l	95
30) Chloroform	7.415	83	122835	49.612	ug/l	96
31) Cyclohexane	7.695	56	86201	50.255	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	110811	50.927	ug/l	98
36) 1,1-Dichloropropene	7.829	75	83507	48.939	ug/l	99
37) Ethyl Acetate	6.976	43	36745	48.605	ug/l	95
38) Carbon Tetrachloride	7.811	117	102760	51.965	ug/l	99
39) Methylcyclohexane	9.103	83	110575	50.497	ug/l	97
40) Benzene	8.073	78	264291	50.502	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	28976	70.223	ug/l #	34
42) 1,2-Dichloroethane	8.146	62	71137	50.337	ug/l	97
43) Isopropyl Acetate	8.189	43	70799	46.307	ug/l #	83
44) Trichloroethene	8.860	130	71988	49.299	ug/l	94
45) 1,2-Dichloropropane	9.134	63	58821	50.447	ug/l	99
46) Dibromomethane	9.225	93	37768	49.941	ug/l	99
47) Bromodichloromethane	9.420	83	93944	50.633	ug/l	99
48) Methyl methacrylate	9.213	41	32820	48.167	ug/l	91
49) 1,4-Dioxane	9.219	88	8109	885.165	ug/l #	99
51) 4-Methyl-2-Pentanone	10.000	43	189848	233.951	ug/l	94
52) Toluene	10.170	92	178110	51.848	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	80124	52.059	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	92853	50.164	ug/l #	90
55) 1,1,2-Trichloroethane	10.573	97	48592	49.912	ug/l	98
56) Ethyl methacrylate	10.438	69	62962	49.409	ug/l #	87
57) 1,3-Dichloropropane	10.719	76	78178	49.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	140969	233.190	ug/l	94
59) 2-Hexanone	10.762	43	139301	249.864	ug/l	94
60) Dibromochloromethane	10.914	129	68204	51.436	ug/l	100
61) 1,2-Dibromoethane	11.018	107	46581	49.503	ug/l	99
64) Tetrachloroethene	10.646	164	72523	49.819	ug/l	97
65) Chlorobenzene	11.444	112	196400	51.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	71805	53.244	ug/l	96
67) Ethyl Benzene	11.518	91	347538	52.213	ug/l	93
68) m/p-Xylenes	11.633	106	286740	108.569	ug/l	99
69) o-Xylene	11.957	106	131318	53.692	ug/l	99
70) Styrene	11.969	104	232082	55.645	ug/l	99
71) Bromoform	12.133	173	40429	52.442	ug/l #	97
73) Isopropylbenzene	12.255	105	346529	51.359	ug/l	100
74) N-amyl acetate	12.072	43	65491	44.513	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	53091	44.199	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	68623	79.045	ug/l #	100
77) Bromobenzene	12.536	156	78728	48.586	ug/l	95
78) n-propylbenzene	12.597	91	407158	50.480	ug/l	99
79) 2-Chlorotoluene	12.682	91	224112	49.560	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	285894	52.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	17209	48.955	ug/l	91
82) 4-Chlorotoluene	12.780	91	242379	51.519	ug/l	97
83) tert-Butylbenzene	12.999	119	259478	51.119	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	285380	52.094	ug/l	98
85) sec-Butylbenzene	13.176	105	382437	51.701	ug/l	98
86) p-Isopropyltoluene	13.292	119	319820	52.638	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	163025	51.016	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	162188	51.058	ug/l	99
89) n-Butylbenzene	13.621	91	287065	51.822	ug/l	98
90) Hexachloroethane	13.883	117	60134	50.213	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	140989	50.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7803	44.158	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	79091	49.900	ug/l	99
94) Hexachlorobutadiene	15.029	225	43103	52.210	ug/l	98
95) Naphthalene	15.145	128	133540	47.209	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	65410	48.930	ug/l	98

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QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

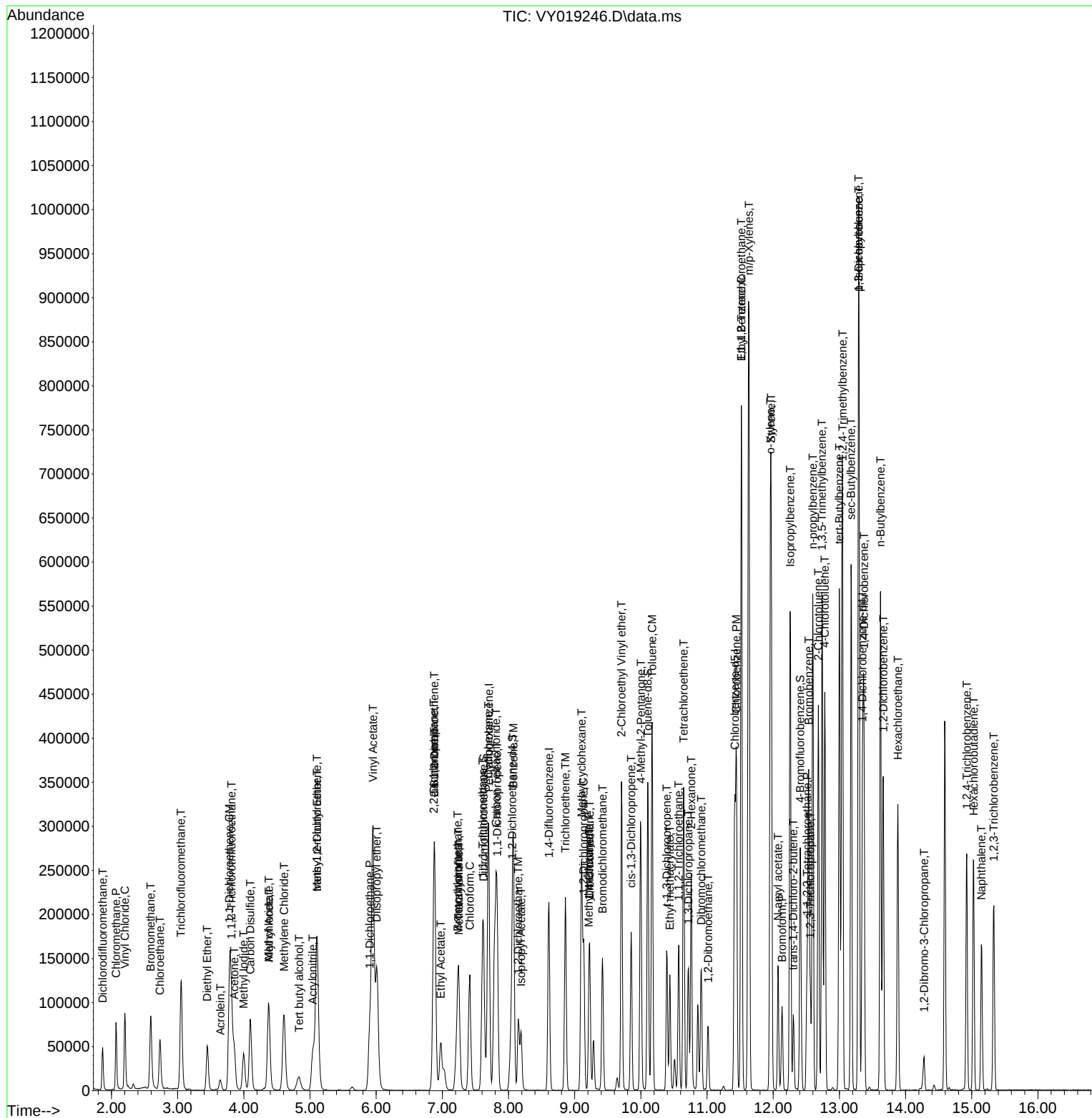
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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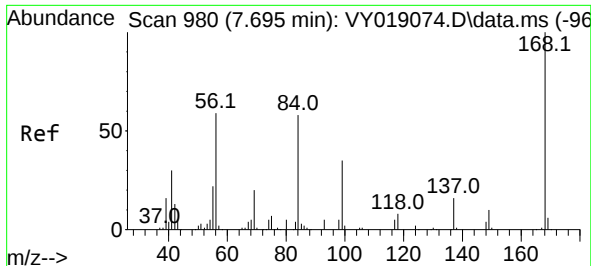
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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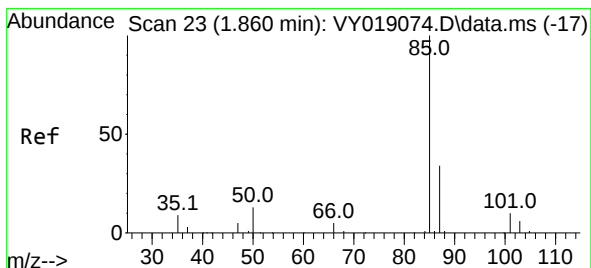
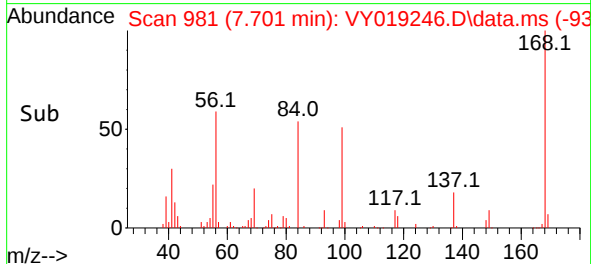
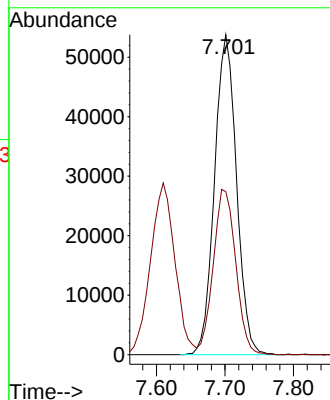
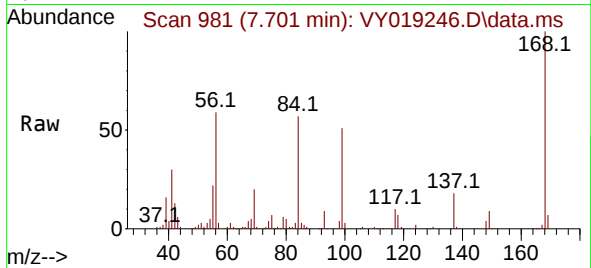




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019246.D
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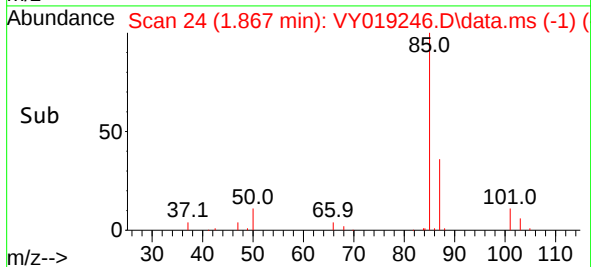
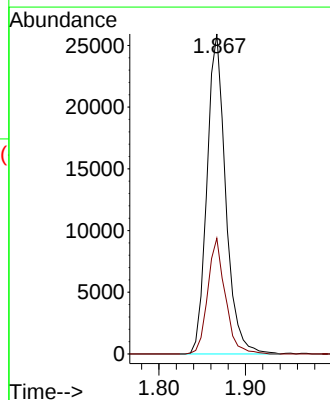
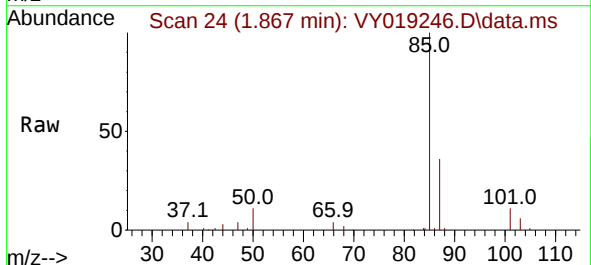
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 119674
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.241 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 85 Resp: 38845
Ion Ratio Lower Upper
85 100
87 36.2 16.0 48.0

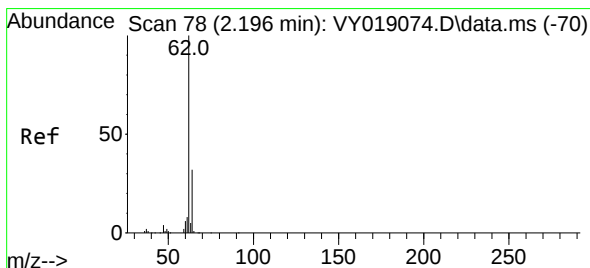
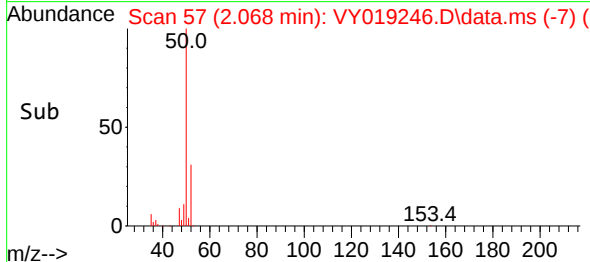
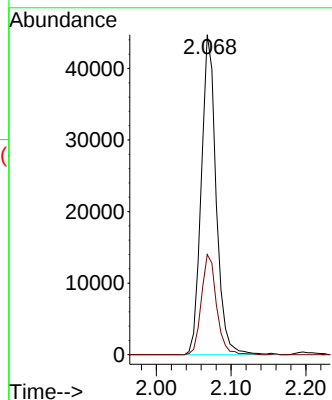
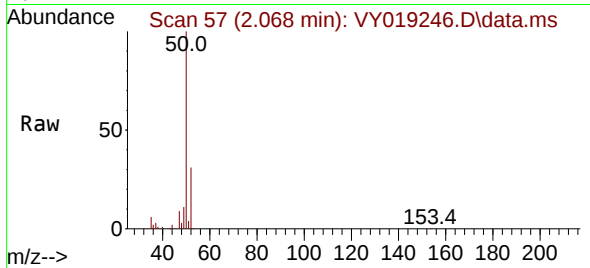




#3
Chloromethane
Concen: 39.036 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

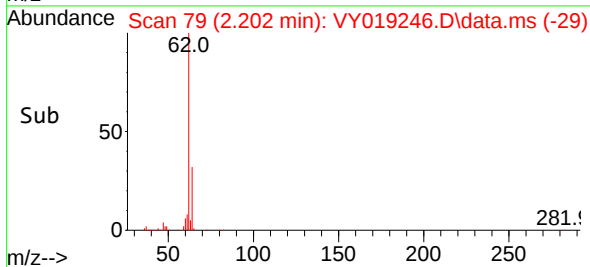
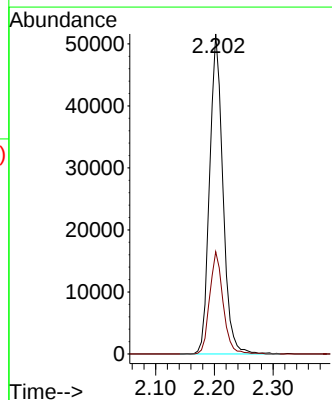
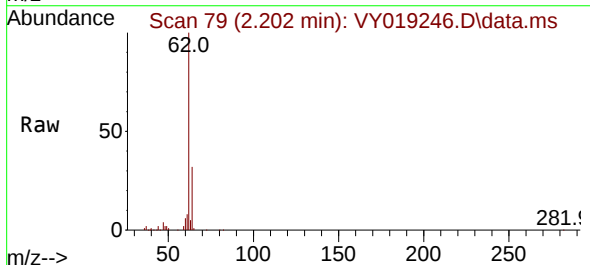
Instrument :
MSVOA_Y
ClientSampleId :

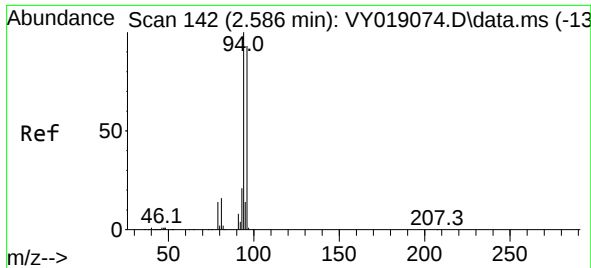
Tgt Ion: 50 Resp: 61779
Ion Ratio Lower Upper
50 100
52 31.3 25.6 38.4



#4
Vinyl Chloride
Concen: 41.531 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 62 Resp: 81188
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





#5

Bromomethane

Concen: 52.039 ug/l

RT: 2.592 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

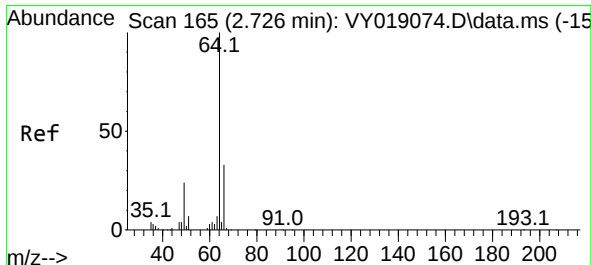
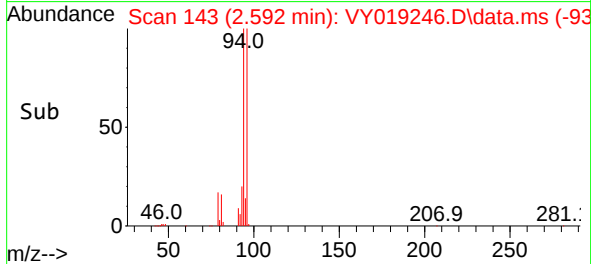
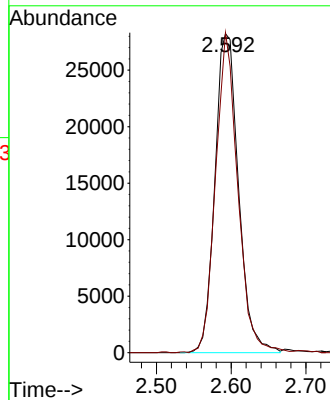
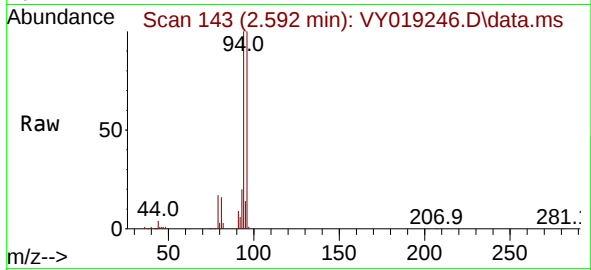
ClientSampleId :

Tgt Ion: 94 Resp: 61827

Ion Ratio Lower Upper

94 100

96 100.1 74.1 111.1



#6

Chloroethane

Concen: 44.473 ug/l

RT: 2.733 min Scan# 166

Delta R.T. 0.007 min

Lab File: VY019246.D

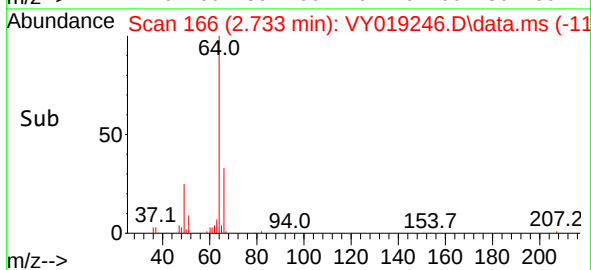
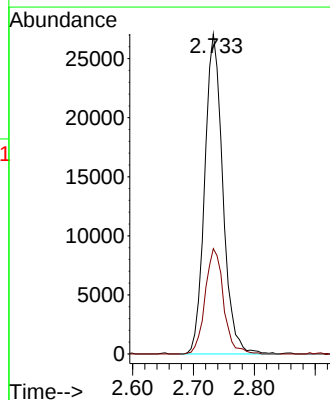
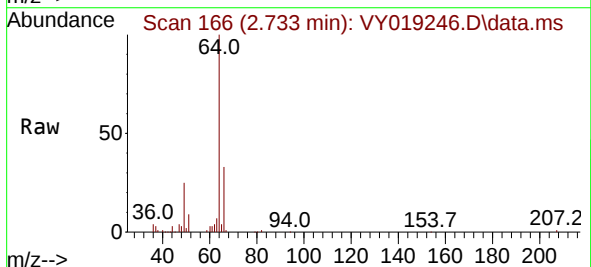
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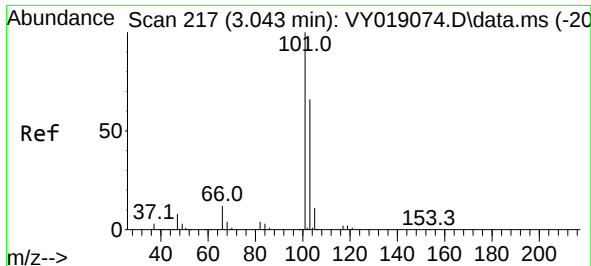
Tgt Ion: 64 Resp: 55896

Ion Ratio Lower Upper

64 100

66 32.9 26.1 39.1

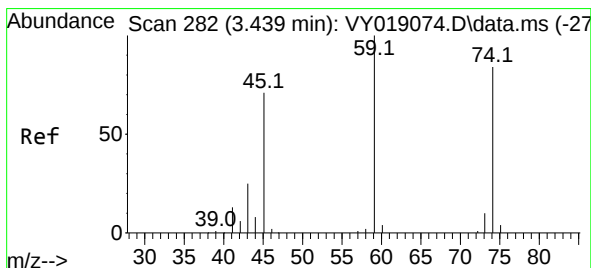
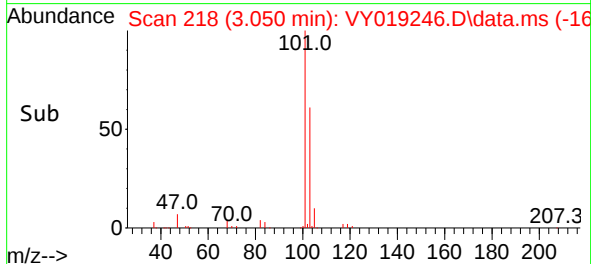
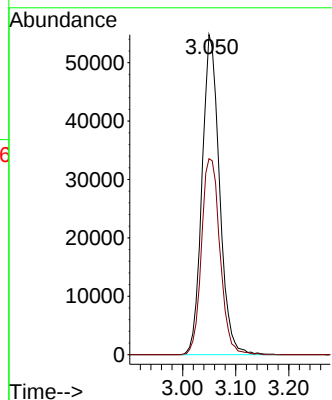
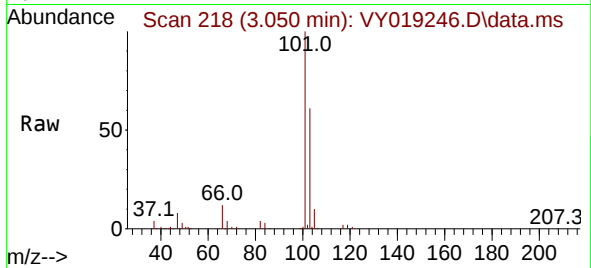




#7
 Trichlorofluoromethane
 Concen: 42.454 ug/l
 RT: 3.050 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019246.D
 Acq: 23 Aug 2024 09:45

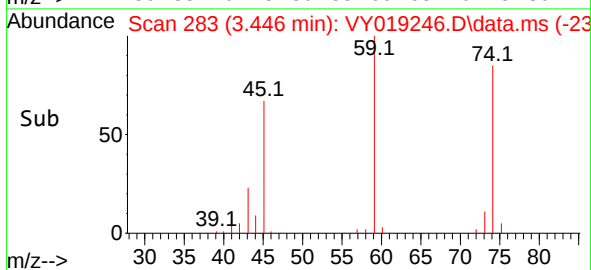
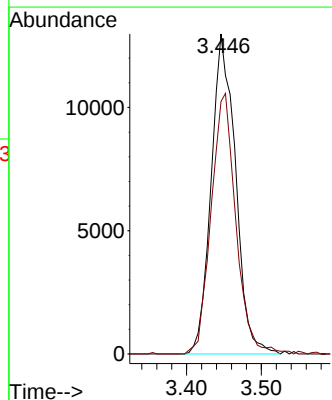
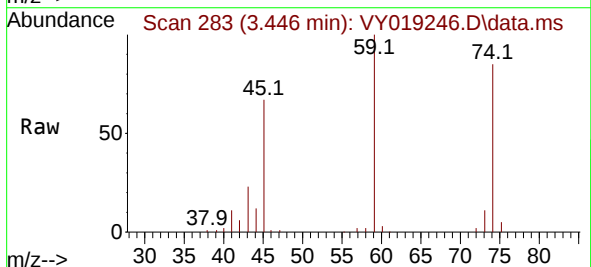
Instrument :
 MSVOA_Y
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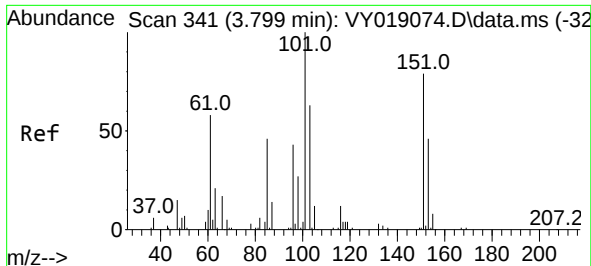
Tgt Ion:101 Resp: 125476
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 45.898 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019246.D
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Tgt Ion: 74 Resp: 29281
 Ion Ratio Lower Upper
 74 100
 45 83.0 41.3 124.1

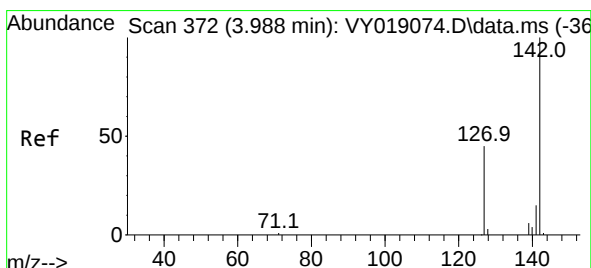
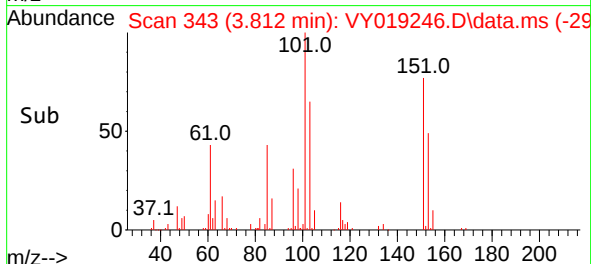
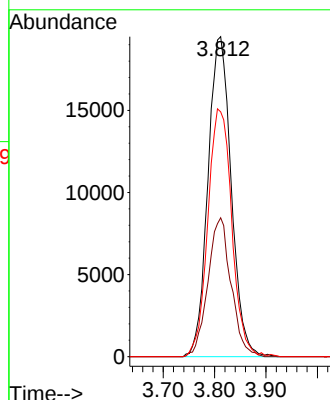
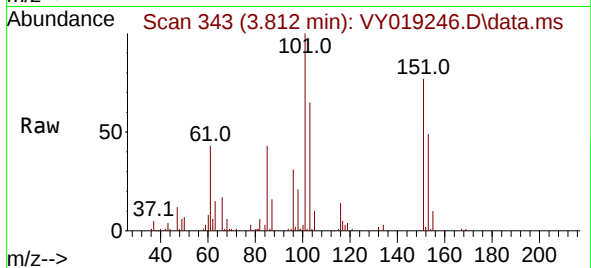




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.606 ug/l
RT: 3.812 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

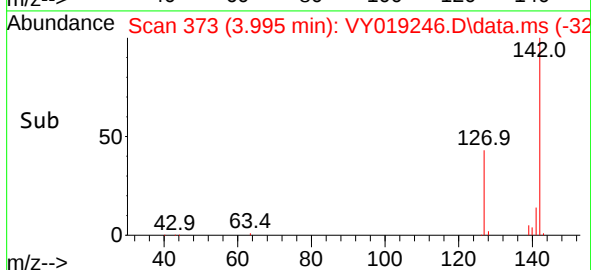
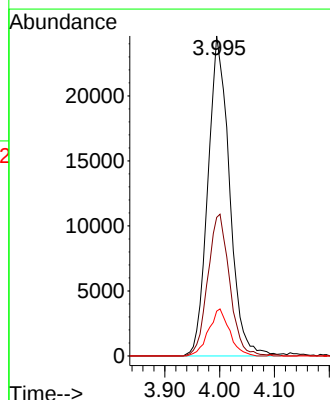
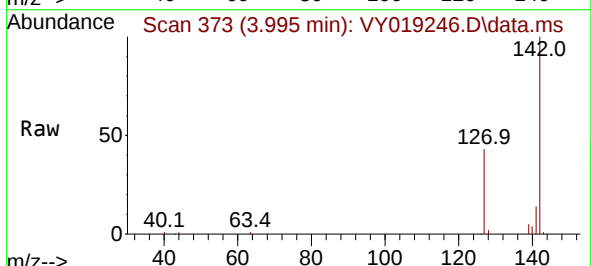
Instrument :
MSVOA_Y
ClientSampleId :

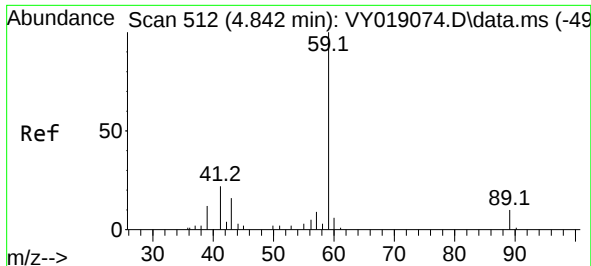
Tgt Ion:101	Resp:	61238
Ion Ratio	Lower	Upper
101	100	
85	43.2	34.5 51.7
151	79.8	61.7 92.5



#10
Methyl Iodide
Concen: 52.123 ug/l
RT: 3.995 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion:142	Resp:	67129
Ion Ratio	Lower	Upper
142	100	
127	44.7	32.8 49.2
141	14.3	11.4 17.2





#11

Tert butyl alcohol

Concen: 237.716 ug/l

RT: 4.836 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

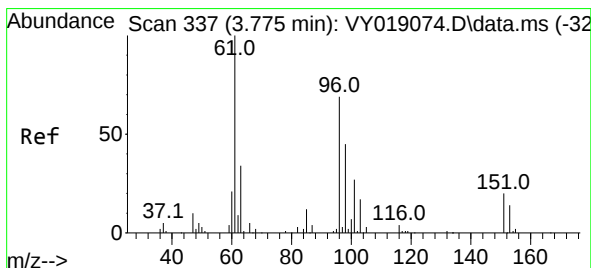
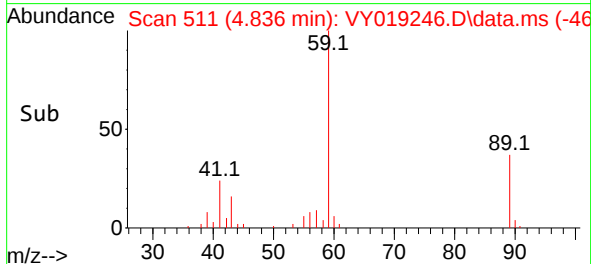
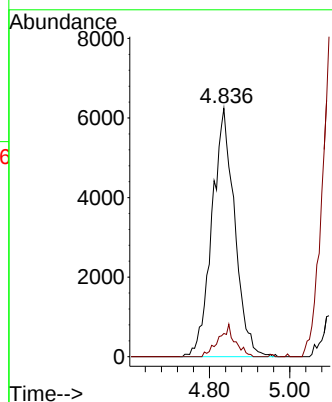
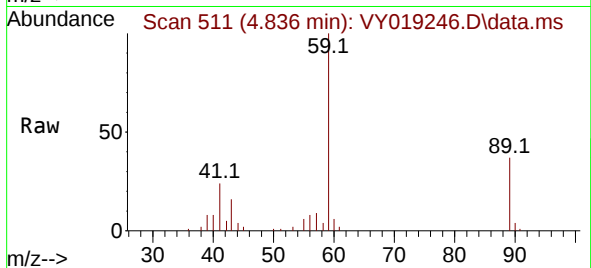
ClientSampleId :

Tgt Ion: 59 Resp: 24508

Ion Ratio Lower Upper

59 100

57 9.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 47.786 ug/l

RT: 3.781 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

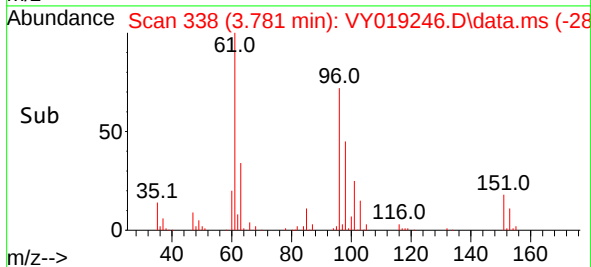
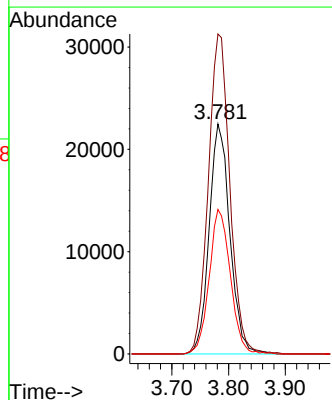
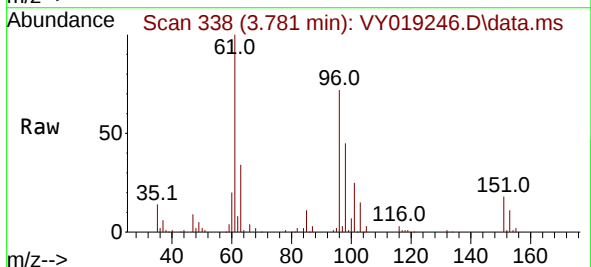
Tgt Ion: 96 Resp: 57045

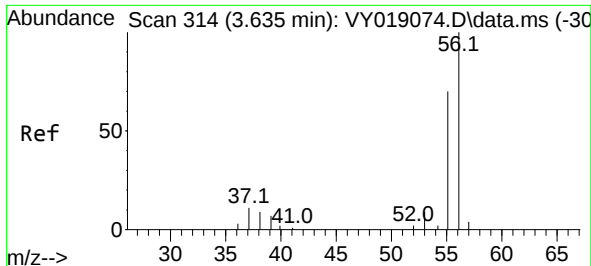
Ion Ratio Lower Upper

96 100

61 139.1 114.6 171.8

98 62.9 50.8 76.2





#13

Acrolein

Concen: 153.327 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

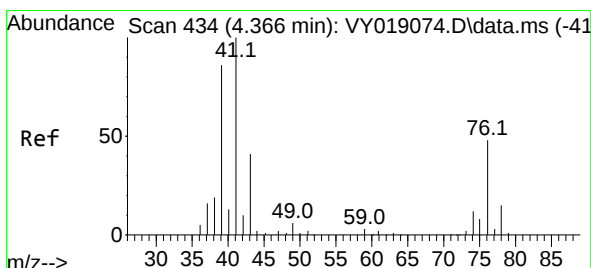
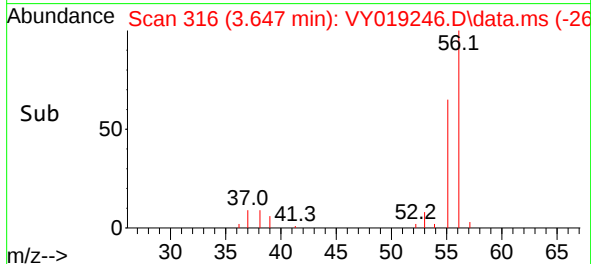
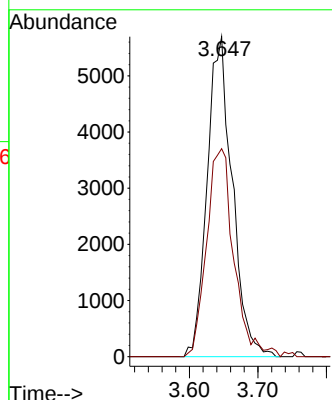
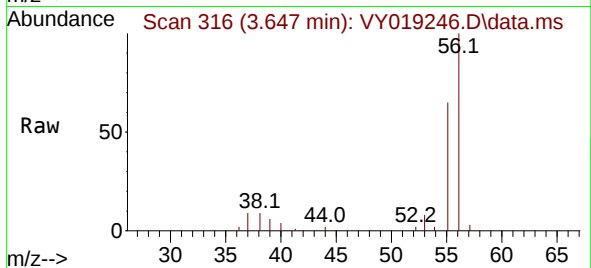
ClientSampleId :

Tgt Ion: 56 Resp: 14501

Ion Ratio Lower Upper

56 100

55 70.5 55.7 83.5



#14

Allyl chloride

Concen: 48.115 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.013 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

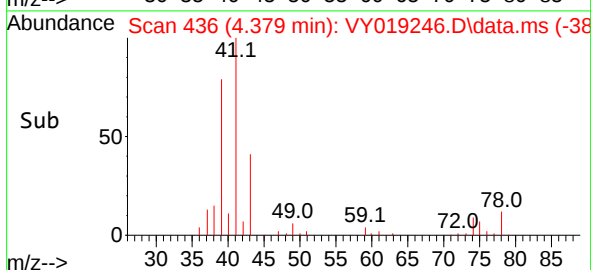
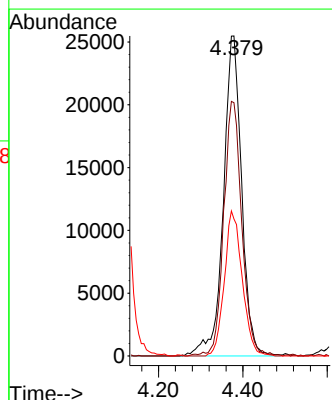
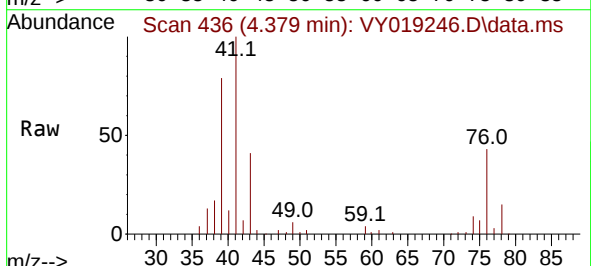
Tgt Ion: 41 Resp: 76365

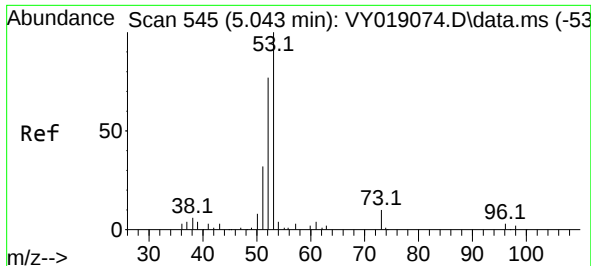
Ion Ratio Lower Upper

41 100

39 79.1 58.3 87.5

76 44.4 39.0 58.6

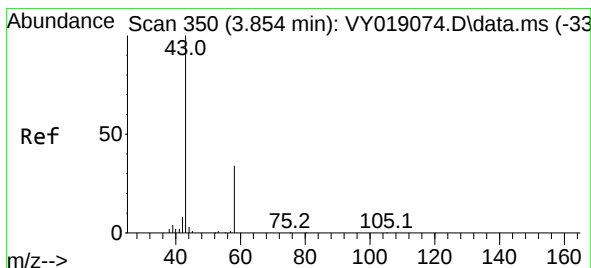
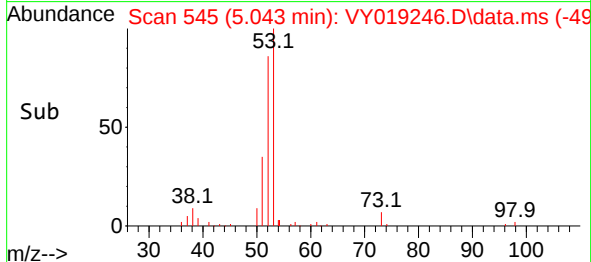
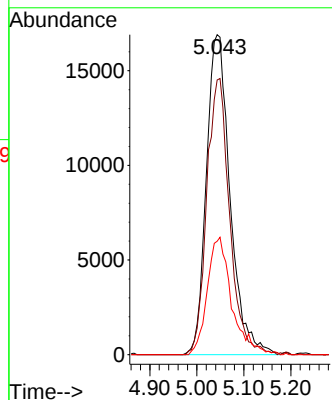
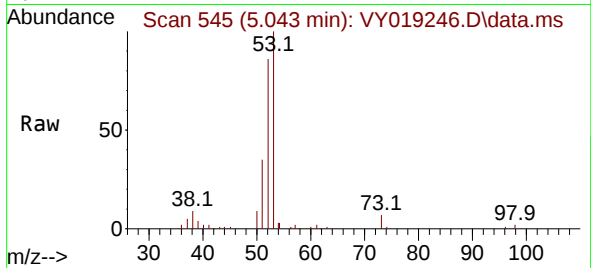




#15
Acrylonitrile
Concen: 227.044 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

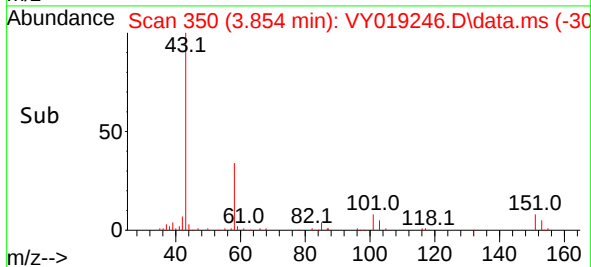
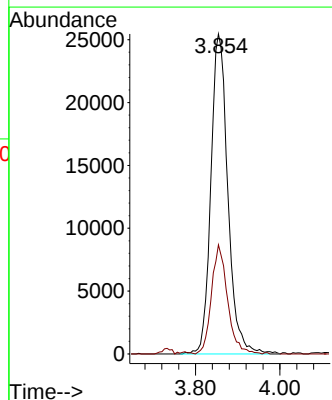
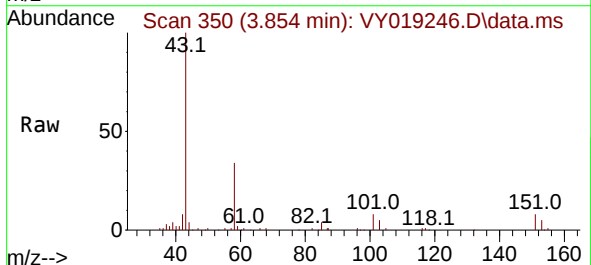
Instrument :
MSVOA_Y
ClientSampleId :

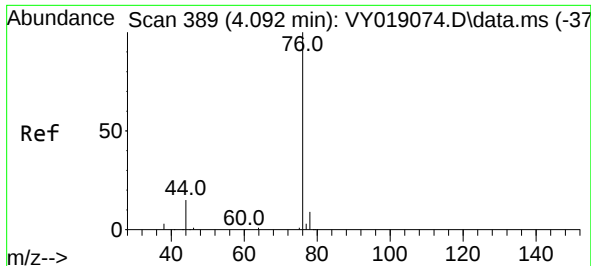
Tgt Ion: 53	Resp:	59266
Ion Ratio	Lower	Upper
53	100	
52	83.2	64.7 97.1
51	37.9	28.4 42.6



#16
Acetone
Concen: 319.993 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 43	Resp:	71191
Ion Ratio	Lower	Upper
43	100	
58	34.1	31.7 47.5

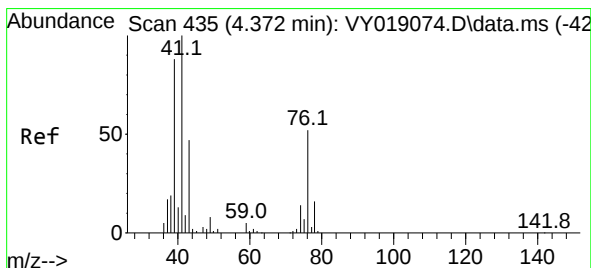
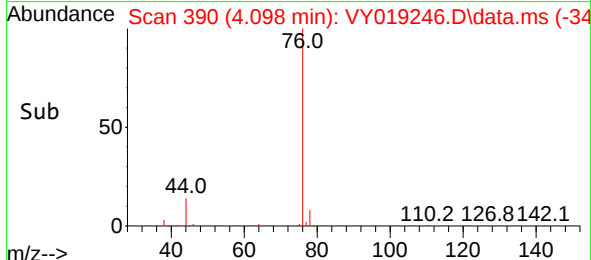
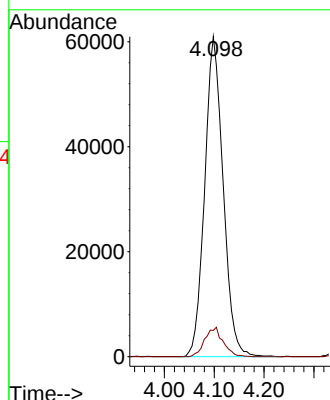
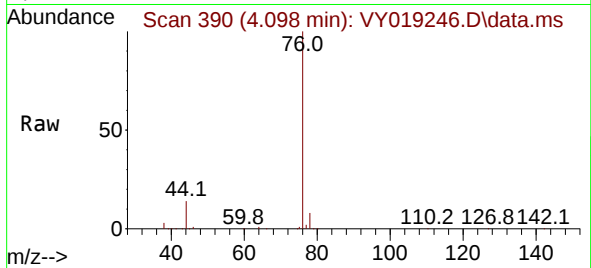




#17
Carbon Disulfide
Concen: 46.507 ug/l
RT: 4.098 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

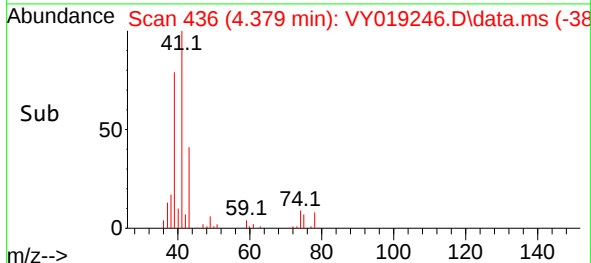
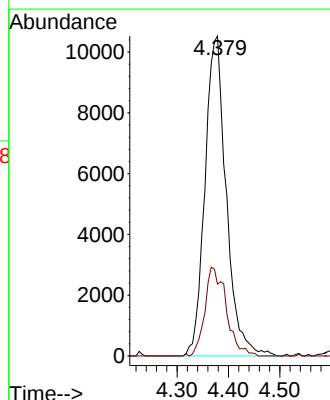
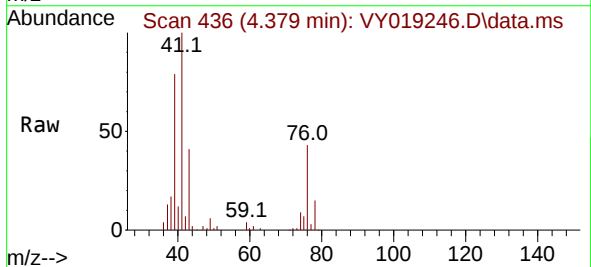
Instrument :
MSVOA_Y
ClientSampleId :

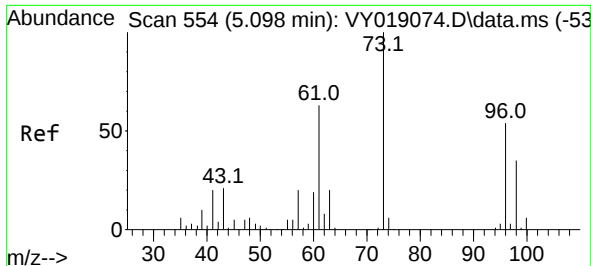
Tgt Ion: 76 Resp: 156591
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 44.347 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 43 Resp: 30280
Ion Ratio Lower Upper
43 100
74 28.0 23.3 34.9

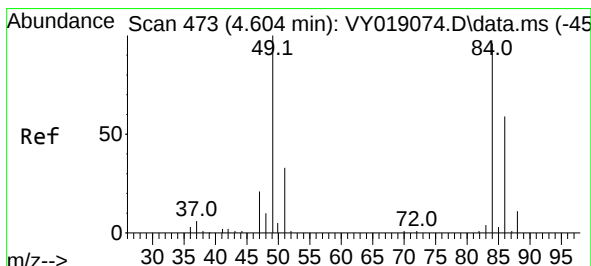
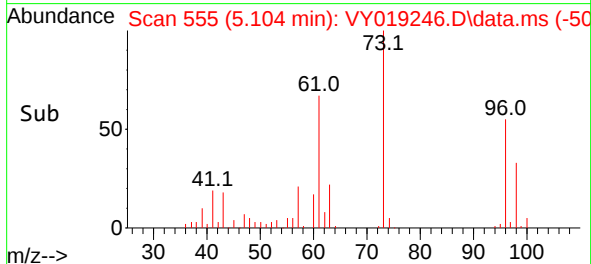
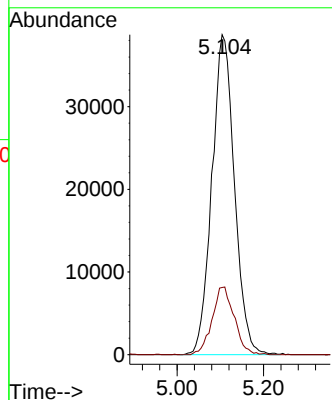
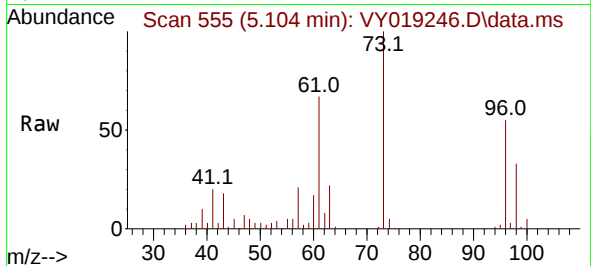




#19
Methyl tert-butyl Ether
Concen: 48.416 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

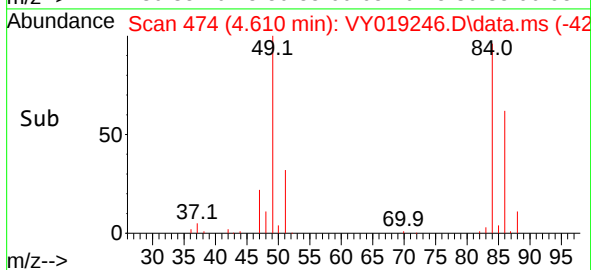
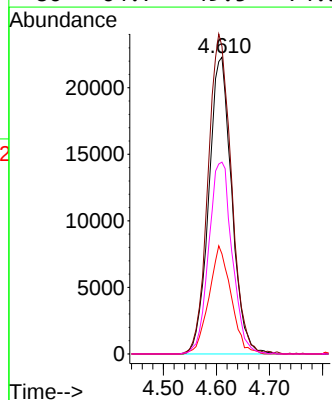
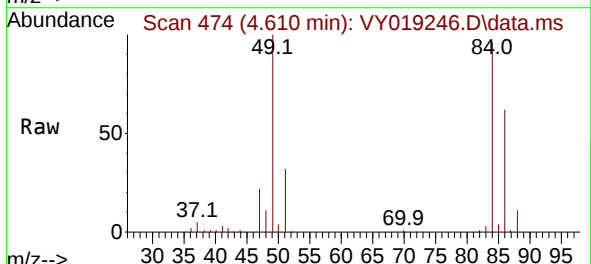
Instrument :
MSVOA_Y
ClientSampleId :

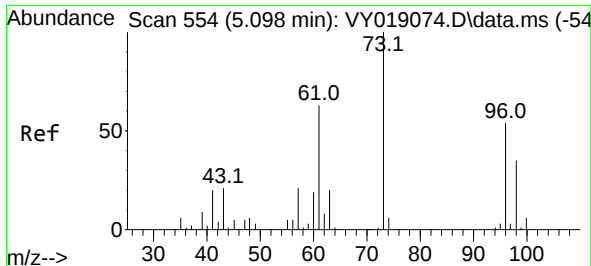
Tgt Ion: 73 Resp: 140123
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 48.022 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

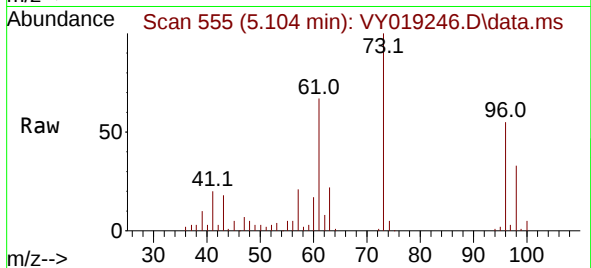
Tgt Ion: 84 Resp: 66910
Ion Ratio Lower Upper
84 100
49 103.7 84.4 126.6
51 33.7 26.0 39.0
86 64.7 49.5 74.3



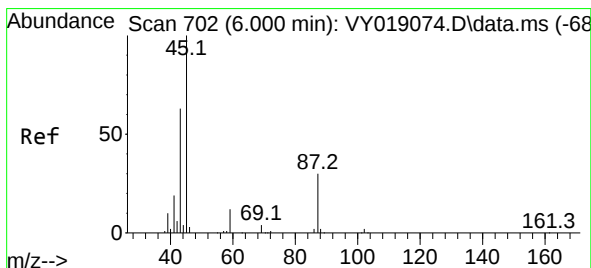
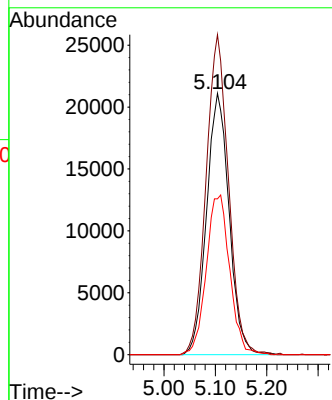
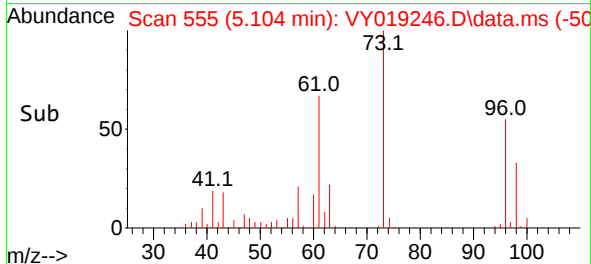


#21
trans-1,2-Dichloroethene
Concen: 48.275 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Instrument :
MSVOA_Y
ClientSampleId :

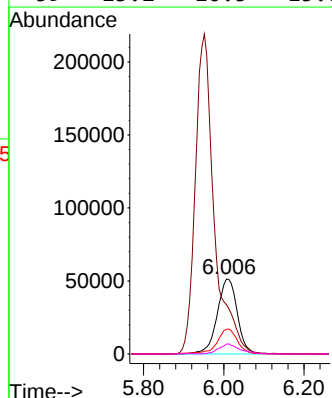
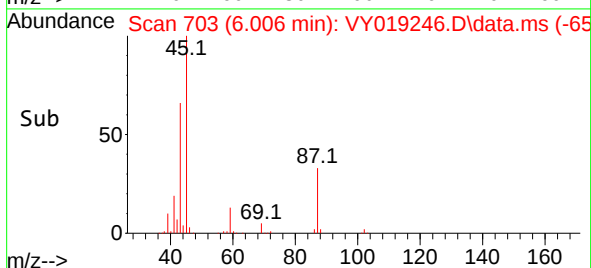
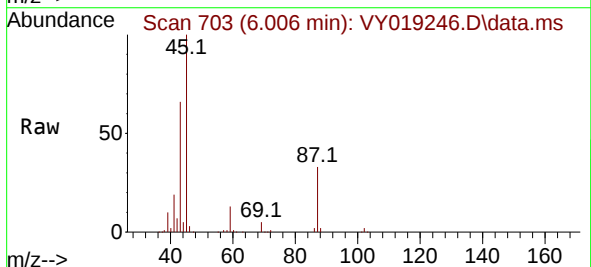


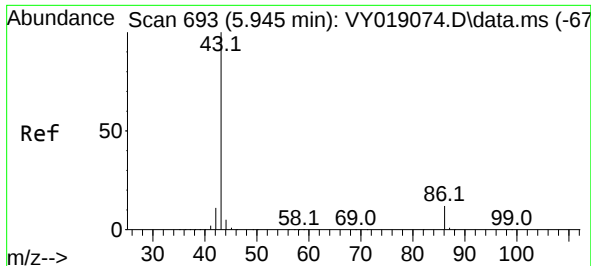
Tgt Ion: 96 Resp: 64383
Ion Ratio Lower Upper
96 100
61 122.5 97.5 146.3
98 59.7 50.5 75.7



#22
Diisopropyl ether
Concen: 49.186 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 45 Resp: 178709
Ion Ratio Lower Upper
45 100
43 65.1 42.2 63.2#
87 32.8 25.0 37.6
59 13.2 10.5 15.7

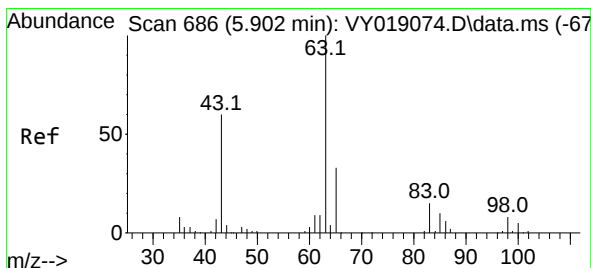
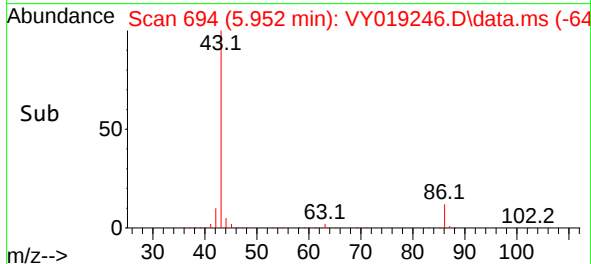
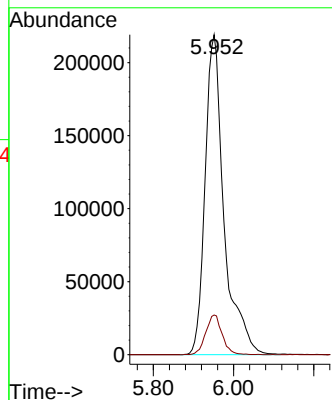
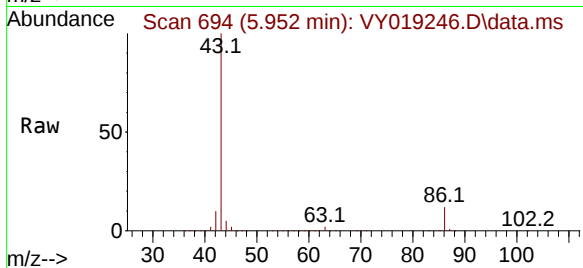




#23
 Vinyl Acetate
 Concen: 249.277 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019246.D
 Acq: 23 Aug 2024 09:45

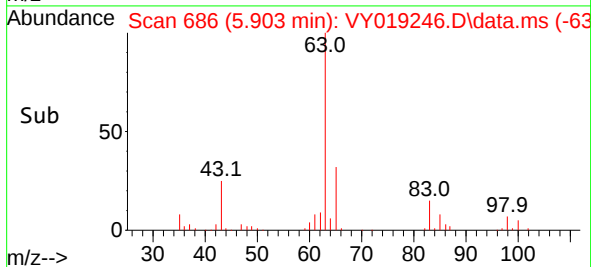
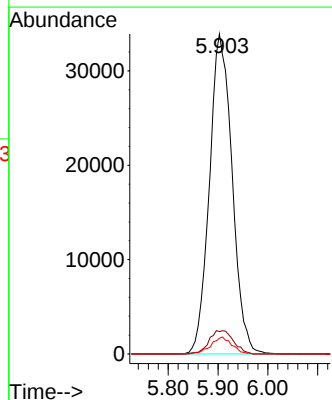
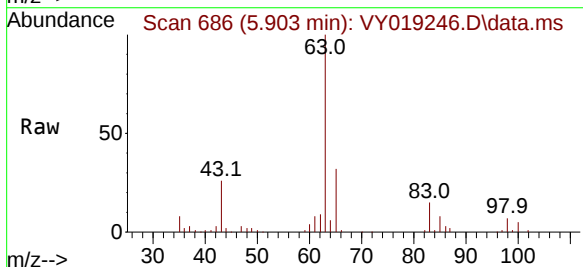
Instrument :
 MSVOA_Y
 ClientSampleId :

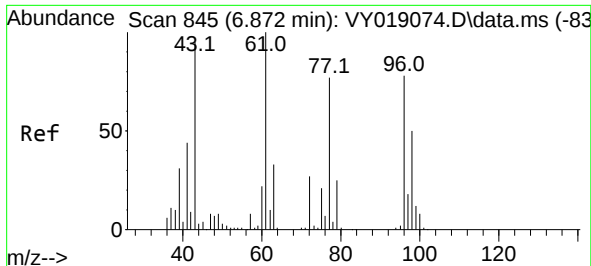
Tgt Ion: 43 Resp: 717064
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.237 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019246.D
 Acq: 23 Aug 2024 09:45

Tgt Ion: 63 Resp: 107181
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 248.529 ug/l

RT: 6.878 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

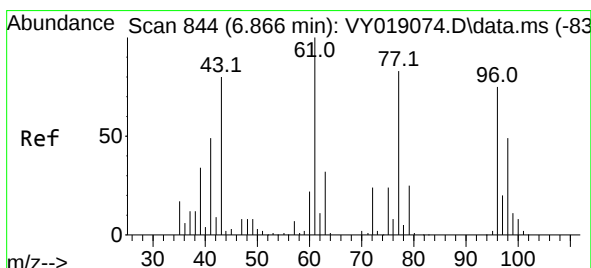
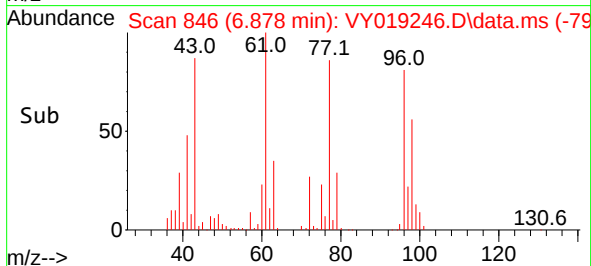
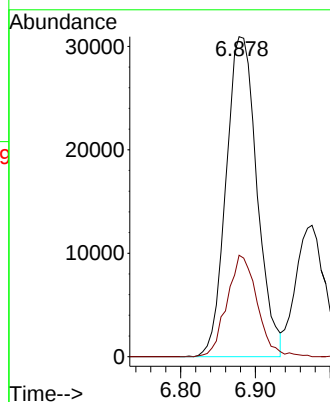
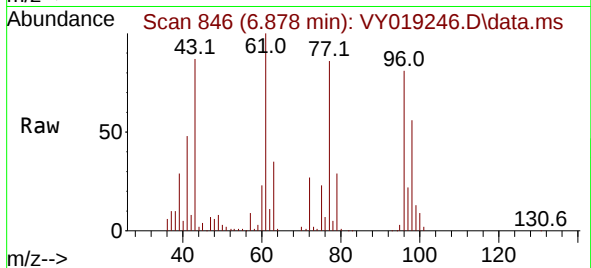
ClientSampleId :

Tgt Ion: 43 Resp: 89046

Ion Ratio Lower Upper

43 100

72 31.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 52.786 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019246.D

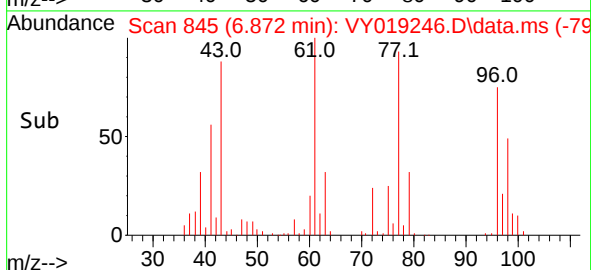
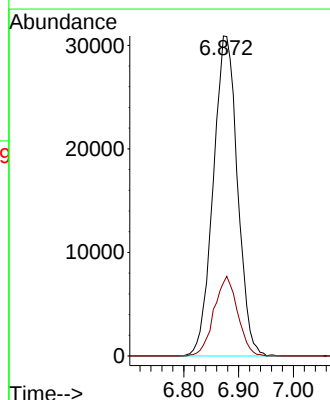
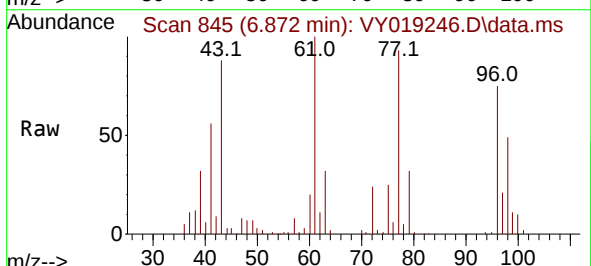
Acq: 23 Aug 2024 09:45

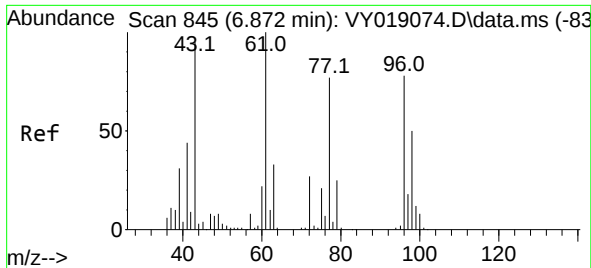
Tgt Ion: 77 Resp: 94979

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.496 ug/l

RT: 6.878 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

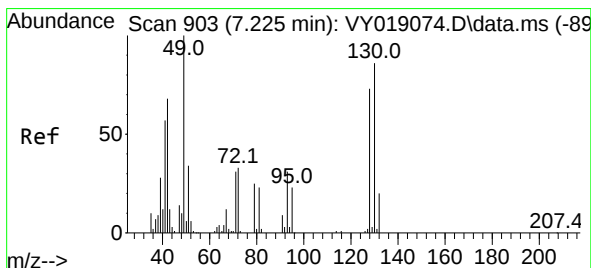
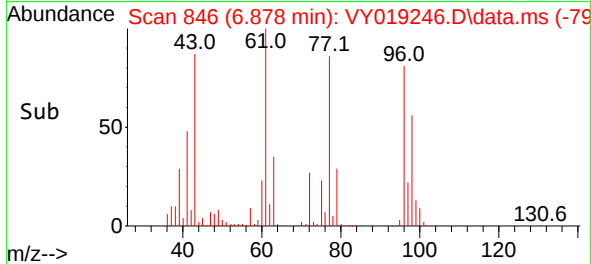
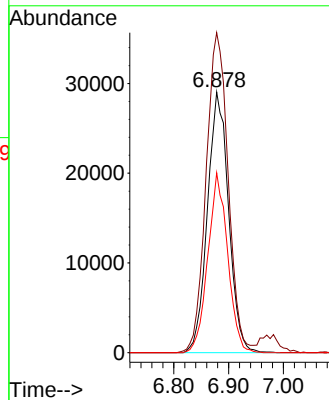
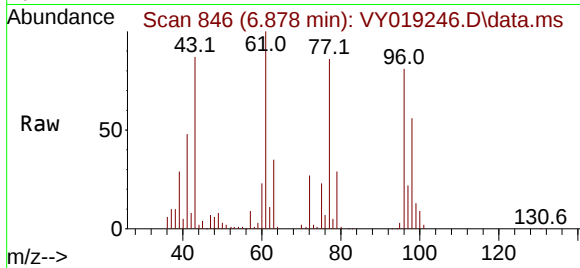
Tgt Ion: 96 Resp: 77685

Ion Ratio Lower Upper

96 100

61 128.2 0.0 256.2

98 64.7 0.0 130.0



#28

Bromochloromethane

Concen: 47.443 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

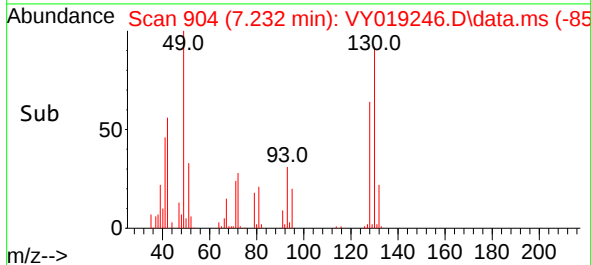
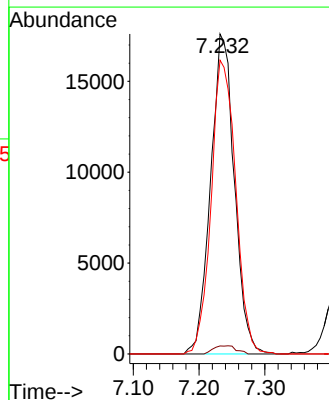
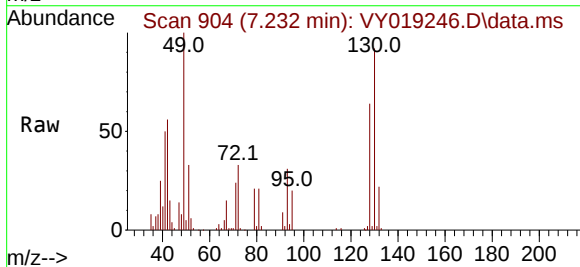
Tgt Ion: 49 Resp: 44220

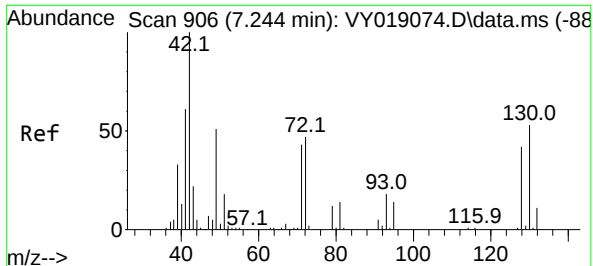
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 95.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 219.664 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

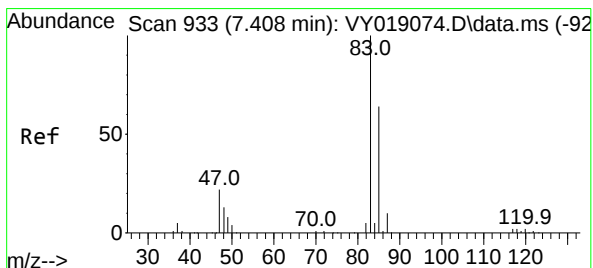
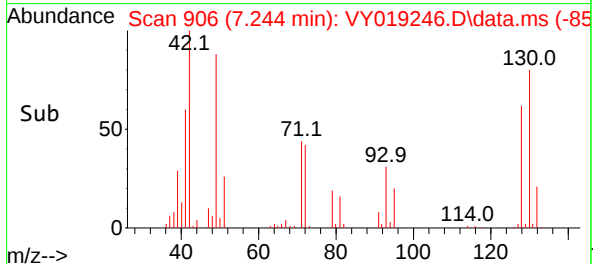
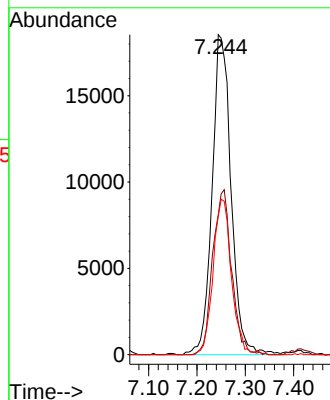
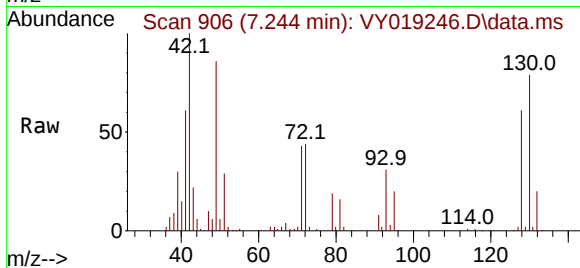
Tgt Ion: 42 Resp: 50593

Ion Ratio Lower Upper

42 100

72 51.3 43.0 64.4

71 46.6 40.8 61.2



#30

Chloroform

Concen: 49.612 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019246.D

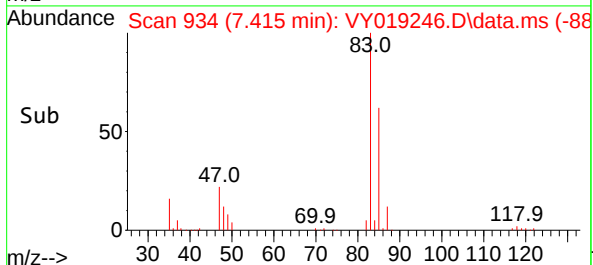
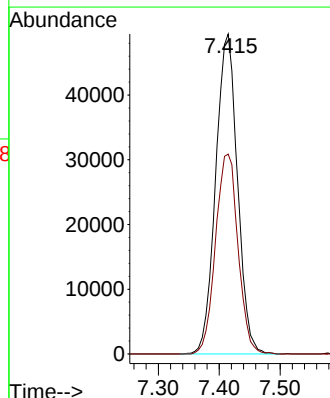
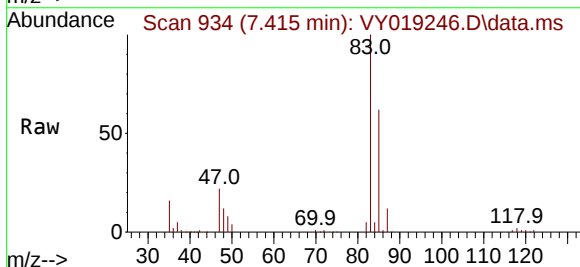
Acq: 23 Aug 2024 09:45

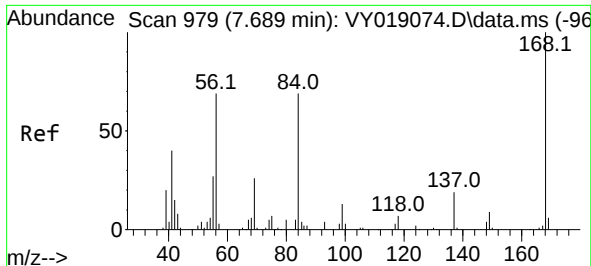
Tgt Ion: 83 Resp: 122835

Ion Ratio Lower Upper

83 100

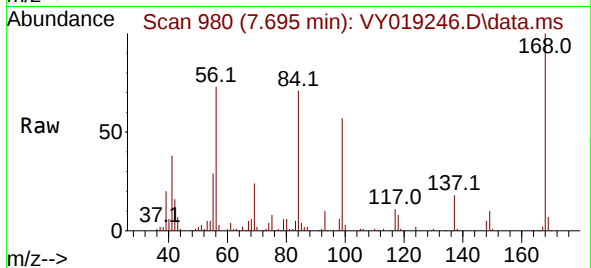
85 62.5 52.2 78.4



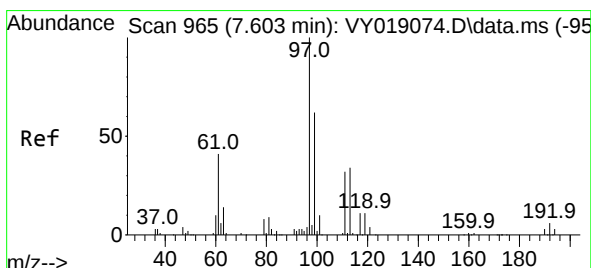
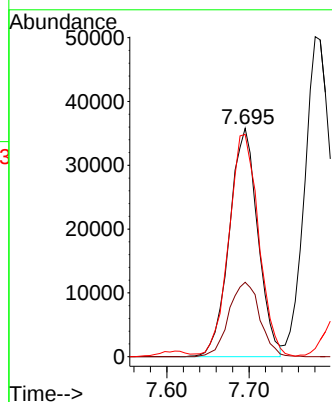
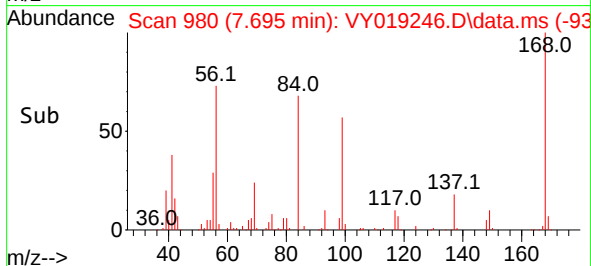


#31
Cyclohexane
Concen: 50.255 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

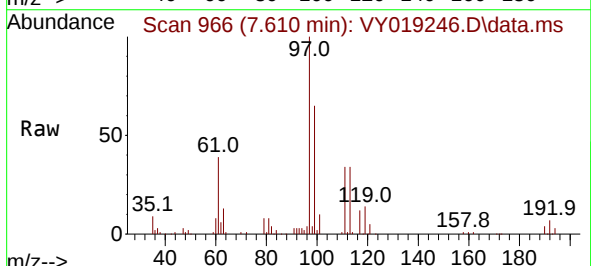
Instrument :
MSVOA_Y
ClientSampleId :



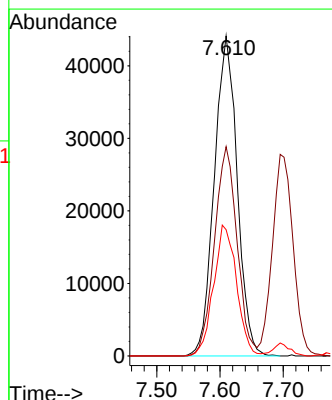
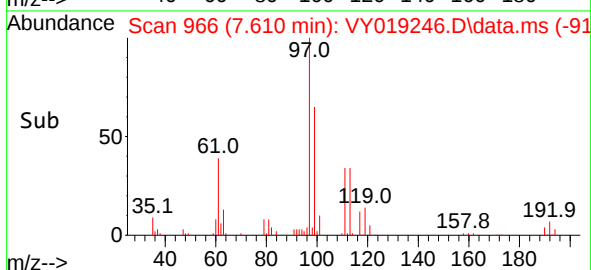
Tgt Ion: 56 Resp: 86201
Ion Ratio Lower Upper
56 100
69 32.6 28.7 43.1
84 95.0 77.7 116.5

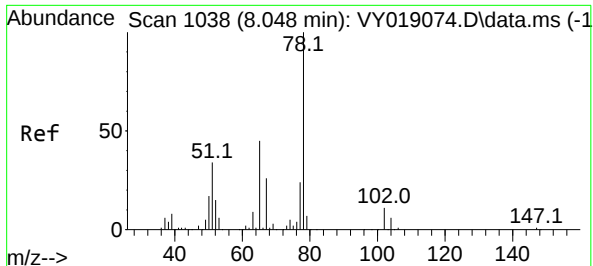


#32
1,1,1-Trichloroethane
Concen: 50.927 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45



Tgt Ion: 97 Resp: 110811
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 41.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.146 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

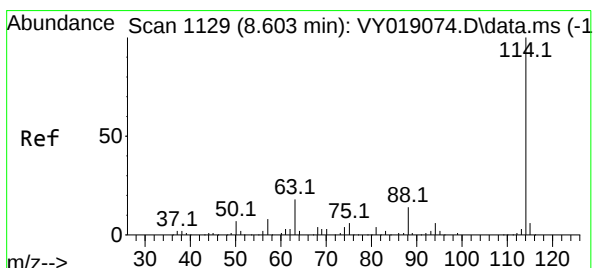
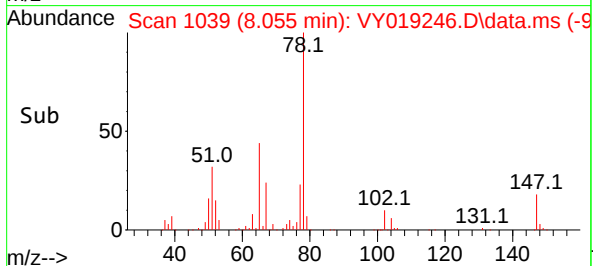
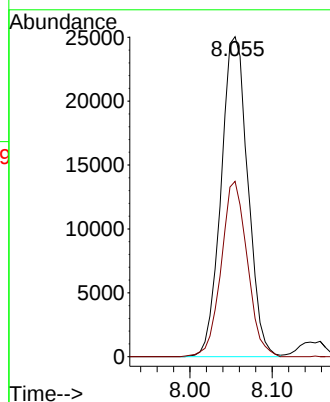
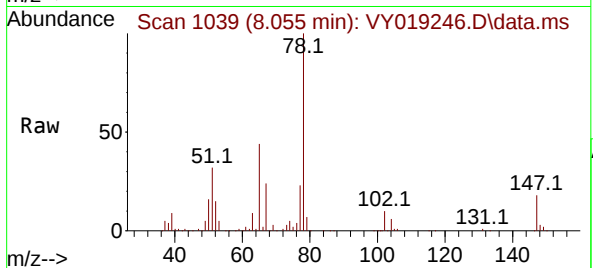
ClientSampleId :

Tgt Ion: 65 Resp: 56558

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

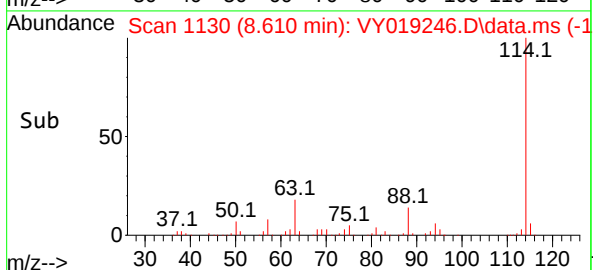
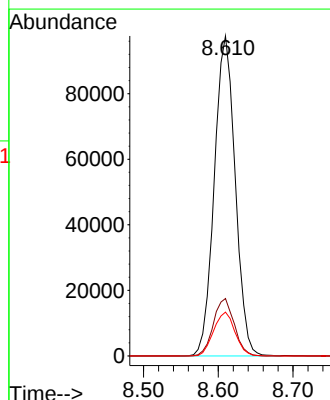
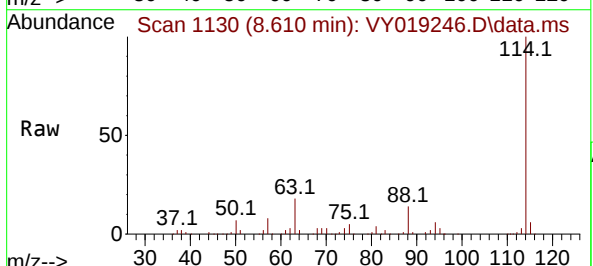
Tgt Ion: 114 Resp: 190045

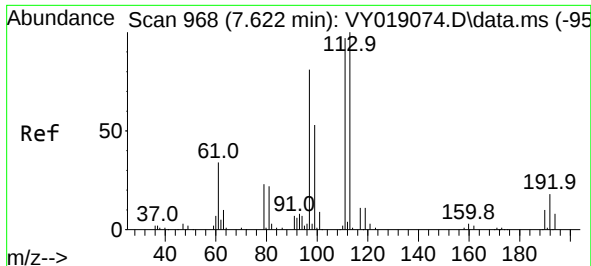
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.7 0.0 27.2

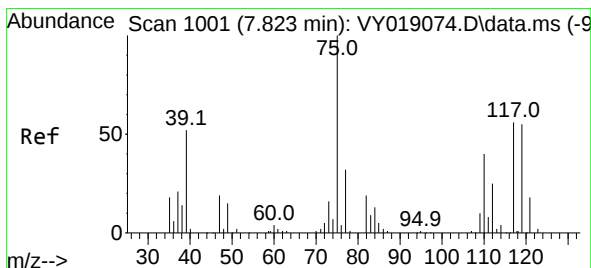
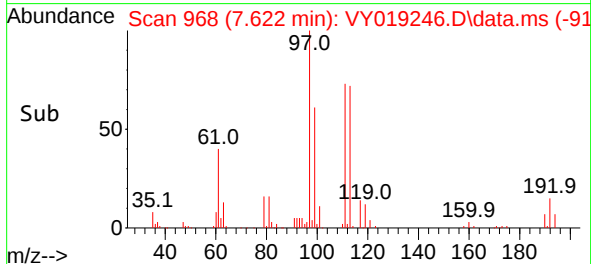
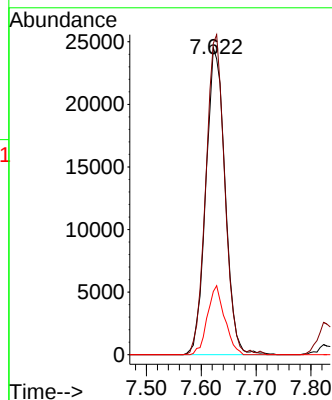
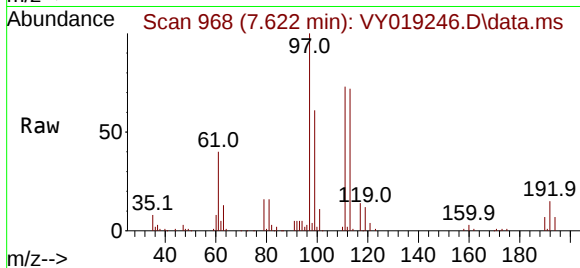




#35
Dibromofluoromethane
Concen: 47.994 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

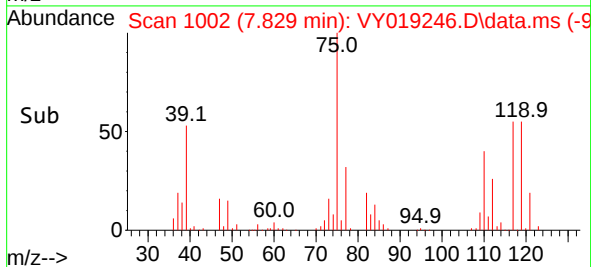
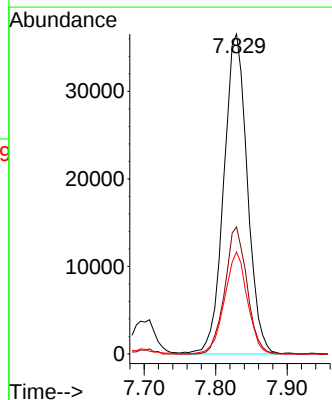
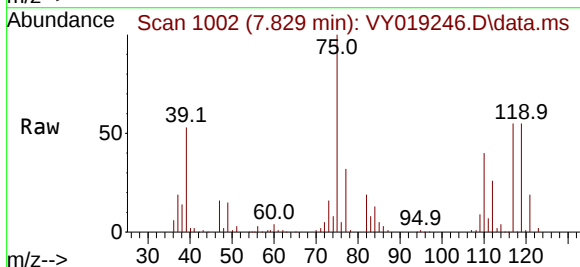
Instrument :
MSVOA_Y
ClientSampleId :

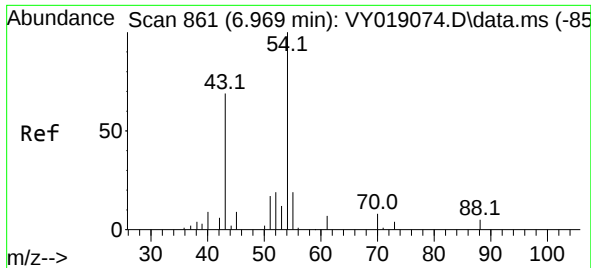
Tgt Ion:113 Resp: 59639
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 48.939 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 75 Resp: 83507
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 48.605 ug/l

RT: 6.976 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY019246.D

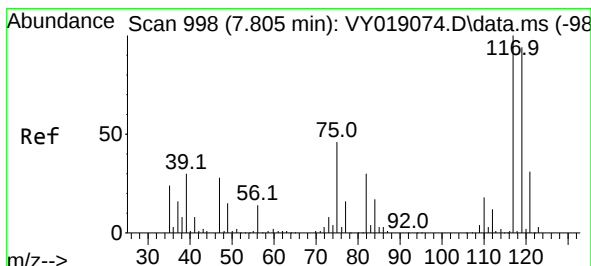
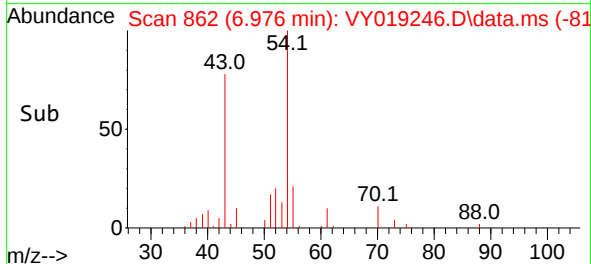
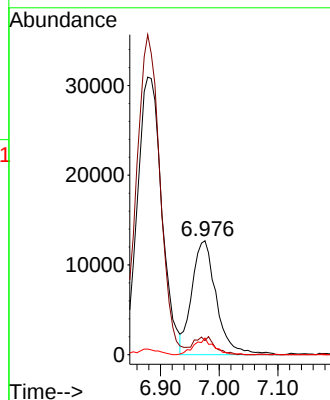
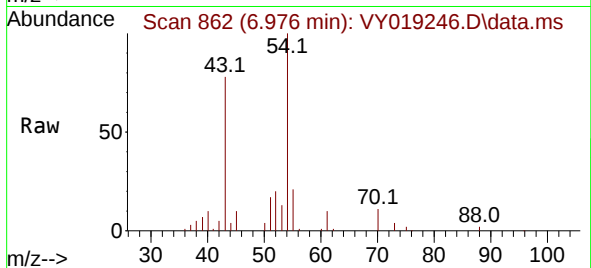
Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	36745
Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.6	19.0
70	11.6	7.8	11.8



#38

Carbon Tetrachloride

Concen: 51.965 ug/l

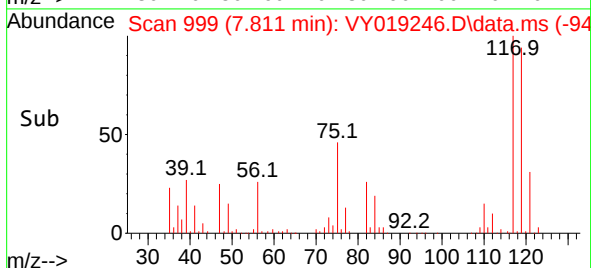
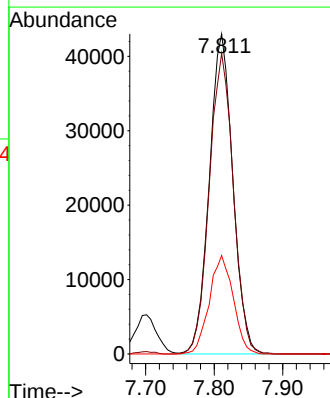
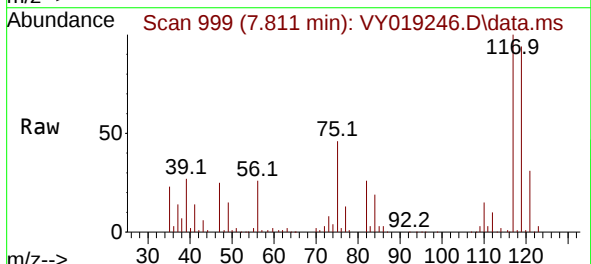
RT: 7.811 min Scan# 999

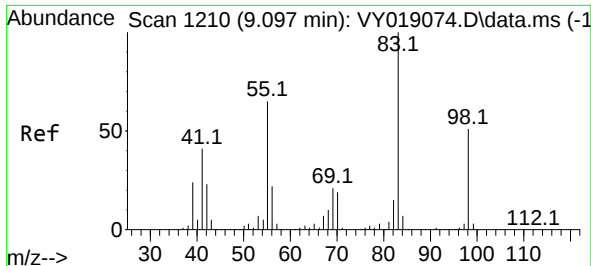
Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Tgt Ion:	117	Resp:	102760
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.6
121	30.7	24.0	36.0





#39

Methylcyclohexane

Concen: 50.497 ug/l

RT: 9.103 min Scan# 110575

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

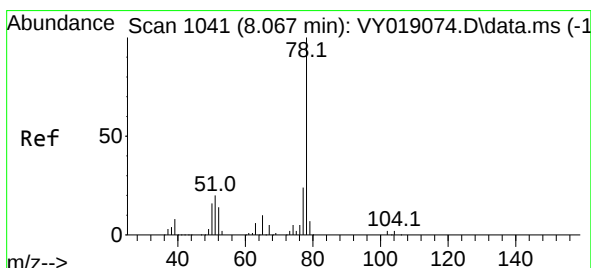
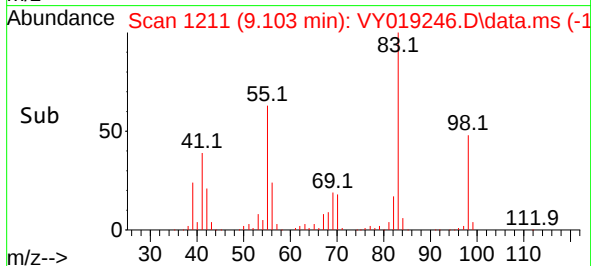
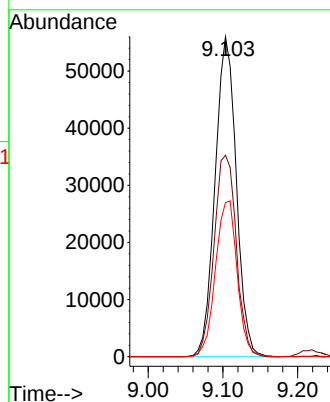
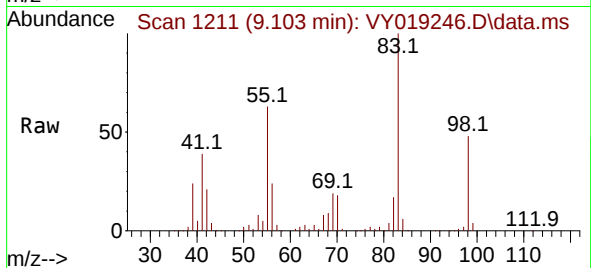
Tgt Ion: 83 Resp: 110575

Ion Ratio Lower Upper

83 100

55 62.9 51.5 77.3

98 48.2 40.5 60.7



#40

Benzene

Concen: 50.502 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019246.D

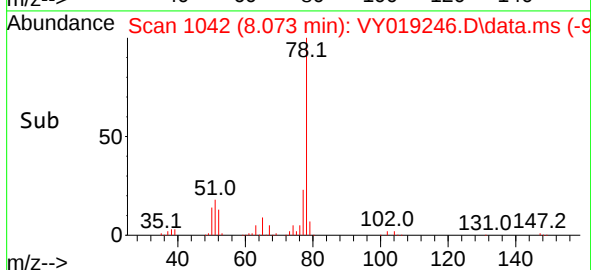
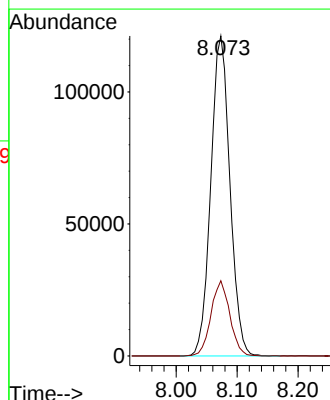
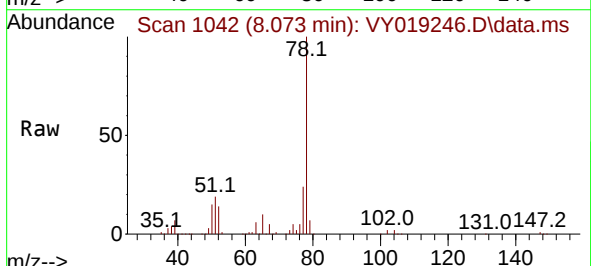
Acq: 23 Aug 2024 09:45

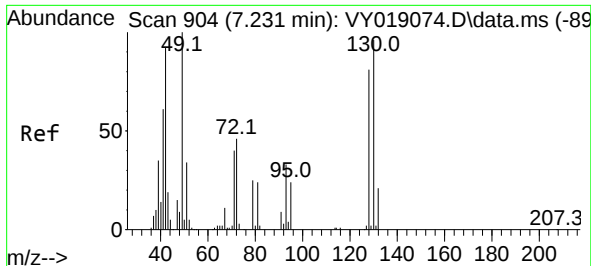
Tgt Ion: 78 Resp: 264291

Ion Ratio Lower Upper

78 100

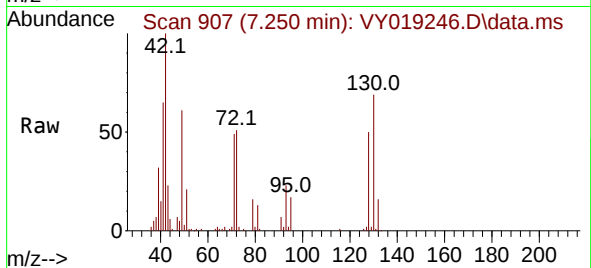
77 23.5 19.5 29.3



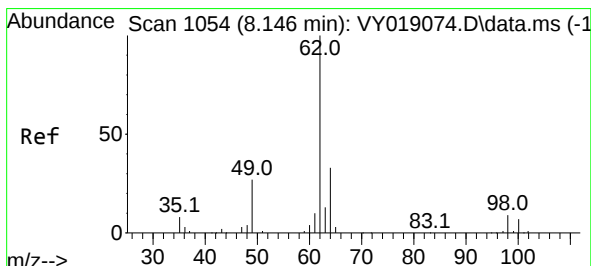
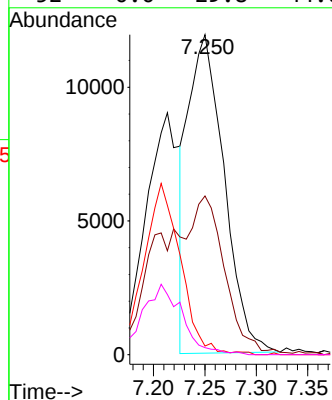
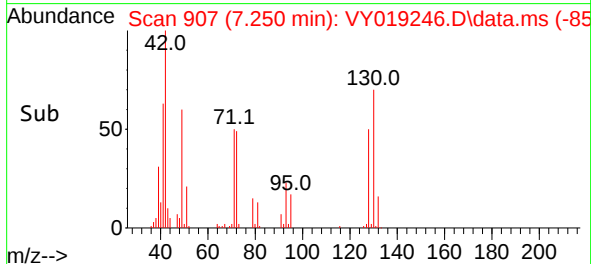


#41
Methacrylonitrile
Concen: 70.223 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.019 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Instrument :
MSVOA_Y
ClientSampleId :

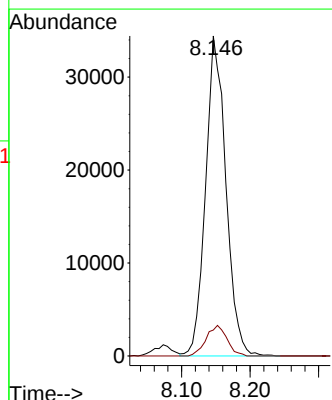
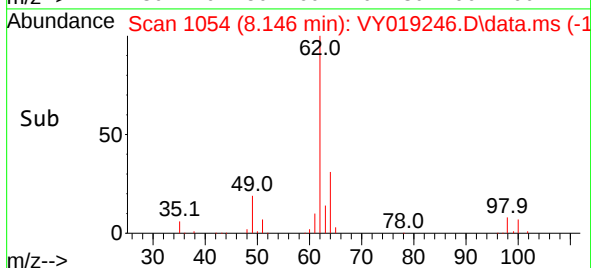
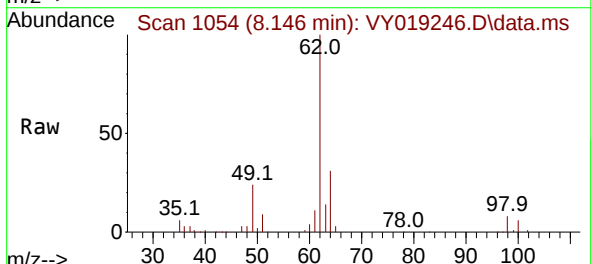


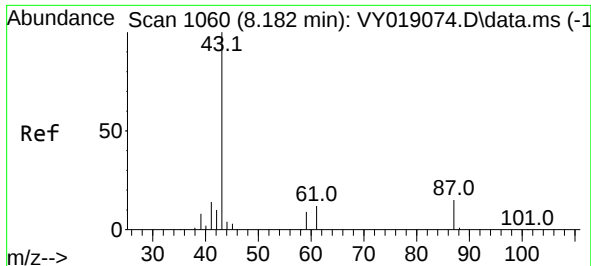
Tgt Ion: 41 Resp: 28976
Ion Ratio Lower Upper
41 100
39 44.3 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 50.337 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 62 Resp: 71137
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.0

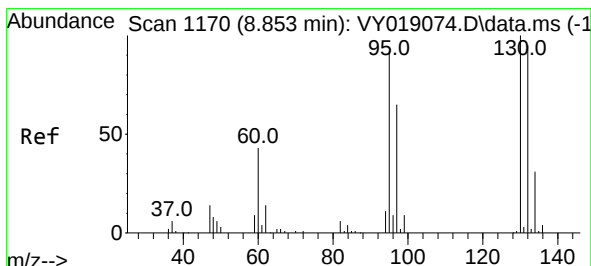
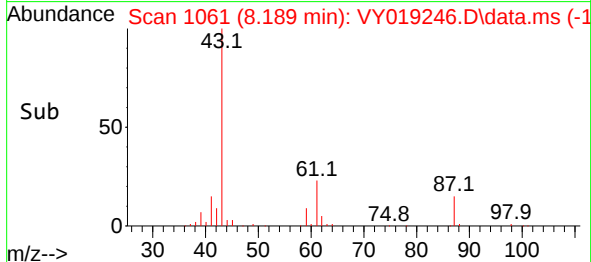
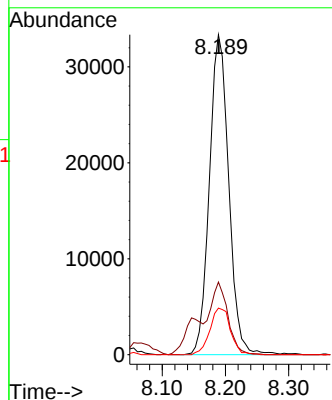
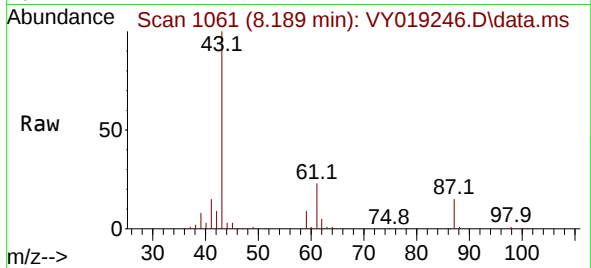




#43
Isopropyl Acetate
Concen: 46.307 ug/l
RT: 8.189 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

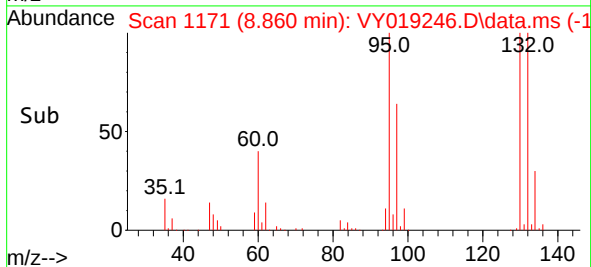
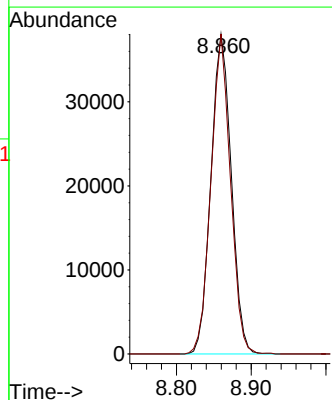
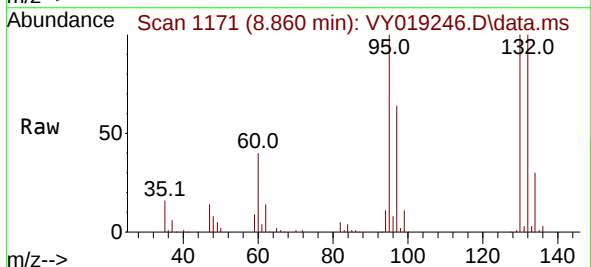
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 70799
Ion Ratio Lower Upper
43 100
61 21.0 27.9 41.9#
87 15.4 13.1 19.7



#44
Trichloroethene
Concen: 49.299 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion:130 Resp: 71988
Ion Ratio Lower Upper
130 100
95 100.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.447 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

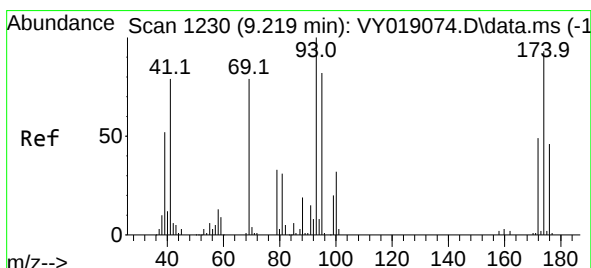
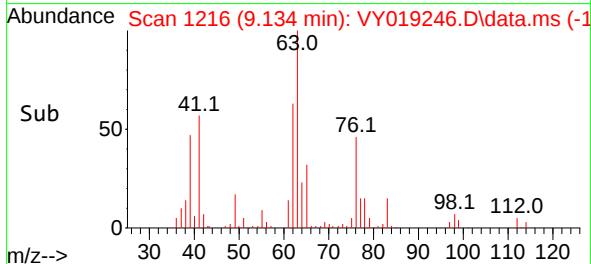
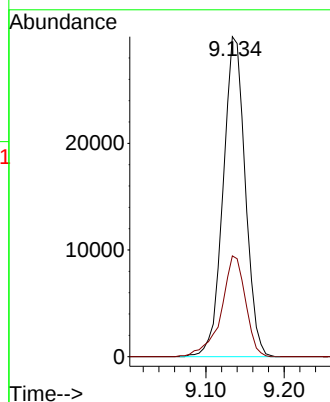
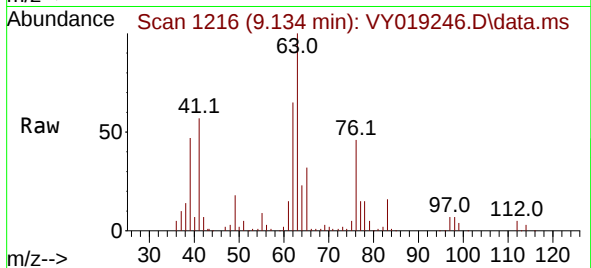
ClientSampleId :

Tgt Ion: 63 Resp: 58821

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 49.941 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

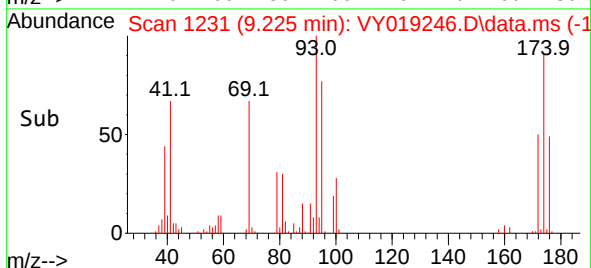
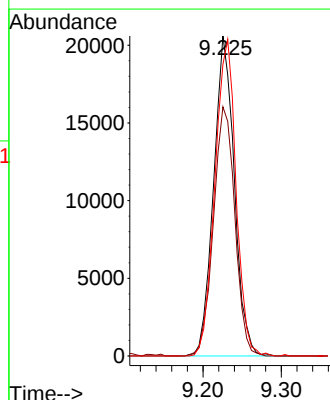
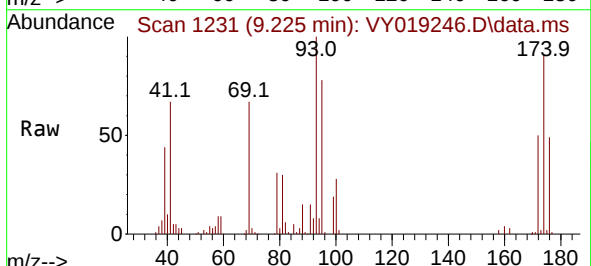
Tgt Ion: 93 Resp: 37768

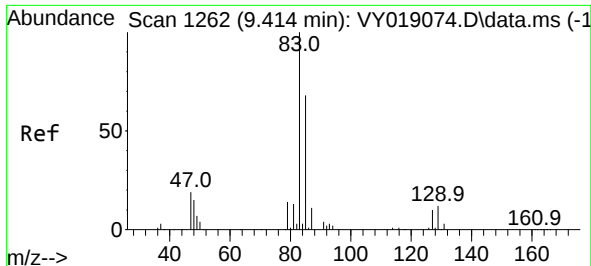
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

174 101.0 80.9 121.3

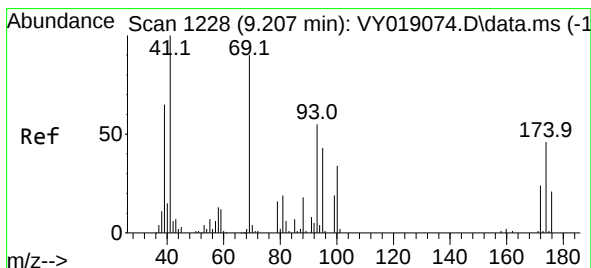
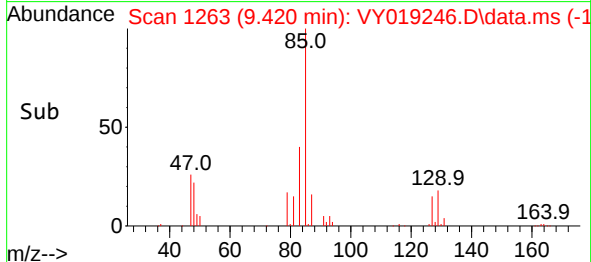
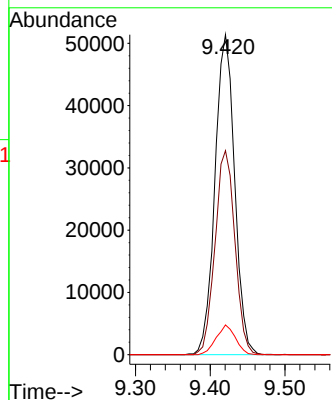
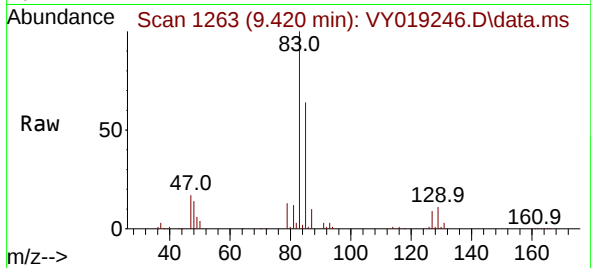




#47
Bromodichloromethane
Concen: 50.633 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

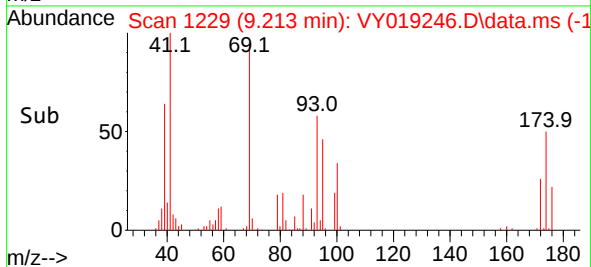
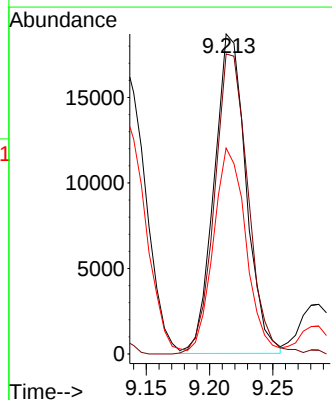
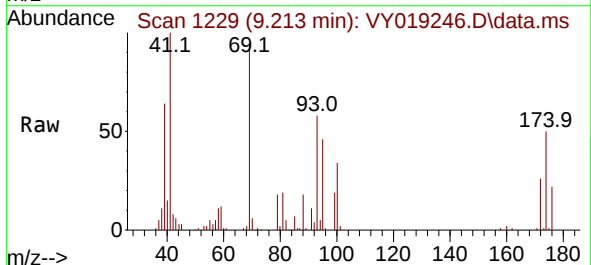
Instrument :
MSVOA_Y
ClientSampleId :

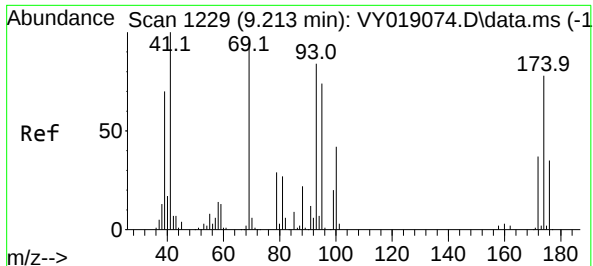
Tgt Ion: 83 Resp: 93944
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 48.167 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 41 Resp: 32820
Ion Ratio Lower Upper
41 100
69 98.0 84.1 126.1
39 63.5 43.6 65.4





#49

1,4-Dioxane

Concen: 885.165 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

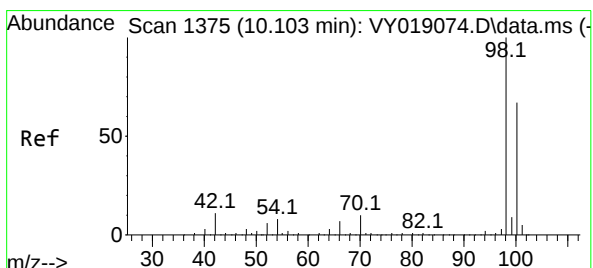
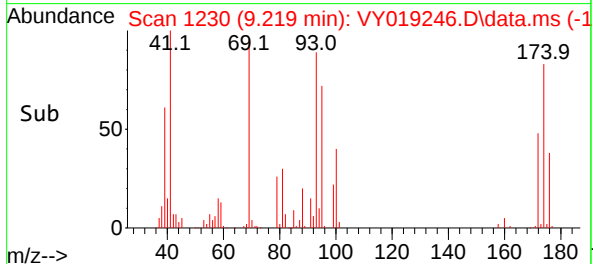
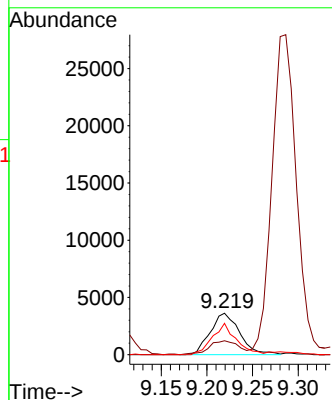
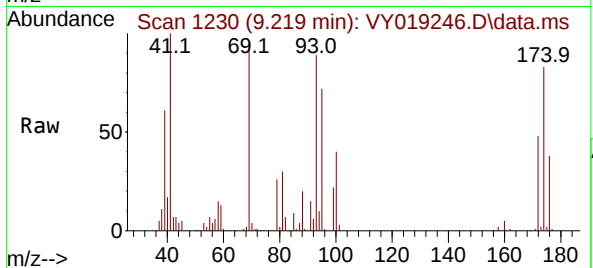
Tgt Ion: 88 Resp: 8109

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 60.9 49.3 73.9



#50

Toluene-d8

Concen: 48.786 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019246.D

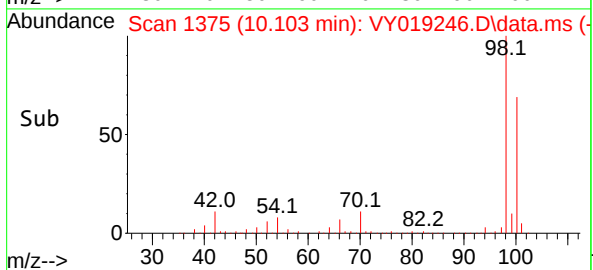
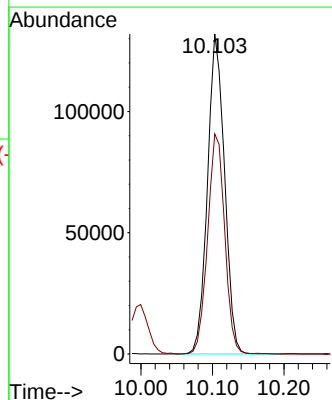
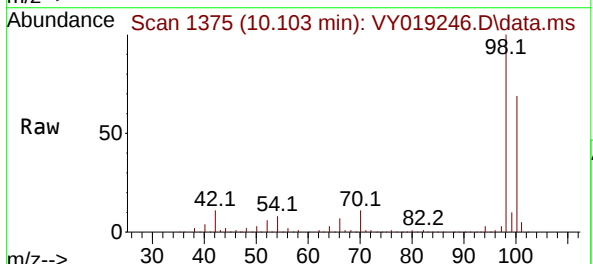
Acq: 23 Aug 2024 09:45

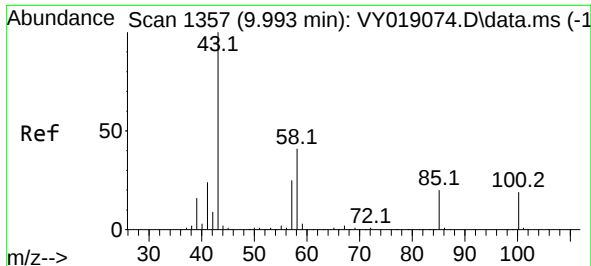
Tgt Ion: 98 Resp: 218160

Ion Ratio Lower Upper

98 100

100 68.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 233.951 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

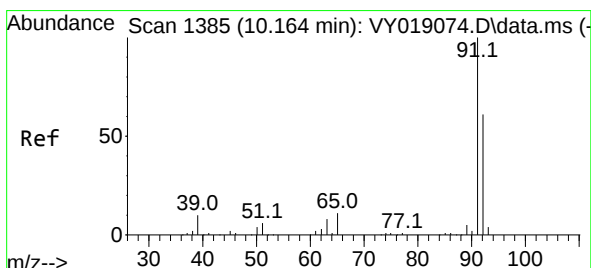
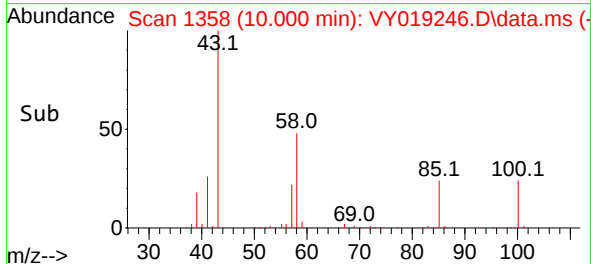
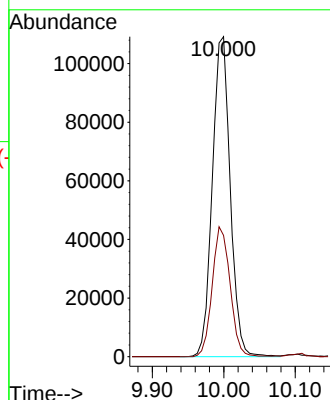
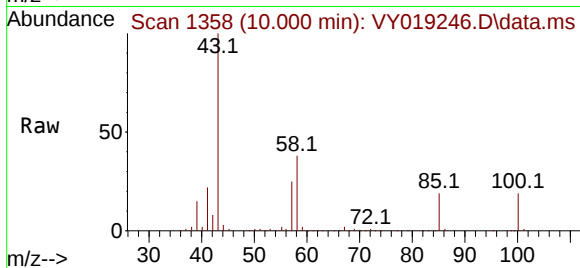
ClientSampleId :

Tgt Ion: 43 Resp: 189848

Ion Ratio Lower Upper

43 100

58 40.6 35.7 53.5



#52

Toluene

Concen: 51.848 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019246.D

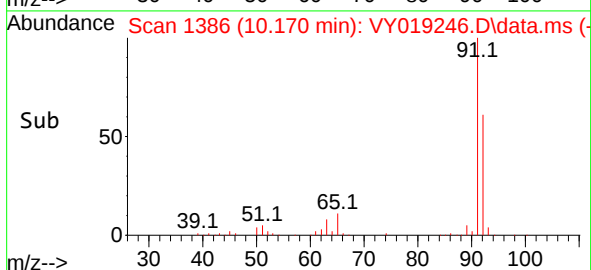
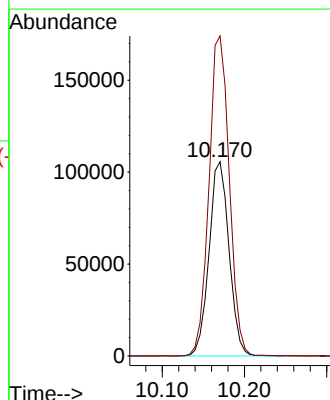
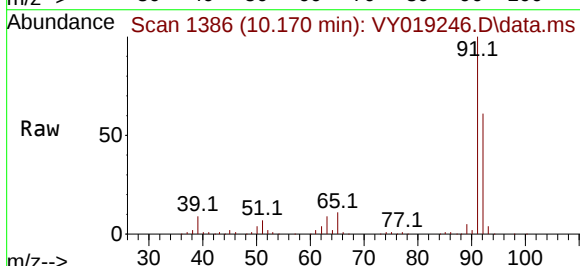
Acq: 23 Aug 2024 09:45

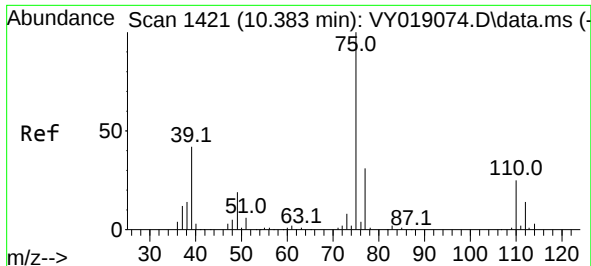
Tgt Ion: 92 Resp: 178110

Ion Ratio Lower Upper

92 100

91 167.7 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 52.059 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

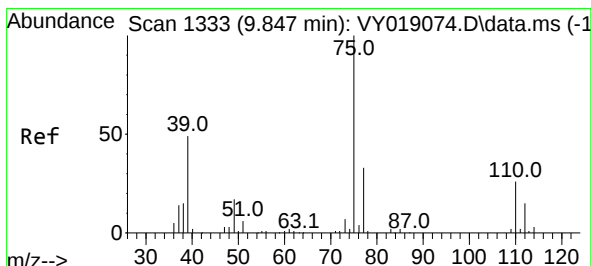
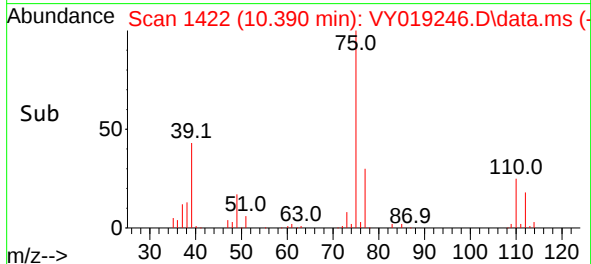
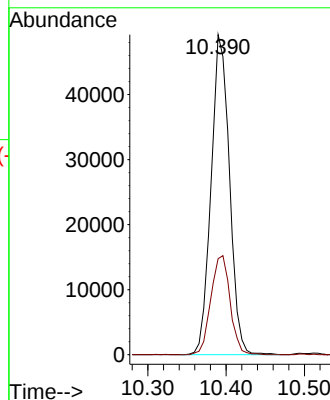
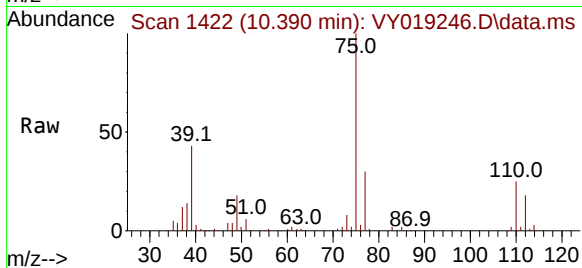
ClientSampleId :

Tgt Ion: 75 Resp: 80124

Ion Ratio Lower Upper

75 100

77 30.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 50.164 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

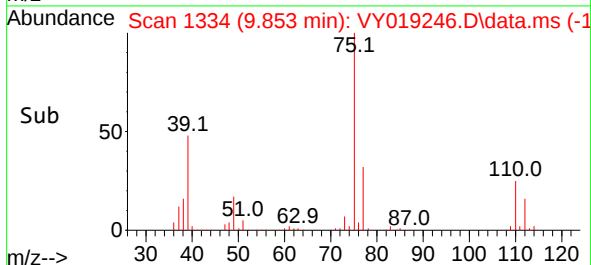
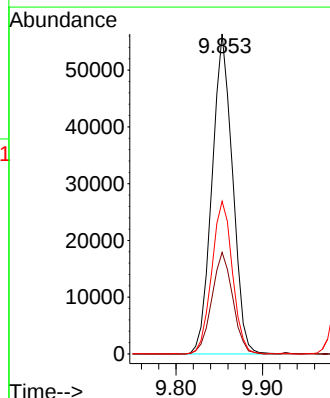
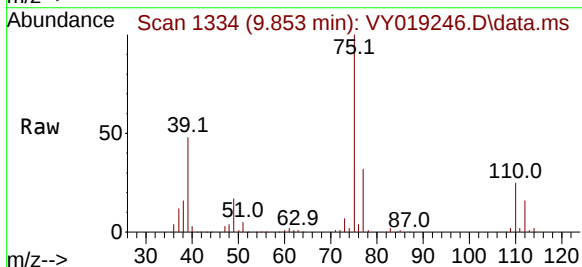
Tgt Ion: 75 Resp: 92853

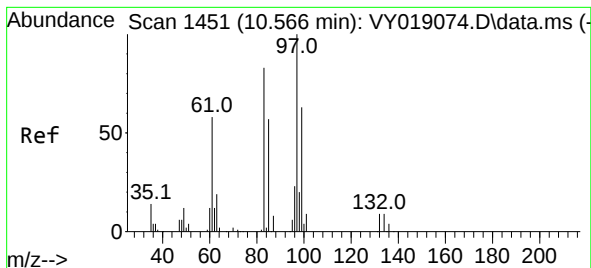
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 47.7 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 49.912 ug/l

RT: 10.573 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 48592

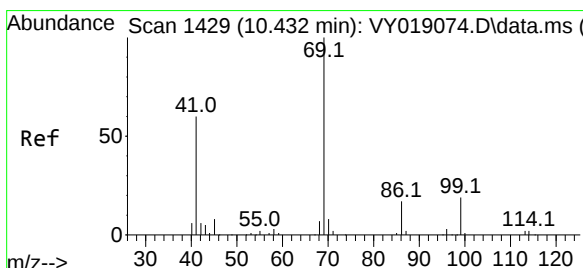
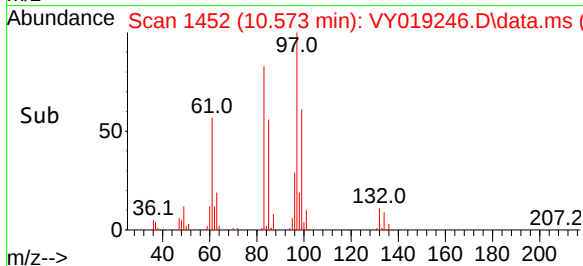
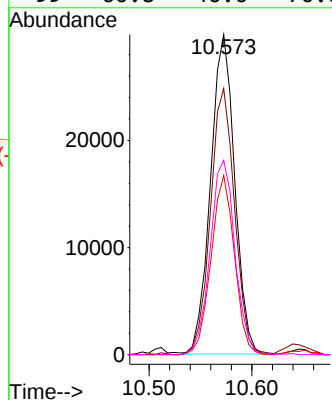
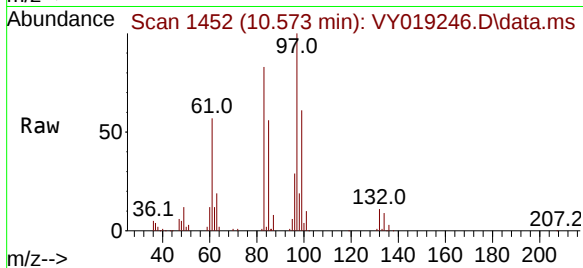
Ion Ratio Lower Upper

97 100

83 83.3 67.5 101.3

85 56.1 42.9 64.3

99 60.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.409 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

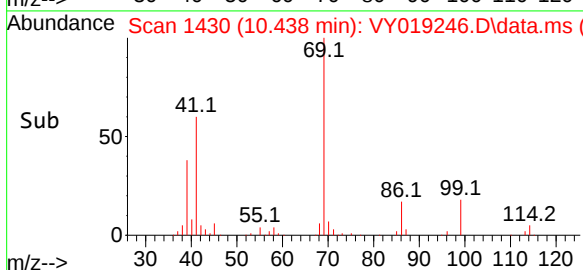
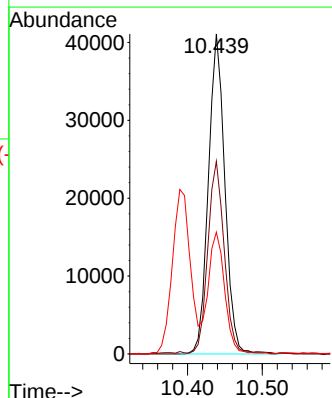
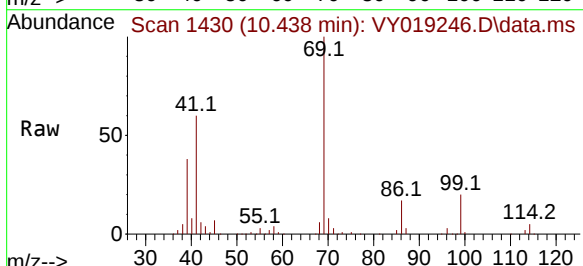
Tgt Ion: 69 Resp: 62962

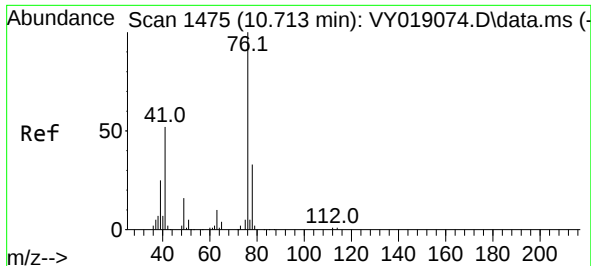
Ion Ratio Lower Upper

69 100

41 60.3 42.3 63.5

39 37.8 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 49.260 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

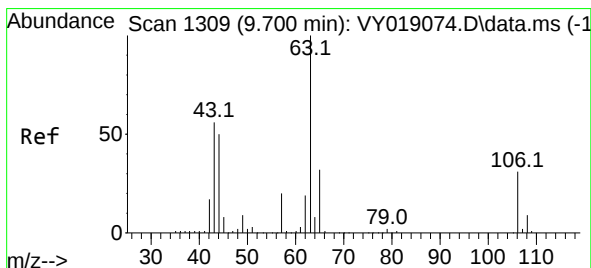
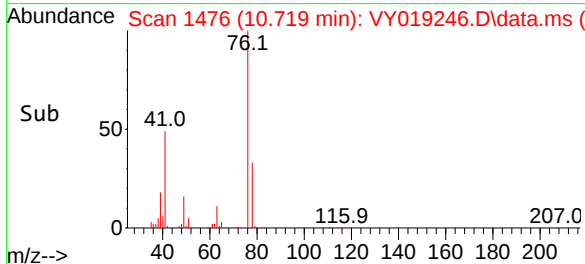
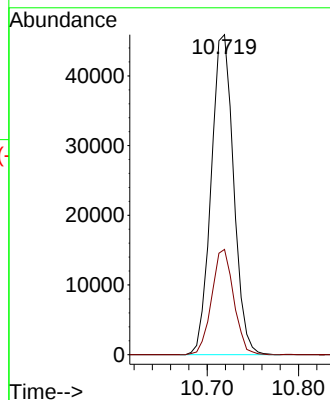
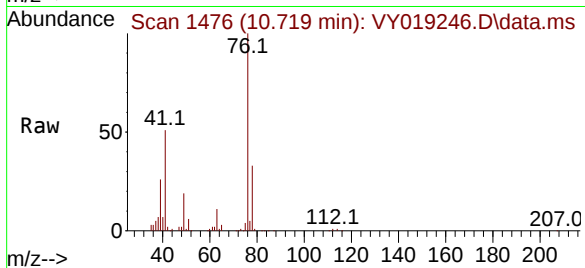
ClientSampleId :

Tgt Ion: 76 Resp: 78178

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 233.190 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019246.D

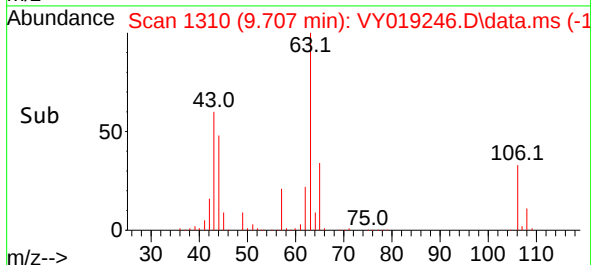
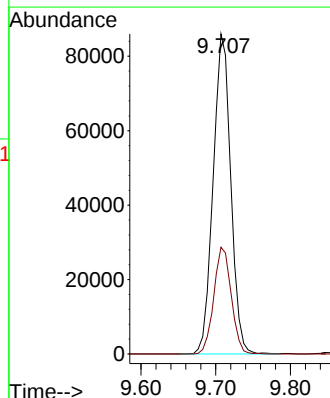
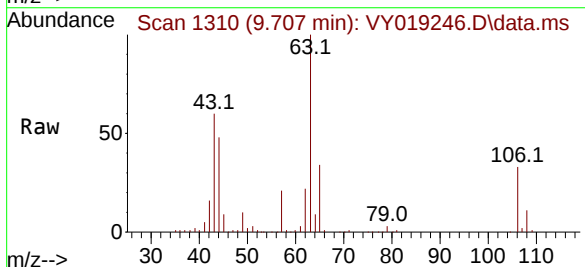
Acq: 23 Aug 2024 09:45

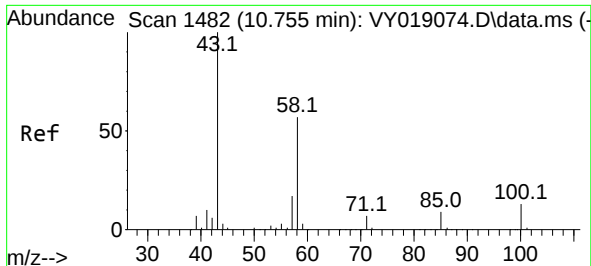
Tgt Ion: 63 Resp: 140969

Ion Ratio Lower Upper

63 100

106 33.1 23.7 35.5

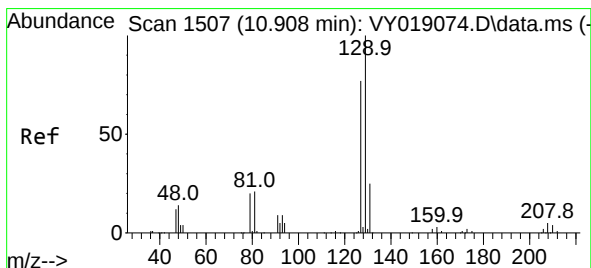
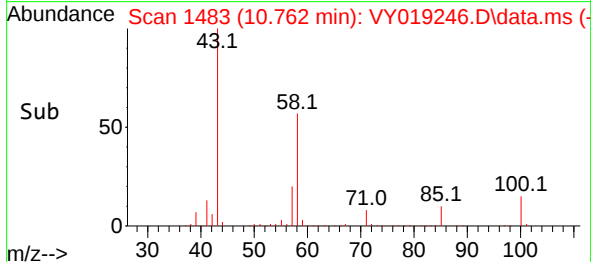
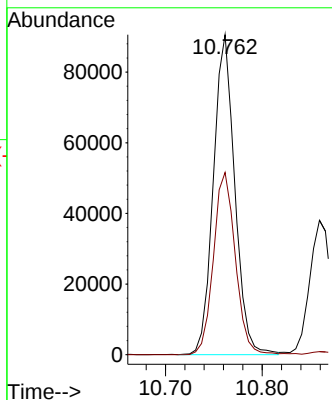
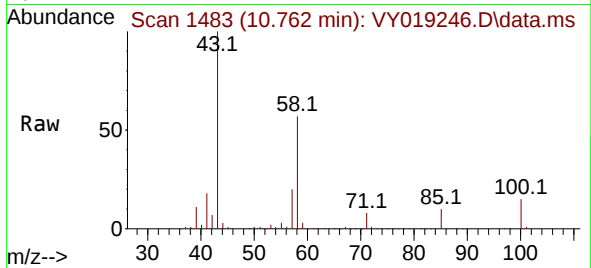




#59
2-Hexanone
Concen: 249.864 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

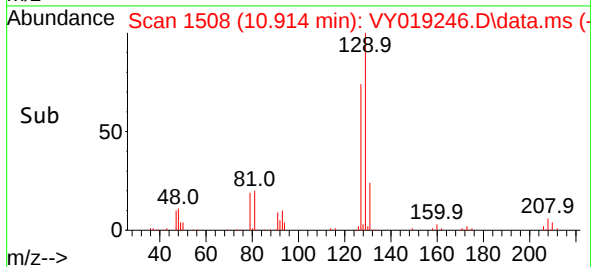
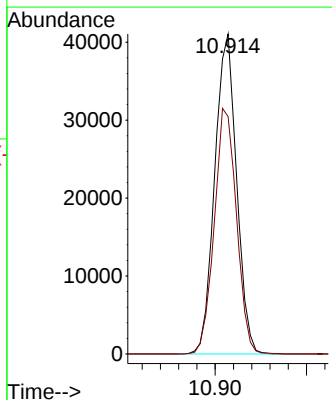
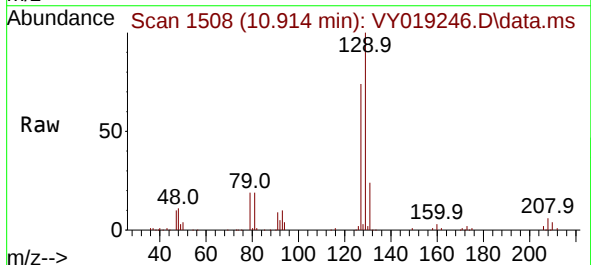
Instrument :
MSVOA_Y
ClientSampleId :

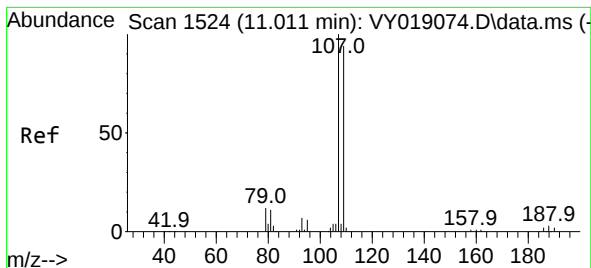
Tgt Ion: 43 Resp: 139301
Ion Ratio Lower Upper
43 100
58 58.4 31.4 94.0



#60
Dibromochloromethane
Concen: 51.436 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion:129 Resp: 68204
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 49.503 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

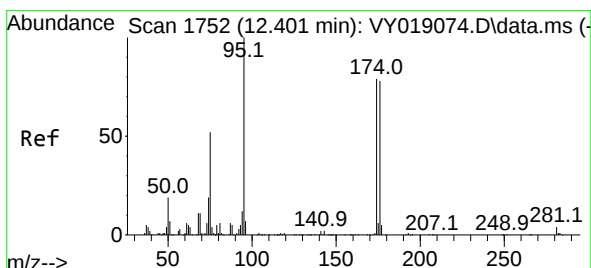
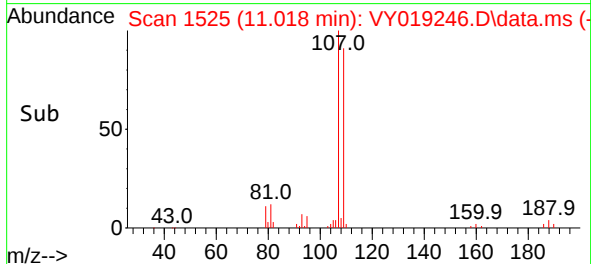
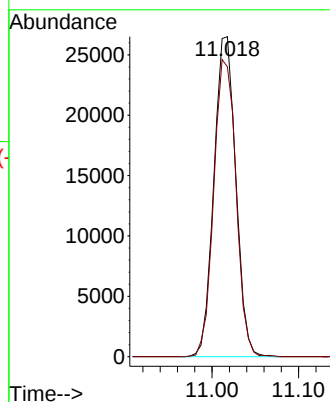
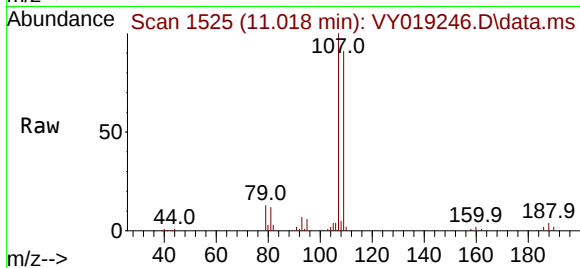
ClientSampleId :

Tgt Ion:107 Resp: 46581

Ion Ratio Lower Upper

107 100

109 94.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 49.531 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

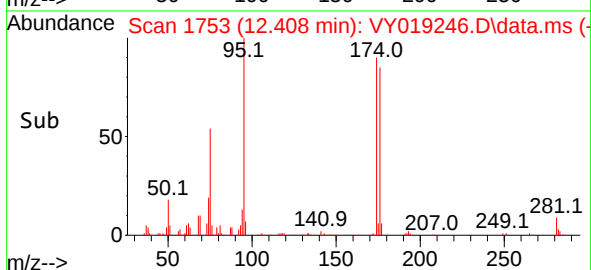
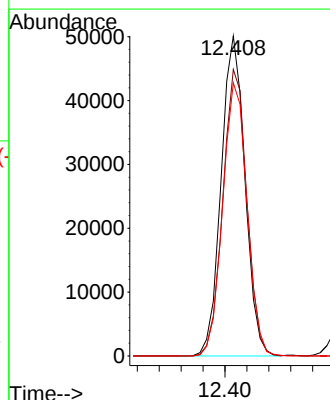
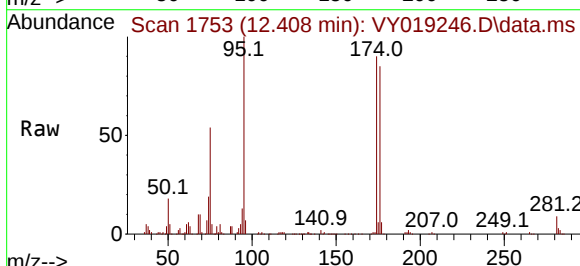
Tgt Ion: 95 Resp: 75507

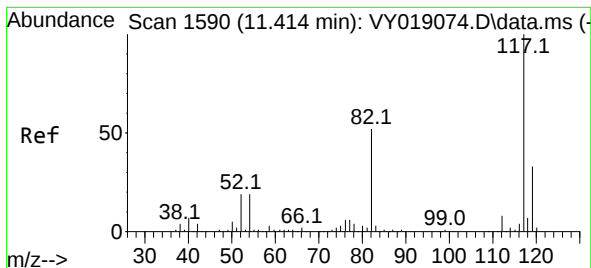
Ion Ratio Lower Upper

95 100

174 90.3 0.0 175.6

176 87.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

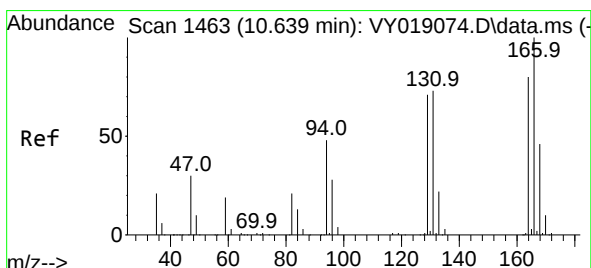
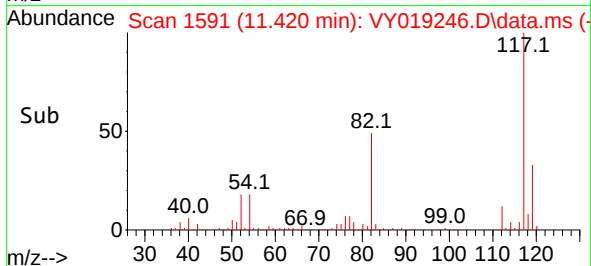
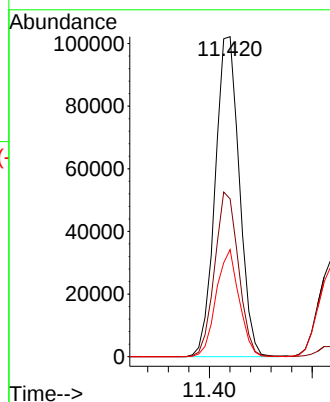
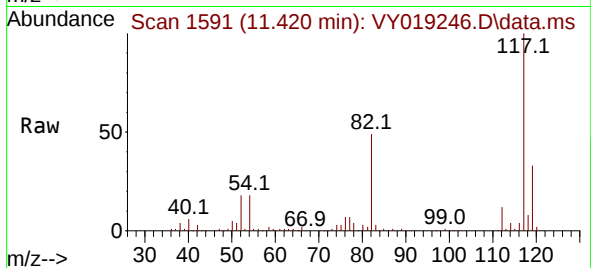
Tgt Ion:117 Resp: 166546

Ion Ratio Lower Upper

117 100

82 49.3 42.4 63.6

119 33.4 25.9 38.9



#64

Tetrachloroethene

Concen: 49.819 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Tgt Ion:164 Resp: 72523

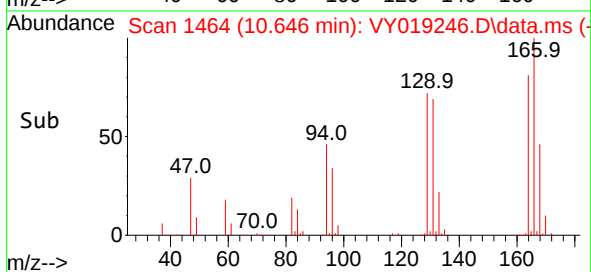
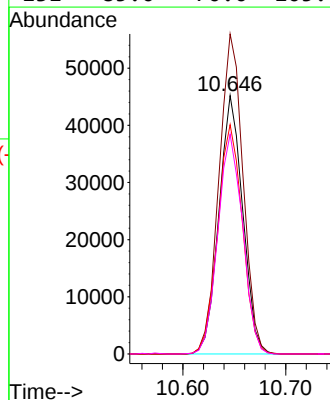
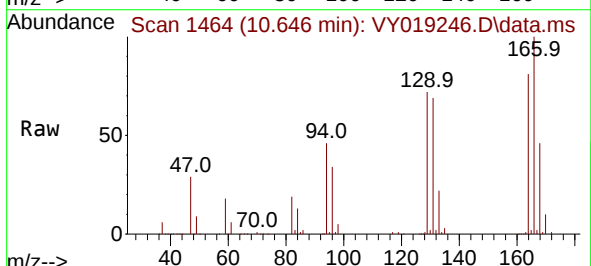
Ion Ratio Lower Upper

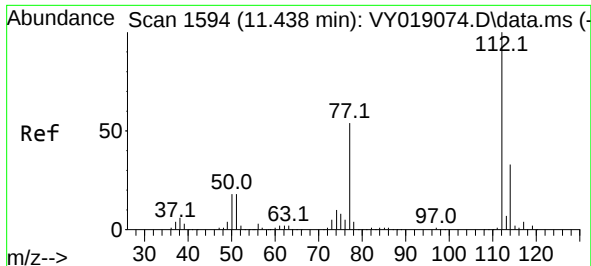
164 100

166 123.8 102.6 154.0

129 88.7 72.0 108.0

131 85.0 70.0 105.0

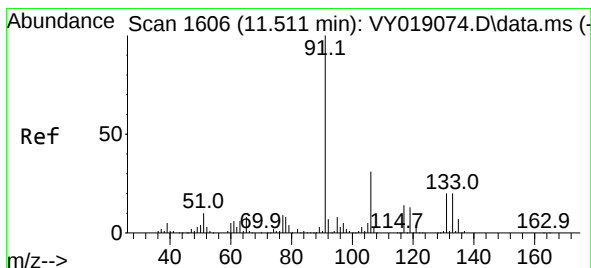
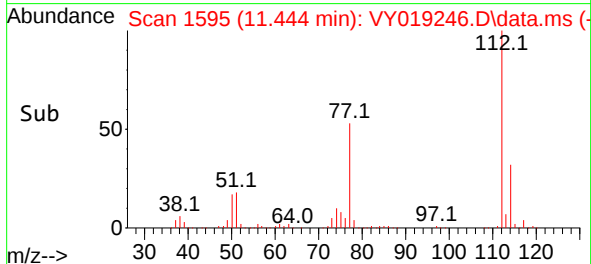
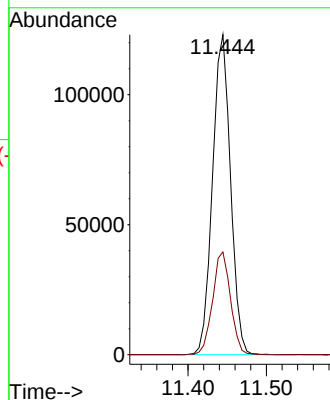
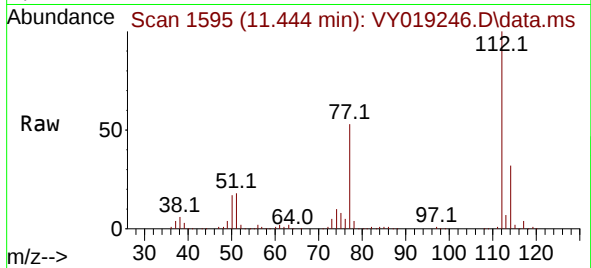




#65
Chlorobenzene
Concen: 51.213 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

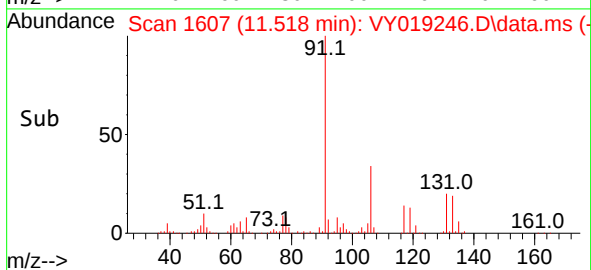
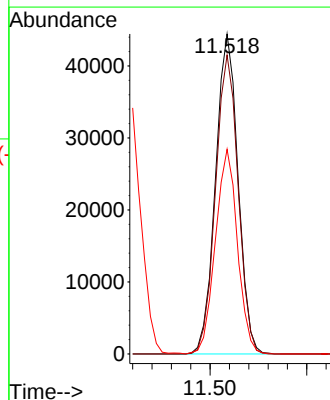
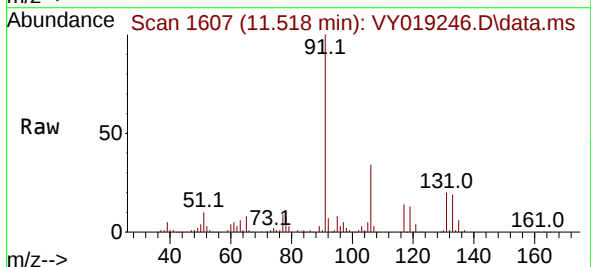
Instrument :
MSVOA_Y
ClientSampleId :

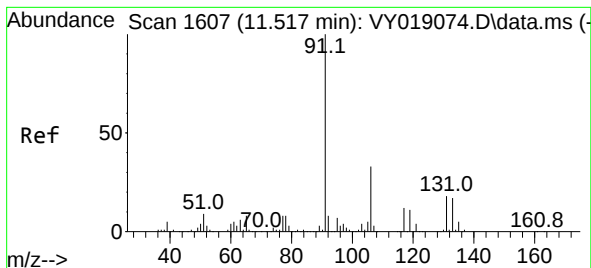
Tgt Ion:112 Resp: 196400
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.244 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion:131 Resp: 71805
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.3
119 62.6 34.1 102.2





#67

Ethyl Benzene

Concen: 52.213 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

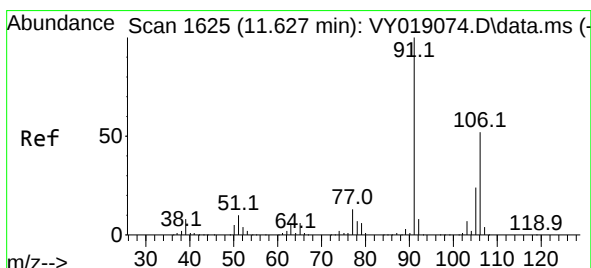
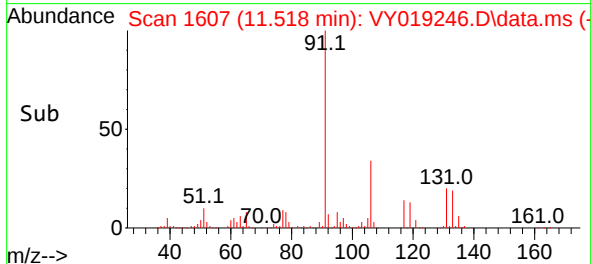
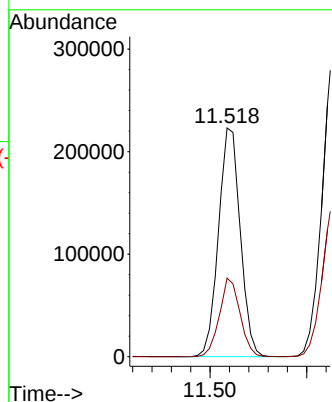
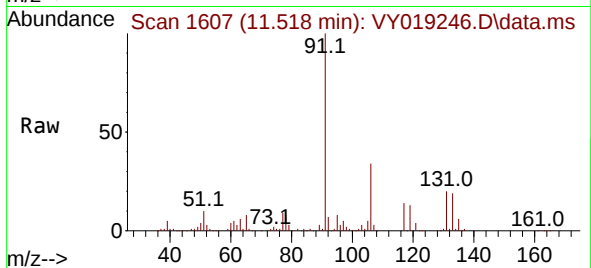
ClientSampleId :

Tgt Ion: 91 Resp: 347538

Ion Ratio Lower Upper

91 100

106 34.3 24.5 36.7



#68

m/p-Xylenes

Concen: 108.569 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY019246.D

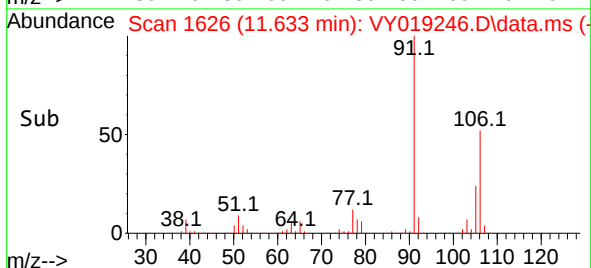
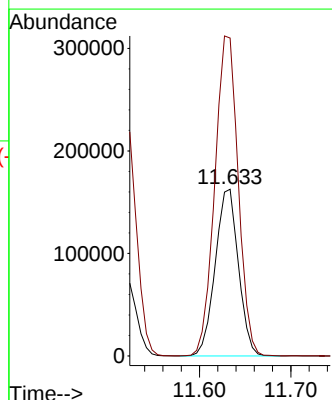
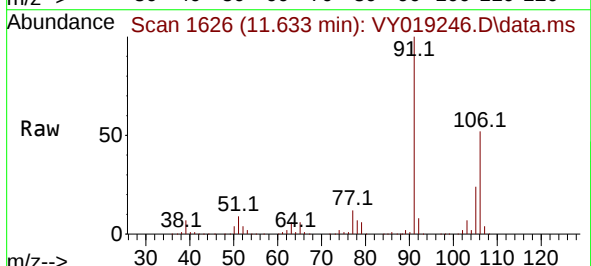
Acq: 23 Aug 2024 09:45

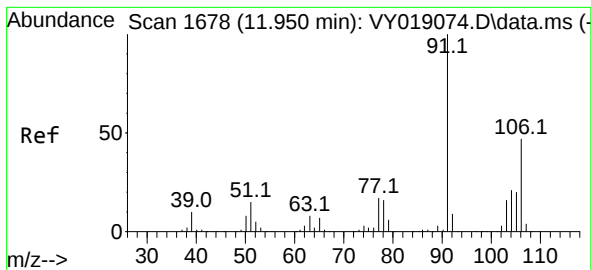
Tgt Ion:106 Resp: 286740

Ion Ratio Lower Upper

106 100

91 193.7 156.0 234.0

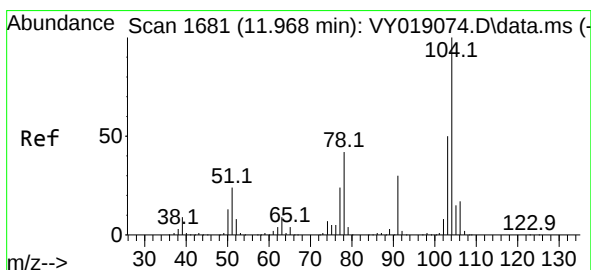
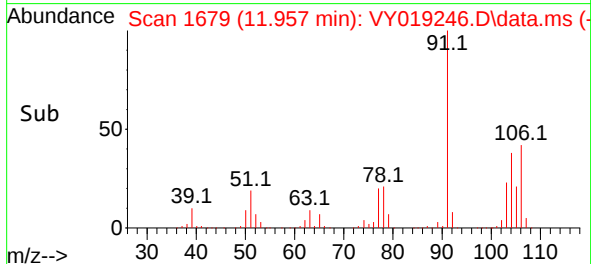
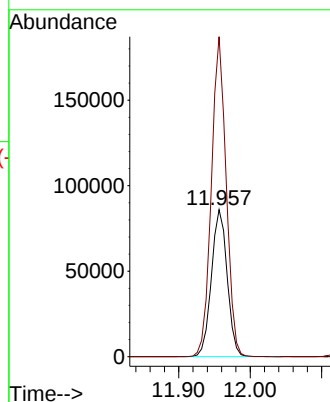
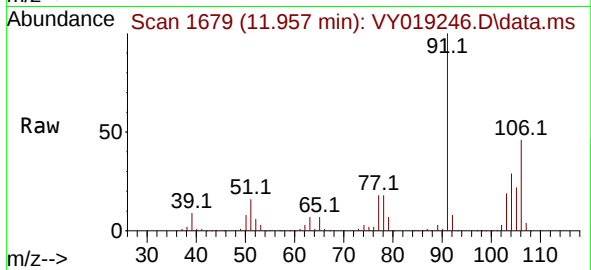




#69
o-Xylene
Concen: 53.692 ug/l
RT: 11.957 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

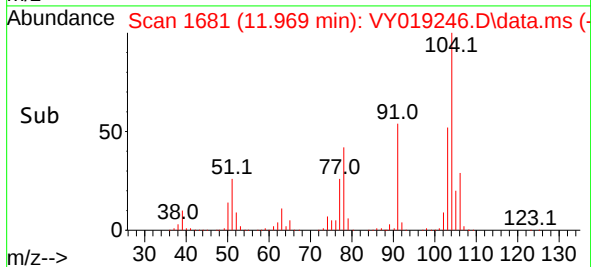
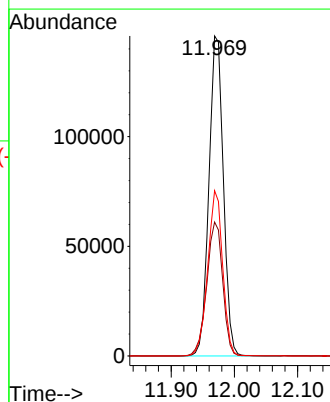
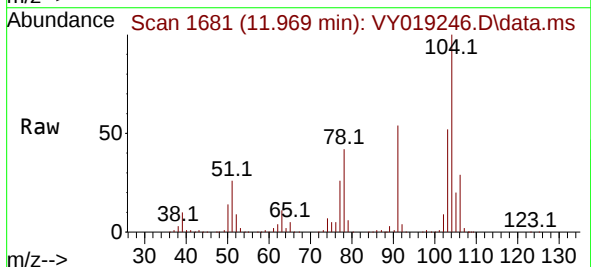
Instrument :
MSVOA_Y
ClientSampleId :

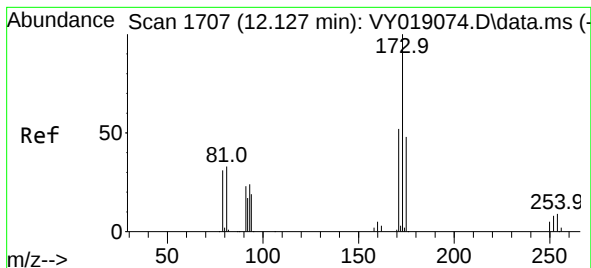
Tgt Ion:106 Resp: 131318
Ion Ratio Lower Upper
106 100
91 205.1 103.6 310.8



#70
Styrene
Concen: 55.645 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion:104 Resp: 232082
Ion Ratio Lower Upper
104 100
78 46.3 37.0 55.4
103 53.6 44.2 66.2





#71

Bromoform

Concen: 52.442 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

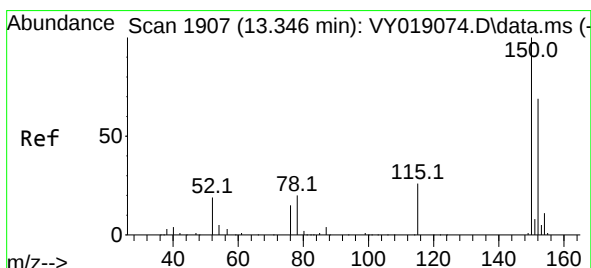
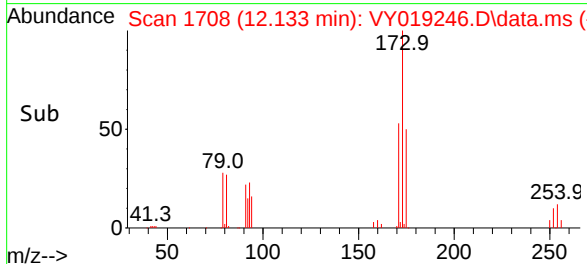
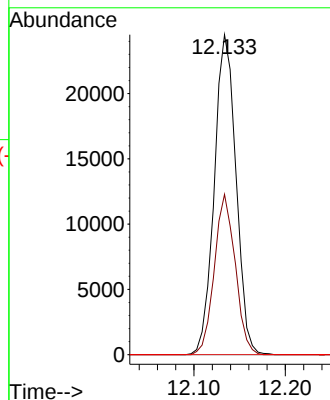
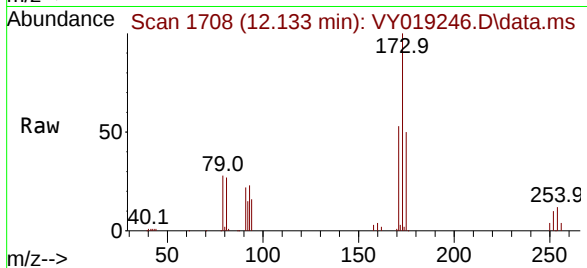
Tgt Ion:173 Resp: 40429

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

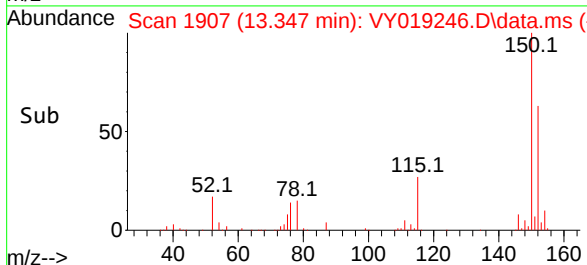
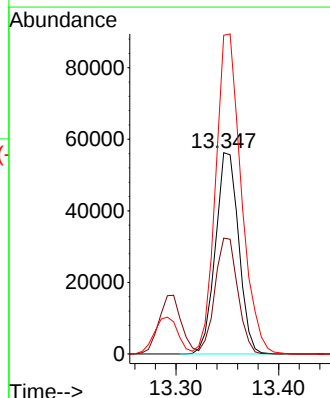
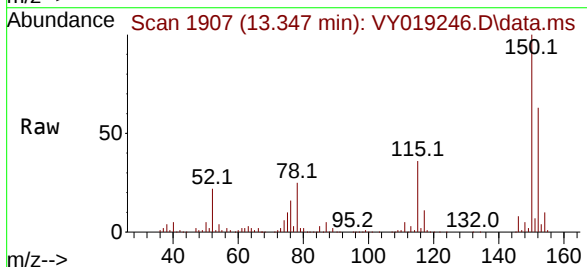
Tgt Ion:152 Resp: 88031

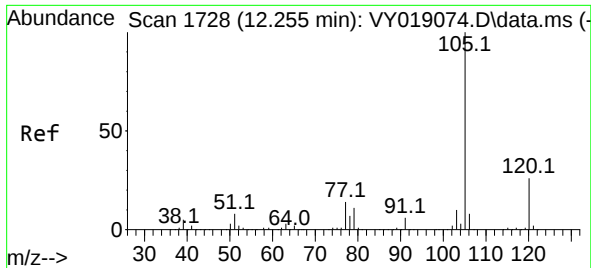
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 175.3 0.0 345.6

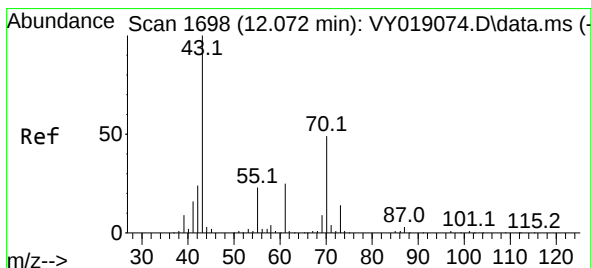
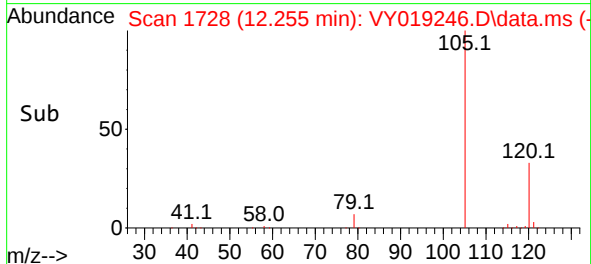
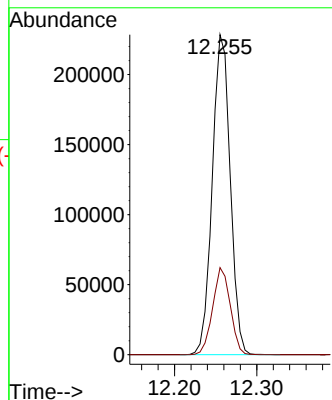
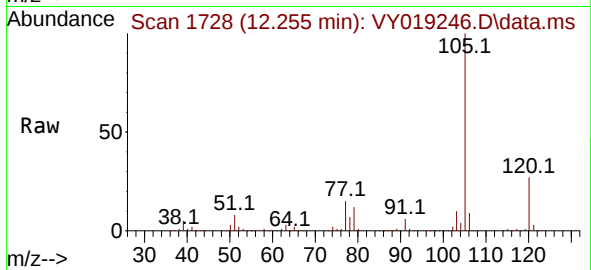




#73
Isopropylbenzene
Concen: 51.359 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

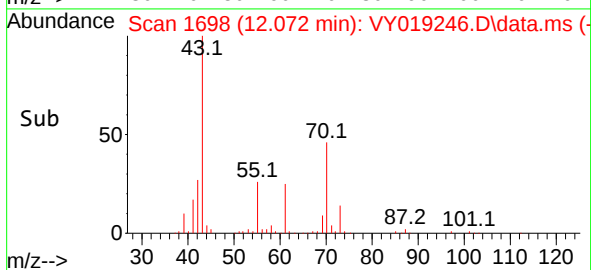
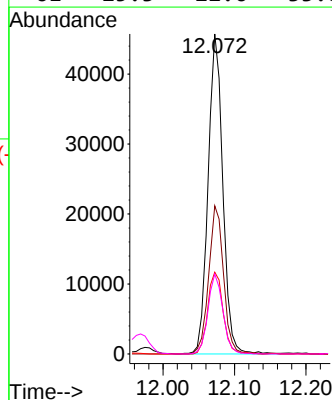
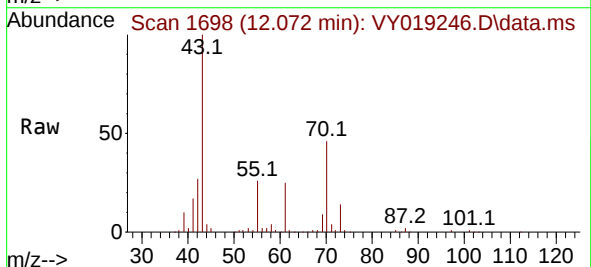
Instrument :
MSVOA_Y
ClientSampleId :

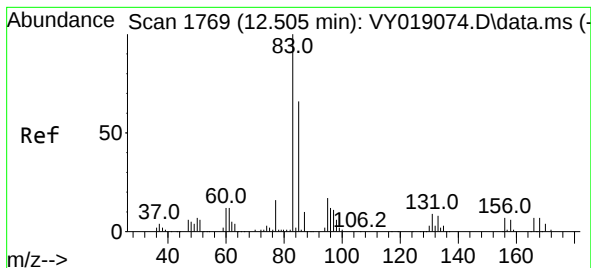
Tgt Ion:105 Resp: 346529
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 44.513 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 43 Resp: 65491
Ion Ratio Lower Upper
43 100
70 46.6 41.4 62.2
55 26.8 23.3 34.9
61 25.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.199 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

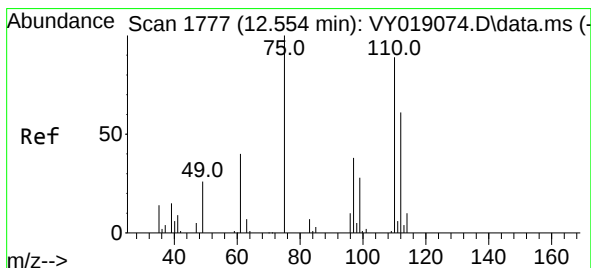
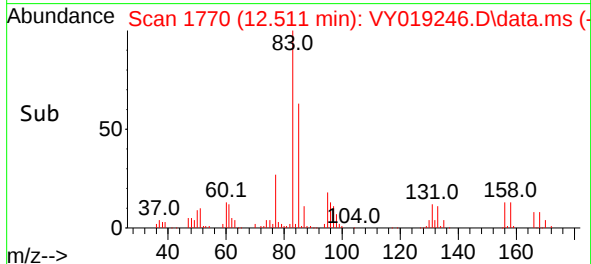
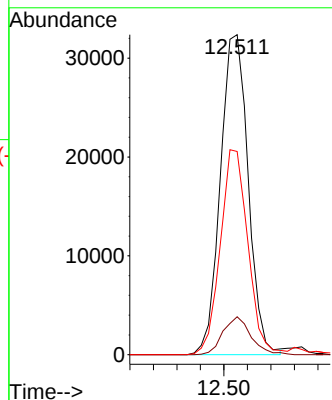
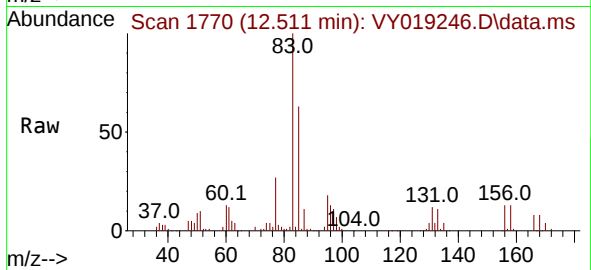
Tgt Ion: 83 Resp: 53091

Ion Ratio Lower Upper

83 100

131 11.9 5.0 14.9

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 79.045 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019246.D

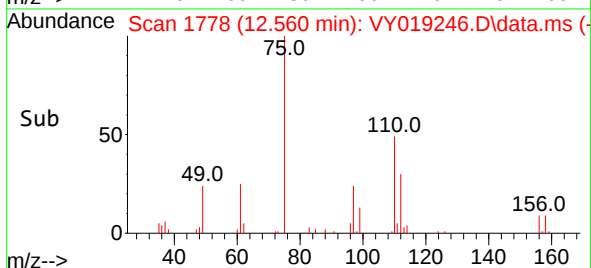
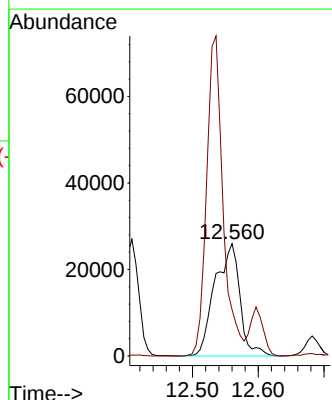
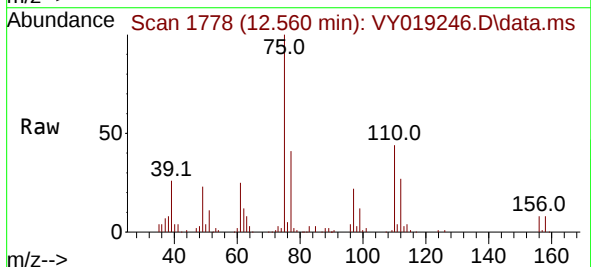
Acq: 23 Aug 2024 09:45

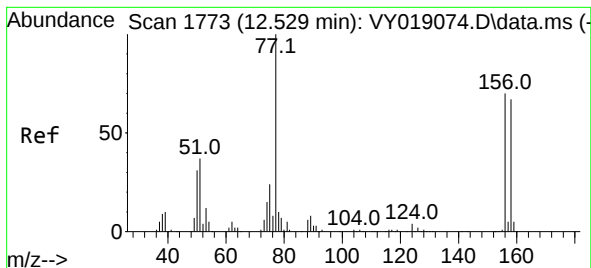
Tgt Ion: 75 Resp: 68623

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.586 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

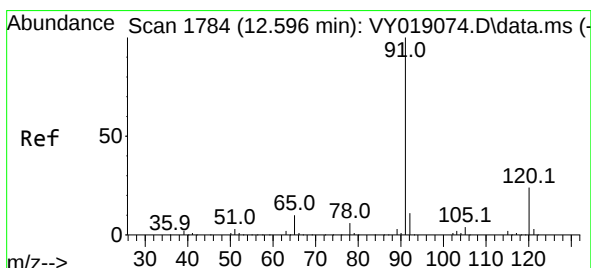
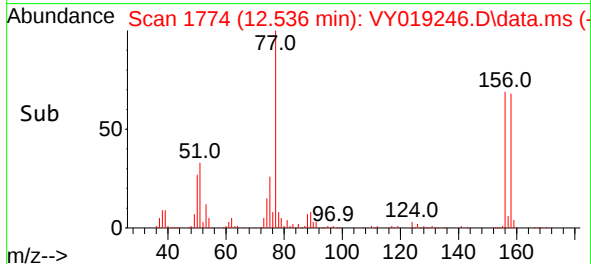
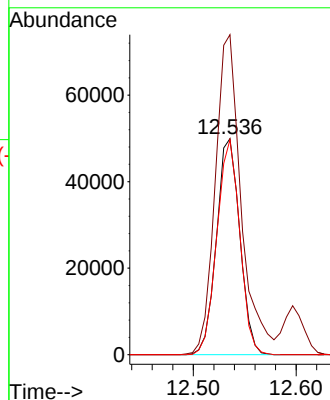
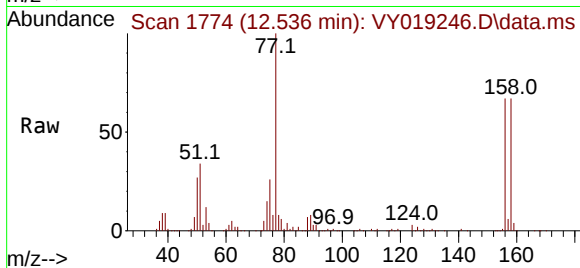
Tgt Ion:156 Resp: 78728

Ion Ratio Lower Upper

156 100

77 164.1 87.1 261.3

158 97.7 48.6 145.9



#78

n-propylbenzene

Concen: 50.480 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019246.D

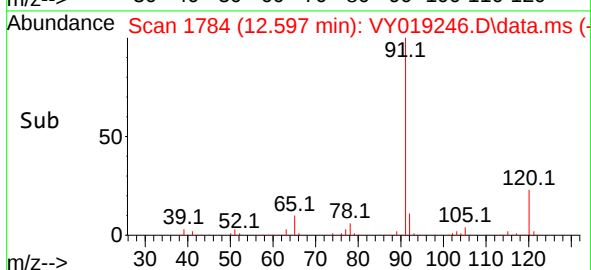
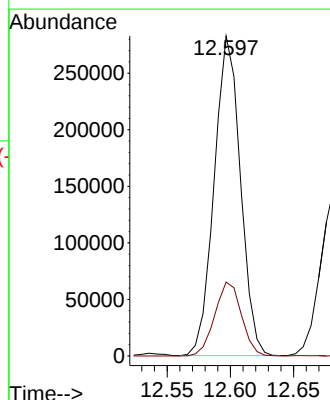
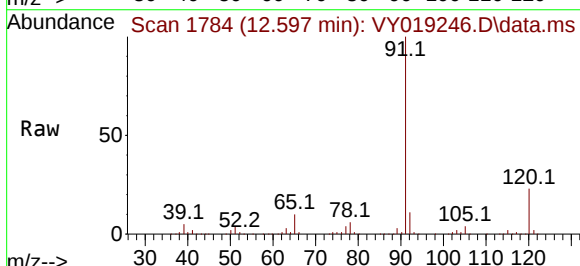
Acq: 23 Aug 2024 09:45

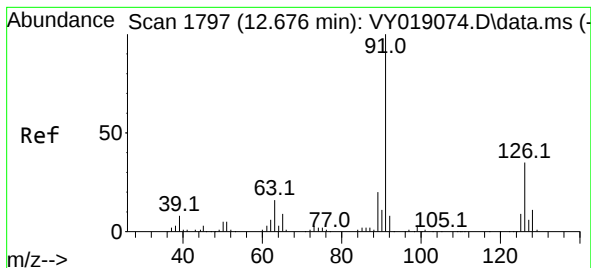
Tgt Ion: 91 Resp: 407158

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.560 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

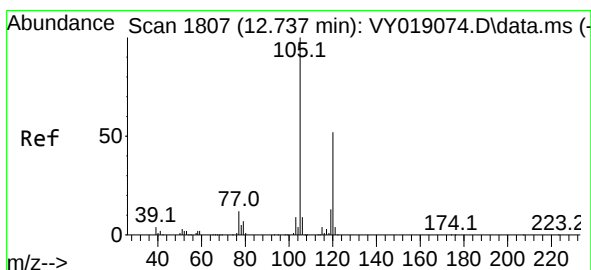
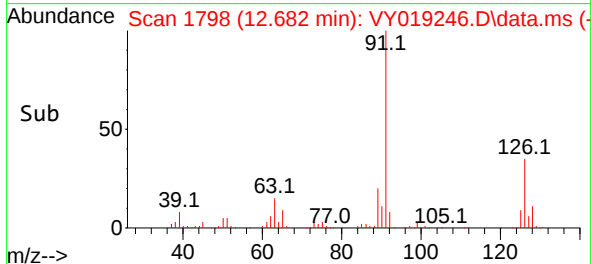
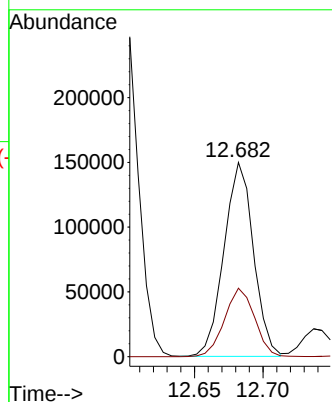
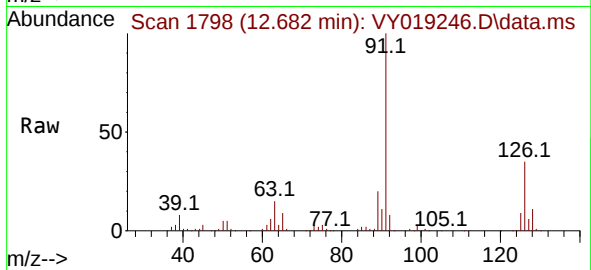
ClientSampleId :

Tgt Ion: 91 Resp: 224112

Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 52.013 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019246.D

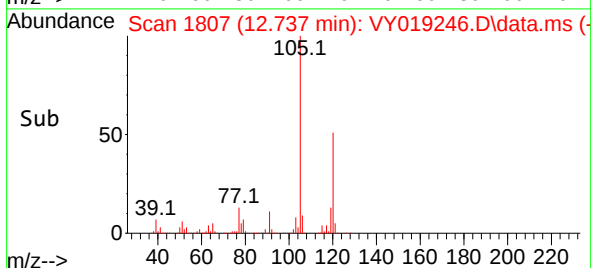
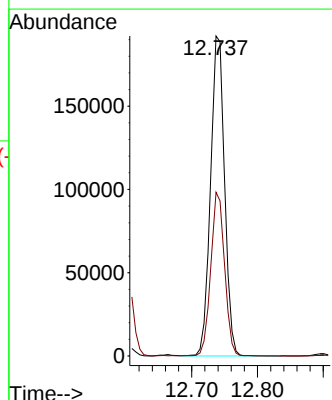
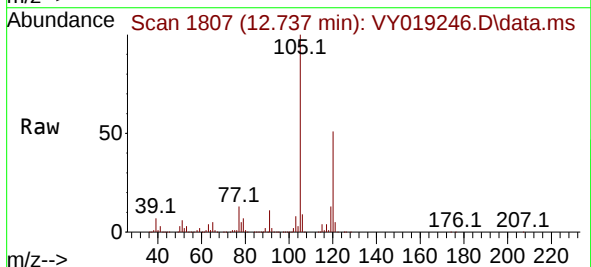
Acq: 23 Aug 2024 09:45

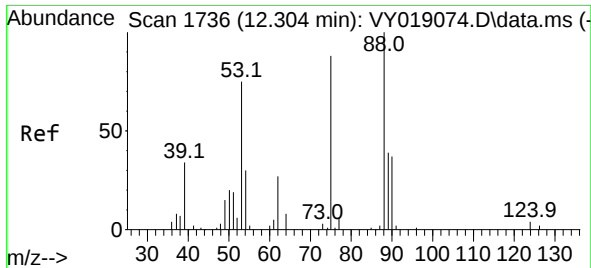
Tgt Ion:105 Resp: 285894

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.2

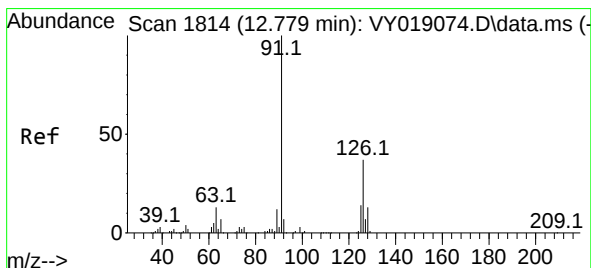
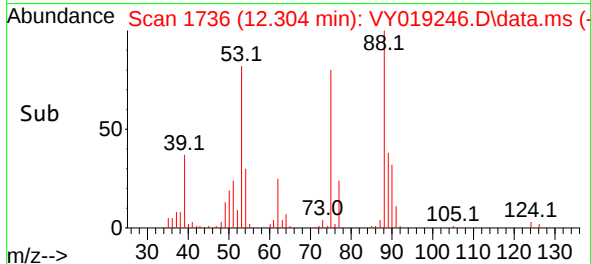
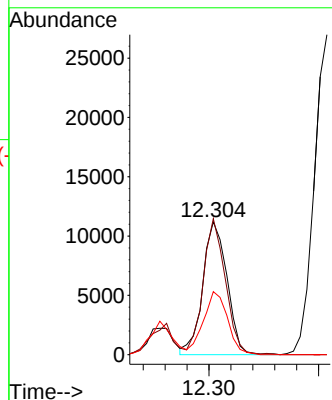
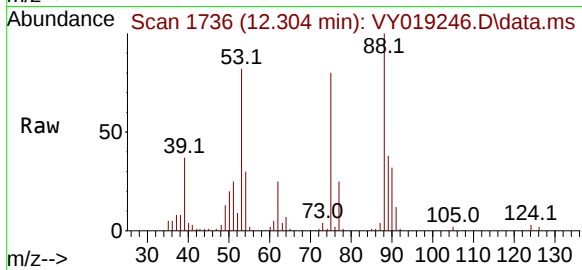




#81
trans-1,4-Dichloro-2-butene
Concen: 48.955 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

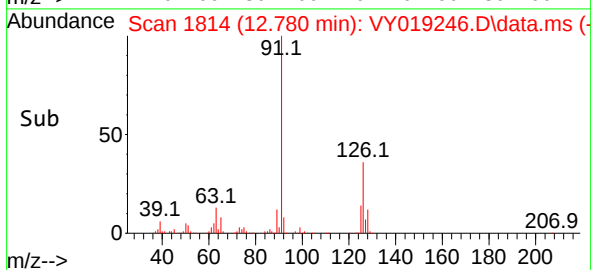
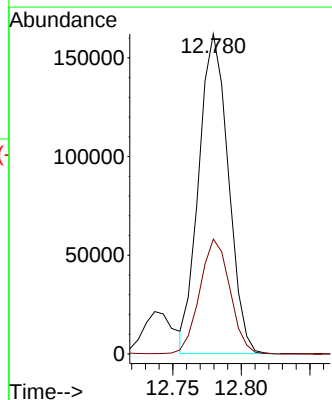
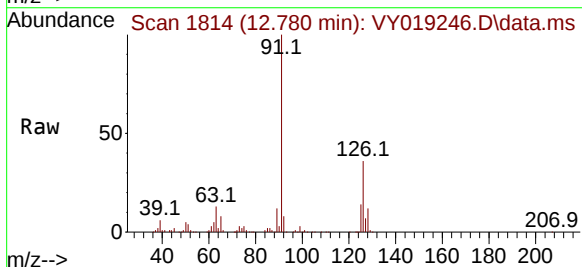
Instrument :
MSVOA_Y
ClientSampleId :

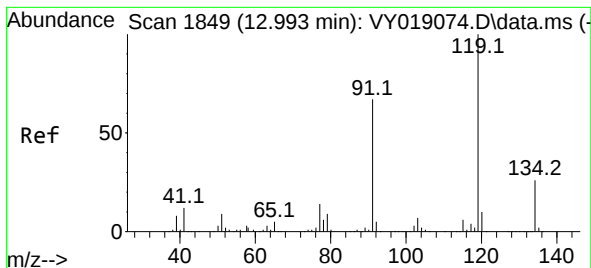
Tgt Ion: 75 Resp: 17209
Ion Ratio Lower Upper
75 100
53 93.5 66.8 100.2
89 47.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.519 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 91 Resp: 242379
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.119 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

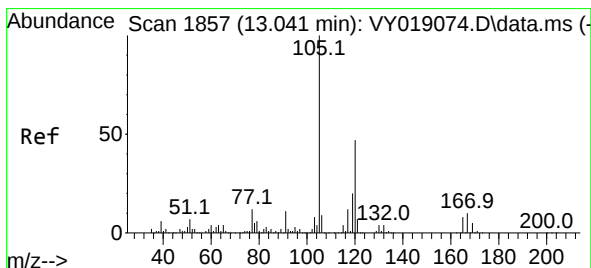
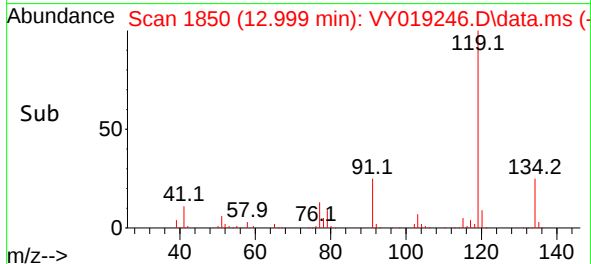
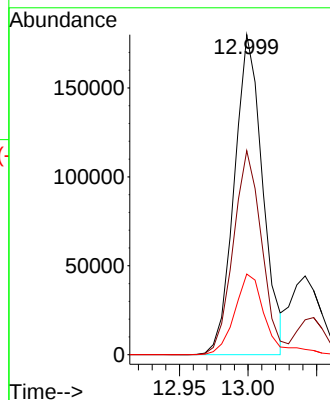
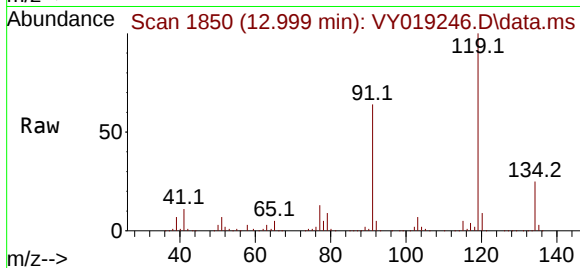
Tgt Ion:119 Resp: 259478

Ion Ratio Lower Upper

119 100

91 64.3 31.3 93.8

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.094 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019246.D

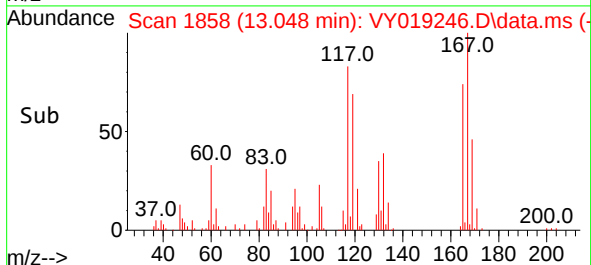
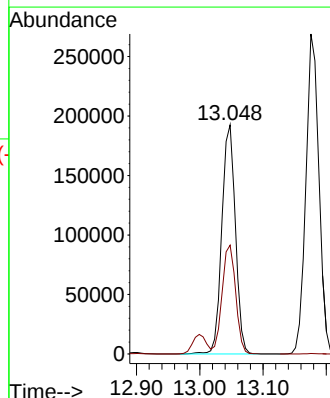
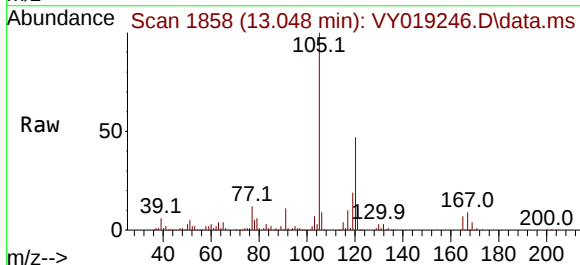
Acq: 23 Aug 2024 09:45

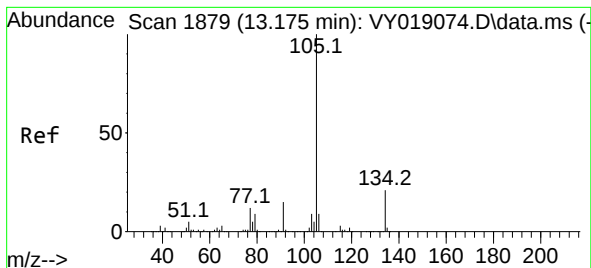
Tgt Ion:105 Resp: 285380

Ion Ratio Lower Upper

105 100

120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.701 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

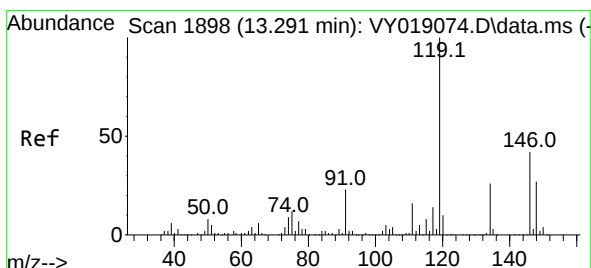
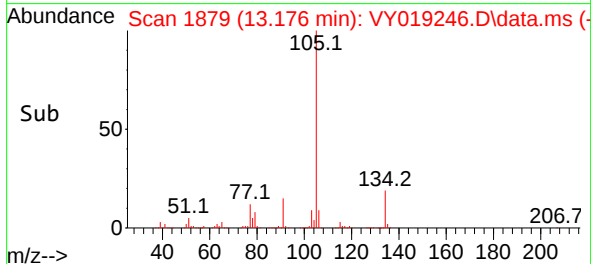
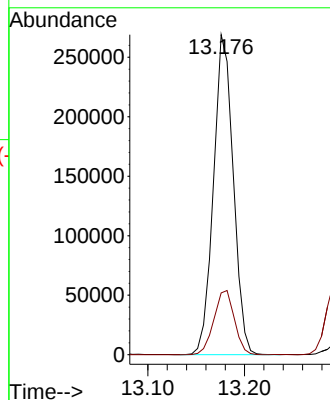
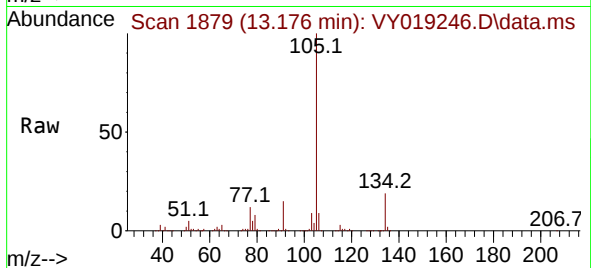
ClientSampleId :

Tgt Ion:105 Resp: 382437

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.638 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

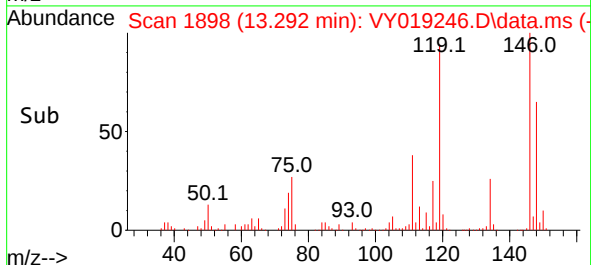
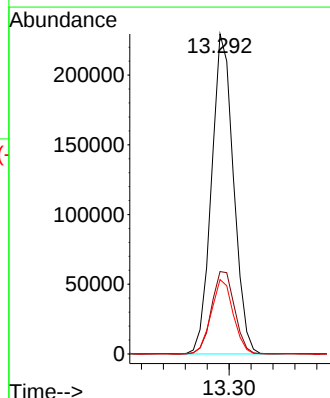
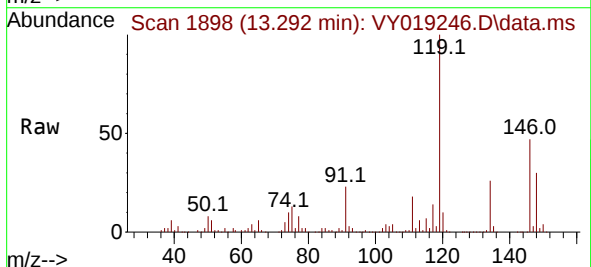
Tgt Ion:119 Resp: 319820

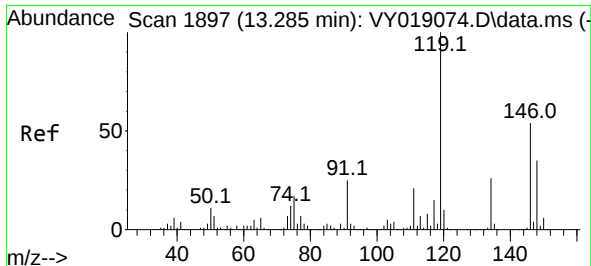
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 23.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.016 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

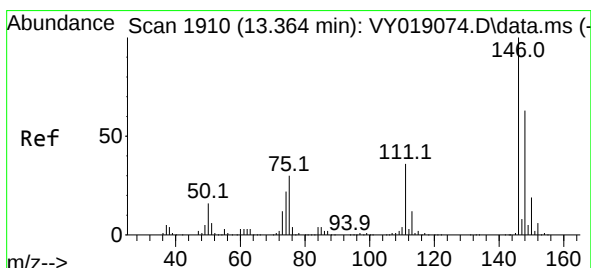
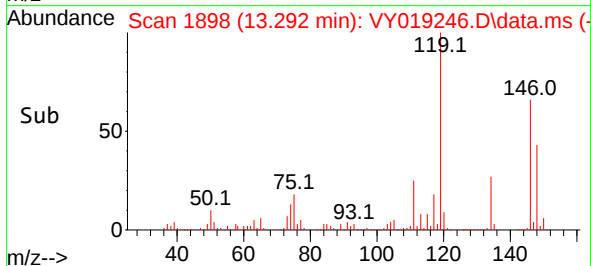
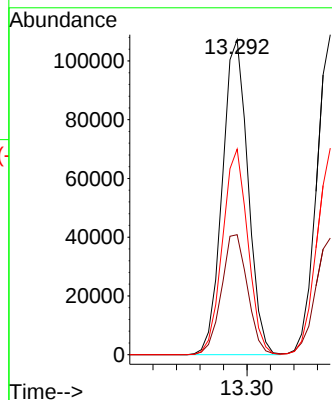
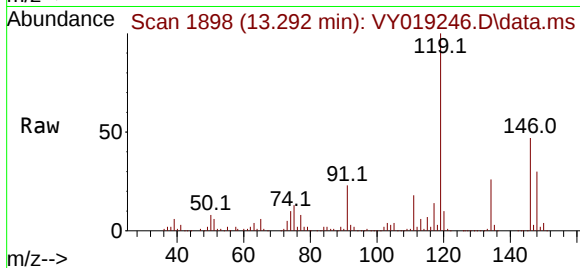
Tgt Ion:146 Resp: 163025

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.058 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

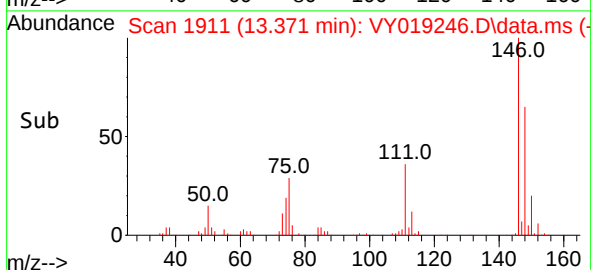
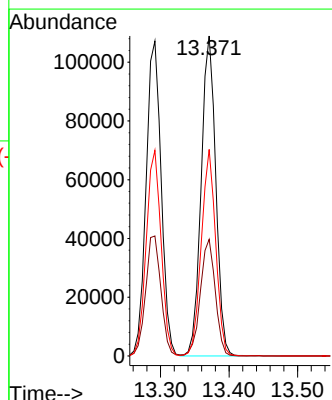
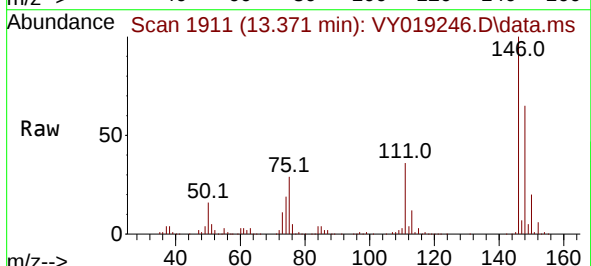
Tgt Ion:146 Resp: 162188

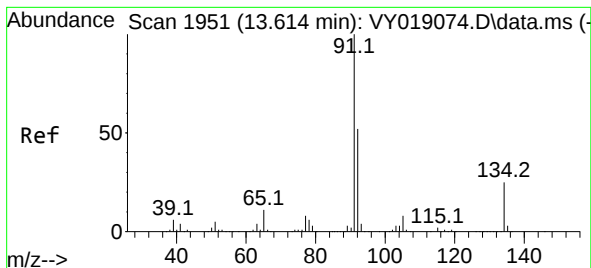
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 51.822 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

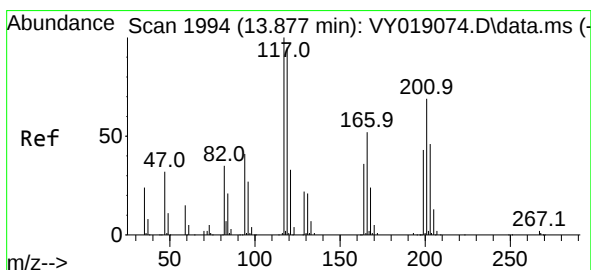
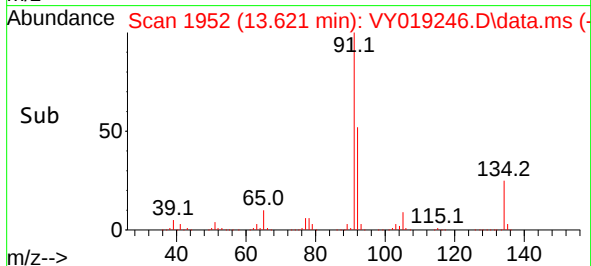
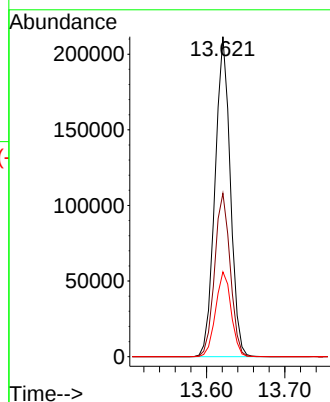
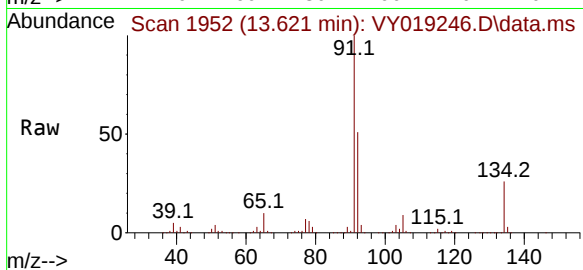
Tgt Ion: 91 Resp: 287065

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 27.0 12.9 38.7



#90

Hexachloroethane

Concen: 50.213 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019246.D

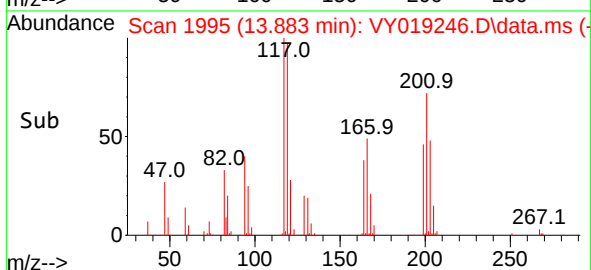
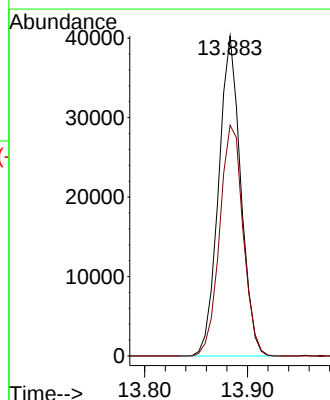
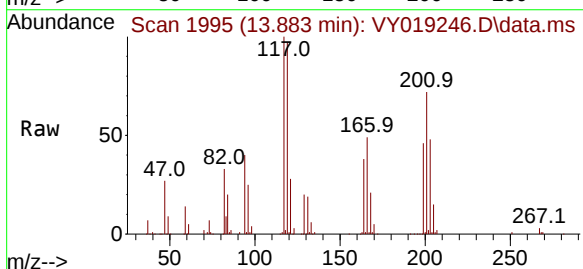
Acq: 23 Aug 2024 09:45

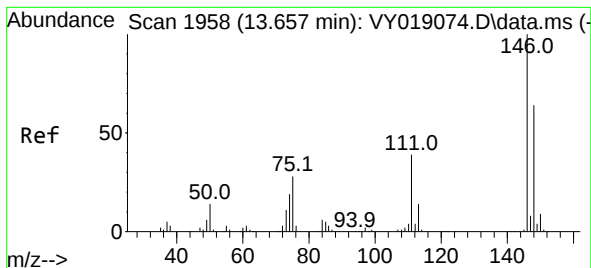
Tgt Ion: 117 Resp: 60134

Ion Ratio Lower Upper

117 100

201 76.6 37.4 112.2

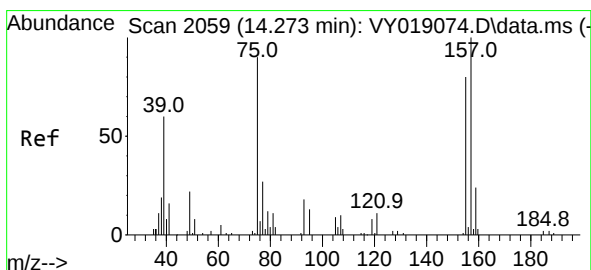
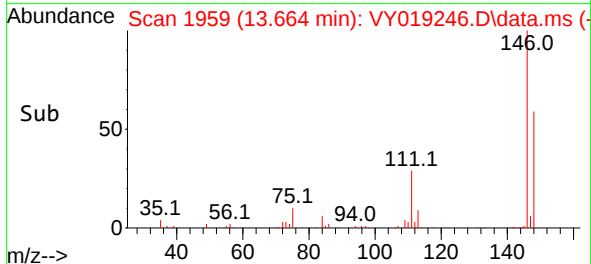
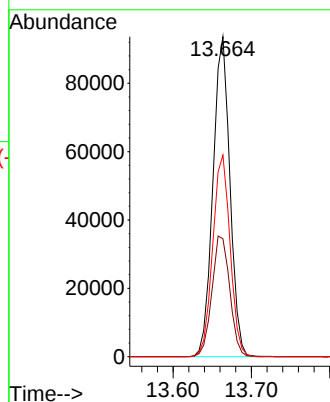
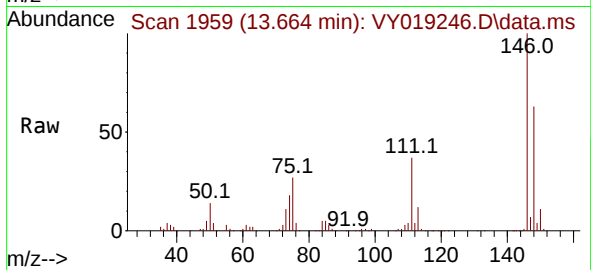




#91
1,2-Dichlorobenzene
Concen: 50.164 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

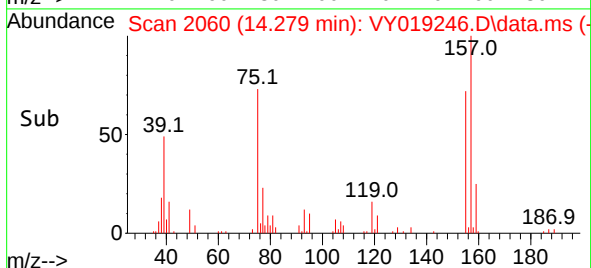
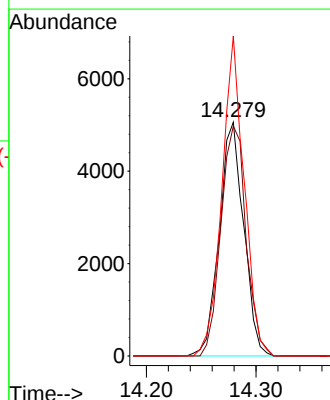
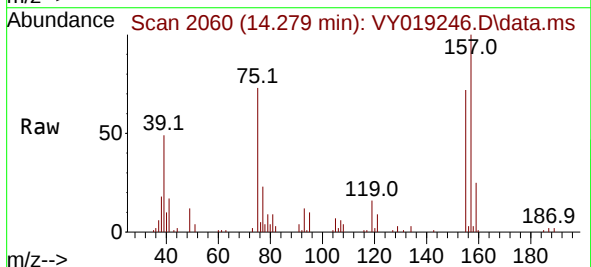
Instrument :
MSVOA_Y
ClientSampleId :

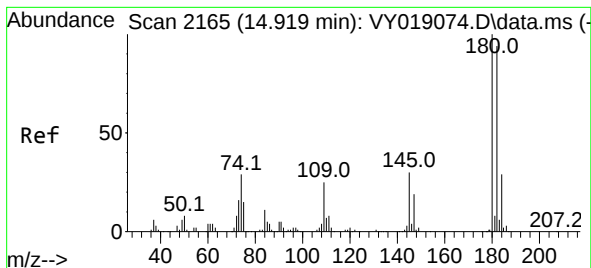
Tgt Ion:146 Resp: 140989
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.7
148 64.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.158 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019246.D
Acq: 23 Aug 2024 09:45

Tgt Ion: 75 Resp: 7803
Ion Ratio Lower Upper
75 100
155 101.7 48.6 145.8
157 125.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.900 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

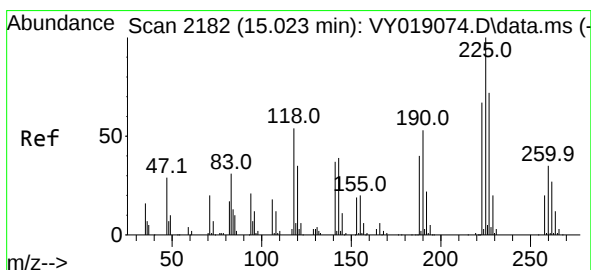
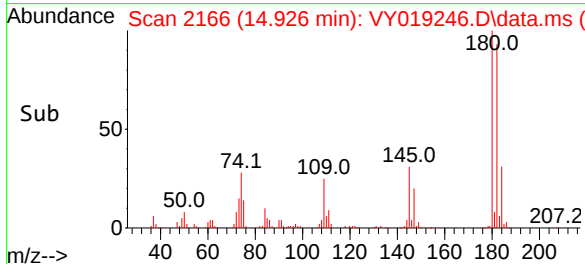
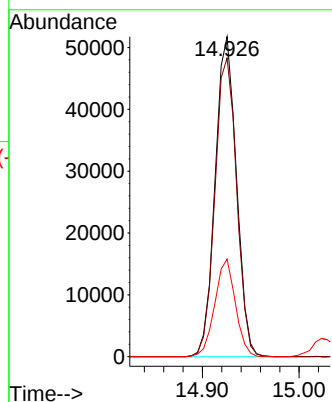
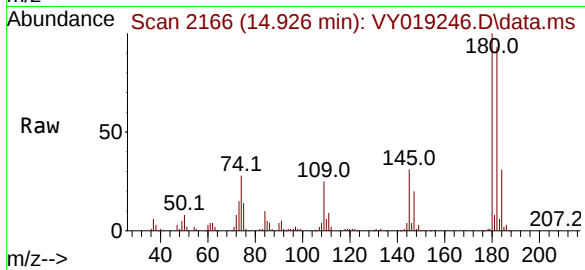
Tgt Ion:180 Resp: 79091

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.210 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

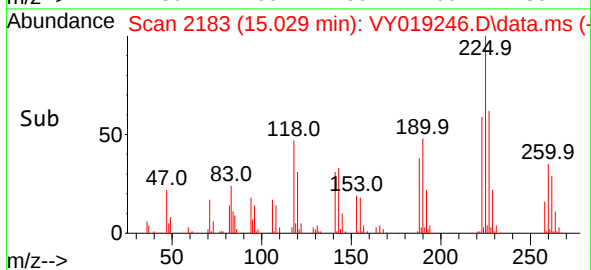
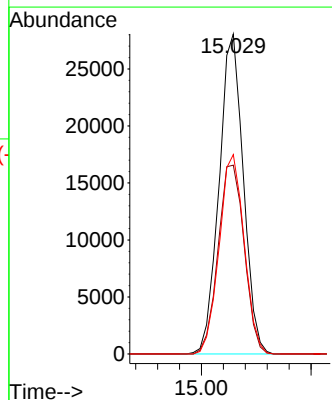
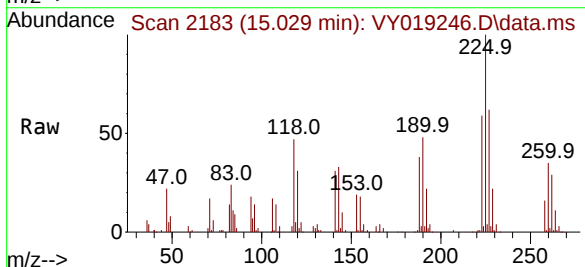
Tgt Ion:225 Resp: 43103

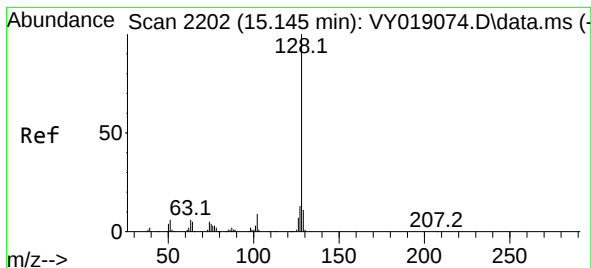
Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 47.209 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Instrument :

MSVOA_Y

ClientSampleId :

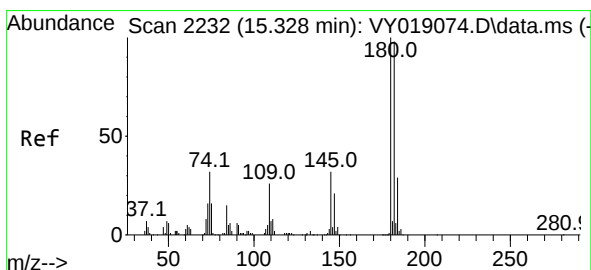
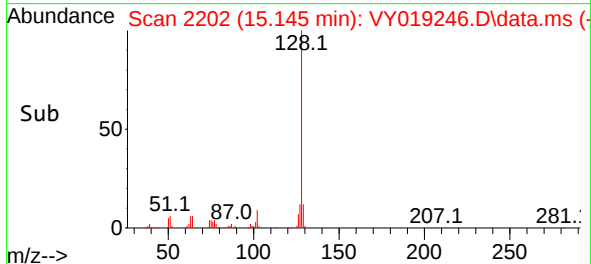
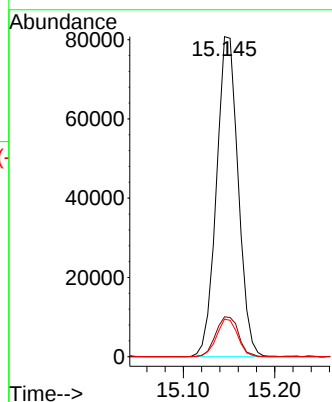
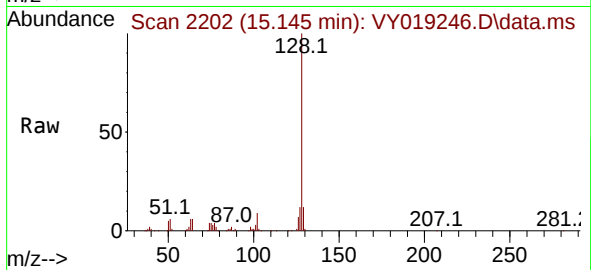
Tgt Ion:128 Resp: 133540

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.930 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019246.D

Acq: 23 Aug 2024 09:45

Tgt Ion:180 Resp: 65410

Ion Ratio Lower Upper

180 100

182 97.7 47.6 142.9

145 30.7 15.4 46.1

