

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019240.D
 Acq On : 23 Aug 2024 00:40
 Operator : SY/MD
 Sample : VY0822SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 02:02:47 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	133423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	220857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	90772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	70515	52.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.440%
35) Dibromofluoromethane	7.628	113	69373	48.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.103	98	204098	39.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.540%
62) 4-Bromofluorobenzene	12.408	95	82380	46.501	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	18353	18.749	ug/l	100
3) Chloromethane	2.068	50	29482	16.709	ug/l	95
4) Vinyl Chloride	2.202	62	33640	15.435	ug/l	94
5) Bromomethane	2.580	94	25790	15.274	ug/l	94
6) Chloroethane	2.733	64	21672	14.489	ug/l	99
7) Trichlorofluoromethane	3.050	101	50051	15.189	ug/l	94
8) Diethyl Ether	3.452	74	14546	20.451	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.806	101	28915	19.739	ug/l	99
10) Methyl Iodide	4.001	142	24519	17.076	ug/l	94
11) Tert butyl alcohol	4.836	59	19259	152.888	ug/l	99
12) 1,1-Dichloroethene	3.781	96	26358	19.805	ug/l	92
13) Acrolein	3.647	56	10675	93.974	ug/l	97
14) Allyl chloride	4.379	41	38130	21.549	ug/l	93
15) Acrylonitrile	5.043	53	32563	111.892	ug/l	98
16) Acetone	3.854	43	25312	102.050	ug/l	# 81
17) Carbon Disulfide	4.098	76	71928	19.161	ug/l	98
18) Methyl Acetate	4.379	43	17808	23.393	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	68165	21.126	ug/l	100
20) Methylene Chloride	4.604	84	41692	21.168	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	30058	20.215	ug/l	96
22) Diisopropyl ether	6.013	45	88740	21.907	ug/l	# 93
23) Vinyl Acetate	5.952	43	340885	106.292	ug/l	96
24) 1,1-Dichloroethane	5.909	63	51483	20.782	ug/l	99
25) 2-Butanone	6.884	43	41858	104.788	ug/l	90
26) 2,2-Dichloropropane	6.878	77	39042	19.462	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	36424	20.816	ug/l	97
28) Bromochloromethane	7.244	49	23196	22.322	ug/l	88
29) Tetrahydrofuran	7.256	42	28044	109.214	ug/l	91
30) Chloroform	7.415	83	58190	21.080	ug/l	92
31) Cyclohexane	7.695	56	42327	19.515	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	51642	21.288	ug/l	98
36) 1,1-Dichloropropene	7.829	75	38802	19.567	ug/l	97
37) Ethyl Acetate	6.976	43	19234	21.893	ug/l	96
38) Carbon Tetrachloride	7.811	117	45737	19.902	ug/l	95
39) Methylcyclohexane	9.103	83	41594	16.345	ug/l	94
40) Benzene	8.073	78	122474	20.138	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	16763	34.957	ug/l #	15
42) 1,2-Dichloroethane	8.152	62	34592	21.063	ug/l	98
43) Isopropyl Acetate	8.195	43	35673	20.077	ug/l	93
44) Trichloroethene	8.860	130	32698	19.268	ug/l	94
45) 1,2-Dichloropropane	9.134	63	22792	16.820	ug/l	99
46) Dibromomethane	9.225	93	14865	16.914	ug/l	97
47) Bromodichloromethane	9.420	83	40874	18.956	ug/l	92
48) Methyl methacrylate	9.219	41	13366	16.879	ug/l	85
49) 1,4-Dioxane	9.219	88	3502	328.941	ug/l #	98
51) 4-Methyl-2-Pentanone	10.000	43	73051	77.462	ug/l	92
52) Toluene	10.170	92	64120	16.061	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	26977	15.082	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	32028	14.889	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	18719	16.545	ug/l	96
56) Ethyl methacrylate	10.445	69	22240	15.018	ug/l #	85
57) 1,3-Dichloropropane	10.719	76	30212	16.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	55512	79.017	ug/l	96
59) 2-Hexanone	10.762	43	46836	72.289	ug/l	94
60) Dibromochloromethane	10.914	129	24658	16.001	ug/l	100
61) 1,2-Dibromoethane	11.018	107	17479	15.984	ug/l	99
64) Tetrachloroethene	10.646	164	26754	19.750	ug/l	98
65) Chlorobenzene	11.444	112	70667	19.803	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	24798	19.761	ug/l	99
67) Ethyl Benzene	11.524	91	120373	19.435	ug/l	100
68) m/p-Xylenes	11.627	106	94225	38.340	ug/l	99
69) o-Xylene	11.957	106	47523	20.881	ug/l	100
70) Styrene	11.969	104	82240	21.191	ug/l	98
71) Bromoform	12.133	173	16501	23.002	ug/l #	100
73) Isopropylbenzene	12.255	105	142935	20.545	ug/l	99
74) N-amyl acetate	12.072	43	28567	18.830	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	24256	19.583	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	31163	34.812	ug/l #	100
77) Bromobenzene	12.530	156	32222	19.285	ug/l	93
78) n-propylbenzene	12.597	91	166617	20.033	ug/l	98
79) 2-Chlorotoluene	12.682	91	96107	20.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	115202	20.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6954	19.185	ug/l	88
82) 4-Chlorotoluene	12.780	91	100281	20.672	ug/l	99
83) tert-Butylbenzene	12.999	119	104084	19.886	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	114598	20.287	ug/l	100
85) sec-Butylbenzene	13.176	105	151746	19.895	ug/l	98
86) p-Isopropyltoluene	13.292	119	124800	19.920	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	65248	19.802	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	65357	19.953	ug/l	99
89) n-Butylbenzene	13.621	91	113034	19.789	ug/l	99
90) Hexachloroethane	13.883	117	24357	19.724	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	56433	19.473	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3858	21.173	ug/l	86
93) 1,2,4-Trichlorobenzene	14.926	180	28949	17.713	ug/l	97
94) Hexachlorobutadiene	15.023	225	17023	19.997	ug/l	96
95) Naphthalene	15.145	128	52957	18.156	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	25145	18.242	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

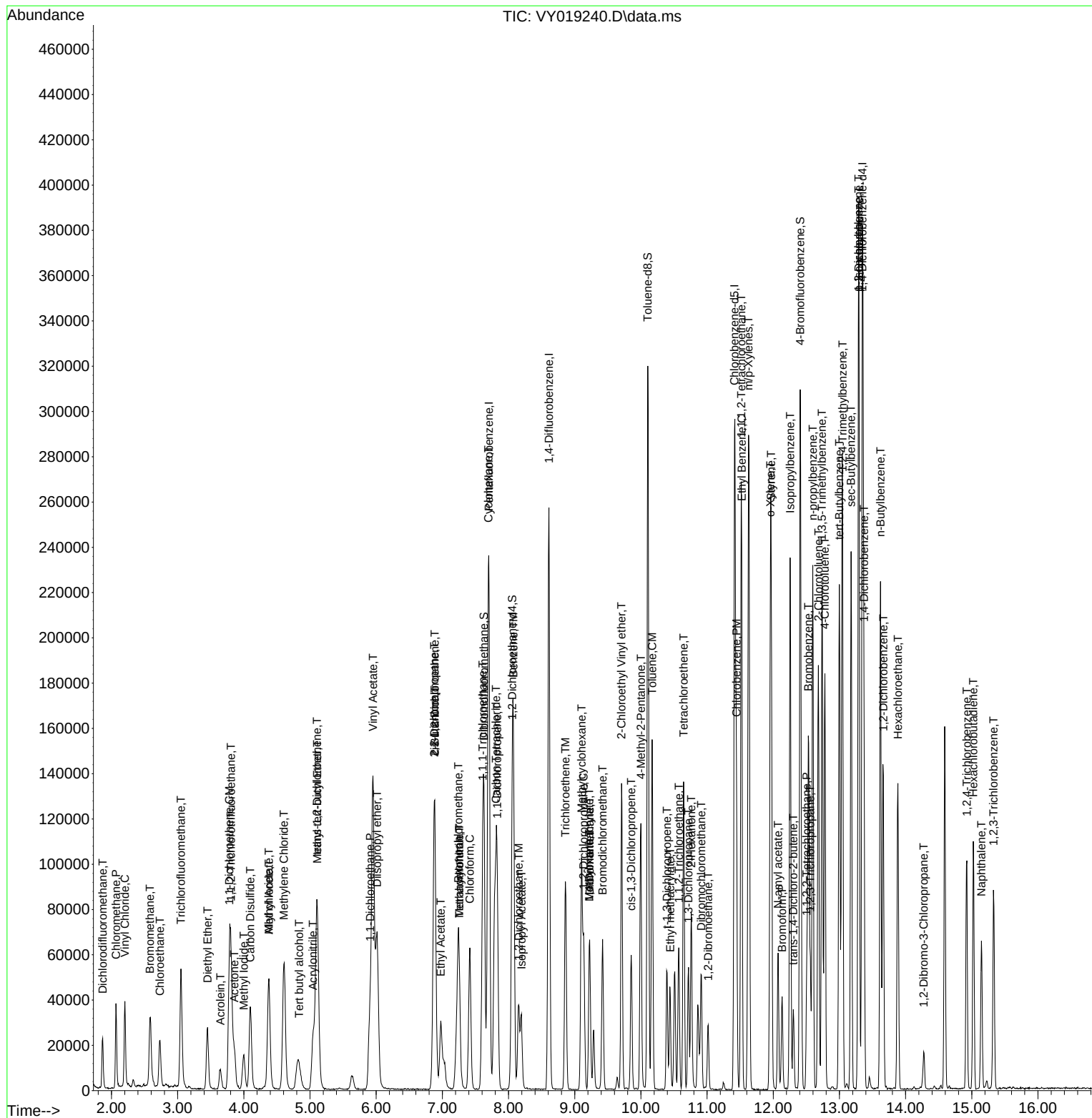
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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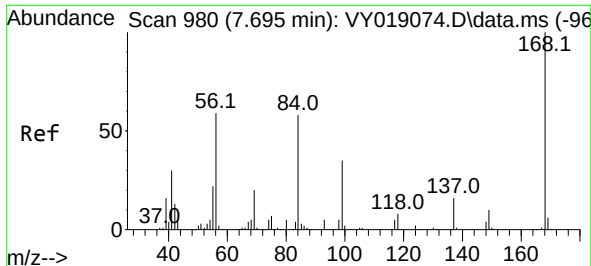
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019240.D
 Acq On : 23 Aug 2024 00:40
 Operator : SY/MD
 Sample : VY08222SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 02:02:47 2024
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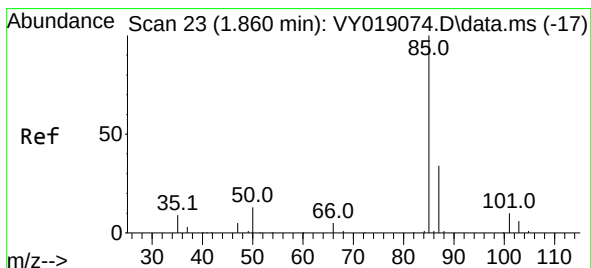
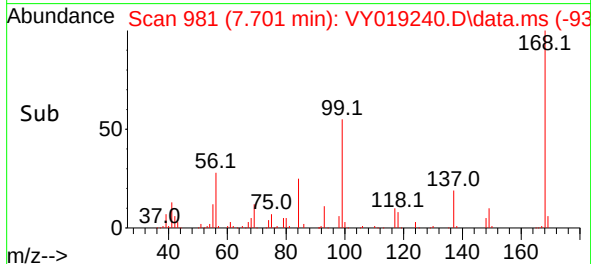
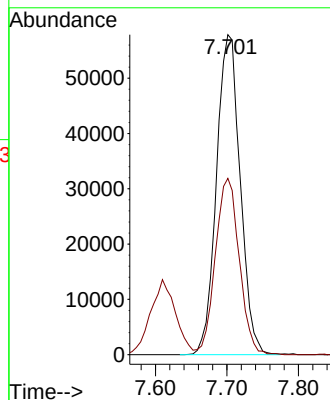
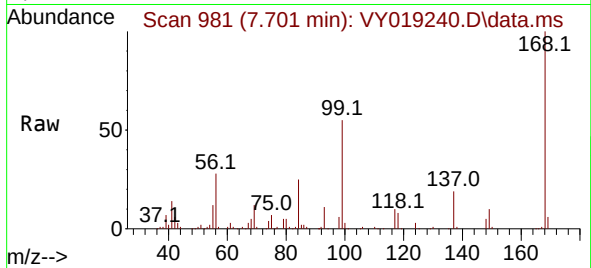




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019240.D
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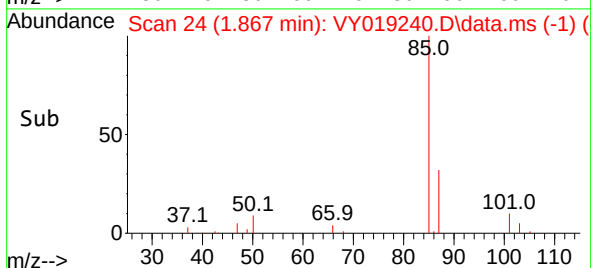
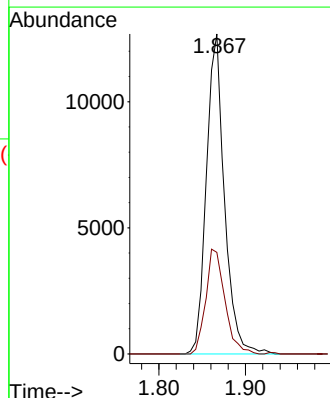
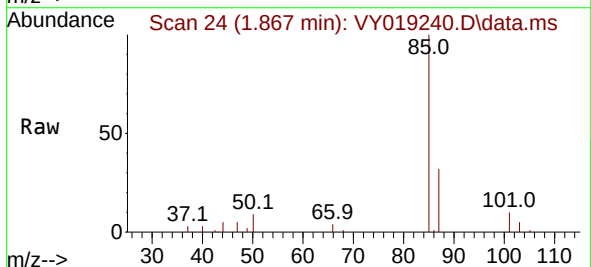
Instrument :
MSVOA_Y
ClientSampleId :

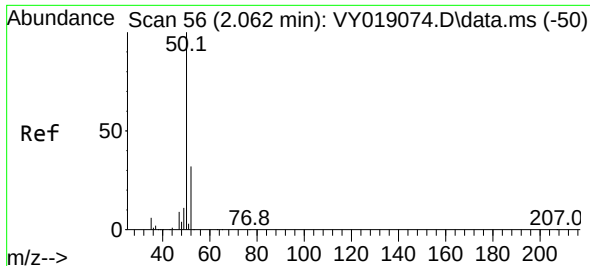
Tgt Ion:168 Resp: 133423
Ion Ratio Lower Upper
168 100
99 55.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.749 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 85 Resp: 18353
Ion Ratio Lower Upper
85 100
87 31.8 16.0 48.0

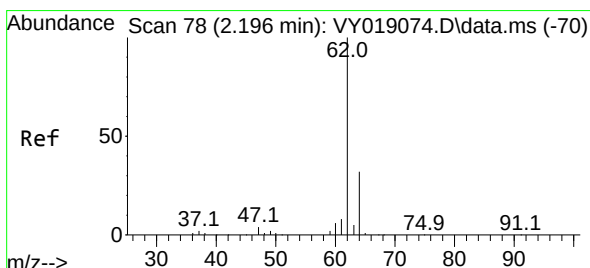
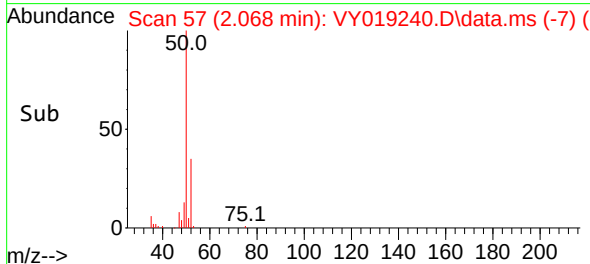
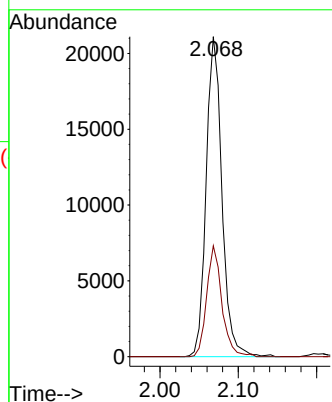
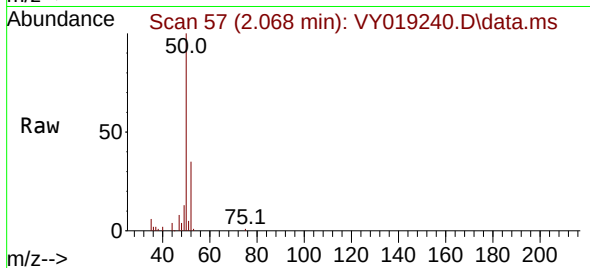




#3
Chloromethane
Concen: 16.709 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

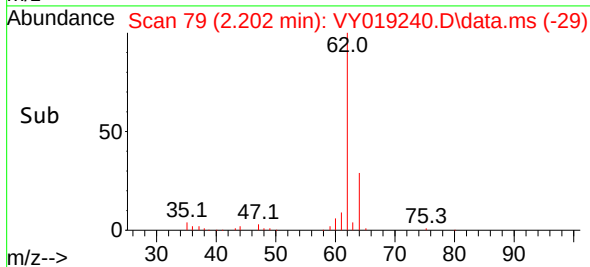
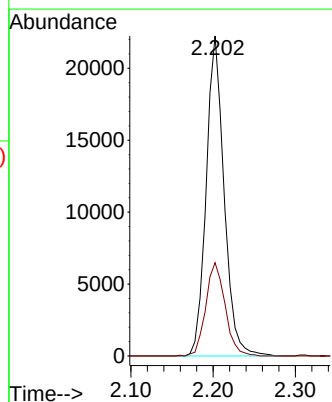
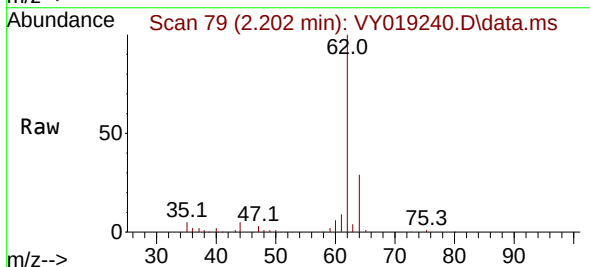
Instrument :
MSVOA_Y
ClientSampleId :

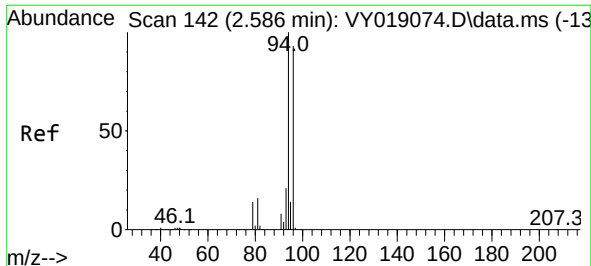
Tgt Ion: 50 Resp: 29482
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4



#4
Vinyl Chloride
Concen: 15.435 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 62 Resp: 33640
Ion Ratio Lower Upper
62 100
64 29.1 26.1 39.1

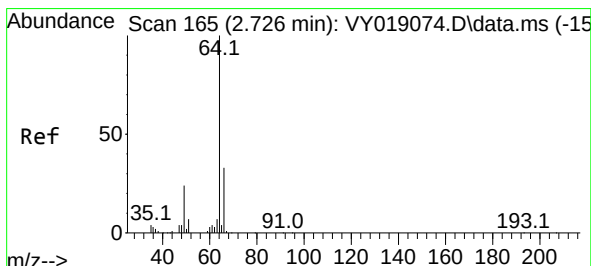
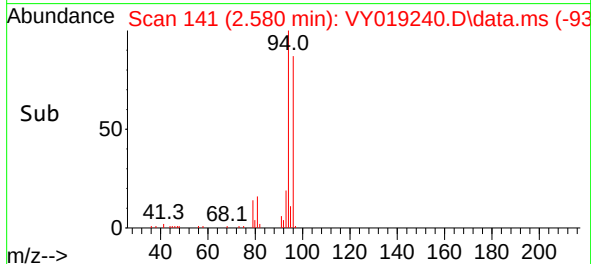
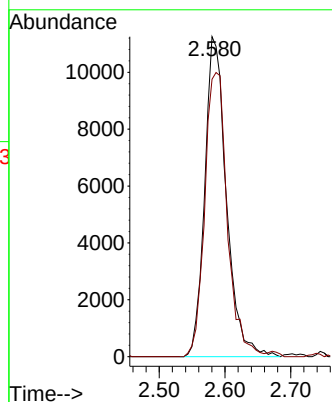
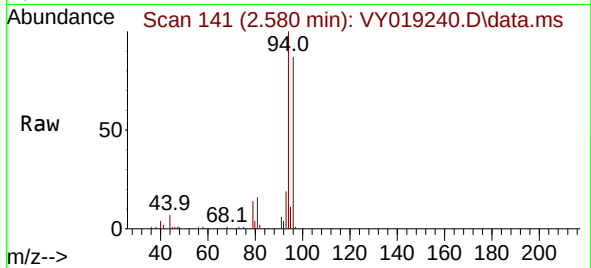




#5
Bromomethane
Concen: 15.274 ug/l
RT: 2.580 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

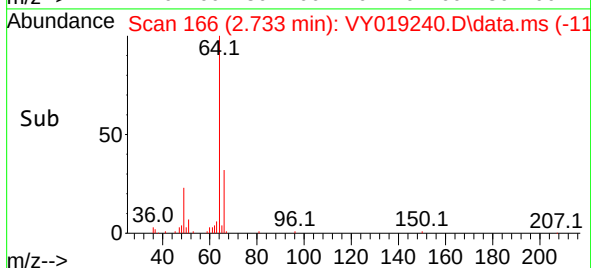
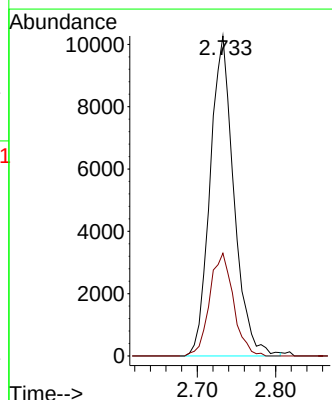
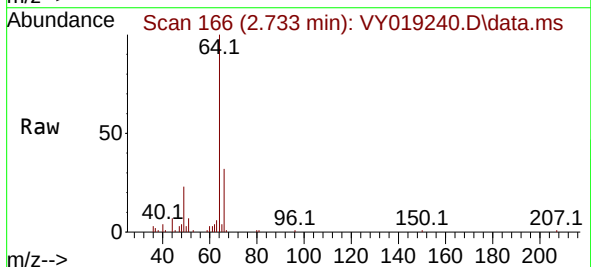
Instrument :
MSVOA_Y
ClientSampleId :

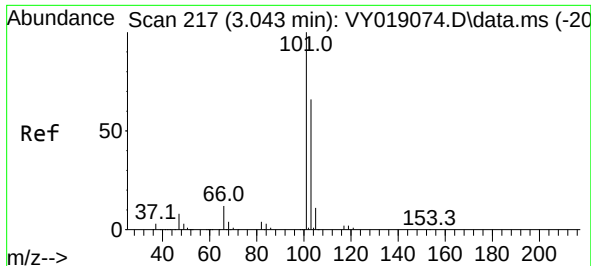
Tgt Ion: 94 Resp: 25790
Ion Ratio Lower Upper
94 100
96 86.7 74.1 111.1



#6
Chloroethane
Concen: 14.489 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.007 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 64 Resp: 21672
Ion Ratio Lower Upper
64 100
66 32.1 26.1 39.1

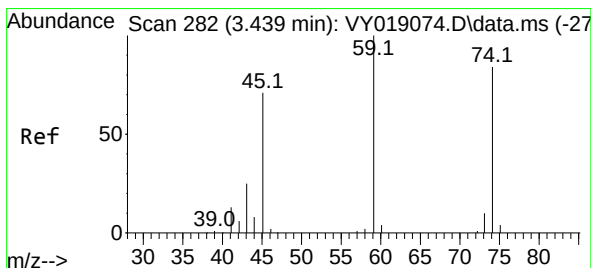
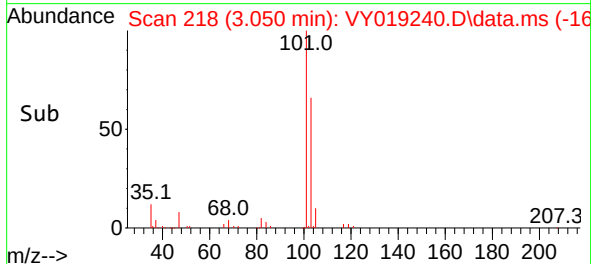
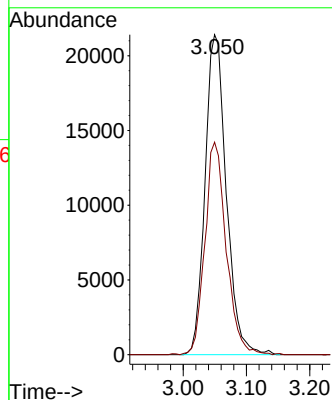
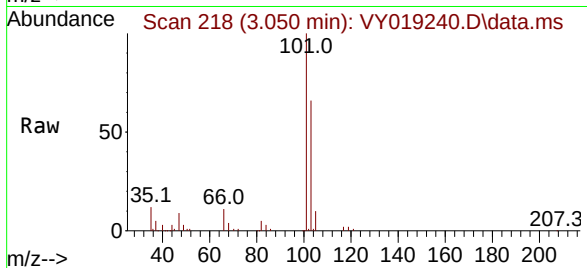




#7
 Trichlorofluoromethane
 Concen: 15.189 ug/l
 RT: 3.050 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019240.D
 Acq: 23 Aug 2024 00:40

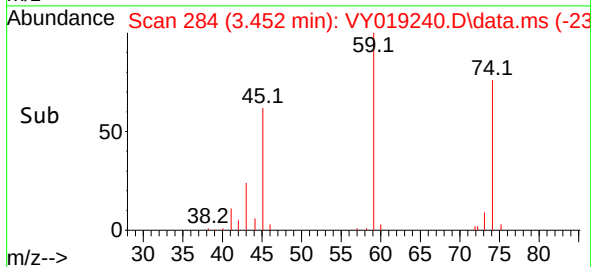
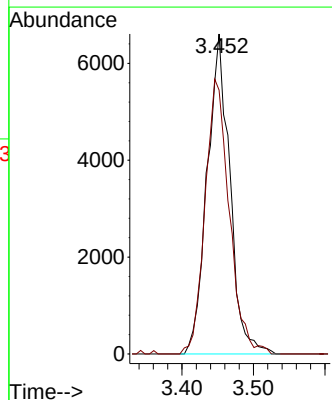
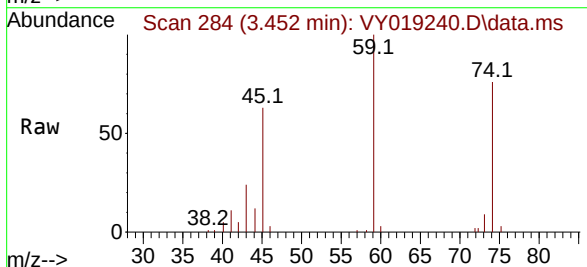
Instrument :
 MSVOA_Y
 ClientSampleId :

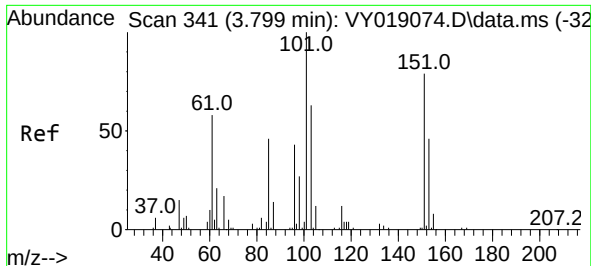
Tgt Ion:101 Resp: 50051
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.451 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.013 min
 Lab File: VY019240.D
 Acq: 23 Aug 2024 00:40

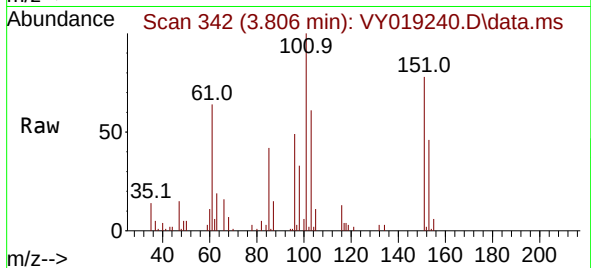
Tgt Ion: 74 Resp: 14546
 Ion Ratio Lower Upper
 74 100
 45 91.7 41.3 124.1



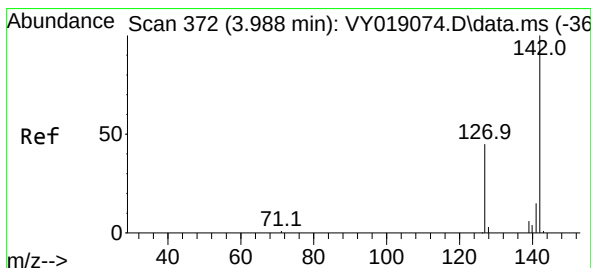
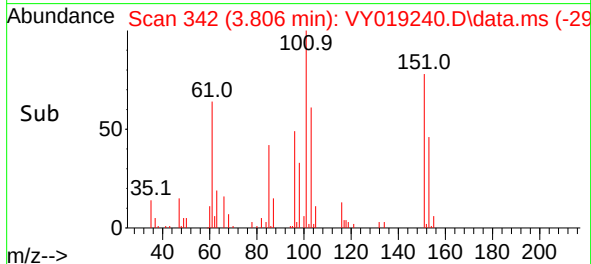
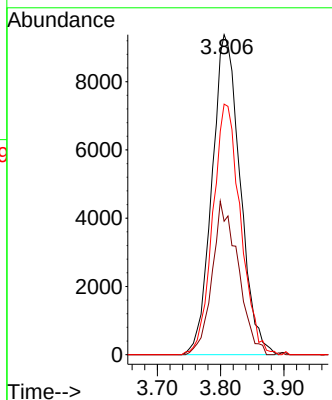


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.739 ug/l
RT: 3.806 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

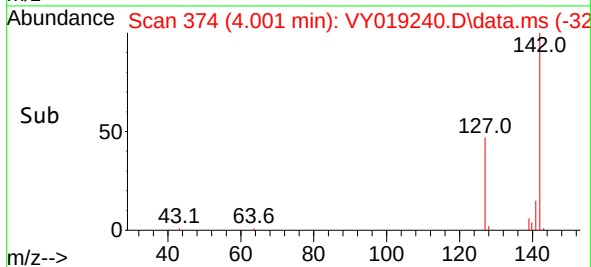
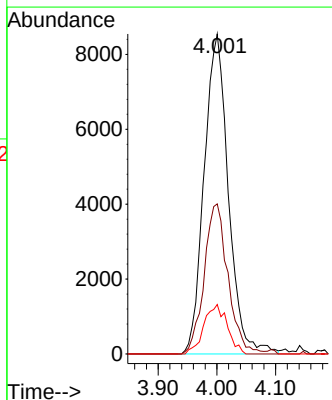
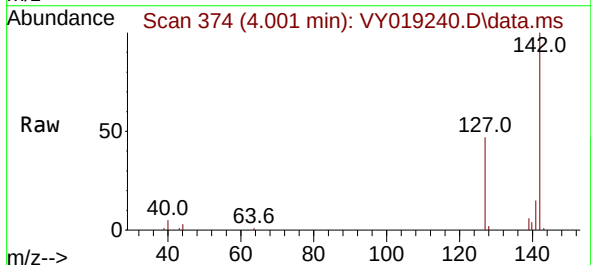


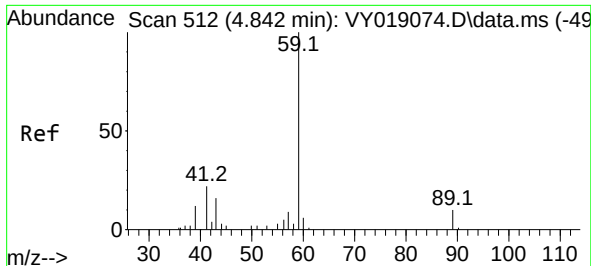
Tgt Ion:101	Resp:	28915
Ion	Ratio	Lower Upper
101	100	
85	44.3	34.5 51.7
151	77.4	61.7 92.5



#10
Methyl Iodide
Concen: 17.076 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

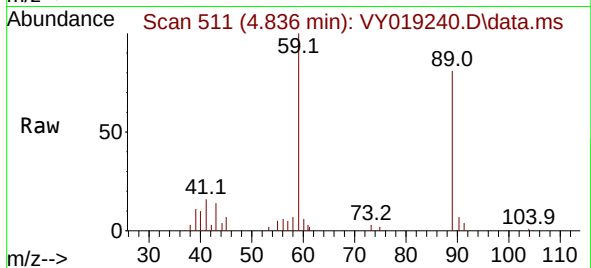
Tgt Ion:142	Resp:	24519
Ion	Ratio	Lower Upper
142	100	
127	46.0	32.8 49.2
141	14.9	11.4 17.2



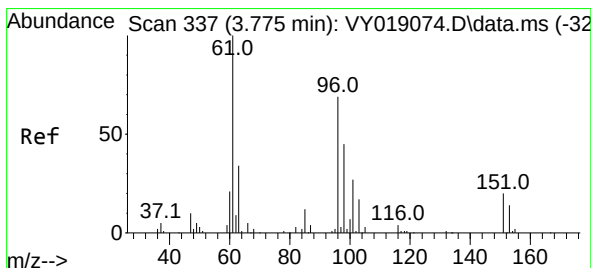
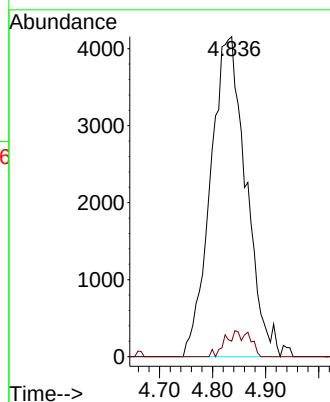
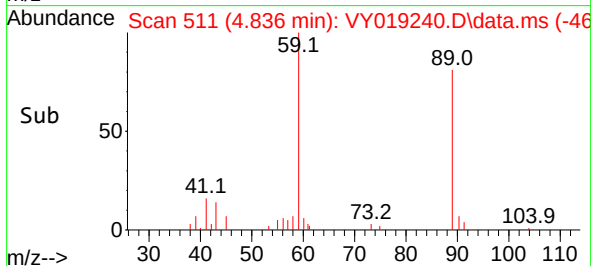


#11
Tert butyl alcohol
Concen: 152.888 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

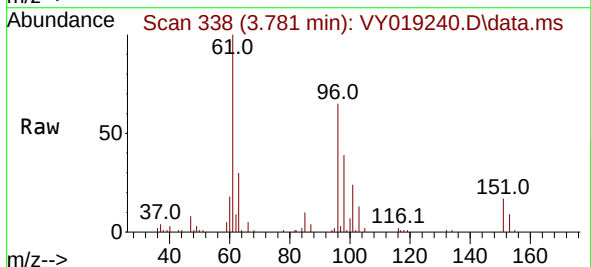
Instrument :
MSVOA_Y
ClientSampleId :



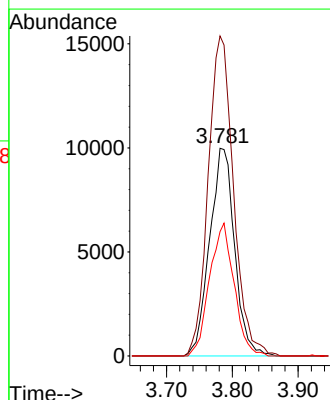
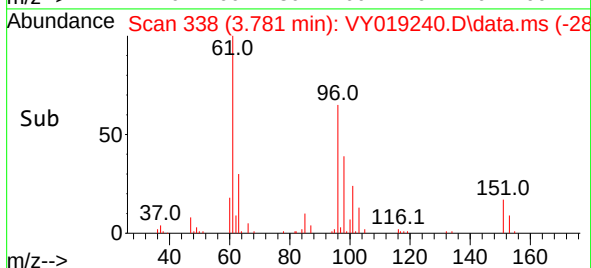
Tgt Ion: 59 Resp: 19259
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.6

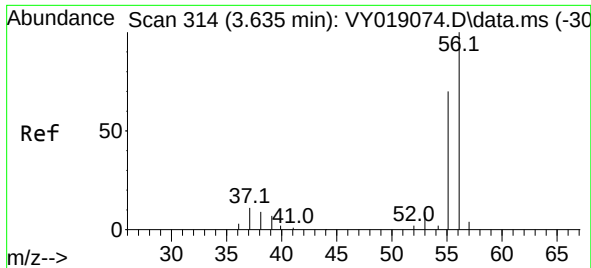


#12
1,1-Dichloroethene
Concen: 19.805 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40



Tgt Ion: 96 Resp: 26358
Ion Ratio Lower Upper
96 100
61 154.1 114.6 171.8
98 59.9 50.8 76.2





#13

Acrolein

Concen: 93.974 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

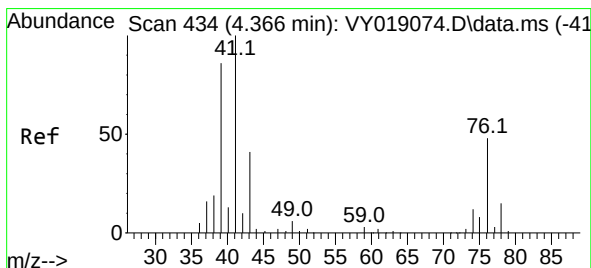
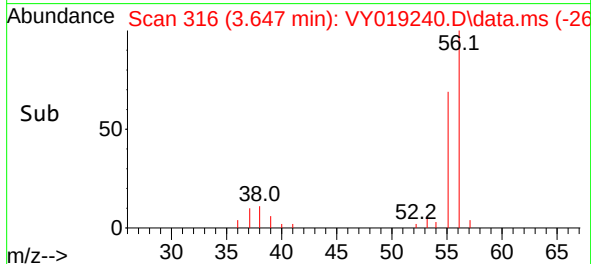
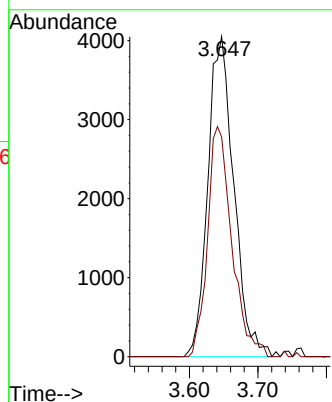
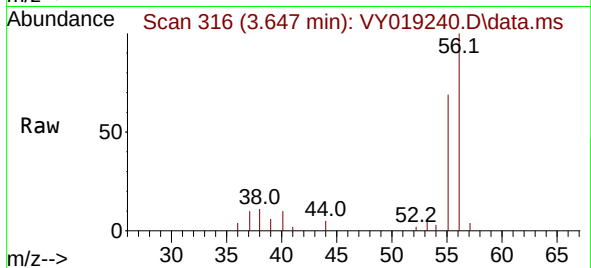
ClientSampleId :

Tgt Ion: 56 Resp: 10675

Ion Ratio Lower Upper

56 100

55 67.2 55.7 83.5



#14

Allyl chloride

Concen: 21.549 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.013 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

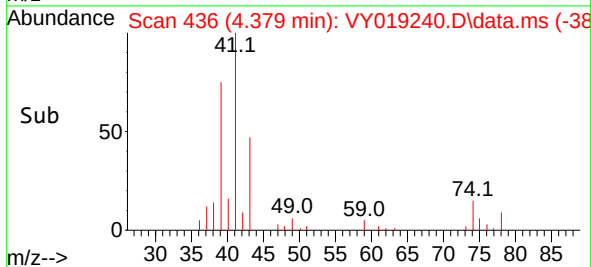
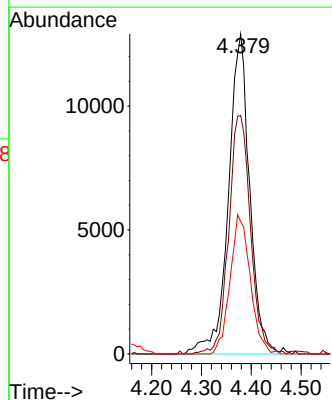
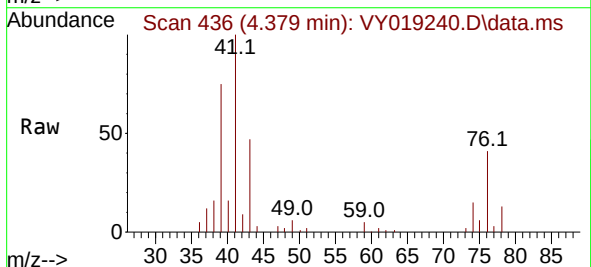
Tgt Ion: 41 Resp: 38130

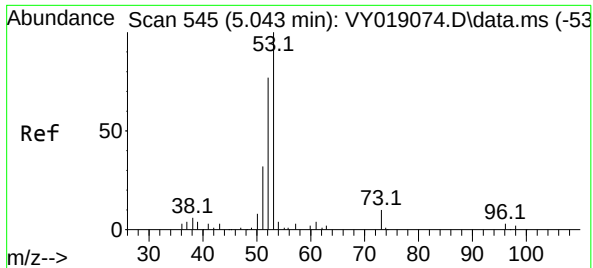
Ion Ratio Lower Upper

41 100

39 76.2 58.3 87.5

76 41.5 39.0 58.6





#15

Acrylonitrile

Concen: 111.892 ug/l

RT: 5.043 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

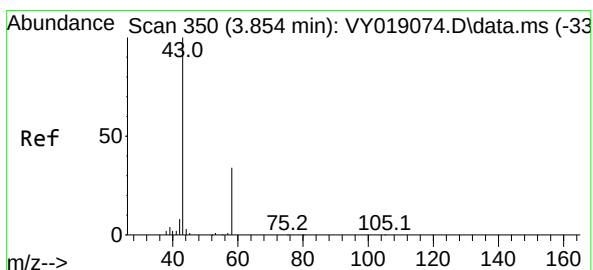
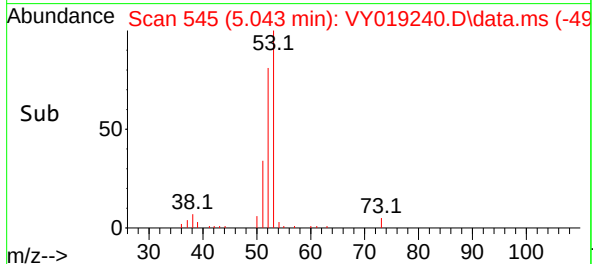
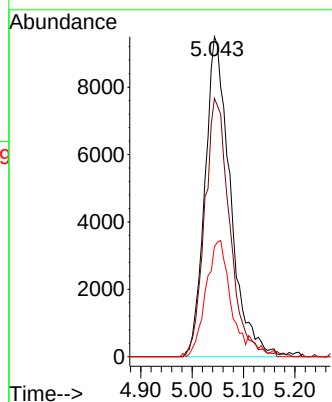
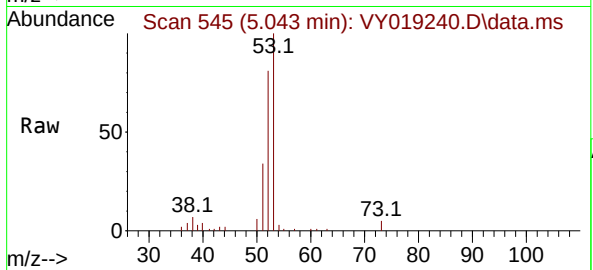
Tgt Ion: 53 Resp: 32563

Ion Ratio Lower Upper

53 100

52 79.3 64.7 97.1

51 34.6 28.4 42.6



#16

Acetone

Concen: 102.050 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019240.D

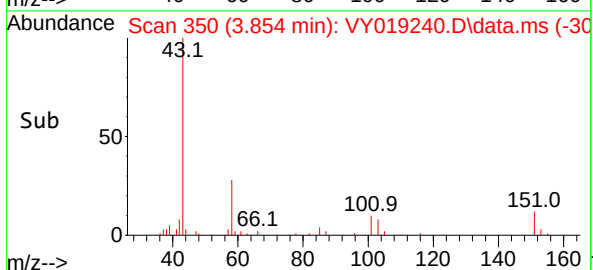
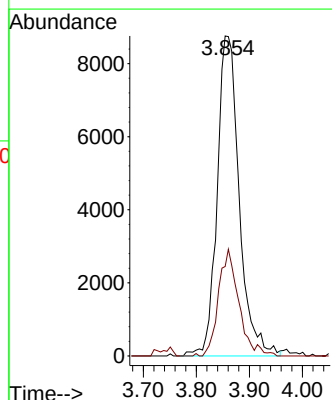
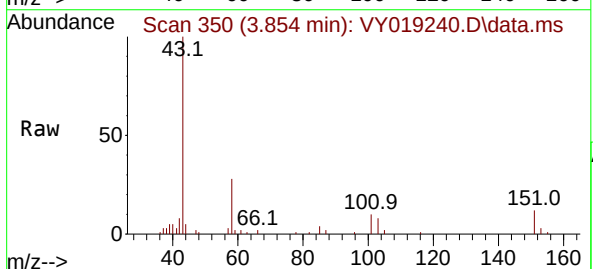
Acq: 23 Aug 2024 00:40

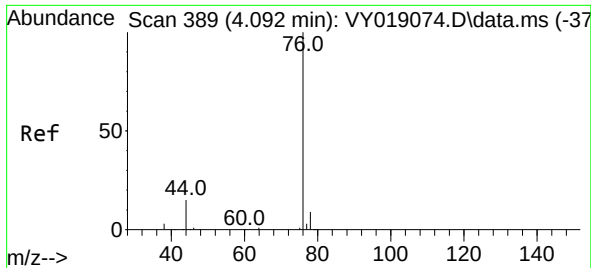
Tgt Ion: 43 Resp: 25312

Ion Ratio Lower Upper

43 100

58 27.9 31.7 47.5#

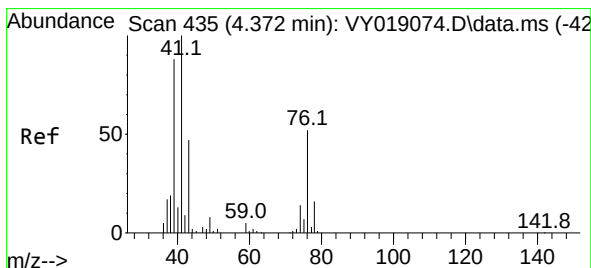
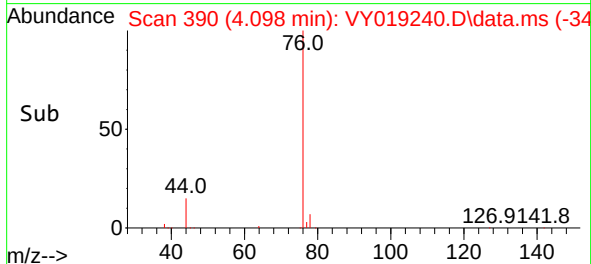
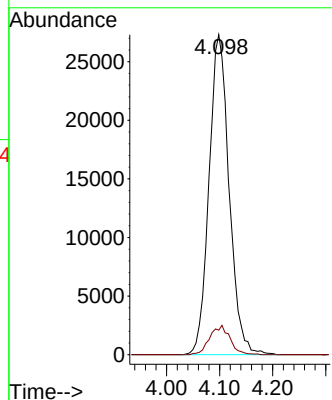
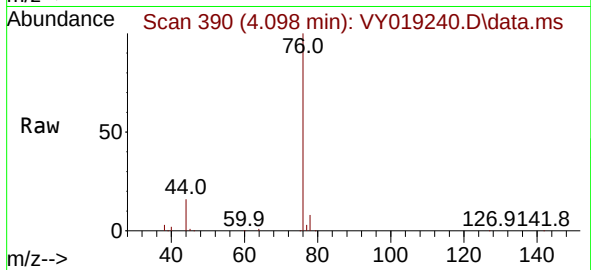




#17
Carbon Disulfide
Concen: 19.161 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

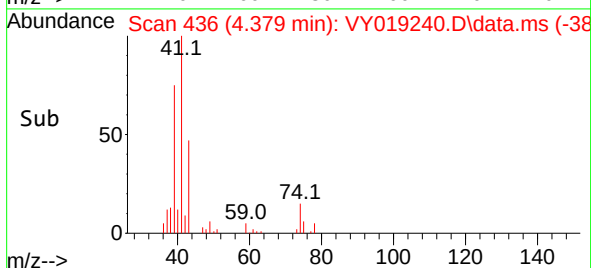
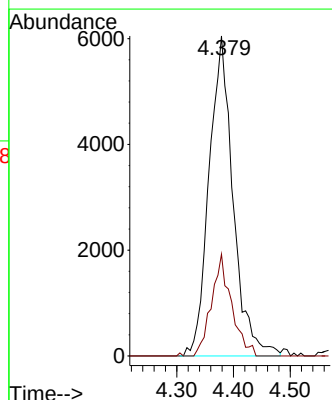
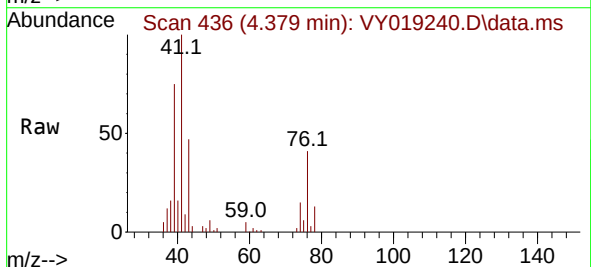
Instrument :
MSVOA_Y
ClientSampleId :

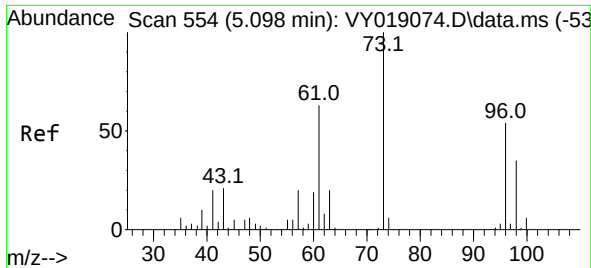
Tgt Ion: 76 Resp: 71928
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 23.393 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 43 Resp: 17808
Ion Ratio Lower Upper
43 100
74 26.4 23.3 34.9

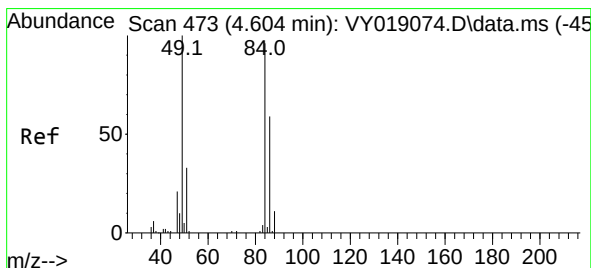
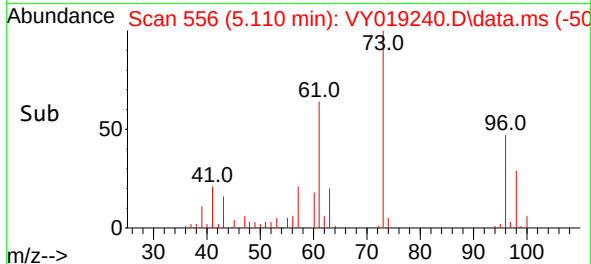
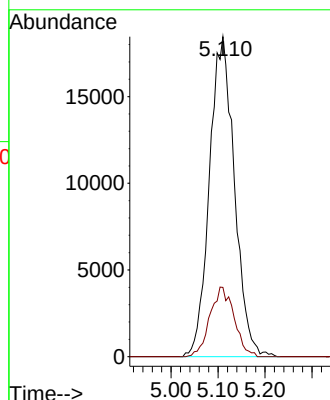
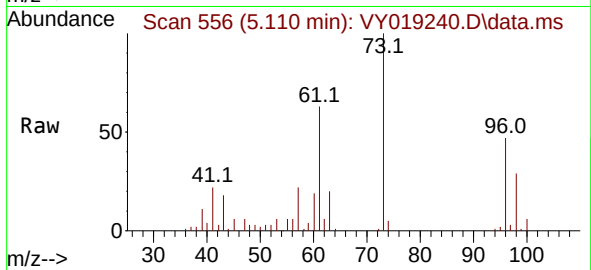




#19
Methyl tert-butyl Ether
Concen: 21.126 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.013 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

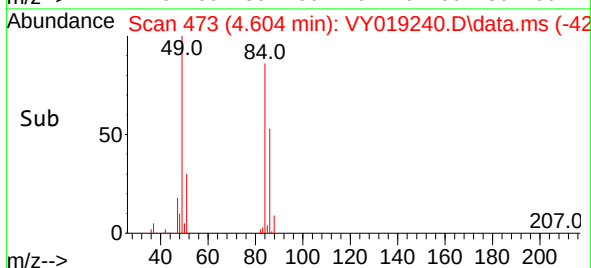
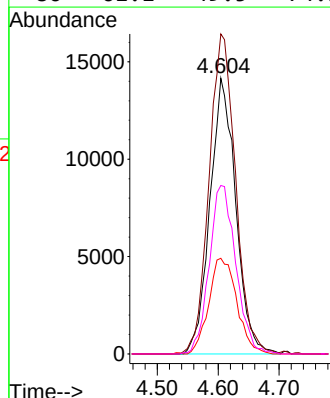
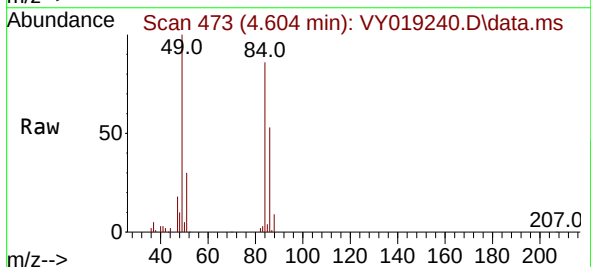
Instrument :
MSVOA_Y
ClientSampleId :

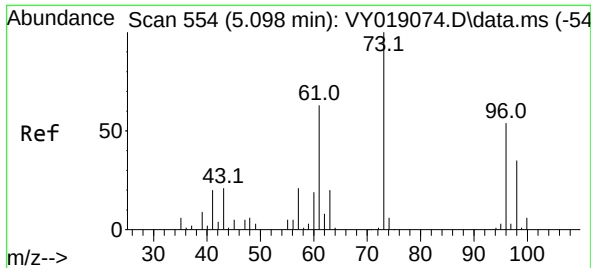
Tgt Ion: 73 Resp: 68165
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 21.168 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

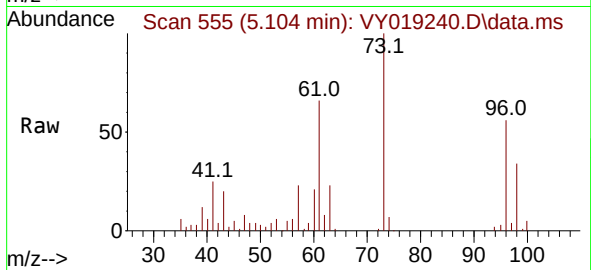
Tgt Ion: 84 Resp: 41692
Ion Ratio Lower Upper
84 100
49 116.1 84.4 126.6
51 34.7 26.0 39.0
86 61.1 49.5 74.3



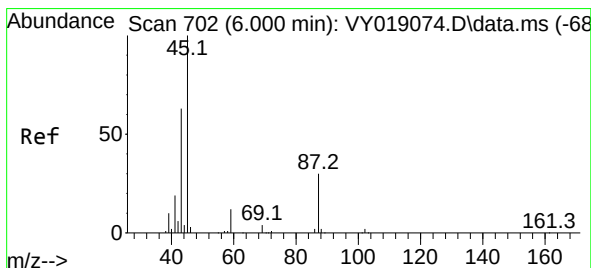
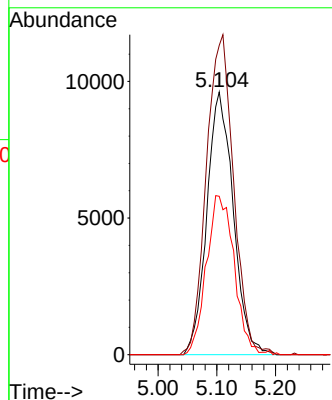
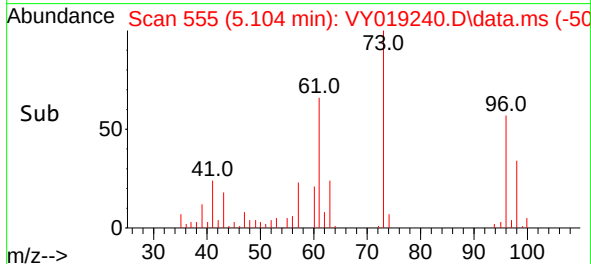


#21
trans-1,2-Dichloroethene
Concen: 20.215 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

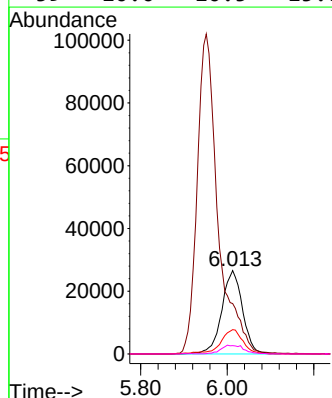
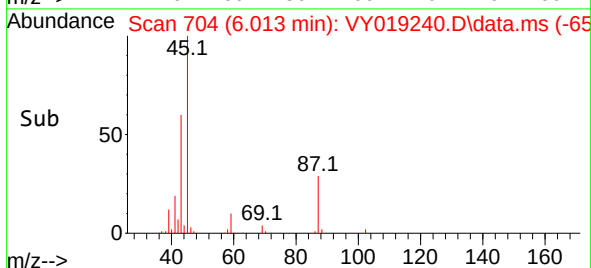
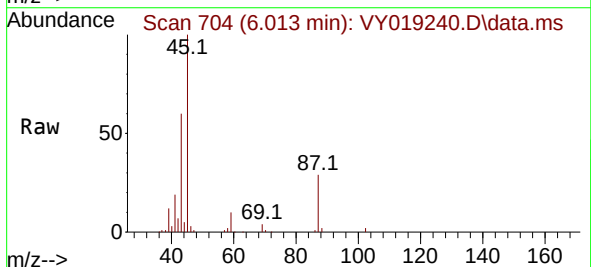


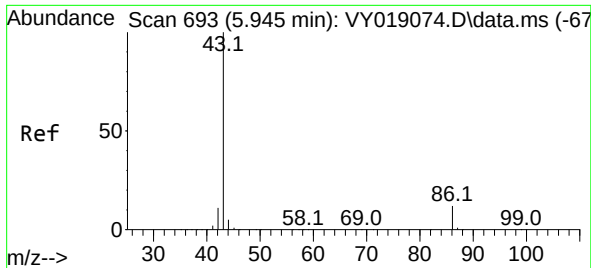
Tgt Ion: 96 Resp: 30058
Ion Ratio Lower Upper
96 100
61 117.7 97.5 146.3
98 60.3 50.5 75.7



#22
Diisopropyl ether
Concen: 21.907 ug/l
RT: 6.013 min Scan# 704
Delta R.T. 0.013 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 45 Resp: 88740
Ion Ratio Lower Upper
45 100
43 59.5 42.2 63.2
87 29.2 25.0 37.6
59 10.0 10.5 15.7#

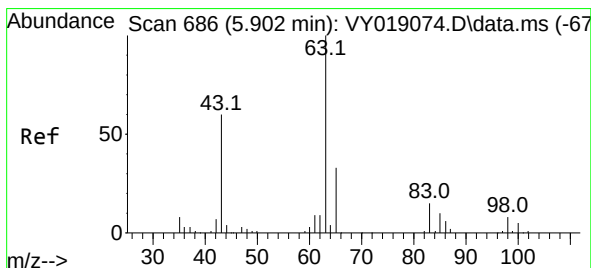
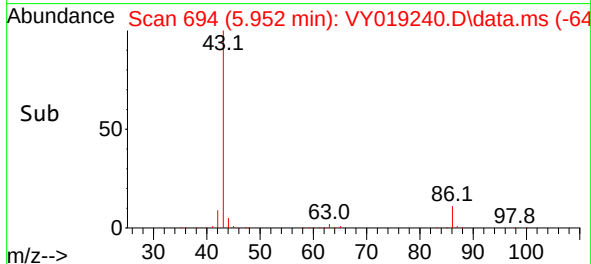
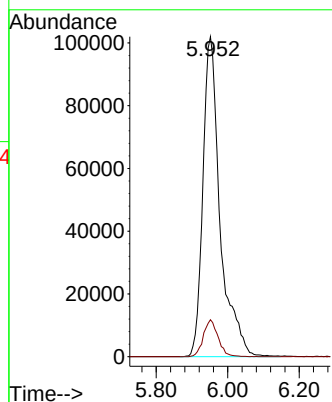
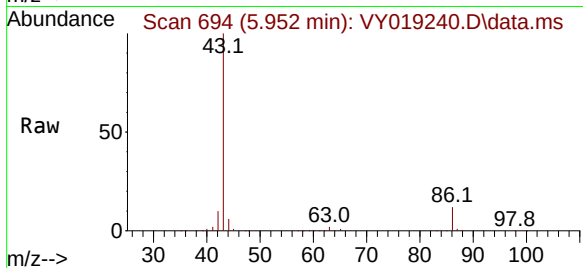




#23
 Vinyl Acetate
 Concen: 106.292 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019240.D
 Acq: 23 Aug 2024 00:40

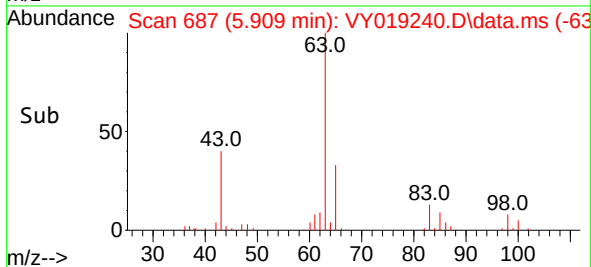
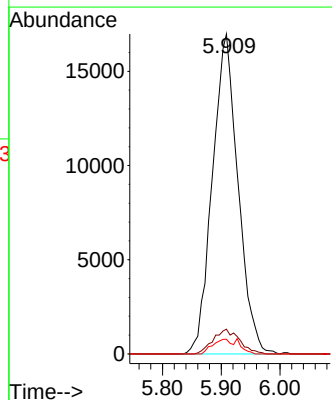
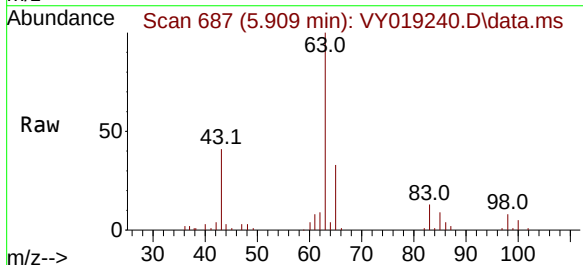
Instrument :
 MSVOA_Y
 ClientSampleId :

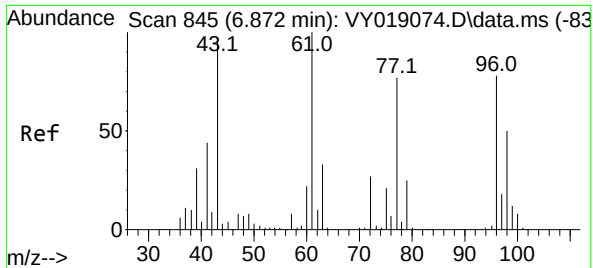
Tgt Ion: 43 Resp: 340885
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.782 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019240.D
 Acq: 23 Aug 2024 00:40

Tgt Ion: 63 Resp: 51483
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.6 2.6 8.0

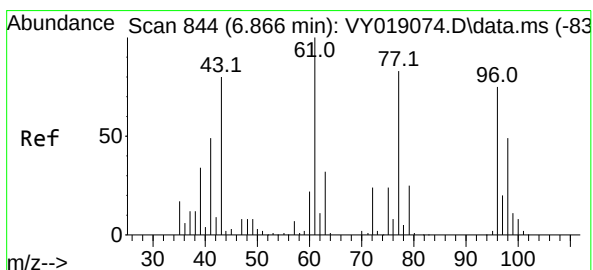
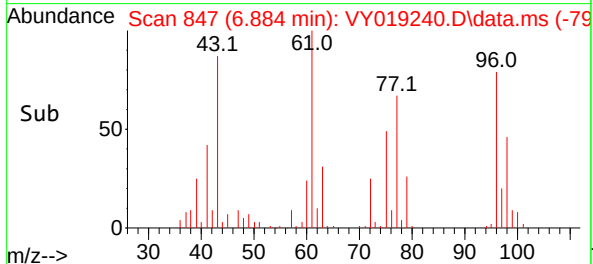
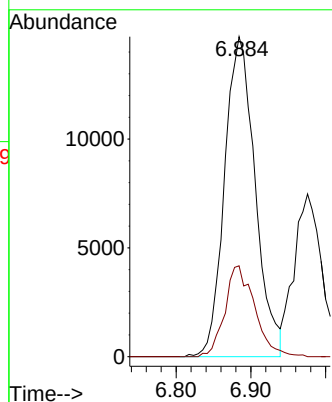
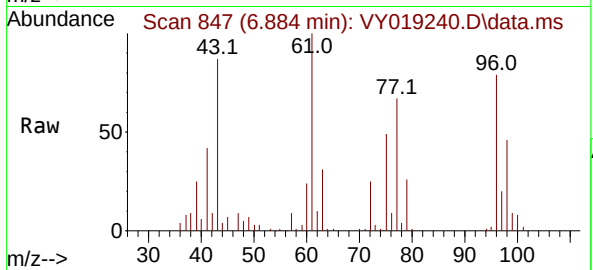




#25
2-Butanone
Concen: 104.788 ug/l
RT: 6.884 min Scan# 845
Delta R.T. 0.013 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

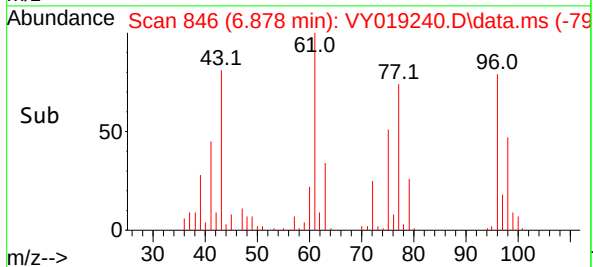
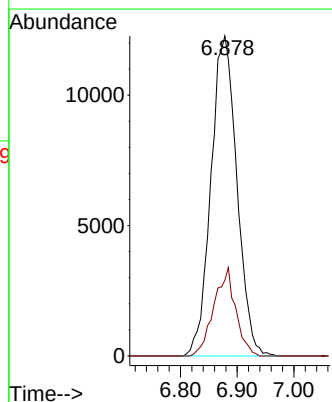
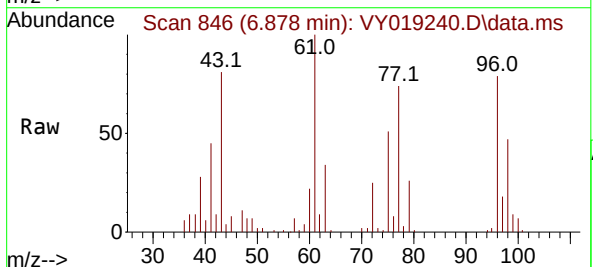
Instrument :
MSVOA_Y
ClientSampleId :

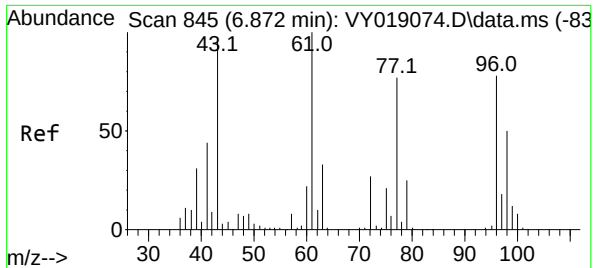
Tgt Ion: 43 Resp: 41858
Ion Ratio Lower Upper
43 100
72 28.4 27.3 40.9



#26
2,2-Dichloropropane
Concen: 19.462 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.013 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 77 Resp: 39042
Ion Ratio Lower Upper
77 100
97 23.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.816 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.013 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

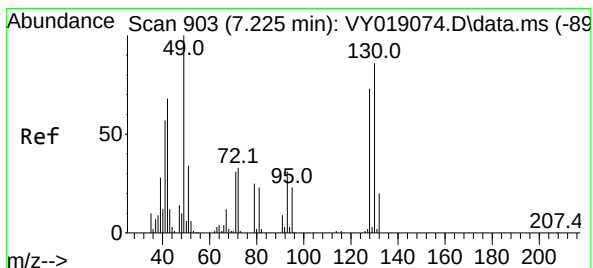
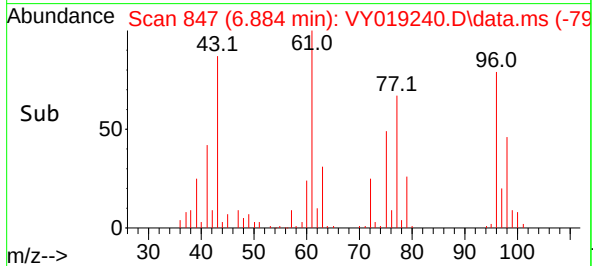
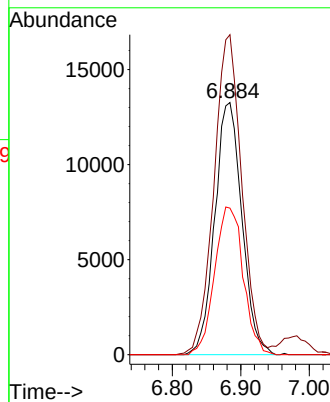
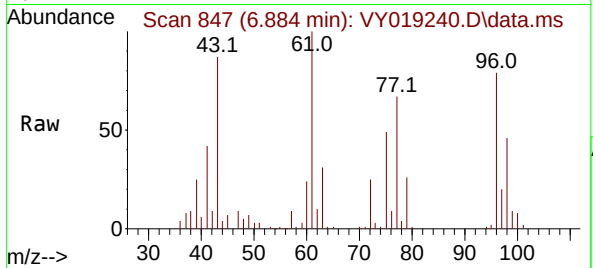
Tgt Ion: 96 Resp: 36424

Ion Ratio Lower Upper

96 100

61 130.2 0.0 256.2

98 61.7 0.0 130.0



#28

Bromochloromethane

Concen: 22.322 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.019 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

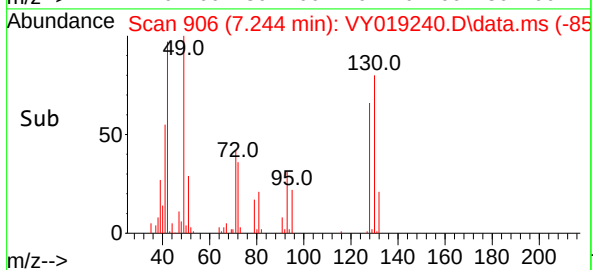
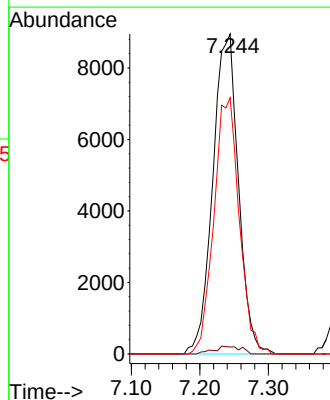
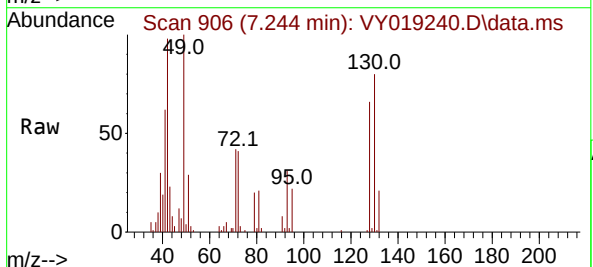
Tgt Ion: 49 Resp: 23196

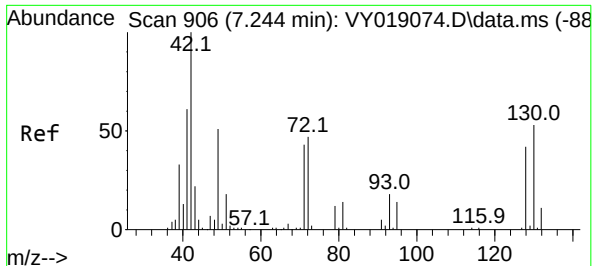
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 79.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 109.214 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.013 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

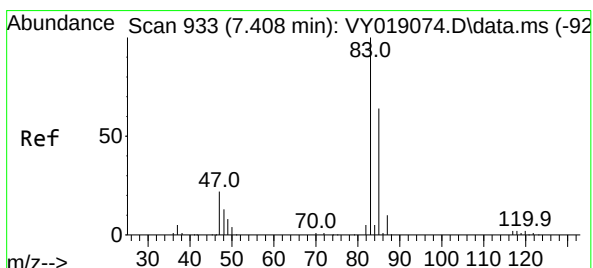
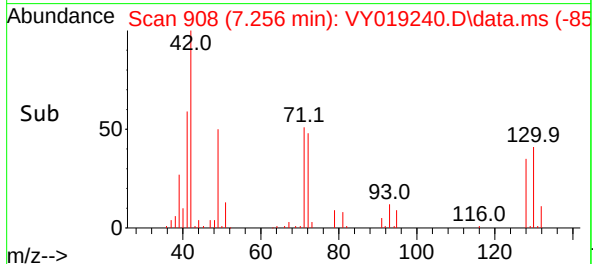
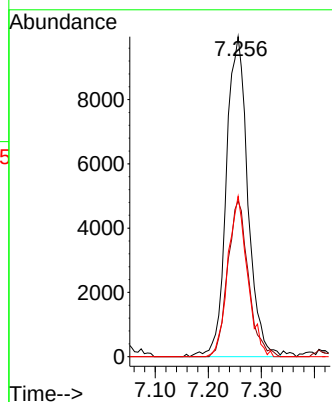
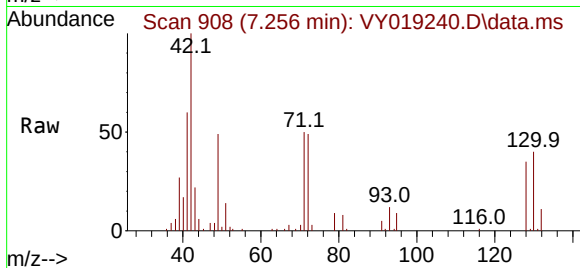
Tgt Ion: 42 Resp: 28044

Ion Ratio Lower Upper

42 100

72 46.8 43.0 64.4

71 45.6 40.8 61.2



#30

Chloroform

Concen: 21.080 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019240.D

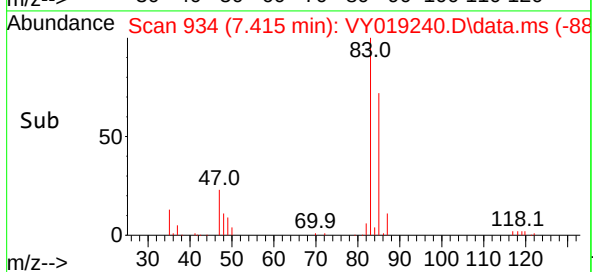
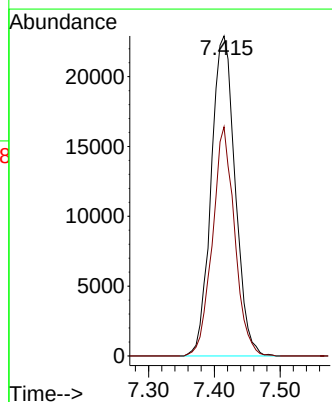
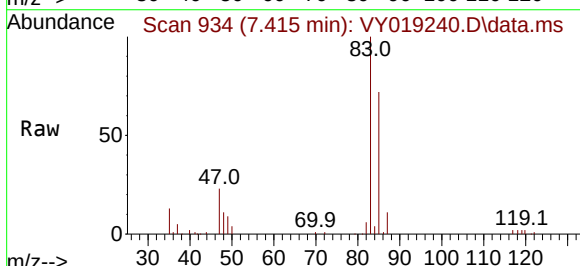
Acq: 23 Aug 2024 00:40

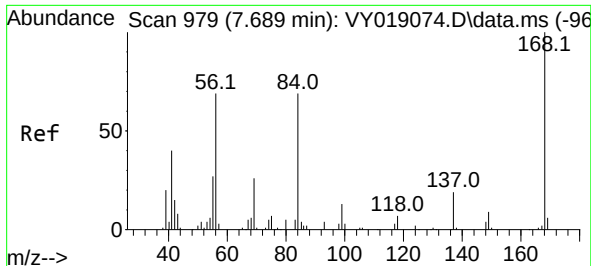
Tgt Ion: 83 Resp: 58190

Ion Ratio Lower Upper

83 100

85 71.6 52.2 78.4

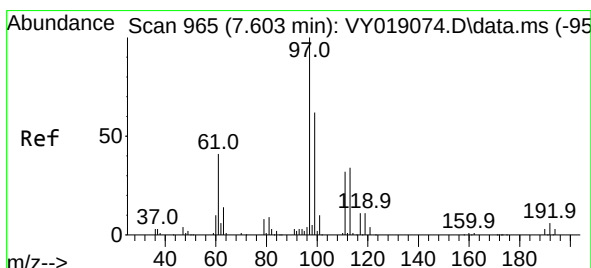
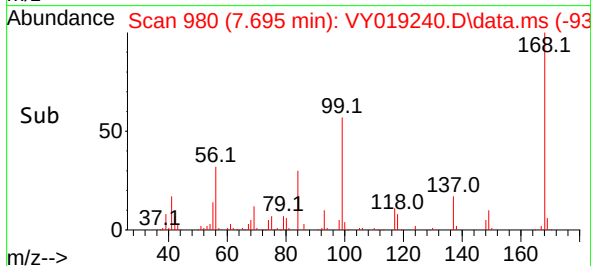
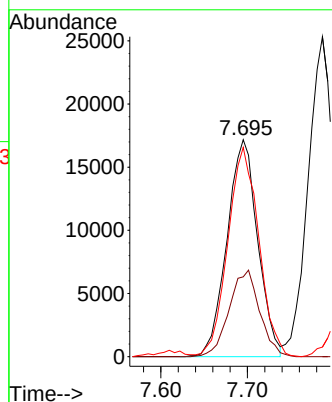
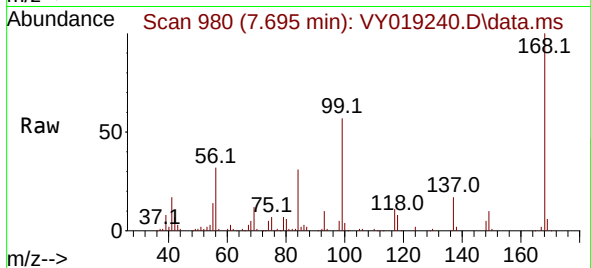




#31
Cyclohexane
Concen: 19.515 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

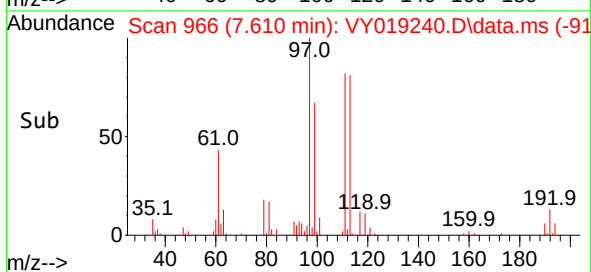
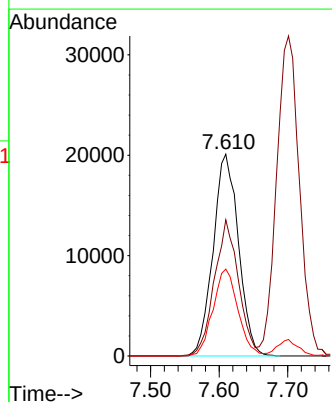
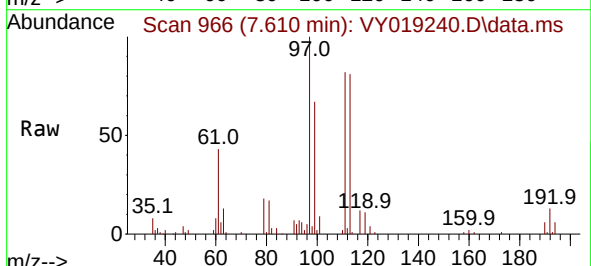
Instrument :
MSVOA_Y
ClientSampleId :

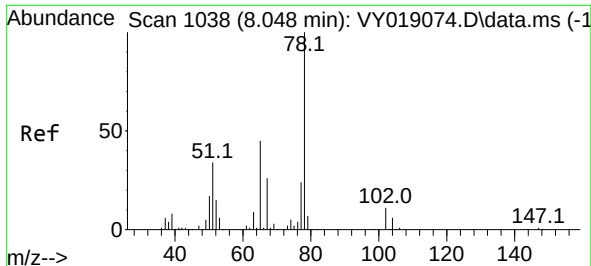
Tgt Ion: 56 Resp: 42327
Ion Ratio Lower Upper
56 100
69 36.8 28.7 43.1
84 93.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.288 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 97 Resp: 51642
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 42.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.723 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

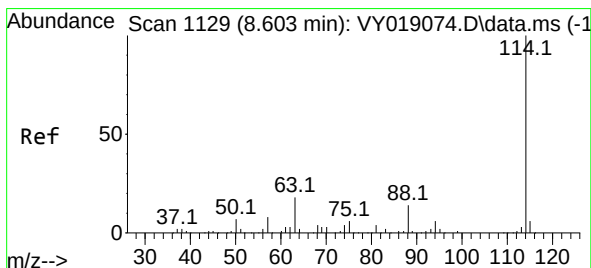
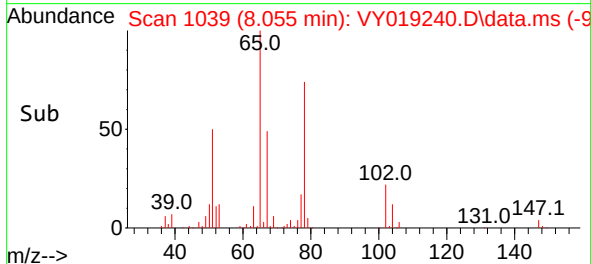
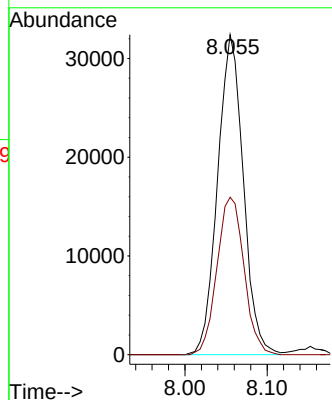
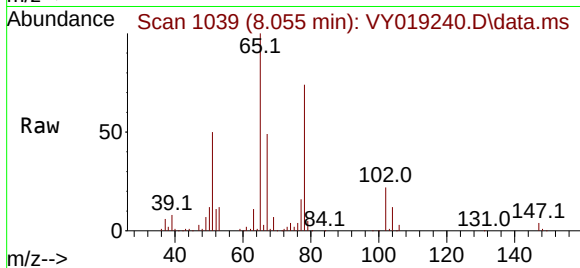
ClientSampleId :

Tgt Ion: 65 Resp: 70515

Ion Ratio Lower Upper

65 100

67 51.8 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: VY019240.D

Acq: 23 Aug 2024 00:40

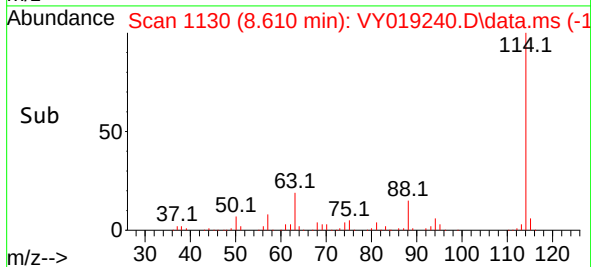
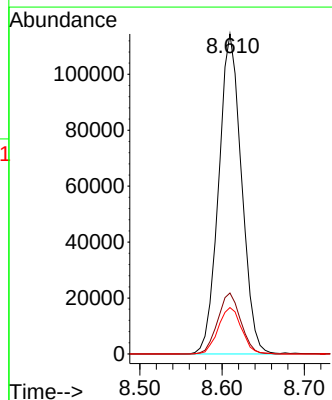
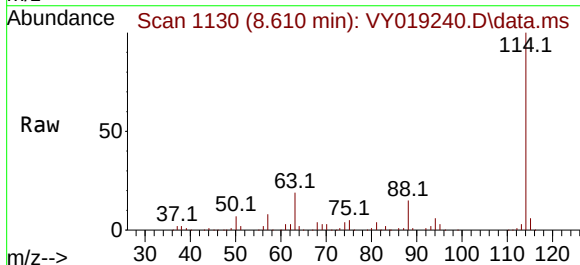
Tgt Ion: 114 Resp: 220857

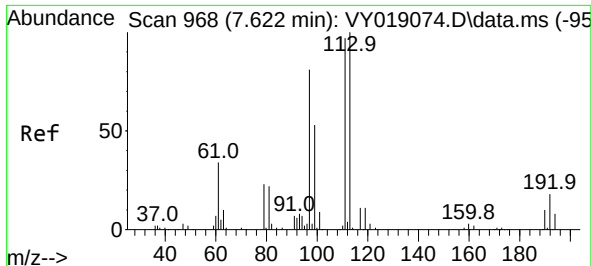
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

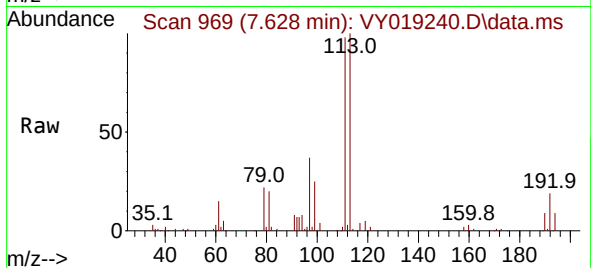
88 14.5 0.0 27.2



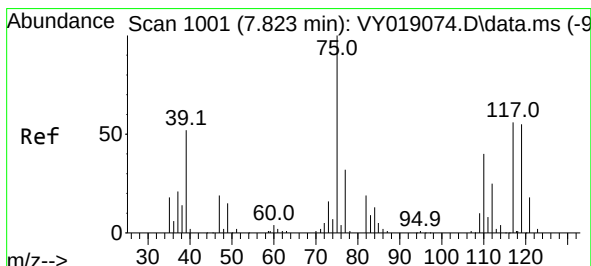
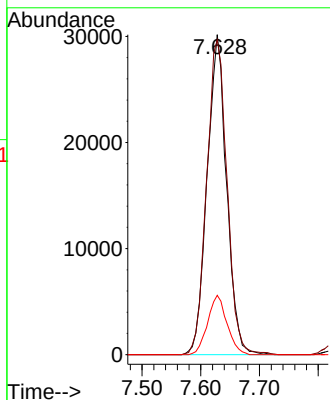
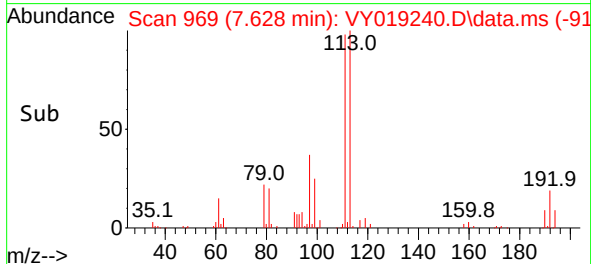


#35
 Dibromofluoromethane
 Concen: 48.039 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY019240.D
 Acq: 23 Aug 2024 00:40

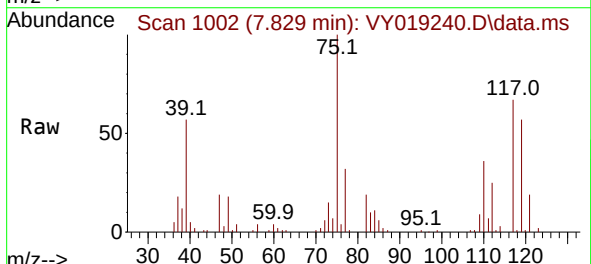
Instrument :
 MSVOA_Y
 ClientSampleId :



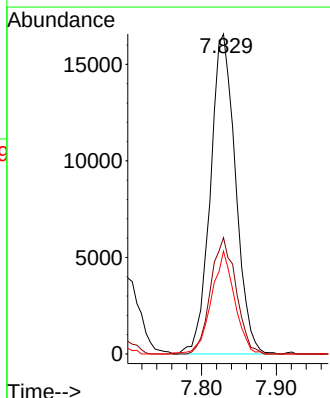
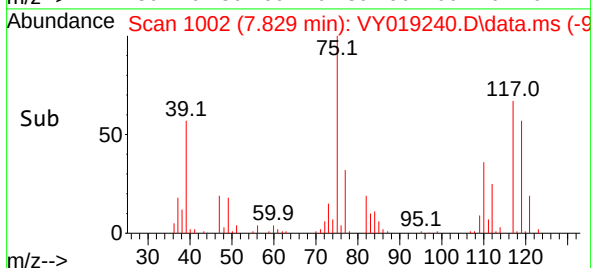
Tgt Ion:113 Resp: 69373
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 18.5 15.9 23.9

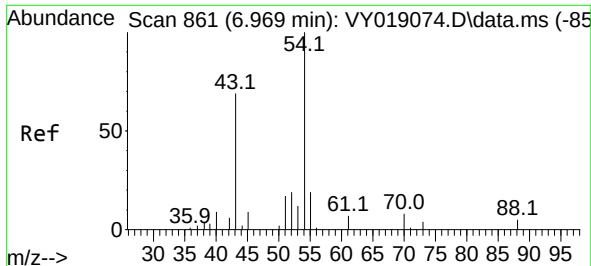


#36
 1,1-Dichloropropene
 Concen: 19.567 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. 0.006 min
 Lab File: VY019240.D
 Acq: 23 Aug 2024 00:40



Tgt Ion: 75 Resp: 38802
 Ion Ratio Lower Upper
 75 100
 110 36.4 19.0 57.0
 77 29.7 25.3 37.9





#37

Ethyl Acetate

Concen: 21.893 ug/l

RT: 6.976 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

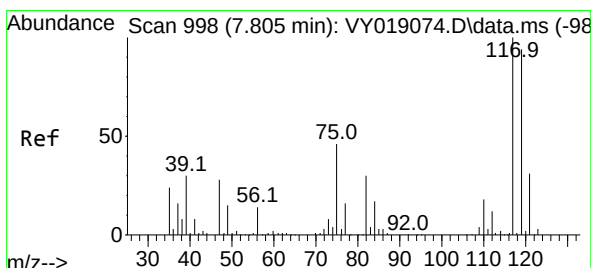
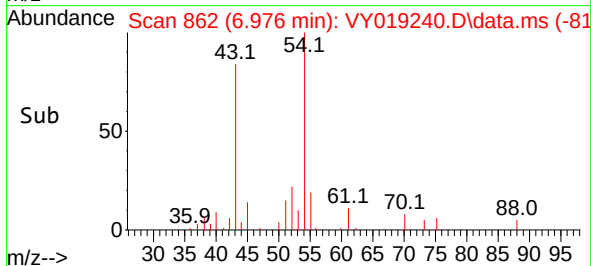
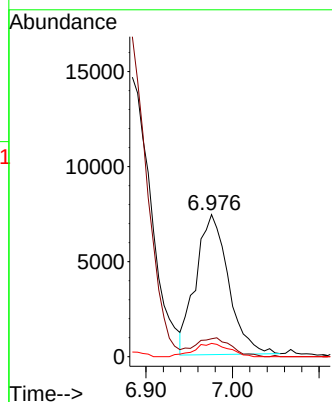
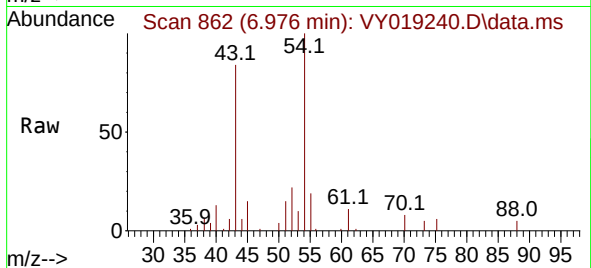
Tgt Ion: 43 Resp: 19234

Ion Ratio Lower Upper

43 100

61 13.5 12.6 19.0

70 10.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.902 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

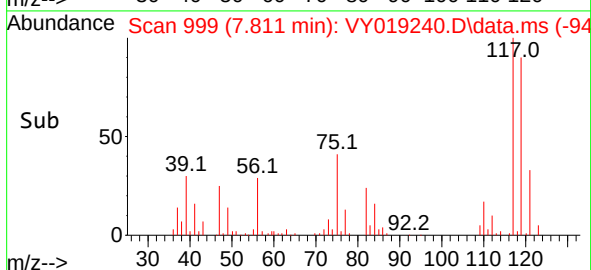
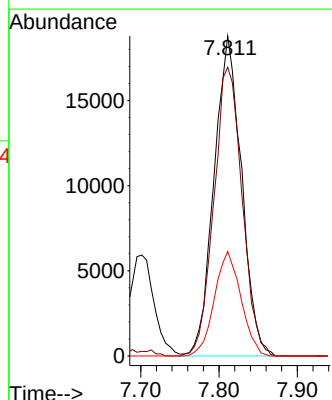
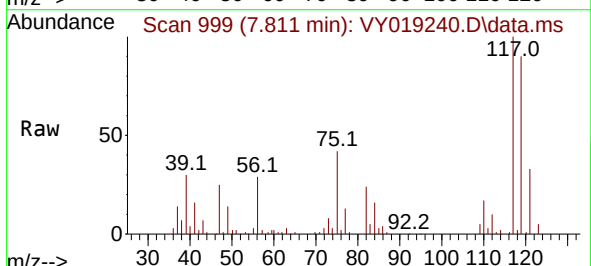
Tgt Ion: 117 Resp: 45737

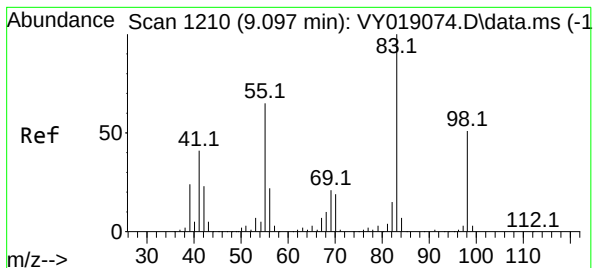
Ion Ratio Lower Upper

117 100

119 90.2 75.8 113.6

121 32.7 24.0 36.0





#39

Methylcyclohexane

Concen: 16.345 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

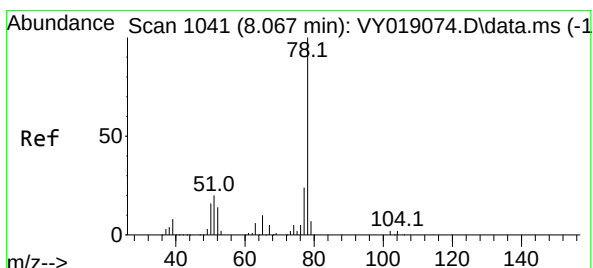
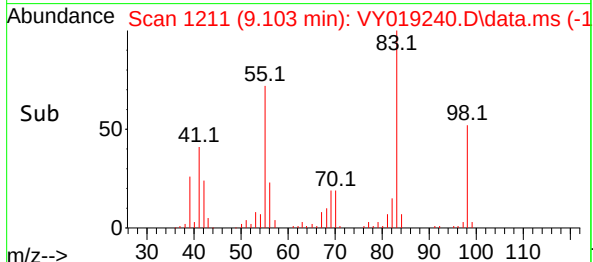
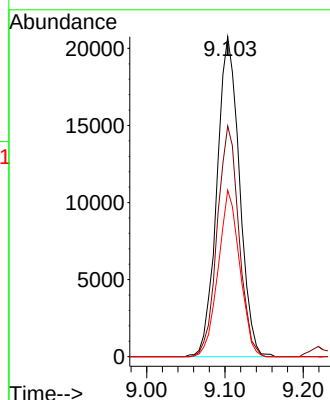
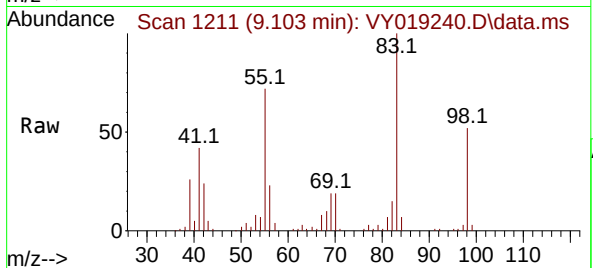
Tgt Ion: 83 Resp: 41594

Ion Ratio Lower Upper

83 100

55 72.1 51.5 77.3

98 52.0 40.5 60.7



#40

Benzene

Concen: 20.138 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019240.D

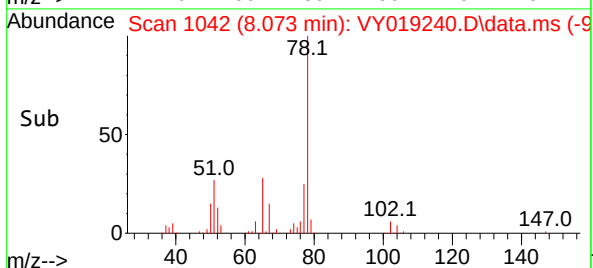
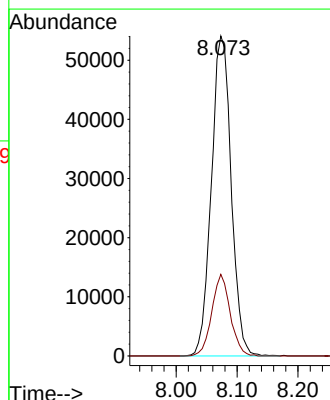
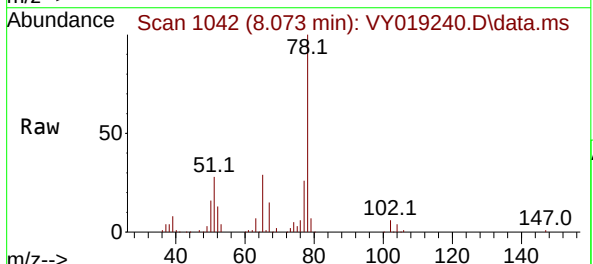
Acq: 23 Aug 2024 00:40

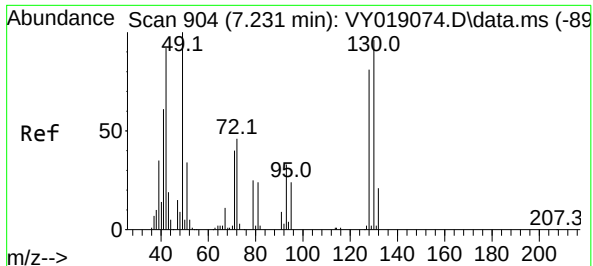
Tgt Ion: 78 Resp: 122474

Ion Ratio Lower Upper

78 100

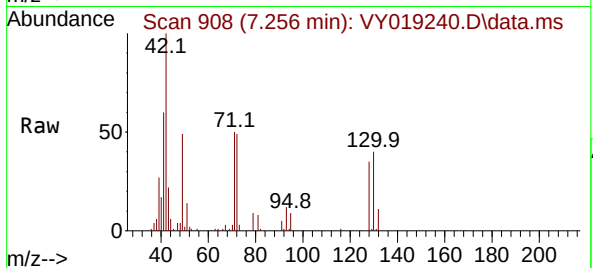
77 25.5 19.5 29.3



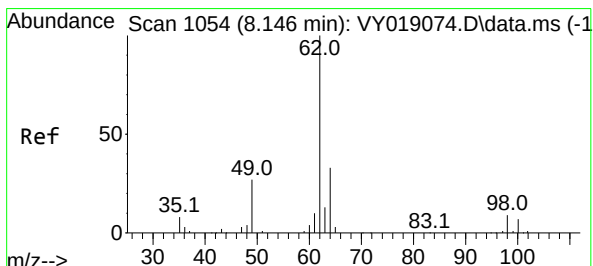
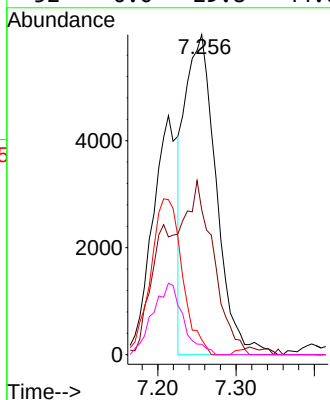
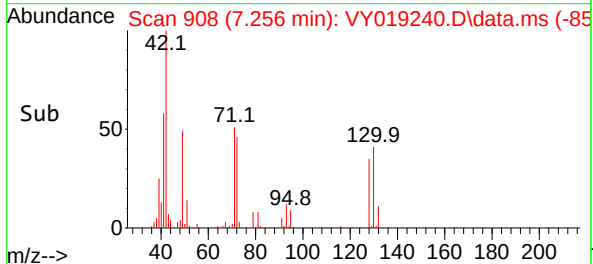


#41
Methacrylonitrile
Concen: 34.957 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

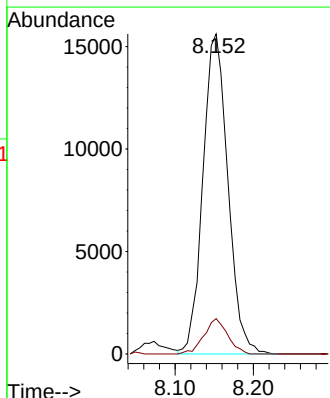
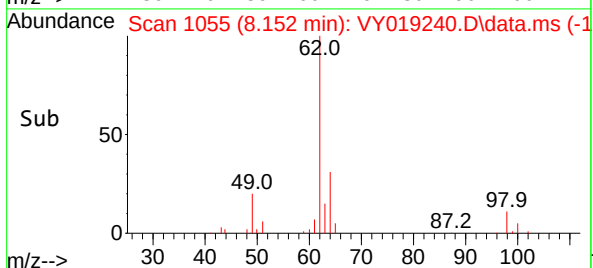
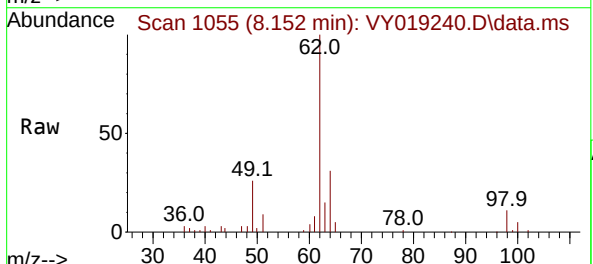


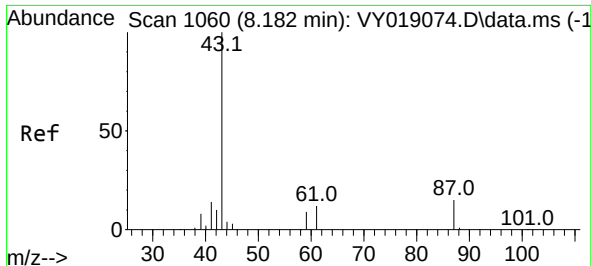
Tgt Ion: 41 Resp: 16763
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 21.063 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 62 Resp: 34592
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0

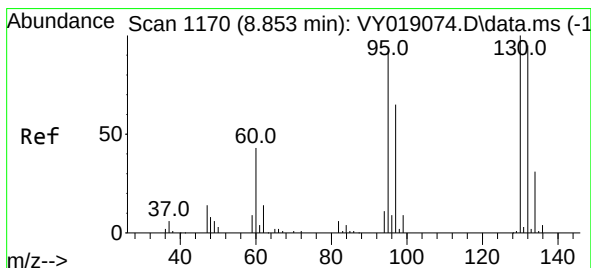
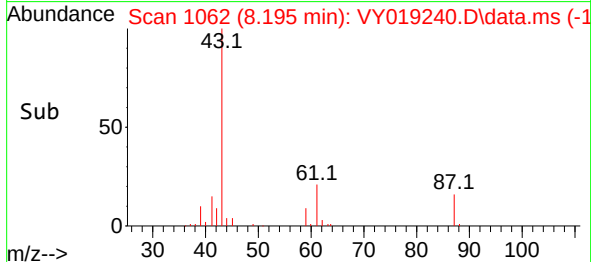
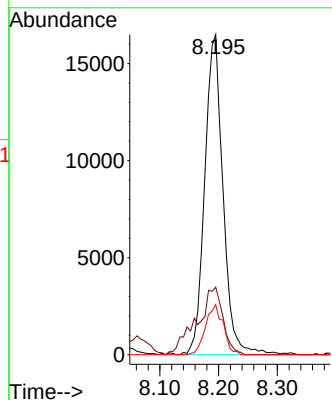
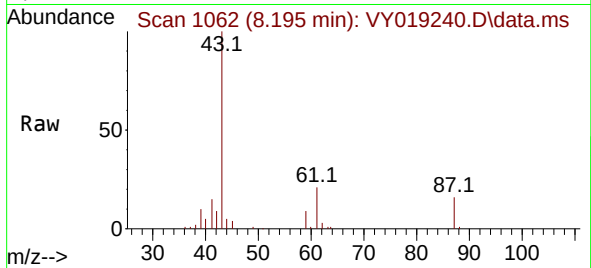




#43
Isopropyl Acetate
Concen: 20.077 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. 0.013 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

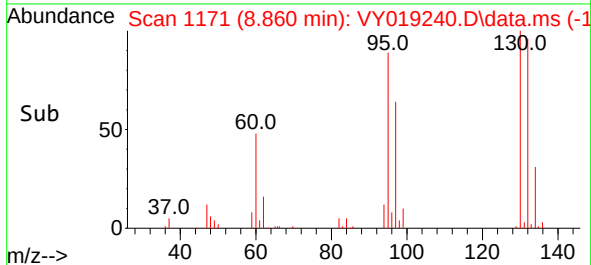
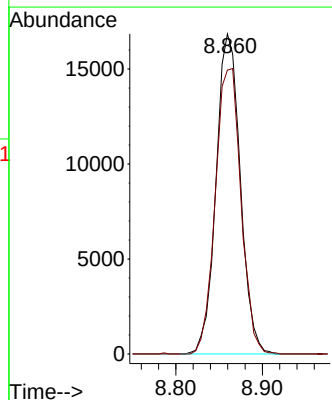
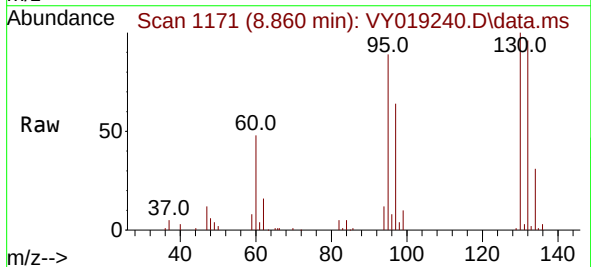
Instrument :
MSVOA_Y
ClientSampleId :

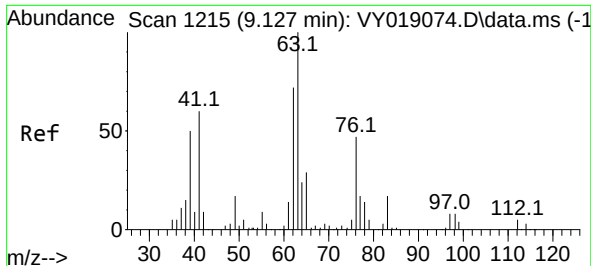
Tgt Ion: 43 Resp: 35673
Ion Ratio Lower Upper
43 100
61 30.1 27.9 41.9
87 15.2 13.1 19.7



#44
Trichloroethene
Concen: 19.268 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion:130 Resp: 32698
Ion Ratio Lower Upper
130 100
95 88.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 16.820 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

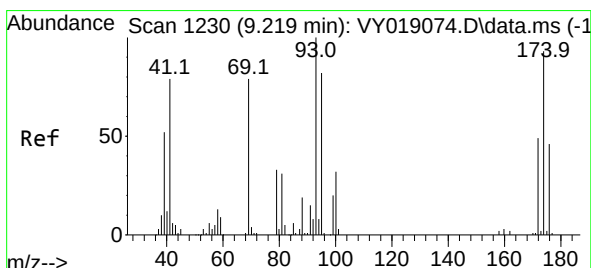
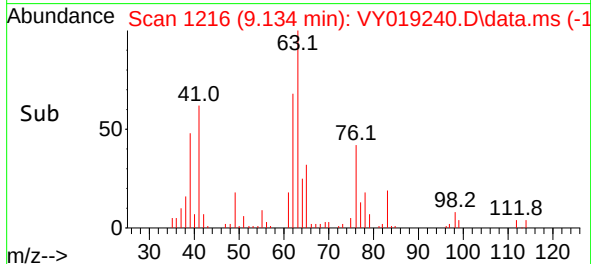
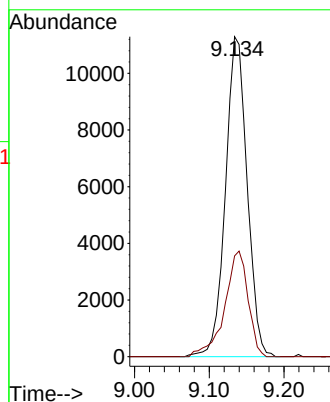
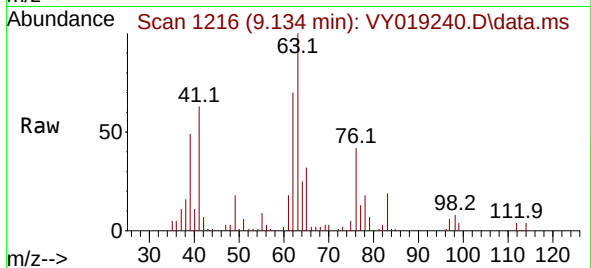
ClientSampleId :

Tgt Ion: 63 Resp: 22792

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 16.914 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

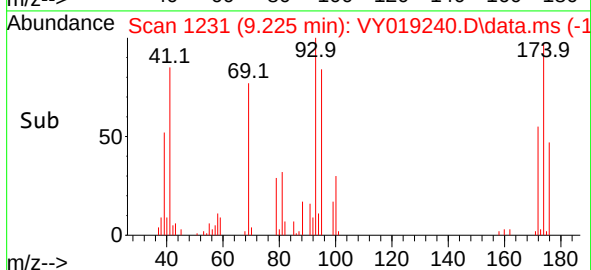
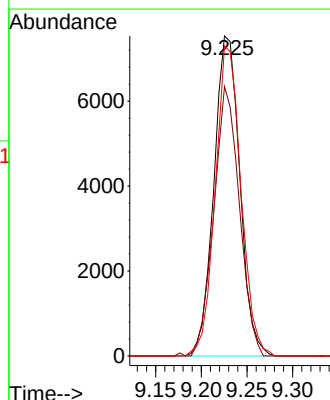
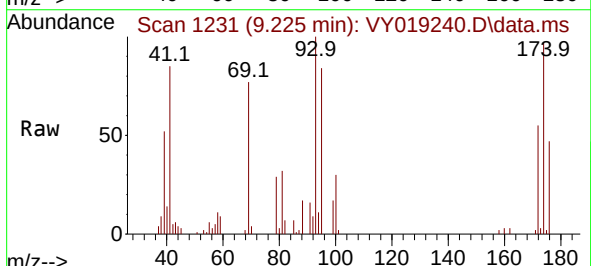
Tgt Ion: 93 Resp: 14865

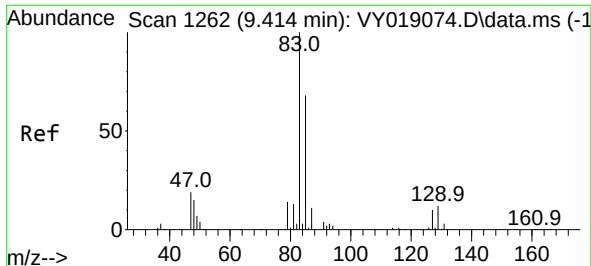
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 96.2 80.9 121.3





#47

Bromodichloromethane

Concen: 18.956 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019240.D

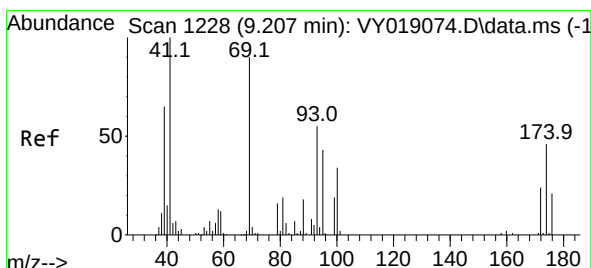
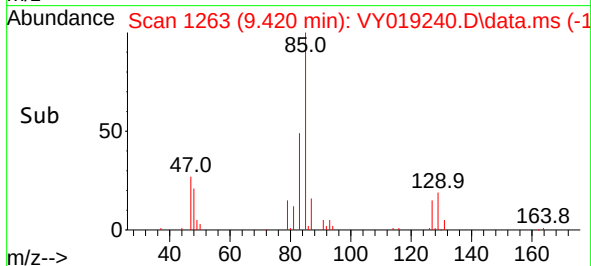
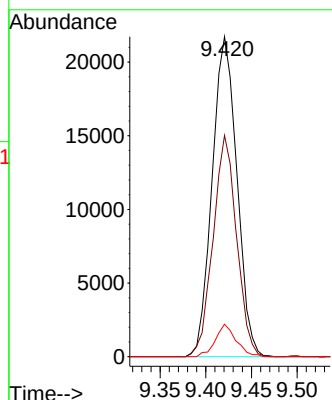
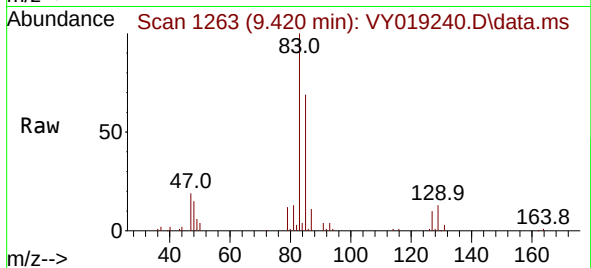
Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 40874
Ion Ratio	Lower Upper
83 100	
85 69.1	50.1 75.1
127 10.1	7.4 11.0



#48

Methyl methacrylate

Concen: 16.879 ug/l

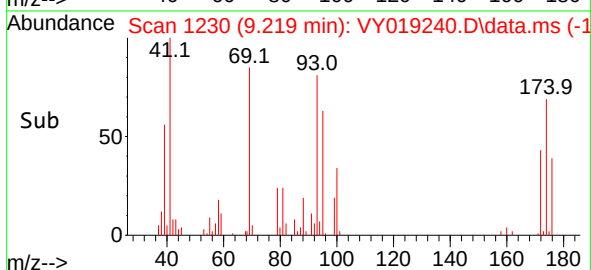
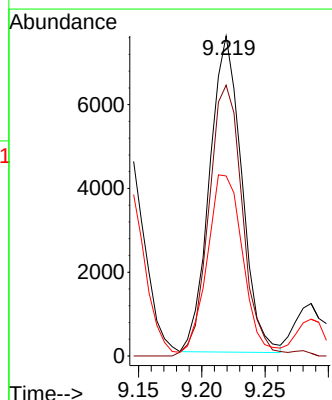
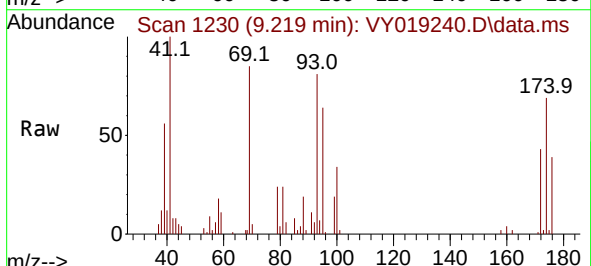
RT: 9.219 min Scan# 1230

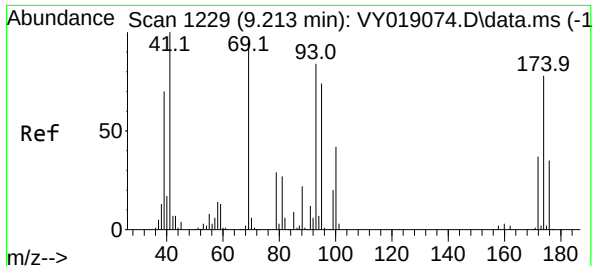
Delta R.T. 0.013 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Tgt Ion: 41	Resp: 13366
Ion Ratio	Lower Upper
41 100	
69 89.2	84.1 126.1
39 63.8	43.6 65.4





#49

1,4-Dioxane

Concen: 328.941 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

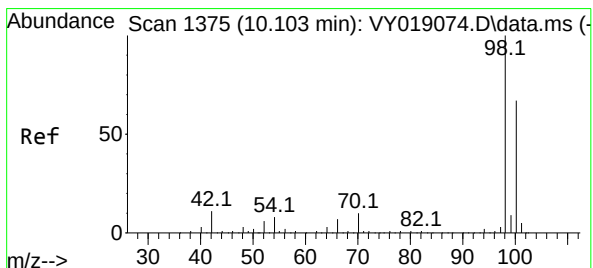
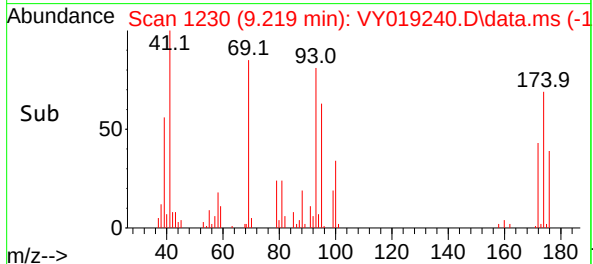
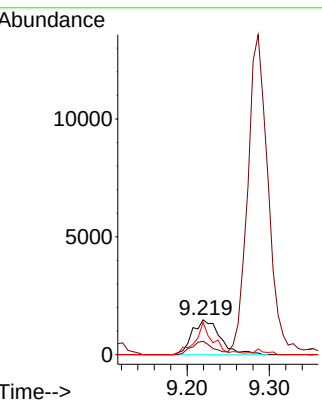
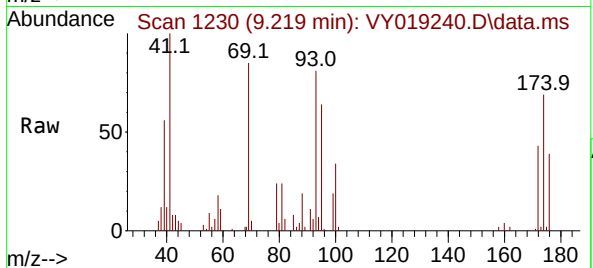
Tgt Ion: 88 Resp: 3502

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0#

58 60.1 49.3 73.9



#50

Toluene-d8

Concen: 39.274 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019240.D

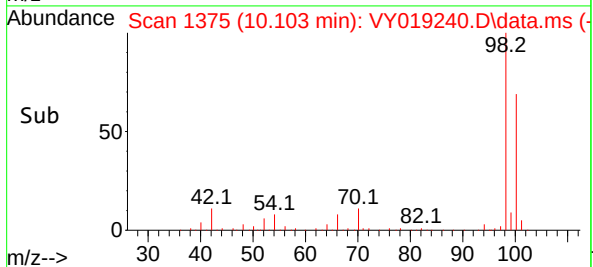
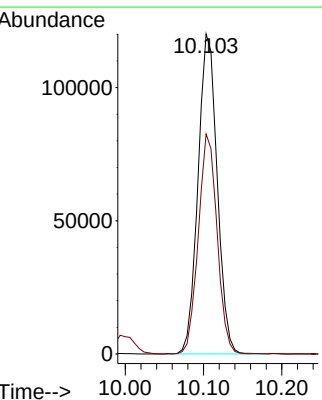
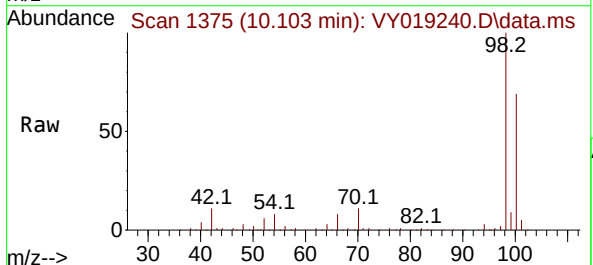
Acq: 23 Aug 2024 00:40

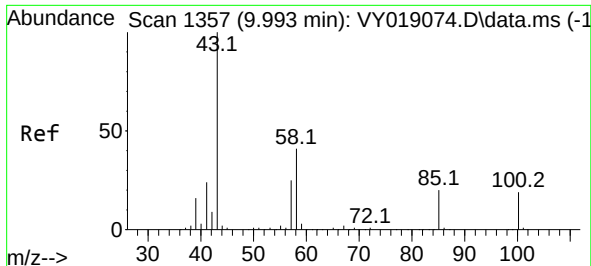
Tgt Ion: 98 Resp: 204098

Ion Ratio Lower Upper

98 100

100 67.3 52.0 78.0

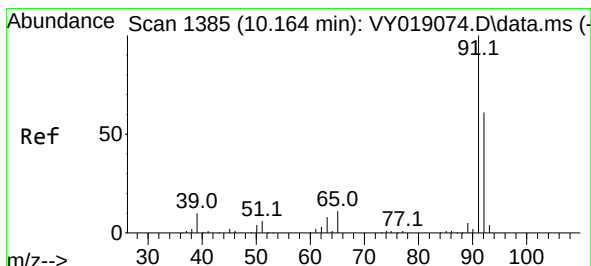
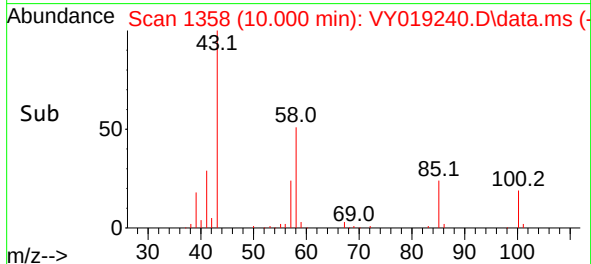
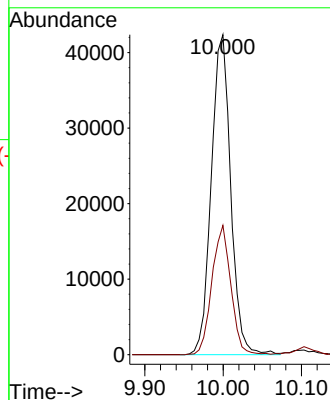
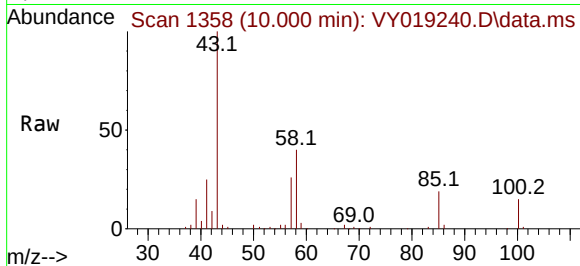




#51
4-Methyl-2-Pentanone
Concen: 77.462 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

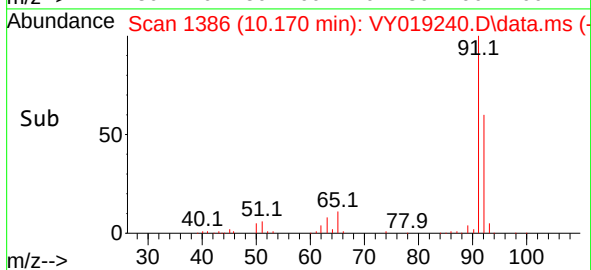
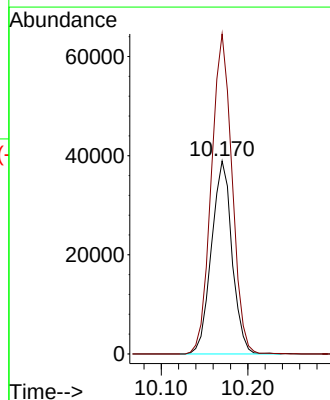
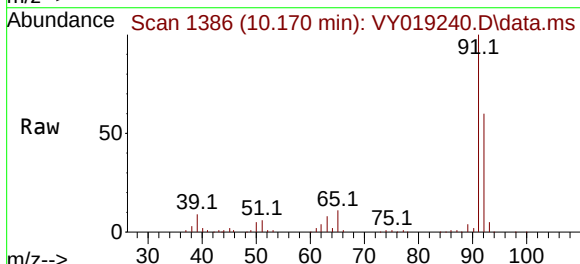
Instrument :
MSVOA_Y
ClientSampleId :

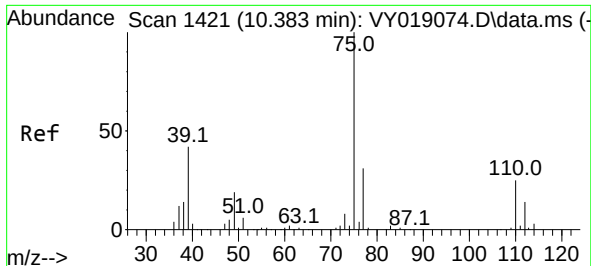
Tgt Ion: 43 Resp: 73051
Ion Ratio Lower Upper
43 100
58 39.4 35.7 53.5



#52
Toluene
Concen: 16.061 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 92 Resp: 64120
Ion Ratio Lower Upper
92 100
91 167.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 15.082 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.013 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

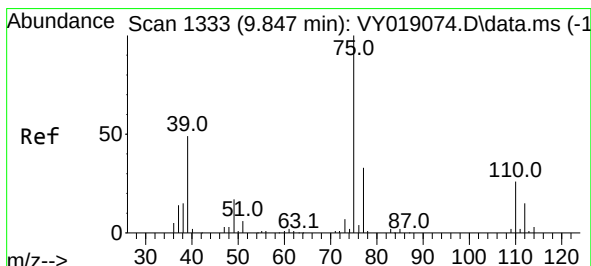
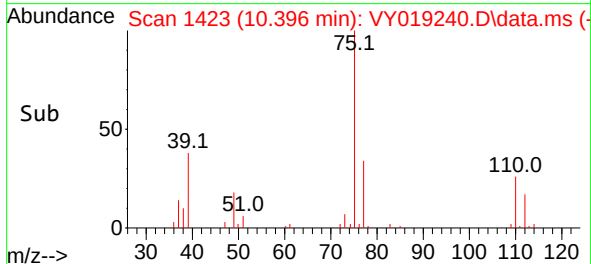
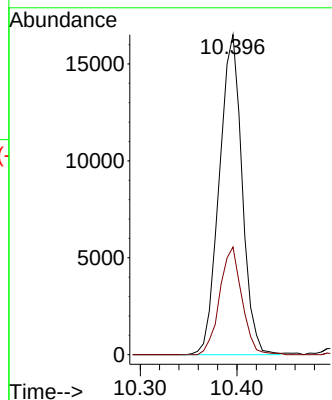
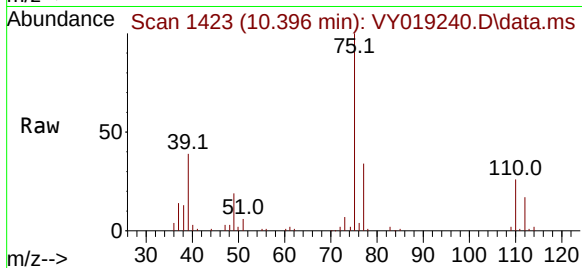
ClientSampleId :

Tgt Ion: 75 Resp: 26977

Ion Ratio Lower Upper

75 100

77 33.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 14.889 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

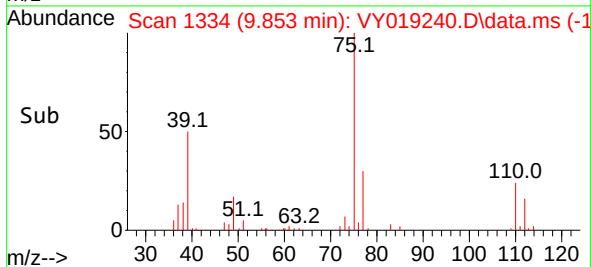
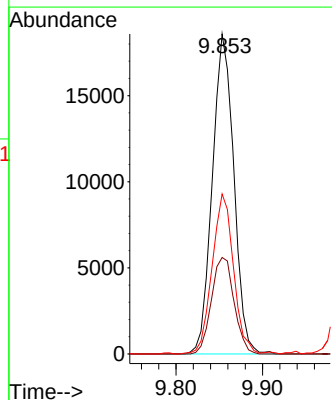
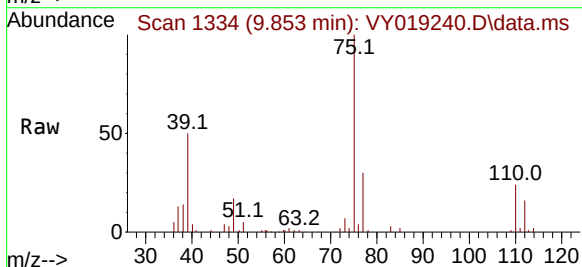
Tgt Ion: 75 Resp: 32028

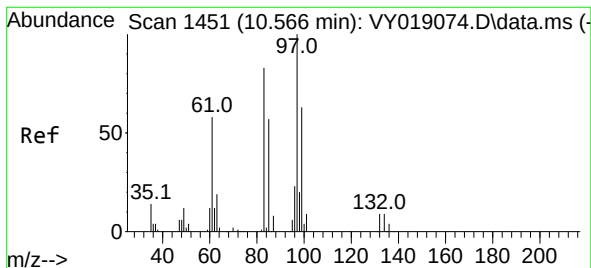
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

39 50.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 16.545 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 18719

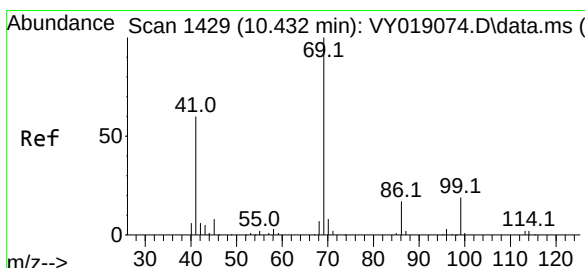
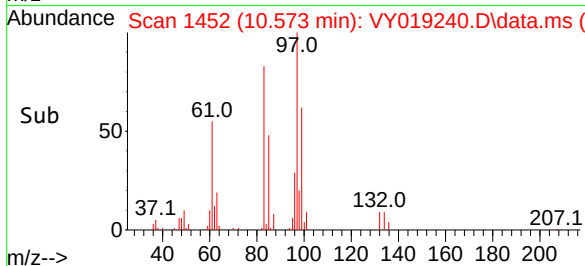
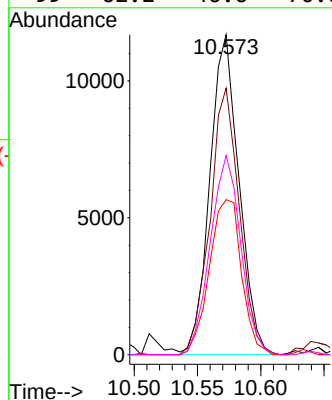
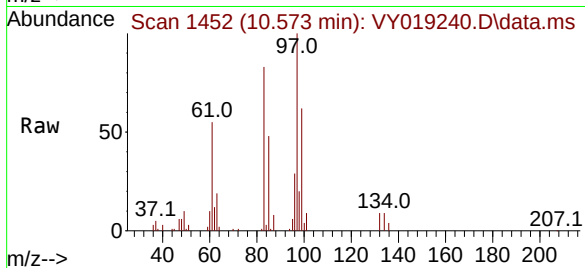
Ion Ratio Lower Upper

97 100

83 83.3 67.5 101.3

85 48.5 42.9 64.3

99 62.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 15.018 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.013 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

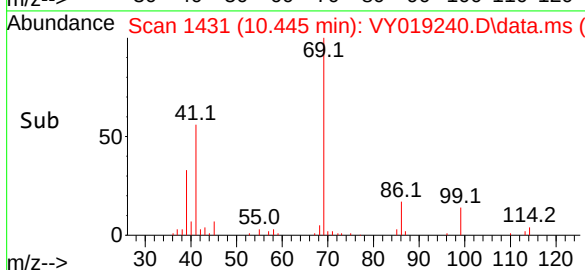
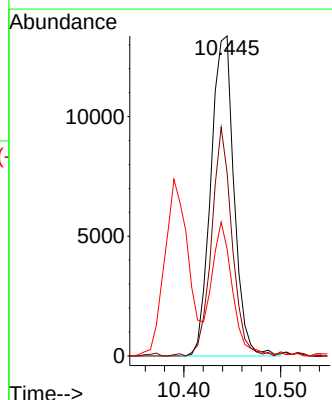
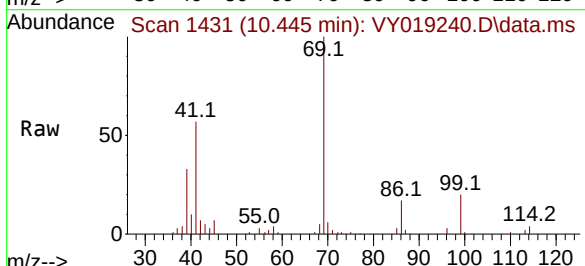
Tgt Ion: 69 Resp: 22240

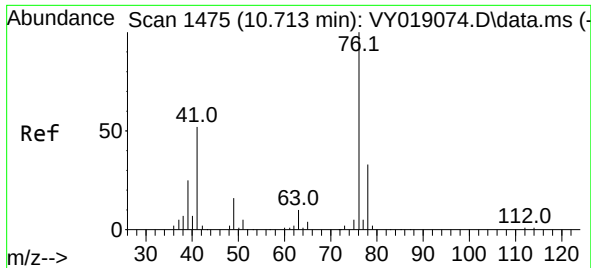
Ion Ratio Lower Upper

69 100

41 63.0 42.3 63.5

39 37.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 16.381 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

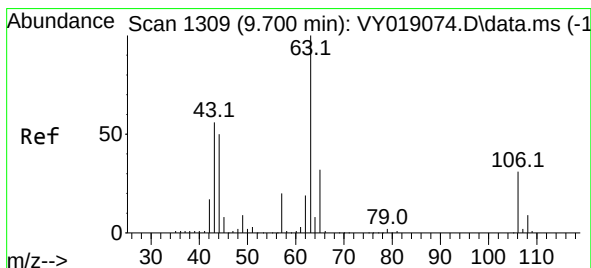
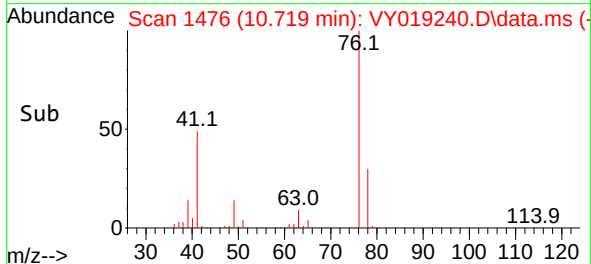
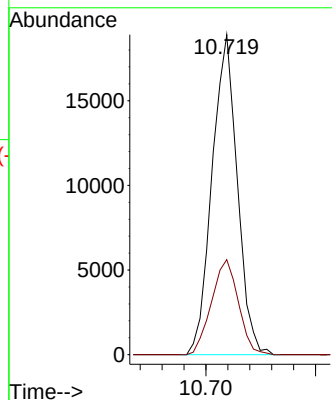
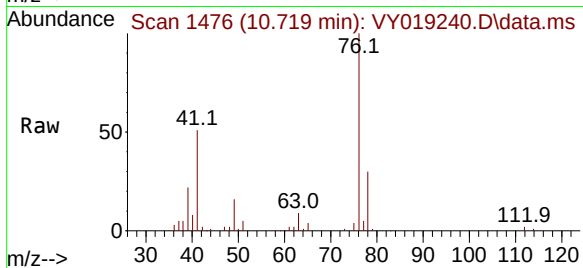
ClientSampleId :

Tgt Ion: 76 Resp: 30212

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 79.017 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019240.D

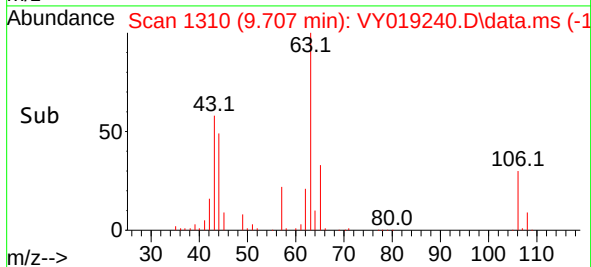
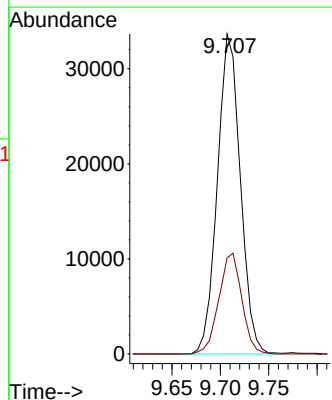
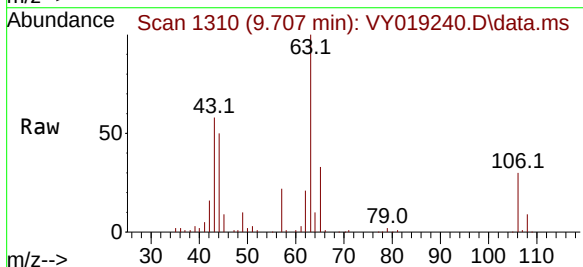
Acq: 23 Aug 2024 00:40

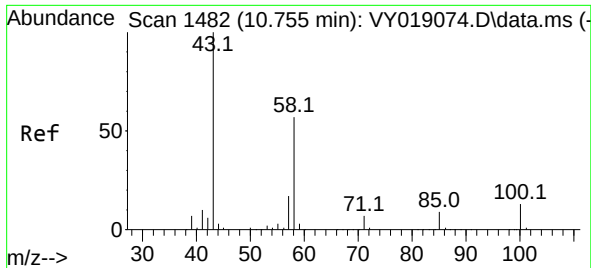
Tgt Ion: 63 Resp: 55512

Ion Ratio Lower Upper

63 100

106 31.5 23.7 35.5

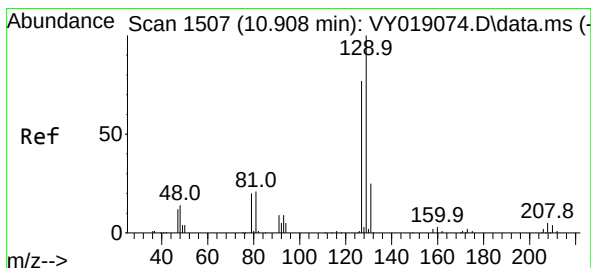
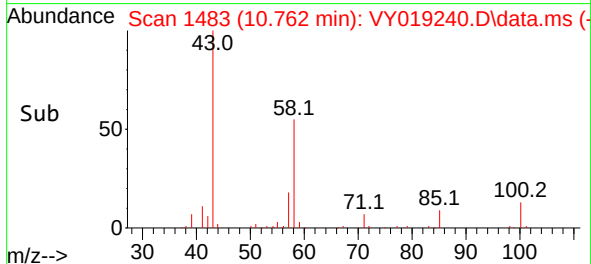
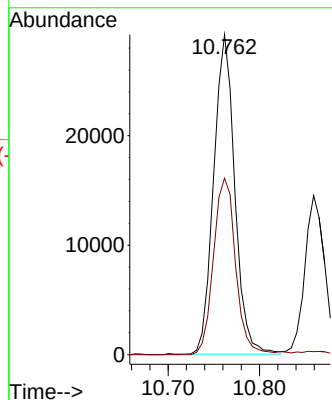
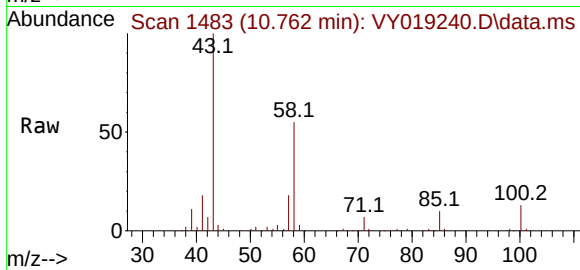




#59
2-Hexanone
Concen: 72.289 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

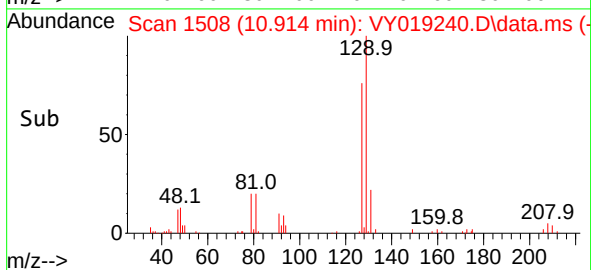
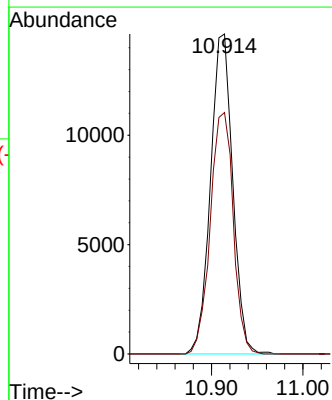
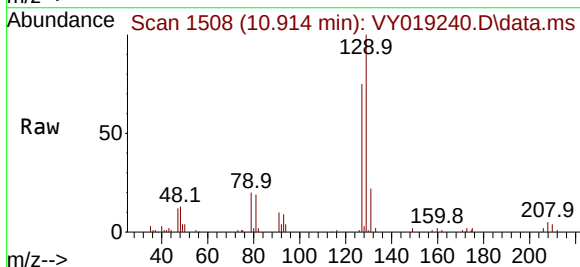
Instrument :
MSVOA_Y
ClientSampleId :

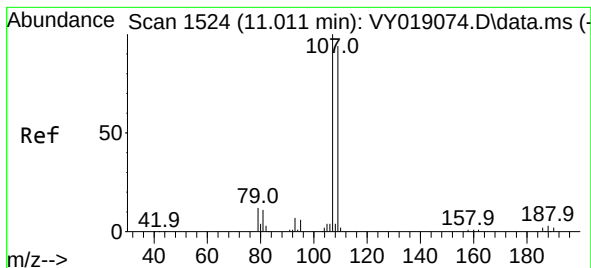
Tgt Ion: 43 Resp: 46836
Ion Ratio Lower Upper
43 100
58 57.8 31.4 94.0



#60
Dibromochloromethane
Concen: 16.001 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 129 Resp: 24658
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 15.984 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

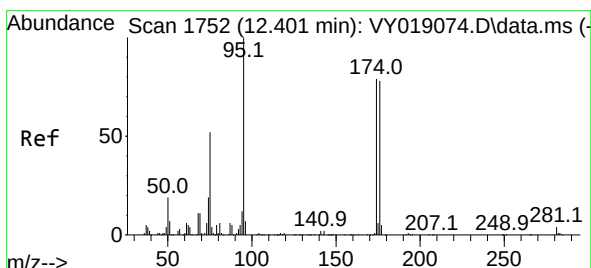
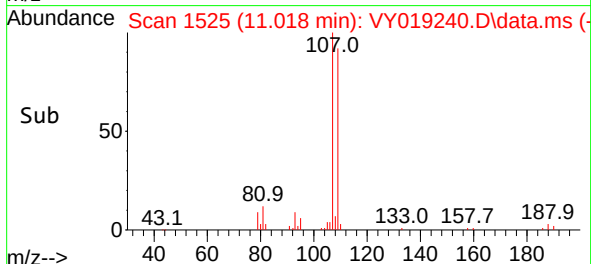
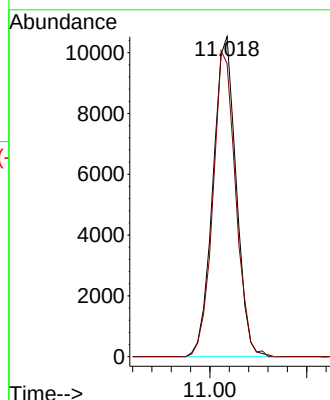
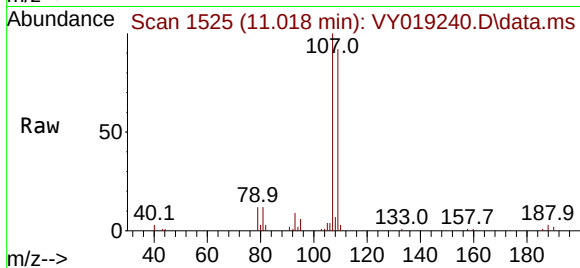
ClientSampleId :

Tgt Ion:107 Resp: 17479

Ion Ratio Lower Upper

107 100

109 93.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 46.501 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

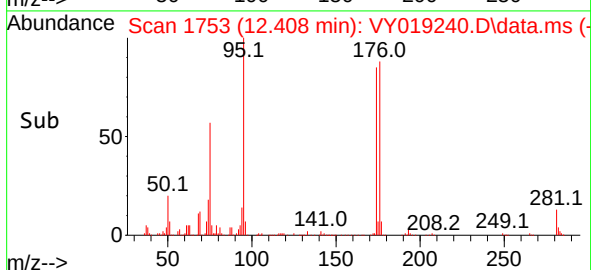
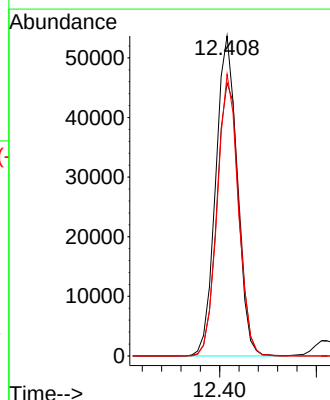
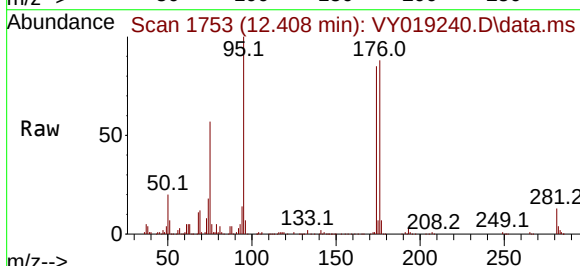
Tgt Ion: 95 Resp: 82380

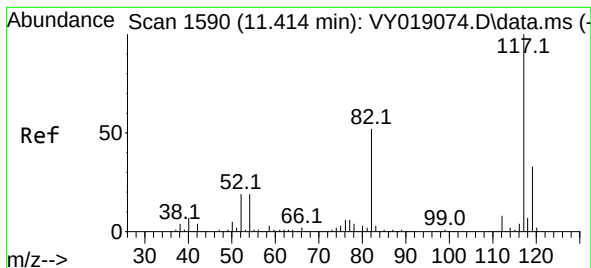
Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.6

176 86.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

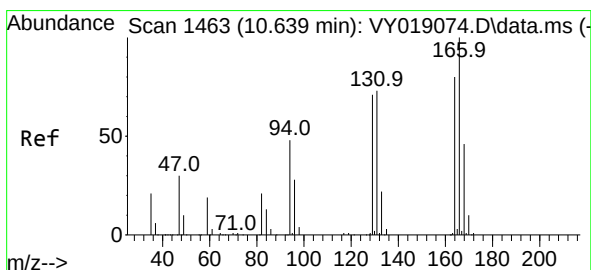
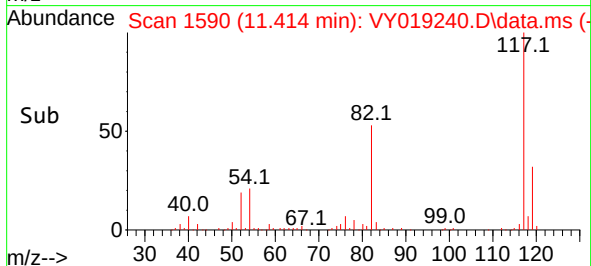
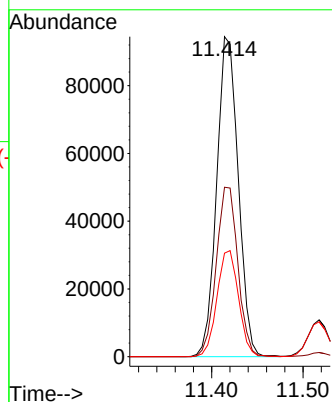
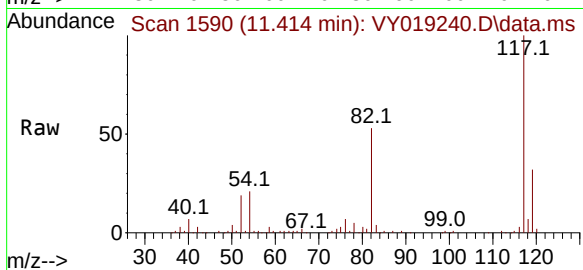
Tgt Ion:117 Resp: 154975

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 19.750 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Tgt Ion:164 Resp: 26754

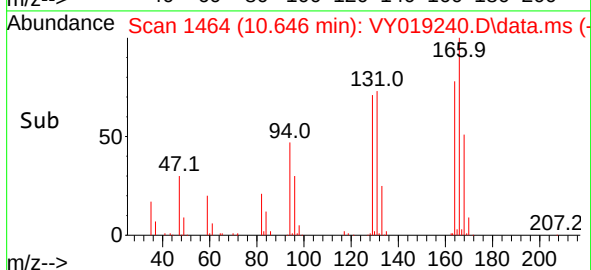
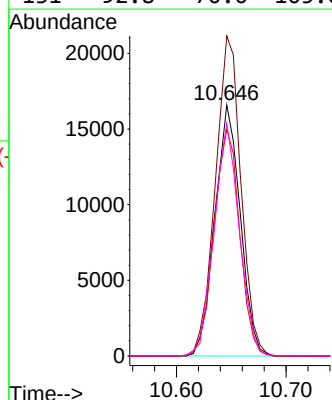
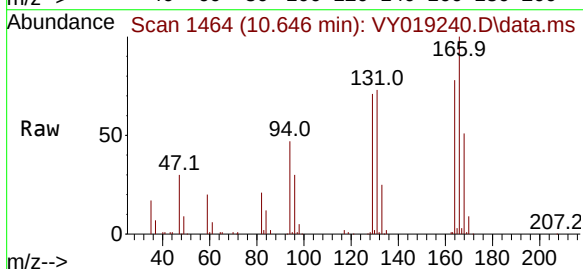
Ion Ratio Lower Upper

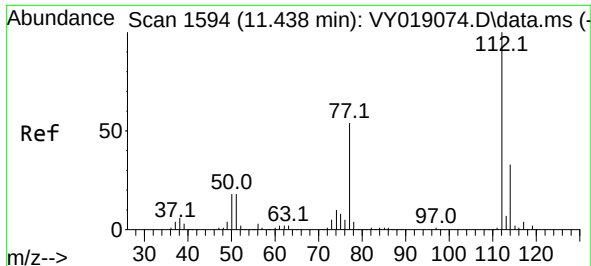
164 100

166 127.5 102.6 154.0

129 90.3 72.0 108.0

131 92.8 70.0 105.0

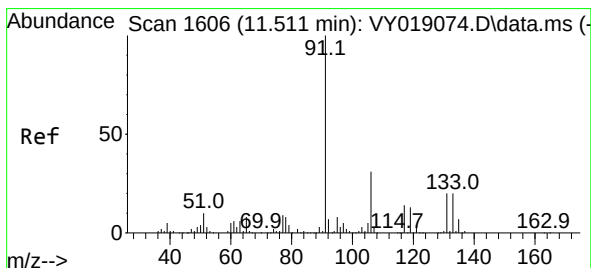
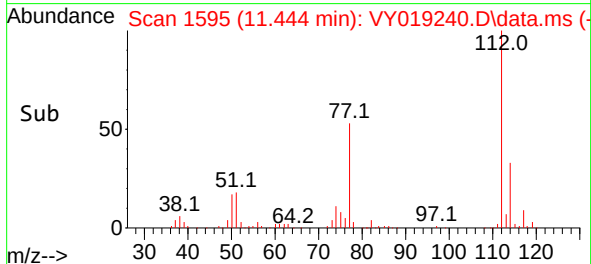
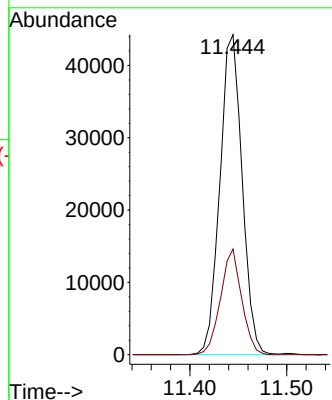
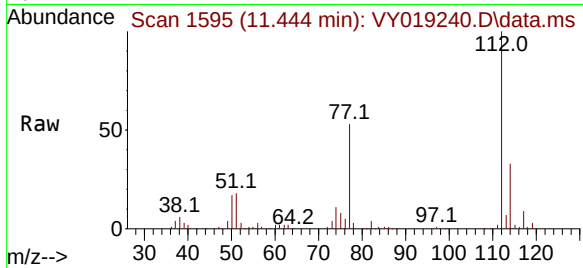




#65
Chlorobenzene
Concen: 19.803 ug/l
RT: 11.444 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

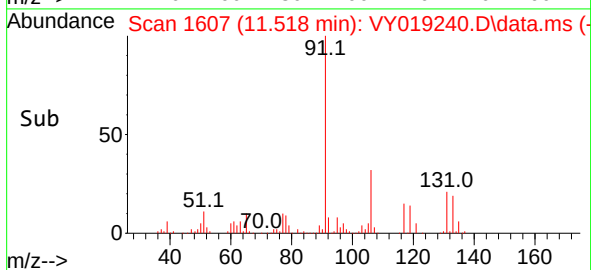
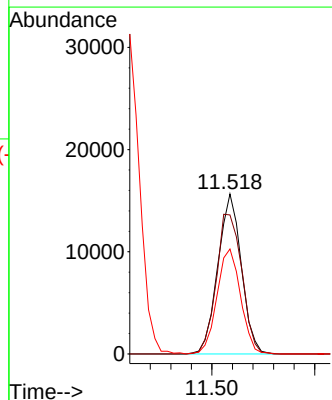
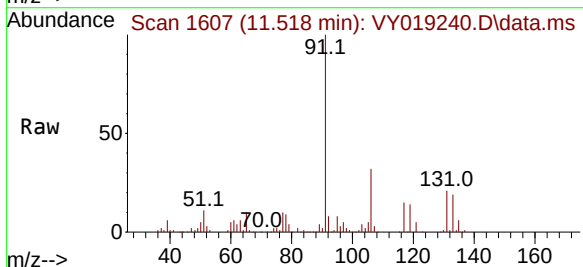
Instrument :
MSVOA_Y
ClientSampleId :

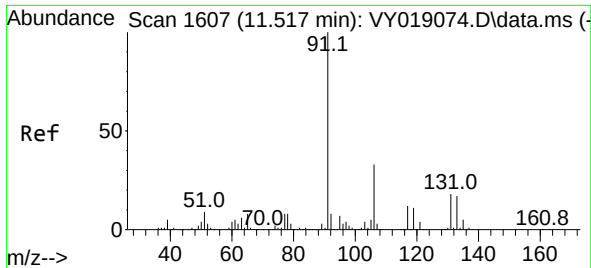
Tgt Ion:112 Resp: 70667
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.761 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion:131 Resp: 24798
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.3
119 66.0 34.1 102.2

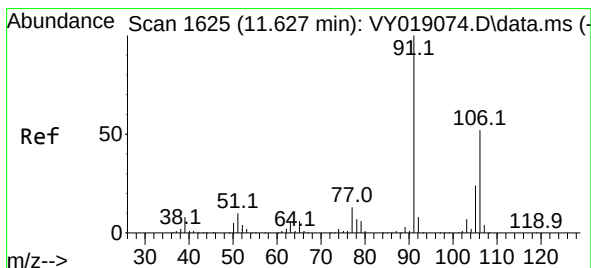
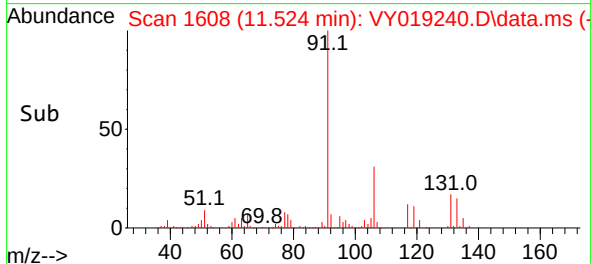
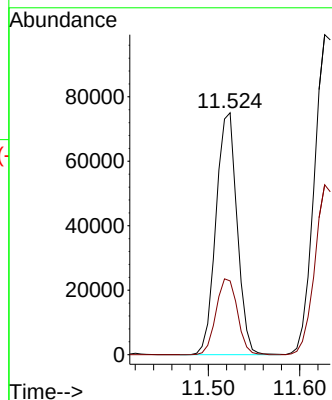
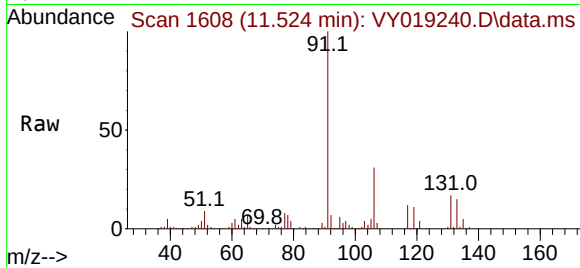




#67
Ethyl Benzene
Concen: 19.435 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

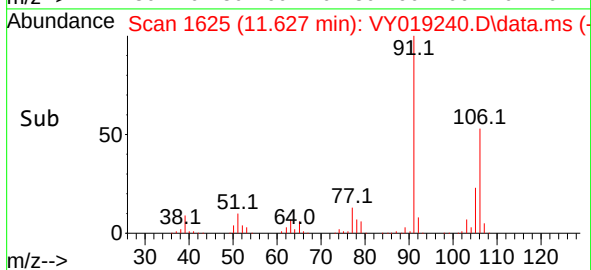
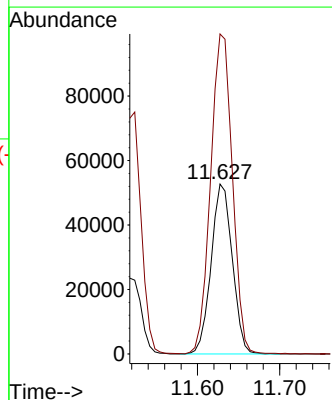
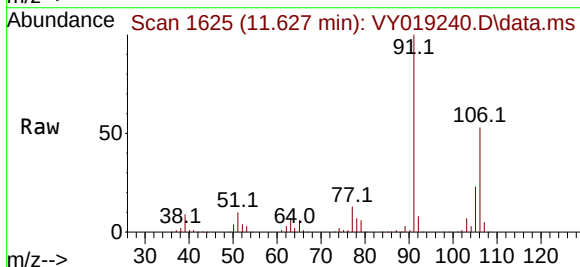
Instrument :
MSVOA_Y
ClientSampleId :

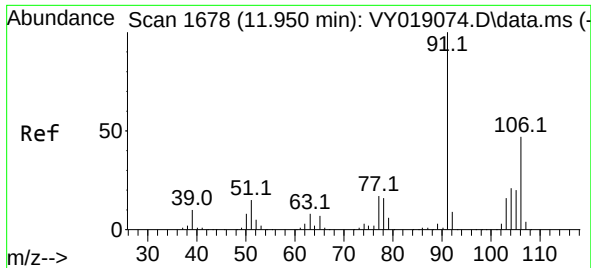
Tgt Ion: 91 Resp: 120373
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#68
m/p-Xylenes
Concen: 38.340 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion:106 Resp: 94225
Ion Ratio Lower Upper
106 100
91 194.0 156.0 234.0

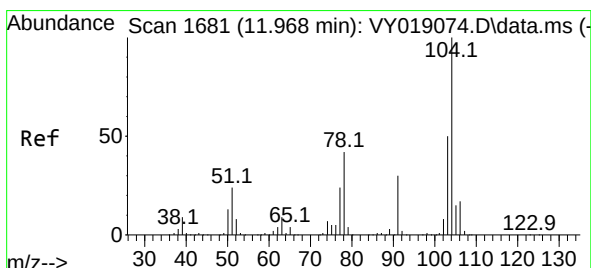
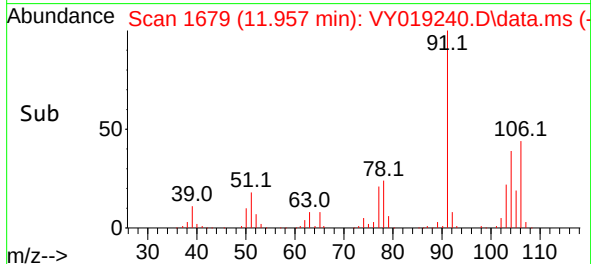
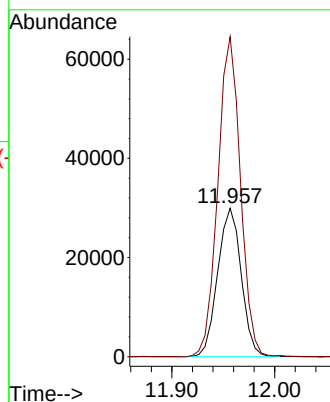
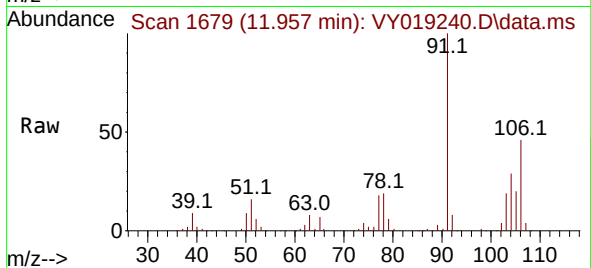




#69
o-Xylene
Concen: 20.881 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

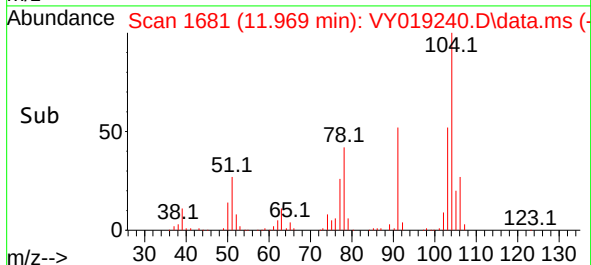
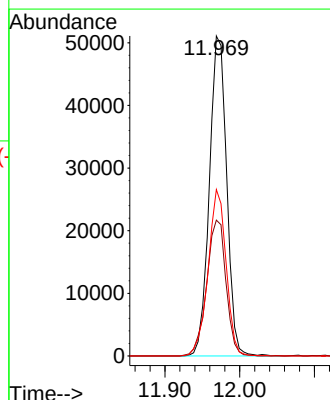
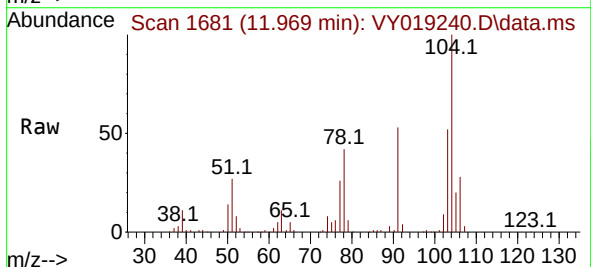
Instrument :
MSVOA_Y
ClientSampleId :

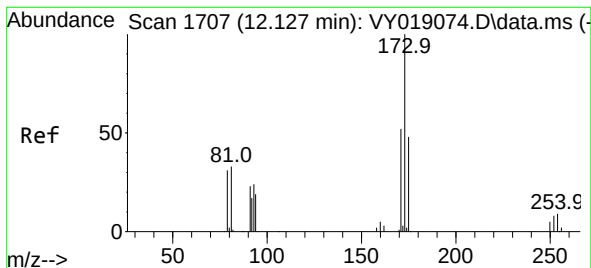
Tgt Ion:106 Resp: 47523
Ion Ratio Lower Upper
106 100
91 207.4 103.6 310.8



#70
Styrene
Concen: 21.191 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion:104 Resp: 82240
Ion Ratio Lower Upper
104 100
78 47.3 37.0 55.4
103 54.1 44.2 66.2





#71

Bromoform

Concen: 23.002 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019240.D

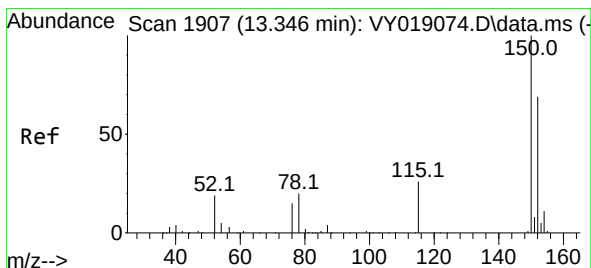
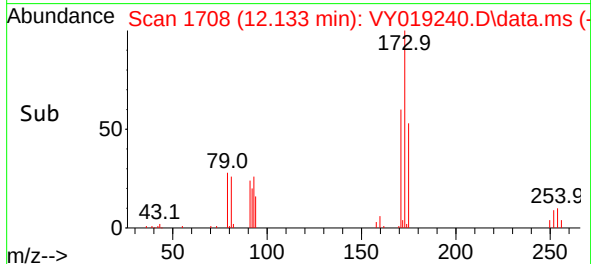
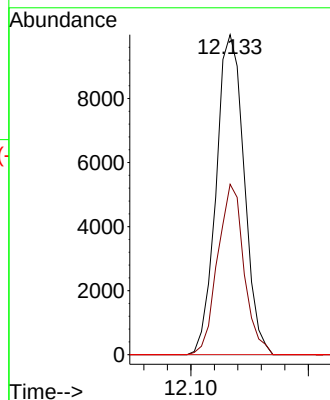
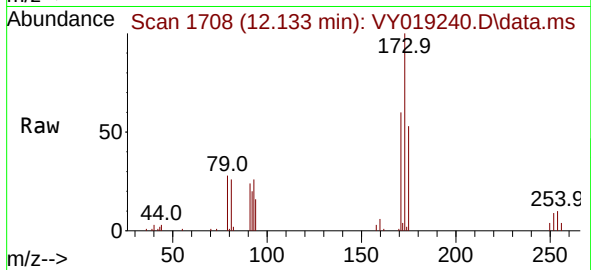
Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	16501
Ion Ratio	Lower	Upper
173	100	
175	50.4	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

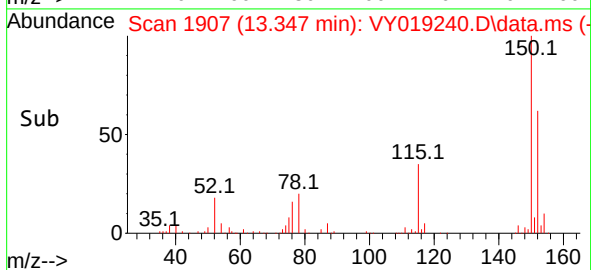
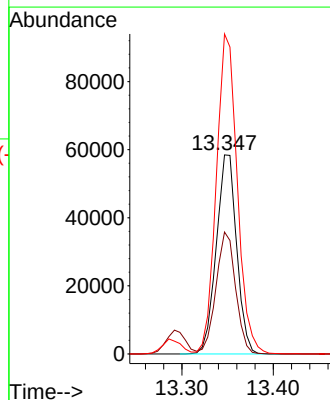
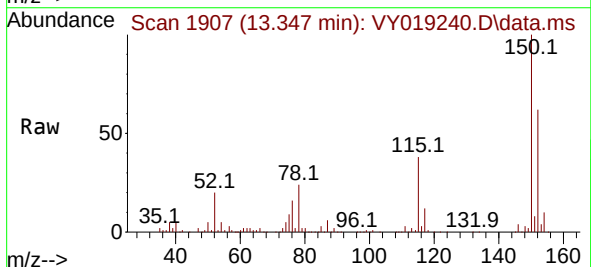
RT: 13.347 min Scan# 1907

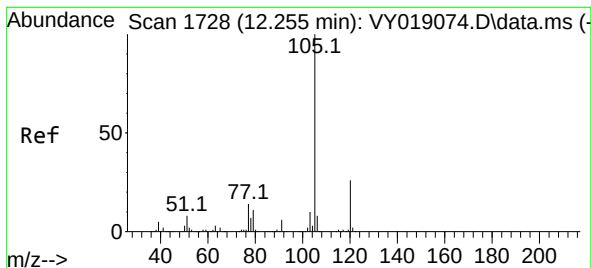
Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Tgt Ion:152	Resp:	90772
Ion Ratio	Lower	Upper
152	100	
115	59.1	28.2 84.7
150	165.6	0.0 345.6





#73

Isopropylbenzene

Concen: 20.545 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

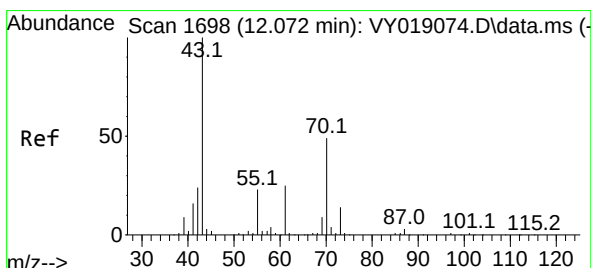
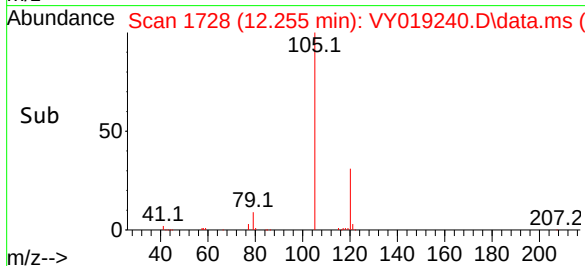
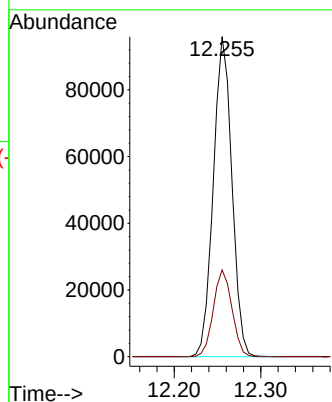
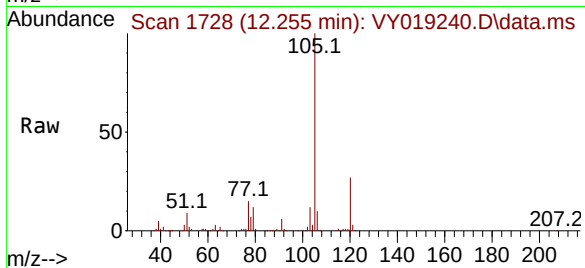
ClientSampleId :

Tgt Ion:105 Resp: 142935

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 18.830 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Tgt Ion: 43 Resp: 28567

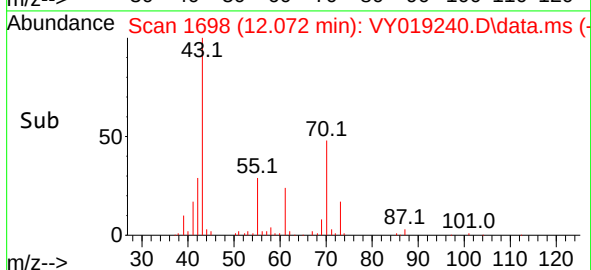
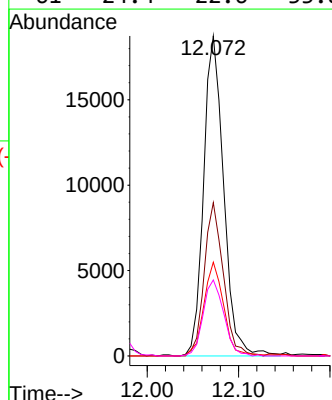
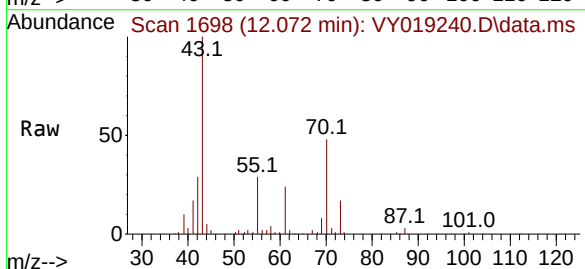
Ion Ratio Lower Upper

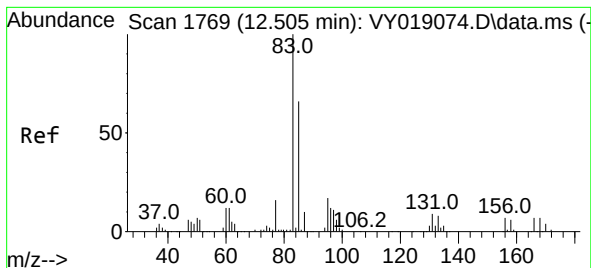
43 100

70 45.5 41.4 62.2

55 29.1 23.3 34.9

61 24.4 22.6 33.8

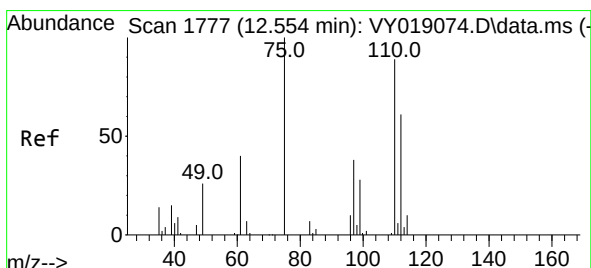
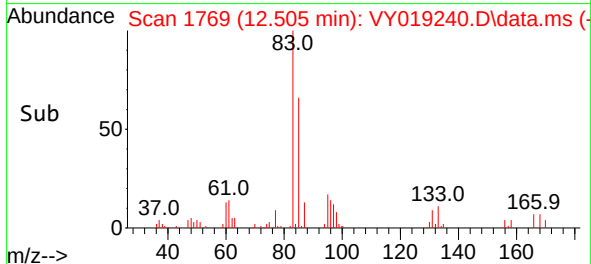
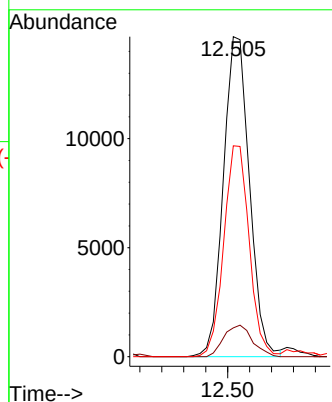
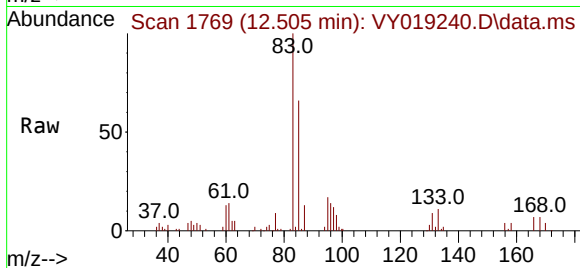




#75
1,1,2,2-Tetrachloroethane
Concen: 19.583 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

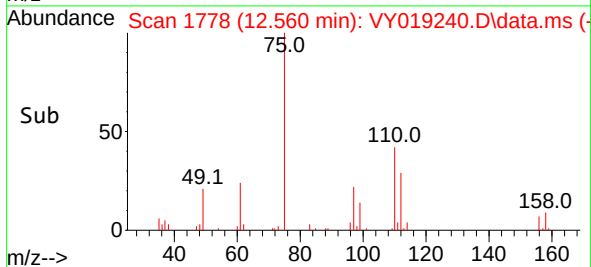
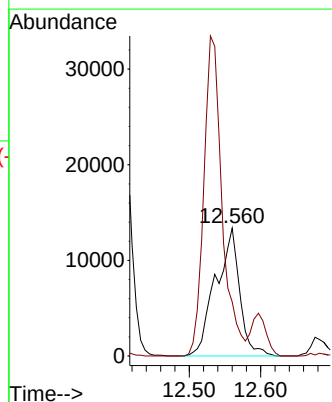
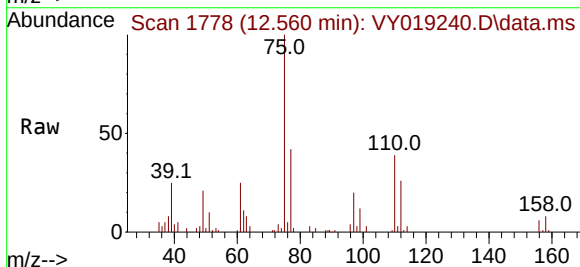
Instrument :
MSVOA_Y
ClientSampleId :

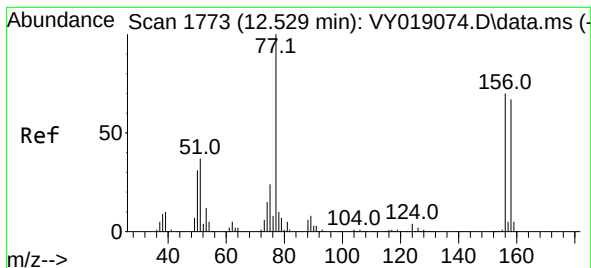
Tgt Ion: 83 Resp: 24256
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 64.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 34.812 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 75 Resp: 31163
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.285 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

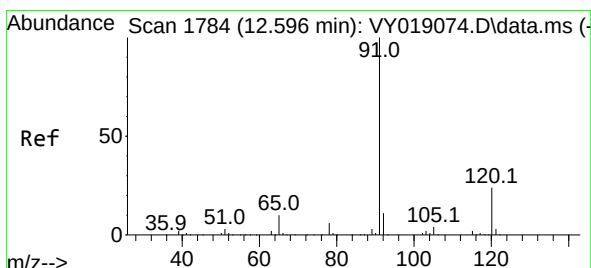
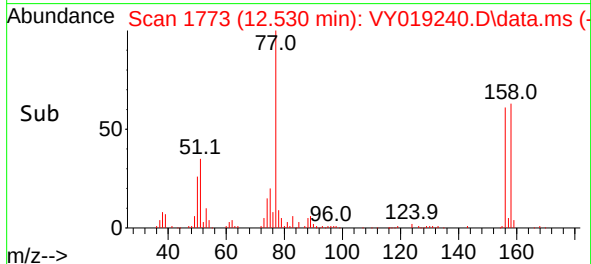
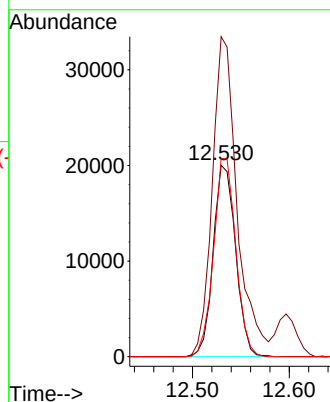
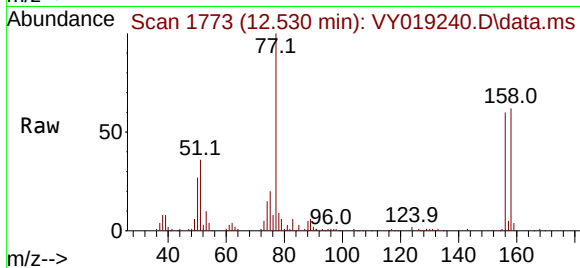
Tgt Ion:156 Resp: 32222

Ion Ratio Lower Upper

156 100

77 185.3 87.1 261.3

158 103.2 48.6 145.9



#78

n-propylbenzene

Concen: 20.033 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019240.D

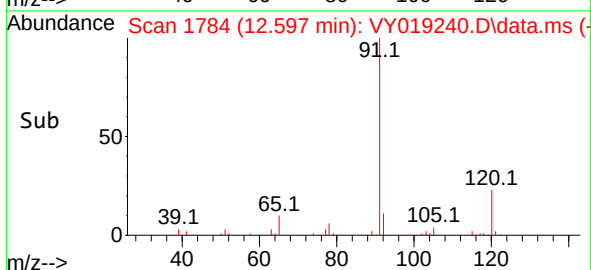
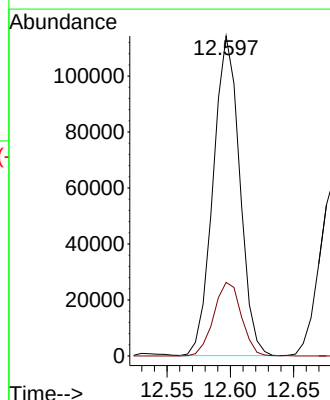
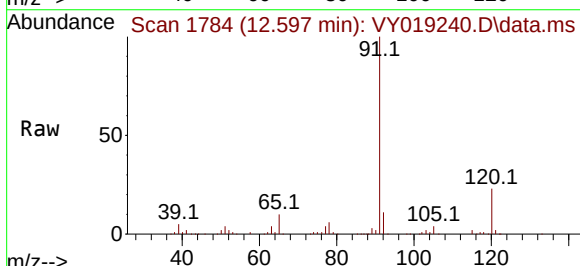
Acq: 23 Aug 2024 00:40

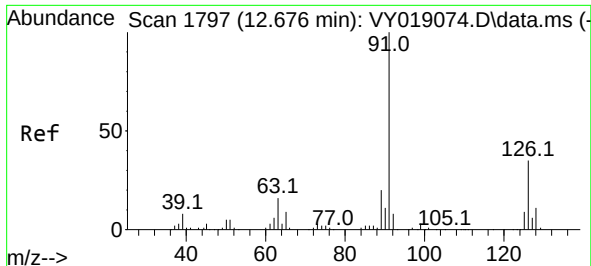
Tgt Ion: 91 Resp: 166617

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.611 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

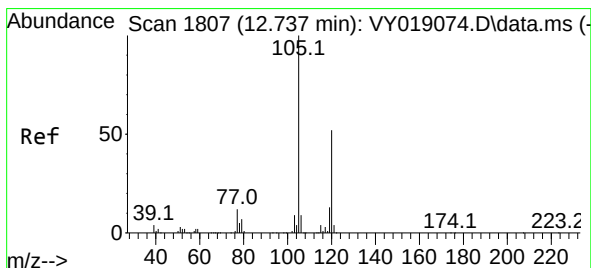
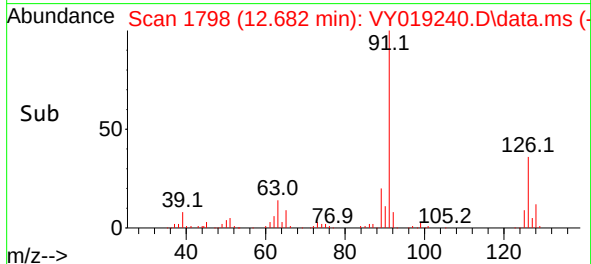
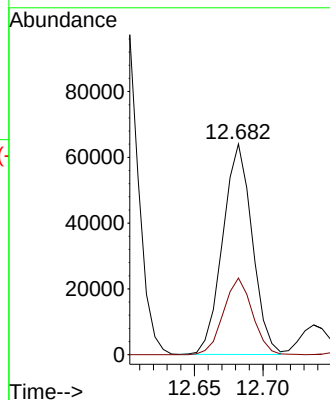
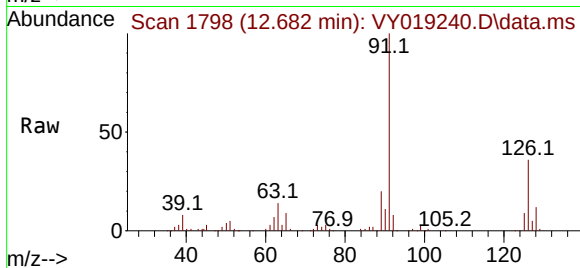
ClientSampleId :

Tgt Ion: 91 Resp: 96107

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.326 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019240.D

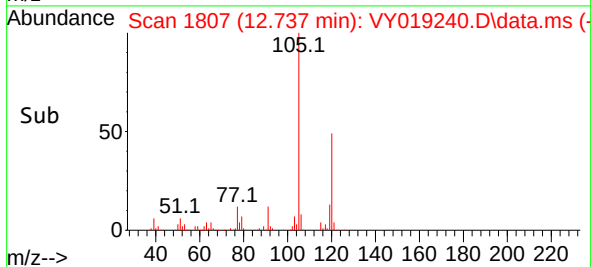
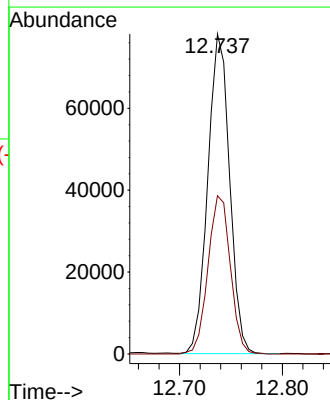
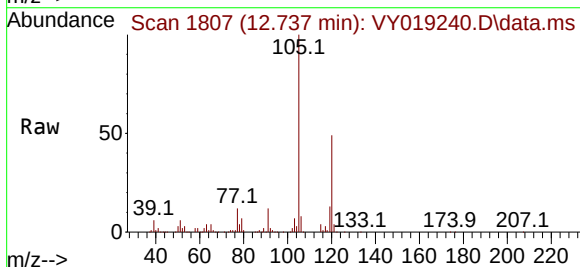
Acq: 23 Aug 2024 00:40

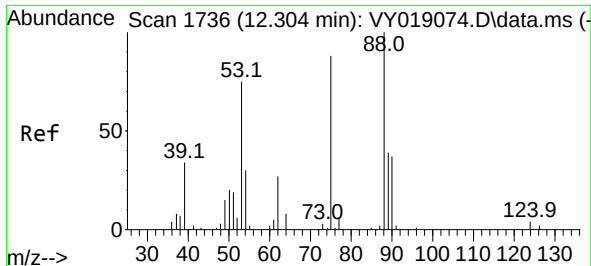
Tgt Ion:105 Resp: 115202

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2

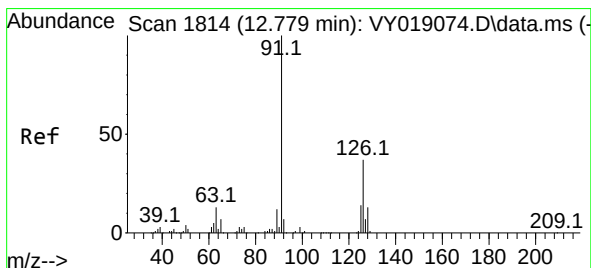
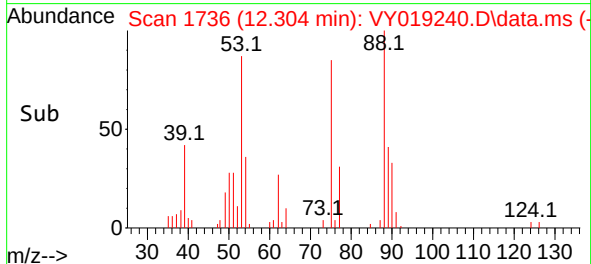
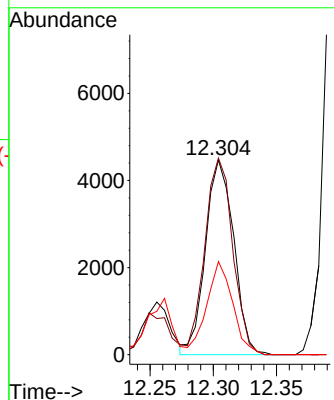
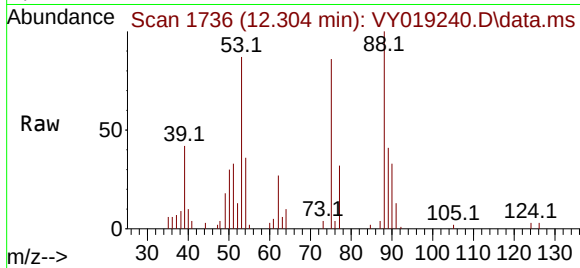




#81
trans-1,4-Dichloro-2-butene
Concen: 19.185 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

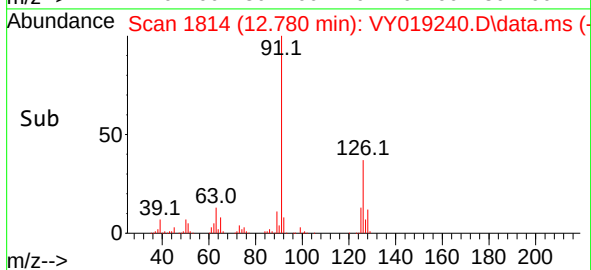
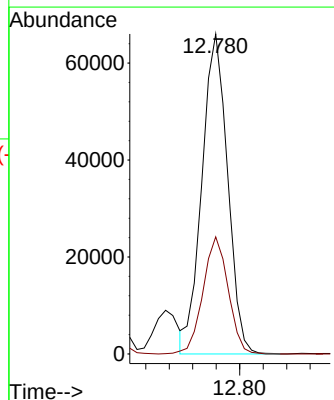
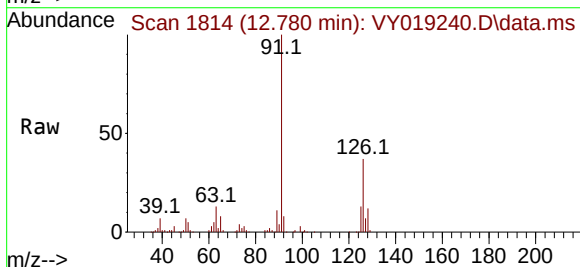
Instrument :
MSVOA_Y
ClientSampleId :

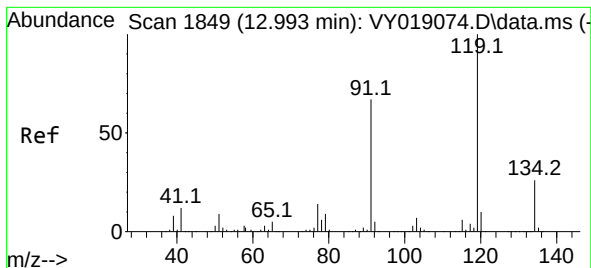
Tgt Ion: 75 Resp: 6954
Ion Ratio Lower Upper
75 100
53 99.2 66.8 100.2
89 43.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.672 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 91 Resp: 100281
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.886 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

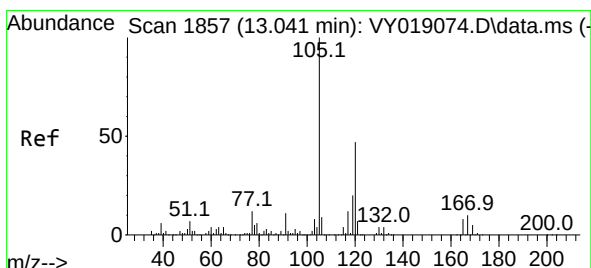
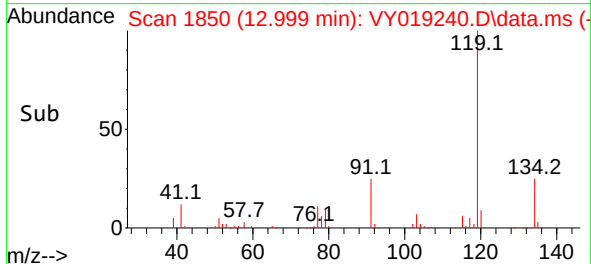
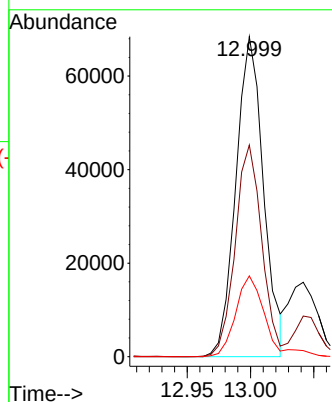
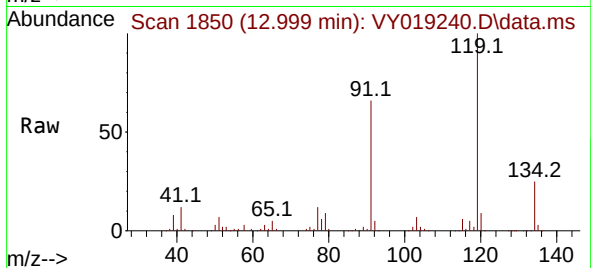
Tgt Ion:119 Resp: 104084

Ion Ratio Lower Upper

119 100

91 63.6 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.287 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019240.D

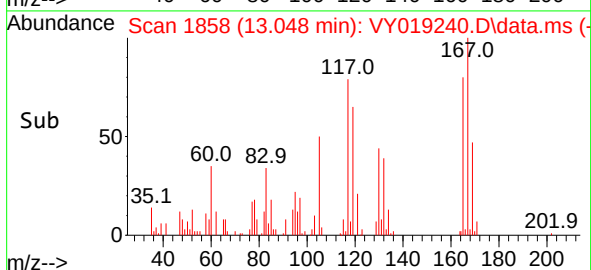
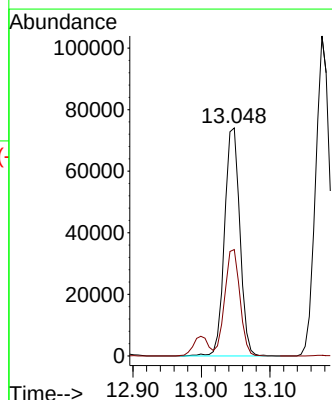
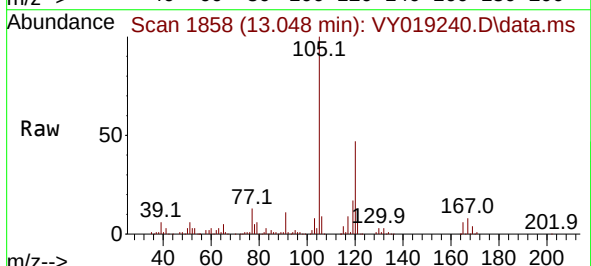
Acq: 23 Aug 2024 00:40

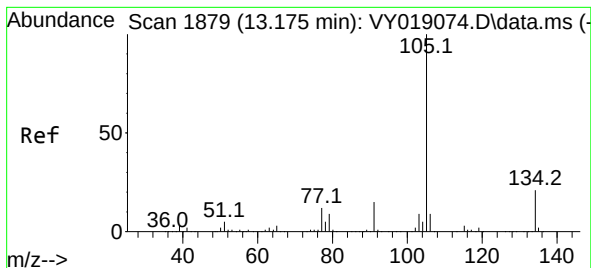
Tgt Ion:105 Resp: 114598

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.895 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

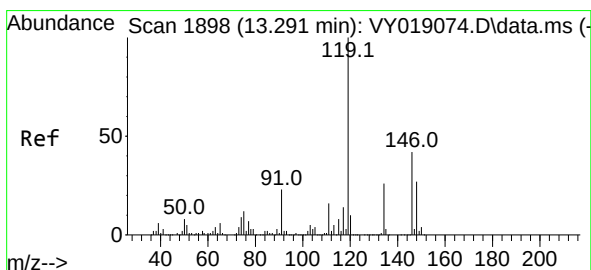
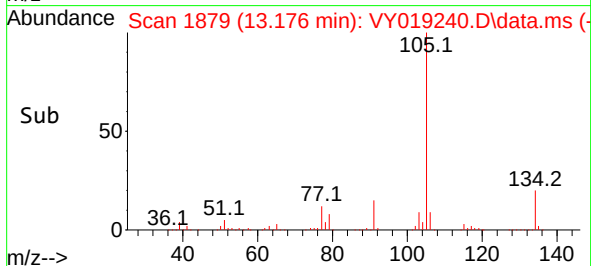
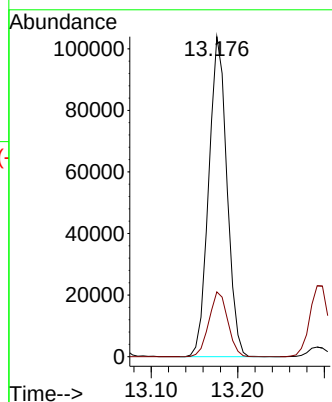
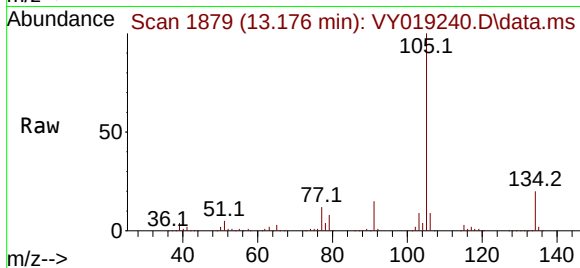
ClientSampleId :

Tgt Ion:105 Resp: 151746

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.920 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

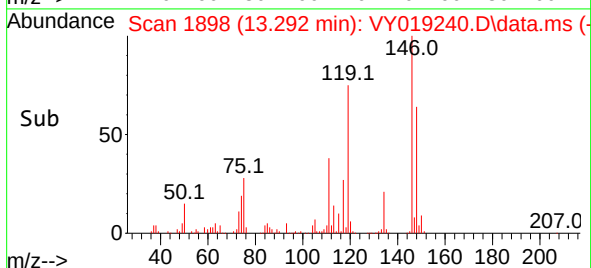
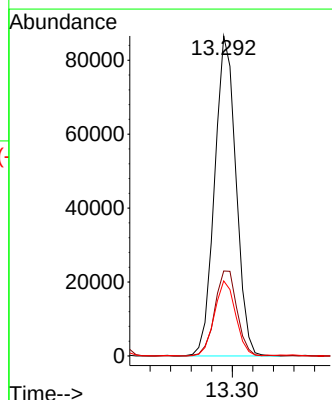
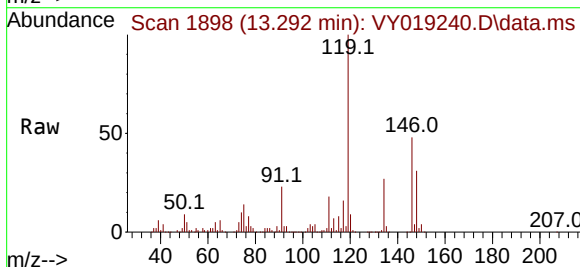
Tgt Ion:119 Resp: 124800

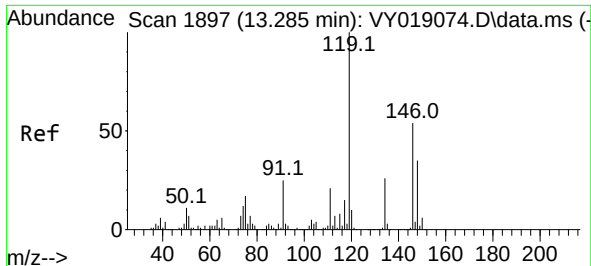
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 23.3 10.7 32.1

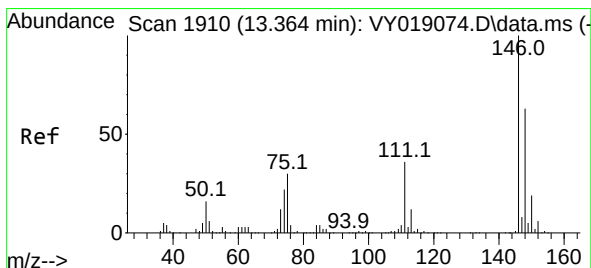
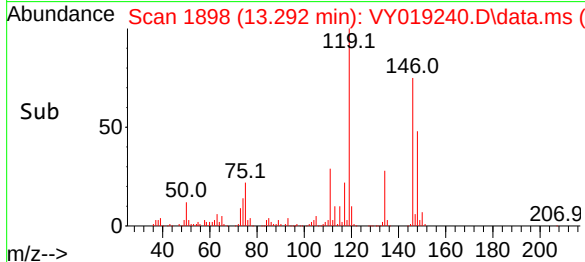
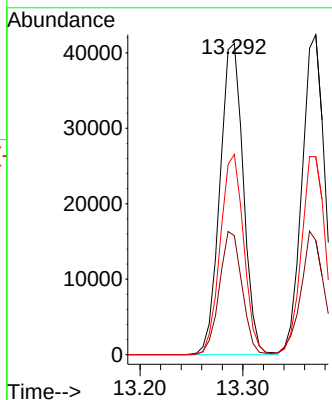
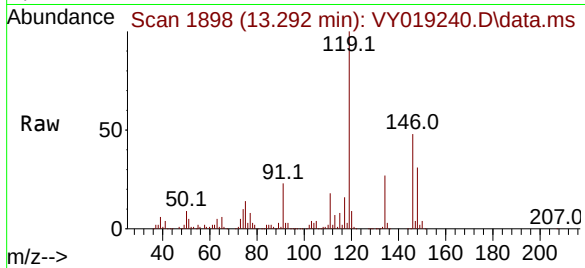




#87
1,3-Dichlorobenzene
Concen: 19.802 ug/l
RT: 13.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

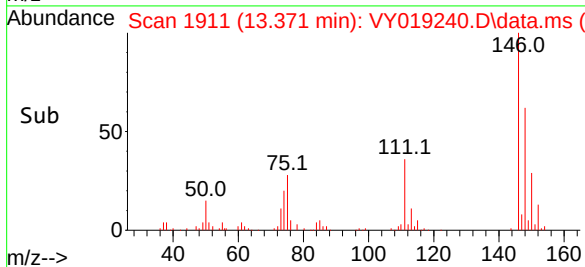
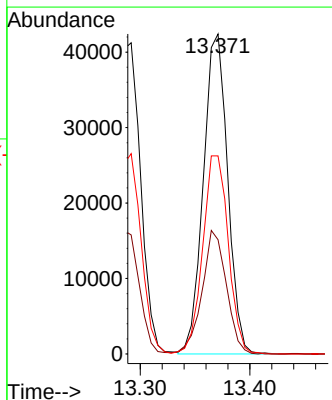
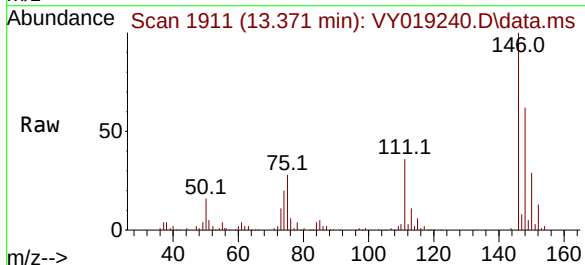
Instrument :
MSVOA_Y
ClientSampleId :

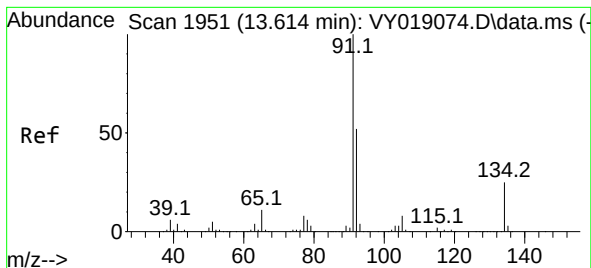
Tgt Ion:146 Resp: 65248
Ion Ratio Lower Upper
146 100
111 38.4 19.0 57.0
148 64.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.953 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion:146 Resp: 65357
Ion Ratio Lower Upper
146 100
111 38.6 18.4 55.4
148 65.2 32.4 97.2





#89

n-Butylbenzene

Concen: 19.789 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019240.D

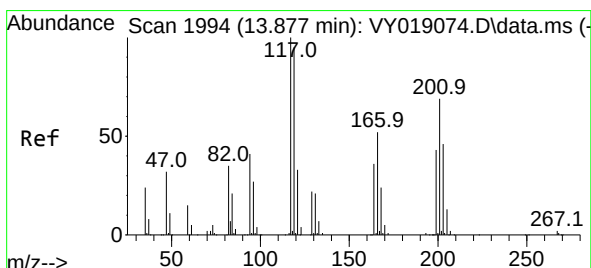
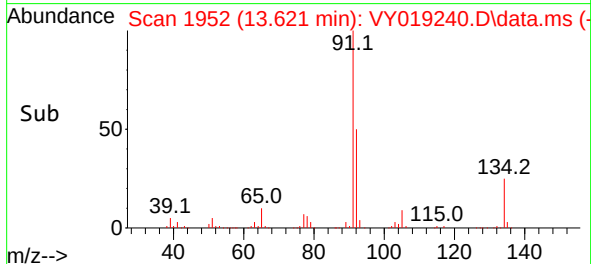
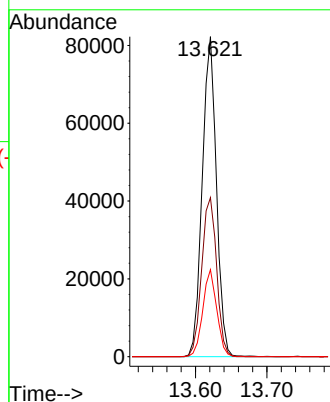
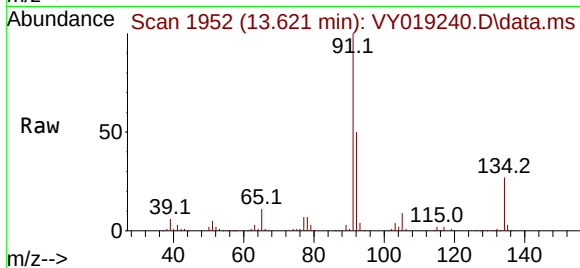
Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	113034
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	26.8	12.9	38.7



#90

Hexachloroethane

Concen: 19.724 ug/l

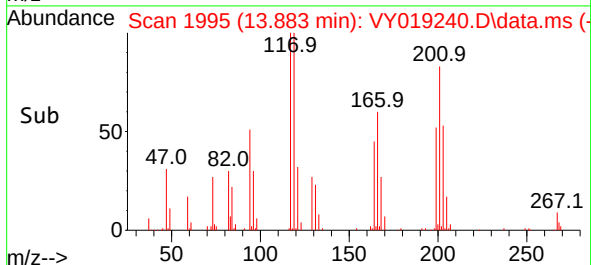
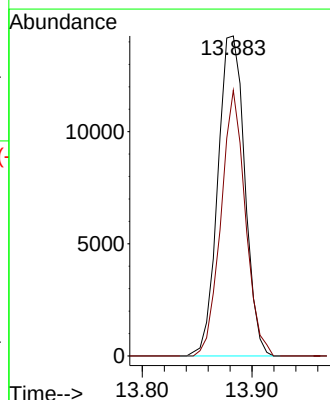
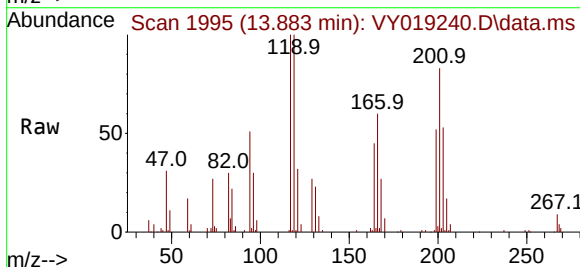
RT: 13.883 min Scan# 1995

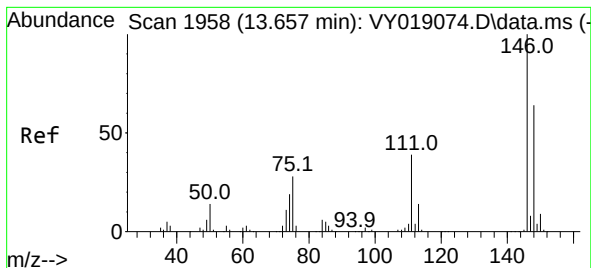
Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

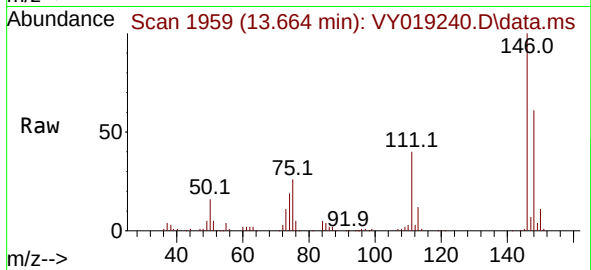
Tgt Ion:	117	Resp:	24357
Ion	Ratio	Lower	Upper
117	100		
201	75.1	37.4	112.2



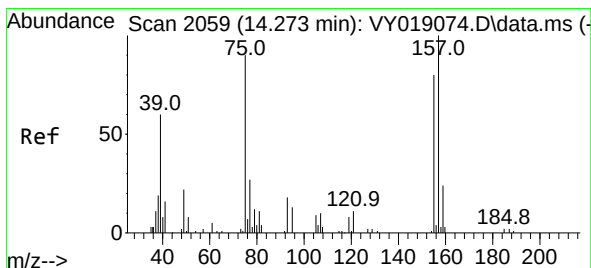
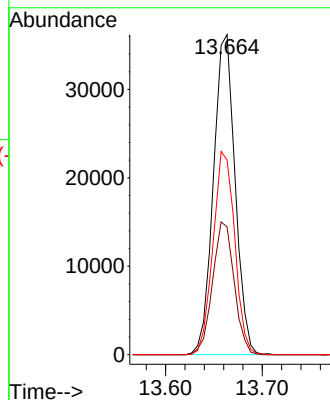
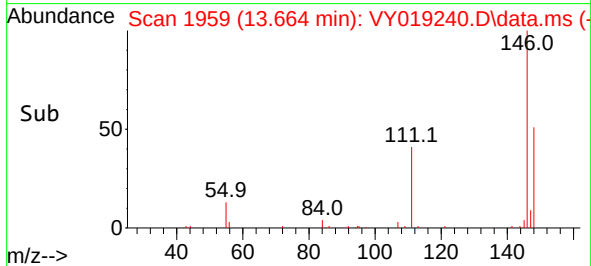


#91
1,2-Dichlorobenzene
Concen: 19.473 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

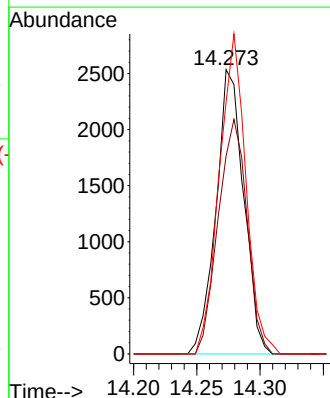
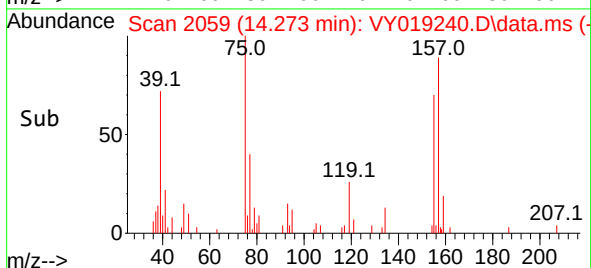
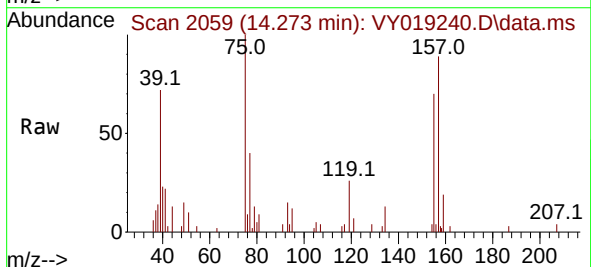


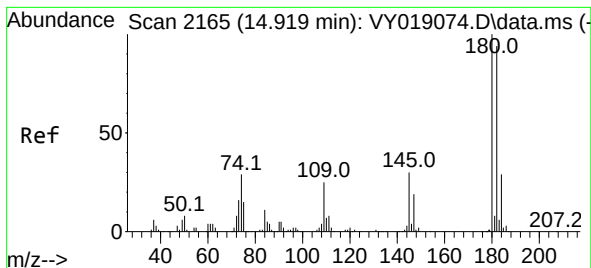
Tgt Ion:146 Resp: 56433
Ion Ratio Lower Upper
146 100
111 41.4 19.9 59.7
148 63.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.173 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019240.D
Acq: 23 Aug 2024 00:40

Tgt Ion: 75 Resp: 3858
Ion Ratio Lower Upper
75 100
155 85.6 48.6 145.8
157 108.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.713 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

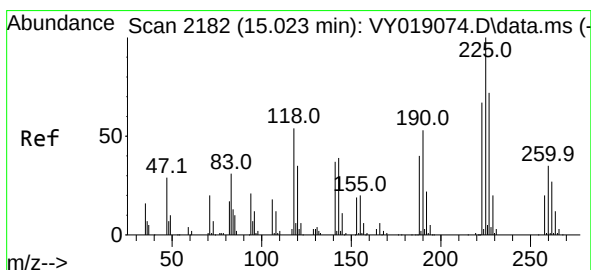
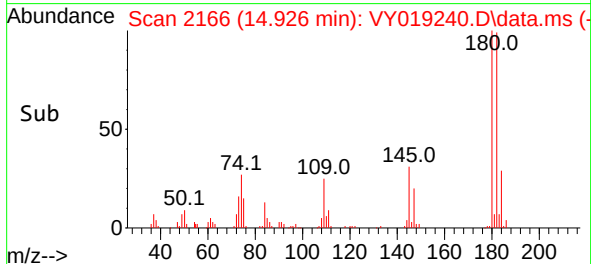
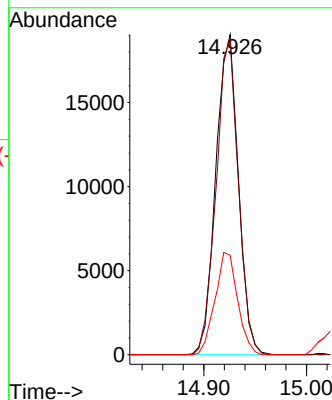
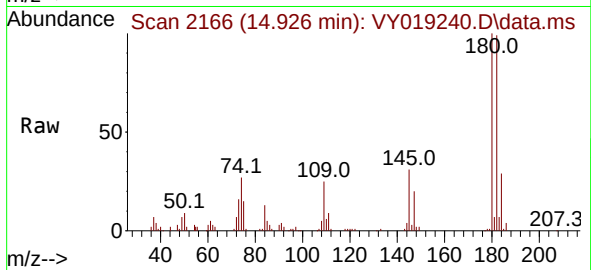
Tgt Ion:180 Resp: 28949

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.8

145 32.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.997 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

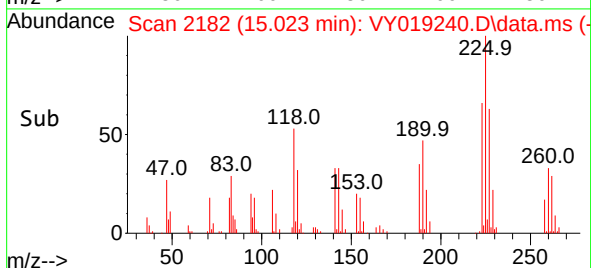
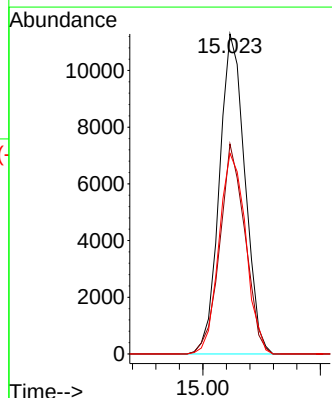
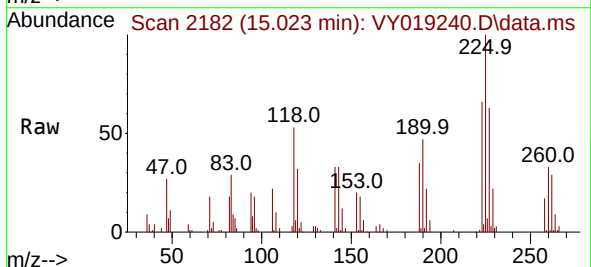
Tgt Ion:225 Resp: 17023

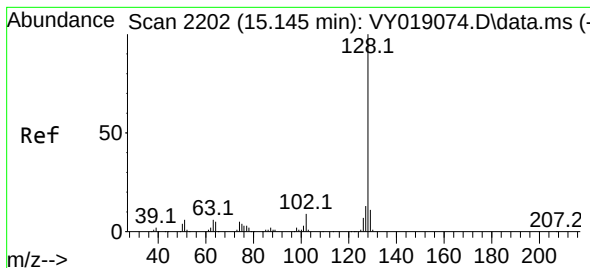
Ion Ratio Lower Upper

225 100

223 65.0 30.4 91.2

227 65.6 31.9 95.9





#95

Naphthalene

Concen: 18.156 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019240.D

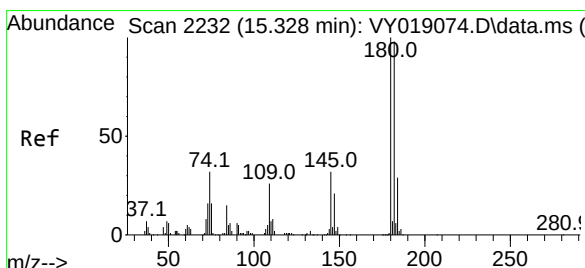
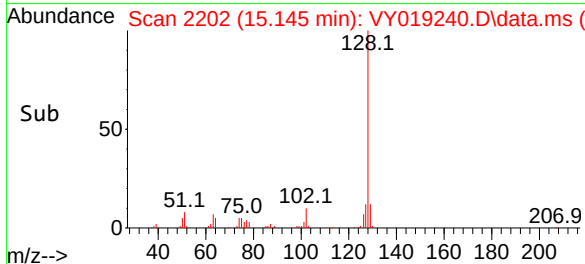
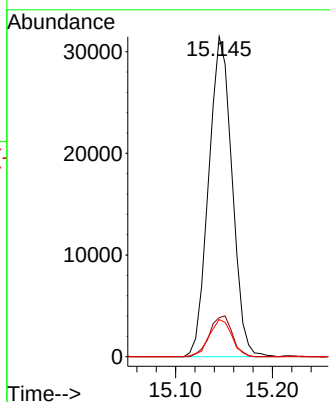
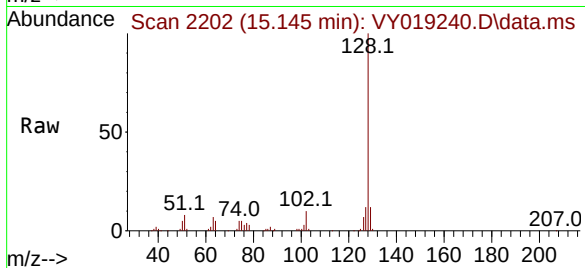
Acq: 23 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	52957
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.6 16.0
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.242 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019240.D

Acq: 23 Aug 2024 00:40

Tgt Ion:180	Resp:	25145
Ion Ratio	Lower	Upper
180	100	
182	99.1	47.6 142.9
145	34.2	15.4 46.1

