

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020088.D
 Acq On : 31 Oct 2024 12:43
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:45:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	259889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	476917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	186835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165235	50.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.640	113	151304	49.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.800%	
50) Toluene-d8	10.109	98	583585	48.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.700%	
62) 4-Bromofluorobenzene	12.402	95	188045	47.966	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	52516	21.829	ug/l	99
3) Chloromethane	2.074	50	87000	21.832	ug/l	94
4) Vinyl Chloride	2.214	62	88497	20.687	ug/l	97
5) Bromomethane	2.598	94	63214	22.257	ug/l	95
6) Chloroethane	2.745	64	59340	21.494	ug/l	98
7) Trichlorofluoromethane	3.068	101	104039	19.908	ug/l	99
8) Diethyl Ether	3.464	74	34970	23.992	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.824	101	60157	20.523	ug/l	91
10) Methyl Iodide	4.013	142	65168	23.028	ug/l	91
11) Tert butyl alcohol	4.854	59	27354	117.242	ug/l #	98
12) 1,1-Dichloroethene	3.799	96	59695	21.285	ug/l #	78
13) Acrolein	3.659	56	32264	111.088	ug/l	98
14) Allyl chloride	4.391	41	110804	21.898	ug/l #	90
15) Acrylonitrile	5.068	53	77653	117.038	ug/l	98
16) Acetone	3.879	43	77269	102.436	ug/l #	85
17) Carbon Disulfide	4.117	76	196606	21.065	ug/l	98
18) Methyl Acetate	4.397	43	40238	22.736	ug/l #	88
19) Methyl tert-butyl Ether	5.129	73	158621	22.481	ug/l	98
20) Methylene Chloride	4.622	84	69094	20.391	ug/l #	83
21) trans-1,2-Dichloroethene	5.122	96	66553	21.042	ug/l	87
22) Diisopropyl ether	6.025	45	229846	21.890	ug/l #	86
23) Vinyl Acetate	5.970	43	656374	111.076	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	131101	21.563	ug/l	97
25) 2-Butanone	6.896	43	112172	109.704	ug/l	90
26) 2,2-Dichloropropane	6.890	77	103407	20.441	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	79203	21.784	ug/l	83
28) Bromochloromethane	7.250	49	60610	21.289	ug/l #	70
29) Tetrahydrofuran	7.268	42	69569	117.896	ug/l #	82
30) Chloroform	7.427	83	129696	21.496	ug/l	96
31) Cyclohexane	7.707	56	117723	20.000	ug/l	92
32) 1,1,1-Trichloroethane	7.622	97	111248	21.119	ug/l	94
36) 1,1-Dichloropropene	7.841	75	94936	20.268	ug/l	93
37) Ethyl Acetate	6.988	43	48064	21.522	ug/l #	92
38) Carbon Tetrachloride	7.823	117	92730	19.687	ug/l	97
39) Methylcyclohexane	9.110	83	116079	19.526	ug/l #	86
40) Benzene	8.085	78	285518	20.883	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	67182	60.054	ug/l #	25
42) 1,2-Dichloroethane	8.165	62	81697	21.588	ug/l	94
43) Isopropyl Acetate	8.201	43	90722	21.126	ug/l #	79
44) Trichloroethene	8.866	130	65063	20.533	ug/l	95
45) 1,2-Dichloropropane	9.146	63	68928	21.072	ug/l	98
46) Dibromomethane	9.231	93	37262	21.023	ug/l	89
47) Bromodichloromethane	9.427	83	98150	21.138	ug/l	98
48) Methyl methacrylate	9.225	41	43363	21.800	ug/l #	82
49) 1,4-Dioxane	9.231	88	8197	449.203	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	240835	108.839	ug/l	89
52) Toluene	10.170	92	177714	21.087	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	85861	20.941	ug/l	92
54) cis-1,3-Dichloropropene	9.859	75	103898	21.230	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	47501	21.555	ug/l	95
56) Ethyl methacrylate	10.439	69	65147	20.609	ug/l #	70
57) 1,3-Dichloropropane	10.713	76	86318	21.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	163594	104.936	ug/l	91
59) 2-Hexanone	10.762	43	166569	104.999	ug/l	87
60) Dibromochloromethane	10.908	129	58443	20.805	ug/l	99
61) 1,2-Dibromoethane	11.012	107	43322	21.159	ug/l	98
64) Tetrachloroethene	10.646	164	55552	20.299	ug/l	89
65) Chlorobenzene	11.438	112	183247	20.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	58146	20.607	ug/l	99
67) Ethyl Benzene	11.518	91	339521	20.566	ug/l	98
68) m/p-Xylenes	11.627	106	248547	41.150	ug/l	91
69) o-Xylene	11.957	106	117130	20.483	ug/l	89
70) Styrene	11.969	104	197351	20.872	ug/l	96
71) Bromoform	12.133	173	30024	20.742	ug/l #	98
73) Isopropylbenzene	12.255	105	313732	21.020	ug/l	96
74) N-amyl acetate	12.072	43	78294	20.985	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	56868	21.786	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	72194	41.221	ug/l #	100
77) Bromobenzene	12.530	156	64386	21.330	ug/l	82
78) n-propylbenzene	12.591	91	391006	21.050	ug/l	96
79) 2-Chlorotoluene	12.676	91	219486	21.287	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	253960	21.194	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	16539	20.312	ug/l #	80
82) 4-Chlorotoluene	12.780	91	224627	21.366	ug/l	94
83) tert-Butylbenzene	12.993	119	225183	21.491	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	253501	21.359	ug/l	96
85) sec-Butylbenzene	13.176	105	335484	20.857	ug/l	97
86) p-Isopropyltoluene	13.292	119	267045	20.689	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	127491	20.791	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	126375	20.695	ug/l	96
89) n-Butylbenzene	13.615	91	263792	20.387	ug/l	98
90) Hexachloroethane	13.877	117	51637	20.228	ug/l	82
91) 1,2-Dichlorobenzene	13.657	146	113878	21.365	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	8169	20.636	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	56399	19.697	ug/l	95
94) Hexachlorobutadiene	15.023	225	30349	19.383	ug/l	100
95) Naphthalene	15.145	128	105671	19.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	46343	19.067	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

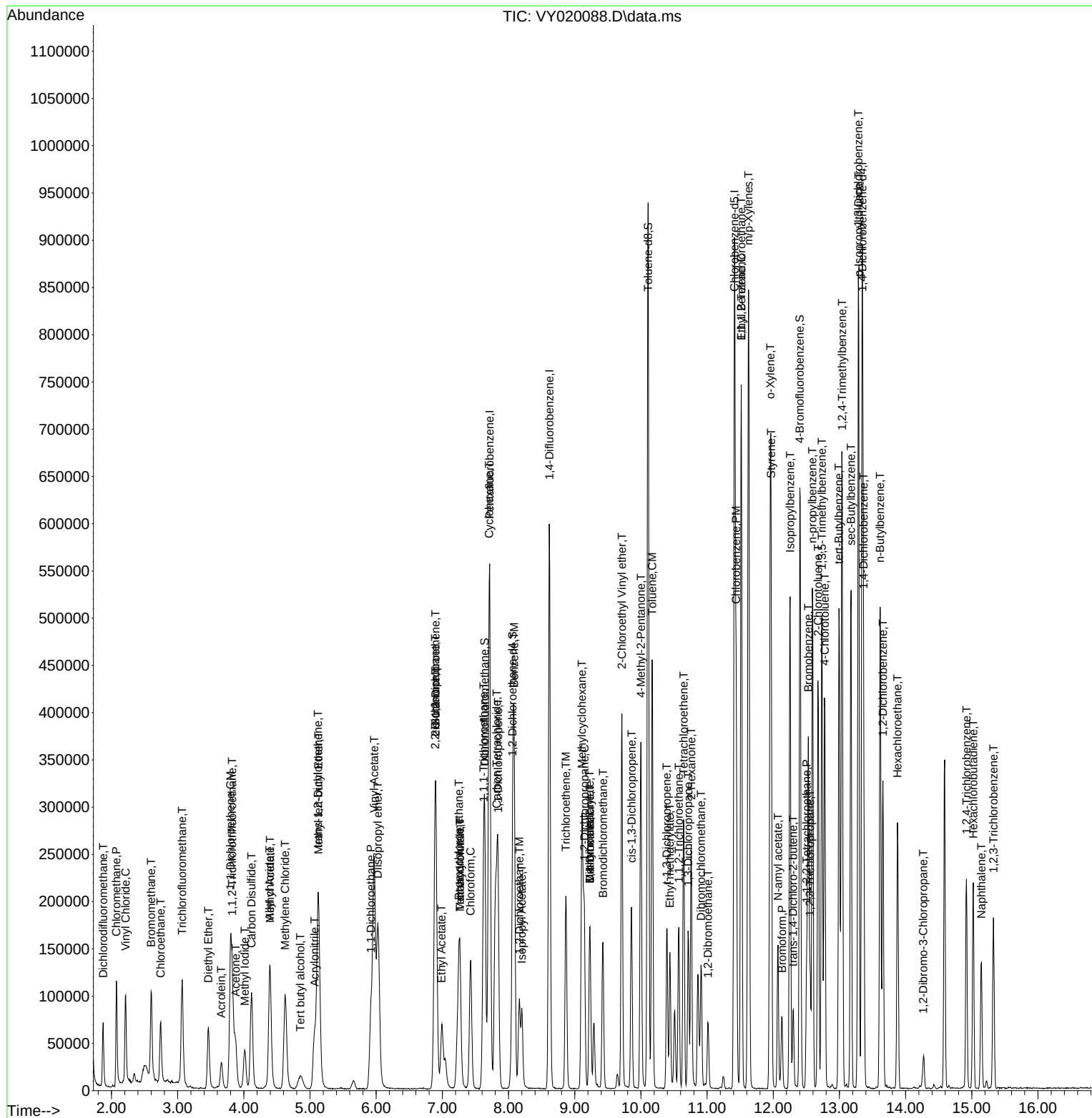
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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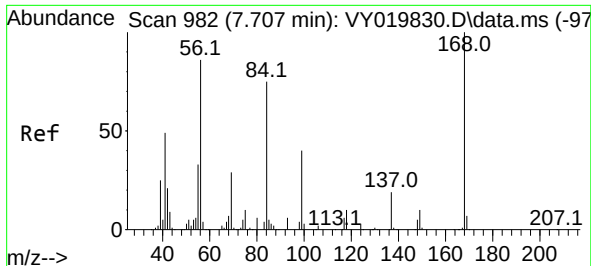
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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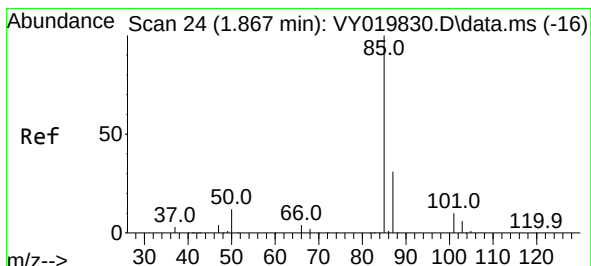
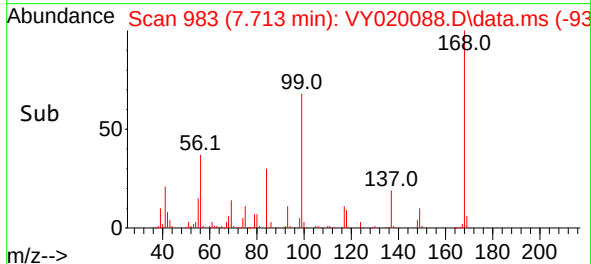
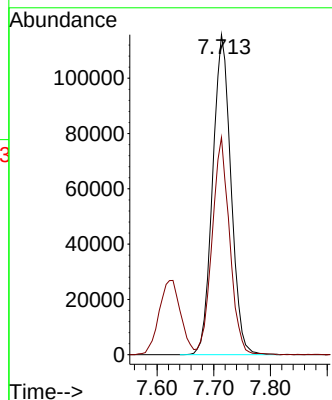
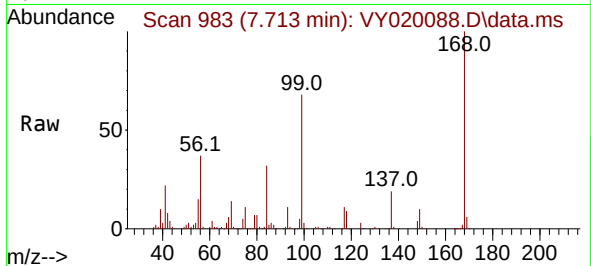




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020088.D
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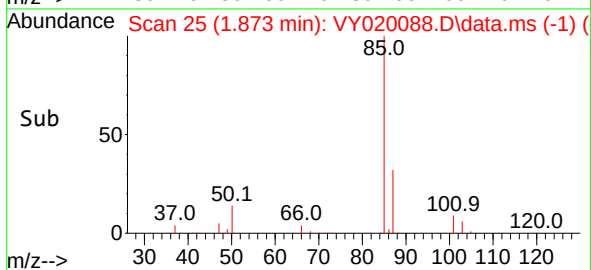
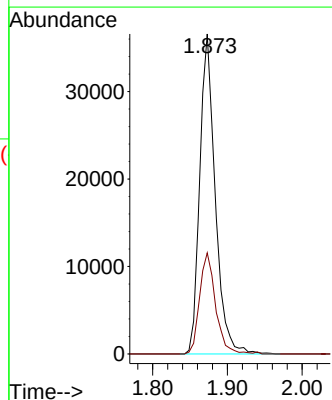
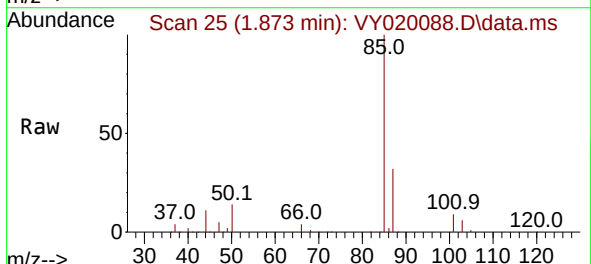
Instrument :
MSVOA_Y
ClientSampleId :

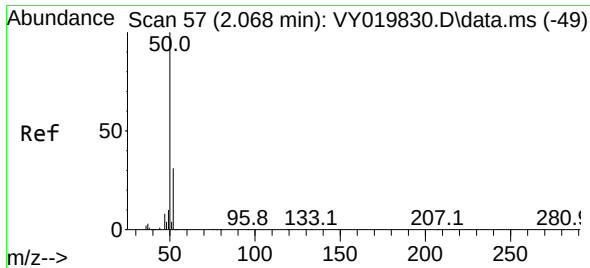
Tgt Ion:168 Resp: 259889
Ion Ratio Lower Upper
168 100
99 67.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 21.829 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 85 Resp: 52516
Ion Ratio Lower Upper
85 100
87 31.6 16.0 48.0

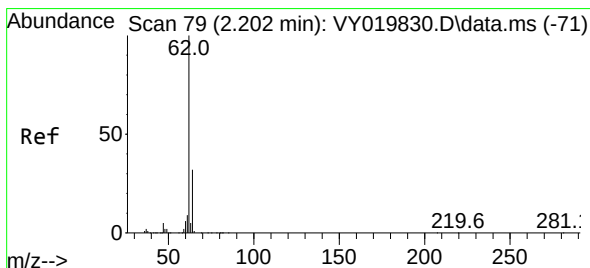
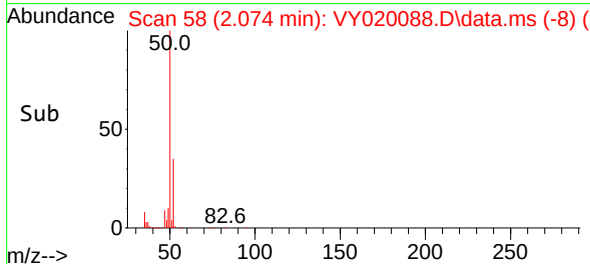
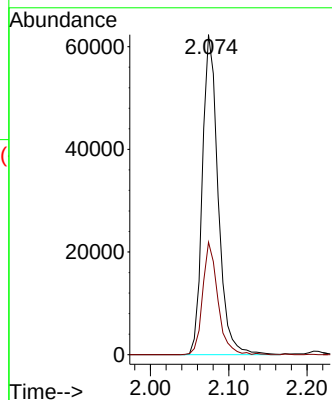
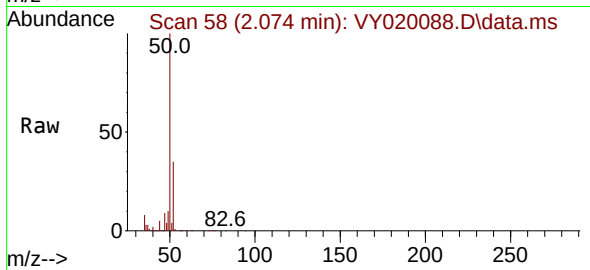




#3
Chloromethane
Concen: 21.832 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

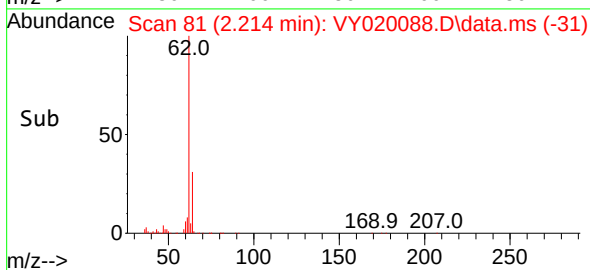
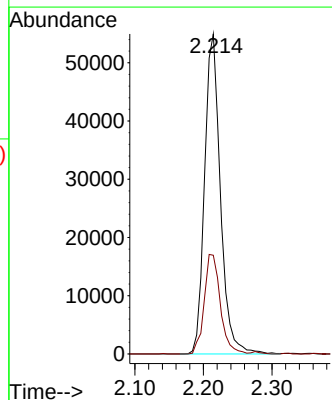
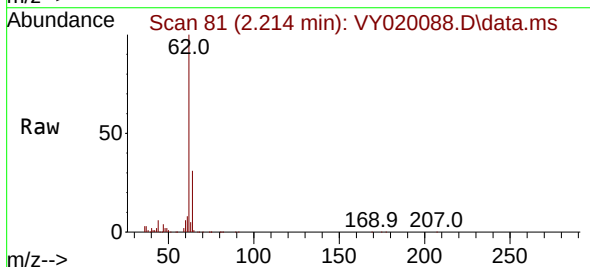
Instrument :
MSVOA_Y
ClientSampleId :

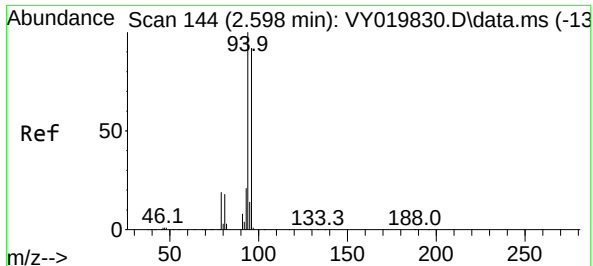
Tgt Ion: 50 Resp: 87000
Ion Ratio Lower Upper
50 100
52 35.1 25.6 38.4



#4
Vinyl Chloride
Concen: 20.687 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 62 Resp: 88497
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1

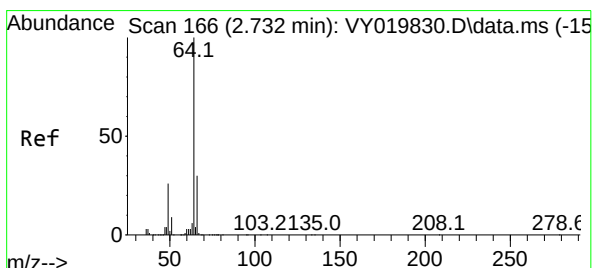
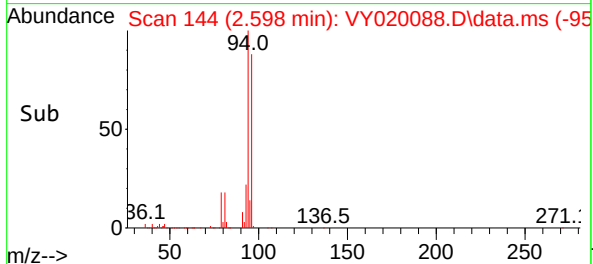
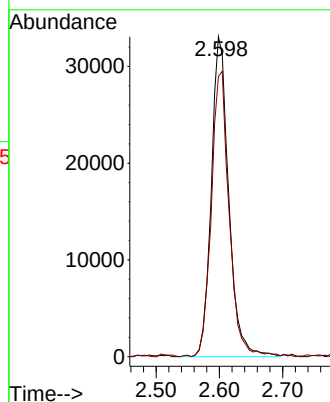
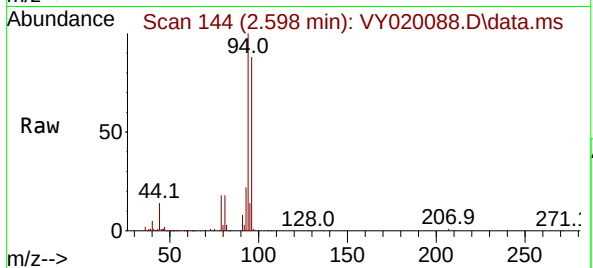




#5
Bromomethane
Concen: 22.257 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

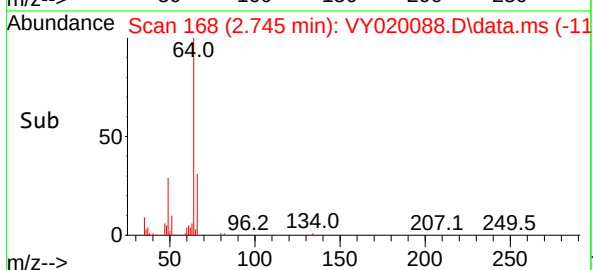
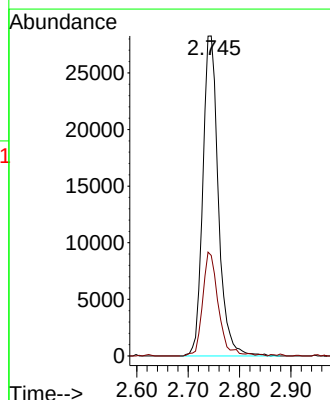
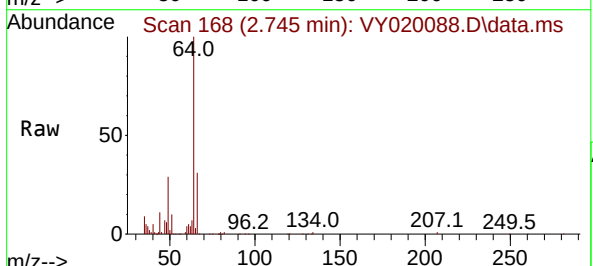
Instrument :
MSVOA_Y
ClientSampleId :

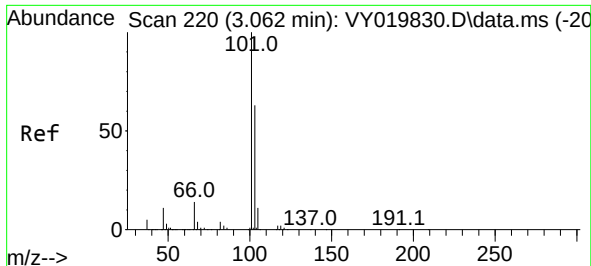
Tgt Ion: 94 Resp: 63214
Ion Ratio Lower Upper
94 100
96 87.5 74.1 111.1



#6
Chloroethane
Concen: 21.494 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.007 min
Lab File: VY020088.D
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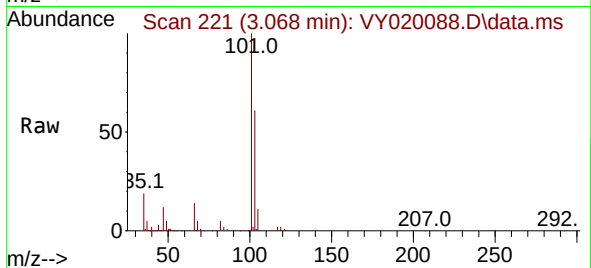
Tgt Ion: 64 Resp: 59340
Ion Ratio Lower Upper
64 100
66 31.4 26.1 39.1



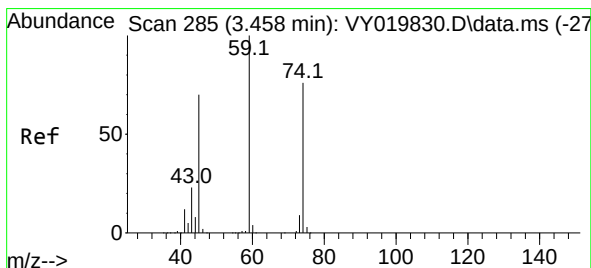
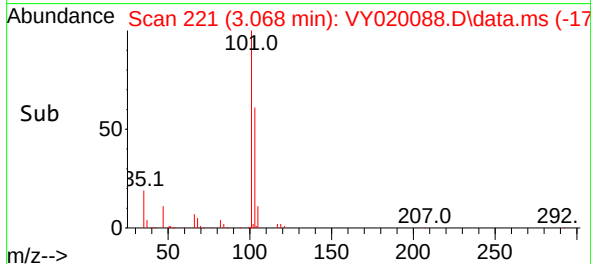
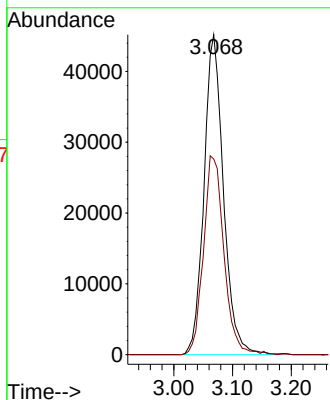


#7
Trichlorofluoromethane
Concen: 19.908 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Instrument :
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ClientSampleId :

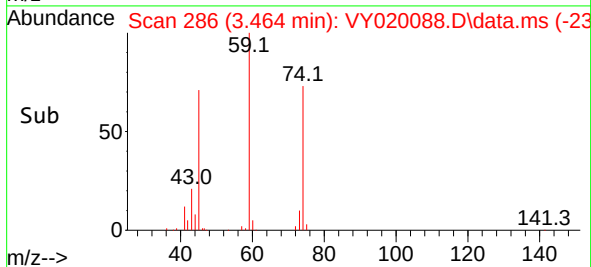
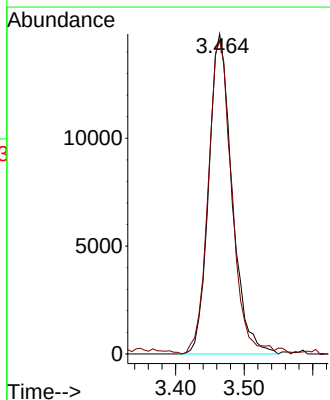
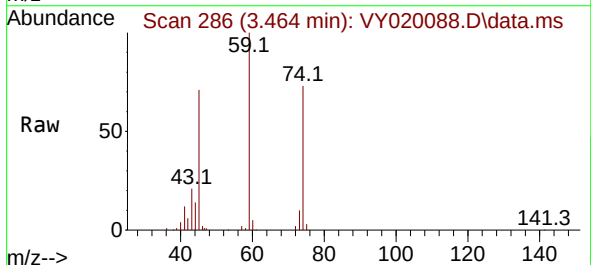


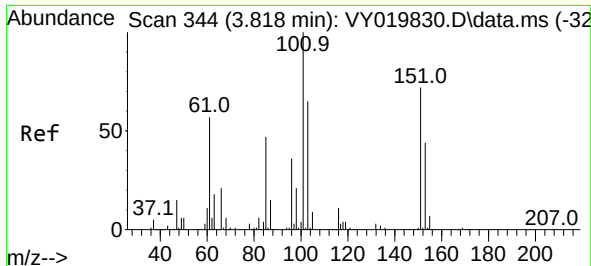
Tgt Ion:101 Resp: 104039
Ion Ratio Lower Upper
101 100
103 61.2 49.3 73.9



#8
Diethyl Ether
Concen: 23.992 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.007 min
Lab File: VY020088.D
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Tgt Ion: 74 Resp: 34970
Ion Ratio Lower Upper
74 100
45 100.0 41.3 124.1

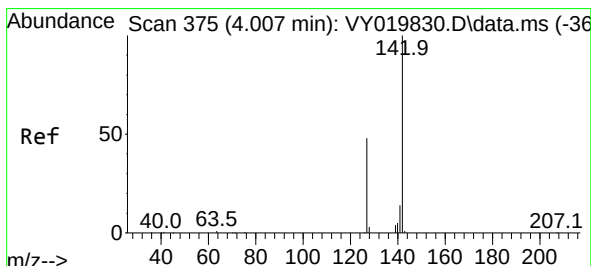
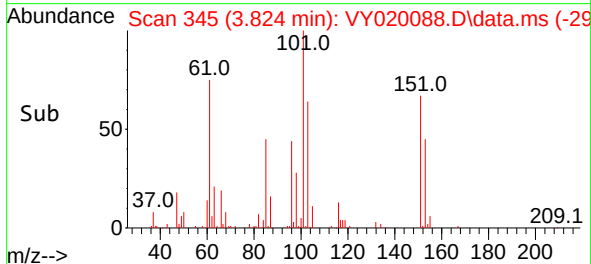
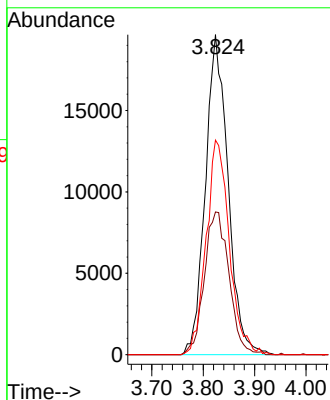
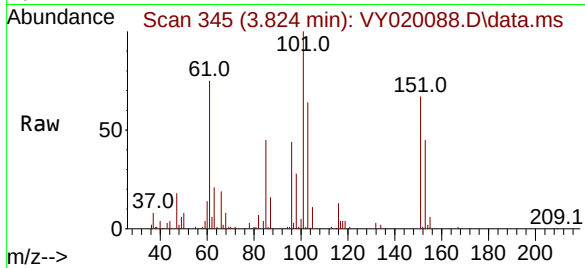




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.523 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

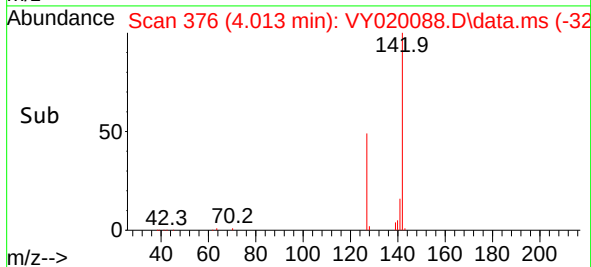
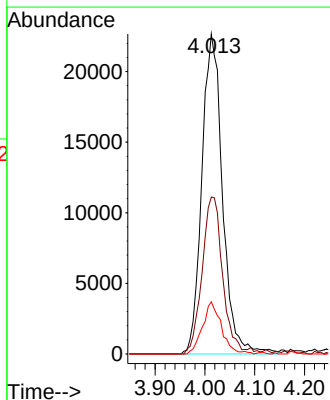
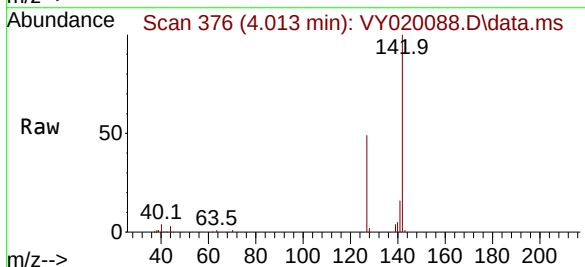
Instrument :
MSVOA_Y
ClientSampleId :

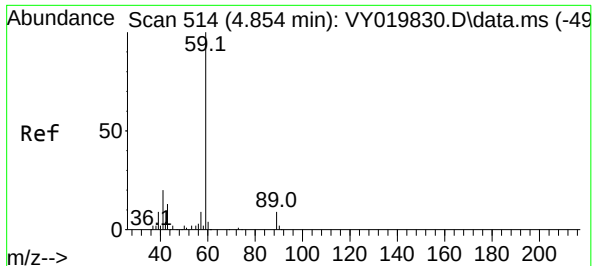
Tgt Ion:101 Resp: 60157
Ion Ratio Lower Upper
101 100
85 48.6 34.5 51.7
151 68.7 61.7 92.5



#10
Methyl Iodide
Concen: 23.028 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion:142 Resp: 65168
Ion Ratio Lower Upper
142 100
127 48.6 32.8 49.2
141 14.9 11.4 17.2

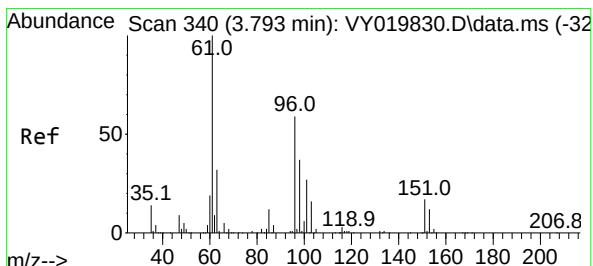
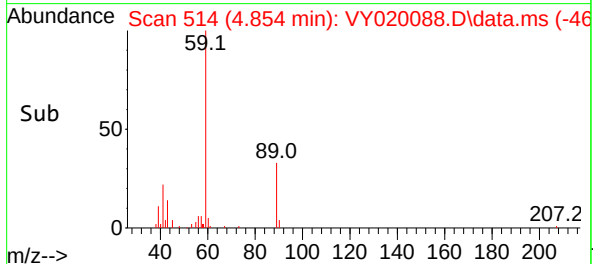
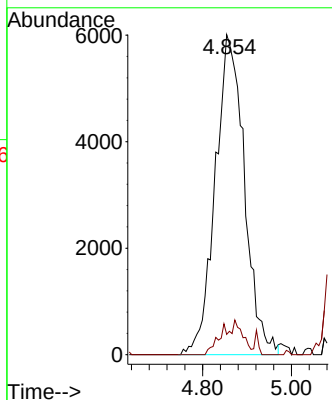
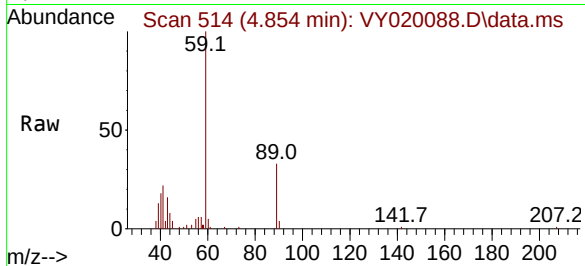




#11
Tert butyl alcohol
Concen: 117.242 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

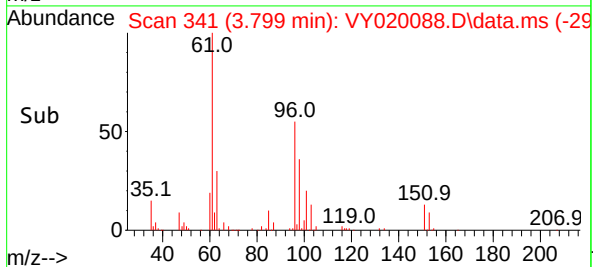
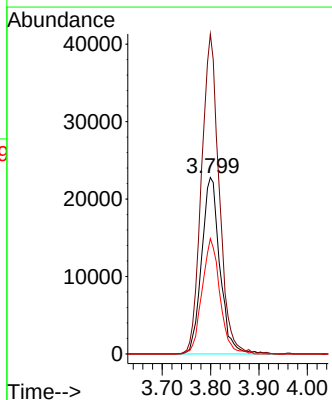
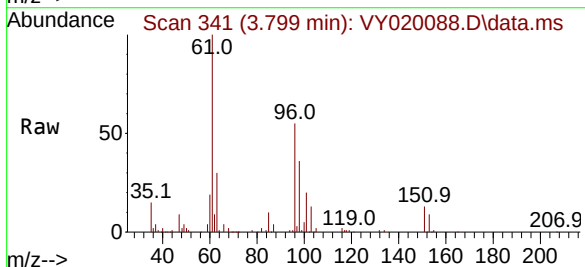
Instrument :
MSVOA_Y
ClientSampleId :

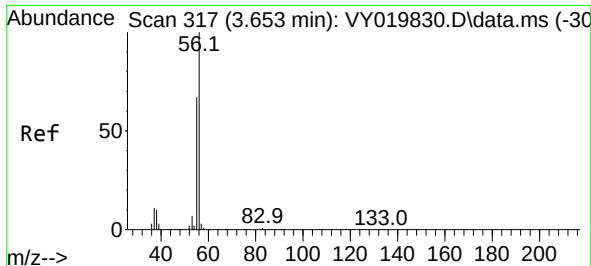
Tgt Ion: 59 Resp: 27354
Ion Ratio Lower Upper
59 100
57 3.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.285 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 96 Resp: 59695
Ion Ratio Lower Upper
96 100
61 181.3 114.6 171.8#
98 65.4 50.8 76.2





#13

Acrolein

Concen: 111.088 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

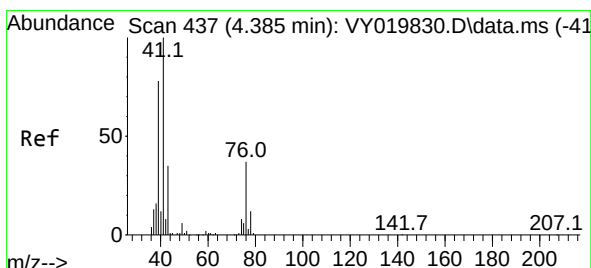
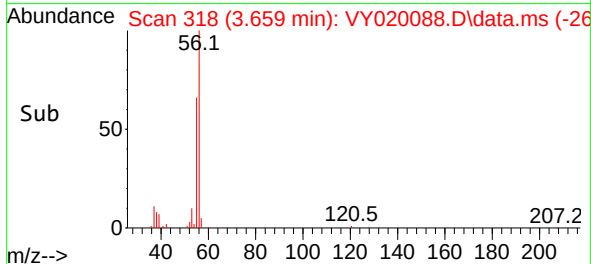
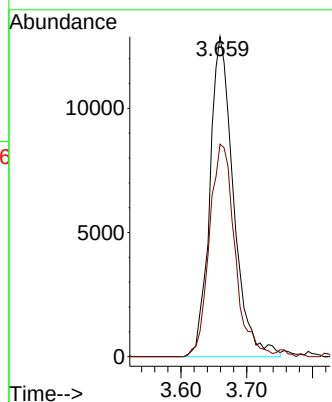
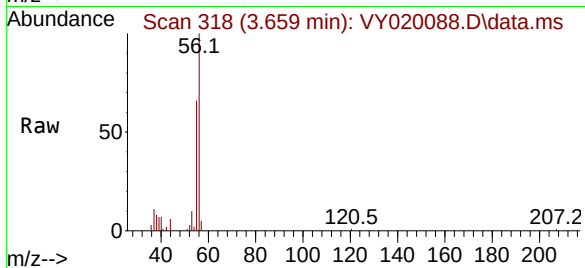
ClientSampleId :

Tgt Ion: 56 Resp: 32264

Ion Ratio Lower Upper

56 100

55 71.4 55.7 83.5



#14

Allyl chloride

Concen: 21.898 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

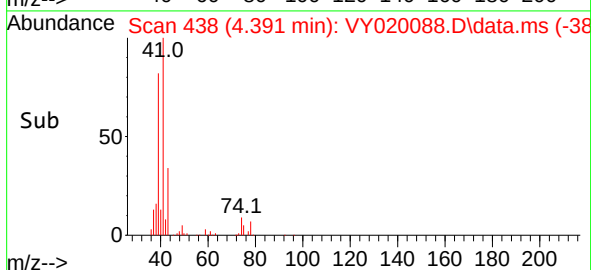
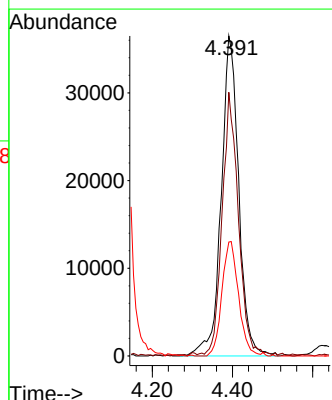
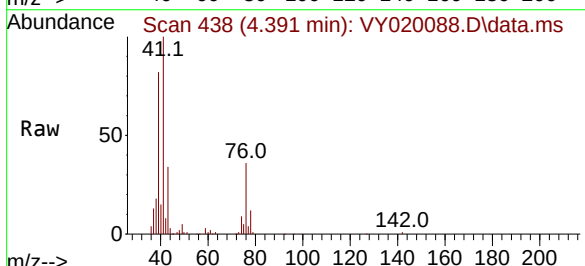
Tgt Ion: 41 Resp: 110804

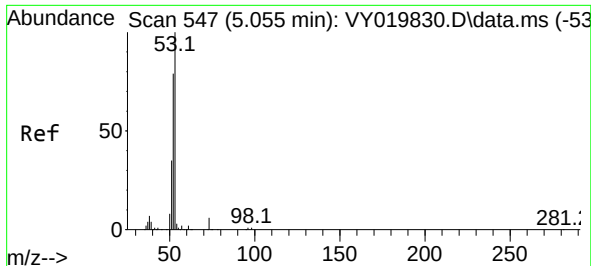
Ion Ratio Lower Upper

41 100

39 75.0 58.3 87.5

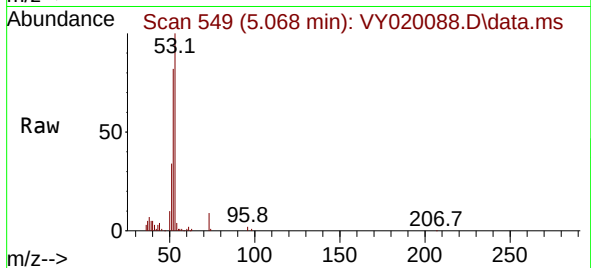
76 33.9 39.0 58.6#



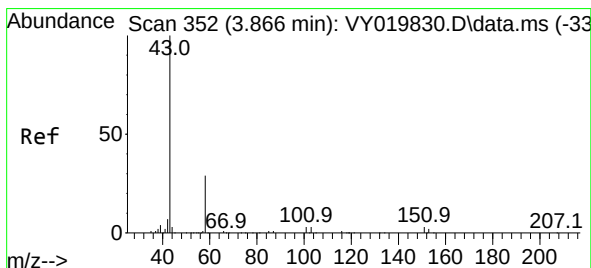
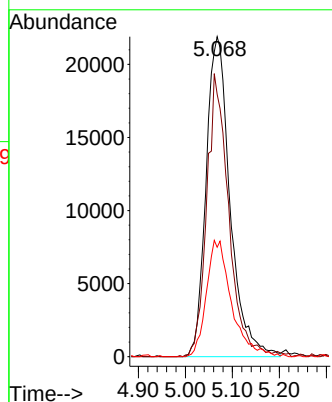
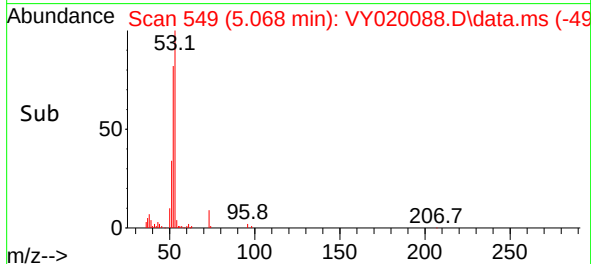


#15
Acrylonitrile
Concen: 117.038 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

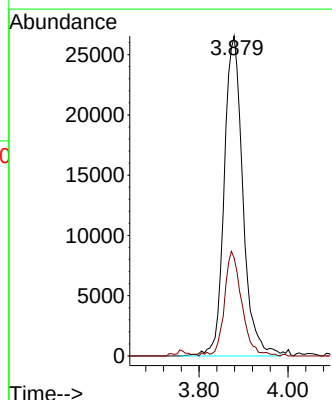
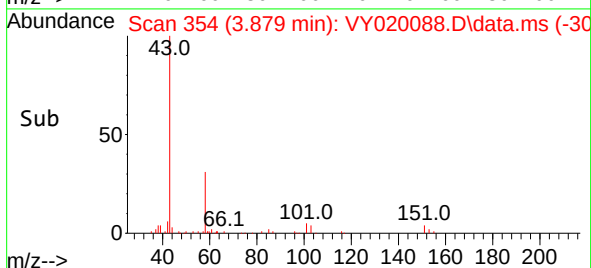
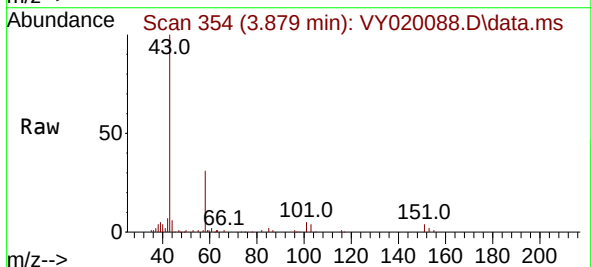


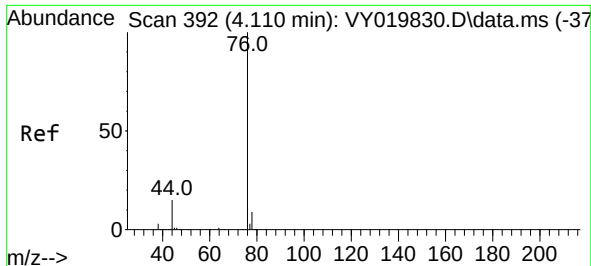
Tgt Ion: 53 Resp: 77653
Ion Ratio Lower Upper
53 100
52 80.6 64.7 97.1
51 38.1 28.4 42.6



#16
Acetone
Concen: 102.436 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 43 Resp: 77269
Ion Ratio Lower Upper
43 100
58 30.6 31.7 47.5#

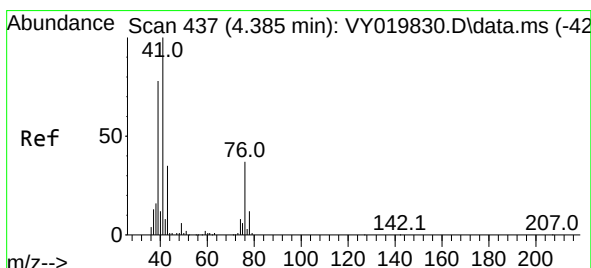
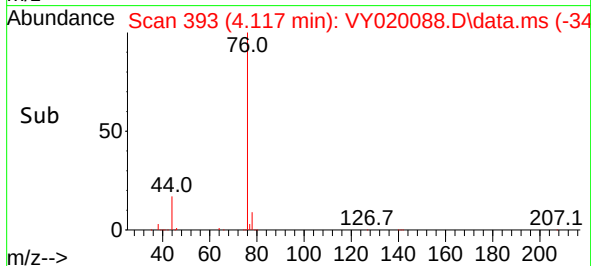
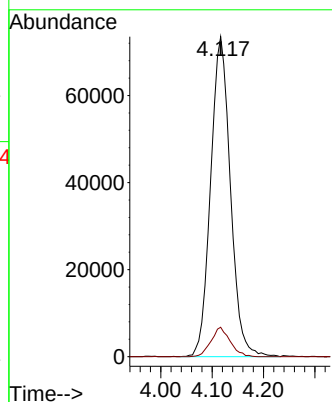
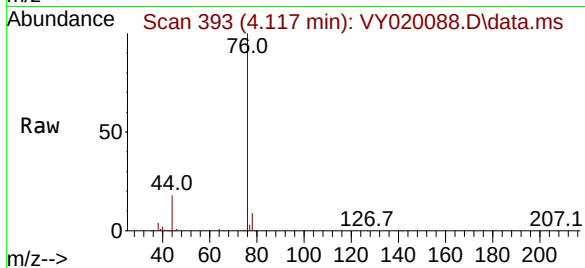




#17
Carbon Disulfide
Concen: 21.065 ug/l
RT: 4.117 min Scan# 392
Delta R.T. 0.013 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

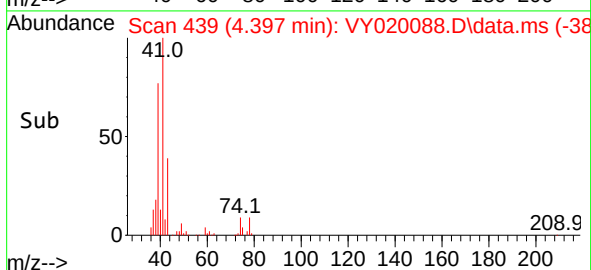
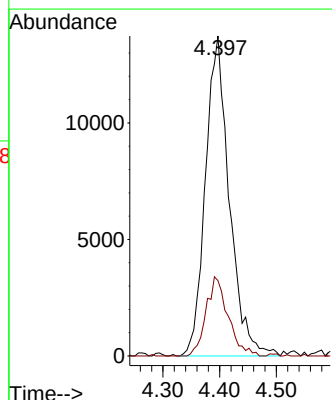
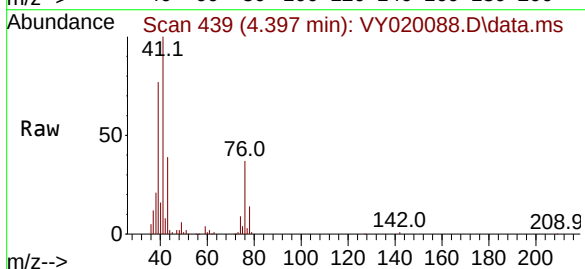
Instrument :
MSVOA_Y
ClientSampleId :

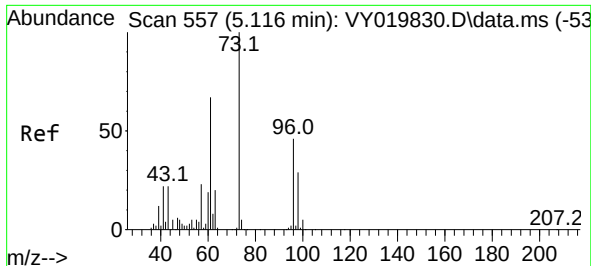
Tgt Ion: 76 Resp: 196606
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 22.736 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 43 Resp: 40238
Ion Ratio Lower Upper
43 100
74 22.8 23.3 34.9#

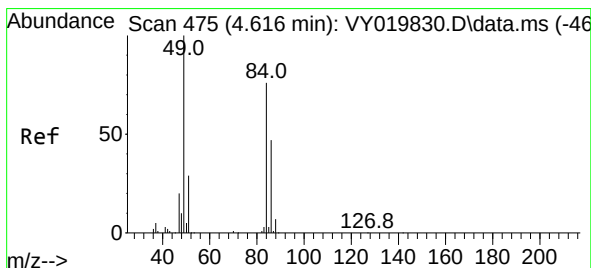
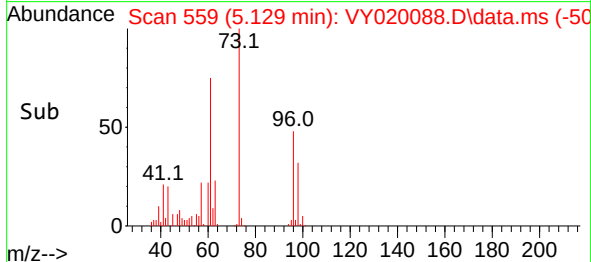
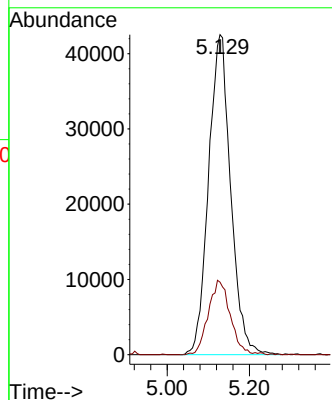
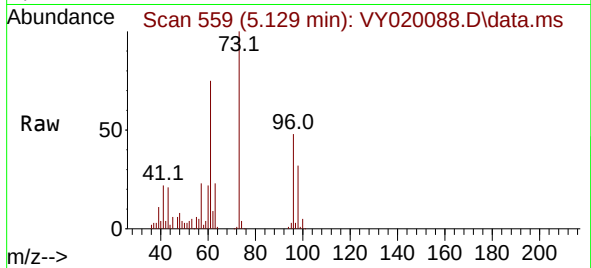




#19
Methyl tert-butyl Ether
Concen: 22.481 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

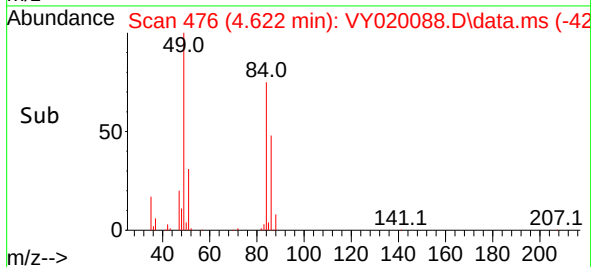
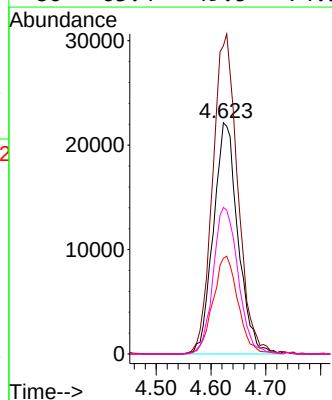
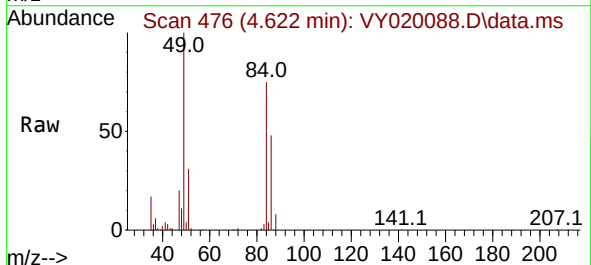
Instrument :
MSVOA_Y
ClientSampleId :

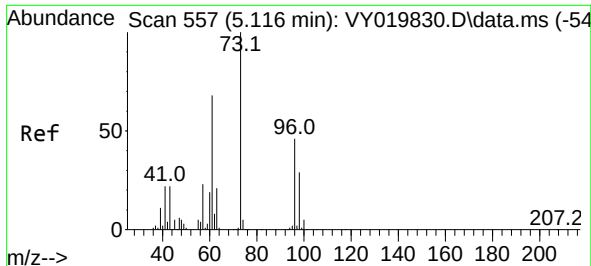
Tgt Ion: 73 Resp: 158621
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 20.391 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

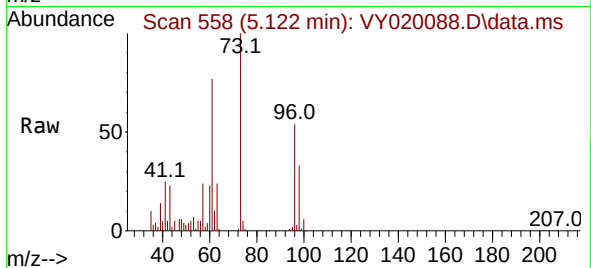
Tgt Ion: 84 Resp: 69094
Ion Ratio Lower Upper
84 100
49 133.3 84.4 126.6#
51 41.4 26.0 39.0#
86 63.4 49.5 74.3



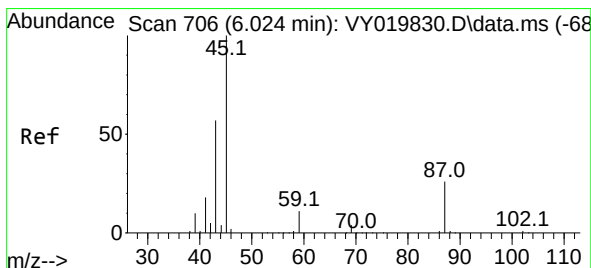
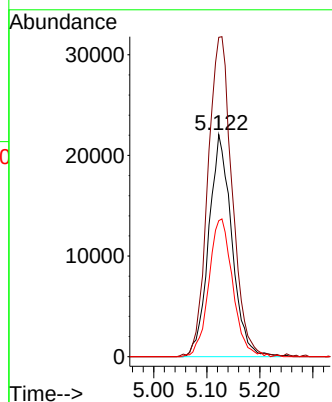
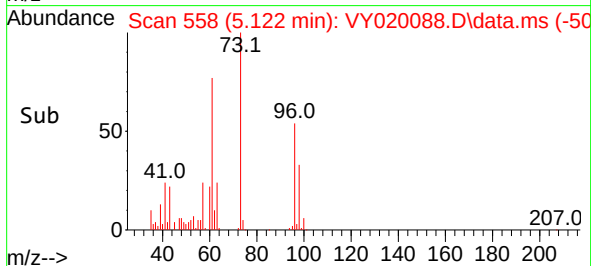


#21
trans-1,2-Dichloroethene
Concen: 21.042 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

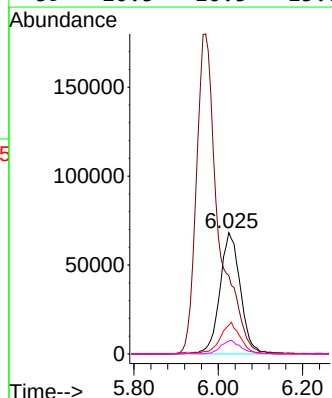
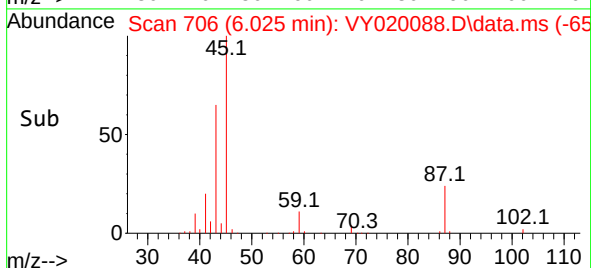
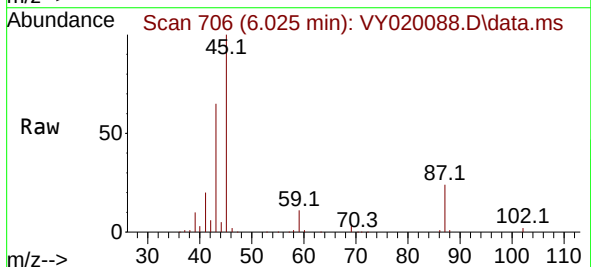


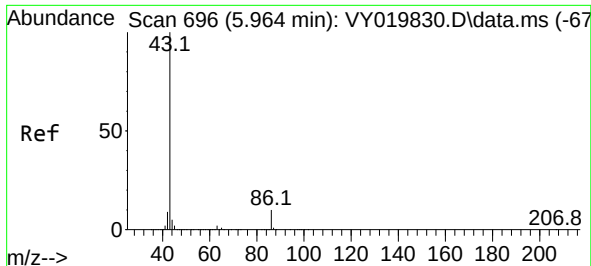
Tgt Ion: 96 Resp: 66553
Ion Ratio Lower Upper
96 100
61 143.3 97.5 146.3
98 61.3 50.5 75.7



#22
Diisopropyl ether
Concen: 21.890 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 45 Resp: 229846
Ion Ratio Lower Upper
45 100
43 63.6 42.2 63.2#
87 23.8 25.0 37.6#
59 10.5 10.5 15.7

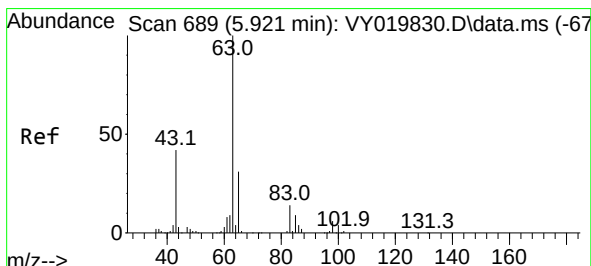
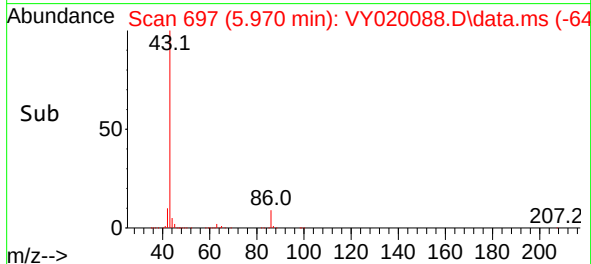
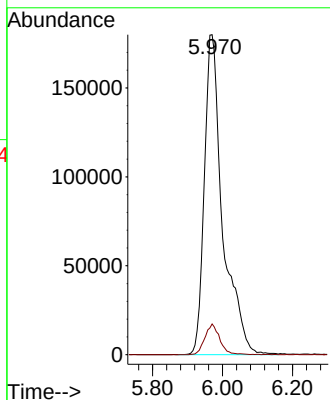
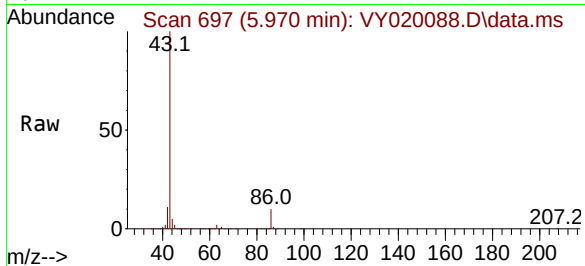




#23
 Vinyl Acetate
 Concen: 111.076 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.013 min
 Lab File: VY020088.D
 Acq: 31 Oct 2024 12:43

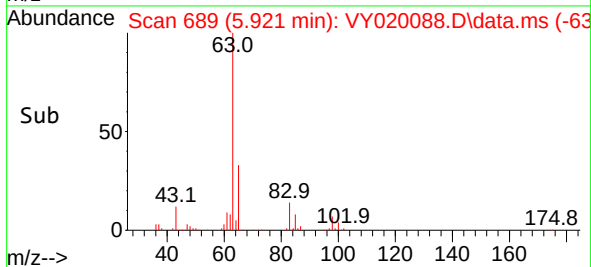
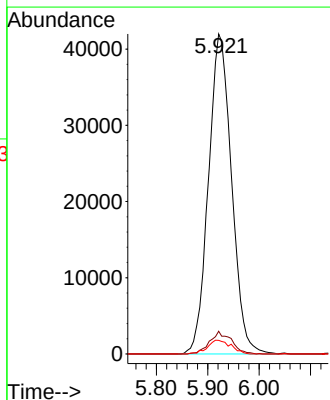
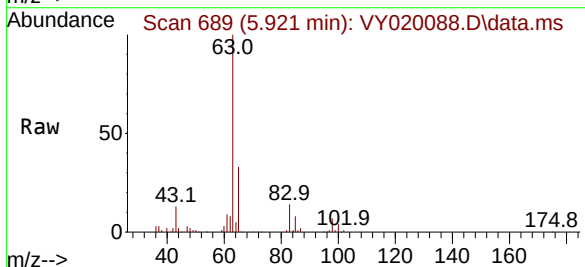
Instrument :
 MSVOA_Y
 ClientSampleId :

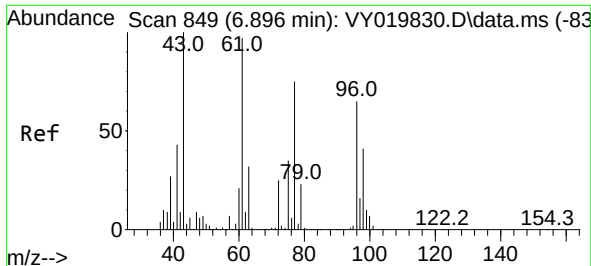
Tgt Ion: 43 Resp: 656374
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.563 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.007 min
 Lab File: VY020088.D
 Acq: 31 Oct 2024 12:43

Tgt Ion: 63 Resp: 131101
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 4.2 2.6 8.0

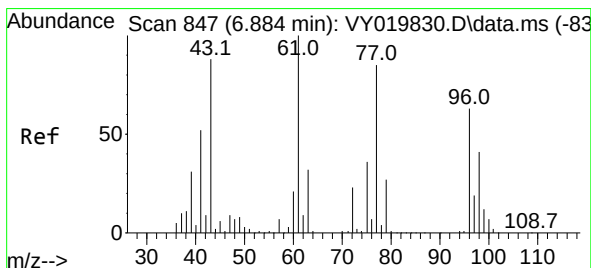
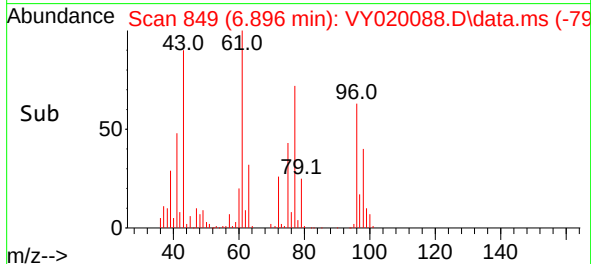
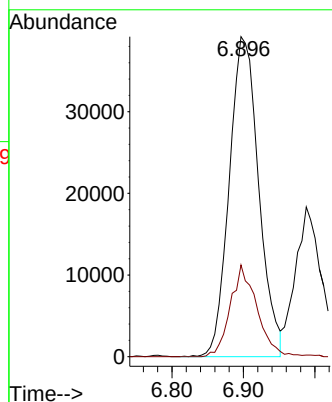
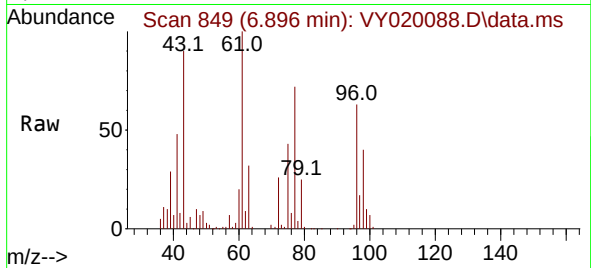




#25
2-Butanone
Concen: 109.704 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

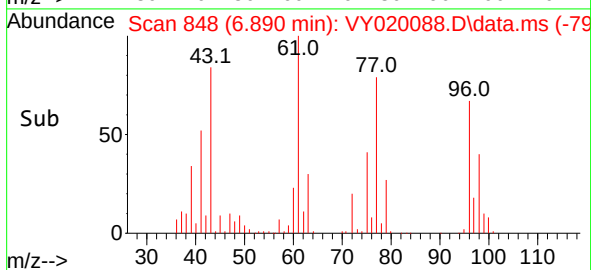
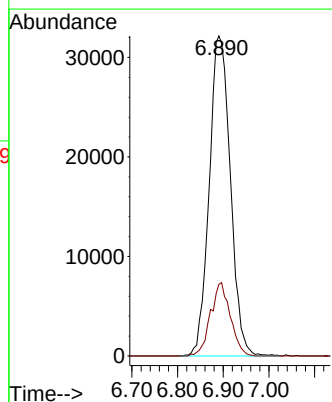
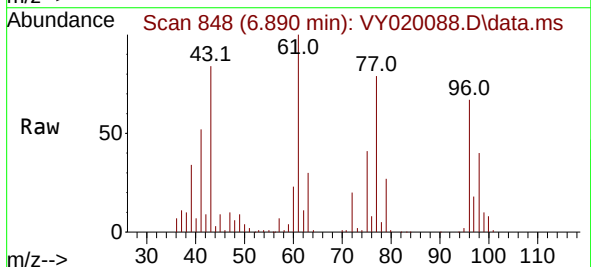
Instrument :
MSVOA_Y
ClientSampleId :

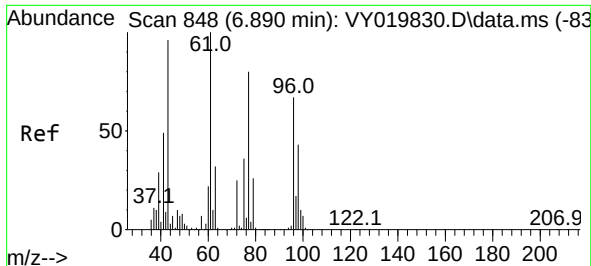
Tgt Ion: 43 Resp: 112172
Ion Ratio Lower Upper
43 100
72 28.6 27.3 40.9



#26
2,2-Dichloropropane
Concen: 20.441 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 77 Resp: 103407
Ion Ratio Lower Upper
77 100
97 21.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.784 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.007 min

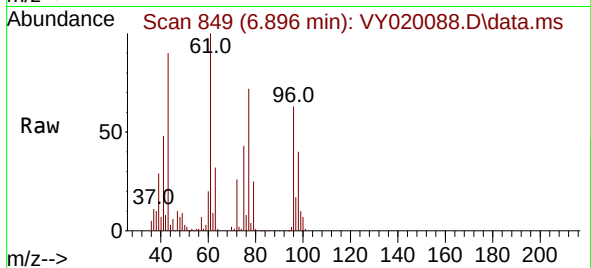
Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :



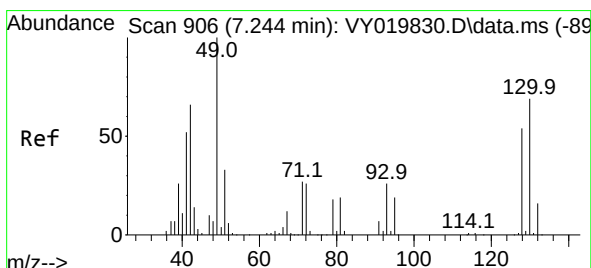
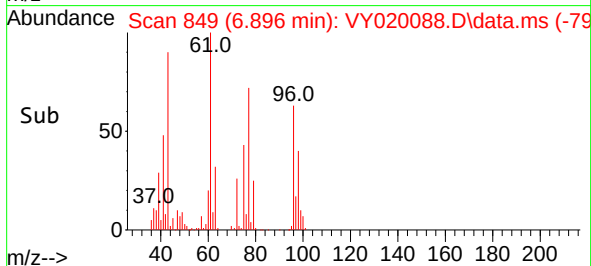
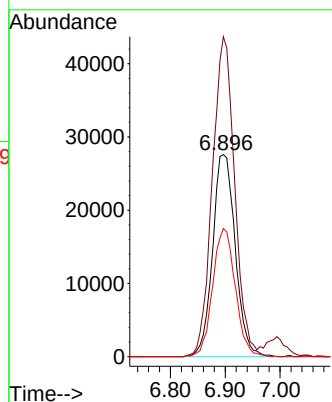
Tgt Ion: 96 Resp: 79203

Ion Ratio Lower Upper

96 100

61 155.7 0.0 256.2

98 63.3 0.0 130.0



#28

Bromochloromethane

Concen: 21.289 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.007 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

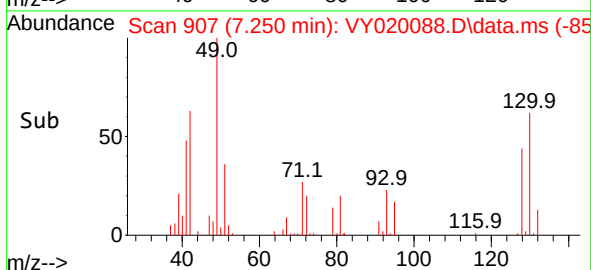
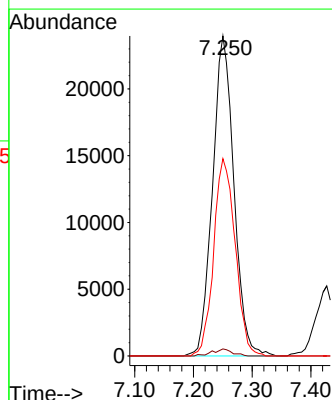
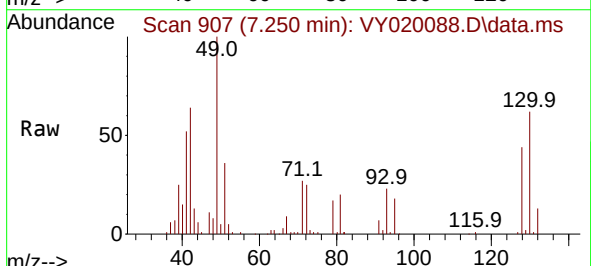
Tgt Ion: 49 Resp: 60610

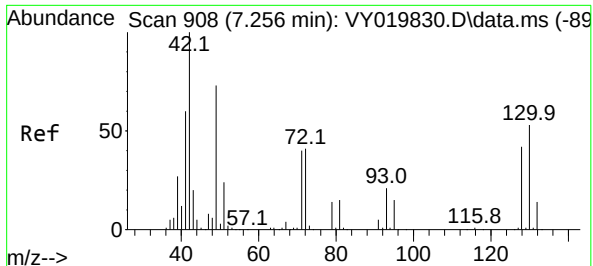
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 62.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 117.896 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.007 min

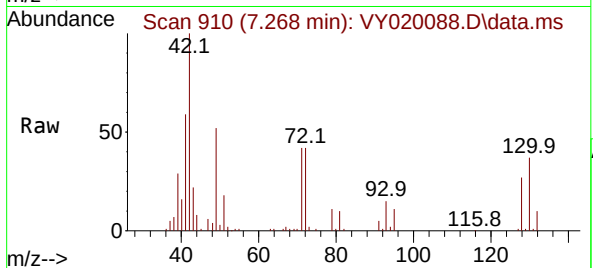
Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

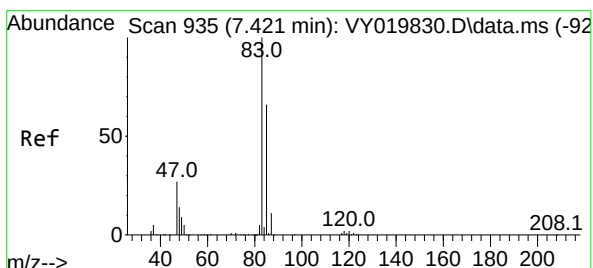
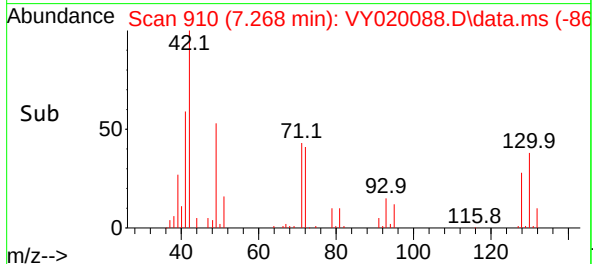
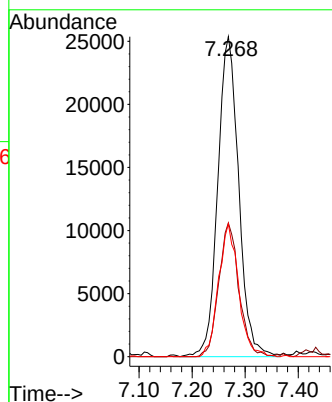
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	69569
Ion	Ratio	Lower	Upper
42	100		
72	40.3	43.0	64.4#
71	39.7	40.8	61.2#



#30

Chloroform

Concen: 21.496 ug/l

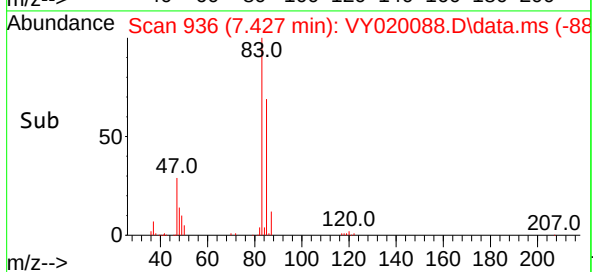
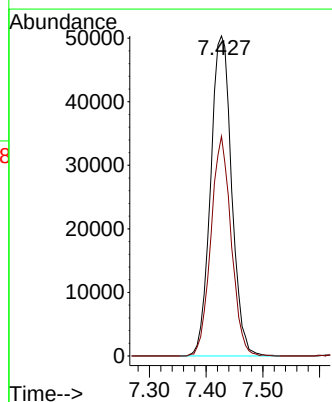
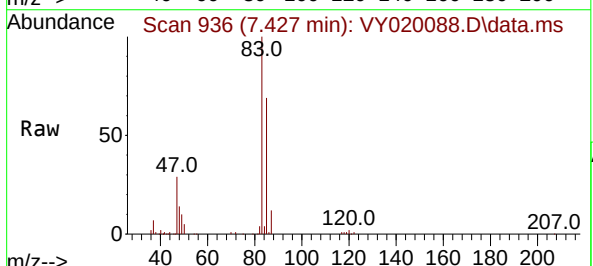
RT: 7.427 min Scan# 936

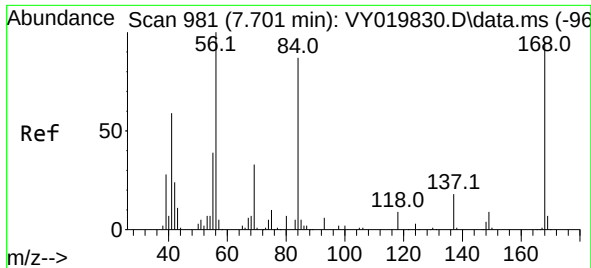
Delta R.T. 0.007 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Tgt Ion:	83	Resp:	129696
Ion	Ratio	Lower	Upper
83	100		
85	68.7	52.2	78.4

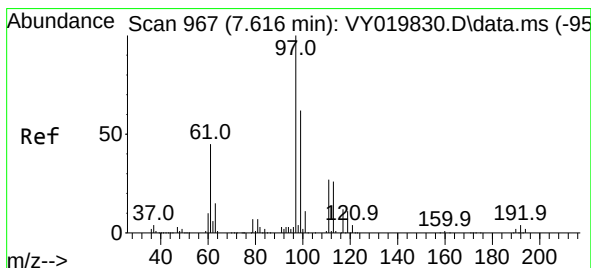
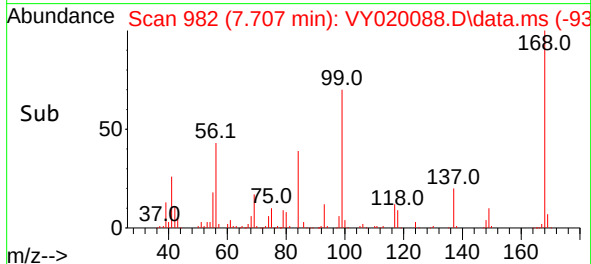
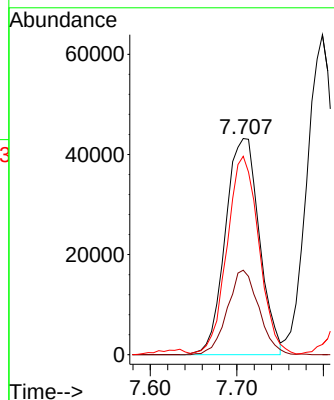
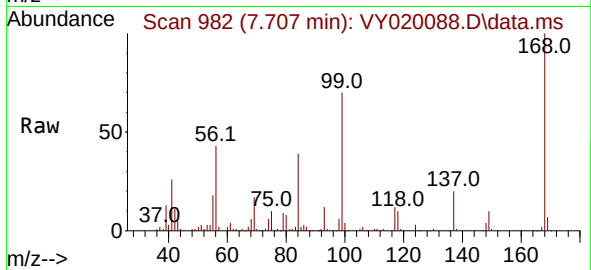




#31
Cyclohexane
Concen: 20.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

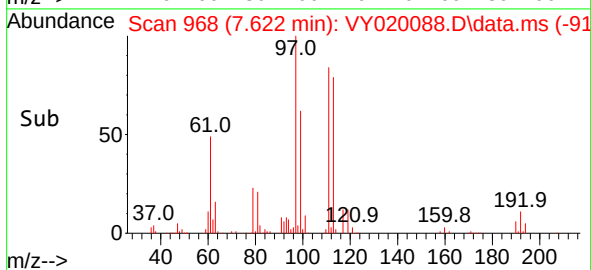
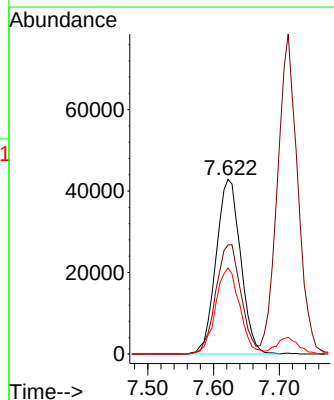
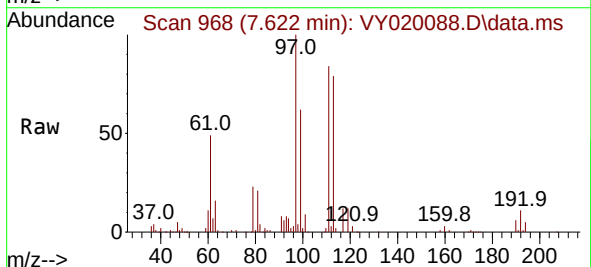
Instrument :
MSVOA_Y
ClientSampleId :

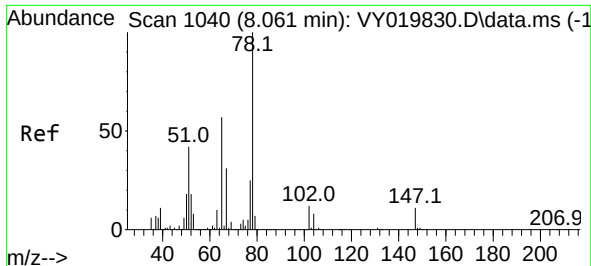
Tgt Ion: 56 Resp: 117723
Ion Ratio Lower Upper
56 100
69 39.1 28.7 43.1
84 88.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.119 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 97 Resp: 111248
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 48.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.942 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

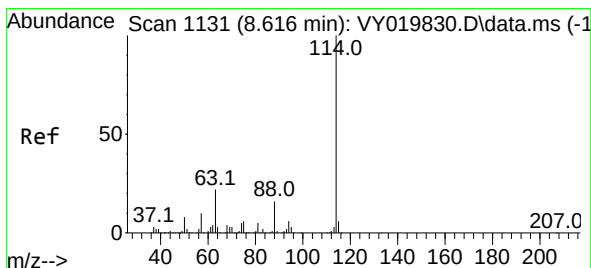
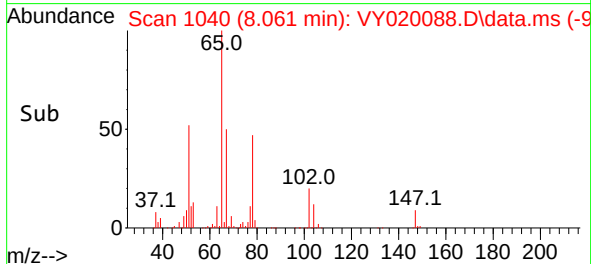
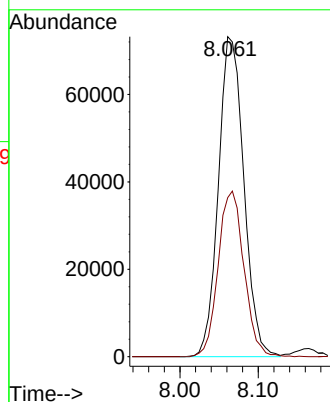
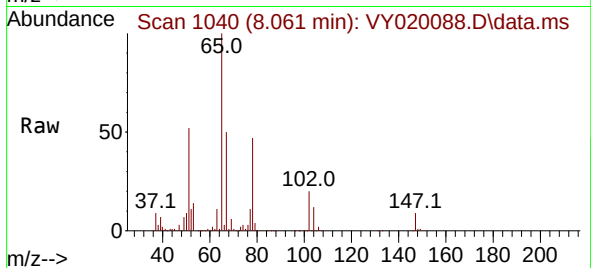
ClientSampleId :

Tgt Ion: 65 Resp: 165235

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

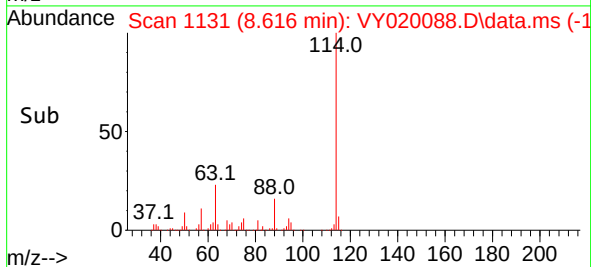
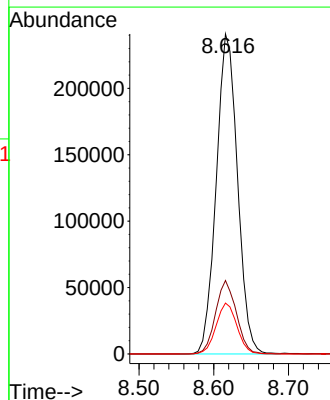
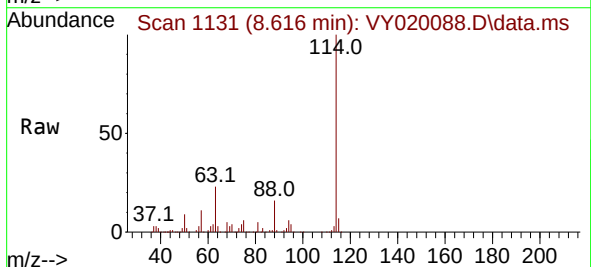
Tgt Ion: 114 Resp: 476917

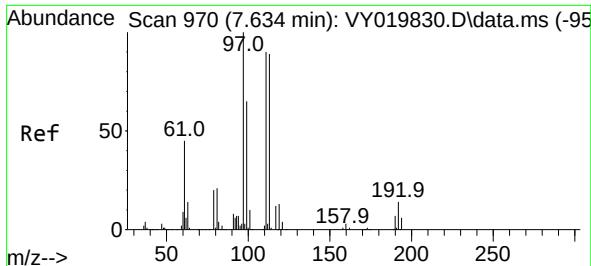
Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

88 15.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.899 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.007 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

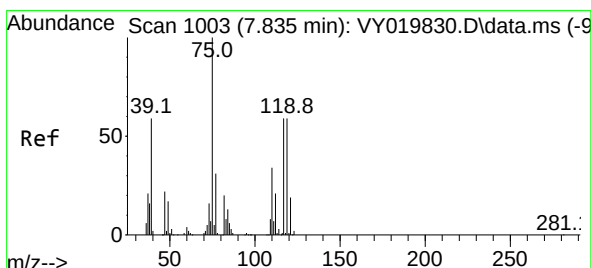
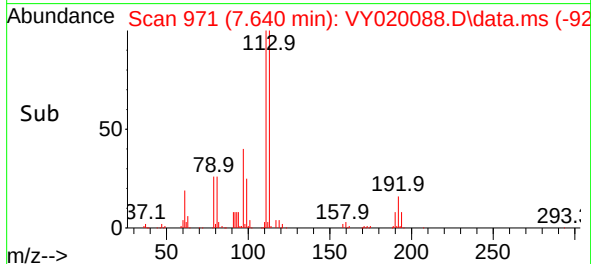
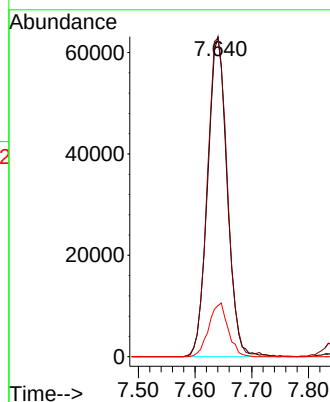
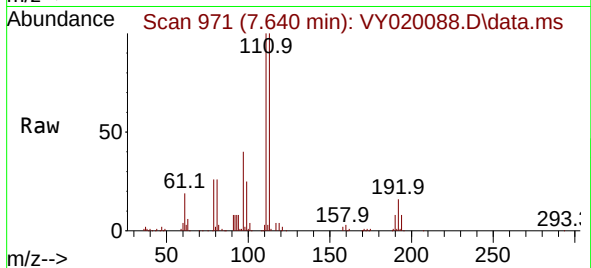
Tgt Ion:113 Resp: 151304

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 16.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 20.268 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.007 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

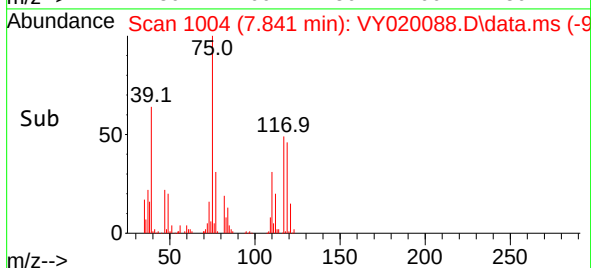
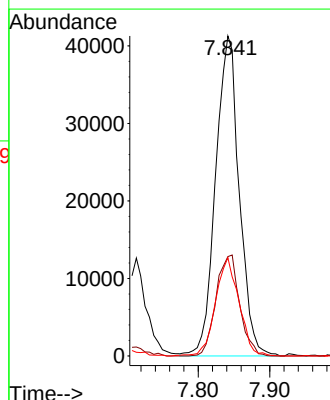
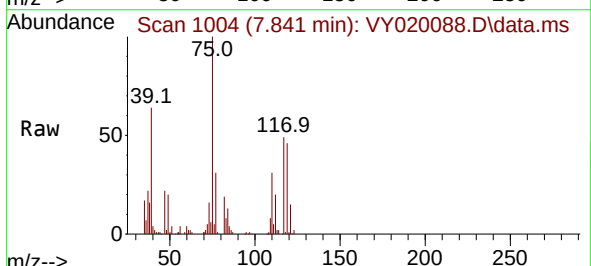
Tgt Ion: 75 Resp: 94936

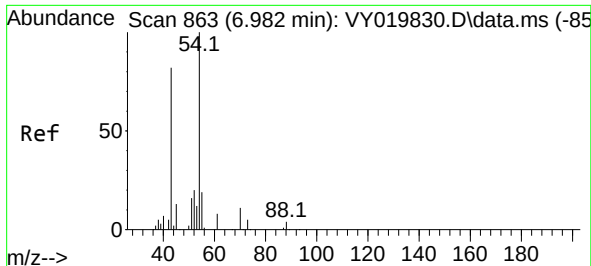
Ion Ratio Lower Upper

75 100

110 31.5 19.0 57.0

77 30.5 25.3 37.9

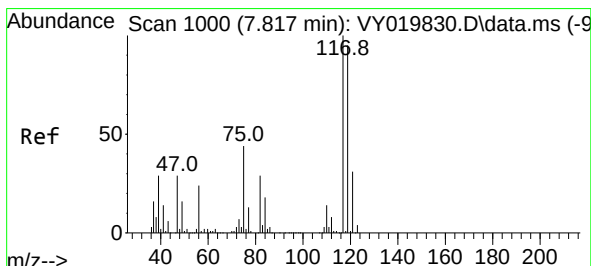
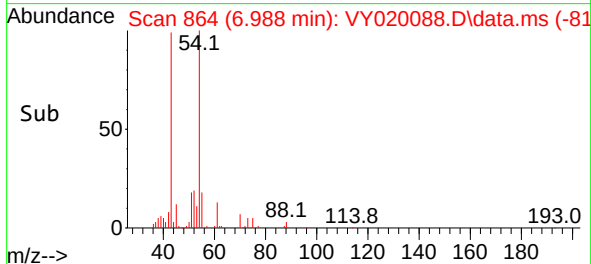
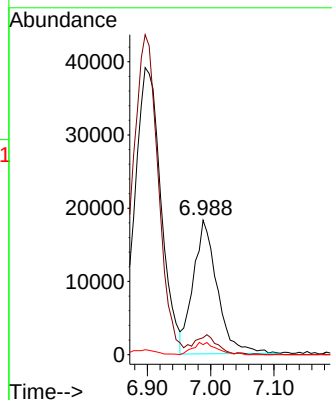
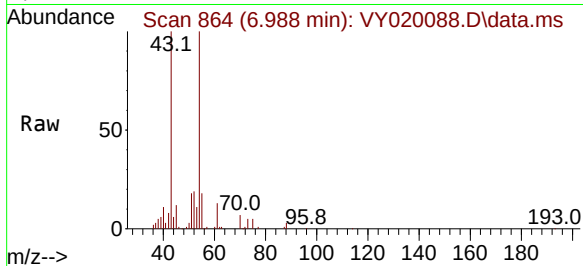




#37
Ethyl Acetate
Concen: 21.522 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

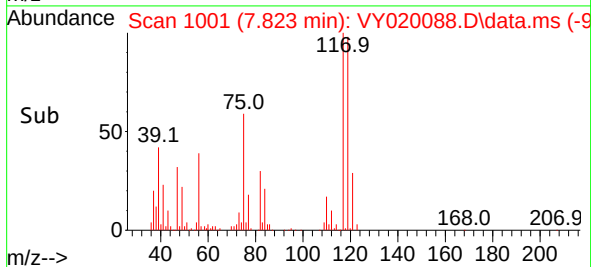
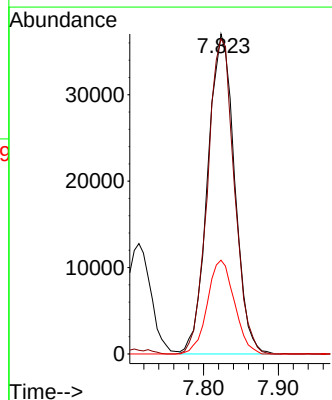
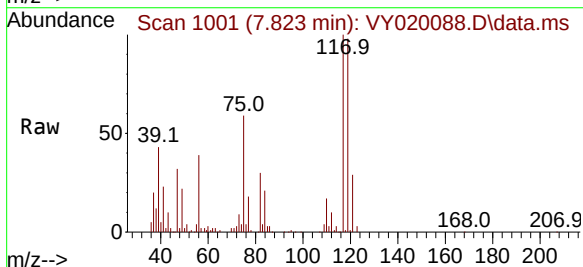
Instrument :
MSVOA_Y
ClientSampleId :

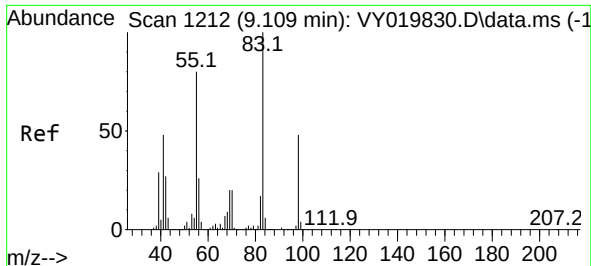
Tgt Ion: 43 Resp: 48064
Ion Ratio Lower Upper
43 100
61 11.3 12.6 19.0#
70 8.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.687 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 117 Resp: 92730
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.6
121 29.3 24.0 36.0





#39

Methylcyclohexane

Concen: 19.526 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

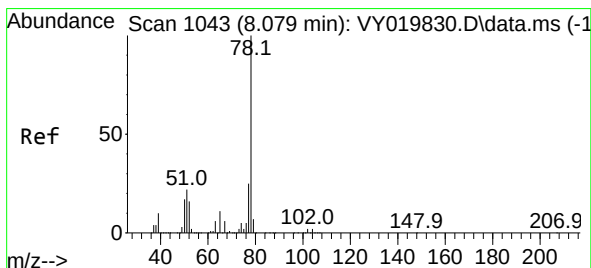
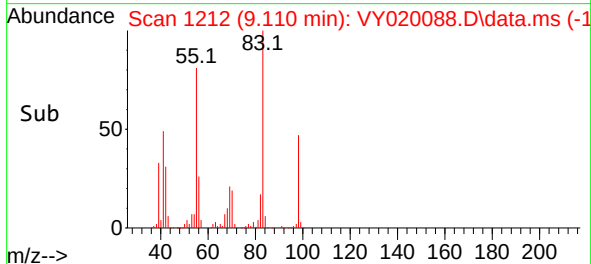
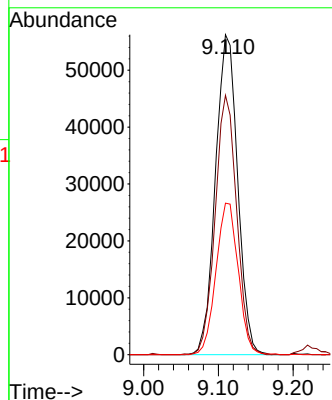
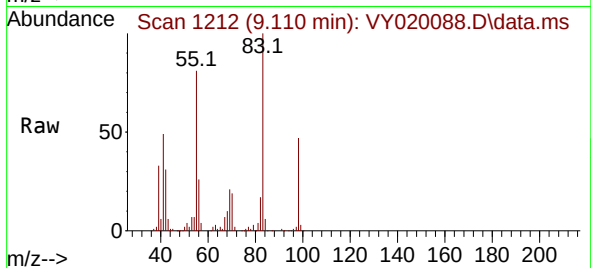
Tgt Ion: 83 Resp: 116079

Ion Ratio Lower Upper

83 100

55 81.0 51.5 77.3#

98 47.4 40.5 60.7



#40

Benzene

Concen: 20.883 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.007 min

Lab File: VY020088.D

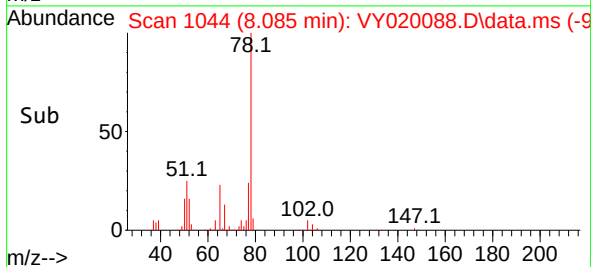
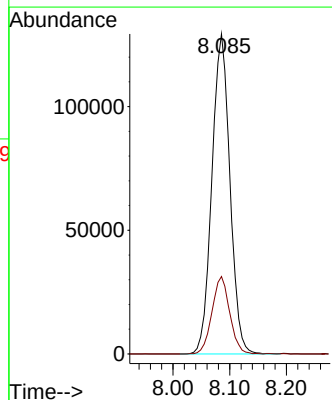
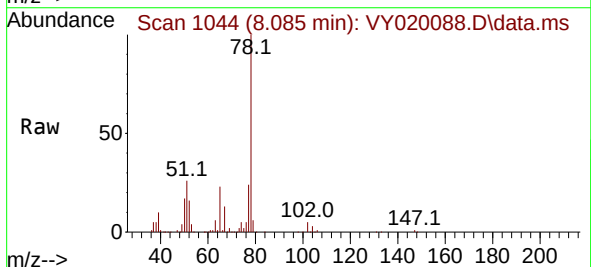
Acq: 31 Oct 2024 12:43

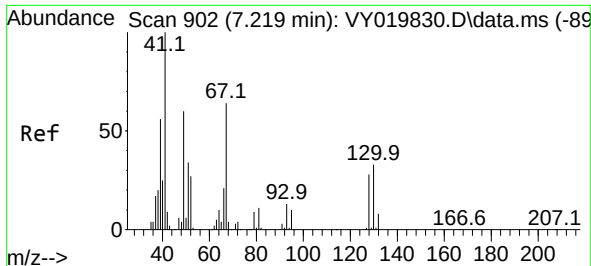
Tgt Ion: 78 Resp: 285518

Ion Ratio Lower Upper

78 100

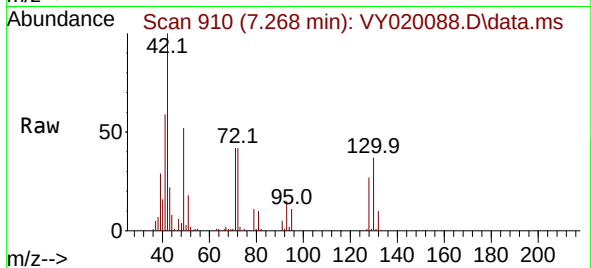
77 24.2 19.5 29.3



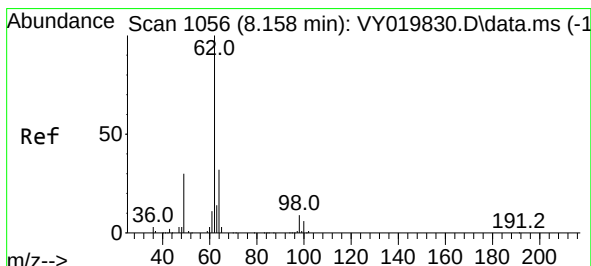
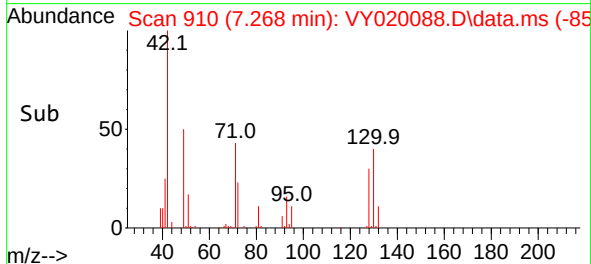
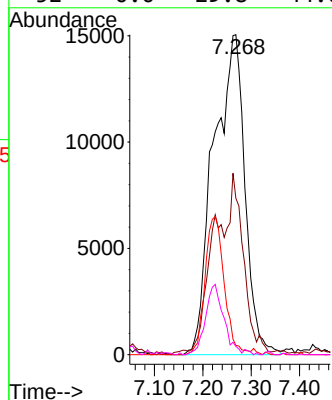


#41
Methacrylonitrile
Concen: 60.054 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.049 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

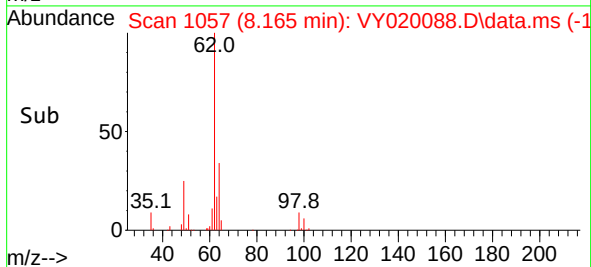
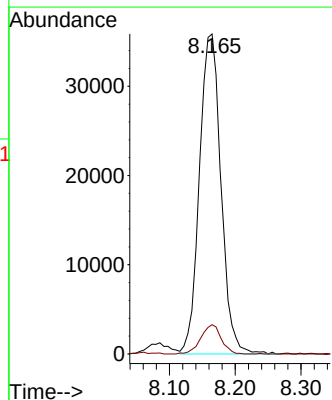
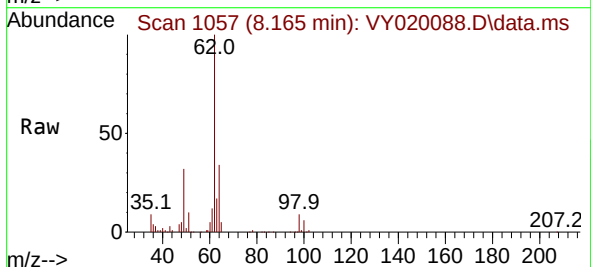


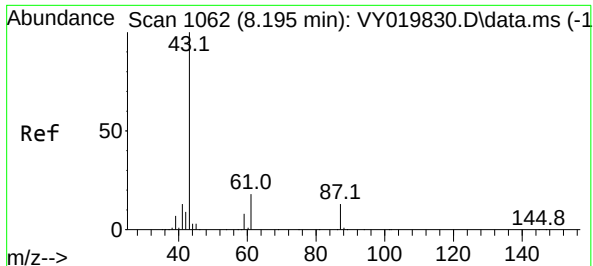
Tgt Ion	Ratio	Lower	Upper
41	100		
39	24.5	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 21.588 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	22.0

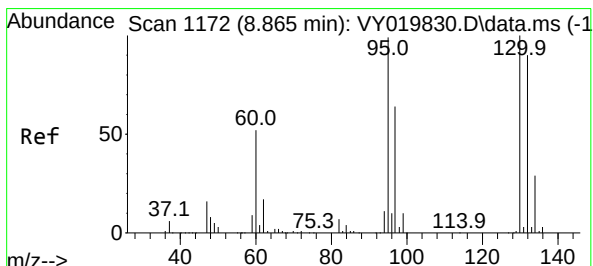
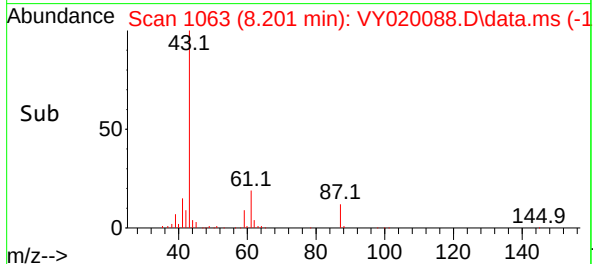
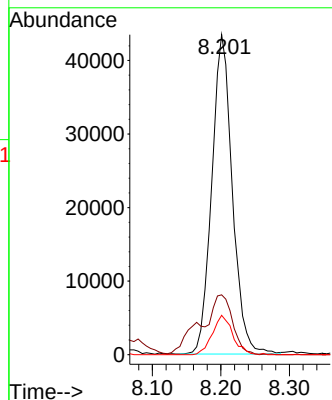
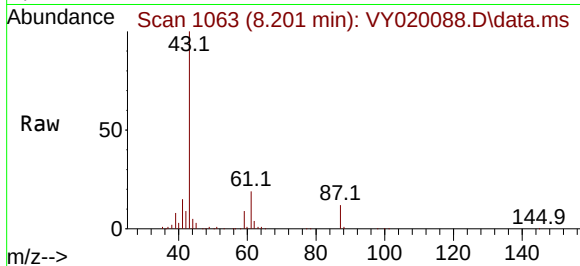




#43
Isopropyl Acetate
Concen: 21.126 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

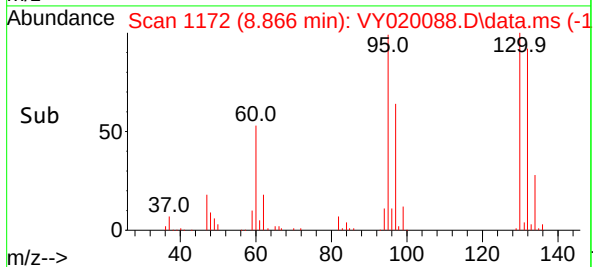
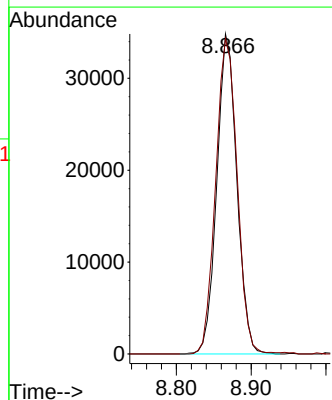
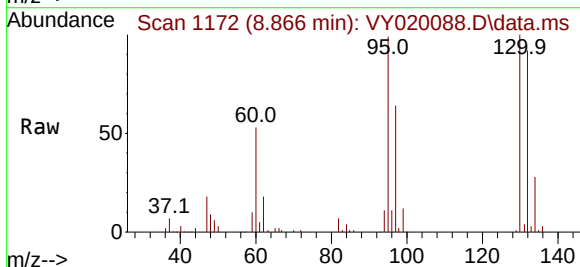
Instrument :
MSVOA_Y
ClientSampleId :

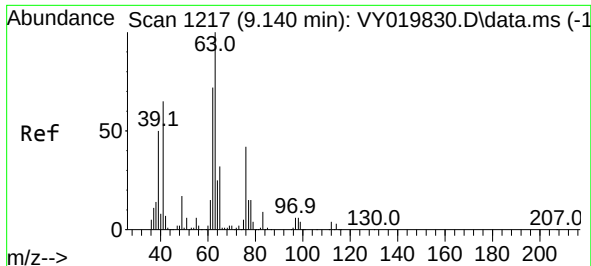
Tgt Ion: 43 Resp: 90722
Ion Ratio Lower Upper
43 100
61 19.2 27.9 41.9#
87 12.2 13.1 19.7#



#44
Trichloroethene
Concen: 20.533 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion:130 Resp: 65063
Ion Ratio Lower Upper
130 100
95 98.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.072 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.007 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

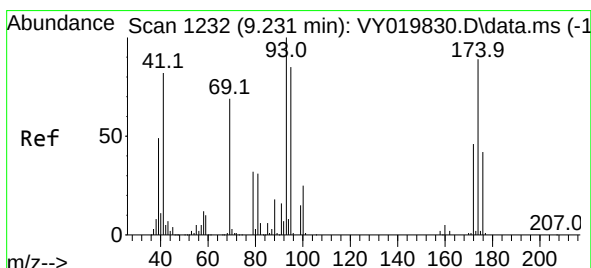
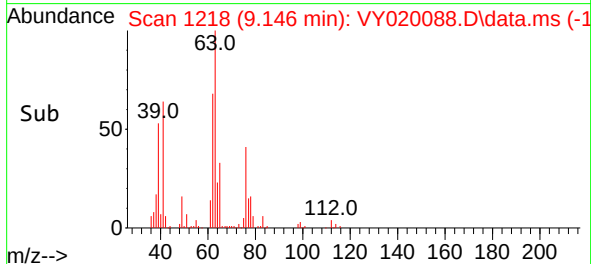
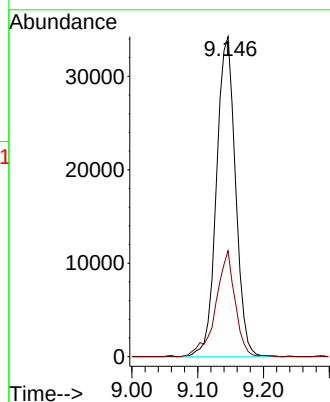
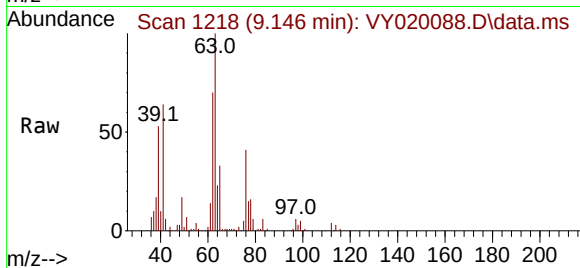
ClientSampleId :

Tgt Ion: 63 Resp: 68928

Ion Ratio Lower Upper

63 100

65 33.1 25.4 38.2



#46

Dibromomethane

Concen: 21.023 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

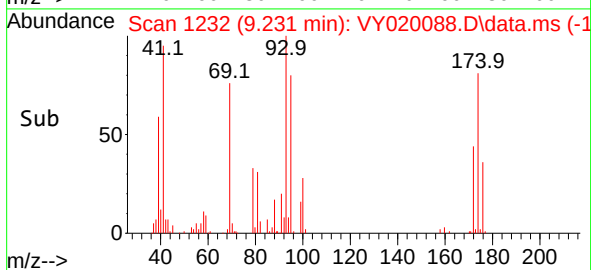
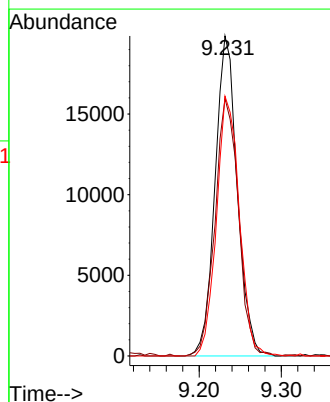
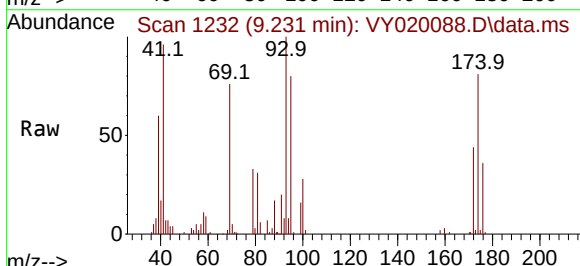
Tgt Ion: 93 Resp: 37262

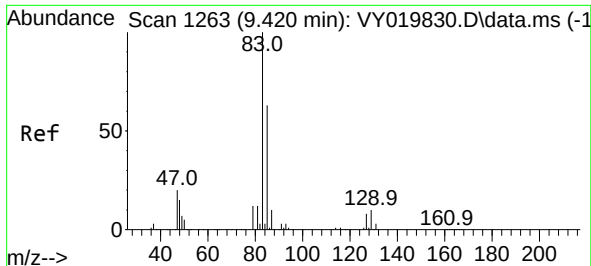
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 83.4 80.9 121.3

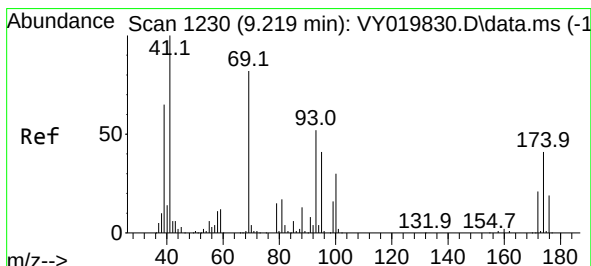
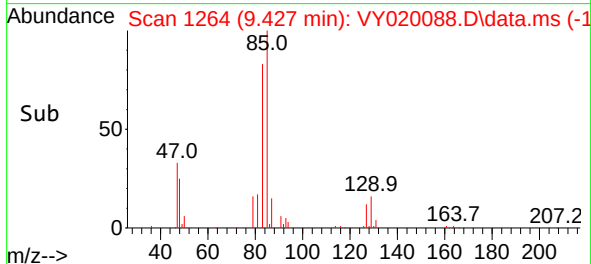
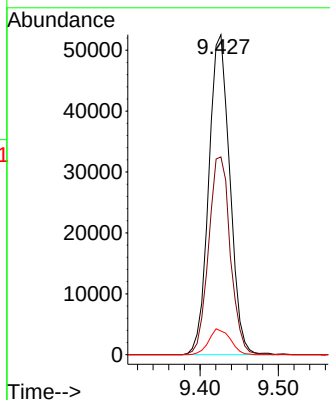
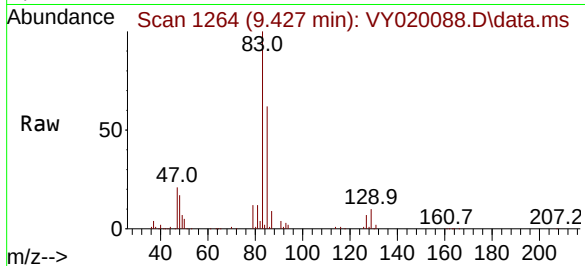




#47
Bromodichloromethane
Concen: 21.138 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

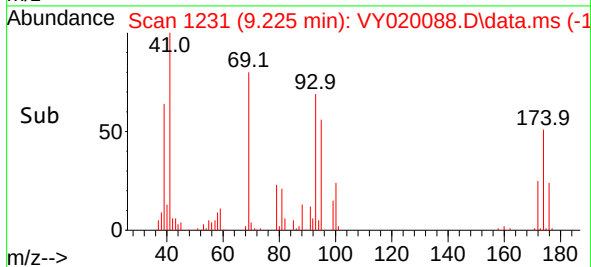
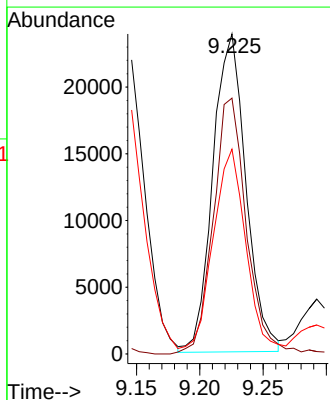
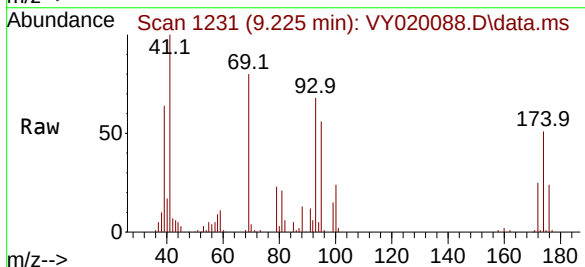
Instrument :
MSVOA_Y
ClientSampleId :

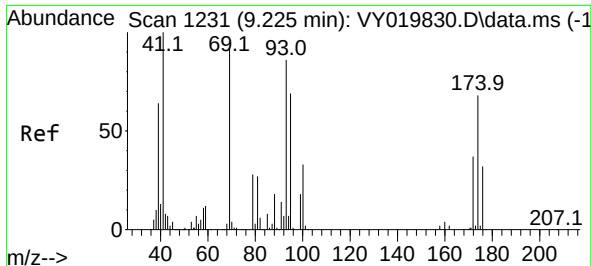
Tgt Ion: 83 Resp: 98150
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1
127 7.4 7.4 11.0



#48
Methyl methacrylate
Concen: 21.800 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.007 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 41 Resp: 43363
Ion Ratio Lower Upper
41 100
69 81.1 84.1 126.1#
39 60.8 43.6 65.4





#49

1,4-Dioxane

Concen: 449.203 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

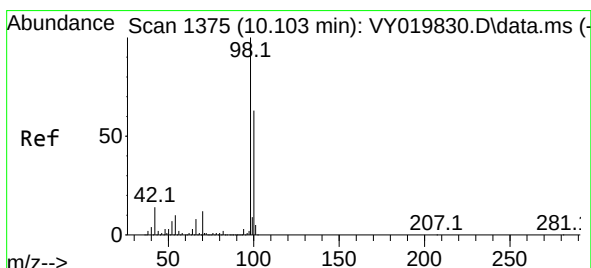
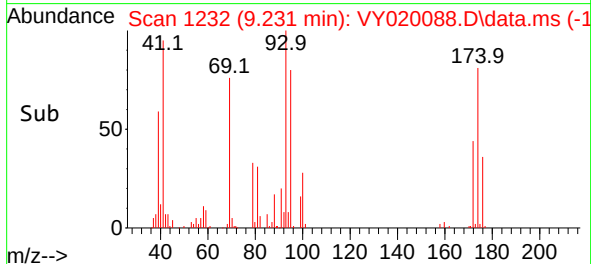
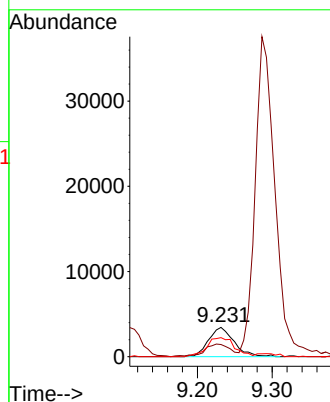
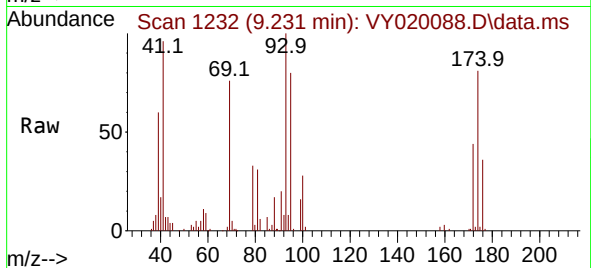
Tgt Ion: 88 Resp: 8197

Ion Ratio Lower Upper

88 100

43 44.2 0.0 0.0#

58 70.1 49.3 73.9



#50

Toluene-d8

Concen: 48.351 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020088.D

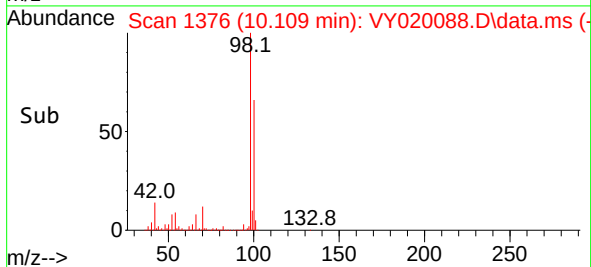
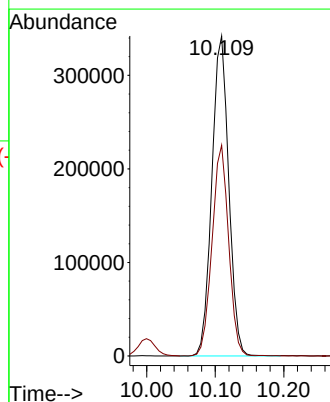
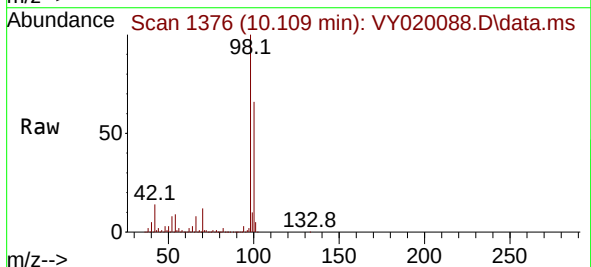
Acq: 31 Oct 2024 12:43

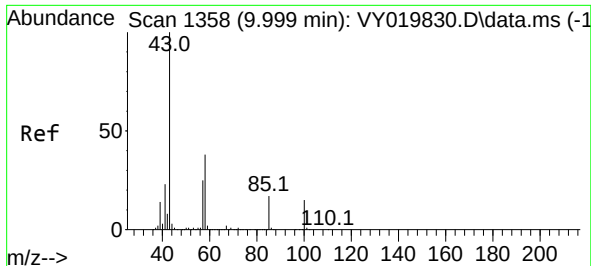
Tgt Ion: 98 Resp: 583585

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

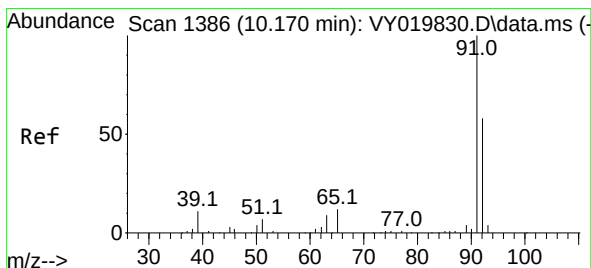
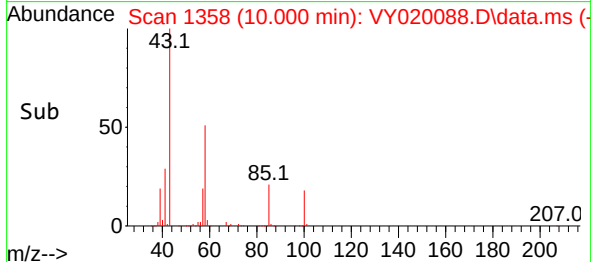
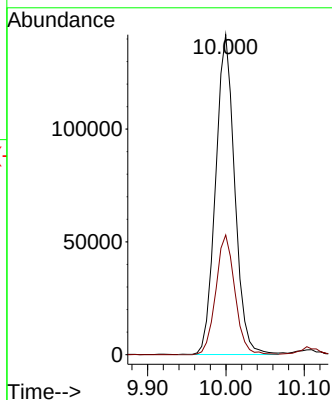
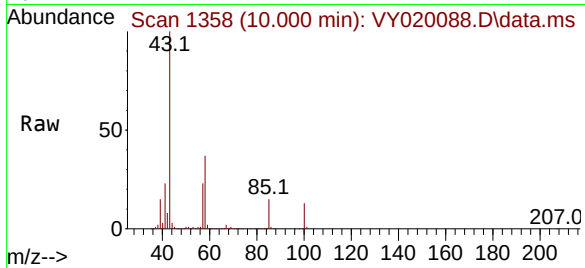




#51
4-Methyl-2-Pentanone
Concen: 108.839 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

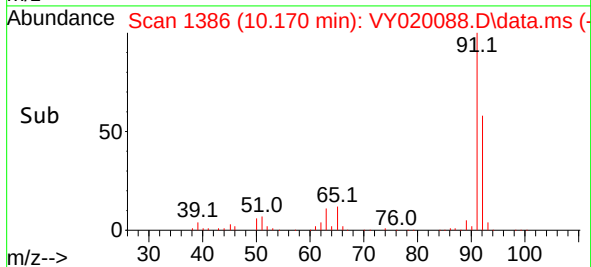
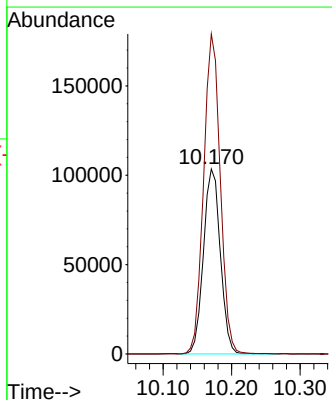
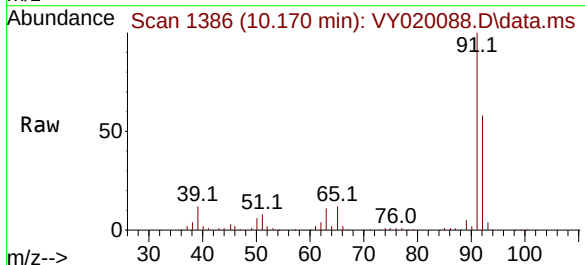
Instrument :
MSVOA_Y
ClientSampleId :

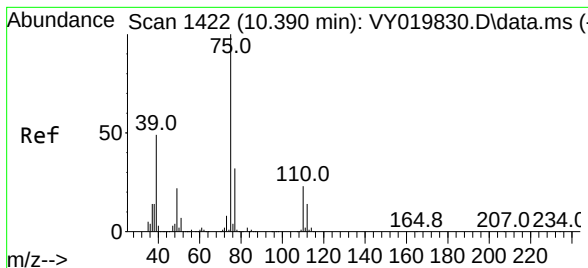
Tgt Ion: 43 Resp: 240835
Ion Ratio Lower Upper
43 100
58 37.4 35.7 53.5



#52
Toluene
Concen: 21.087 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 92 Resp: 177714
Ion Ratio Lower Upper
92 100
91 171.0 139.0 208.6

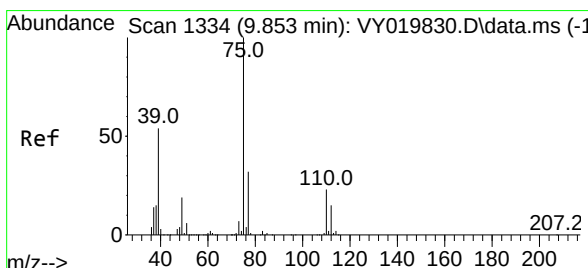
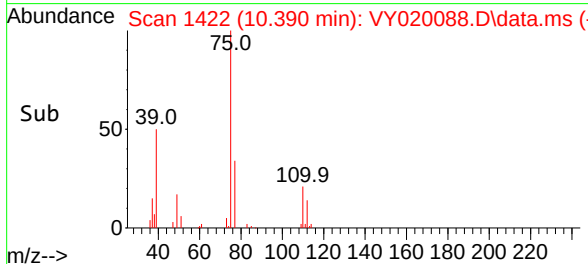
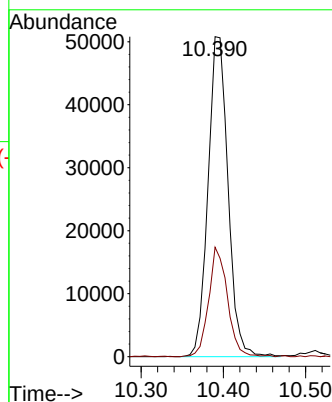
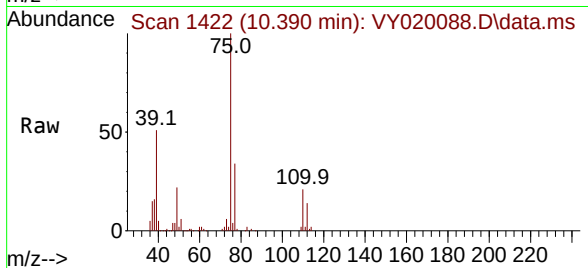




#53
 t-1,3-Dichloropropene
 Concen: 20.941 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY020088.D
 Acq: 31 Oct 2024 12:43

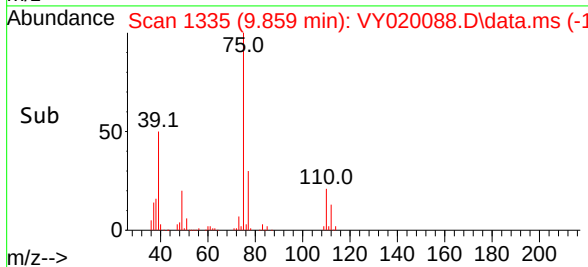
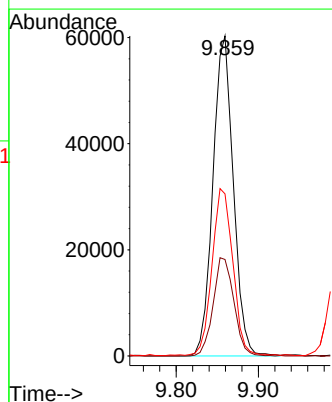
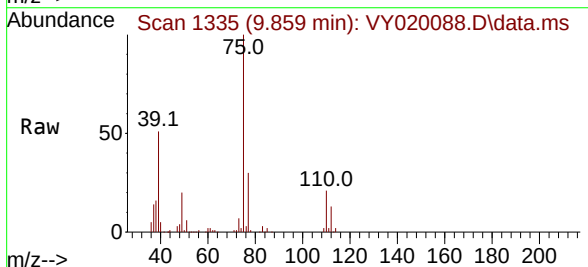
Instrument :
 MSVOA_Y
 ClientSampleId :

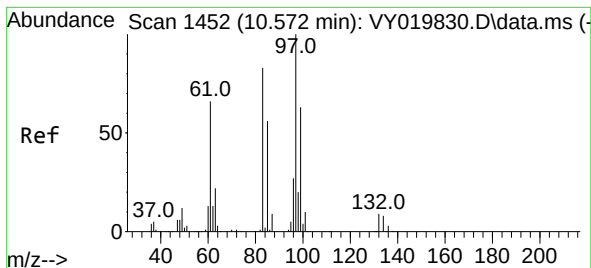
Tgt Ion: 75 Resp: 85861
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.230 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020088.D
 Acq: 31 Oct 2024 12:43

Tgt Ion: 75 Resp: 103898
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0
 39 50.5 29.8 44.6#

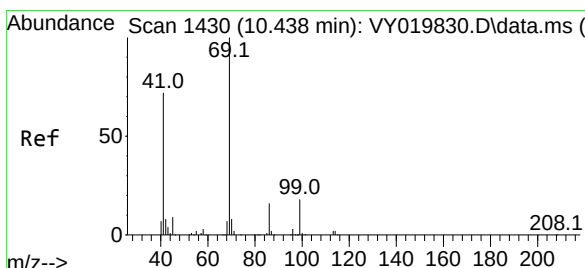
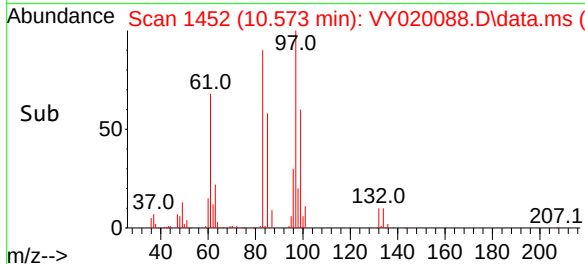
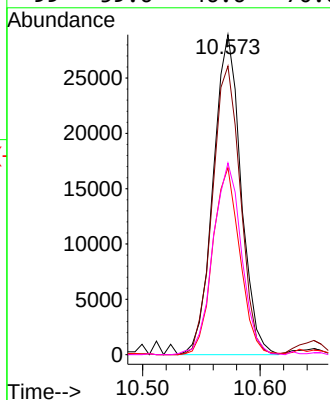
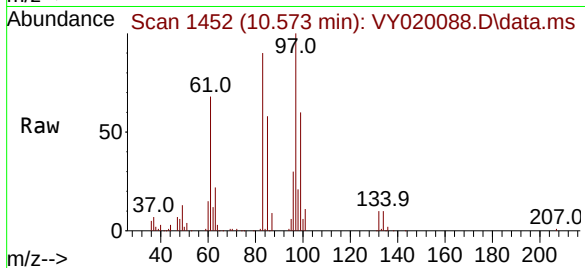




#55
1,1,2-Trichloroethane
Concen: 21.555 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

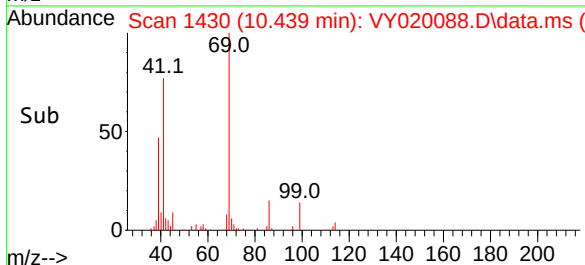
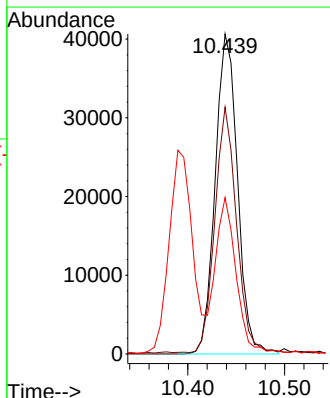
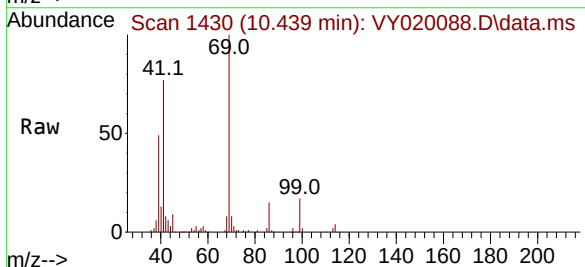
Instrument :
MSVOA_Y
ClientSampleId :

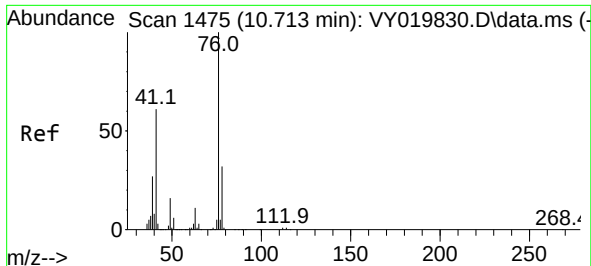
Tgt Ion:	97	Resp:	47501
Ion	Ratio	Lower	Upper
97	100		
83	90.2	67.5	101.3
85	58.5	42.9	64.3
99	59.6	46.6	70.0



#56
Ethyl methacrylate
Concen: 20.609 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion:	69	Resp:	65147
Ion	Ratio	Lower	Upper
69	100		
41	74.3	42.3	63.5#
39	43.6	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 21.389 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

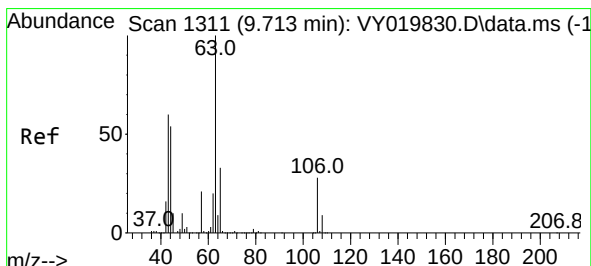
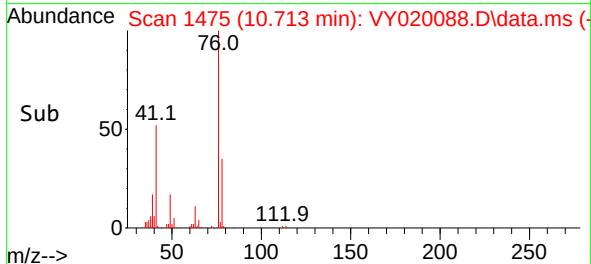
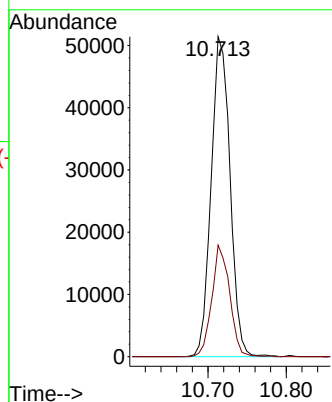
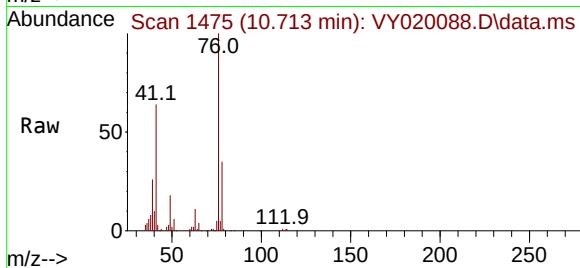
ClientSampleId :

Tgt Ion: 76 Resp: 86318

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.936 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020088.D

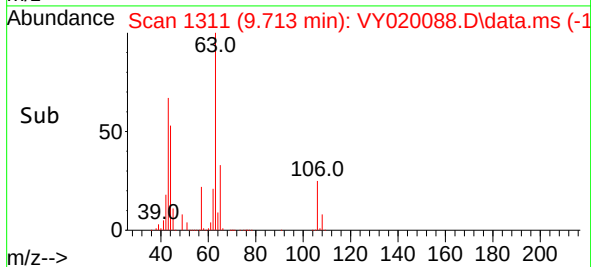
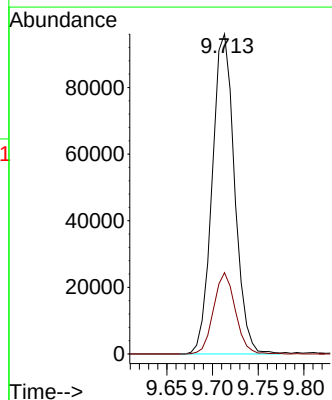
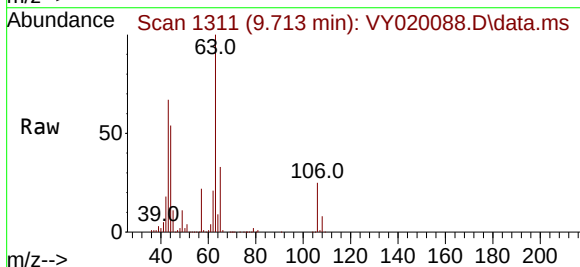
Acq: 31 Oct 2024 12:43

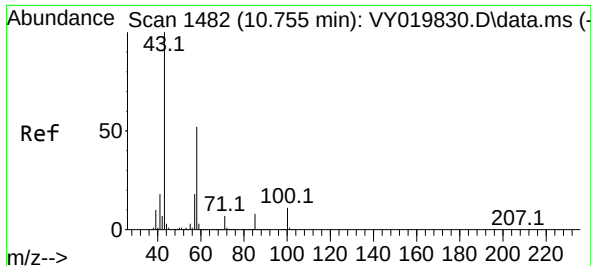
Tgt Ion: 63 Resp: 163594

Ion Ratio Lower Upper

63 100

106 24.7 23.7 35.5

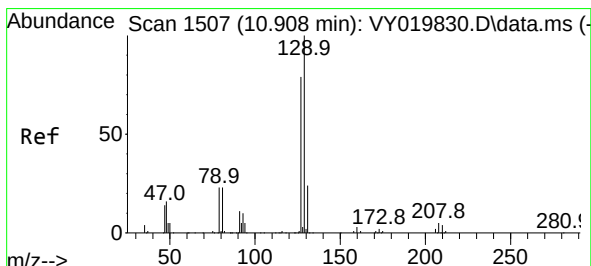
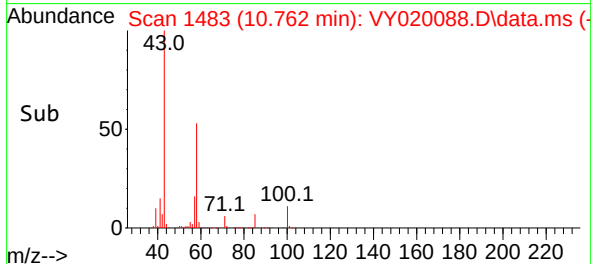
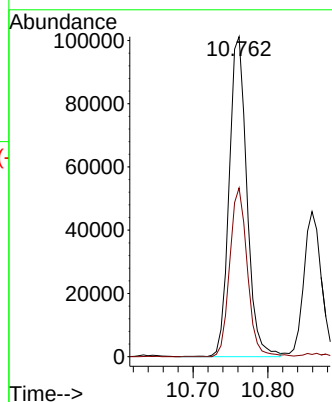
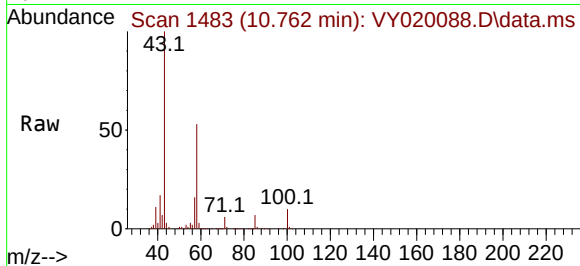




#59
2-Hexanone
Concen: 104.999 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

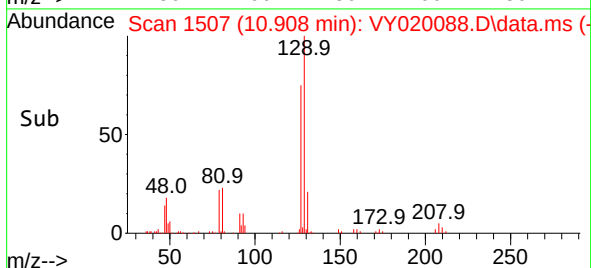
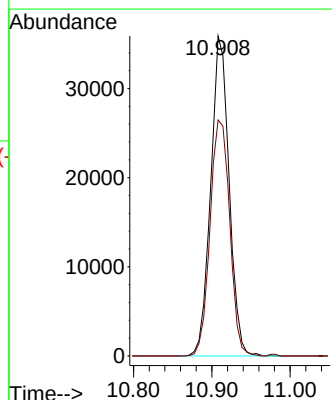
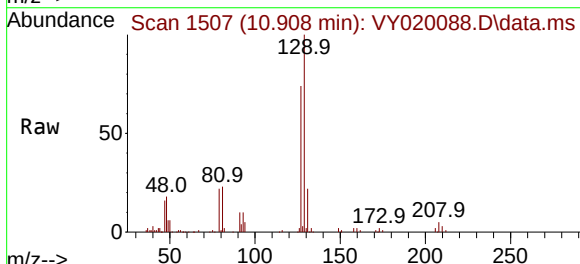
Instrument :
MSVOA_Y
ClientSampleId :

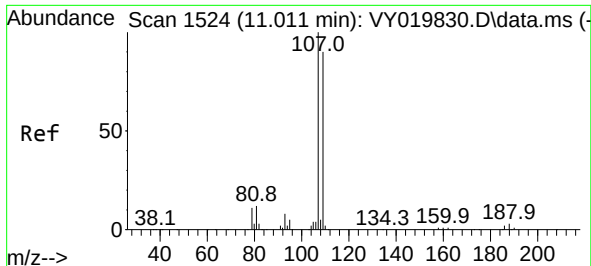
Tgt Ion: 43 Resp: 166569
Ion Ratio Lower Upper
43 100
58 52.4 31.4 94.0



#60
Dibromochloromethane
Concen: 20.805 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 129 Resp: 58443
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0

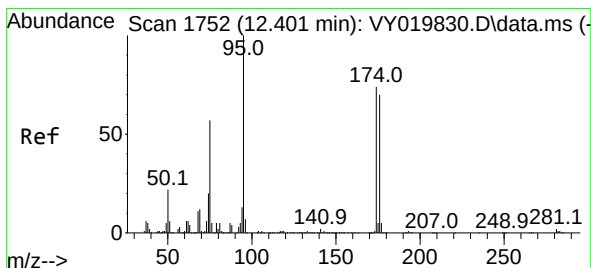
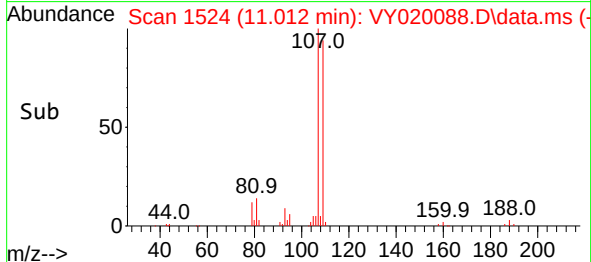
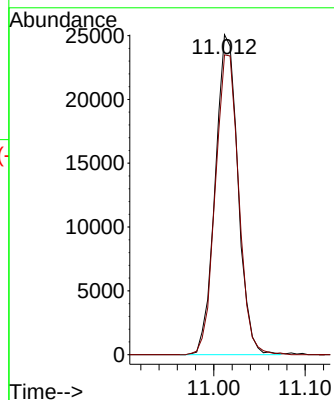
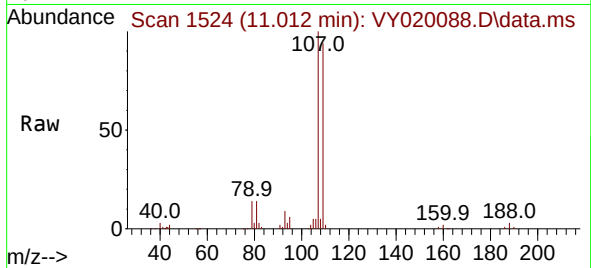




#61
1,2-Dibromoethane
Concen: 21.159 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

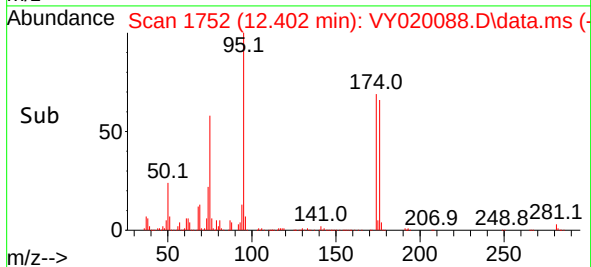
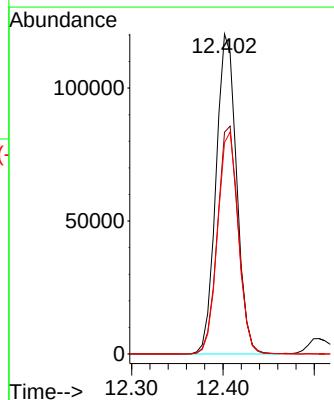
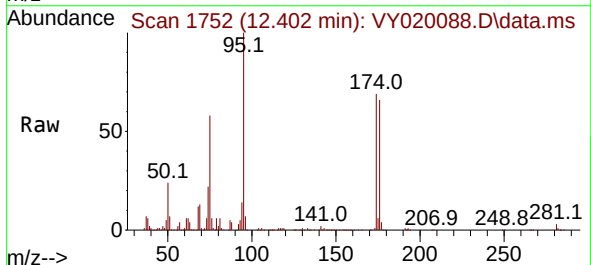
Instrument :
MSVOA_Y
ClientSampleId :

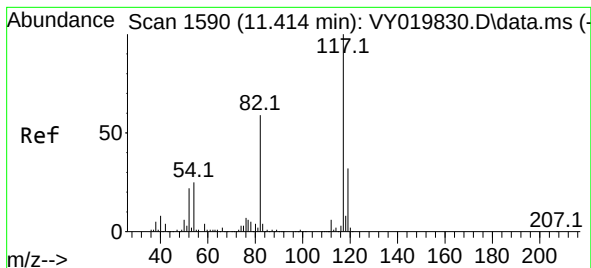
Tgt Ion:107 Resp: 43322
Ion Ratio Lower Upper
107 100
109 96.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.966 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 95 Resp: 188045
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 70.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

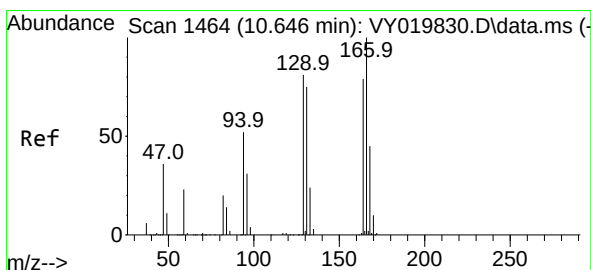
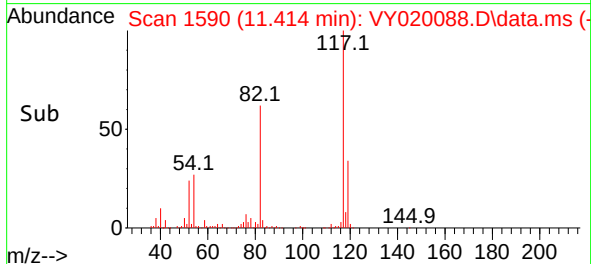
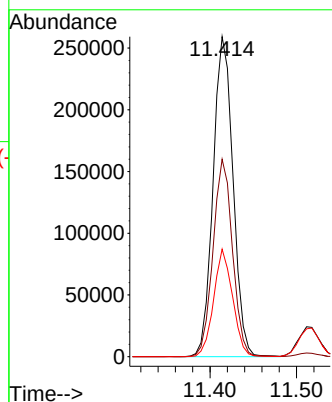
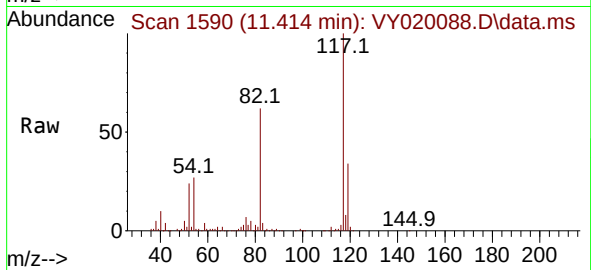
Tgt Ion:117 Resp: 414477

Ion Ratio Lower Upper

117 100

82 61.7 42.4 63.6

119 33.6 25.9 38.9



#64

Tetrachloroethene

Concen: 20.299 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Tgt Ion:164 Resp: 55552

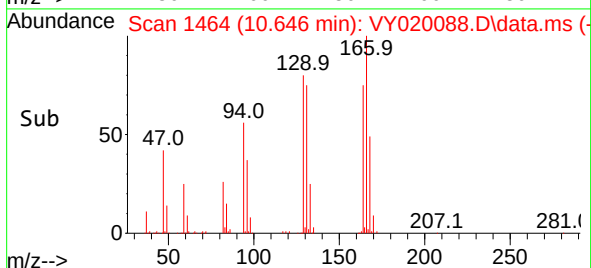
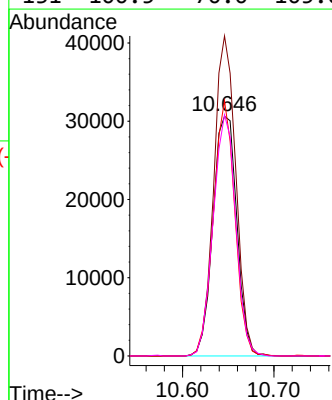
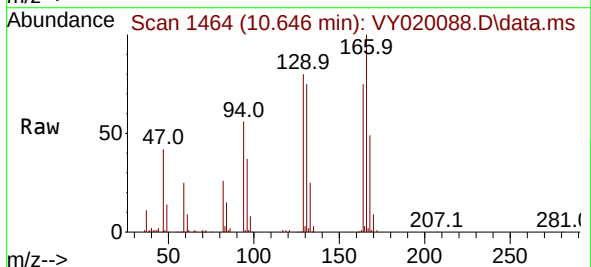
Ion Ratio Lower Upper

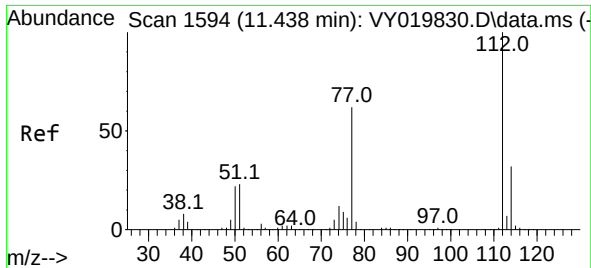
164 100

166 133.5 102.6 154.0

129 106.4 72.0 108.0

131 100.5 70.0 105.0

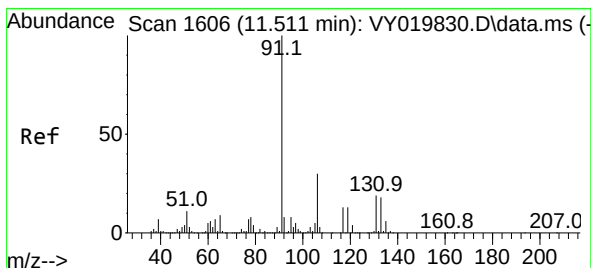
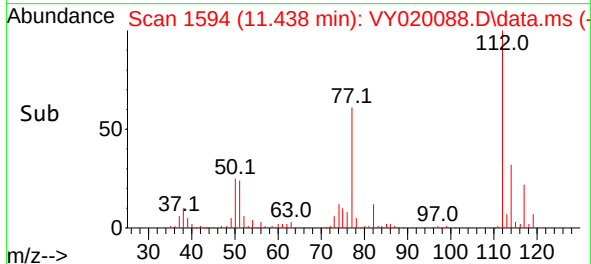
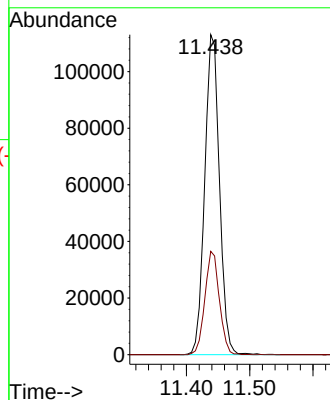
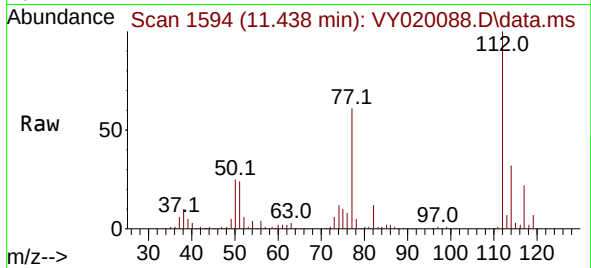




#65
Chlorobenzene
Concen: 20.749 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

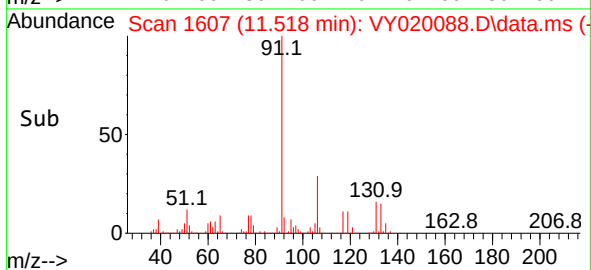
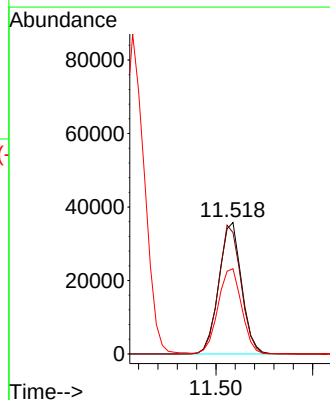
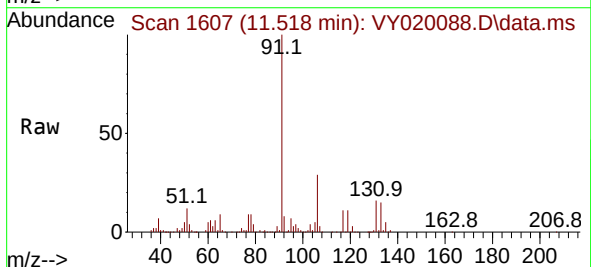
Instrument :
MSVOA_Y
ClientSampleId :

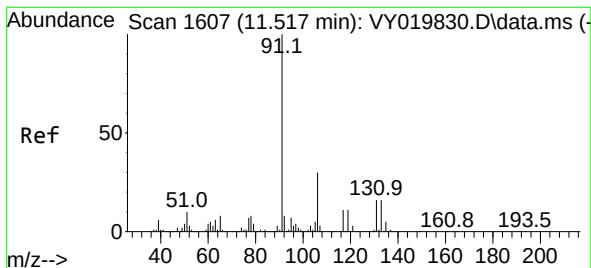
Tgt Ion:112 Resp: 183247
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.607 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion:131 Resp: 58146
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.3
119 67.6 34.1 102.2





#67

Ethyl Benzene

Concen: 20.566 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

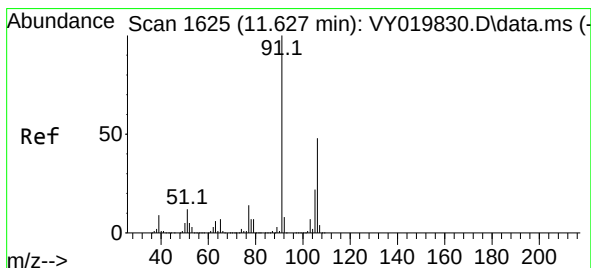
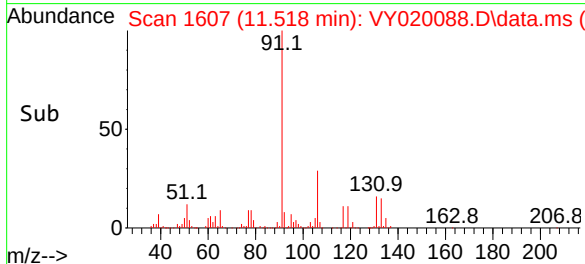
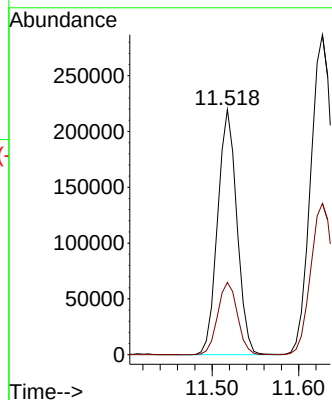
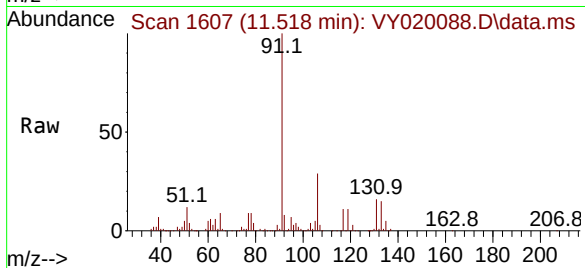
ClientSampleId :

Tgt Ion: 91 Resp: 339521

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7



#68

m/p-Xylenes

Concen: 41.150 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020088.D

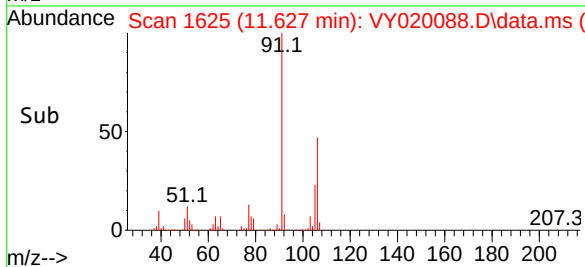
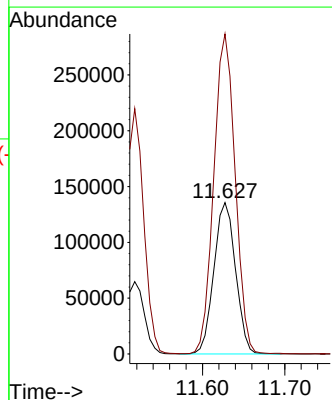
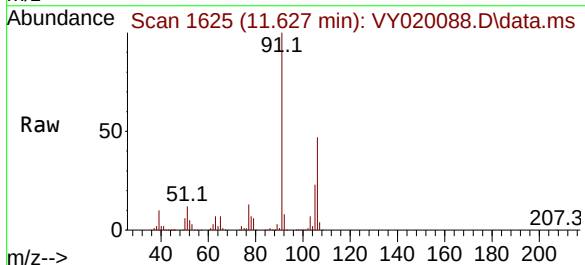
Acq: 31 Oct 2024 12:43

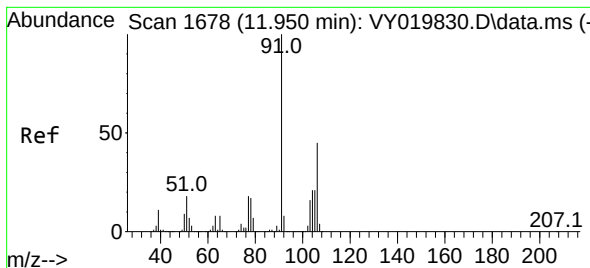
Tgt Ion:106 Resp: 248547

Ion Ratio Lower Upper

106 100

91 208.8 156.0 234.0





#69

o-Xylene

Concen: 20.483 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

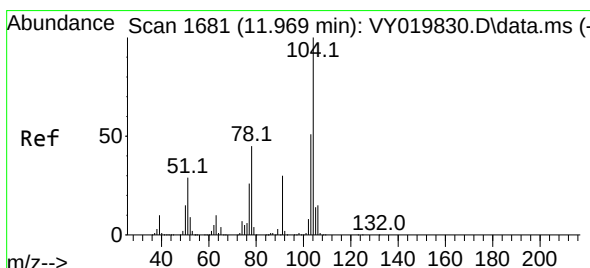
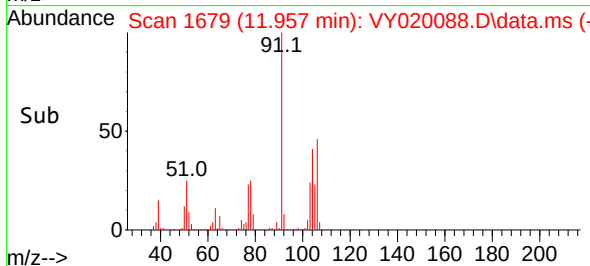
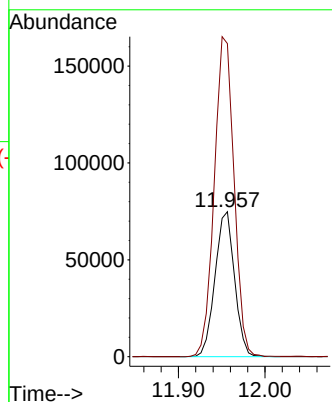
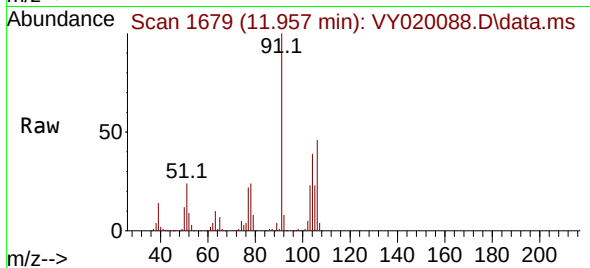
ClientSampleId :

Tgt Ion:106 Resp: 117130

Ion Ratio Lower Upper

106 100

91 223.8 103.6 310.8



#70

Styrene

Concen: 20.872 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

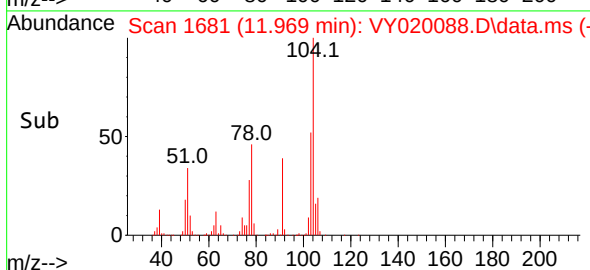
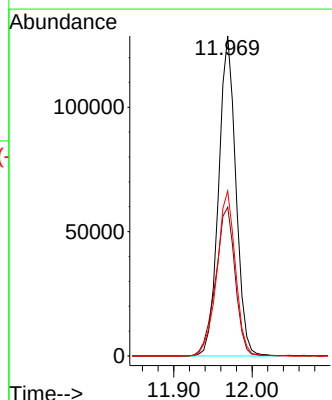
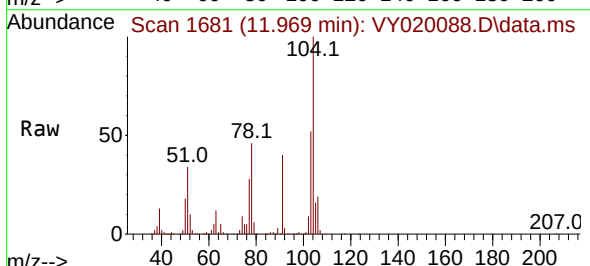
Tgt Ion:104 Resp: 197351

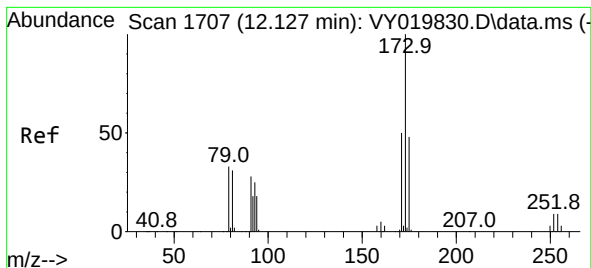
Ion Ratio Lower Upper

104 100

78 52.5 37.0 55.4

103 55.3 44.2 66.2





#71

Bromoform

Concen: 20.742 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020088.D

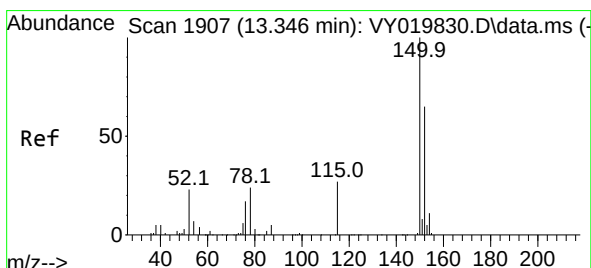
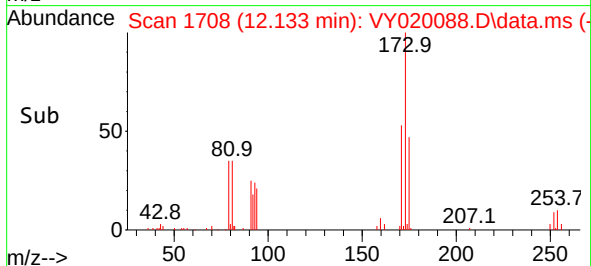
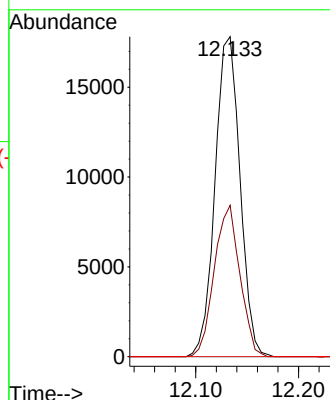
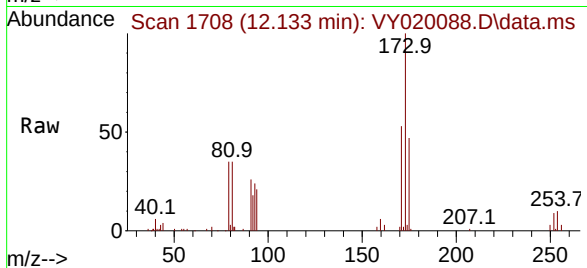
Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	30024
Ion Ratio	Lower	Upper
173	100	
175	48.5	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

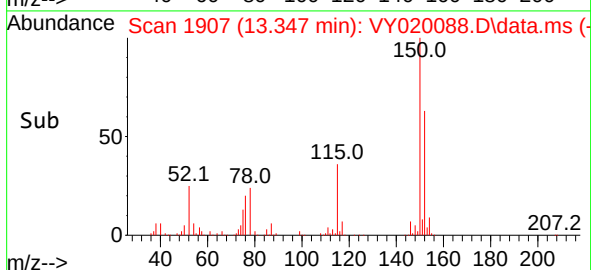
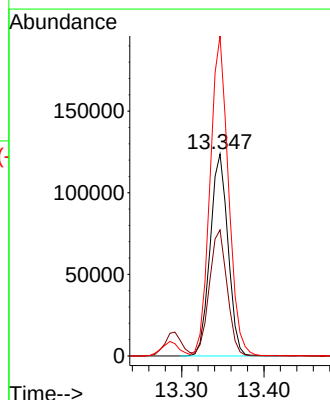
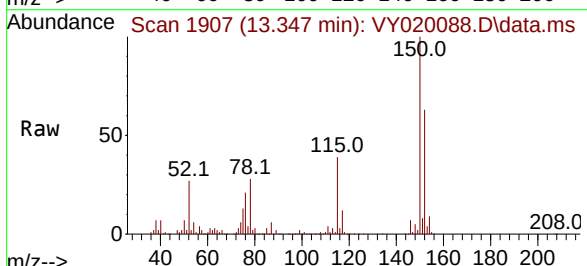
RT: 13.347 min Scan# 1907

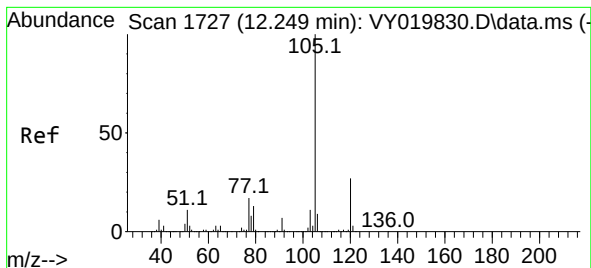
Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Tgt Ion:152	Resp:	186835
Ion Ratio	Lower	Upper
152	100	
115	62.1	28.2 84.7
150	163.1	0.0 345.6





#73

Isopropylbenzene

Concen: 21.020 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

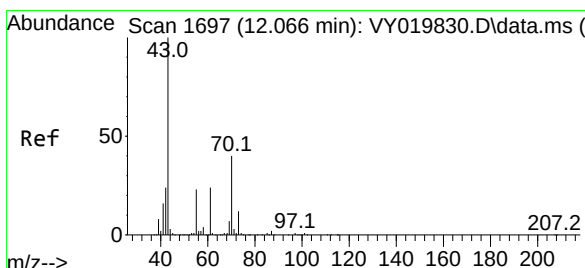
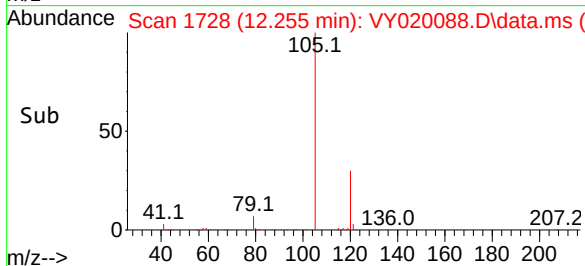
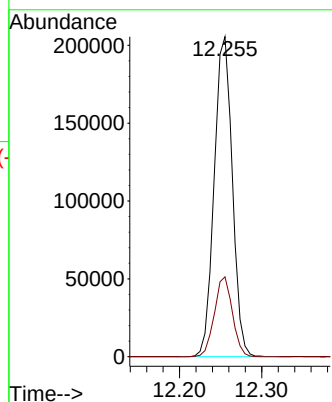
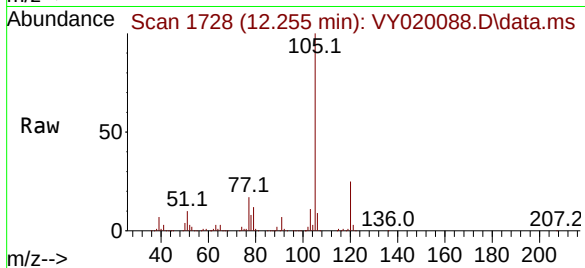
ClientSampleId :

Tgt Ion:105 Resp: 313732

Ion Ratio Lower Upper

105 100

120 24.8 13.4 40.1



#74

N-ethyl acetate

Concen: 20.985 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Tgt Ion: 43 Resp: 78294

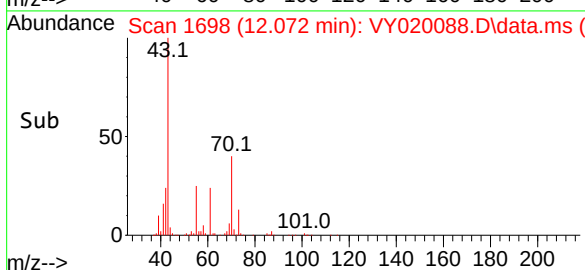
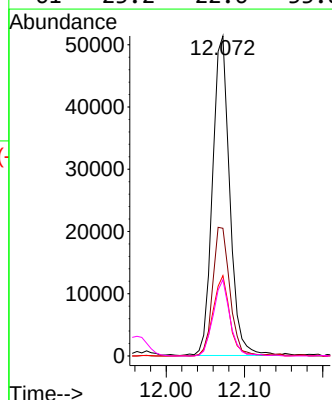
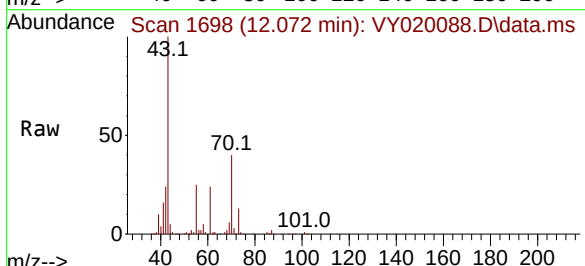
Ion Ratio Lower Upper

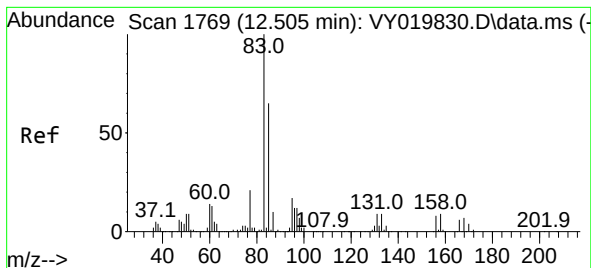
43 100

70 40.1 41.4 62.2#

55 24.8 23.3 34.9

61 23.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.786 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

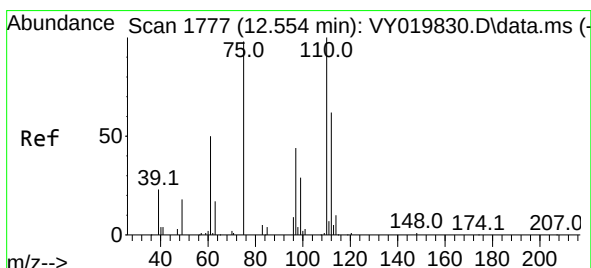
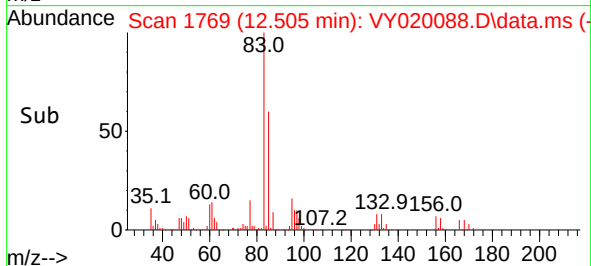
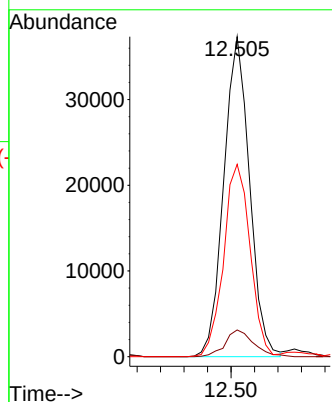
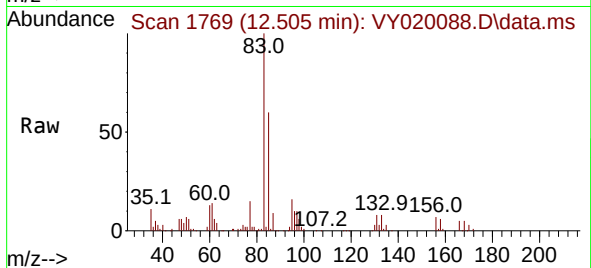
Tgt Ion: 83 Resp: 56868

Ion Ratio Lower Upper

83 100

131 9.2 5.0 14.9

85 62.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 41.221 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020088.D

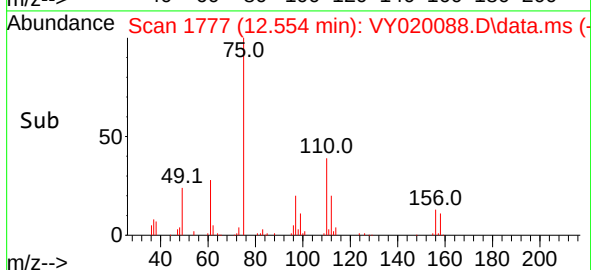
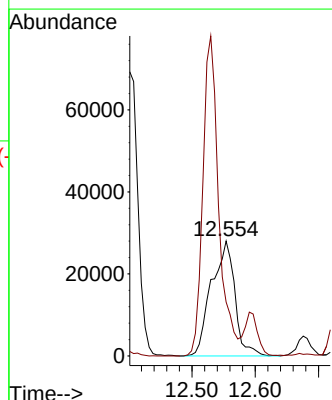
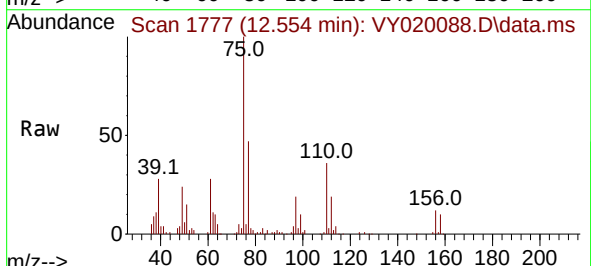
Acq: 31 Oct 2024 12:43

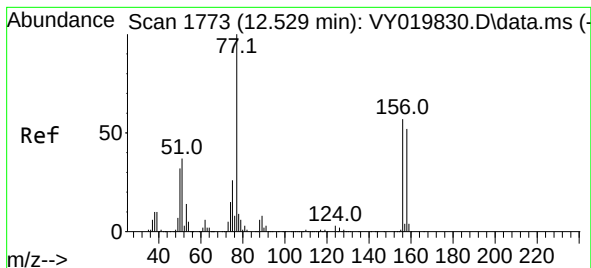
Tgt Ion: 75 Resp: 72194

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.330 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

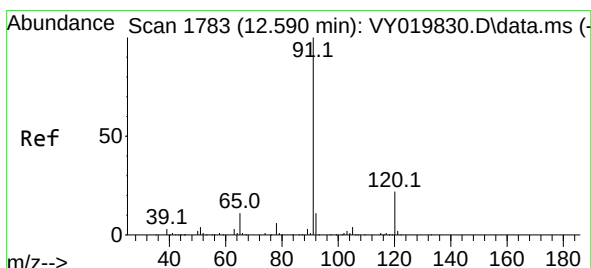
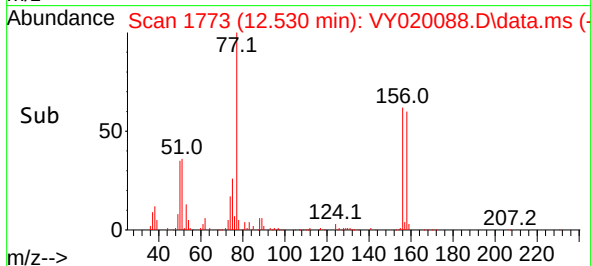
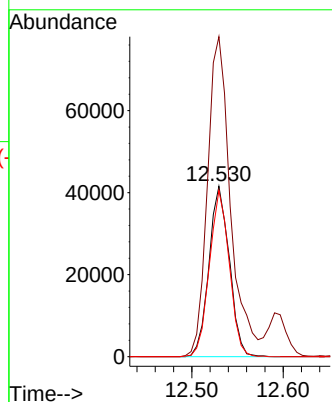
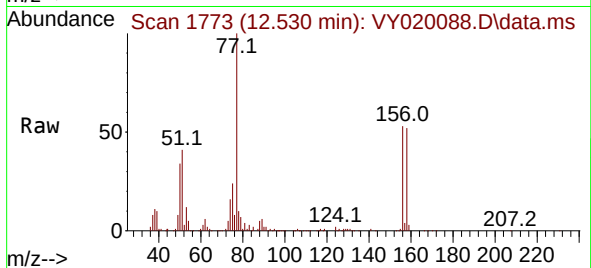
Tgt Ion:156 Resp: 64386

Ion Ratio Lower Upper

156 100

77 211.6 87.1 261.3

158 95.0 48.6 145.9



#78

n-propylbenzene

Concen: 21.050 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY020088.D

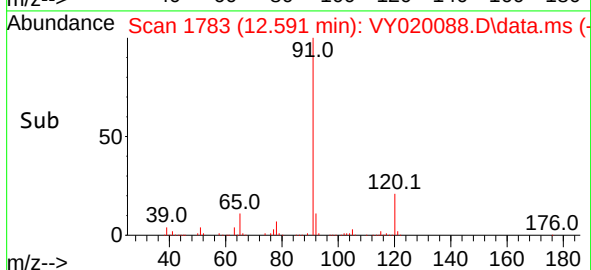
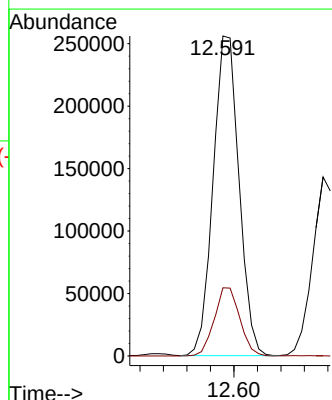
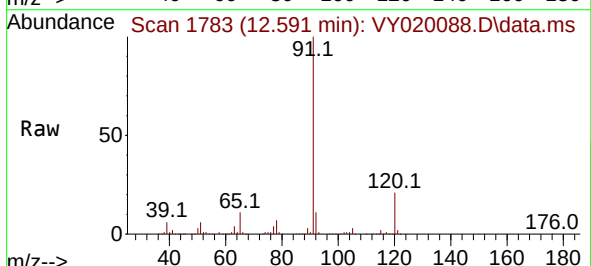
Acq: 31 Oct 2024 12:43

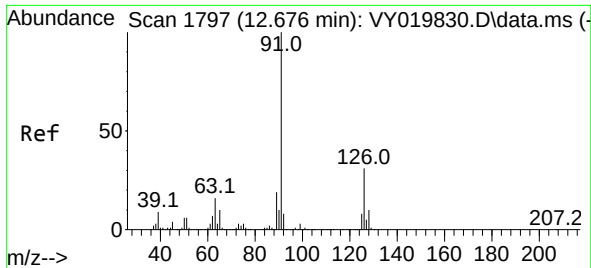
Tgt Ion: 91 Resp: 391006

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4

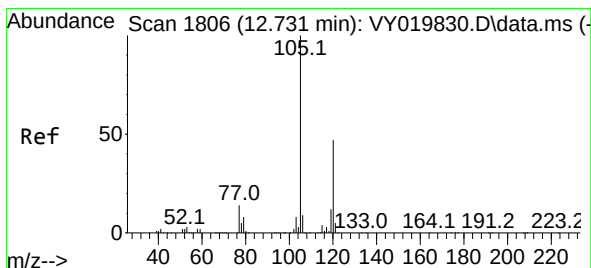
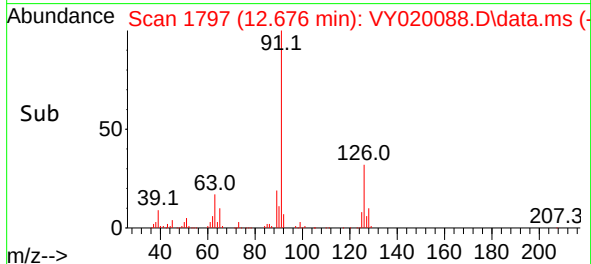
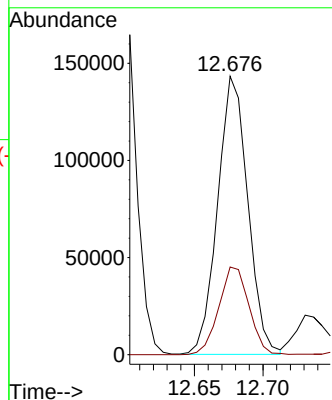
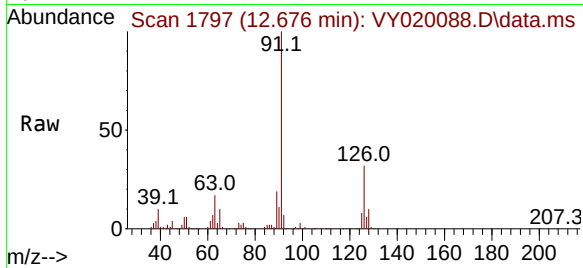




#79
2-Chlorotoluene
Concen: 21.287 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

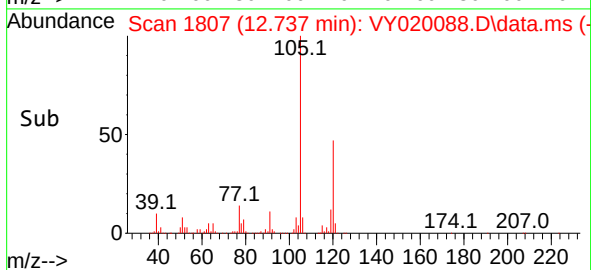
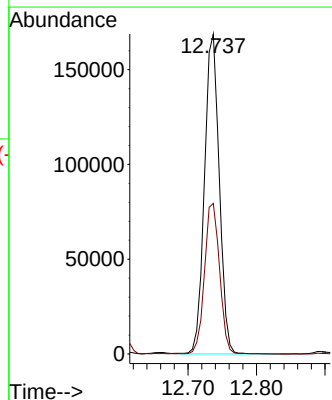
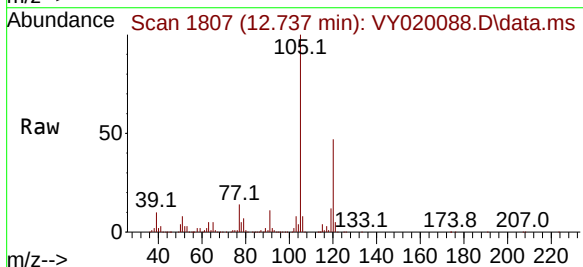
Instrument :
MSVOA_Y
ClientSampleId :

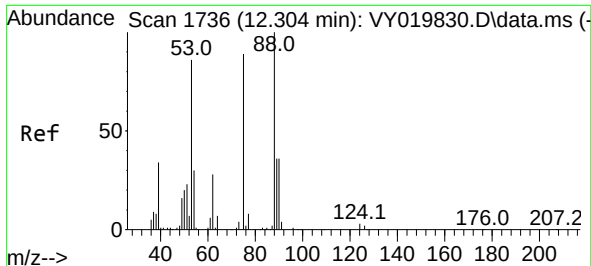
Tgt Ion: 91 Resp: 219486
Ion Ratio Lower Upper
91 100
126 31.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.194 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

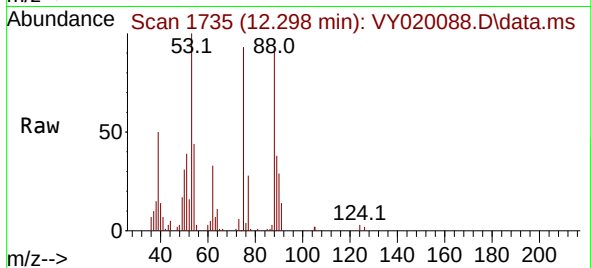
Tgt Ion: 105 Resp: 253960
Ion Ratio Lower Upper
105 100
120 47.9 25.1 75.2



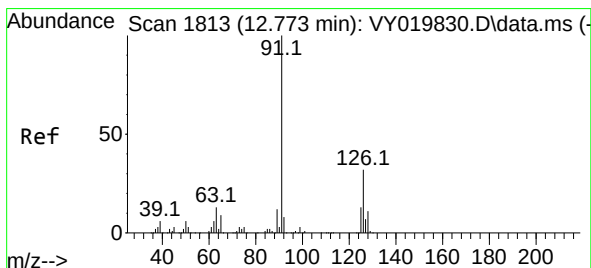
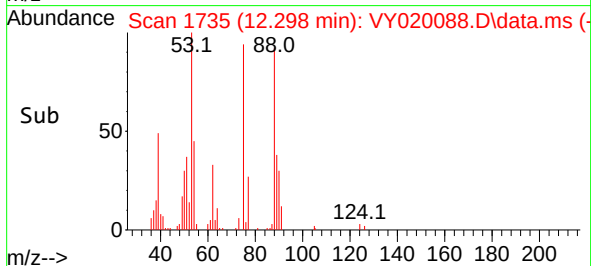
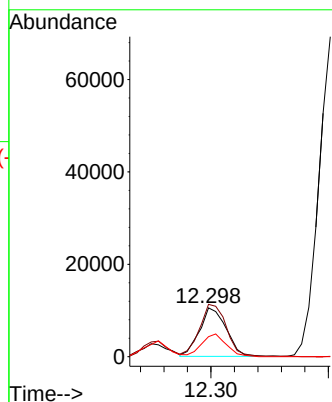


#81
trans-1,4-Dichloro-2-butene
Concen: 20.312 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

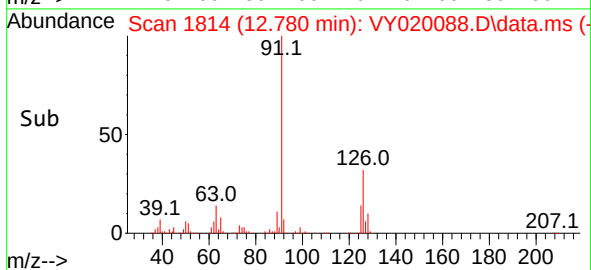
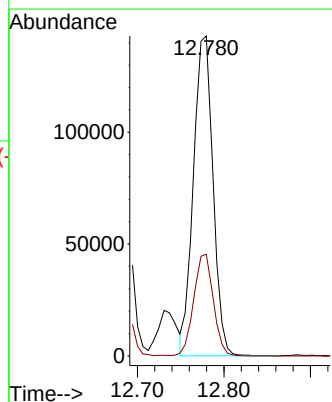
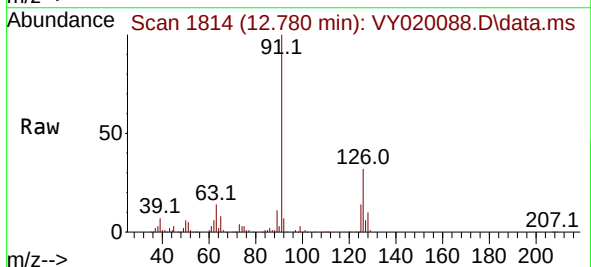


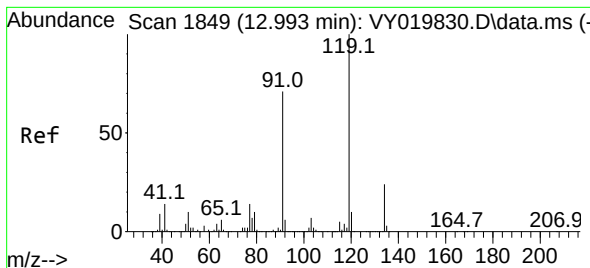
Tgt Ion: 75 Resp: 16539
Ion Ratio Lower Upper
75 100
53 109.8 66.8 100.2#
89 42.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.366 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 91 Resp: 224627
Ion Ratio Lower Upper
91 100
126 31.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.491 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

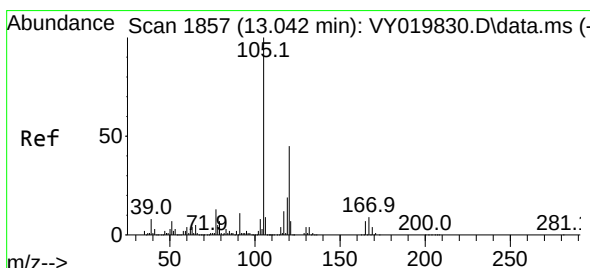
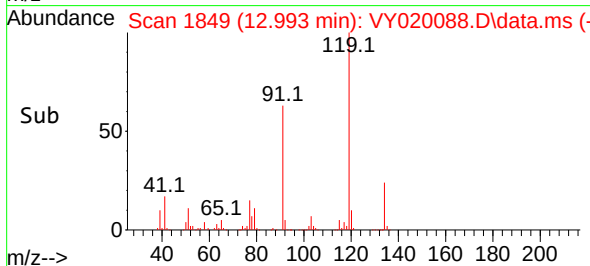
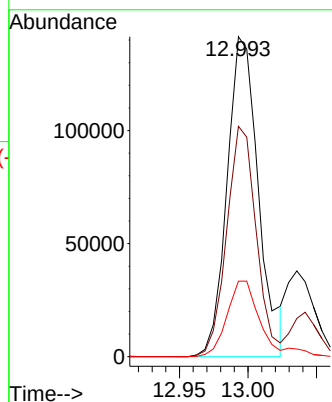
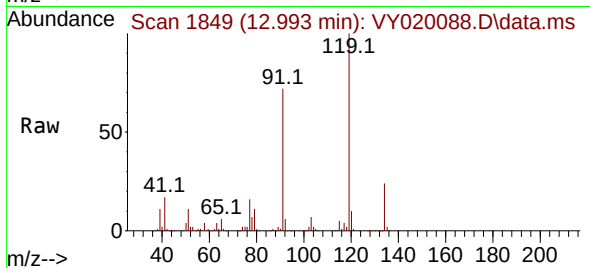
Tgt Ion:119 Resp: 225183

Ion Ratio Lower Upper

119 100

91 68.1 31.3 93.8

134 25.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.359 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020088.D

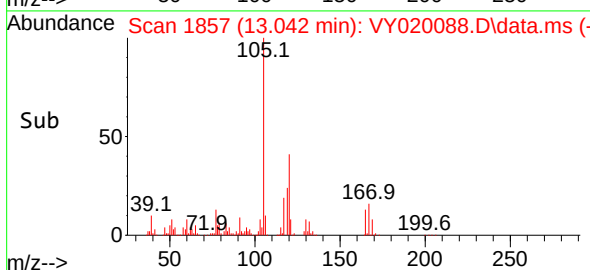
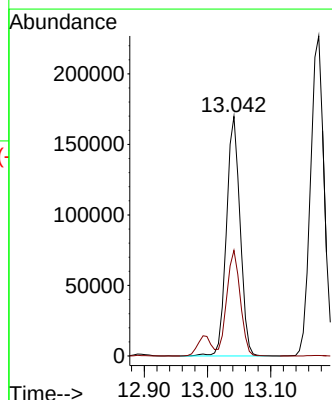
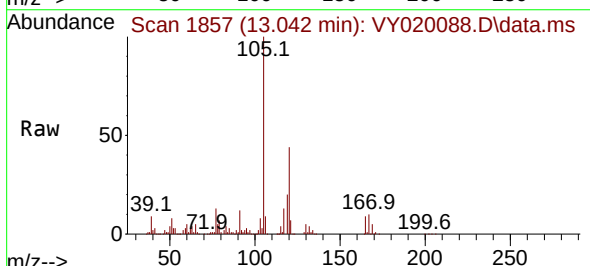
Acq: 31 Oct 2024 12:43

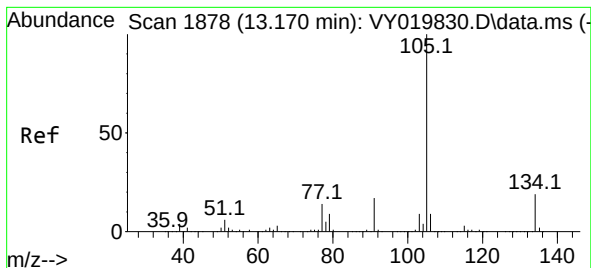
Tgt Ion:105 Resp: 253501

Ion Ratio Lower Upper

105 100

120 43.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.857 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

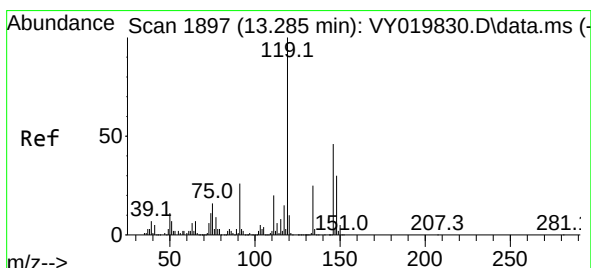
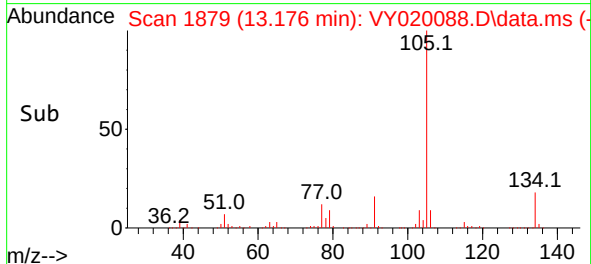
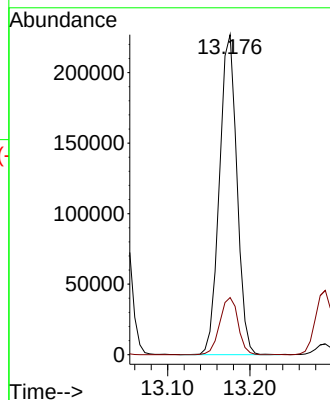
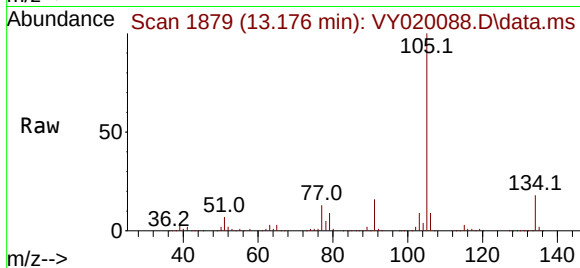
ClientSampleId :

Tgt Ion:105 Resp: 335484

Ion Ratio Lower Upper

105 100

134 18.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.689 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

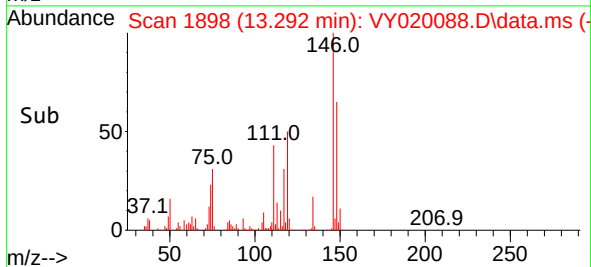
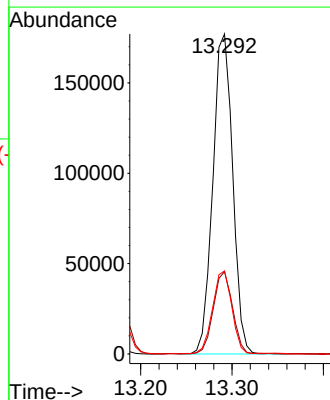
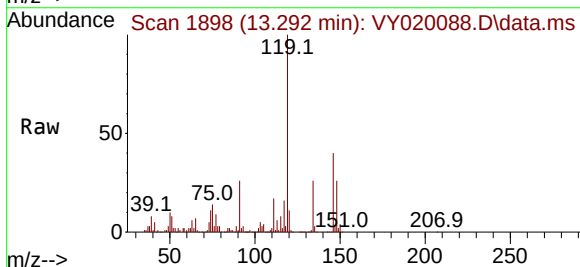
Tgt Ion:119 Resp: 267045

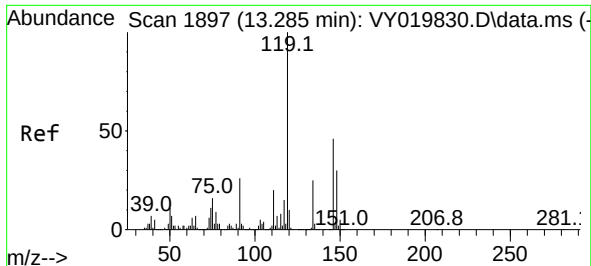
Ion Ratio Lower Upper

119 100

134 24.9 13.1 39.3

91 25.2 10.7 32.1

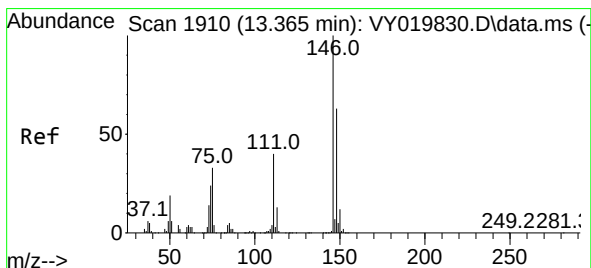
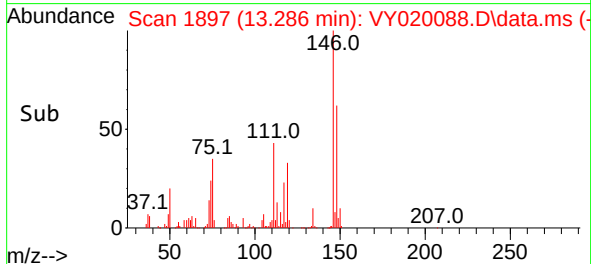
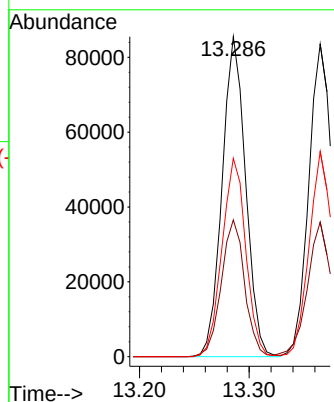
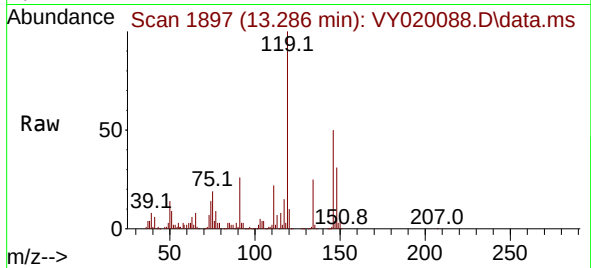




#87
 1,3-Dichlorobenzene
 Concen: 20.791 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY020088.D
 Acq: 31 Oct 2024 12:43

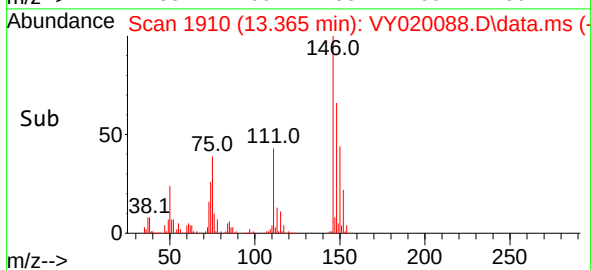
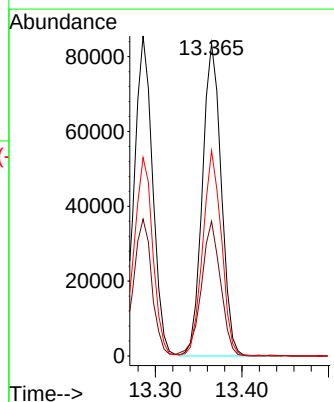
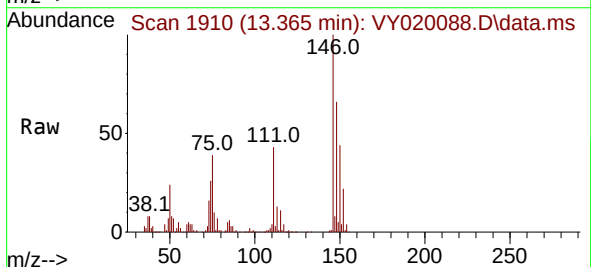
Instrument :
 MSVOA_Y
 ClientSampleId :

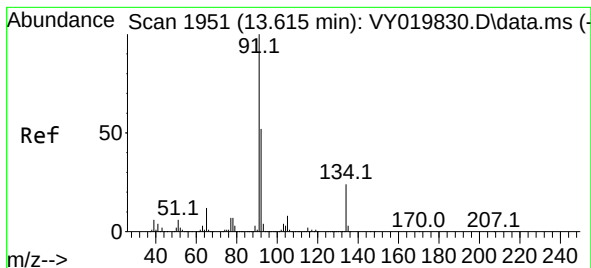
Tgt Ion:146 Resp: 127491
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.0 57.0
 148 62.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.695 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY020088.D
 Acq: 31 Oct 2024 12:43

Tgt Ion:146 Resp: 126375
 Ion Ratio Lower Upper
 146 100
 111 43.8 18.4 55.4
 148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 20.387 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

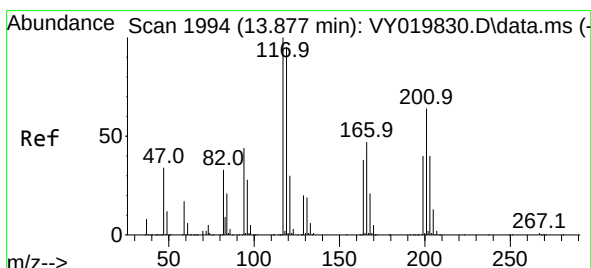
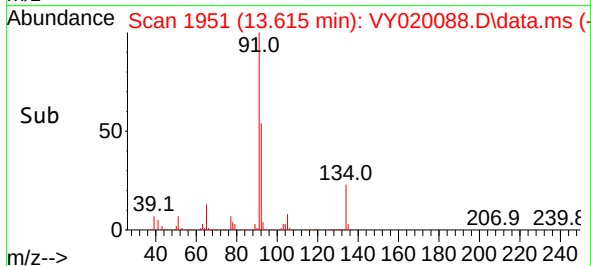
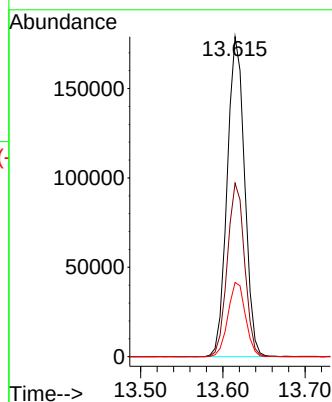
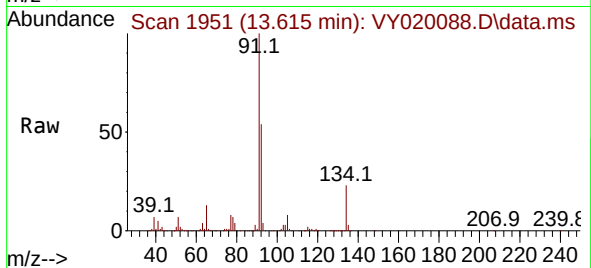
Tgt Ion: 91 Resp: 263792

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 23.5 12.9 38.7



#90

Hexachloroethane

Concen: 20.228 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY020088.D

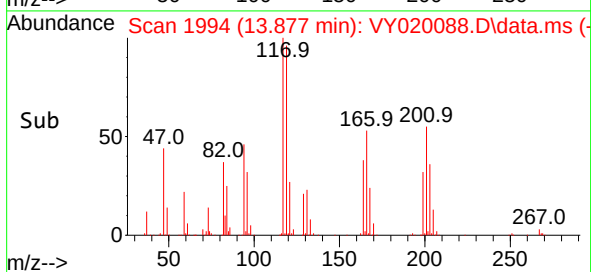
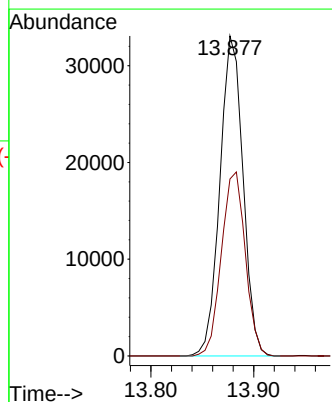
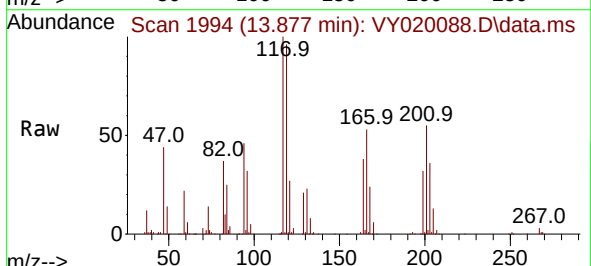
Acq: 31 Oct 2024 12:43

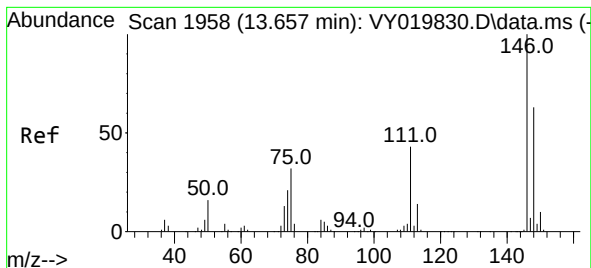
Tgt Ion: 117 Resp: 51637

Ion Ratio Lower Upper

117 100

201 59.5 37.4 112.2

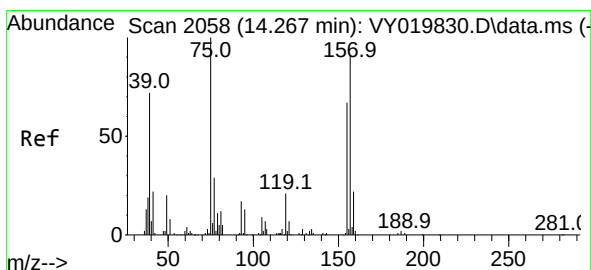
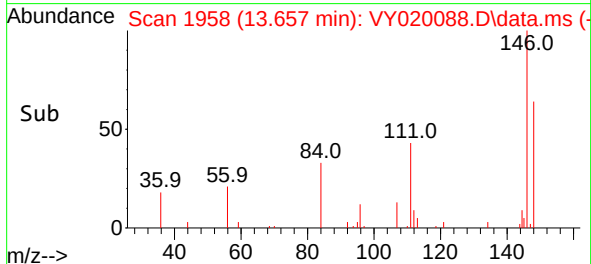
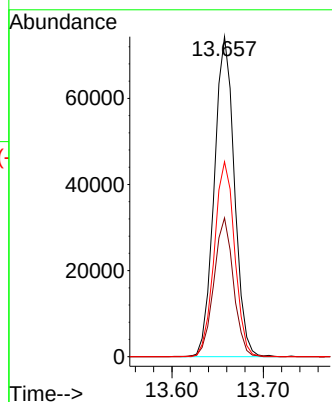
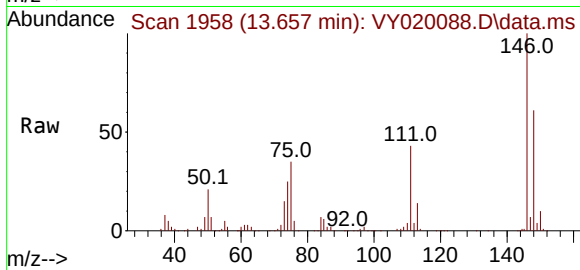




#91
1,2-Dichlorobenzene
Concen: 21.365 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

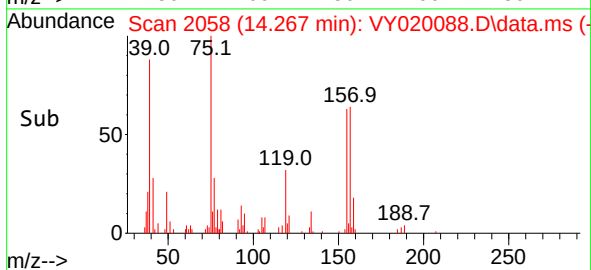
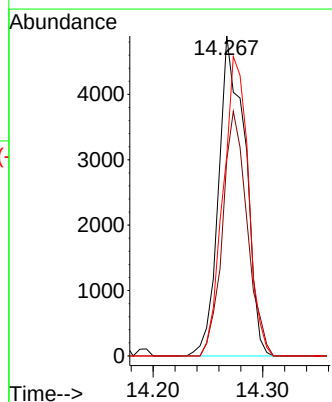
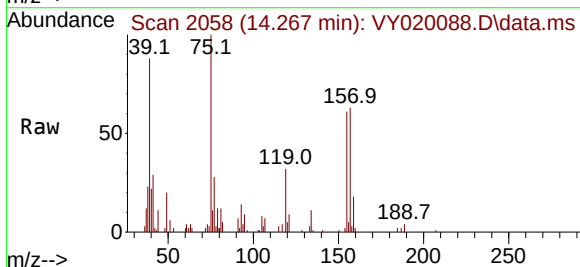
Instrument :
MSVOA_Y
ClientSampleId :

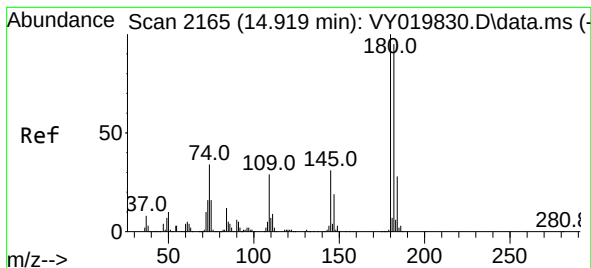
Tgt Ion:146 Resp: 113878
Ion Ratio Lower Upper
146 100
111 42.2 19.9 59.7
148 61.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.636 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY020088.D
Acq: 31 Oct 2024 12:43

Tgt Ion: 75 Resp: 8169
Ion Ratio Lower Upper
75 100
155 71.4 48.6 145.8
157 89.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.697 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

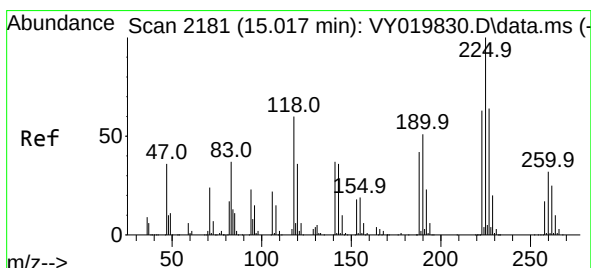
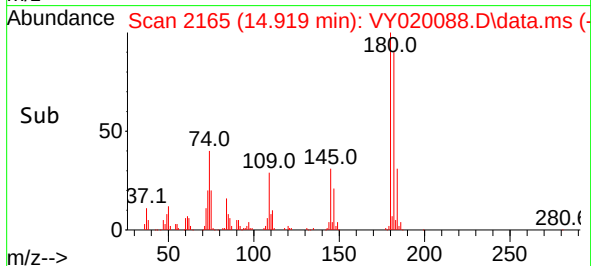
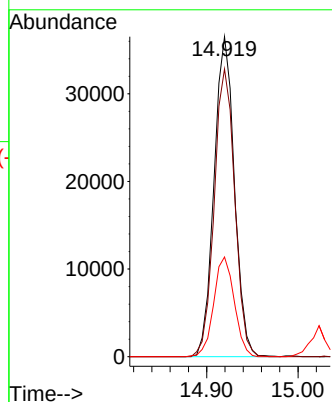
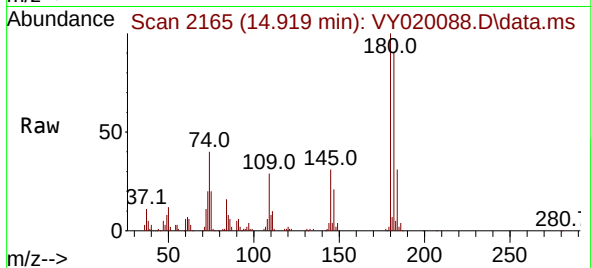
Tgt Ion:180 Resp: 56399

Ion Ratio Lower Upper

180 100

182 90.7 47.9 143.8

145 31.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.383 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

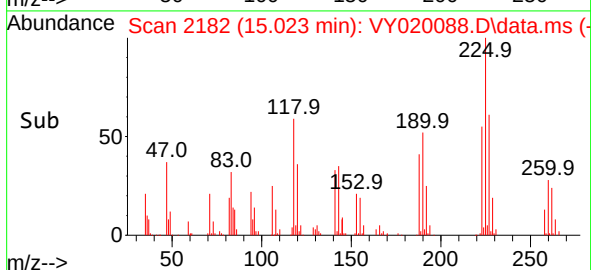
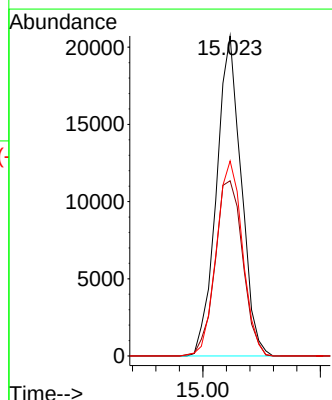
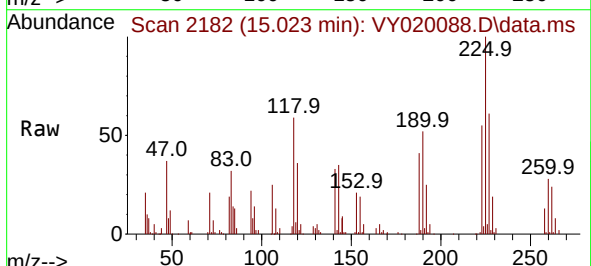
Tgt Ion:225 Resp: 30349

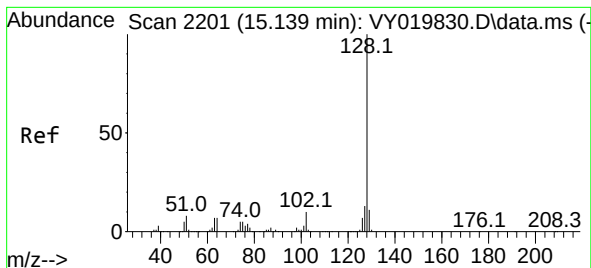
Ion Ratio Lower Upper

225 100

223 61.1 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 19.743 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

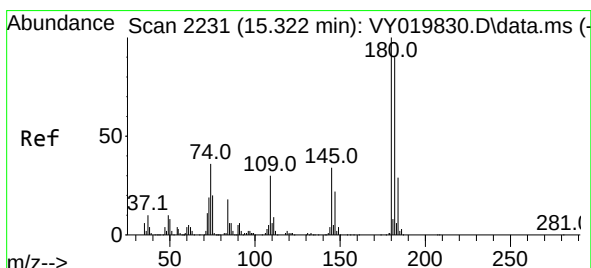
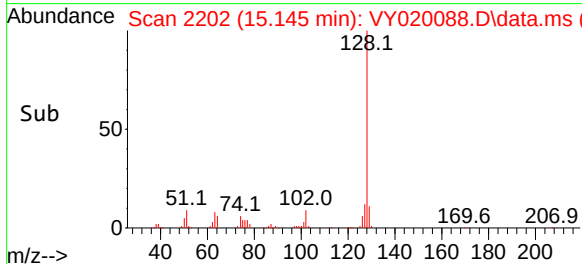
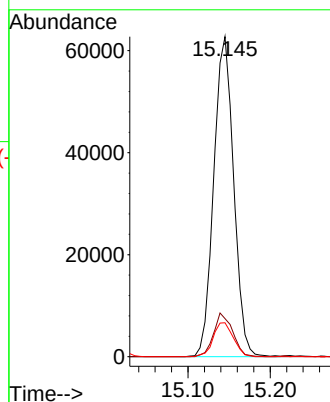
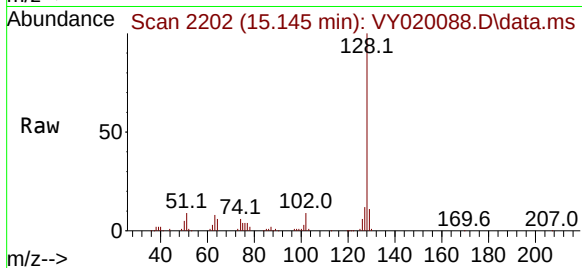
Tgt Ion:128 Resp: 105671

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.067 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020088.D

Acq: 31 Oct 2024 12:43

Tgt Ion:180 Resp: 46343

Ion Ratio Lower Upper

180 100

182 97.5 47.6 142.9

145 33.7 15.4 46.1

