

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019924.D
 Acq On : 17 Oct 2024 12:08
 Operator : SY/MD
 Sample : VY1017SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 01:38:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	254579	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	447317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	386309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	187162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	154805	49.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.640	113	144091	48.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.109	98	527669	48.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.408	95	190584	48.387	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.780%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	42536	17.948	ug/l	98
3) Chloromethane	2.074	50	58786	19.058	ug/l	100
4) Vinyl Chloride	2.214	62	65032	19.159	ug/l	99
5) Bromomethane	2.598	94	43688	20.335	ug/l	94
6) Chloroethane	2.745	64	46344	20.324	ug/l	99
7) Trichlorofluoromethane	3.068	101	99261	19.653	ug/l	98
8) Diethyl Ether	3.458	74	29028	18.911	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.824	101	59459	20.239	ug/l	90
10) Methyl Iodide	4.013	142	50956	17.150	ug/l	# 89
11) Tert butyl alcohol	4.878	59	26144	91.843	ug/l	98
12) 1,1-Dichloroethene	3.805	96	52095	19.075	ug/l	86
13) Acrolein	3.659	56	22631	98.254	ug/l	95
14) Allyl chloride	4.397	41	97195	19.724	ug/l	# 89
15) Acrylonitrile	5.074	53	71258	101.493	ug/l	96
16) Acetone	3.879	43	92405	113.243	ug/l	# 82
17) Carbon Disulfide	4.116	76	114259	15.608	ug/l	97
18) Methyl Acetate	4.391	43	33765	19.209	ug/l	# 87
19) Methyl tert-butyl Ether	5.128	73	156008	19.883	ug/l	99
20) Methylene Chloride	4.628	84	65763	21.350	ug/l	# 85
21) trans-1,2-Dichloroethene	5.122	96	57081	19.203	ug/l	92
22) Diisopropyl ether	6.025	45	231122	21.533	ug/l	# 88
23) Vinyl Acetate	5.970	43	629189	102.251	ug/l	# 90
24) 1,1-Dichloroethane	5.927	63	127526	21.373	ug/l	96
25) 2-Butanone	6.902	43	116317	106.495	ug/l	# 80
26) 2,2-Dichloropropane	6.896	77	108333	20.388	ug/l	93
27) cis-1,2-Dichloroethene	6.902	96	73545	20.021	ug/l	82
28) Bromochloromethane	7.250	49	57150	21.762	ug/l	# 71
29) Tetrahydrofuran	7.268	42	63319	101.532	ug/l	# 81
30) Chloroform	7.427	83	132611	21.803	ug/l	99
31) Cyclohexane	7.713	56	98456	18.798	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	111869	20.988	ug/l	# 95
36) 1,1-Dichloropropene	7.841	75	85409	20.084	ug/l	93
37) Ethyl Acetate	6.994	43	44340	19.996	ug/l	98
38) Carbon Tetrachloride	7.823	117	89269	19.581	ug/l	98
39) Methylcyclohexane	9.115	83	97673	18.229	ug/l	92
40) Benzene	8.085	78	260490	20.240	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	21851	18.207	ug/l	90
42) 1,2-Dichloroethane	8.164	62	75973	20.547	ug/l	93
43) Isopropyl Acetate	8.201	43	89971	19.895	ug/l #	80
44) Trichloroethene	8.872	130	60538	19.421	ug/l	88
45) 1,2-Dichloropropane	9.146	63	67415	20.928	ug/l	97
46) Dibromomethane	9.237	93	35283	20.047	ug/l #	86
47) Bromodichloromethane	9.426	83	97296	20.827	ug/l	96
48) Methyl methacrylate	9.225	41	40051	20.134	ug/l #	82
49) 1,4-Dioxane	9.237	88	7756	393.739	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	238354	103.333	ug/l	89
52) Toluene	10.176	92	162273	20.199	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	82002	19.509	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	98641	19.889	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	47958	20.682	ug/l	94
56) Ethyl methacrylate	10.444	69	65518	19.691	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	83416	20.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	163050	105.266	ug/l	93
59) 2-Hexanone	10.762	43	174525	105.934	ug/l	85
60) Dibromochloromethane	10.914	129	58726	19.732	ug/l	99
61) 1,2-Dibromoethane	11.018	107	41749	19.924	ug/l	97
64) Tetrachloroethene	10.646	164	49781	18.117	ug/l	92
65) Chlorobenzene	11.444	112	174292	19.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	61452	20.556	ug/l	97
67) Ethyl Benzene	11.524	91	324237	20.201	ug/l	100
68) m/p-Xylenes	11.633	106	233459	39.384	ug/l	91
69) o-Xylene	11.956	106	114417	20.089	ug/l	92
70) Styrene	11.975	104	190332	19.807	ug/l	95
71) Bromoform	12.133	173	30318	18.945	ug/l #	99
73) Isopropylbenzene	12.255	105	311818	19.807	ug/l	97
74) N-amyl acetate	12.072	43	81305	19.499	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	57810	20.666	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	70565	19.246	ug/l #	100
77) Bromobenzene	12.536	156	64369	19.268	ug/l	84
78) n-propylbenzene	12.597	91	380987	20.028	ug/l	97
79) 2-Chlorotoluene	12.682	91	213565	19.583	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	248962	19.582	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	16690	18.374	ug/l #	80
82) 4-Chlorotoluene	12.779	91	221516	19.866	ug/l	95
83) tert-Butylbenzene	12.999	119	225595	19.807	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	251291	19.936	ug/l	96
85) sec-Butylbenzene	13.176	105	339054	19.925	ug/l	97
86) p-Isopropyltoluene	13.292	119	269955	19.536	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	133438	19.779	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	131192	19.794	ug/l	96
89) n-Butylbenzene	13.621	91	271741	20.140	ug/l	98
90) Hexachloroethane	13.883	117	53010	19.701	ug/l	84
91) 1,2-Dichlorobenzene	13.663	146	114935	19.389	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7897	17.689	ug/l	75
93) 1,2,4-Trichlorobenzene	14.925	180	59987	18.047	ug/l	98
94) Hexachlorobutadiene	15.023	225	34181	18.497	ug/l	99
95) Naphthalene	15.145	128	112876	18.005	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	51561	18.350	ug/l	97

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QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

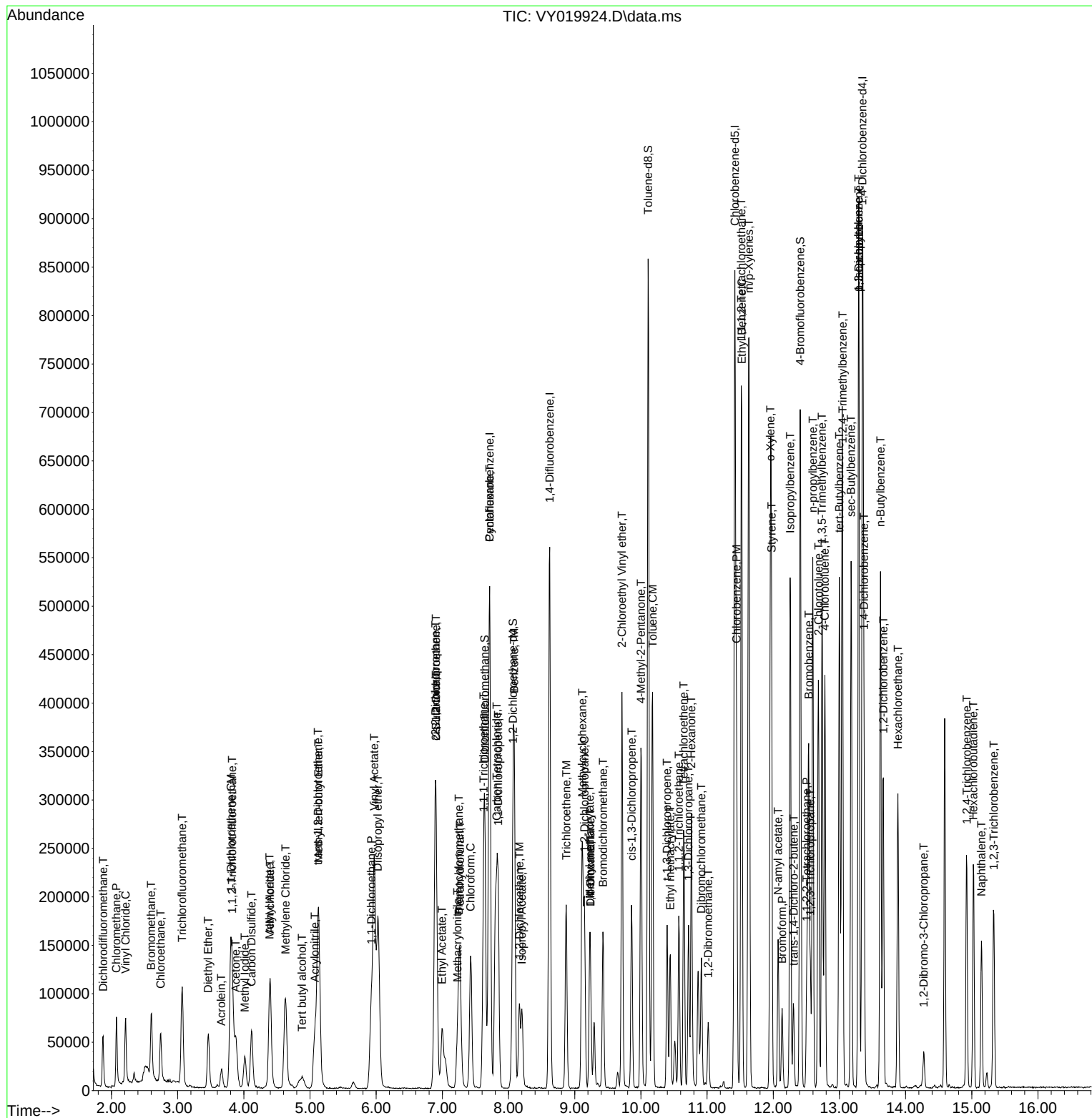
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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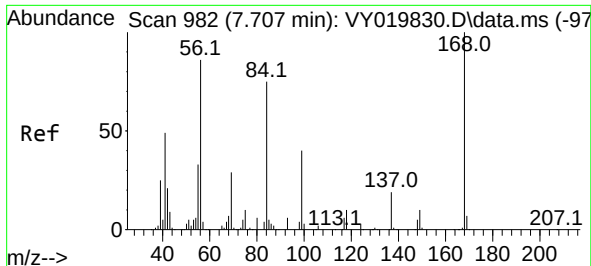
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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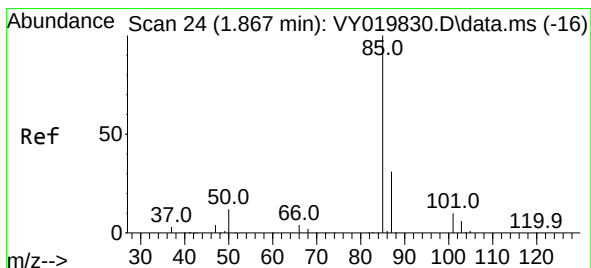
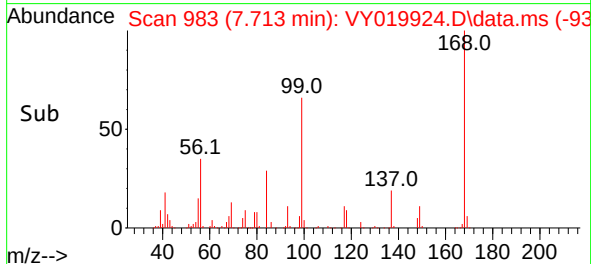
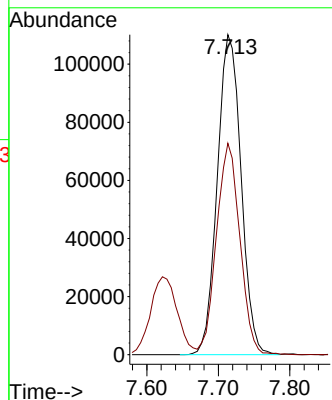
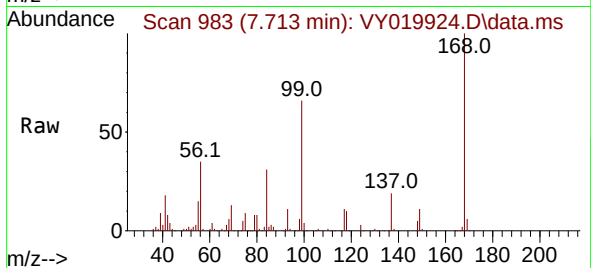




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019924.D
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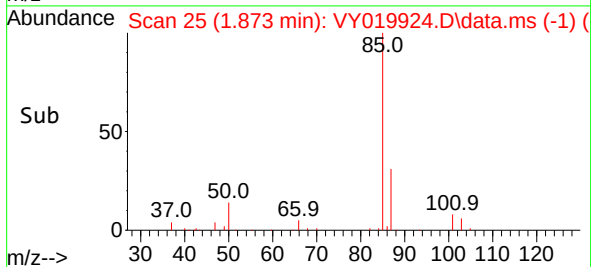
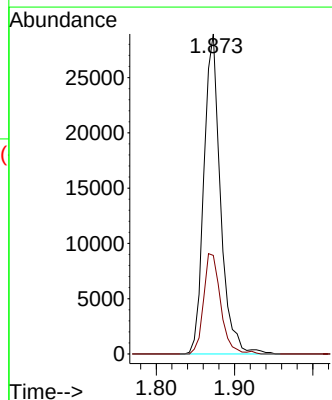
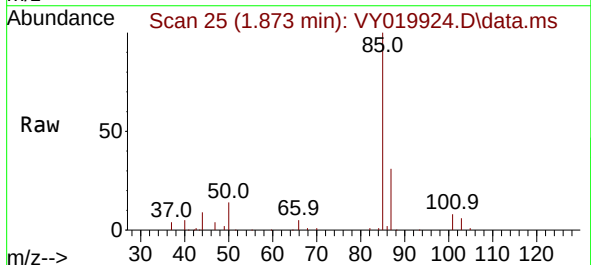
Instrument :
MSVOA_Y
ClientSampleId :

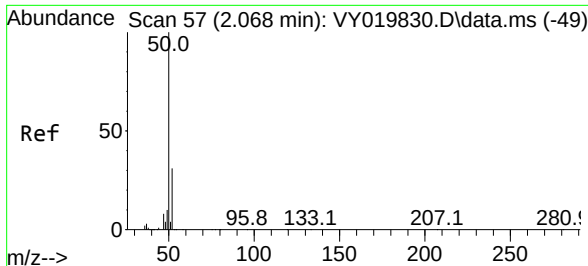
Tgt Ion:168 Resp: 254579
Ion Ratio Lower Upper
168 100
99 65.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 17.948 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 85 Resp: 42536
Ion Ratio Lower Upper
85 100
87 30.8 16.0 48.0

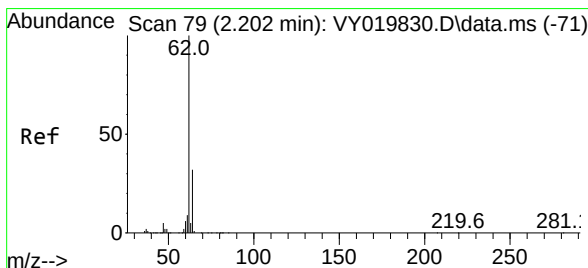
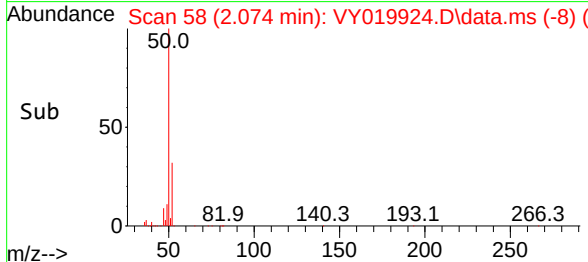
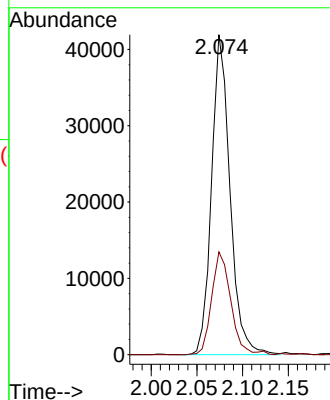
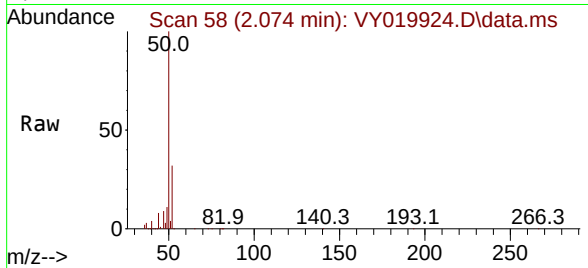




#3
Chloromethane
Concen: 19.058 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

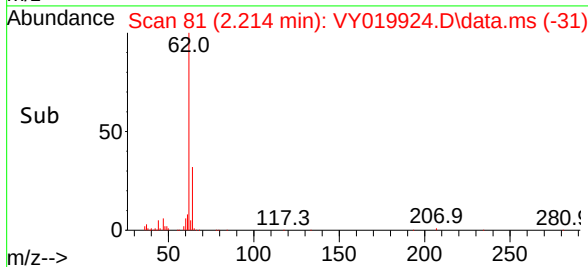
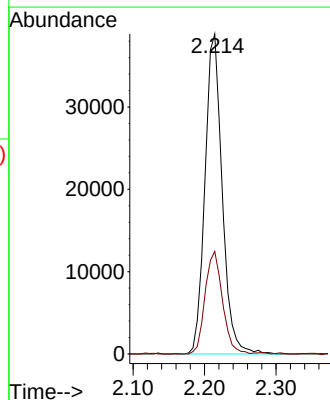
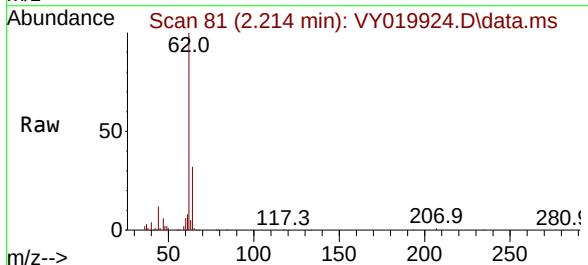
Instrument :
MSVOA_Y
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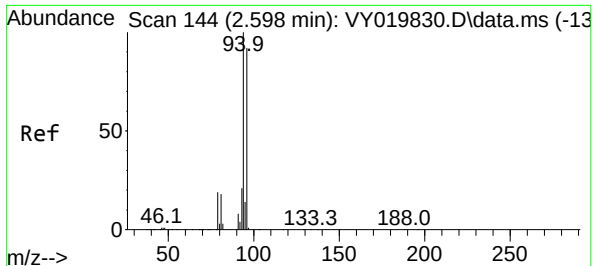
Tgt Ion: 50 Resp: 58786
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 19.159 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 62 Resp: 65032
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

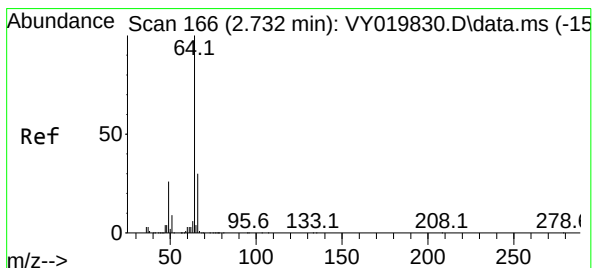
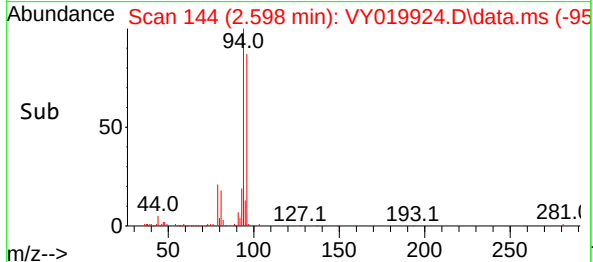
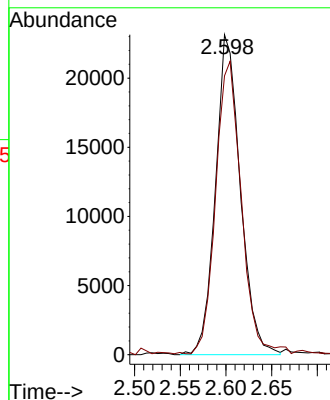
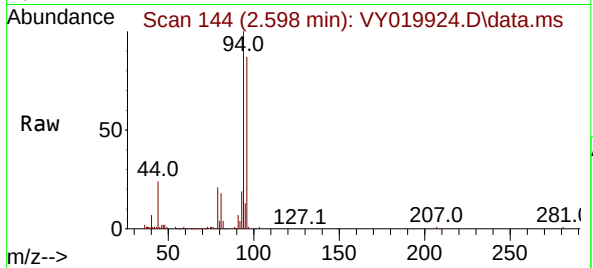




#5
Bromomethane
Concen: 20.335 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

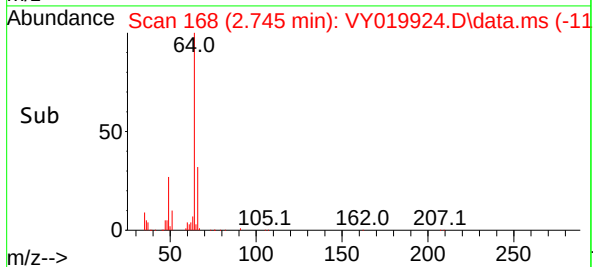
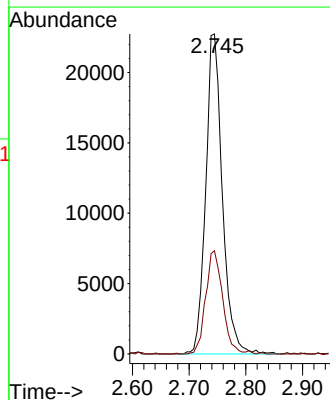
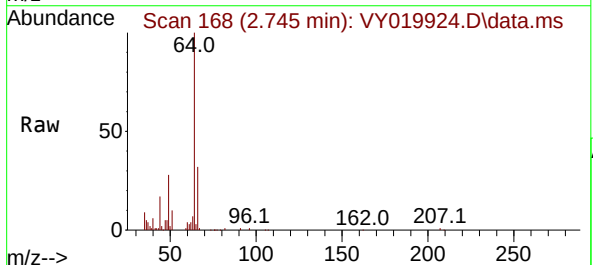
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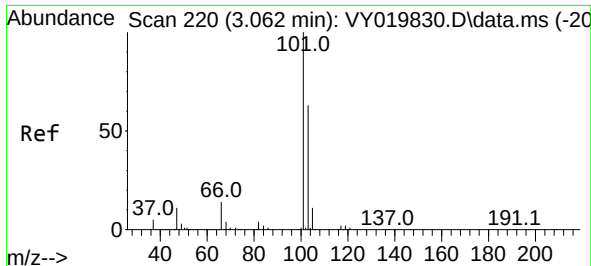
Tgt Ion: 94 Resp: 43688
Ion Ratio Lower Upper
94 100
96 86.4 74.1 111.1



#6
Chloroethane
Concen: 20.324 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 64 Resp: 46344
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

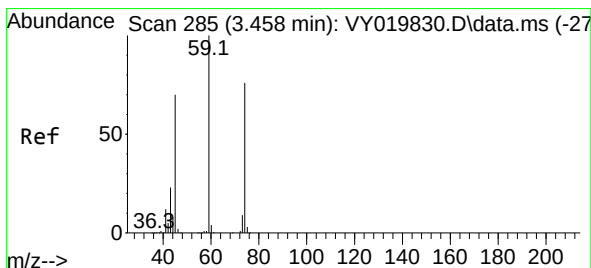
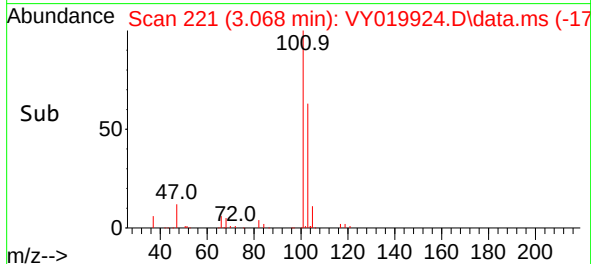
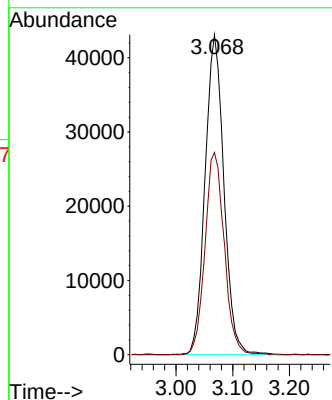
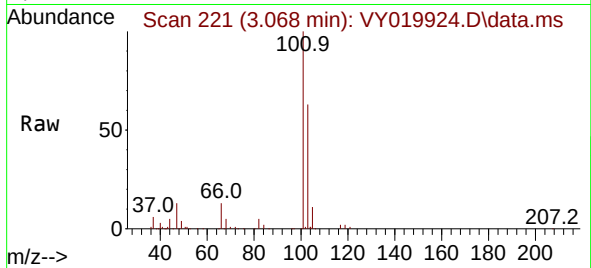




#7
 Trichlorofluoromethane
 Concen: 19.653 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY019924.D
 Acq: 17 Oct 2024 12:08

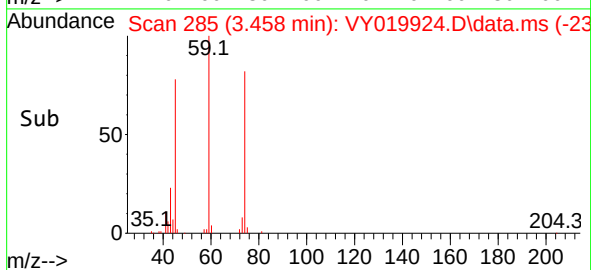
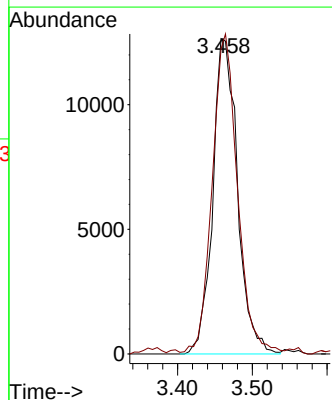
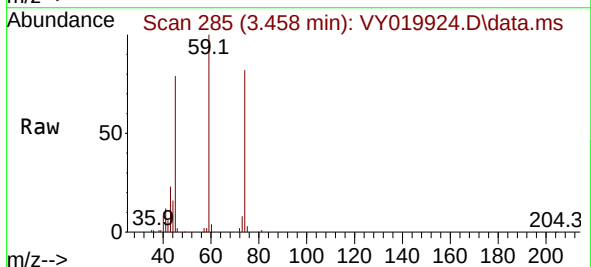
Instrument :
 MSVOA_Y
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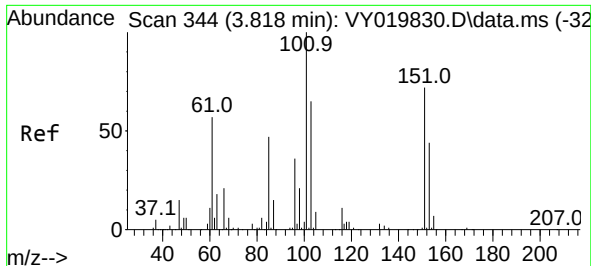
Tgt Ion:101 Resp: 99261
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.911 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 29028
 Ion Ratio Lower Upper
 74 100
 45 102.6 41.3 124.1

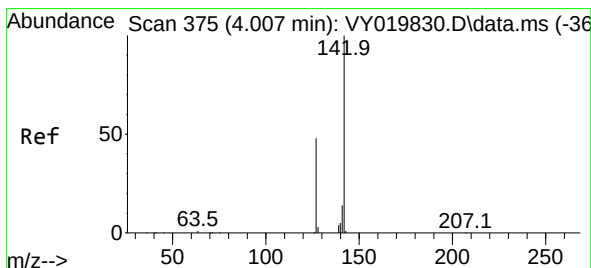
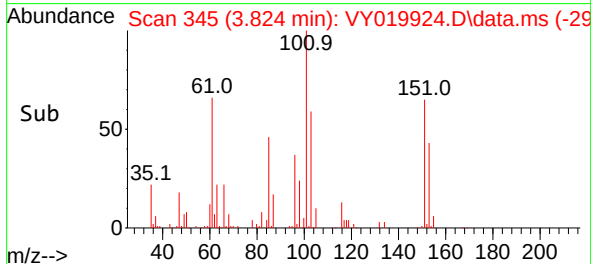
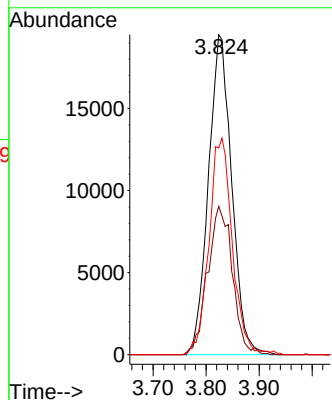
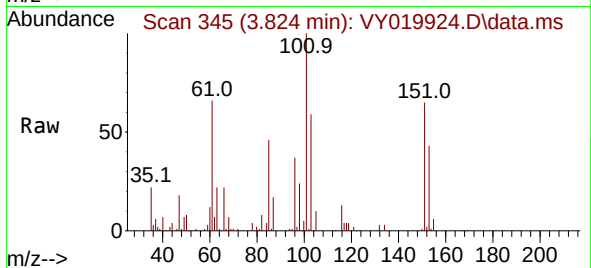




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.239 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

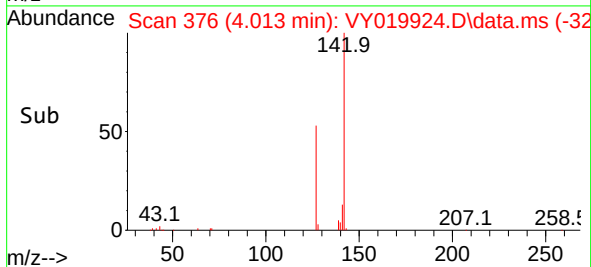
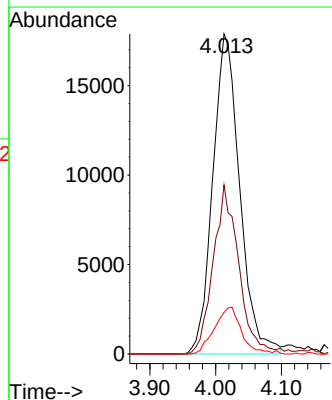
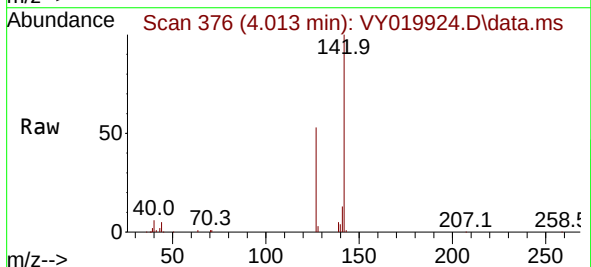
Instrument :
MSVOA_Y
ClientSampleId :

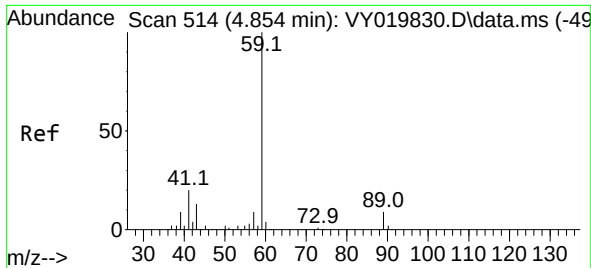
Tgt Ion:101 Resp: 59459
Ion Ratio Lower Upper
101 100
85 49.3 34.5 51.7
151 68.1 61.7 92.5



#10
Methyl Iodide
Concen: 17.150 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion:142 Resp: 50956
Ion Ratio Lower Upper
142 100
127 50.3 32.8 49.2#
141 14.7 11.4 17.2

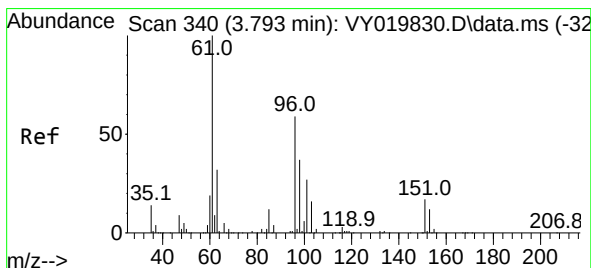
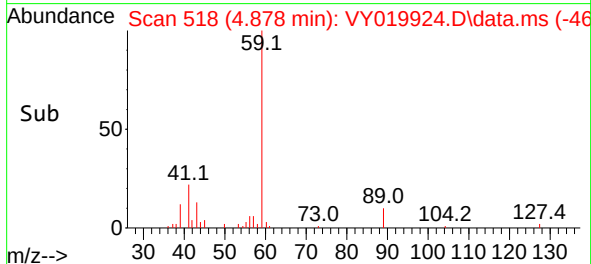
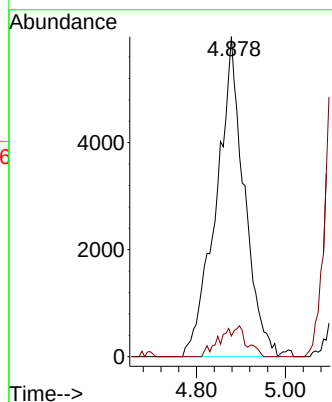
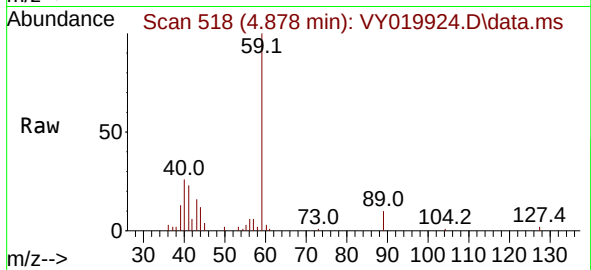




#11
Tert butyl alcohol
Concen: 91.843 ug/l
RT: 4.878 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

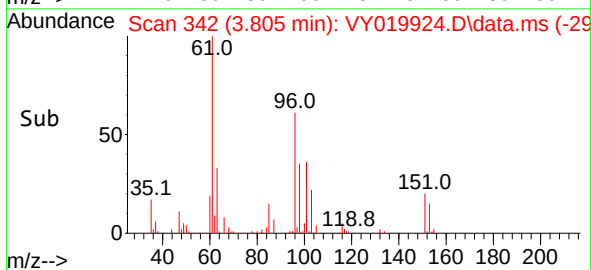
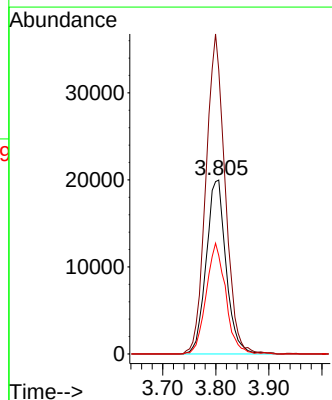
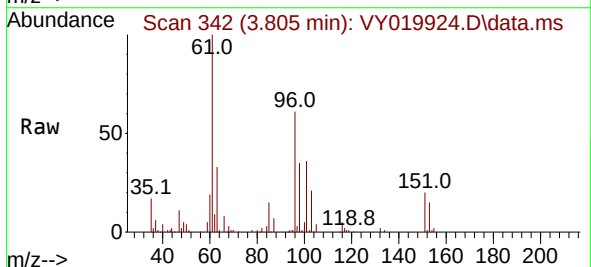
Instrument :
MSVOA_Y
ClientSampleId :

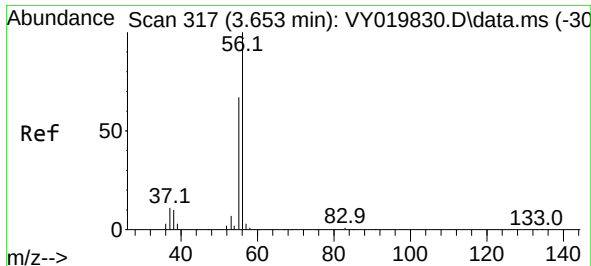
Tgt Ion: 59 Resp: 26144
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.6



#12
1,1-Dichloroethene
Concen: 19.075 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.019 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 96 Resp: 52095
Ion Ratio Lower Upper
96 100
61 163.3 114.6 171.8
98 56.6 50.8 76.2





#13

Acrolein

Concen: 98.254 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

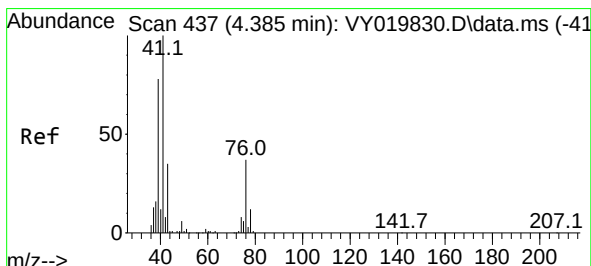
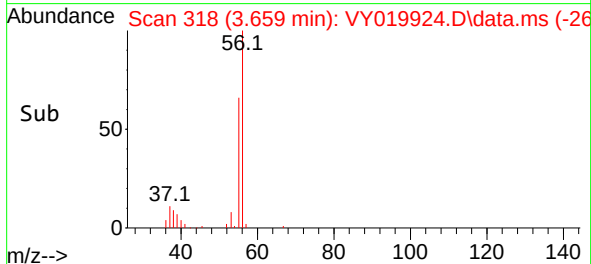
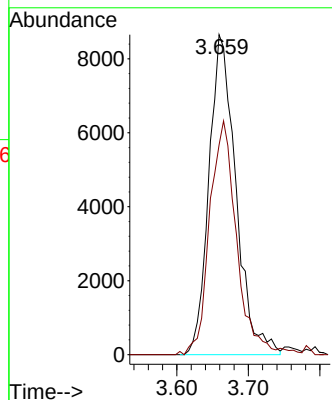
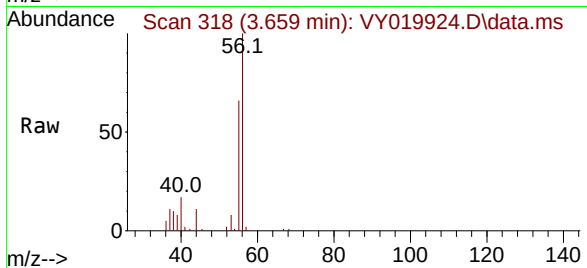
ClientSampleId :

Tgt Ion: 56 Resp: 22631

Ion Ratio Lower Upper

56 100

55 73.3 55.7 83.5



#14

Allyl chloride

Concen: 19.724 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

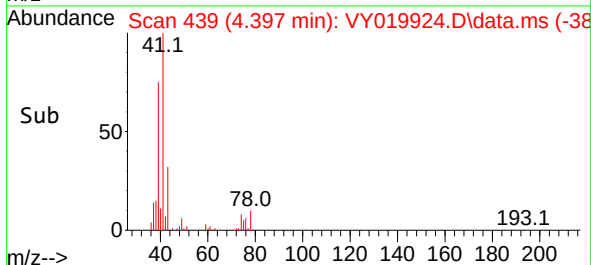
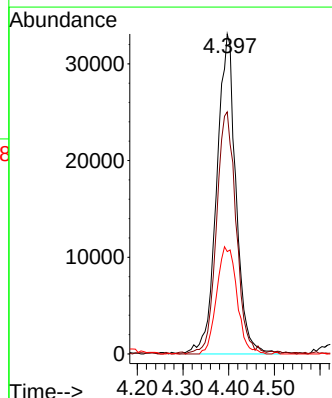
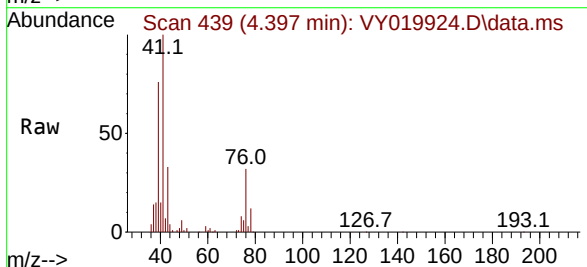
Tgt Ion: 41 Resp: 97195

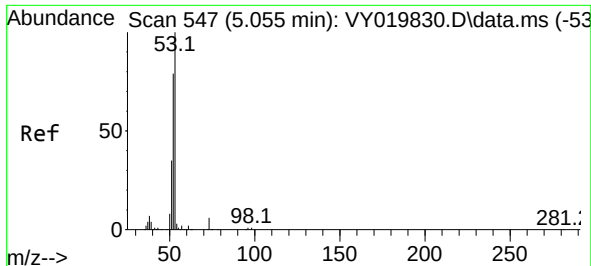
Ion Ratio Lower Upper

41 100

39 76.8 58.3 87.5

76 35.3 39.0 58.6#

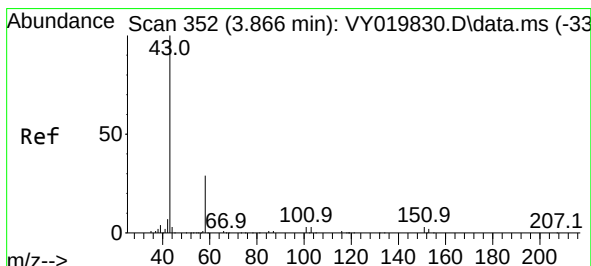
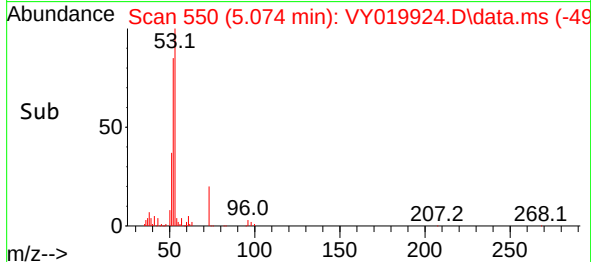
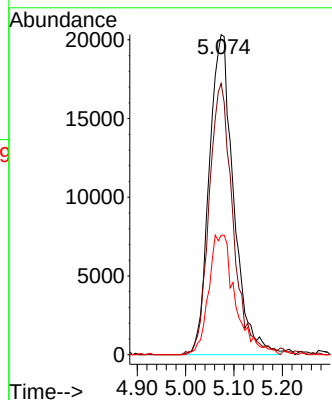
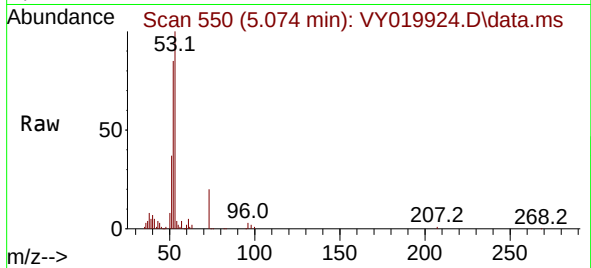




#15
Acrylonitrile
Concen: 101.493 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

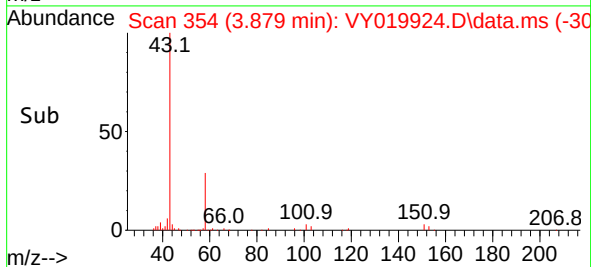
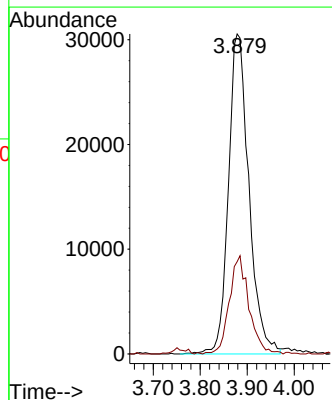
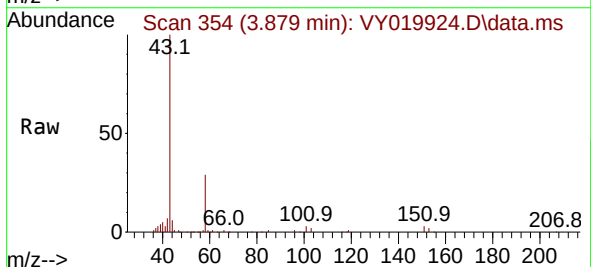
Instrument :
MSVOA_Y
ClientSampleId :

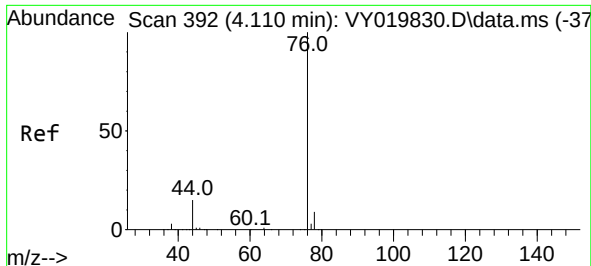
Tgt Ion: 53 Resp: 71258
Ion Ratio Lower Upper
53 100
52 82.8 64.7 97.1
51 40.9 28.4 42.6



#16
Acetone
Concen: 113.243 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 43 Resp: 92405
Ion Ratio Lower Upper
43 100
58 28.3 31.7 47.5#





#17

Carbon Disulfide

Concen: 15.608 ug/l

RT: 4.116 min Scan# 392

Delta R.T. 0.012 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

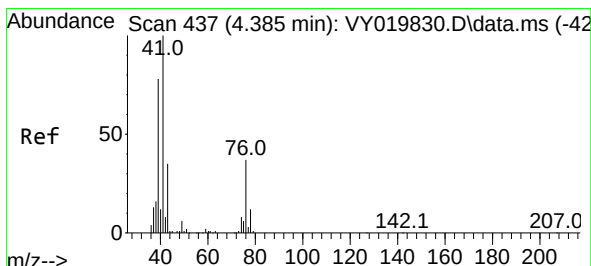
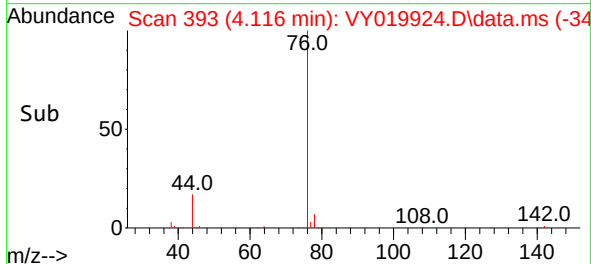
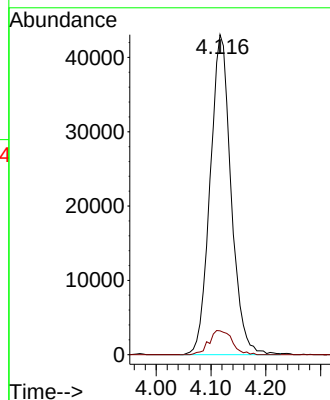
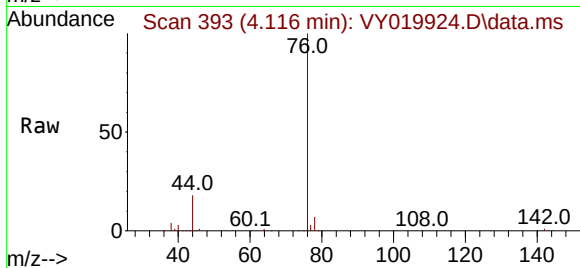
ClientSampleId :

Tgt Ion: 76 Resp: 114259

Ion Ratio Lower Upper

76 100

78 7.4 6.8 10.2



#18

Methyl Acetate

Concen: 19.209 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019924.D

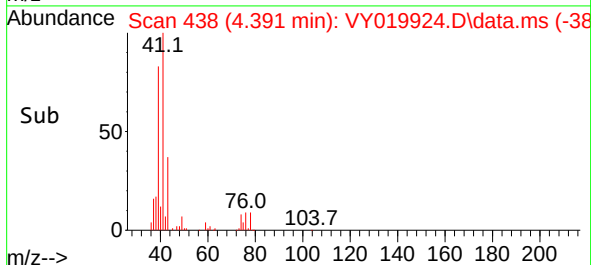
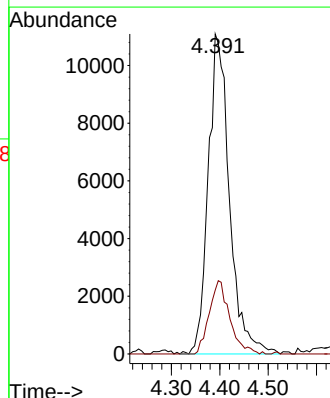
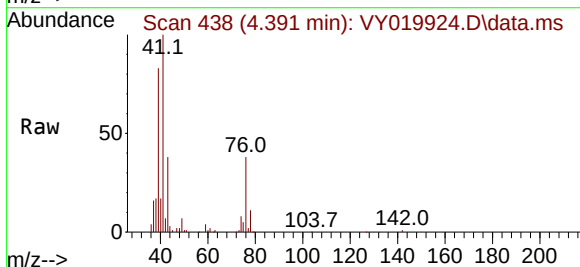
Acq: 17 Oct 2024 12:08

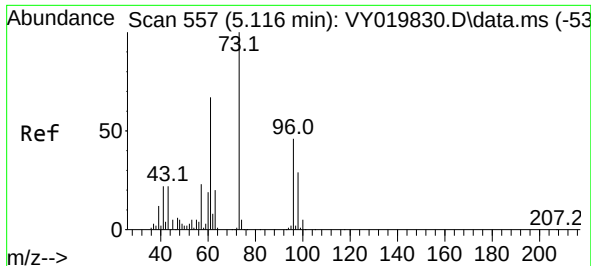
Tgt Ion: 43 Resp: 33765

Ion Ratio Lower Upper

43 100

74 22.2 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 19.883 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

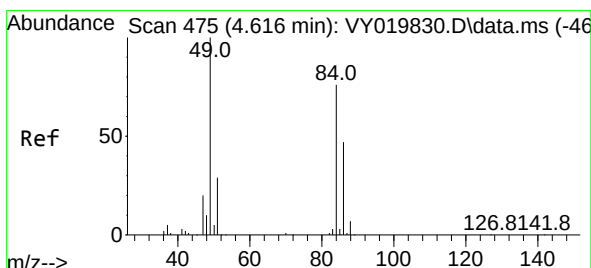
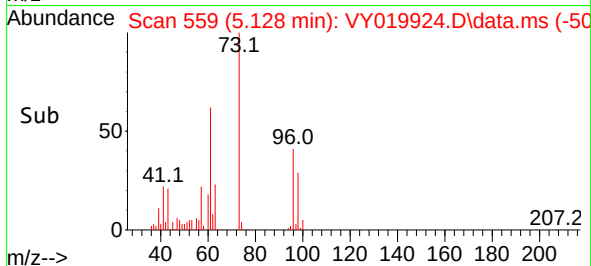
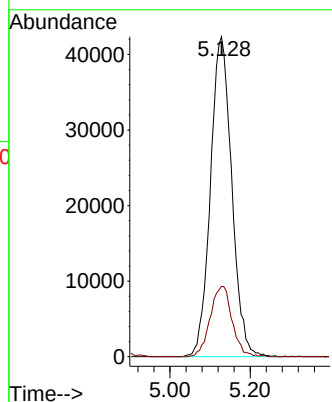
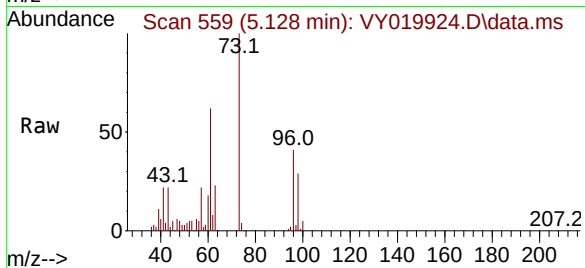
ClientSampleId :

Tgt Ion: 73 Resp: 156008

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



#20

Methylene Chloride

Concen: 21.350 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Tgt Ion: 84 Resp: 65763

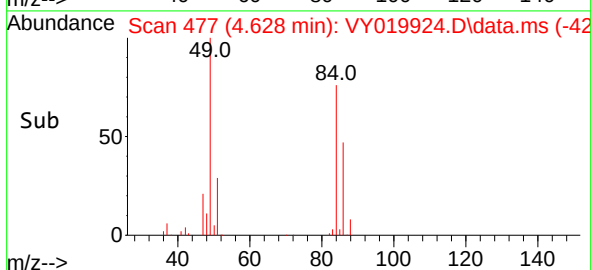
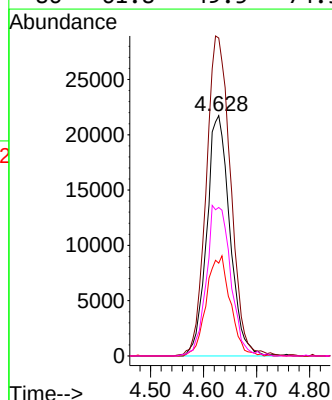
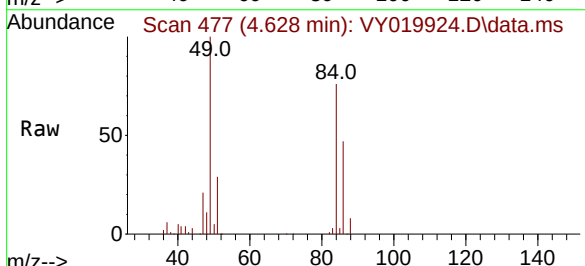
Ion Ratio Lower Upper

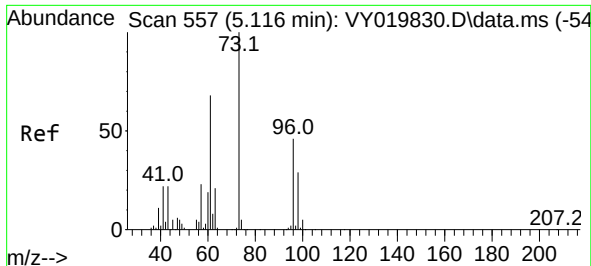
84 100

49 131.9 84.4 126.6#

51 38.6 26.0 39.0

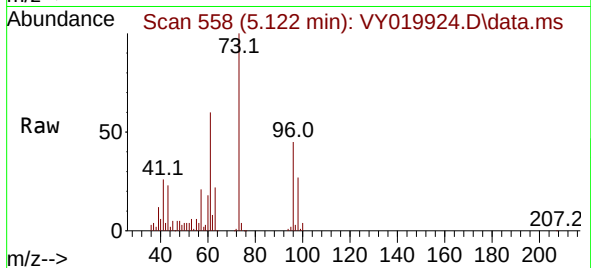
86 61.8 49.5 74.3



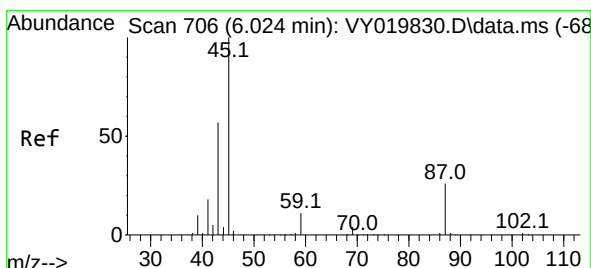
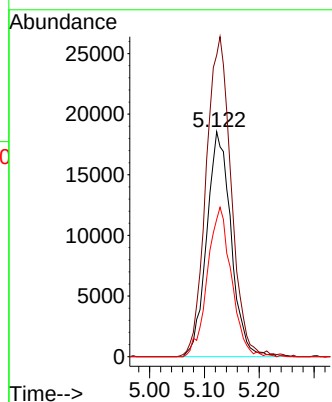
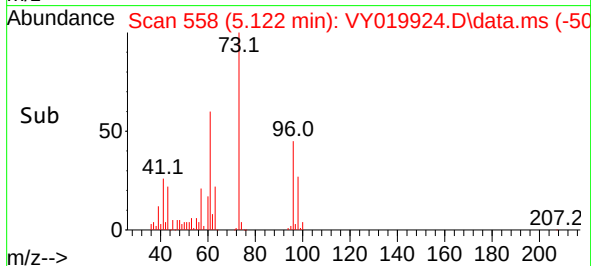


#21
trans-1,2-Dichloroethene
Concen: 19.203 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Instrument :
MSVOA_Y
ClientSampleId :

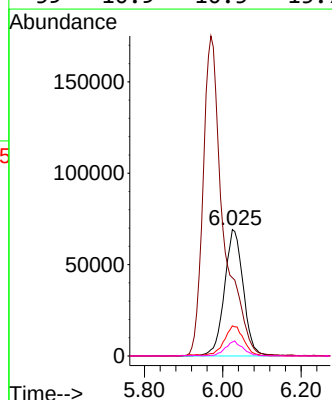
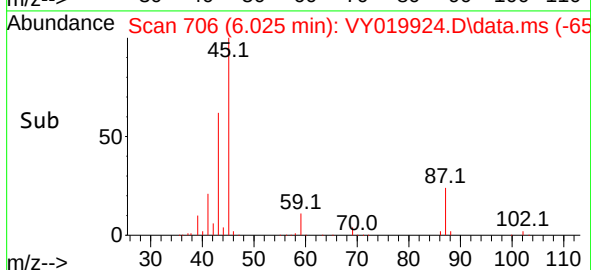
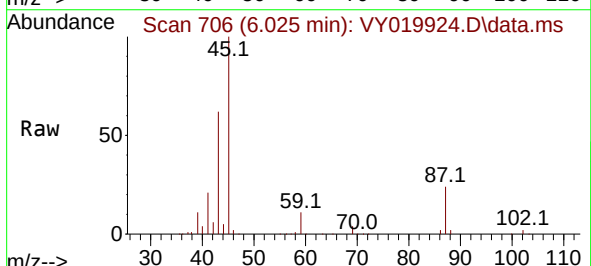


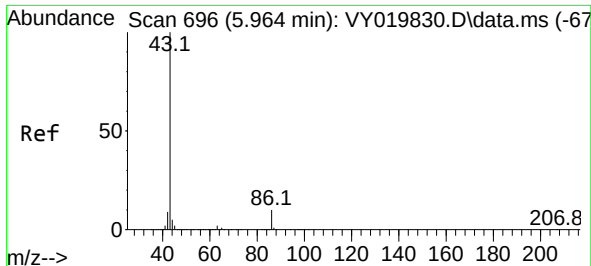
Tgt Ion: 96 Resp: 57081
Ion Ratio Lower Upper
96 100
61 133.6 97.5 146.3
98 61.0 50.5 75.7



#22
Diisopropyl ether
Concen: 21.533 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 45 Resp: 231122
Ion Ratio Lower Upper
45 100
43 61.9 42.2 63.2
87 23.7 25.0 37.6#
59 10.9 10.5 15.7

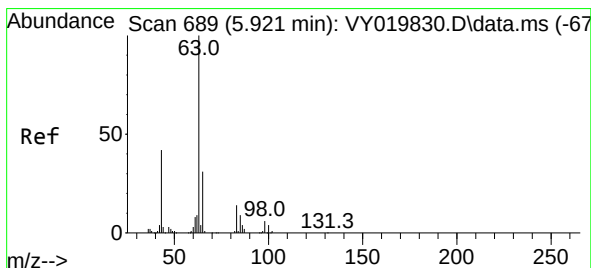
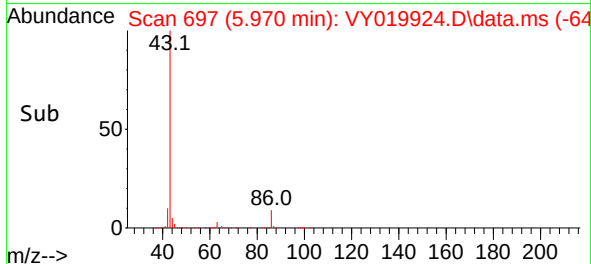
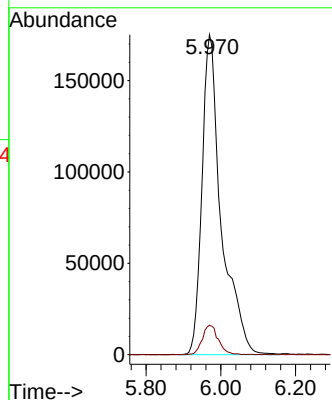
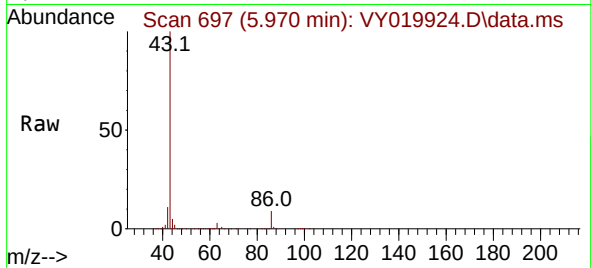




#23
 Vinyl Acetate
 Concen: 102.251 ug/l
 RT: 5.970 min Scan# 64
 Delta R.T. 0.012 min
 Lab File: VY019924.D
 Acq: 17 Oct 2024 12:08

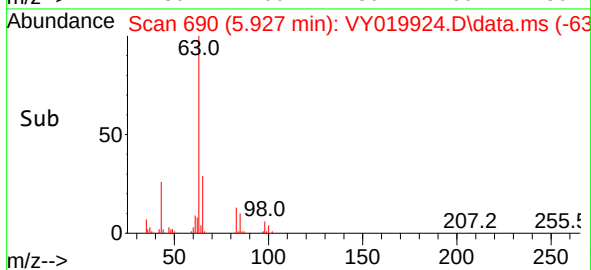
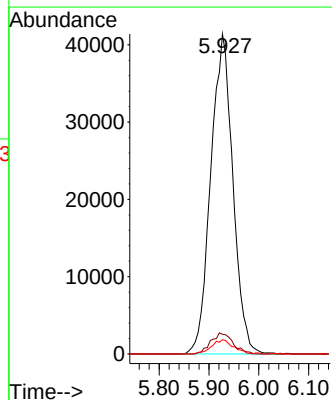
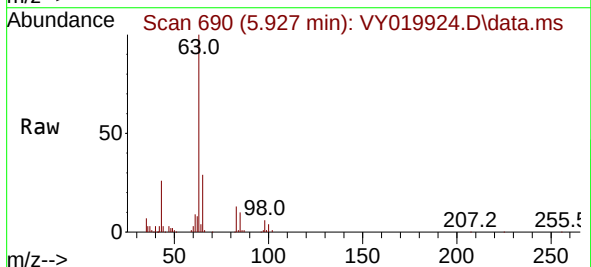
Instrument :
 MSVOA_Y
 ClientSampleId :

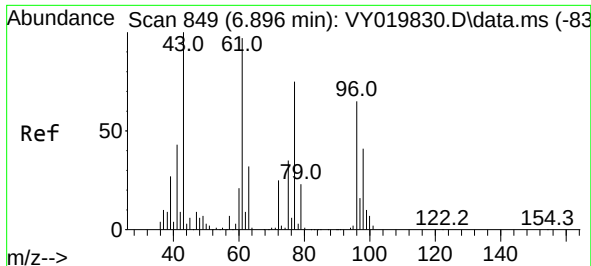
Tgt Ion: 43 Resp: 629189
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.373 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY019924.D
 Acq: 17 Oct 2024 12:08

Tgt Ion: 63 Resp: 127526
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 106.495 ug/l

RT: 6.902 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

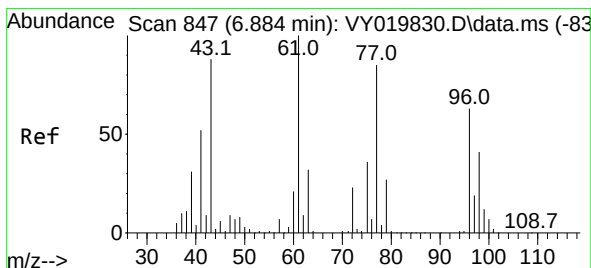
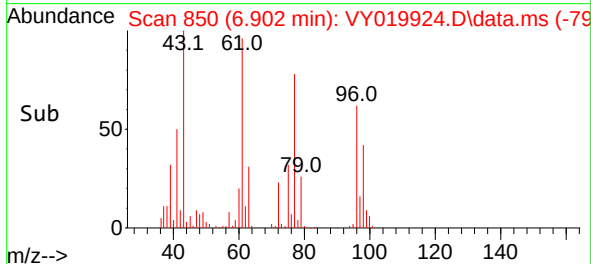
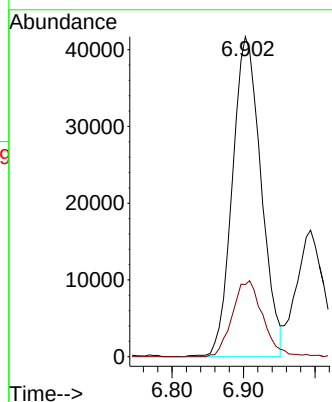
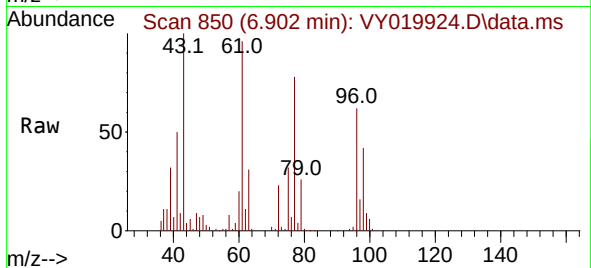
ClientSampleId :

Tgt Ion: 43 Resp: 116317

Ion Ratio Lower Upper

43 100

72 22.6 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 20.388 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY019924.D

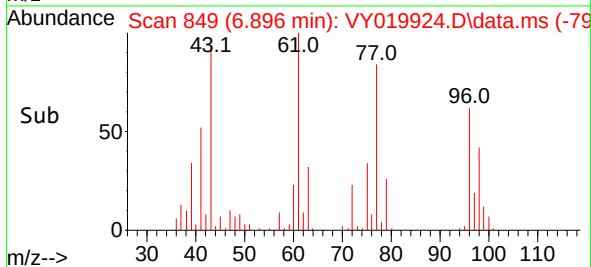
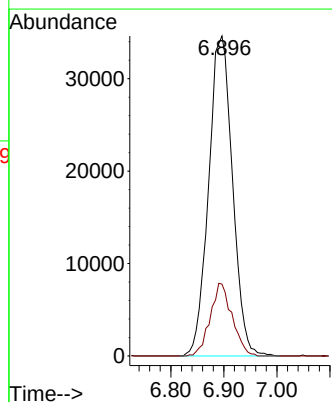
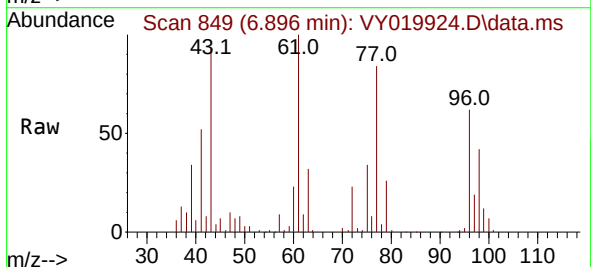
Acq: 17 Oct 2024 12:08

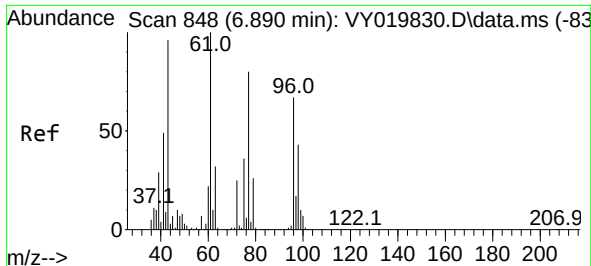
Tgt Ion: 77 Resp: 108333

Ion Ratio Lower Upper

77 100

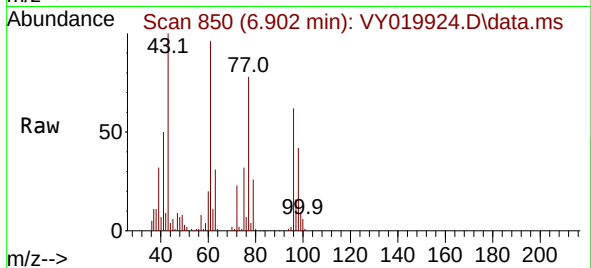
97 20.8 12.0 36.1



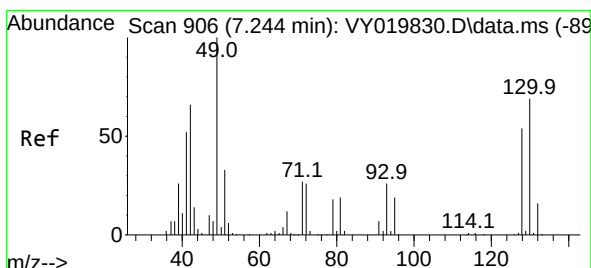
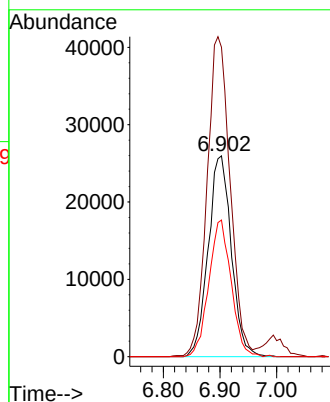
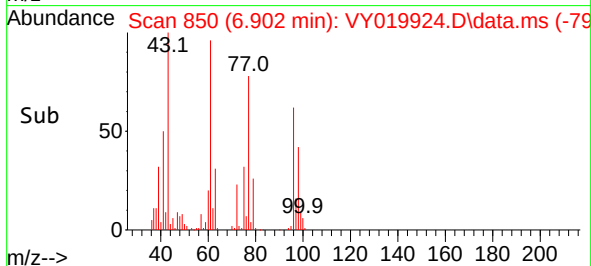


#27
 cis-1,2-Dichloroethene
 Concen: 20.021 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY019924.D
 Acq: 17 Oct 2024 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :

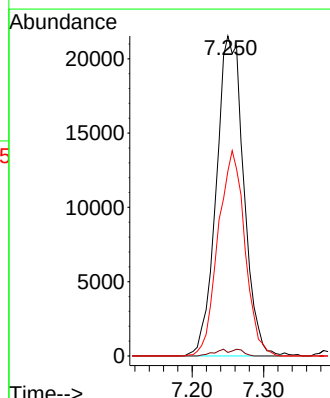
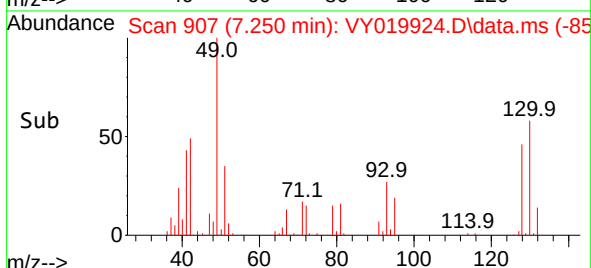
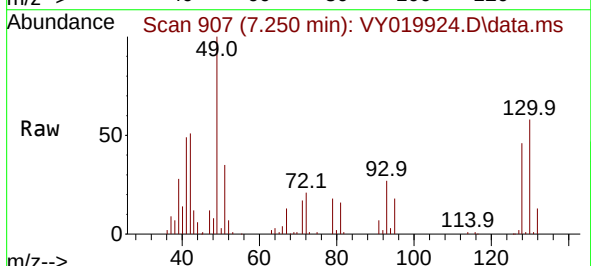


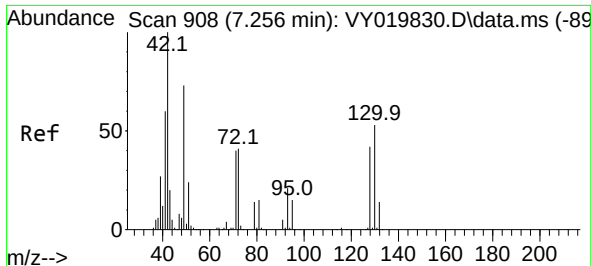
Tgt Ion: 96 Resp: 73545
 Ion Ratio Lower Upper
 96 100
 61 158.7 0.0 256.2
 98 65.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.762 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019924.D
 Acq: 17 Oct 2024 12:08

Tgt Ion: 49 Resp: 57150
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.6
 130 62.9 72.7 109.1#





#29

Tetrahydrofuran

Concen: 101.532 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

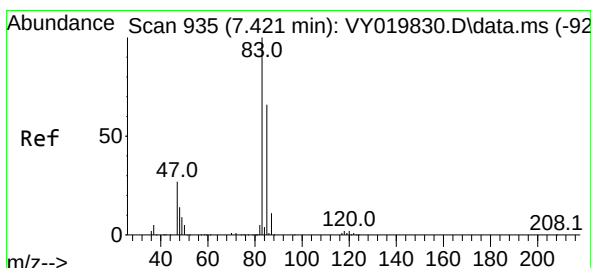
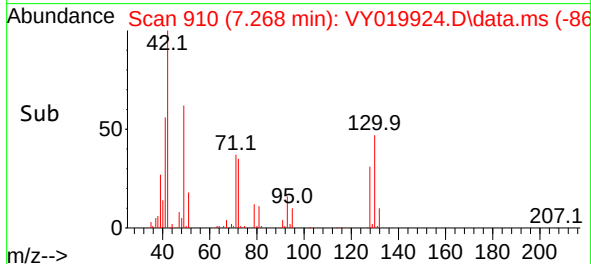
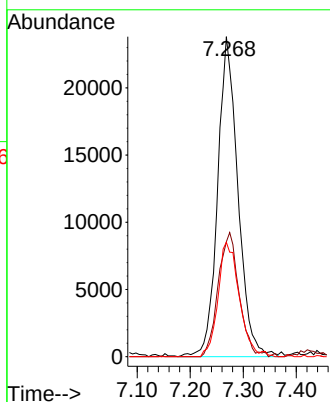
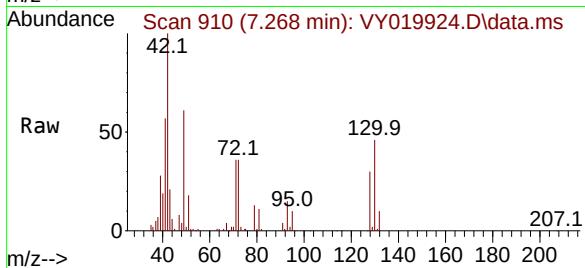
Tgt Ion: 42 Resp: 63319

Ion Ratio Lower Upper

42 100

72 39.9 43.0 64.4#

71 37.4 40.8 61.2#



#30

Chloroform

Concen: 21.803 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019924.D

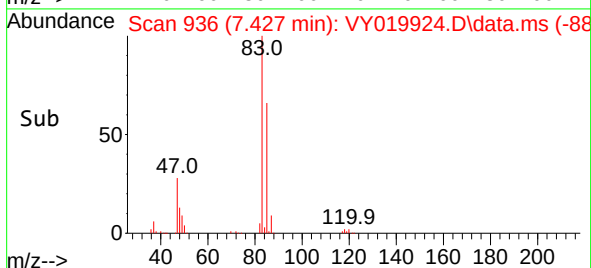
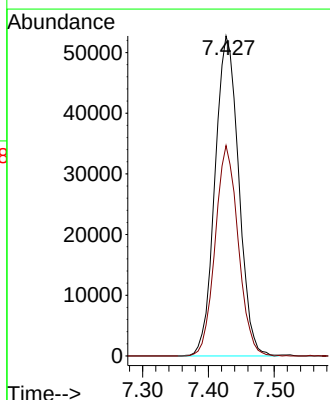
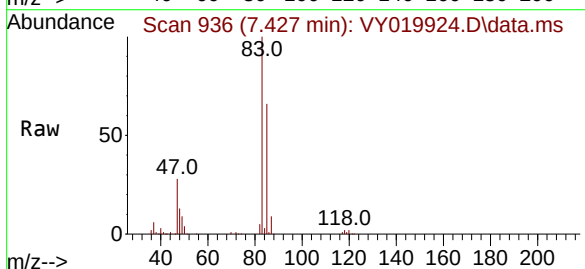
Acq: 17 Oct 2024 12:08

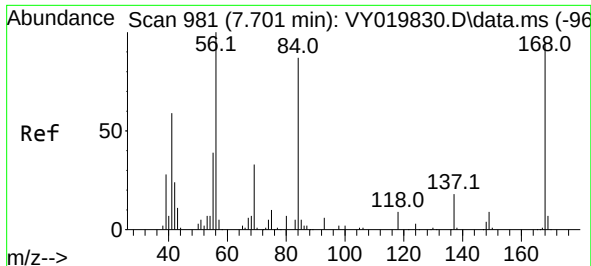
Tgt Ion: 83 Resp: 132611

Ion Ratio Lower Upper

83 100

85 65.8 52.2 78.4

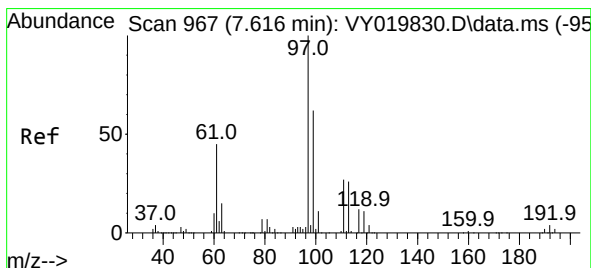
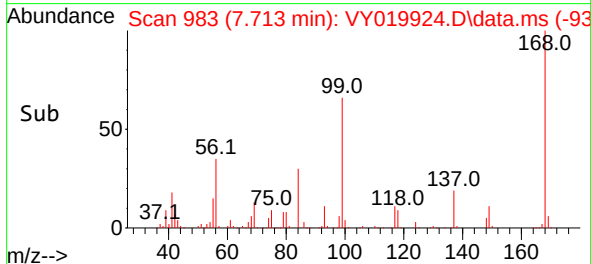
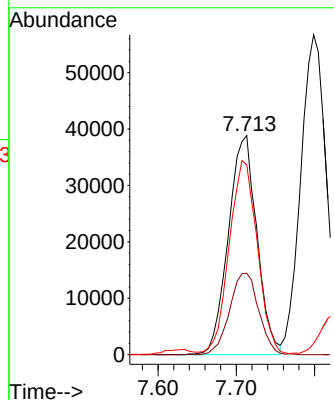
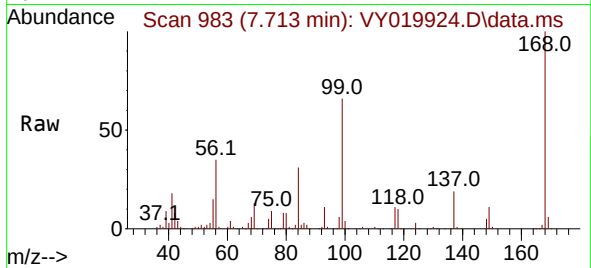




#31
Cyclohexane
Concen: 18.798 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

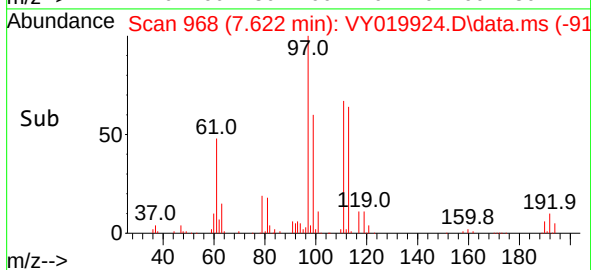
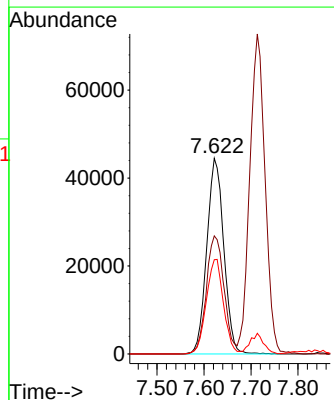
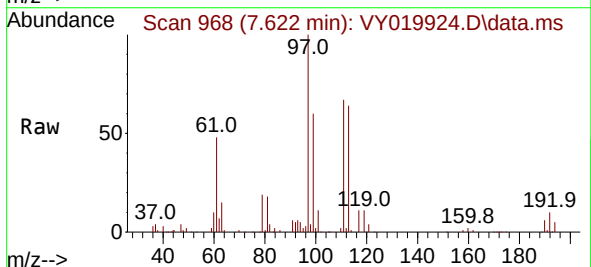
Instrument :
MSVOA_Y
ClientSampleId :

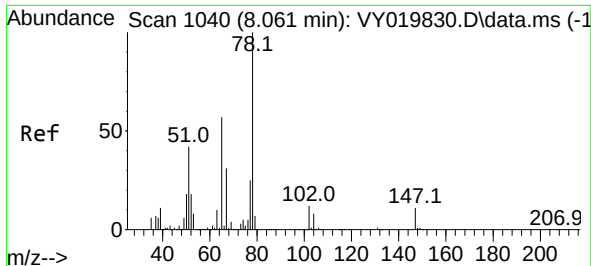
Tgt Ion: 56 Resp: 98456
Ion Ratio Lower Upper
56 100
69 36.8 28.7 43.1
84 85.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.988 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 97 Resp: 111869
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 48.9 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 49.386 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

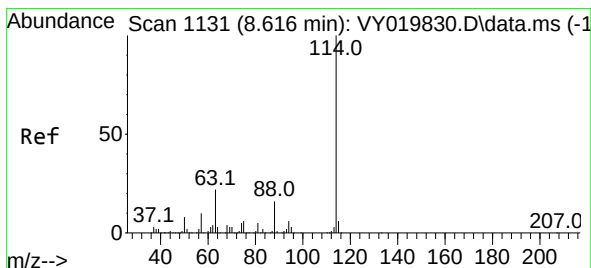
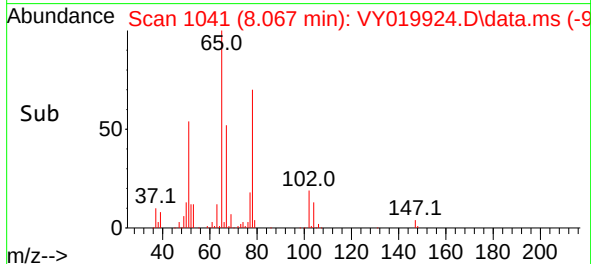
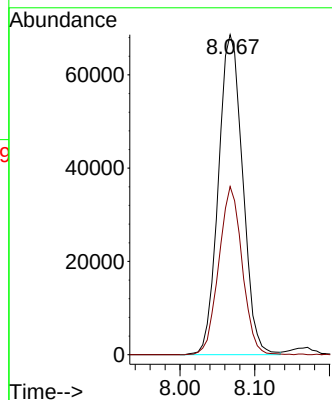
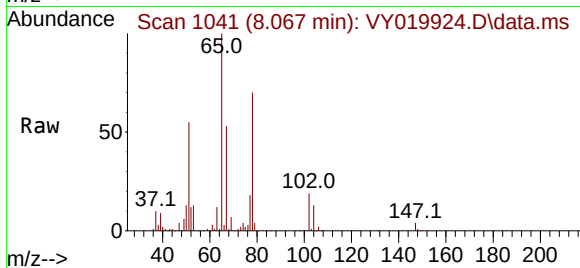
ClientSampleId :

Tgt Ion: 65 Resp: 154805

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

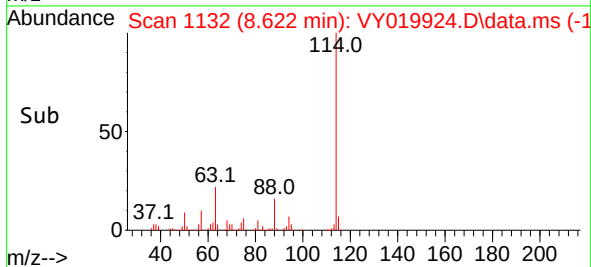
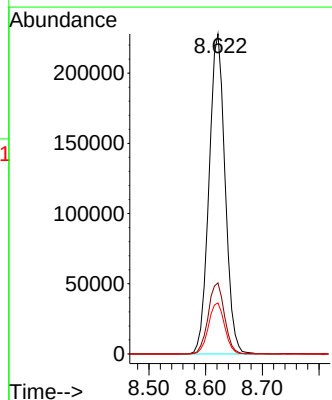
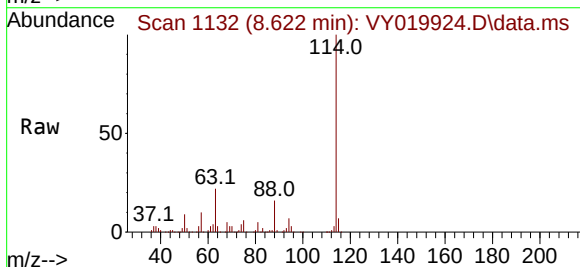
Tgt Ion:114 Resp: 447317

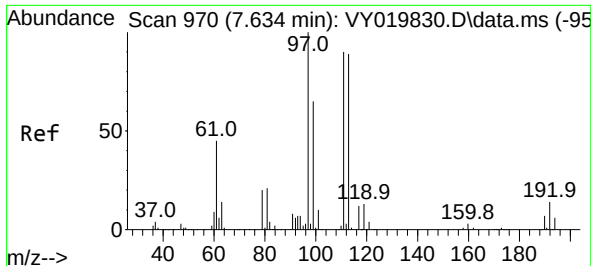
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

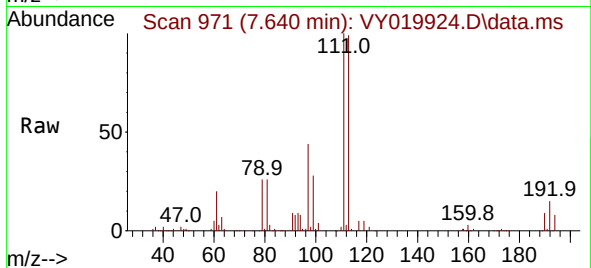
88 16.0 0.0 27.2



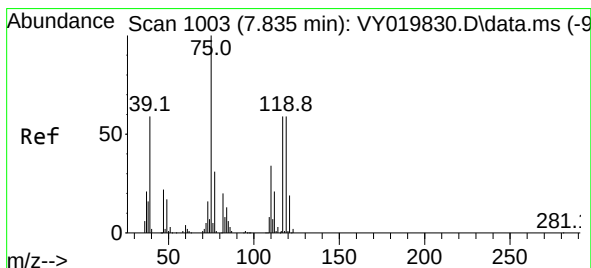
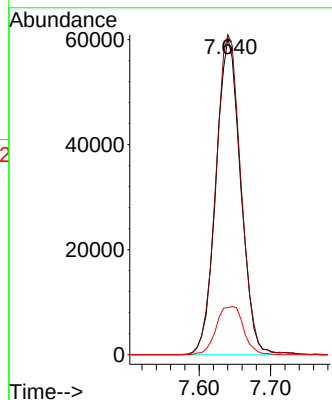
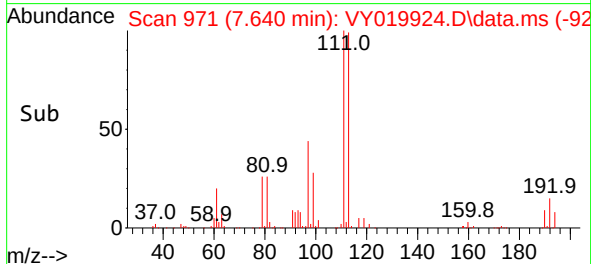


#35
Dibromofluoromethane
Concen: 48.815 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

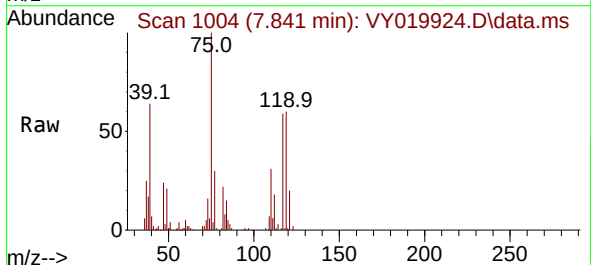
Instrument :
MSVOA_Y
ClientSampleId :



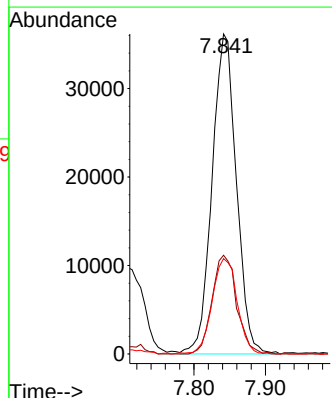
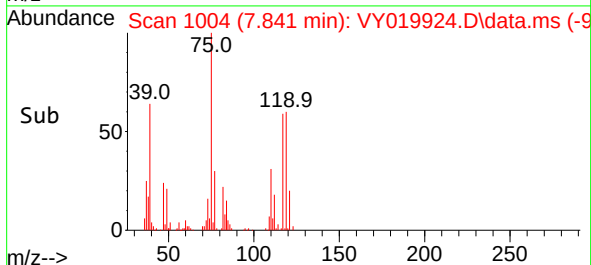
Tgt Ion:113 Resp: 144091
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.8 15.9 23.9

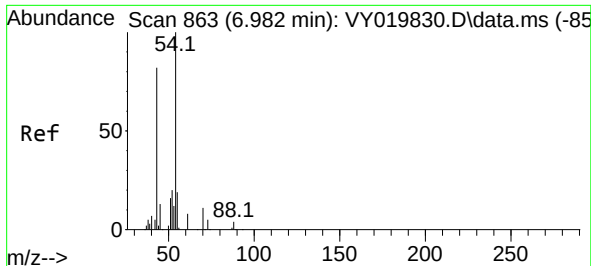


#36
1,1-Dichloropropene
Concen: 20.084 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08



Tgt Ion: 75 Resp: 85409
Ion Ratio Lower Upper
75 100
110 31.1 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 19.996 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

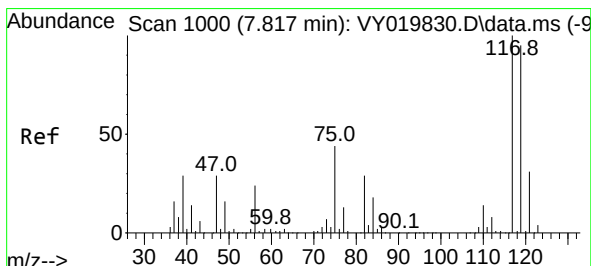
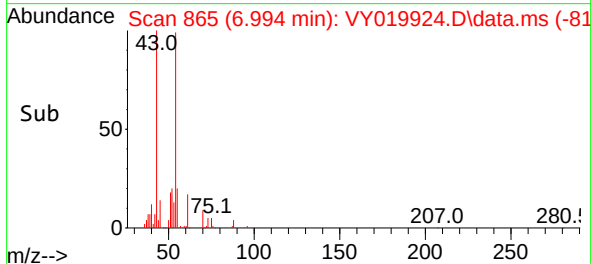
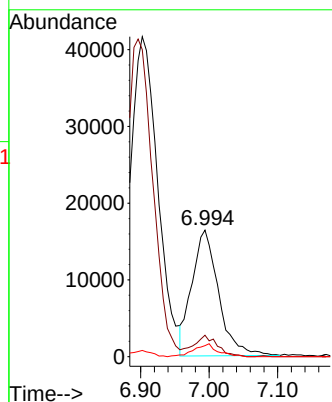
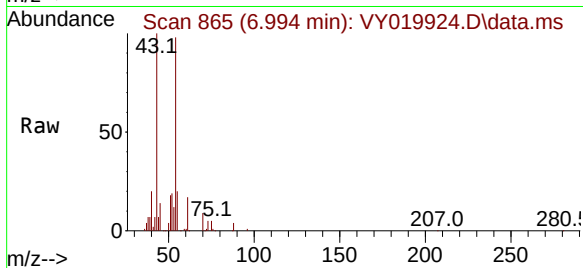
Tgt Ion: 43 Resp: 44340

Ion Ratio Lower Upper

43 100

61 14.6 12.6 19.0

70 9.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.581 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

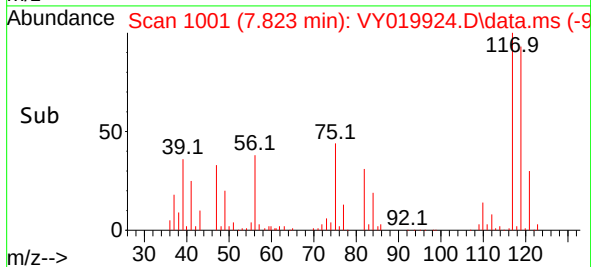
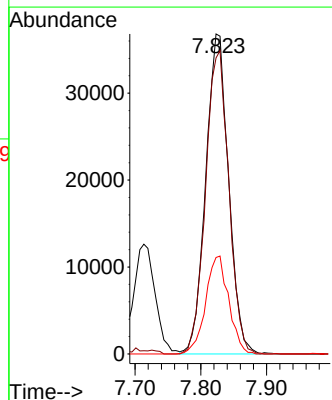
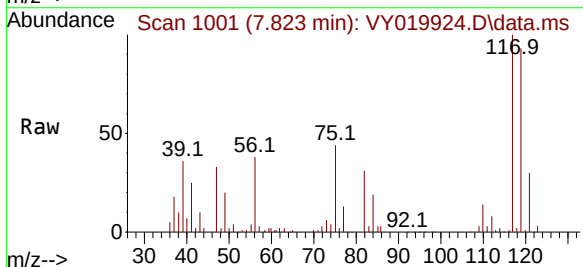
Tgt Ion: 117 Resp: 89269

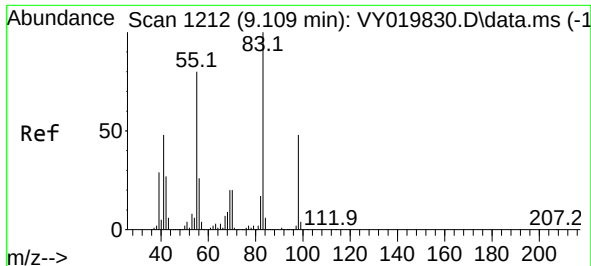
Ion Ratio Lower Upper

117 100

119 92.5 75.8 113.6

121 30.1 24.0 36.0





#39

Methylcyclohexane

Concen: 18.229 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

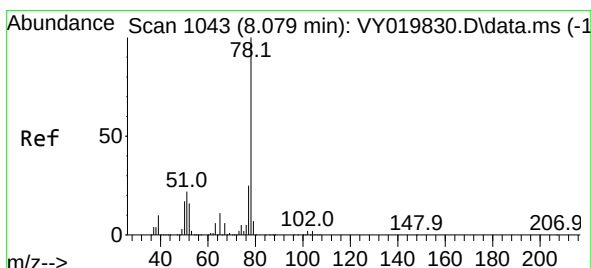
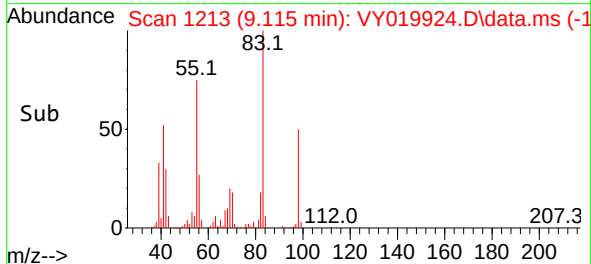
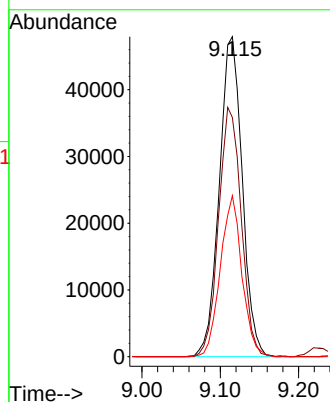
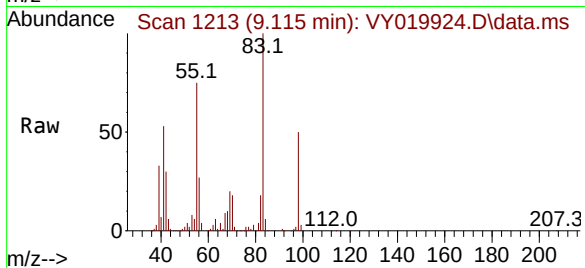
Tgt Ion: 83 Resp: 97673

Ion Ratio Lower Upper

83 100

55 74.8 51.5 77.3

98 50.3 40.5 60.7



#40

Benzene

Concen: 20.240 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY019924.D

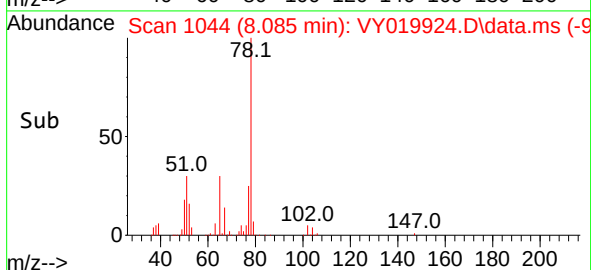
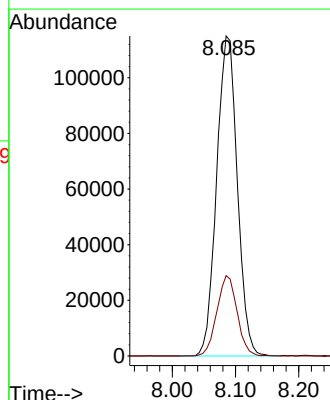
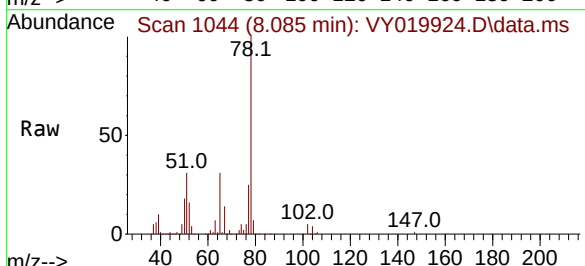
Acq: 17 Oct 2024 12:08

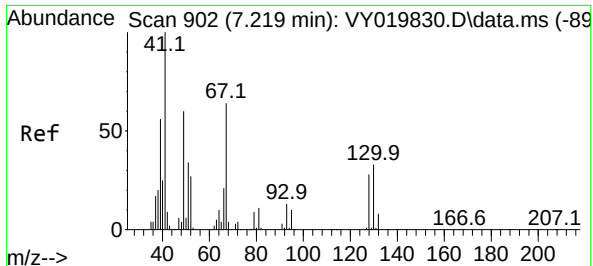
Tgt Ion: 78 Resp: 260490

Ion Ratio Lower Upper

78 100

77 25.1 19.5 29.3

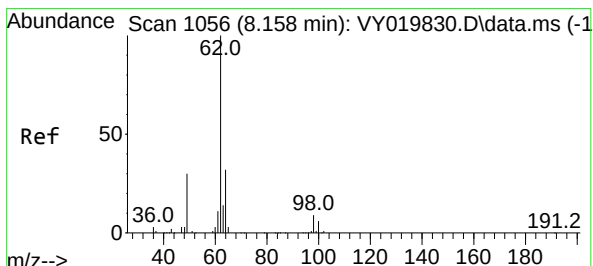
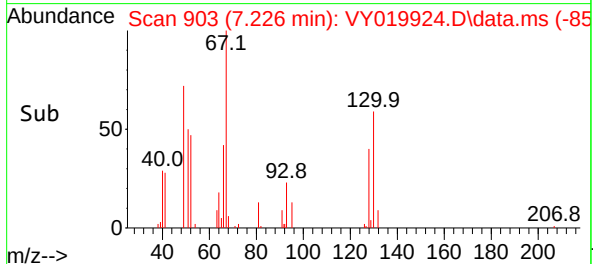
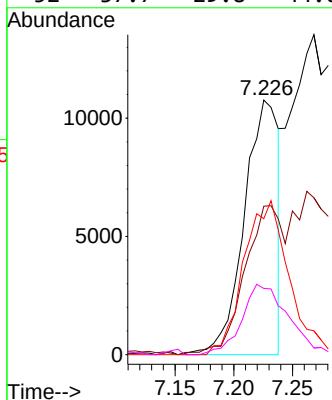
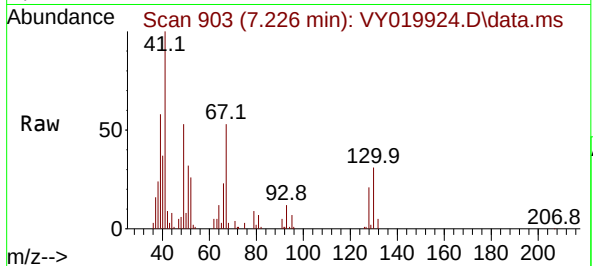




#41
Methacrylonitrile
Concen: 18.207 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

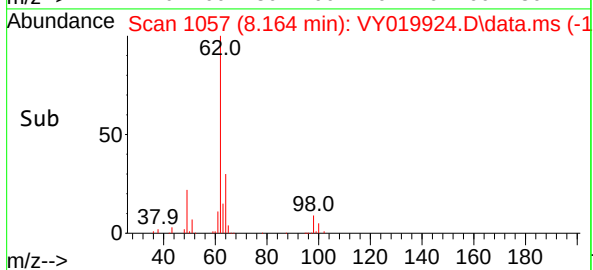
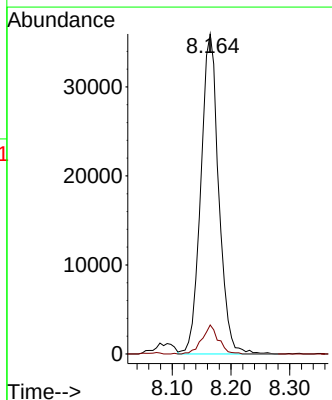
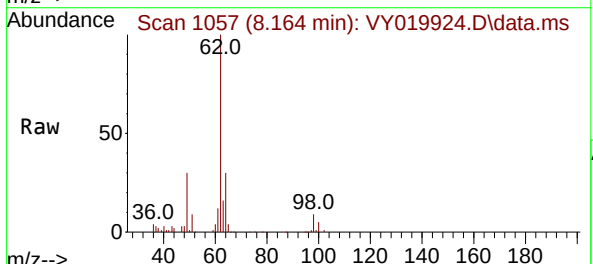
Instrument :
MSVOA_Y
ClientSampleId :

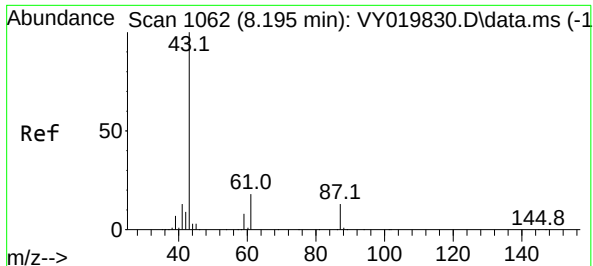
Tgt Ion: 41 Resp: 21851
Ion Ratio Lower Upper
41 100
39 66.6 48.0 72.0
67 80.0 75.1 112.7
52 37.7 29.8 44.6



#42
1,2-Dichloroethane
Concen: 20.547 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 62 Resp: 75973
Ion Ratio Lower Upper
62 100
98 8.3 0.0 22.0

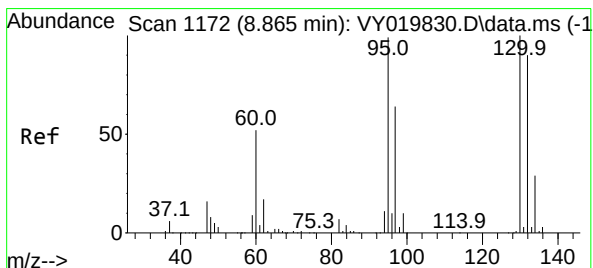
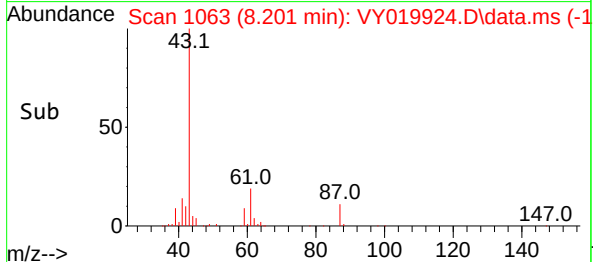
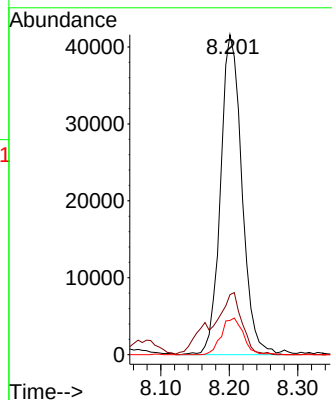
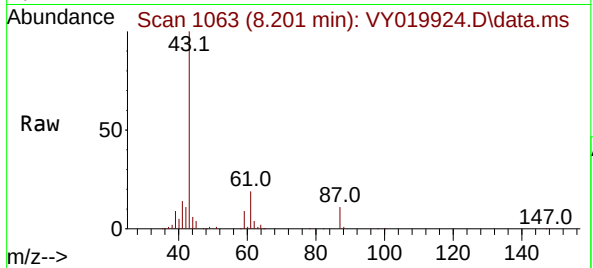




#43
Isopropyl Acetate
Concen: 19.895 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

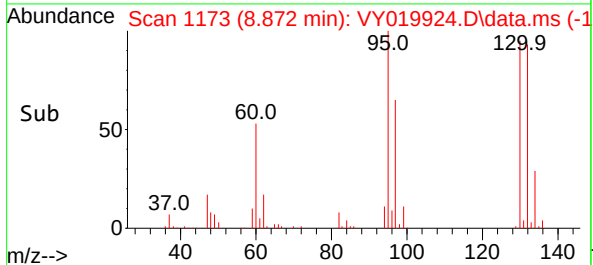
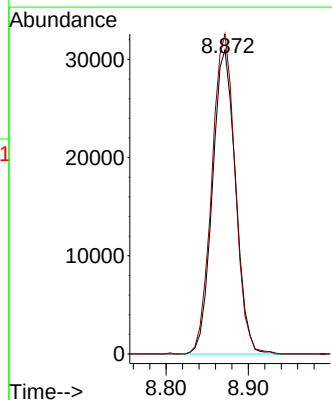
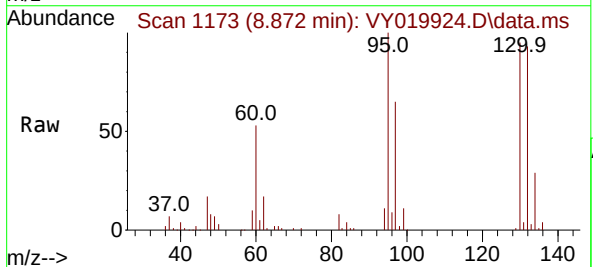
Instrument :
MSVOA_Y
ClientSampleId :

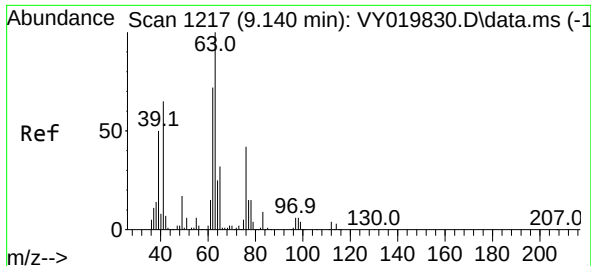
Tgt Ion: 43 Resp: 89971
Ion Ratio Lower Upper
43 100
61 20.5 27.9 41.9#
87 11.8 13.1 19.7#



#44
Trichloroethene
Concen: 19.421 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 130 Resp: 60538
Ion Ratio Lower Upper
130 100
95 105.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.928 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

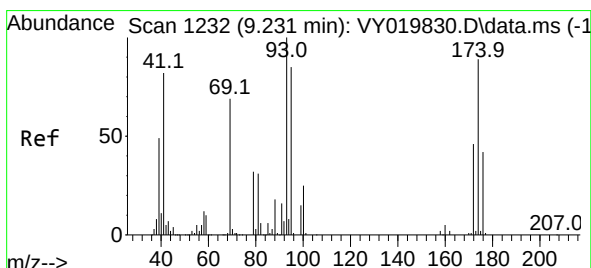
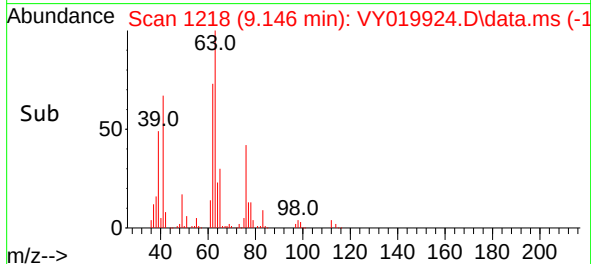
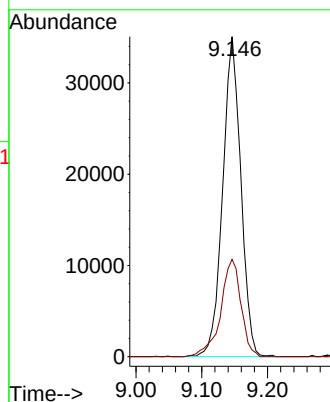
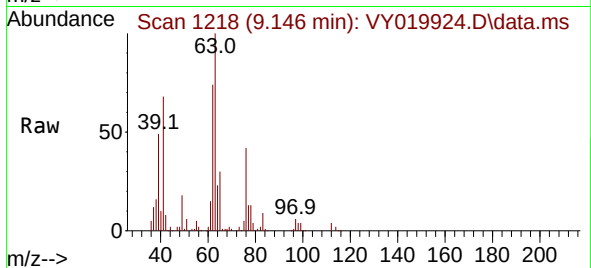
ClientSampleId :

Tgt Ion: 63 Resp: 67415

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.2



#46

Dibromomethane

Concen: 20.047 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

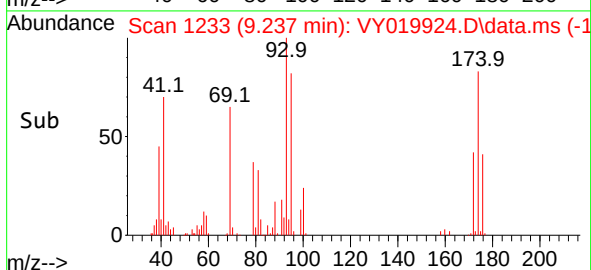
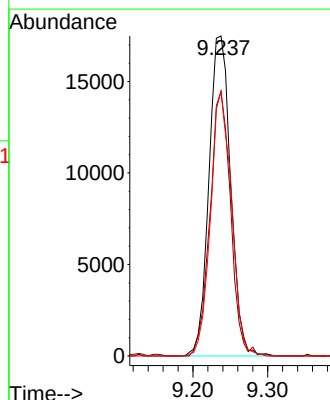
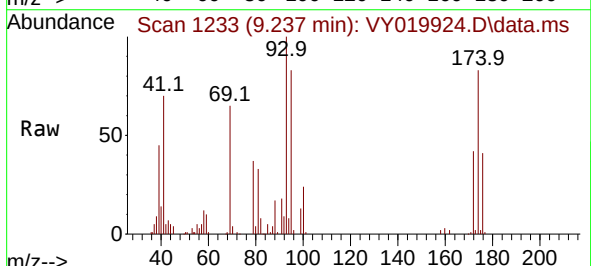
Tgt Ion: 93 Resp: 35283

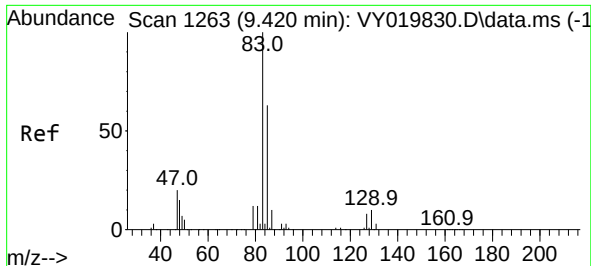
Ion Ratio Lower Upper

93 100

95 78.6 66.2 99.4

174 79.7 80.9 121.3#

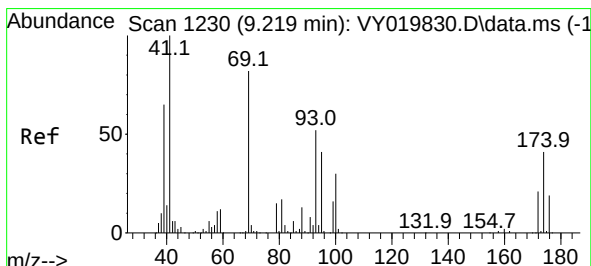
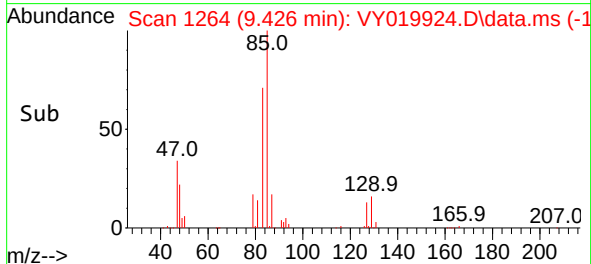
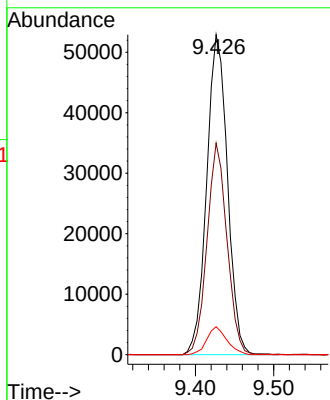
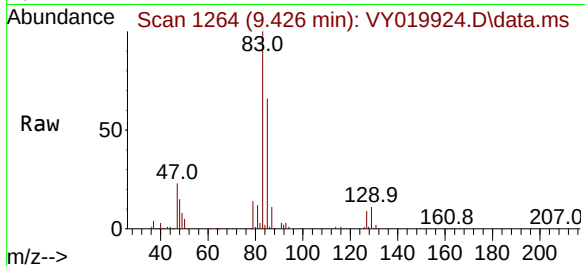




#47
Bromodichloromethane
Concen: 20.827 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

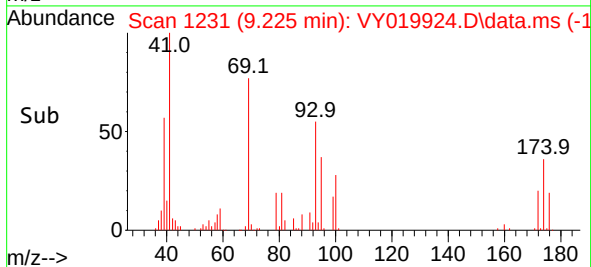
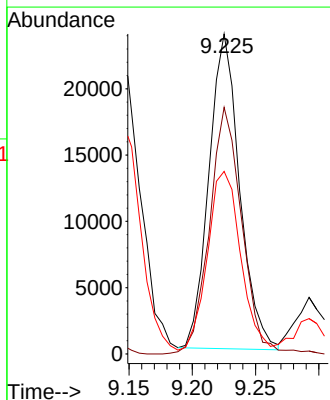
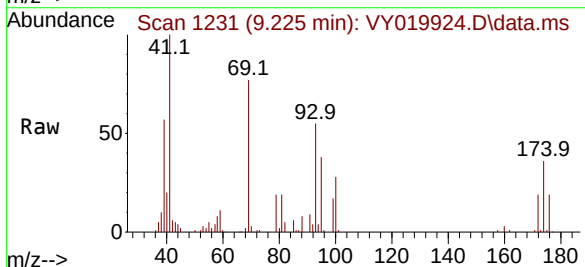
Instrument :
MSVOA_Y
ClientSampleId :

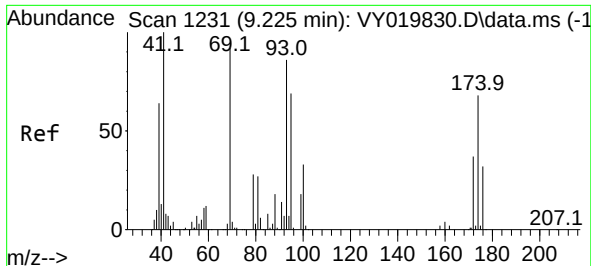
Tgt Ion: 83 Resp: 97296
Ion Ratio Lower Upper
83 100
85 66.1 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 20.134 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

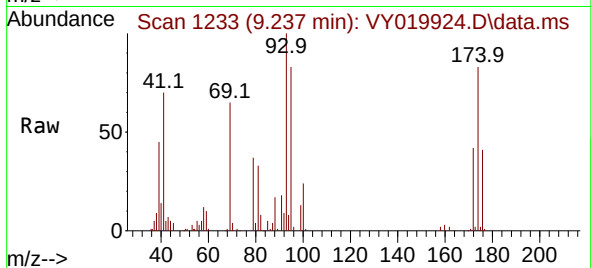
Tgt Ion: 41 Resp: 40051
Ion Ratio Lower Upper
41 100
69 82.6 84.1 126.1#
39 61.2 43.6 65.4



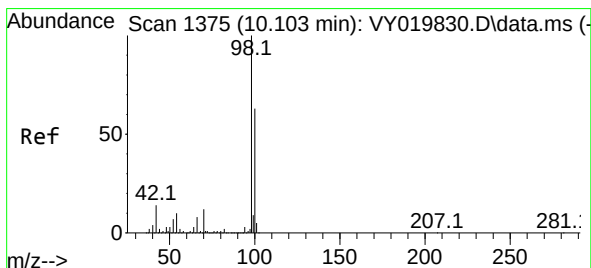
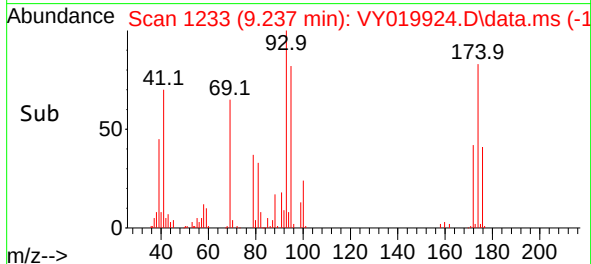
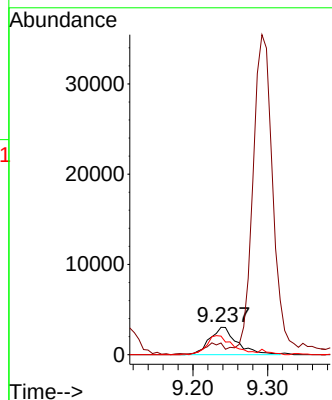


#49
1,4-Dioxane
Concen: 393.739 ug/l
RT: 9.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Instrument :
MSVOA_Y
ClientSampleId :

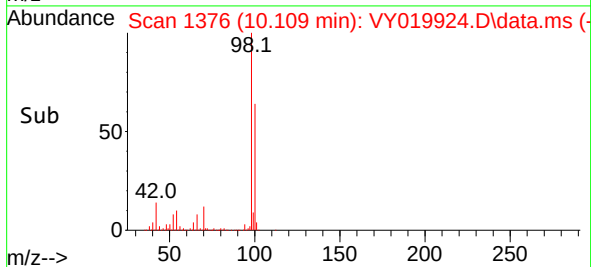
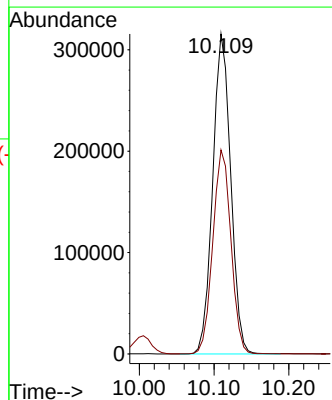
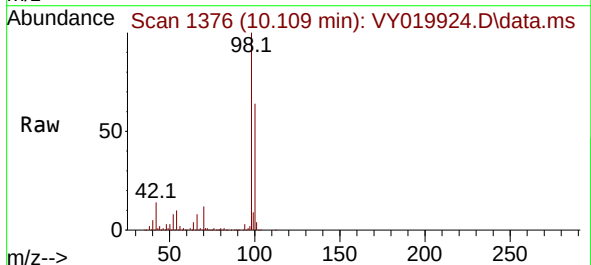


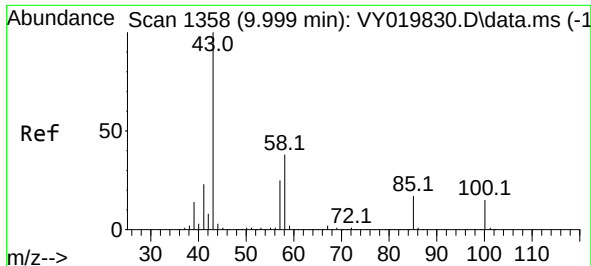
Tgt Ion: 88 Resp: 7756
Ion Ratio Lower Upper
88 100
43 33.1 0.0 0.0#
58 66.8 49.3 73.9



#50
Toluene-d8
Concen: 48.407 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 98 Resp: 527669
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

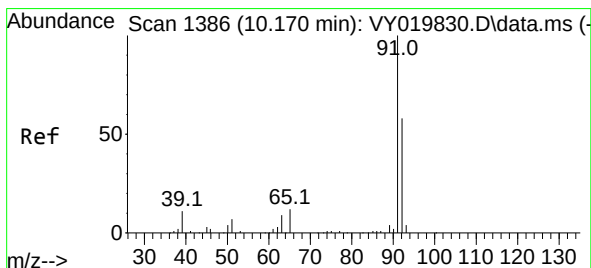
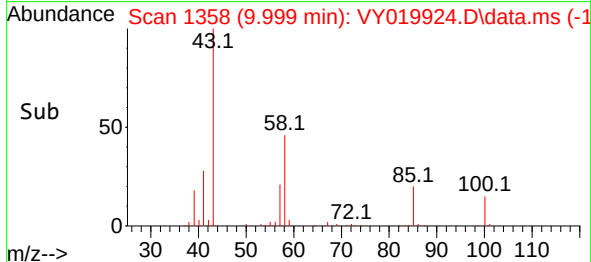
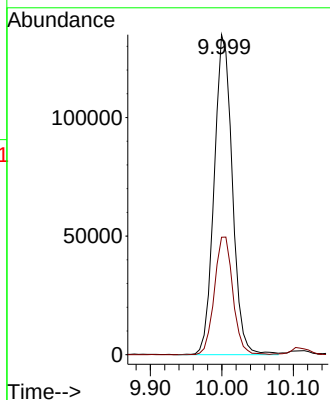
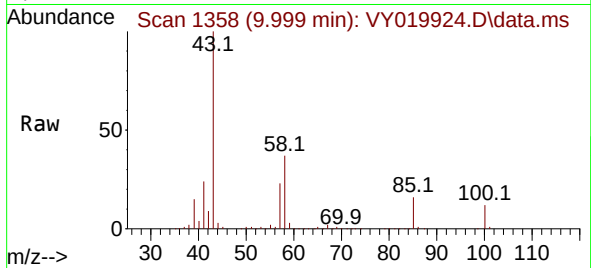




#51
4-Methyl-2-Pentanone
Concen: 103.333 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

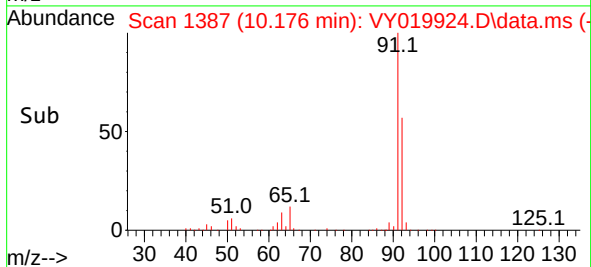
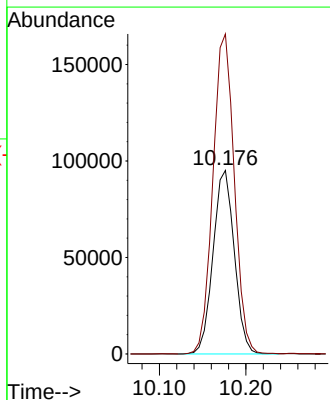
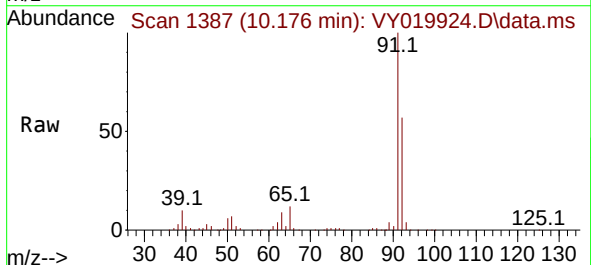
Instrument :
MSVOA_Y
ClientSampleId :

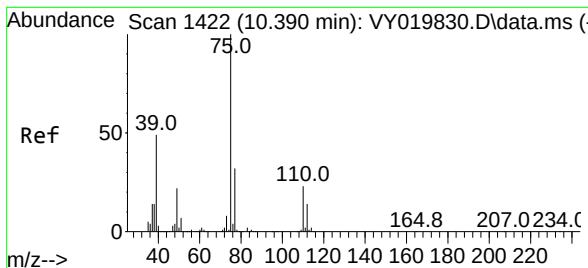
Tgt Ion: 43 Resp: 238354
Ion Ratio Lower Upper
43 100
58 37.5 35.7 53.5



#52
Toluene
Concen: 20.199 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 92 Resp: 162273
Ion Ratio Lower Upper
92 100
91 175.3 139.0 208.6

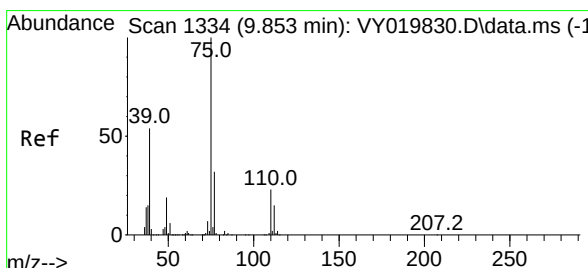
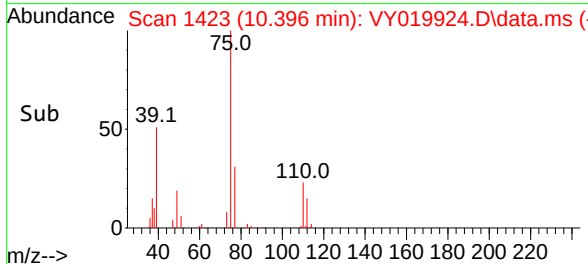
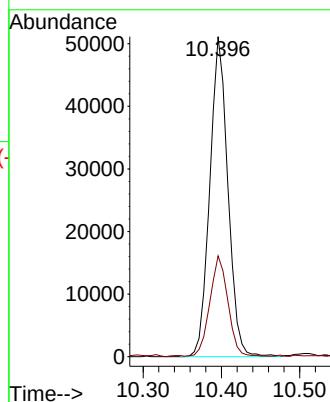
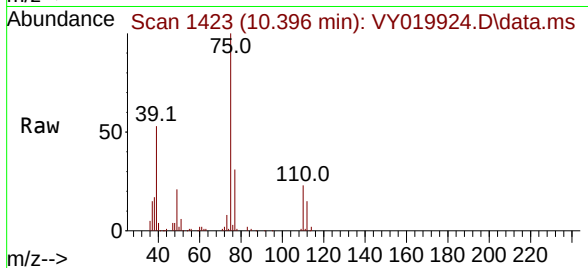




#53
 t-1,3-Dichloropropene
 Concen: 19.509 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019924.D
 Acq: 17 Oct 2024 12:08

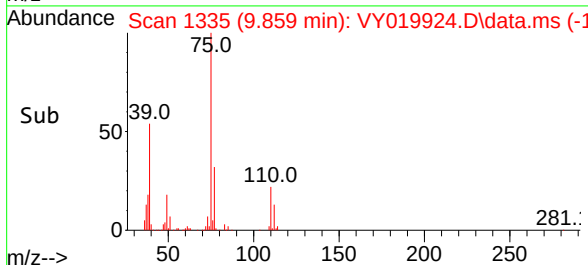
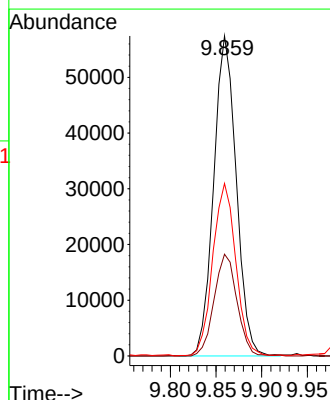
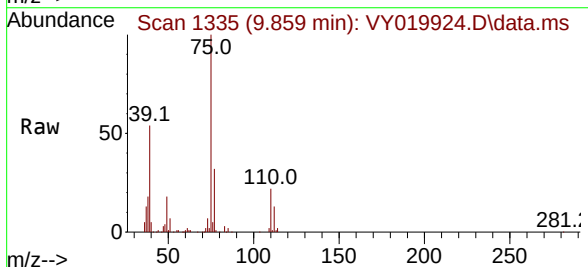
Instrument :
 MSVOA_Y
 ClientSampleId :

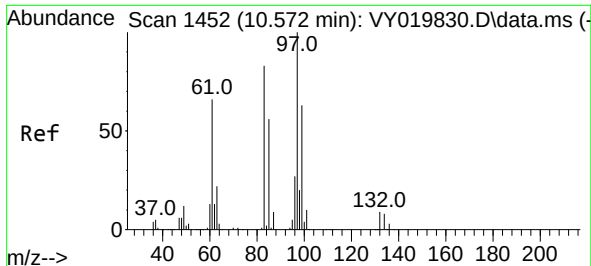
Tgt Ion: 75 Resp: 82002
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.889 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019924.D
 Acq: 17 Oct 2024 12:08

Tgt Ion: 75 Resp: 98641
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 53.7 29.8 44.6#

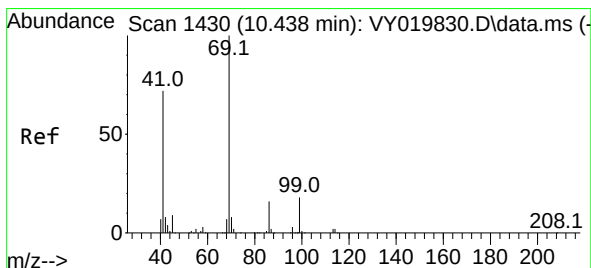
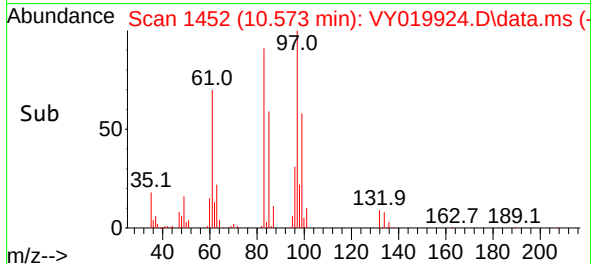
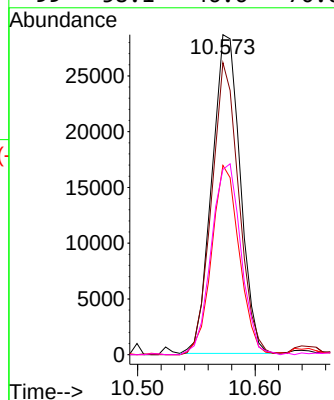
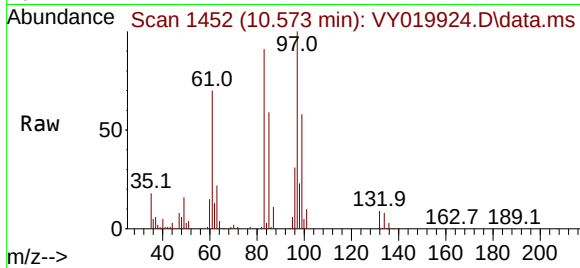




#55
1,1,2-Trichloroethane
Concen: 20.682 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

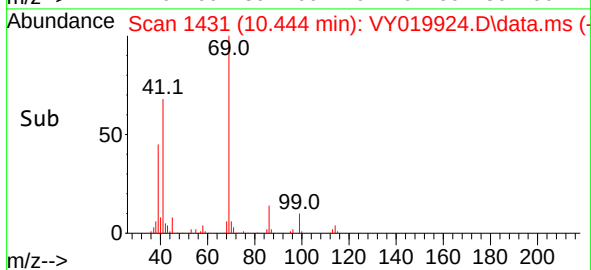
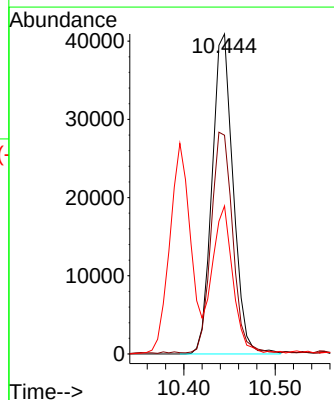
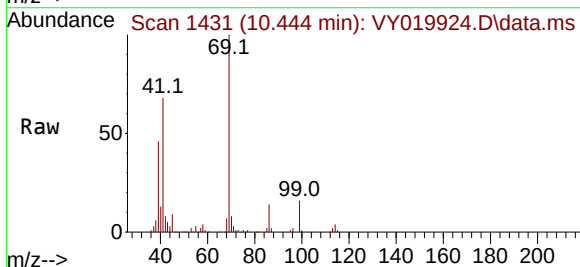
Instrument :
MSVOA_Y
ClientSampleId :

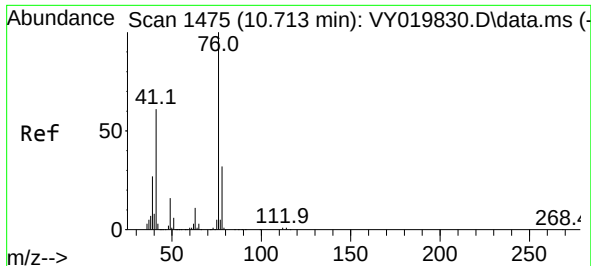
Tgt Ion:	97	Resp:	47958
Ion	Ratio	Lower	Upper
97	100		
83	91.6	67.5	101.3
85	59.4	42.9	64.3
99	58.1	46.6	70.0



#56
Ethyl methacrylate
Concen: 19.691 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion:	69	Resp:	65518
Ion	Ratio	Lower	Upper
69	100		
41	70.3	42.3	63.5#
39	44.8	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 20.485 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

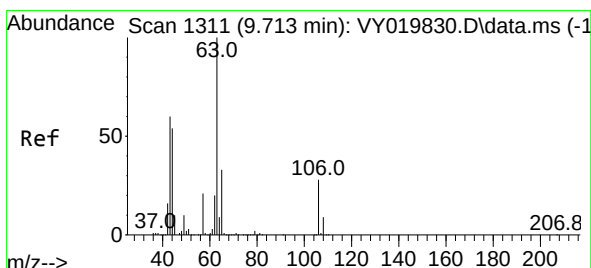
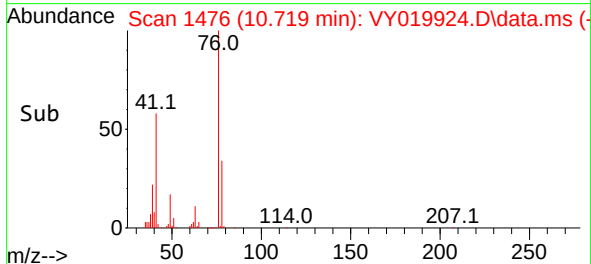
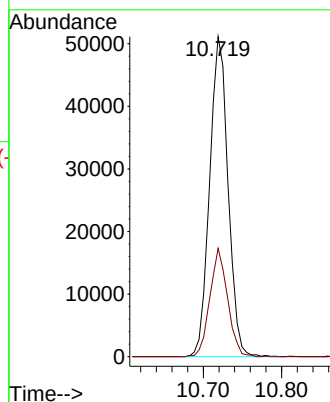
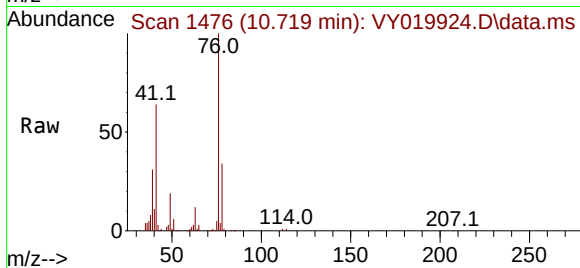
ClientSampleId :

Tgt Ion: 76 Resp: 83416

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.266 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019924.D

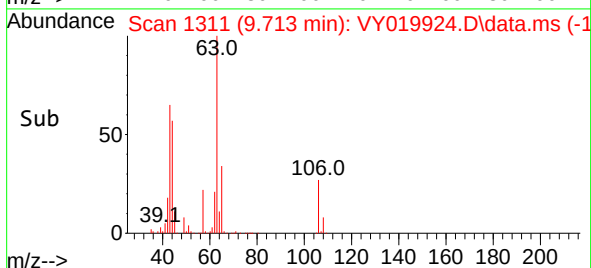
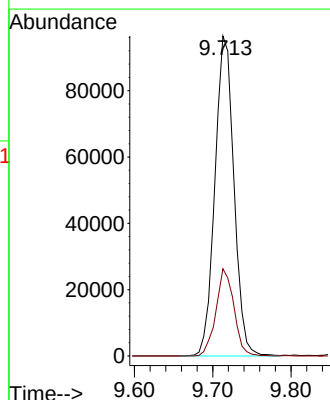
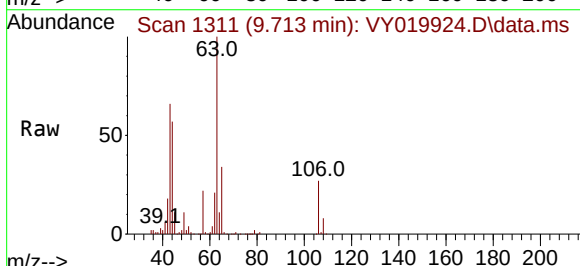
Acq: 17 Oct 2024 12:08

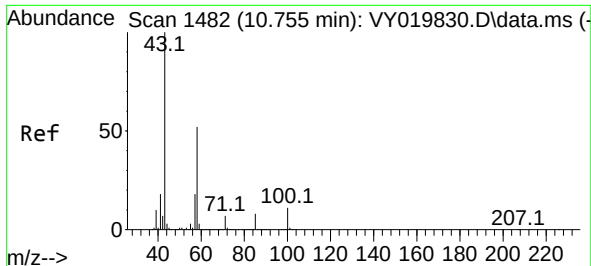
Tgt Ion: 63 Resp: 163050

Ion Ratio Lower Upper

63 100

106 25.8 23.7 35.5





#59

2-Hexanone

Concen: 105.934 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

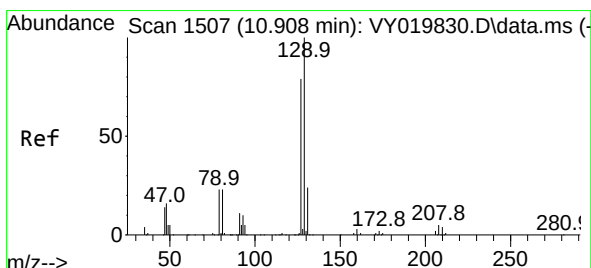
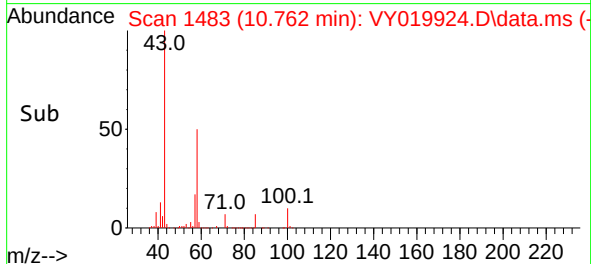
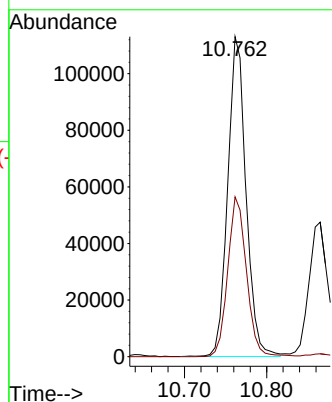
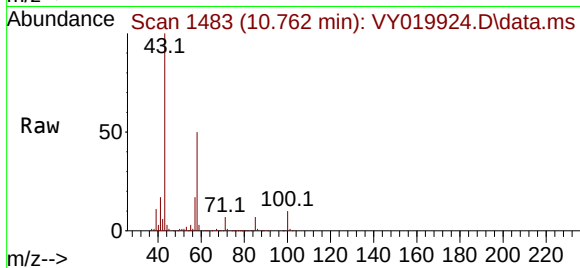
ClientSampleId :

Tgt Ion: 43 Resp: 174525

Ion Ratio Lower Upper

43 100

58 51.3 31.4 94.0



#60

Dibromochloromethane

Concen: 19.732 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019924.D

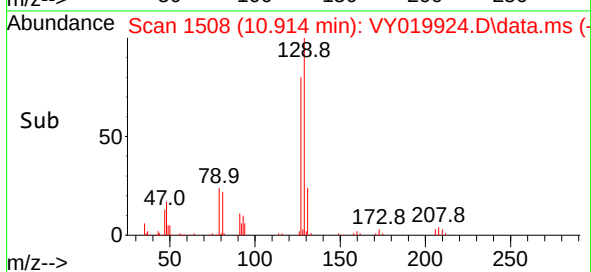
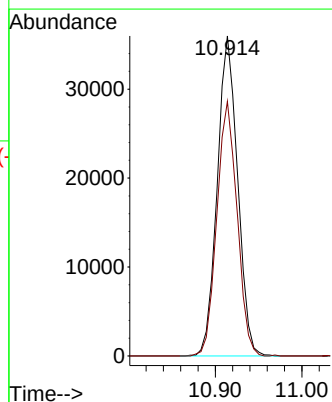
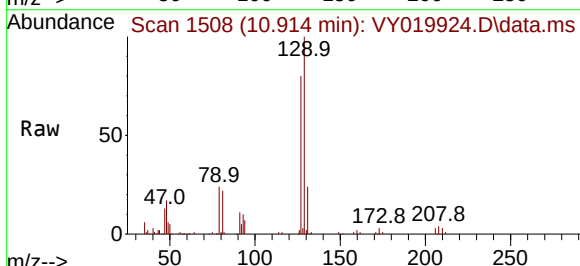
Acq: 17 Oct 2024 12:08

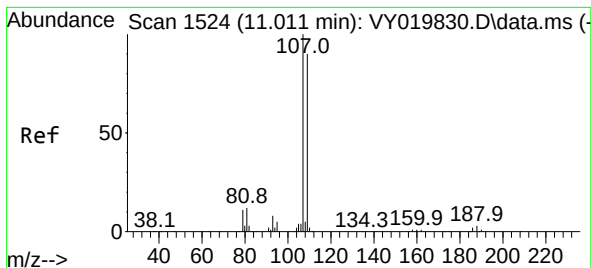
Tgt Ion: 129 Resp: 58726

Ion Ratio Lower Upper

129 100

127 79.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.924 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

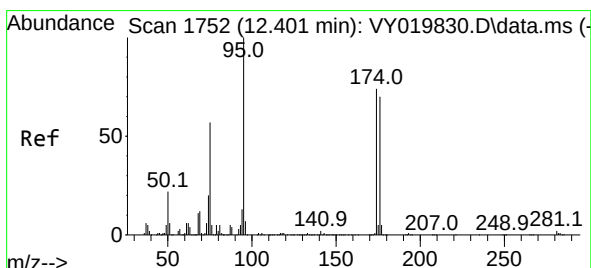
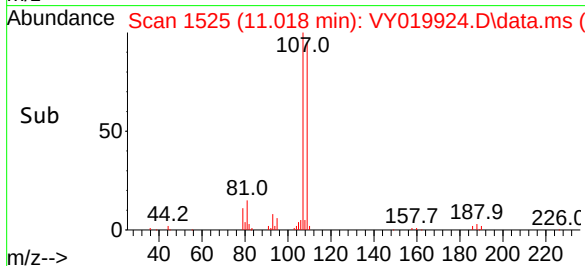
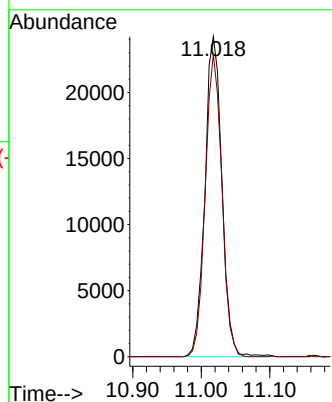
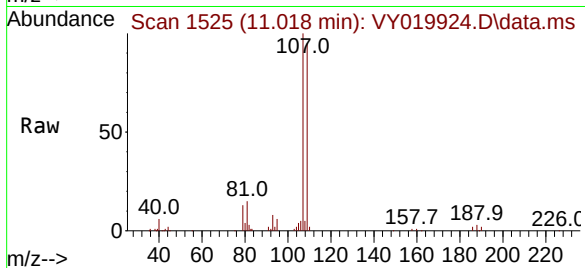
ClientSampleId :

Tgt Ion:107 Resp: 41749

Ion Ratio Lower Upper

107 100

109 92.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.387 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

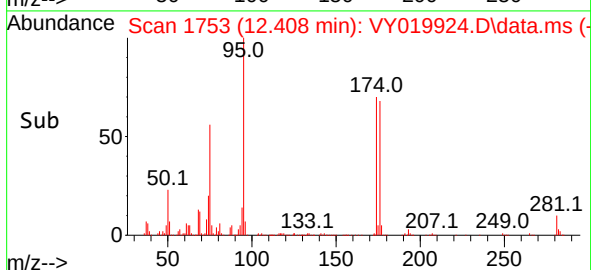
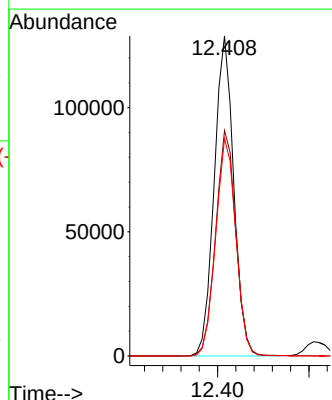
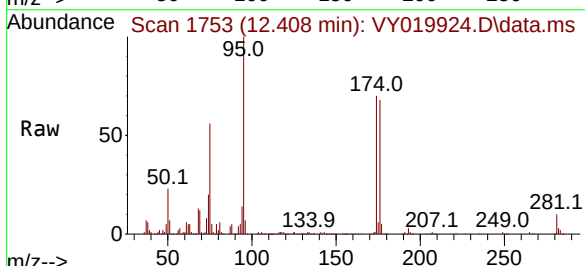
Tgt Ion: 95 Resp: 190584

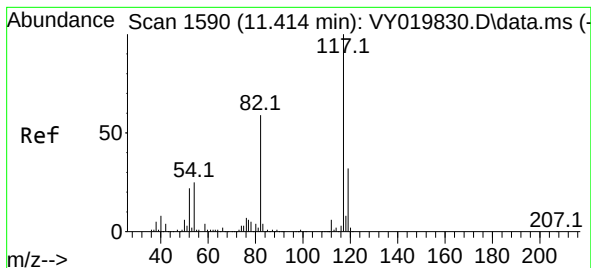
Ion Ratio Lower Upper

95 100

174 72.9 0.0 175.6

176 70.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

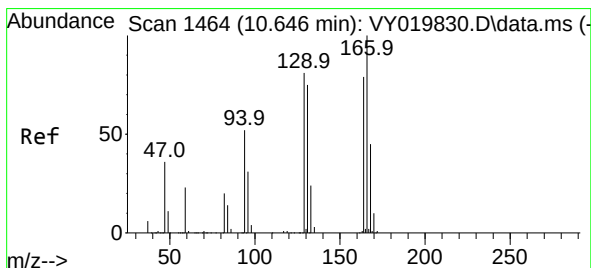
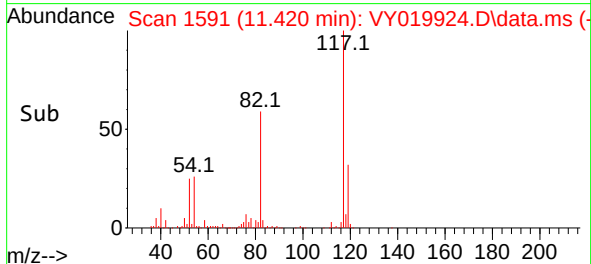
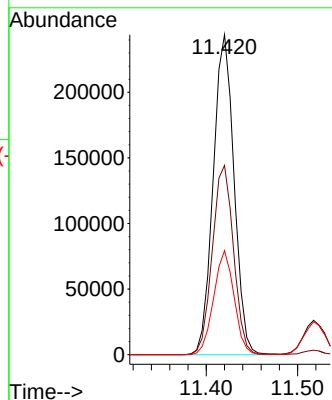
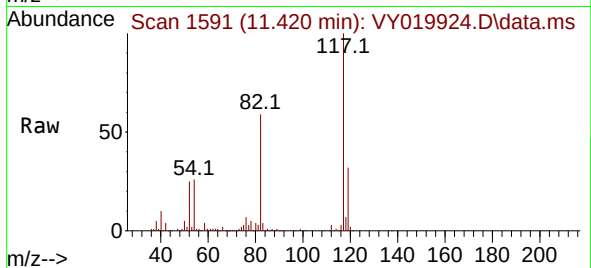
Tgt Ion:117 Resp: 386309

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 18.117 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Tgt Ion:164 Resp: 49781

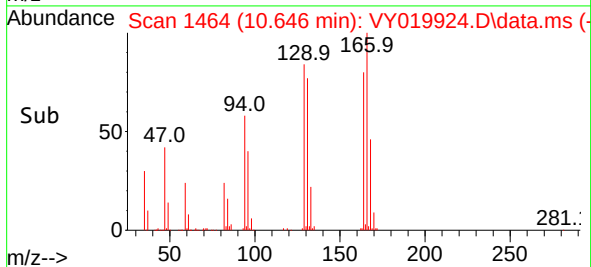
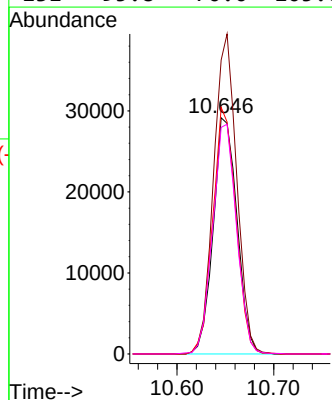
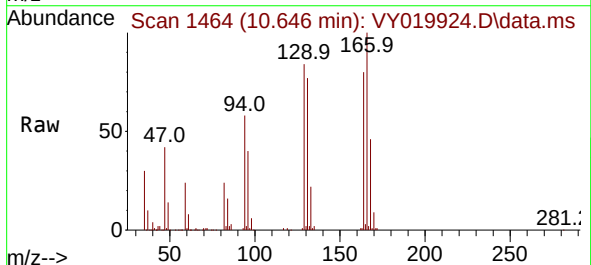
Ion Ratio Lower Upper

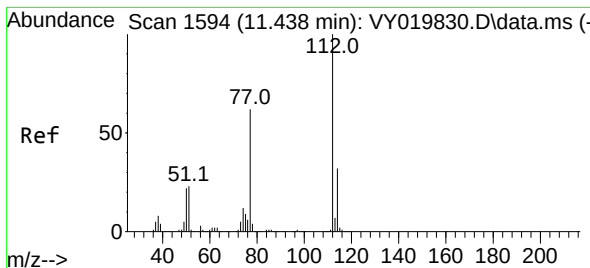
164 100

166 124.5 102.6 154.0

129 104.4 72.0 108.0

131 95.8 70.0 105.0





#65

Chlorobenzene

Concen: 19.726 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

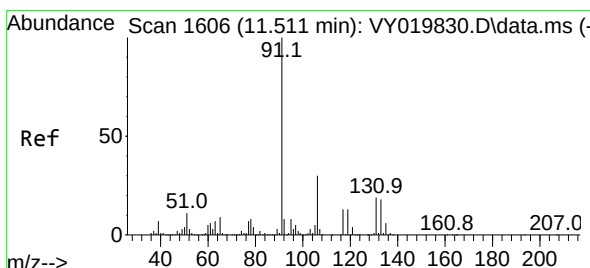
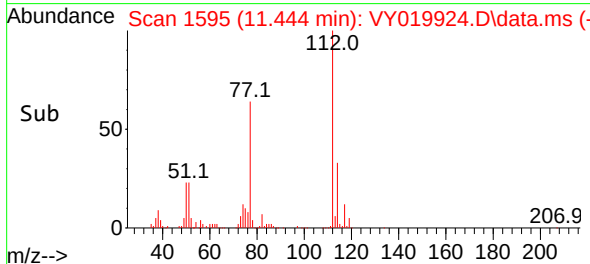
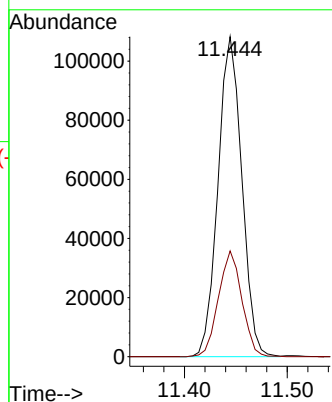
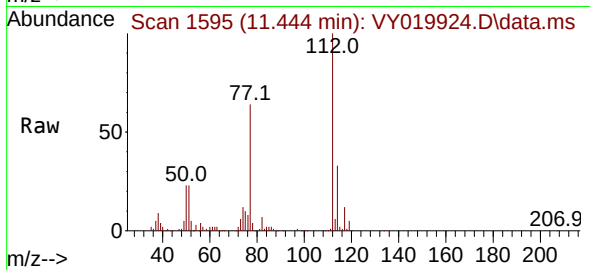
ClientSampleId :

Tgt Ion:112 Resp: 174292

Ion Ratio Lower Upper

112 100

114 33.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.556 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

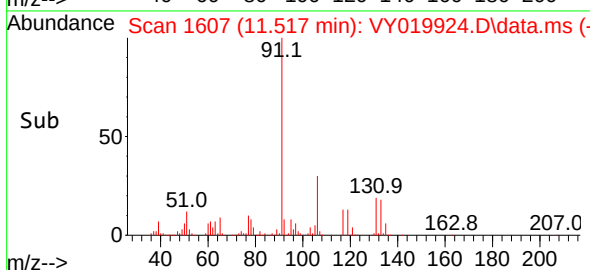
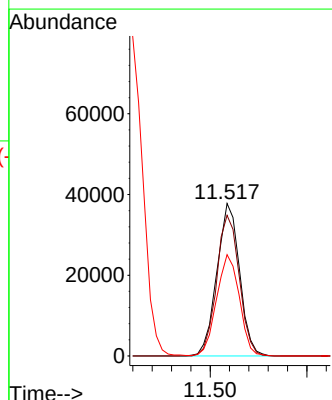
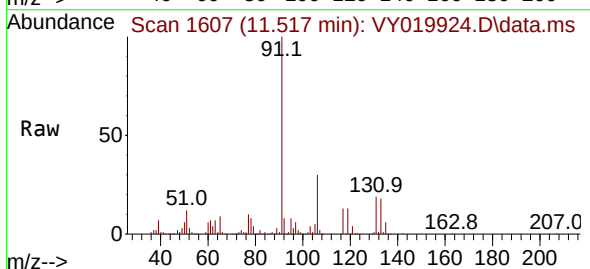
Tgt Ion:131 Resp: 61452

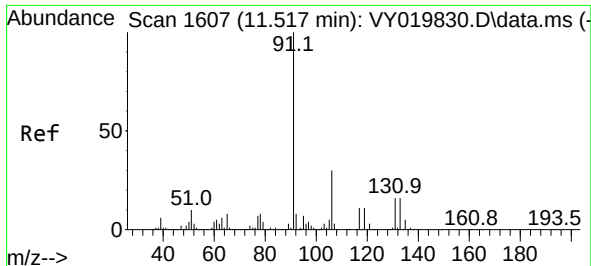
Ion Ratio Lower Upper

131 100

133 92.0 47.8 143.3

119 66.6 34.1 102.2

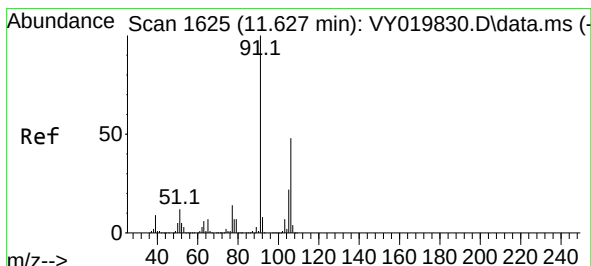
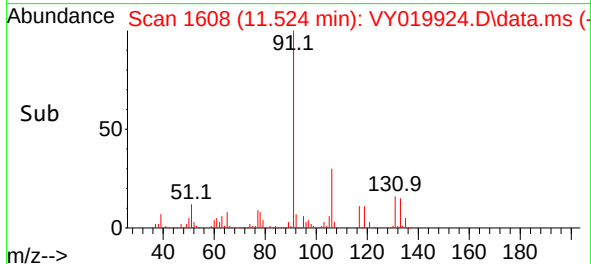
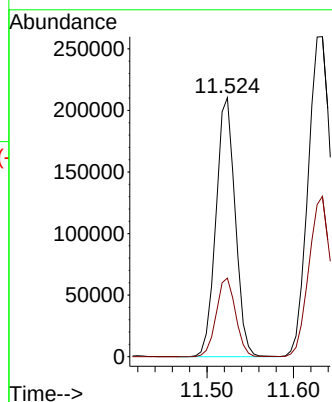
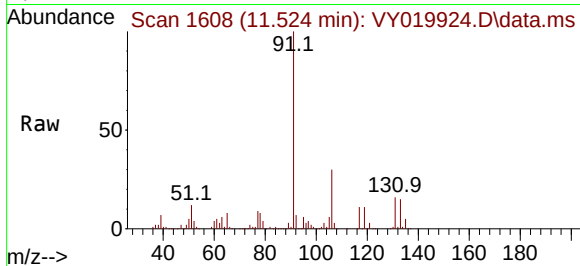




#67
Ethyl Benzene
Concen: 20.201 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

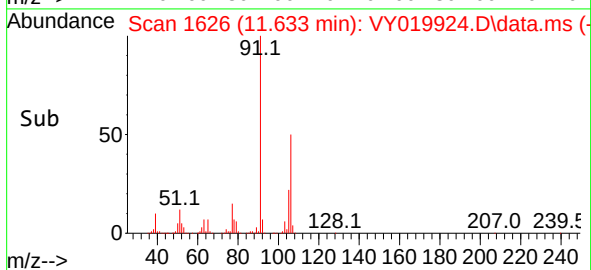
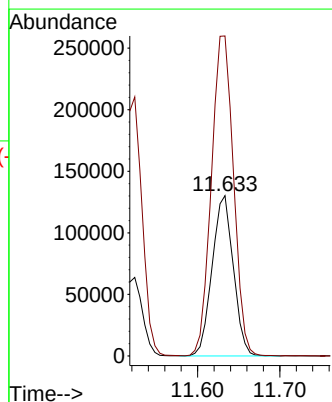
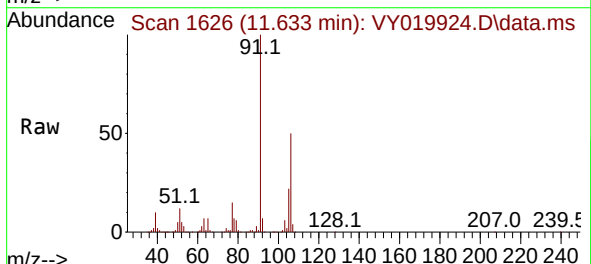
Instrument :
MSVOA_Y
ClientSampleId :

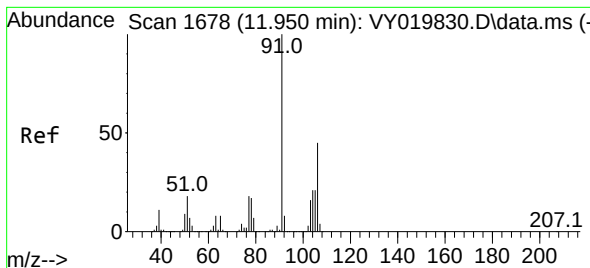
Tgt Ion: 91 Resp: 324237
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7



#68
m/p-Xylenes
Concen: 39.384 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion:106 Resp: 233459
Ion Ratio Lower Upper
106 100
91 208.4 156.0 234.0





#69

o-Xylene

Concen: 20.089 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

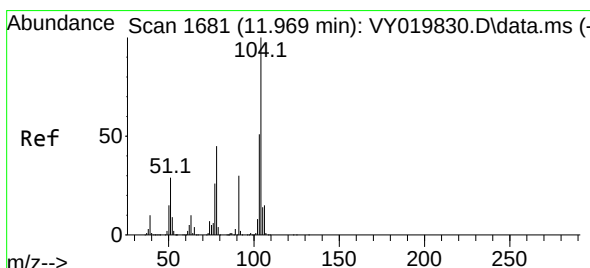
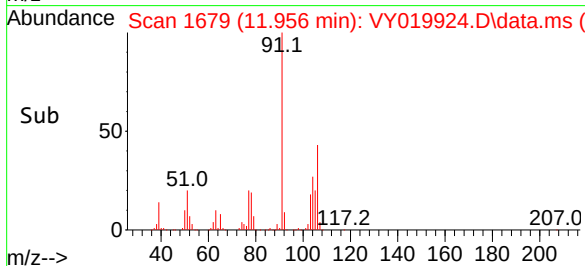
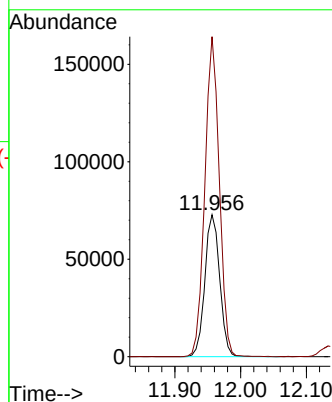
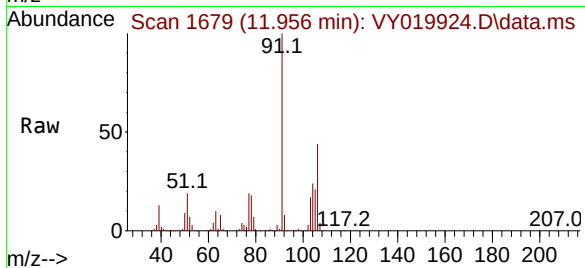
ClientSampleId :

Tgt Ion:106 Resp: 114417

Ion Ratio Lower Upper

106 100

91 219.4 103.6 310.8



#70

Styrene

Concen: 19.807 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

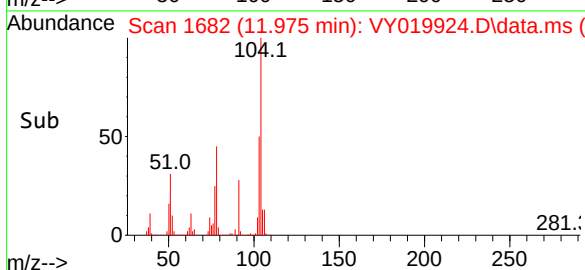
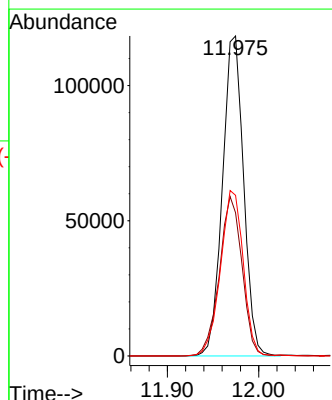
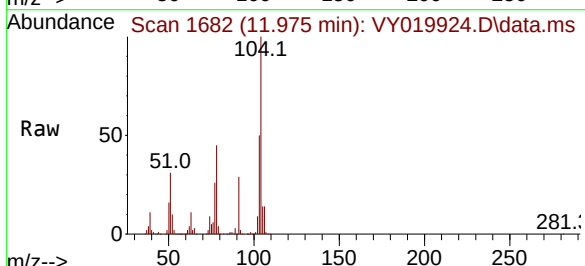
Tgt Ion:104 Resp: 190332

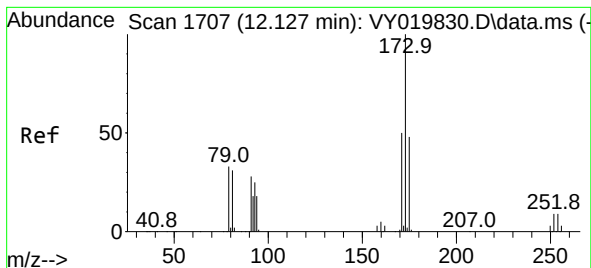
Ion Ratio Lower Upper

104 100

78 53.5 37.0 55.4

103 55.6 44.2 66.2





#71

Bromoform

Concen: 18.945 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

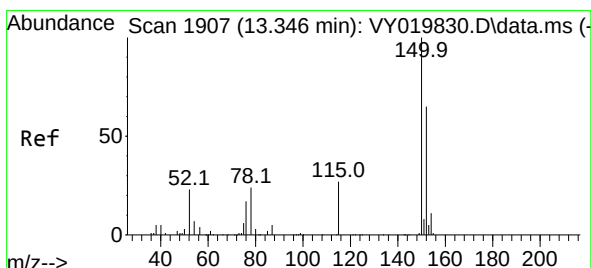
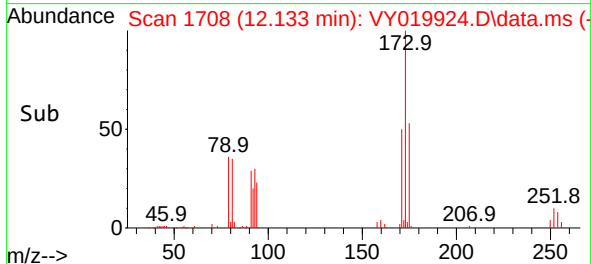
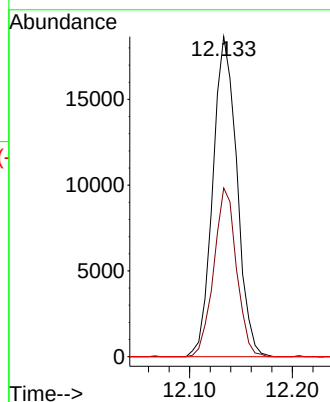
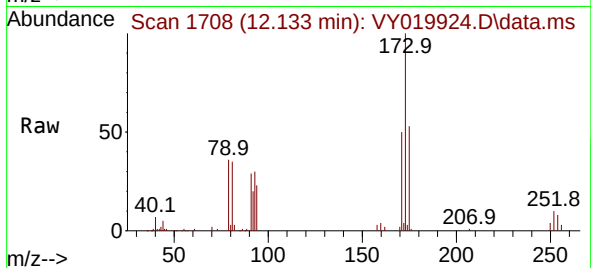
Tgt Ion:173 Resp: 30318

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

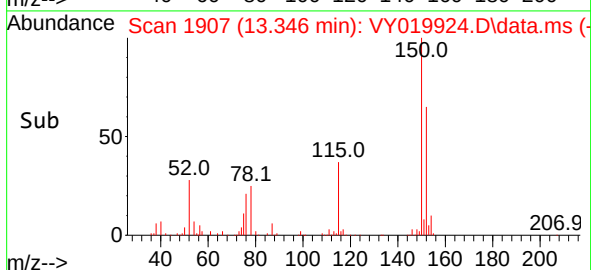
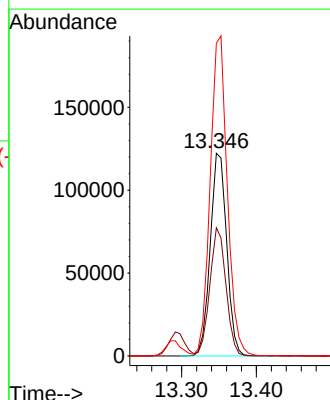
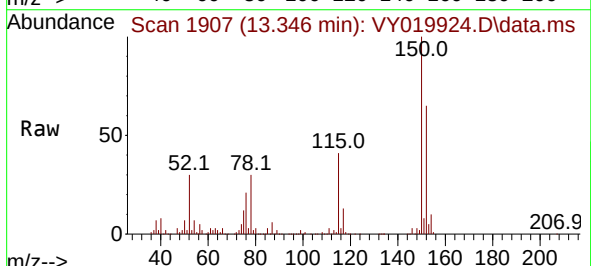
Tgt Ion:152 Resp: 187162

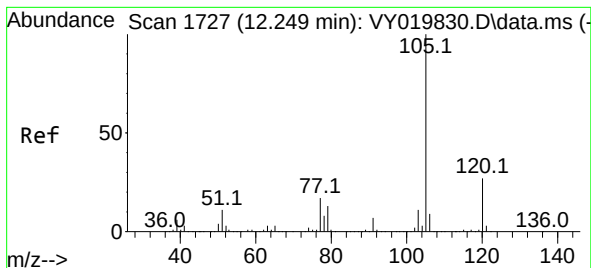
Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 163.5 0.0 345.6





#73

Isopropylbenzene

Concen: 19.807 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

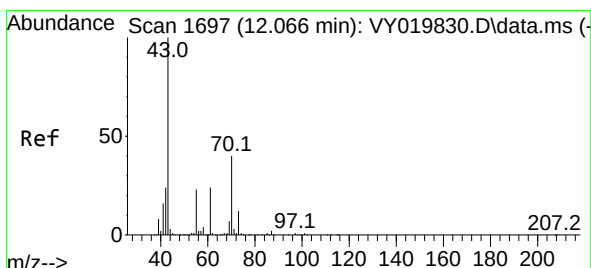
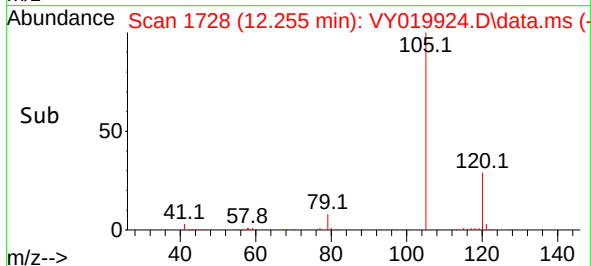
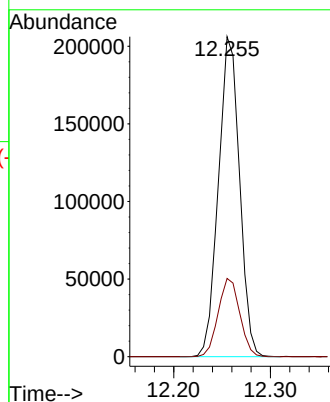
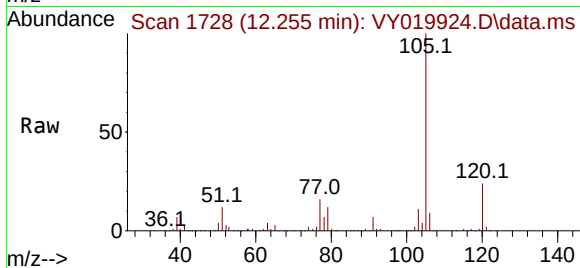
ClientSampleId :

Tgt Ion:105 Resp: 311818

Ion Ratio Lower Upper

105 100

120 25.0 13.4 40.1



#74

N-ethyl acetate

Concen: 19.499 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Tgt Ion: 43 Resp: 81305

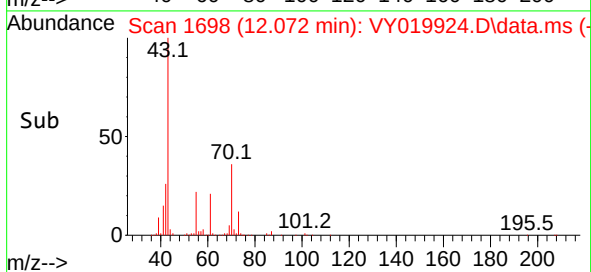
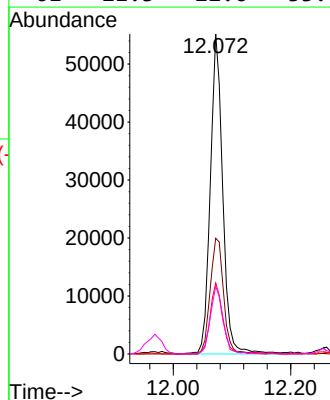
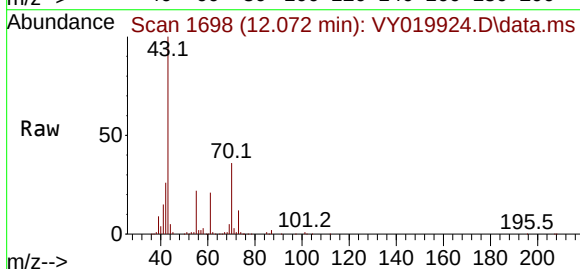
Ion Ratio Lower Upper

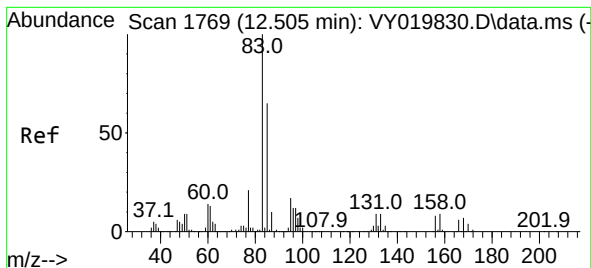
43 100

70 39.3 41.4 62.2#

55 22.5 23.3 34.9#

61 21.3 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.666 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

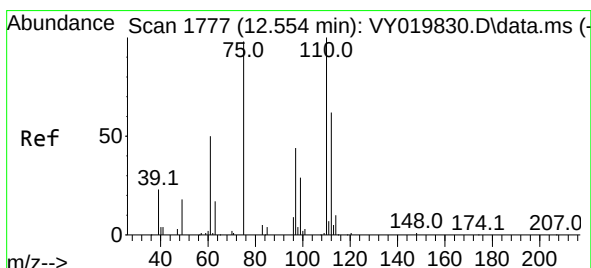
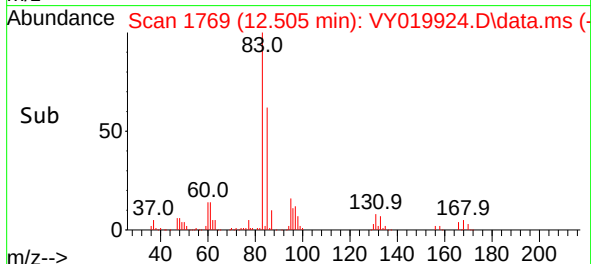
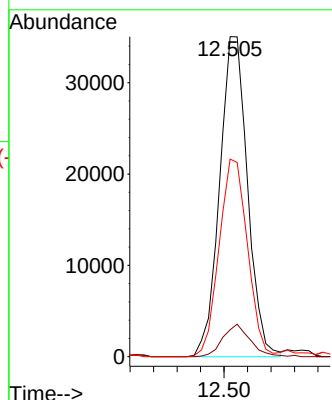
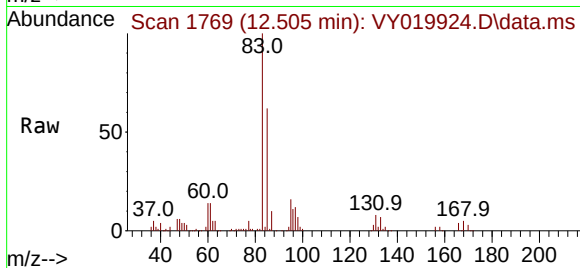
Tgt Ion: 83 Resp: 57810

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 19.246 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019924.D

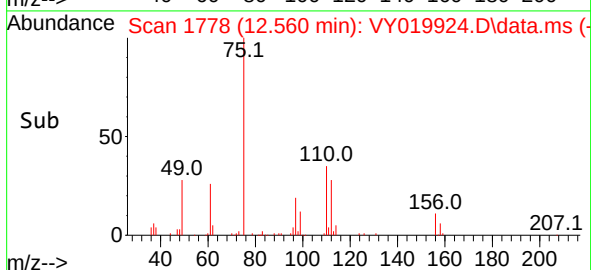
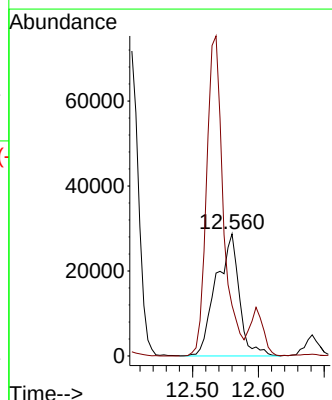
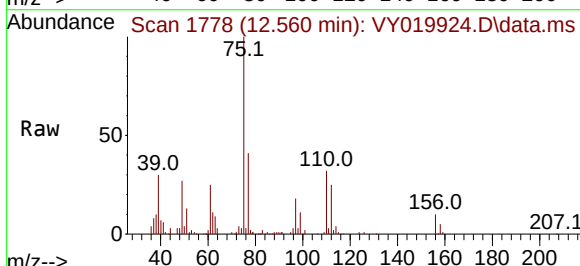
Acq: 17 Oct 2024 12:08

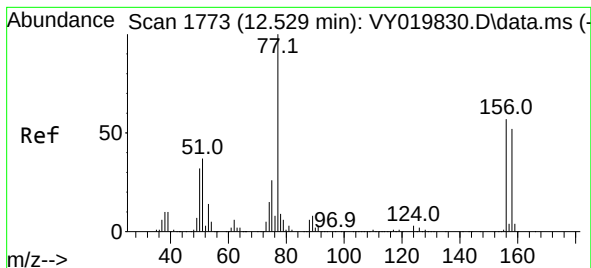
Tgt Ion: 75 Resp: 70565

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.268 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

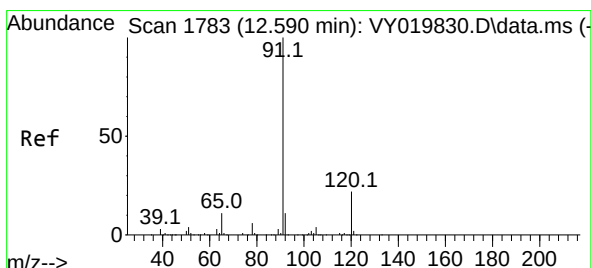
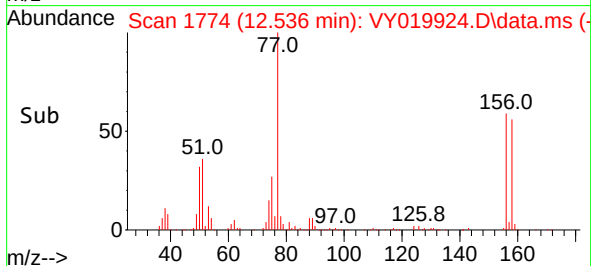
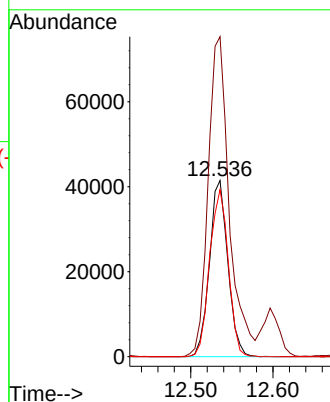
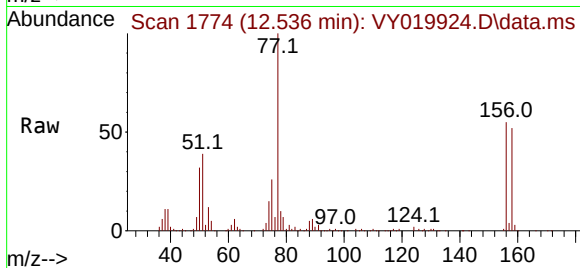
Tgt Ion:156 Resp: 64369

Ion Ratio Lower Upper

156 100

77 208.4 87.1 261.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 20.028 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019924.D

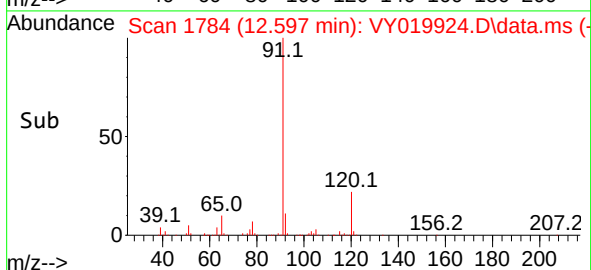
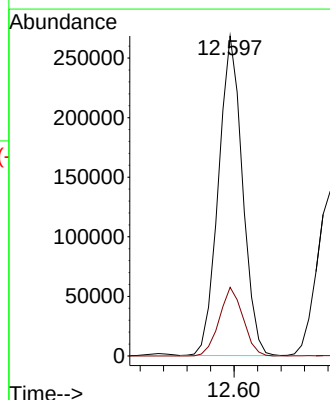
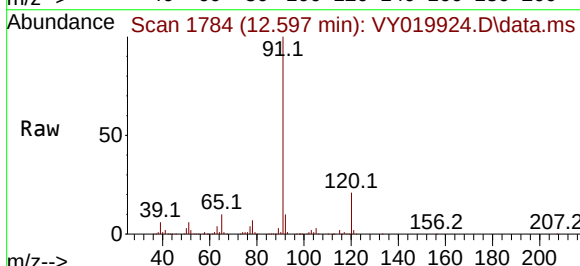
Acq: 17 Oct 2024 12:08

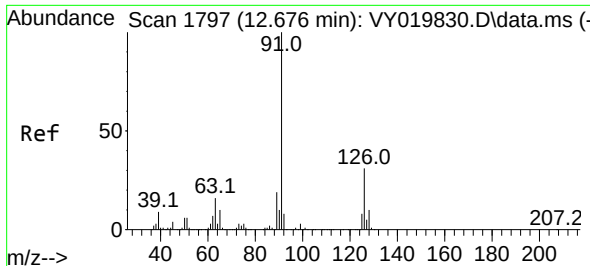
Tgt Ion: 91 Resp: 380987

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.583 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

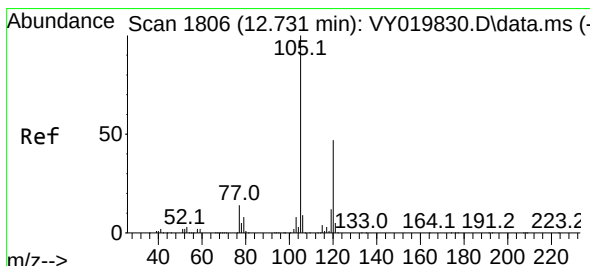
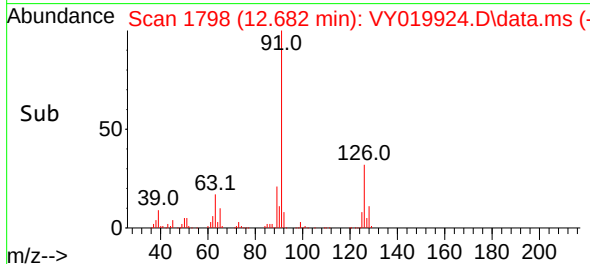
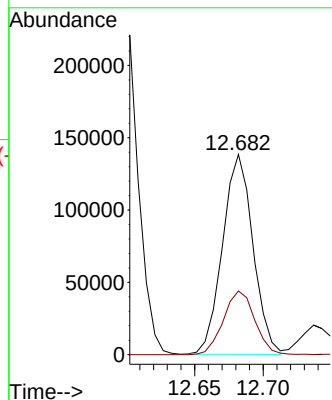
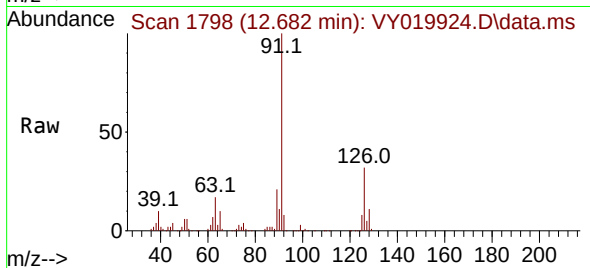
ClientSampleId :

Tgt Ion: 91 Resp: 213565

Ion Ratio Lower Upper

91 100

126 32.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.582 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019924.D

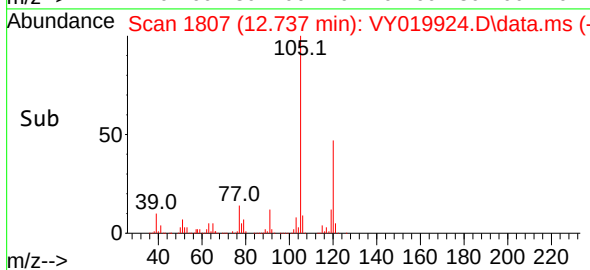
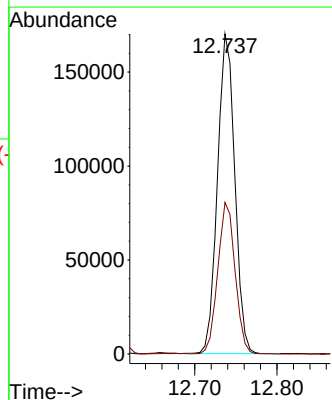
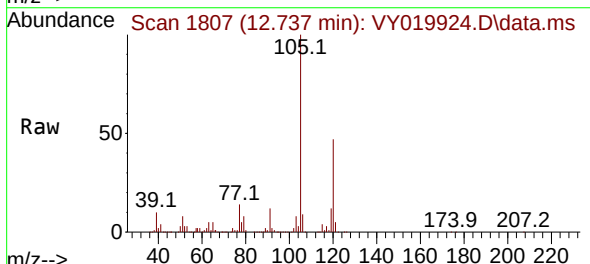
Acq: 17 Oct 2024 12:08

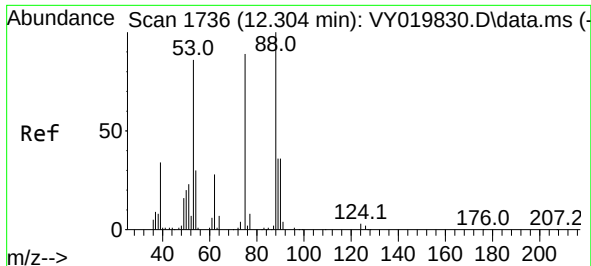
Tgt Ion:105 Resp: 248962

Ion Ratio Lower Upper

105 100

120 47.5 25.1 75.2

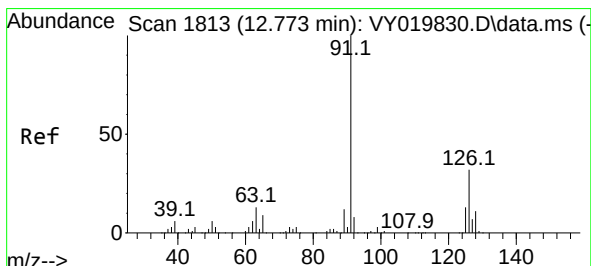
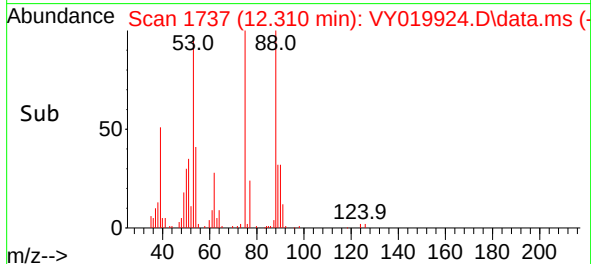
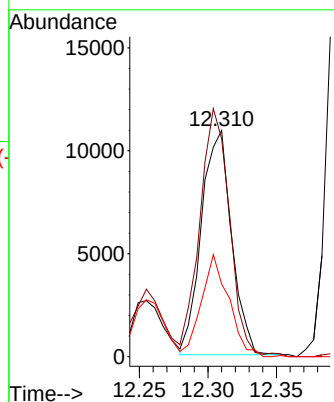
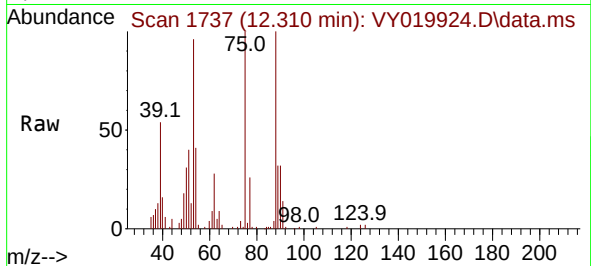




#81
trans-1,4-Dichloro-2-butene
Concen: 18.374 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

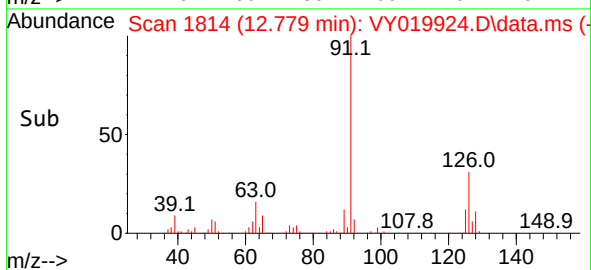
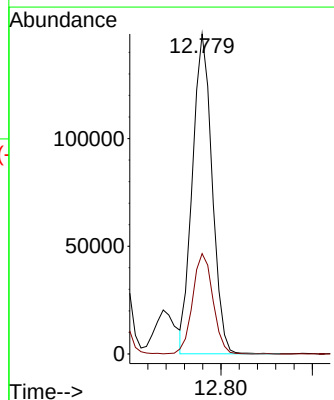
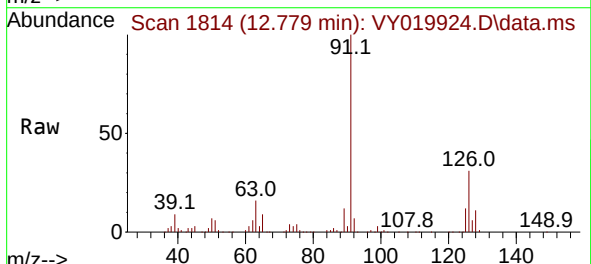
Instrument :
MSVOA_Y
ClientSampleId :

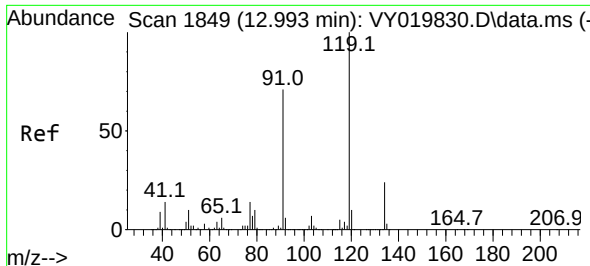
Tgt Ion: 75 Resp: 16690
Ion Ratio Lower Upper
75 100
53 109.0 66.8 100.2#
89 41.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion: 91 Resp: 221516
Ion Ratio Lower Upper
91 100
126 32.5 17.6 52.9

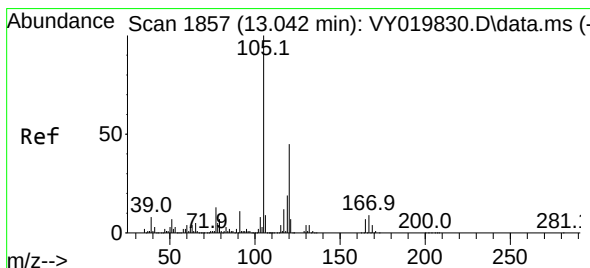
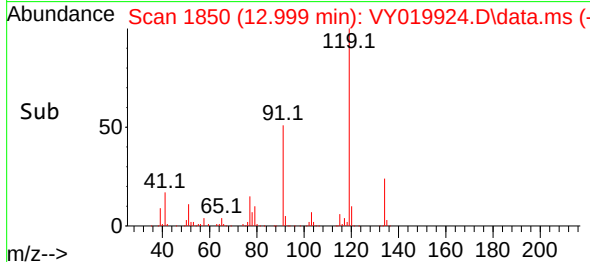
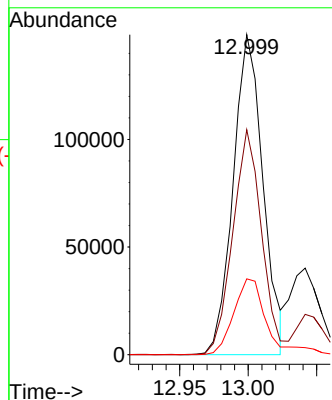
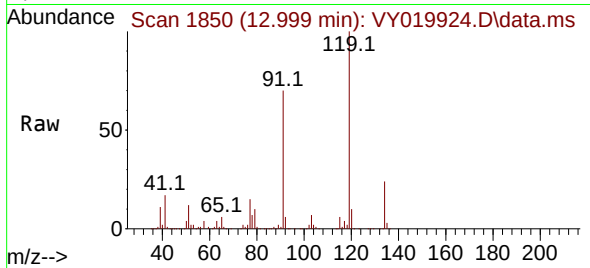




#83
tert-Butylbenzene
Concen: 19.807 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

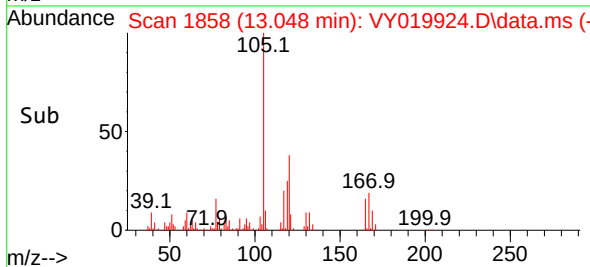
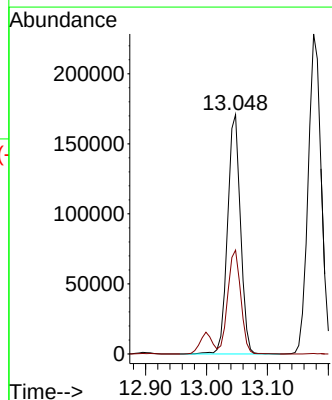
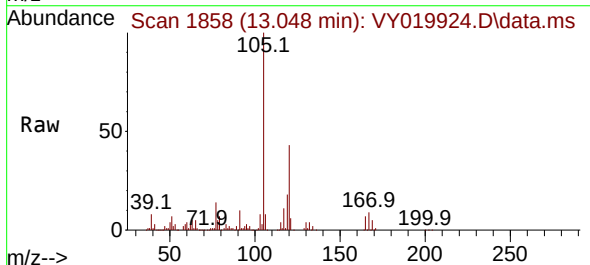
Instrument :
MSVOA_Y
ClientSampleId :

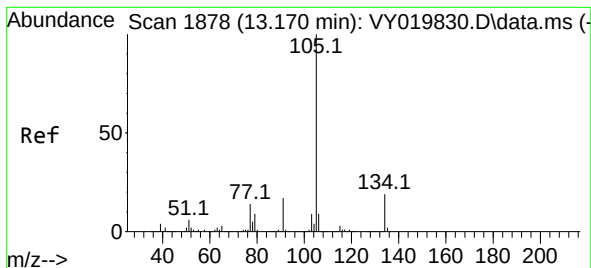
Tgt Ion:119 Resp: 225595
Ion Ratio Lower Upper
119 100
91 68.4 31.3 93.8
134 26.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.936 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY019924.D
Acq: 17 Oct 2024 12:08

Tgt Ion:105 Resp: 251291
Ion Ratio Lower Upper
105 100
120 43.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.925 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

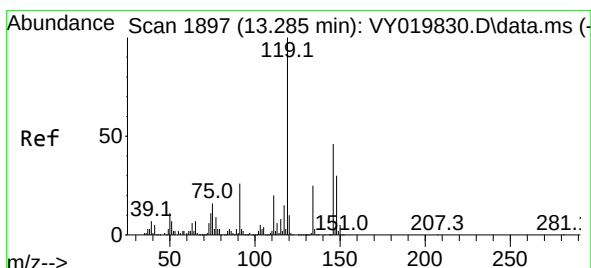
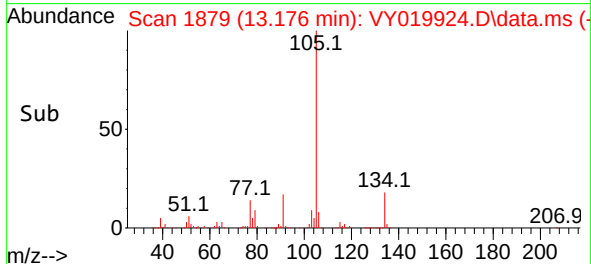
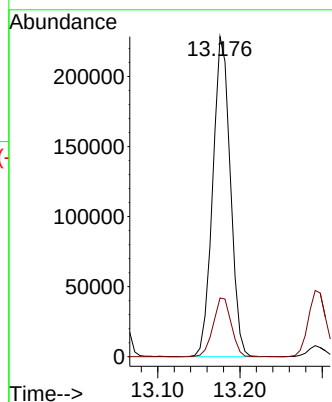
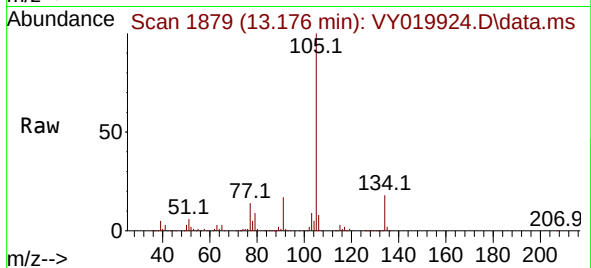
ClientSampleId :

Tgt Ion:105 Resp: 339054

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.536 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

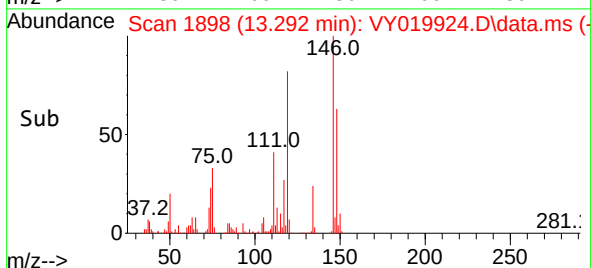
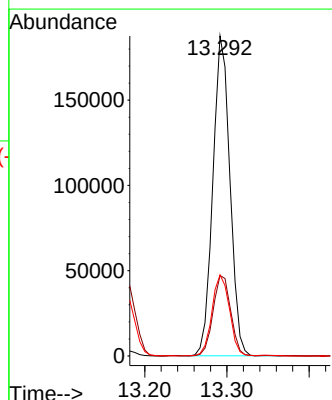
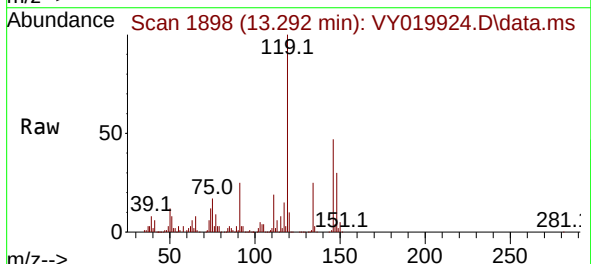
Tgt Ion:119 Resp: 269955

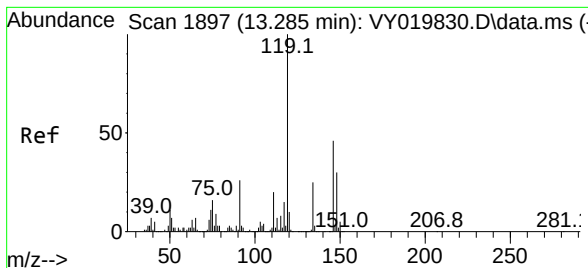
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 26.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.779 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

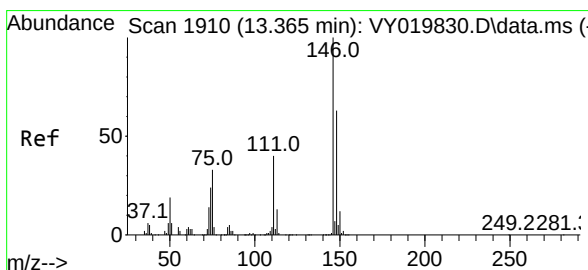
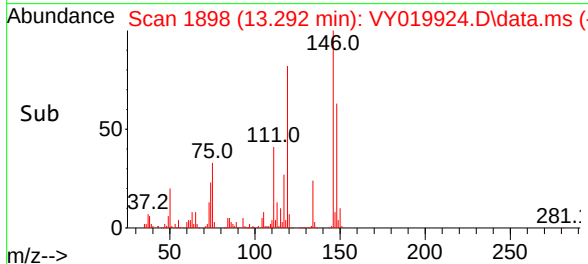
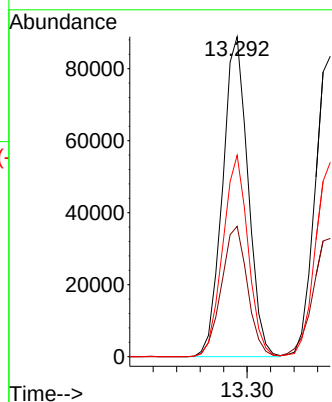
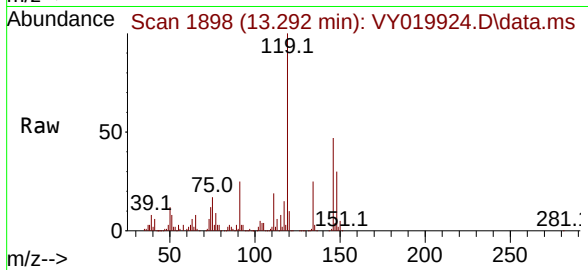
Tgt Ion:146 Resp: 133438

Ion Ratio Lower Upper

146 100

111 41.9 19.0 57.0

148 62.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.794 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

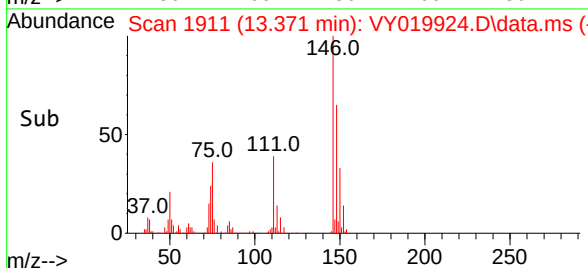
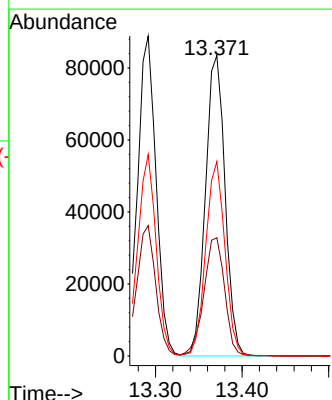
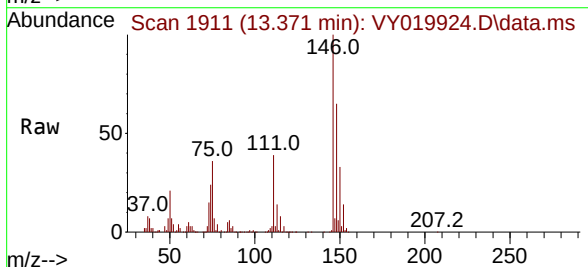
Tgt Ion:146 Resp: 131192

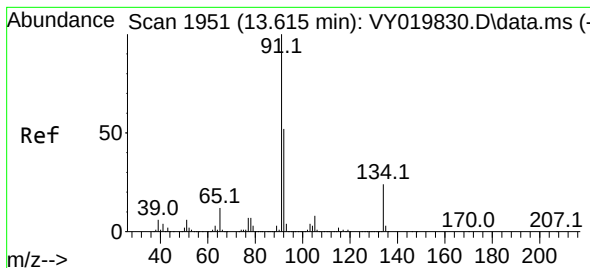
Ion Ratio Lower Upper

146 100

111 41.6 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 20.140 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

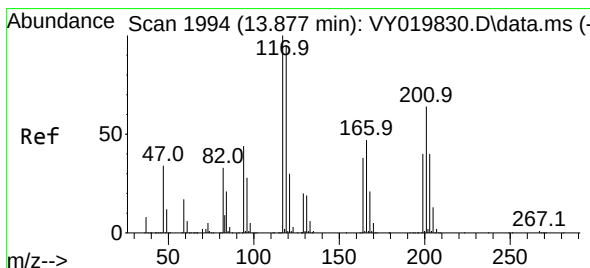
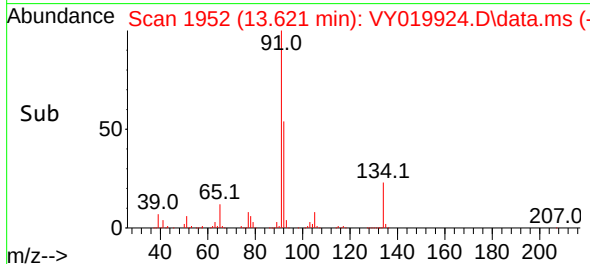
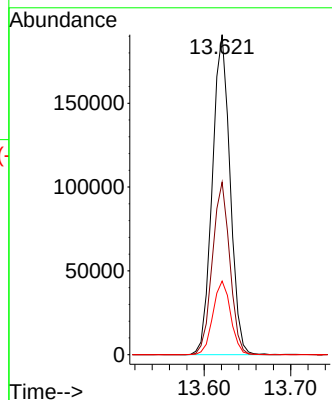
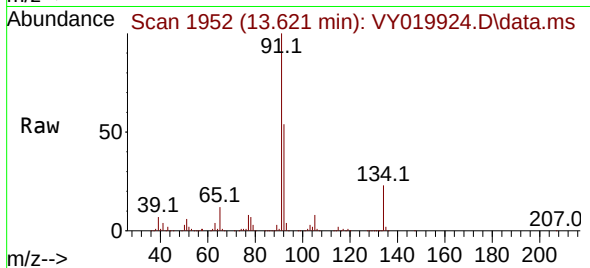
Tgt Ion: 91 Resp: 271741

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 23.0 12.9 38.7



#90

Hexachloroethane

Concen: 19.701 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019924.D

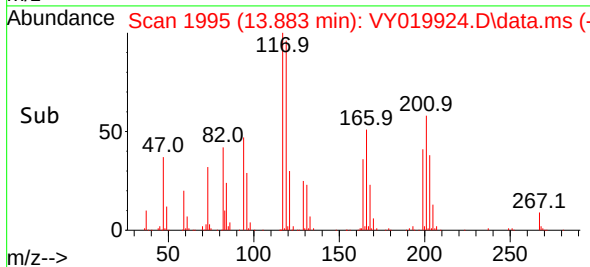
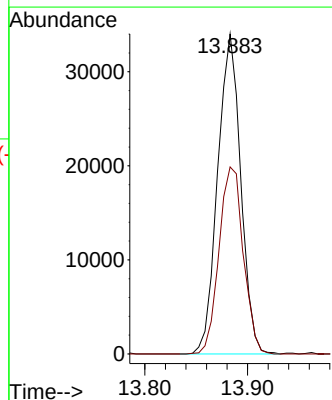
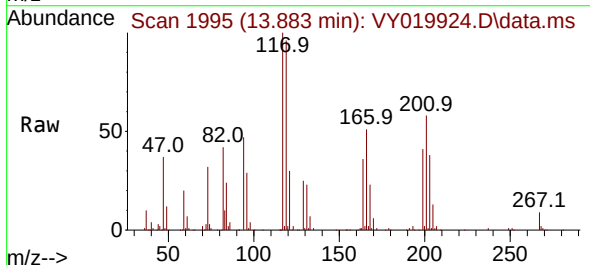
Acq: 17 Oct 2024 12:08

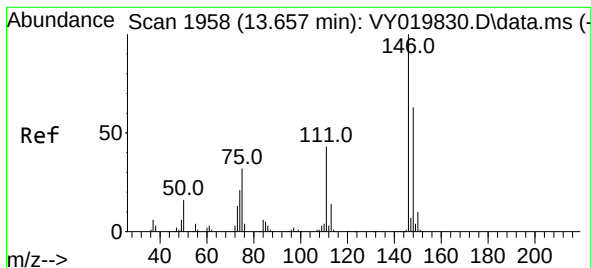
Tgt Ion: 117 Resp: 53010

Ion Ratio Lower Upper

117 100

201 61.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.389 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

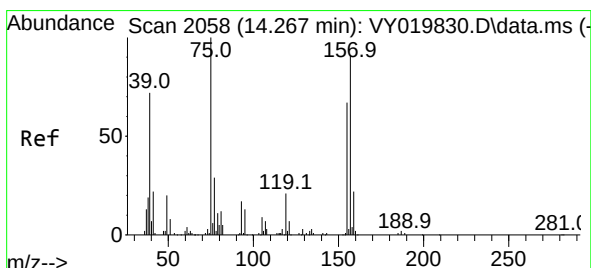
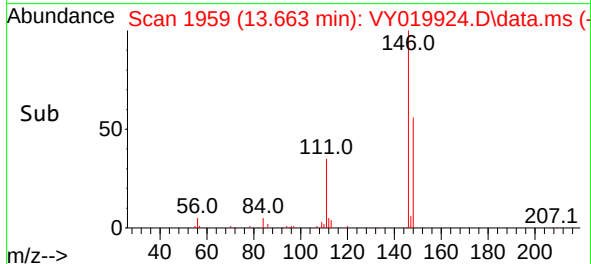
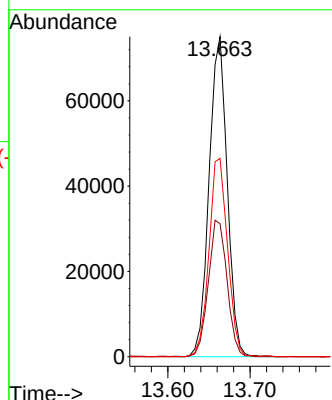
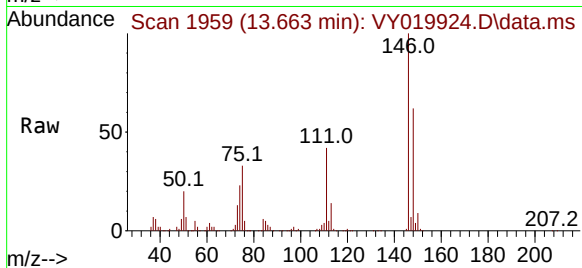
Tgt Ion:146 Resp: 114935

Ion Ratio Lower Upper

146 100

111 44.0 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.689 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

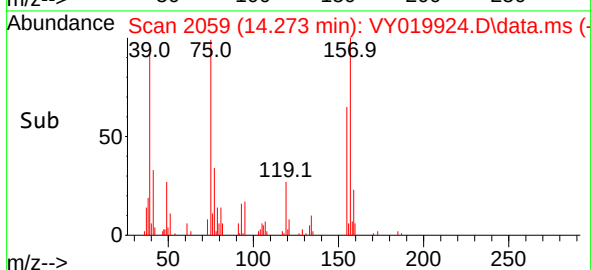
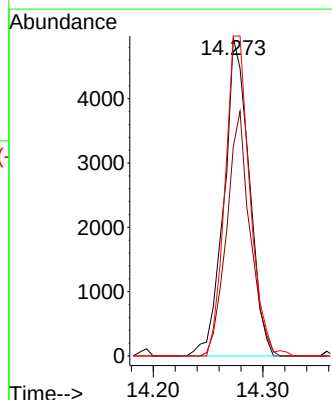
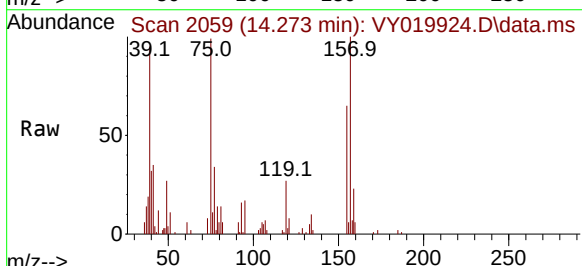
Tgt Ion: 75 Resp: 7897

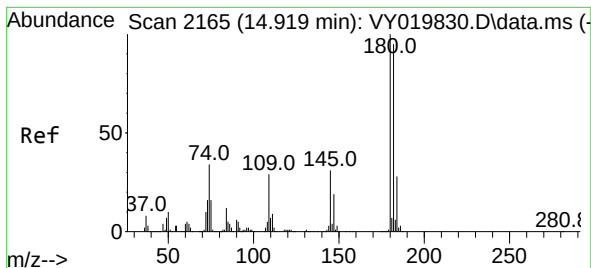
Ion Ratio Lower Upper

75 100

155 71.5 48.6 145.8

157 98.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.047 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

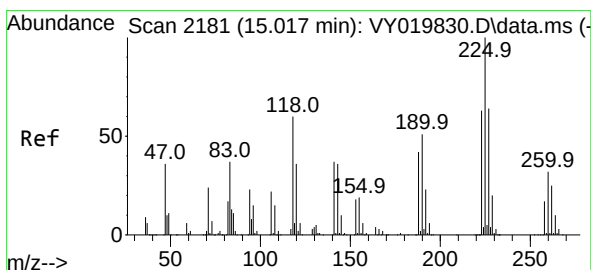
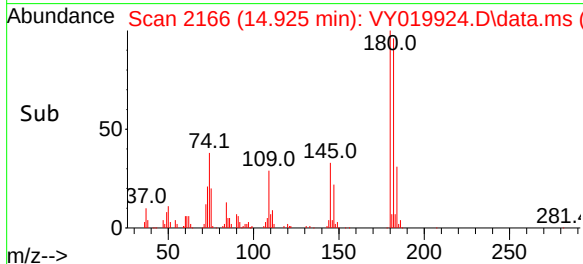
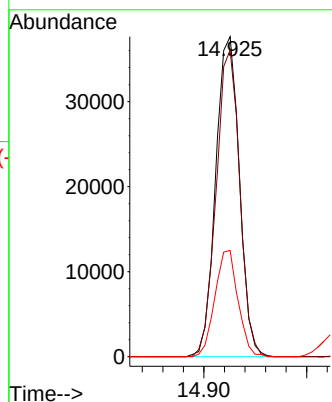
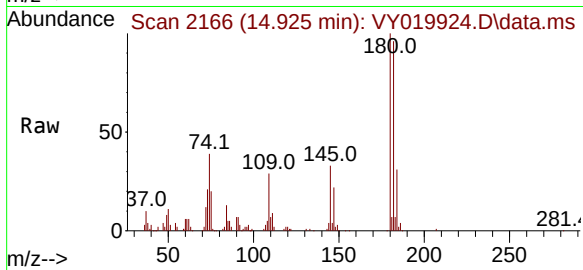
Tgt Ion:180 Resp: 59987

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.497 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

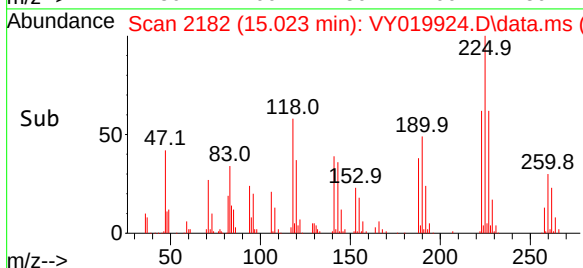
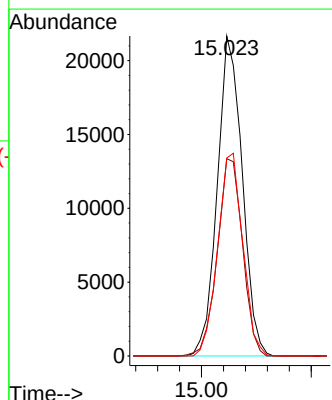
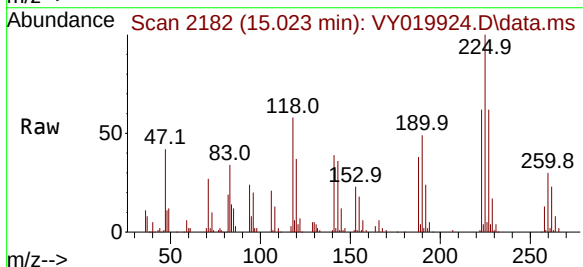
Tgt Ion:225 Resp: 34181

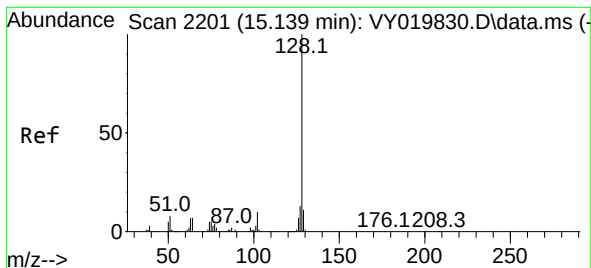
Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 18.005 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

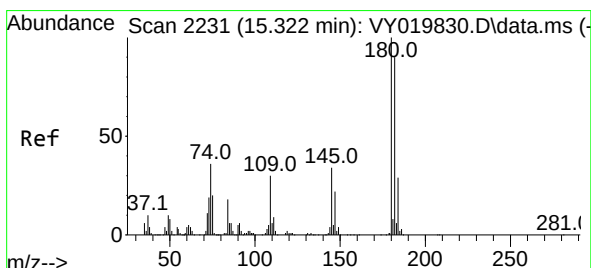
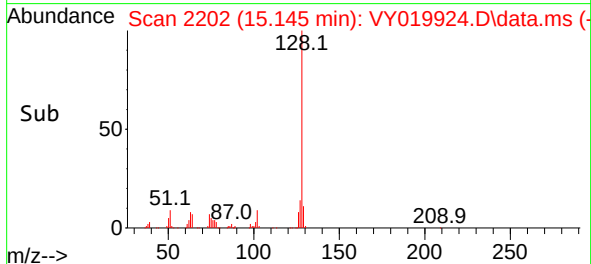
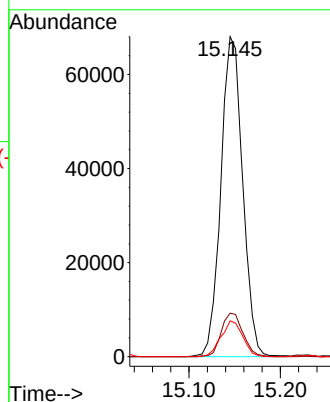
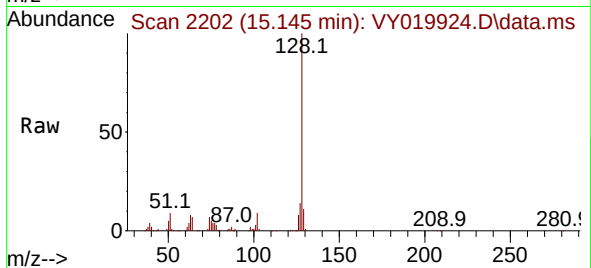
Tgt Ion:128 Resp: 112876

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.350 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019924.D

Acq: 17 Oct 2024 12:08

Tgt Ion:180 Resp: 51561

Ion Ratio Lower Upper

180 100

182 93.1 47.6 142.9

145 34.3 15.4 46.1

