

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019830.D
 Acq On : 09 Oct 2024 11:26
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:17:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:14:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	376582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	652229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	562284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	271955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218635	47.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.300%
35) Dibromofluoromethane	7.634	113	209339	48.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.103	98	772997	48.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.401	95	277970	48.402	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	172619	49.240	ug/l	100
3) Chloromethane	2.068	50	231921	50.830	ug/l	100
4) Vinyl Chloride	2.202	62	259124	51.608	ug/l	100
5) Bromomethane	2.598	94	163168	51.342	ug/l	100
6) Chloroethane	2.732	64	171731	50.912	ug/l	100
7) Trichlorofluoromethane	3.062	101	376466	50.389	ug/l	100
8) Diethyl Ether	3.458	74	118188	52.051	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	218828	50.355	ug/l	100
10) Methyl Iodide	4.007	142	238365	54.233	ug/l	100
11) Tert butyl alcohol	4.854	59	94744	252.374	ug/l	100
12) 1,1-Dichloroethene	3.793	96	206999	51.238	ug/l	100
13) Acrolein	3.653	56	75001	220.129	ug/l	100
14) Allyl chloride	4.385	41	380793	52.240	ug/l	100
15) Acrylonitrile	5.055	53	270020	259.992	ug/l	100
16) Acetone	3.866	43	320427	265.464	ug/l	100
17) Carbon Disulfide	4.110	76	584406	53.968	ug/l	100
18) Methyl Acetate	4.385	43	131986	50.760	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	592784	51.073	ug/l	100
20) Methylene Chloride	4.616	84	233261	47.884	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	228011	51.856	ug/l	100
22) Diisopropyl ether	6.024	45	815528	51.364	ug/l	100
23) Vinyl Acetate	5.964	43	2401557	263.841	ug/l	100
24) 1,1-Dichloroethane	5.921	63	452600	51.280	ug/l	100
25) 2-Butanone	6.896	43	417253	258.255	ug/l	100
26) 2,2-Dichloropropane	6.884	77	393618	50.078	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	278623	51.276	ug/l	100
28) Bromochloromethane	7.244	49	199378	51.324	ug/l	100
29) Tetrahydrofuran	7.256	42	240189	260.365	ug/l	100
30) Chloroform	7.421	83	461316	51.274	ug/l	100
31) Cyclohexane	7.701	56	380045	49.053	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	401679	50.944	ug/l	100
36) 1,1-Dichloropropene	7.835	75	323381	52.153	ug/l	100
37) Ethyl Acetate	6.982	43	168308	52.055	ug/l	100
38) Carbon Tetrachloride	7.817	117	343937	51.741	ug/l	100
39) Methylcyclohexane	9.109	83	410379	52.526	ug/l	100
40) Benzene	8.079	78	970532	51.718	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	101564	58.039	ug/l	100
42) 1,2-Dichloroethane	8.158	62	280666	52.060	ug/l	100
43) Isopropyl Acetate	8.195	43	341732	51.825	ug/l	100
44) Trichloroethene	8.865	130	238984	52.581	ug/l	100
45) 1,2-Dichloropropane	9.140	63	238678	50.815	ug/l	100
46) Dibromomethane	9.231	93	132799	51.749	ug/l	100
47) Bromodichloromethane	9.420	83	353916	51.958	ug/l	100
48) Methyl methacrylate	9.219	41	154785	53.365	ug/l	100
49) 1,4-Dioxane	9.225	88	30969	1078.234	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	877883	261.016	ug/l	100
52) Toluene	10.170	92	613036	52.335	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	324446	52.938	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	377341	52.179	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	175360	51.866	ug/l	100
56) Ethyl methacrylate	10.438	69	263123	54.236	ug/l	100
57) 1,3-Dichloropropane	10.713	76	309112	52.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	556812	246.542	ug/l	100
59) 2-Hexanone	10.755	43	641505	267.049	ug/l	100
60) Dibromochloromethane	10.908	129	224272	51.680	ug/l	100
61) 1,2-Dibromoethane	11.011	107	160393	52.497	ug/l	100
64) Tetrachloroethene	10.646	164	206807	51.709	ug/l	100
65) Chlorobenzene	11.438	112	658325	51.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	223562	51.379	ug/l	100
67) Ethyl Benzene	11.517	91	1216822	52.085	ug/l	100
68) m/p-Xylenes	11.627	106	895487	103.787	ug/l	100
69) o-Xylene	11.950	106	432232	52.139	ug/l	100
70) Styrene	11.969	104	733231	52.425	ug/l	100
71) Bromoform	12.127	173	123682	53.097	ug/l #	100
73) Isopropylbenzene	12.249	105	1160583	50.736	ug/l	100
74) N-amyl acetate	12.066	43	319155	52.678	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	207455	51.039	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	269070	95.264	ug/l #	100
77) Bromobenzene	12.529	156	248295	51.151	ug/l	100
78) n-propylbenzene	12.590	91	1417674	51.290	ug/l	100
79) 2-Chlorotoluene	12.676	91	808973	51.052	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	943653	51.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	68301	51.748	ug/l	100
82) 4-Chlorotoluene	12.773	91	823660	50.835	ug/l	100
83) tert-Butylbenzene	12.993	119	843078	50.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	942572	51.463	ug/l	100
85) sec-Butylbenzene	13.170	105	1283255	51.898	ug/l	100
86) p-Isopropyltoluene	13.285	119	1036077	51.602	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	494583	50.453	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	489868	50.867	ug/l	100
89) n-Butylbenzene	13.615	91	1040714	53.083	ug/l	100
90) Hexachloroethane	13.877	117	200883	51.381	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	438452	50.904	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	32794	50.555	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	262465	54.343	ug/l	100
94) Hexachlorobutadiene	15.017	225	143964	53.614	ug/l	100
95) Naphthalene	15.139	128	501768	55.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	223695	54.790	ug/l	100

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QLast Update : Thu Oct 10 05:14:43 2024
Response via : Initial Calibration

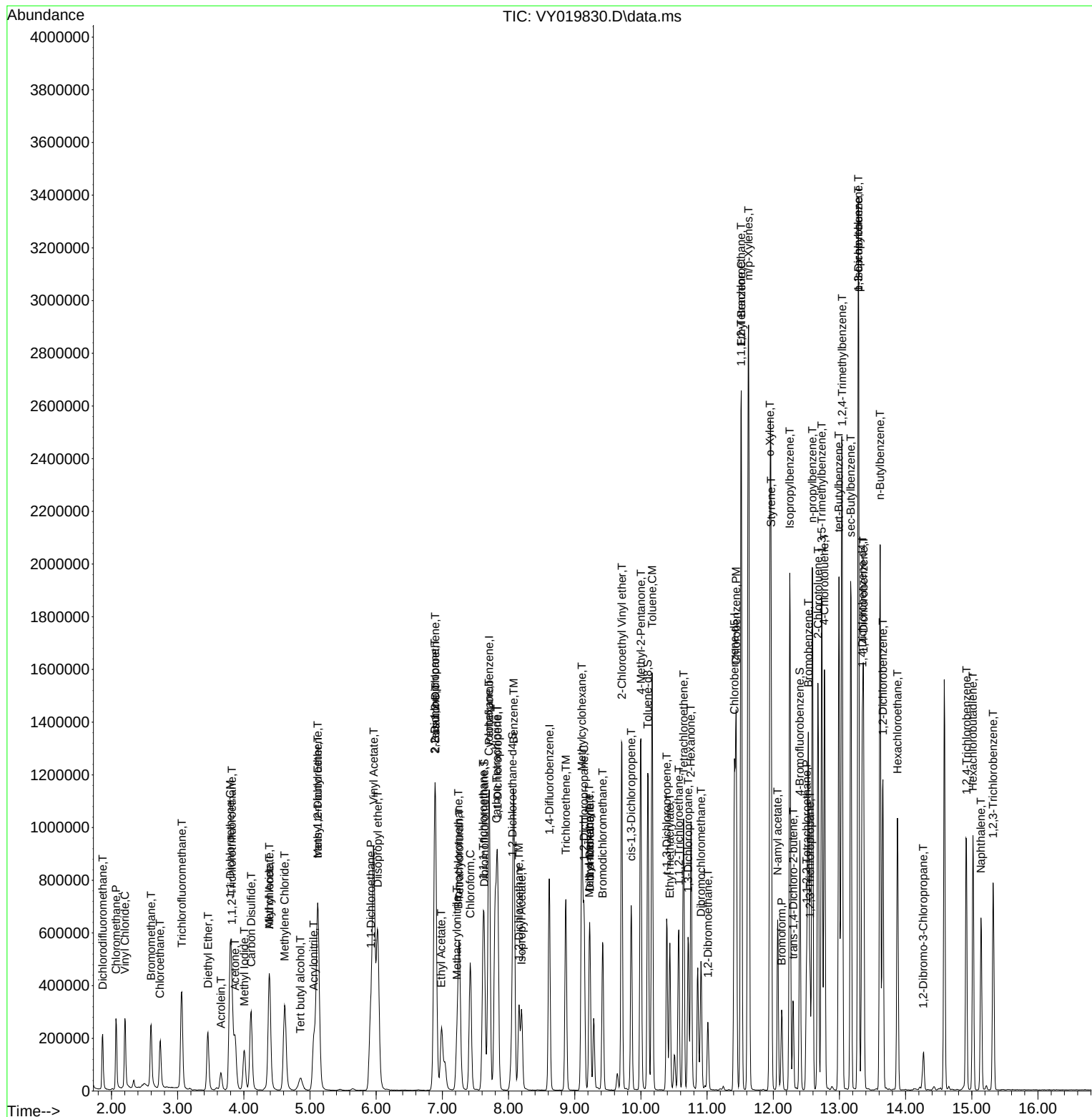
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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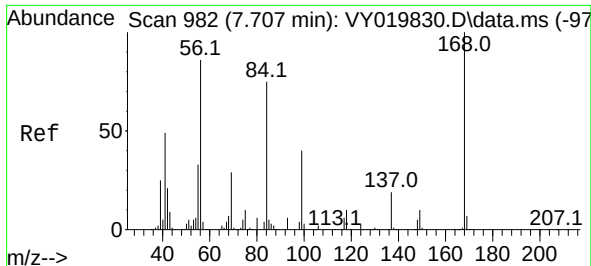
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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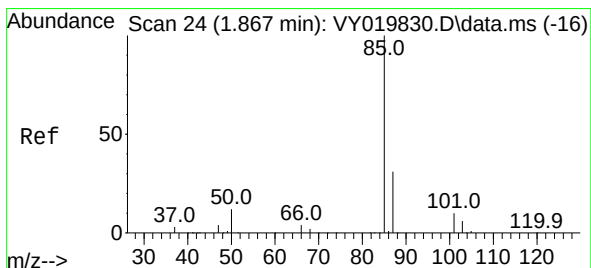
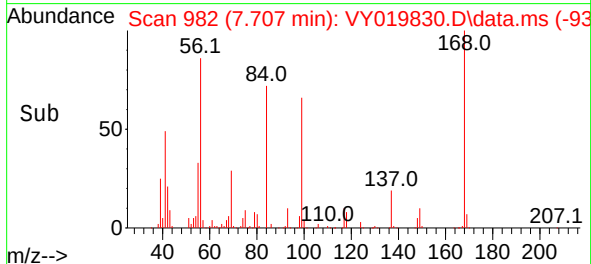
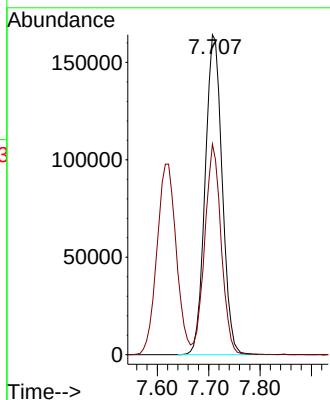
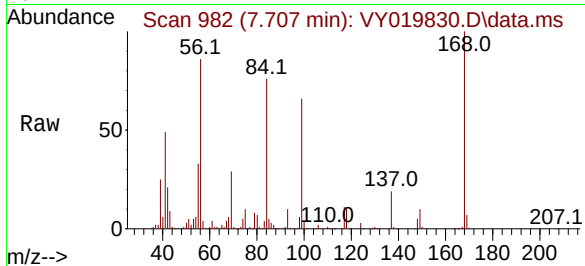




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019830.D
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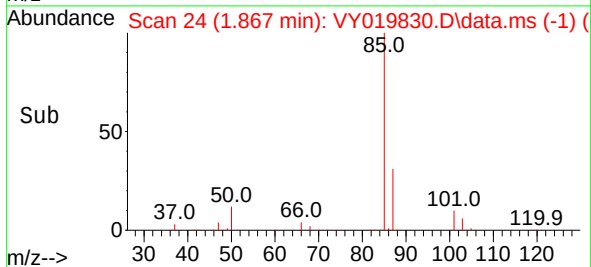
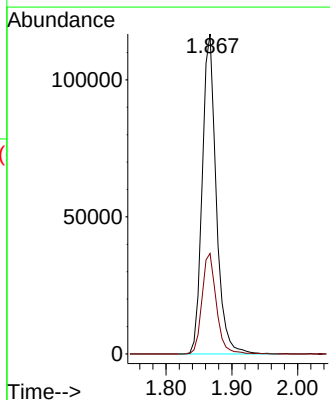
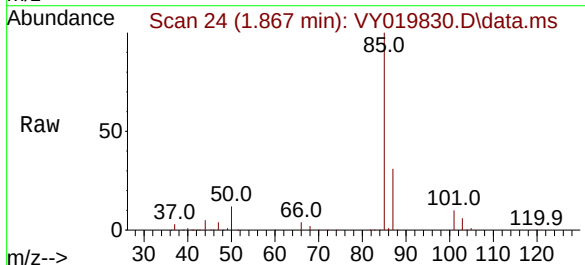
Instrument :
MSVOA_Y
ClientSampleId :

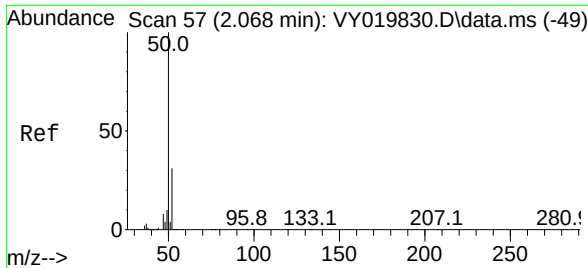
Tgt Ion:168 Resp: 376582
Ion Ratio Lower Upper
168 100
99 65.7 52.6 78.8



#2
Dichlorodifluoromethane
Concen: 49.240 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 85 Resp: 172619
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1

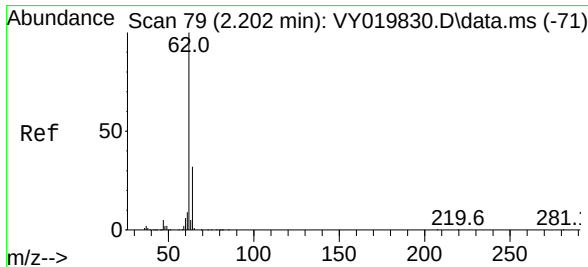
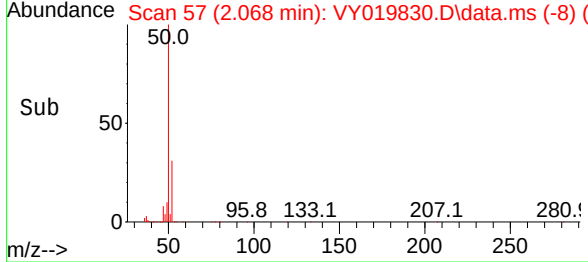
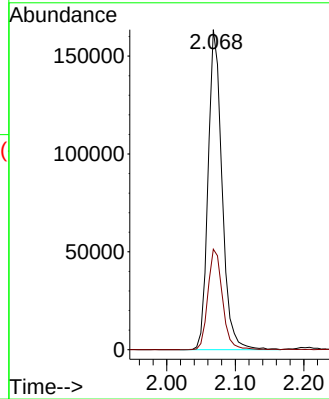
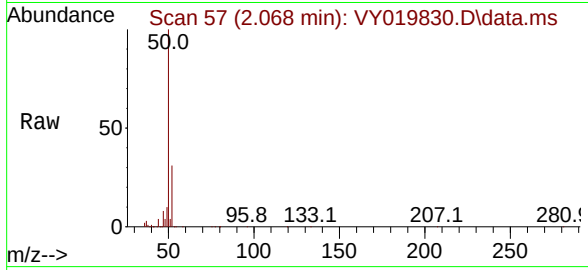




#3
Chloromethane
Concen: 50.830 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

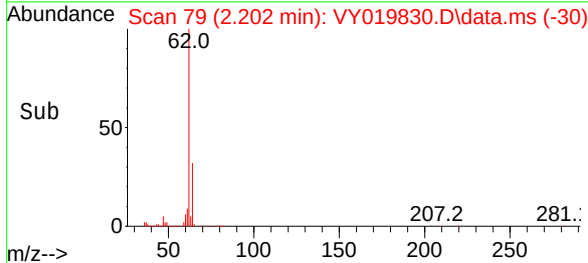
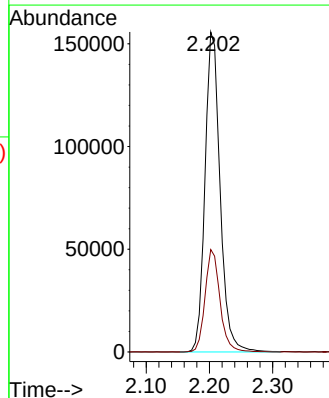
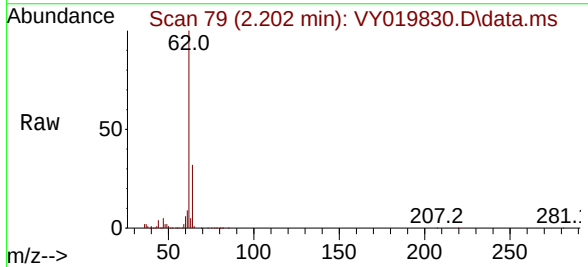
Instrument :
MSVOA_Y
ClientSampleId :

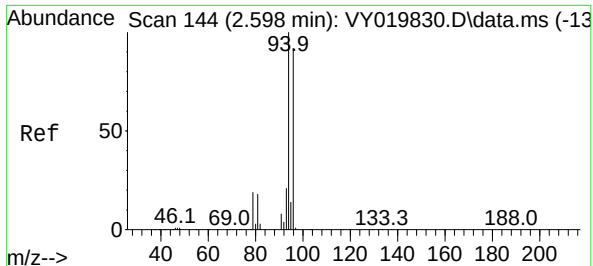
Tgt Ion: 50 Resp: 231921
Ion Ratio Lower Upper
50 100
52 31.4 25.1 37.7



#4
Vinyl Chloride
Concen: 51.608 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 62 Resp: 259124
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4

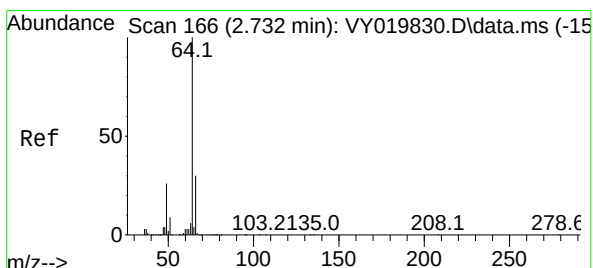
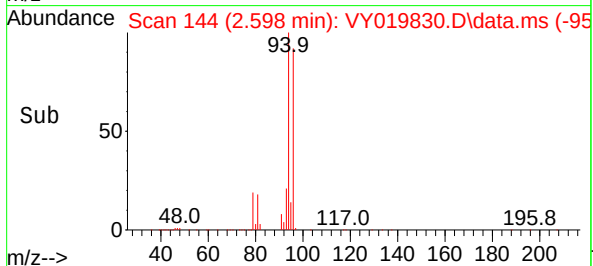
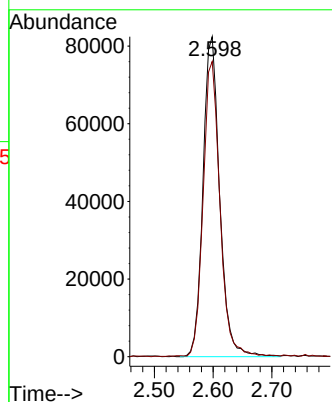
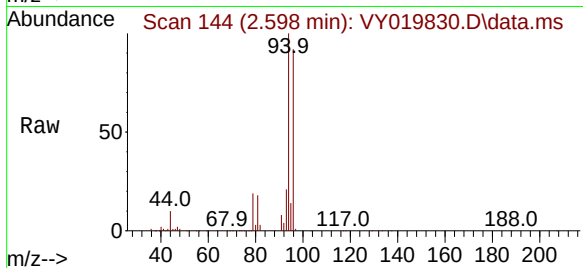




#5
Bromomethane
Concen: 51.342 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

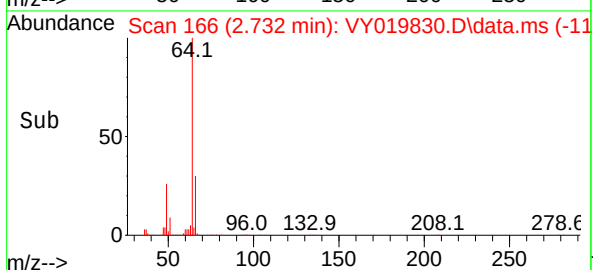
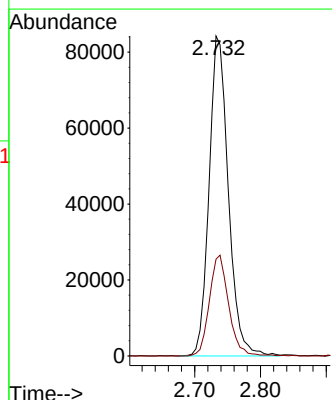
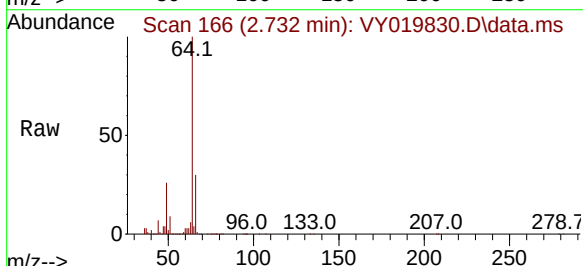
Instrument :
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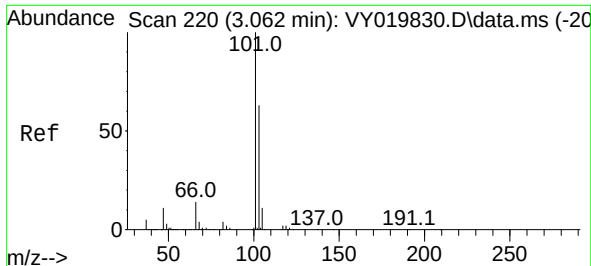
Tgt Ion: 94 Resp: 163168
Ion Ratio Lower Upper
94 100
96 92.0 73.6 110.4



#6
Chloroethane
Concen: 50.912 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY019830.D
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Tgt Ion: 64 Resp: 171731
Ion Ratio Lower Upper
64 100
66 30.2 24.2 36.2

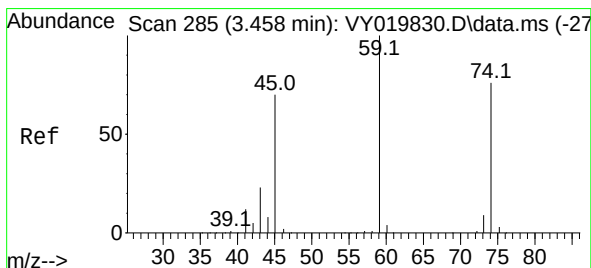
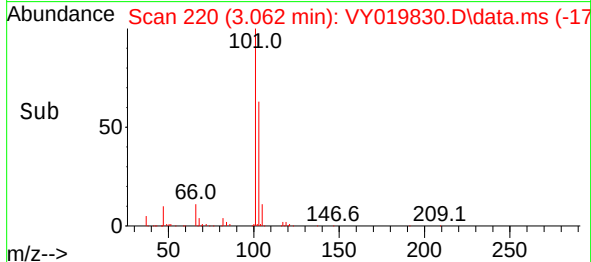
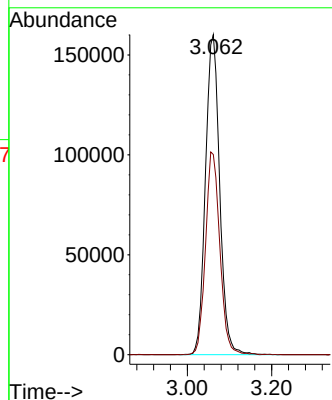
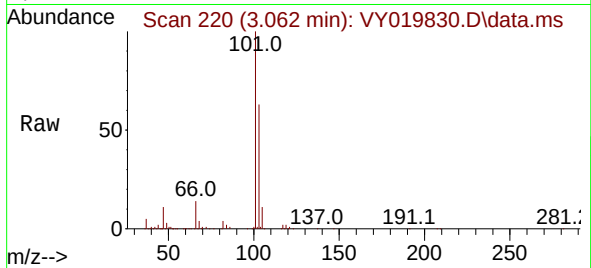




#7
Trichlorofluoromethane
Concen: 50.389 ug/l
RT: 3.062 min Scan# 220
Delta R.T. 0.000 min
Lab File: VY019830.D
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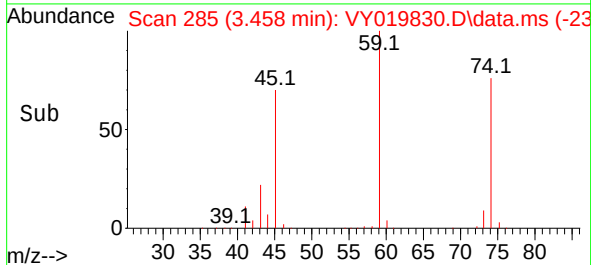
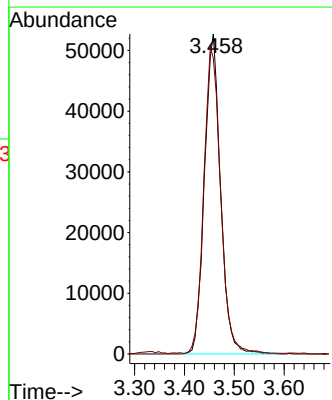
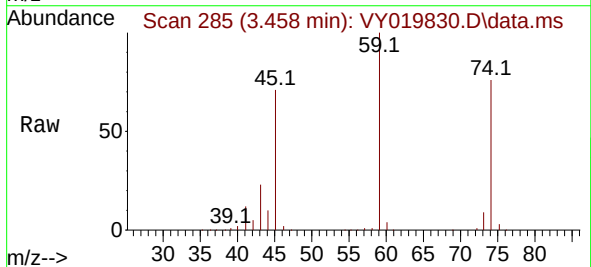
Instrument :
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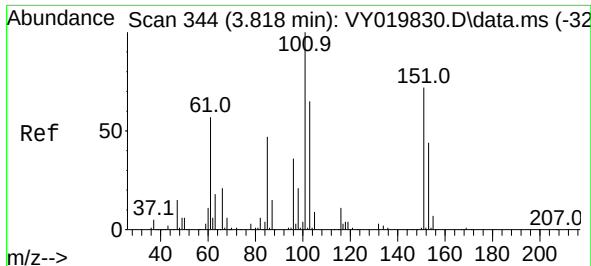
Tgt Ion:101 Resp: 376466
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1



#8
Diethyl Ether
Concen: 52.051 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 118188
Ion Ratio Lower Upper
74 100
45 99.7 49.9 149.6

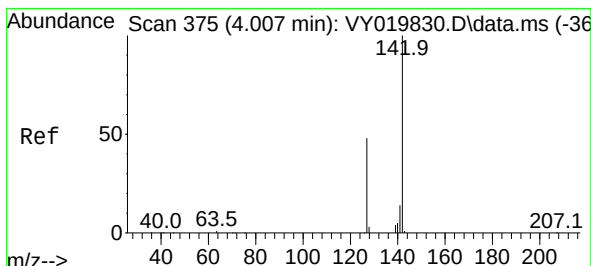
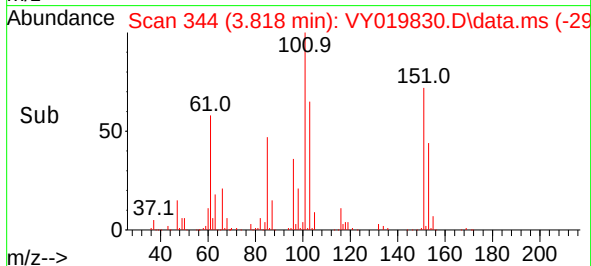
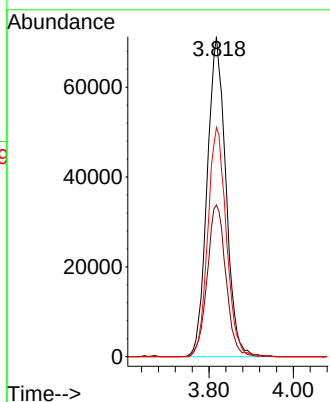
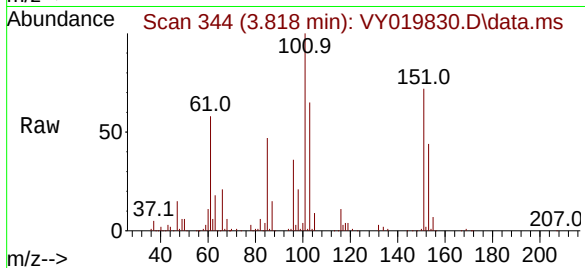




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.355 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

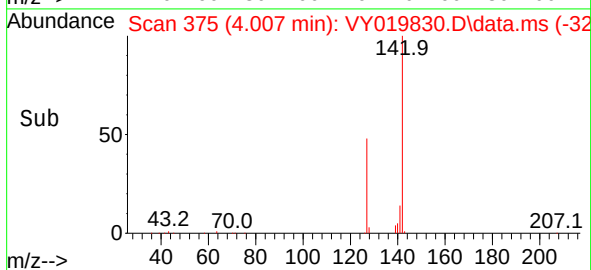
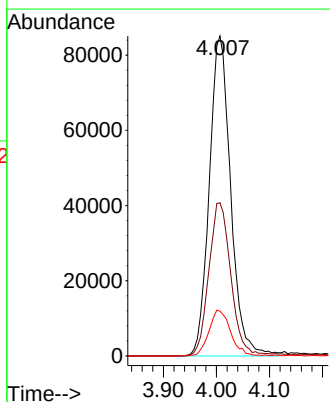
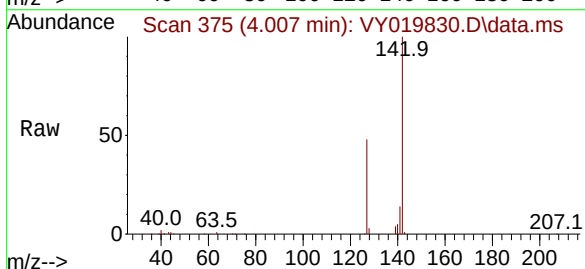
Instrument :
MSVOA_Y
ClientSampleId :

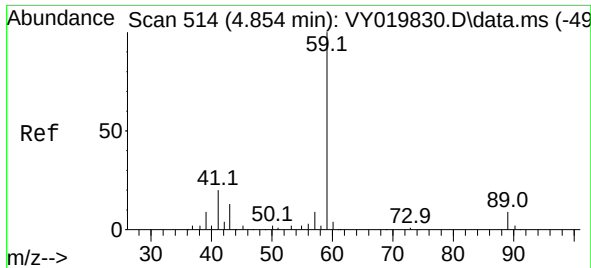
Tgt Ion:101 Resp: 218828
Ion Ratio Lower Upper
101 100
85 47.4 37.9 56.9
151 71.3 57.0 85.6



#10
Methyl Iodide
Concen: 54.233 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion:142 Resp: 238365
Ion Ratio Lower Upper
142 100
127 49.3 39.4 59.2
141 14.6 11.7 17.5

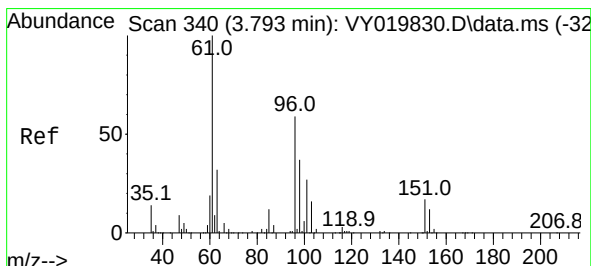
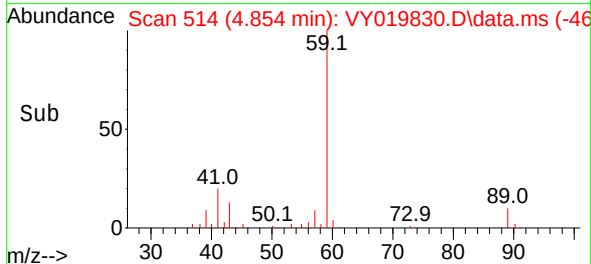
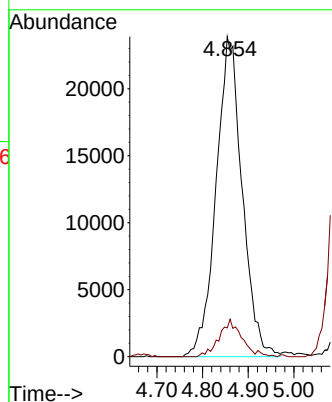
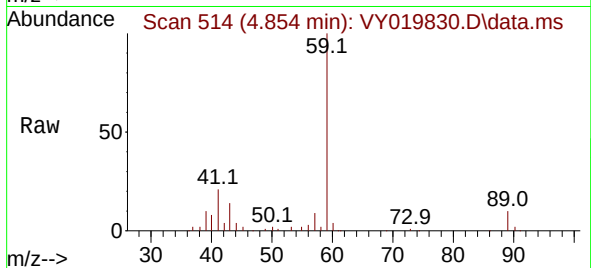




#11
Tert butyl alcohol
Concen: 252.374 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

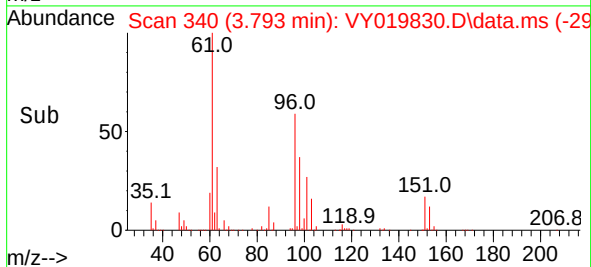
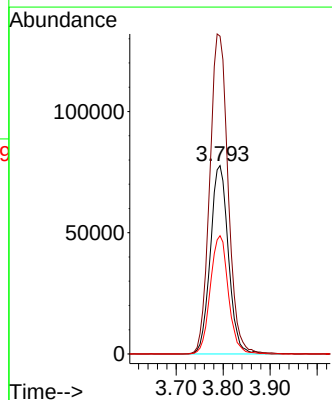
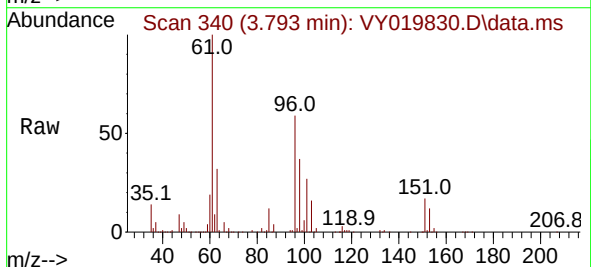
Instrument :
MSVOA_Y
ClientSampleId :

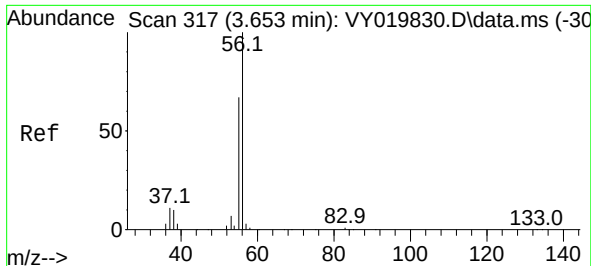
Tgt Ion: 59 Resp: 94744
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.238 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

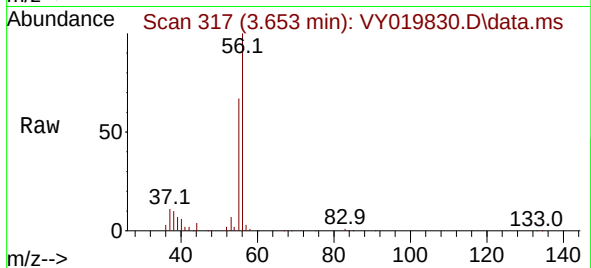
Tgt Ion: 96 Resp: 206999
Ion Ratio Lower Upper
96 100
61 168.6 134.9 202.3
98 62.8 50.2 75.4



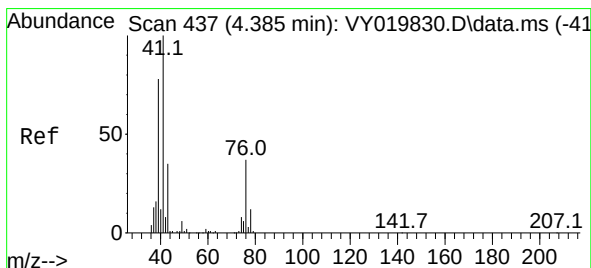
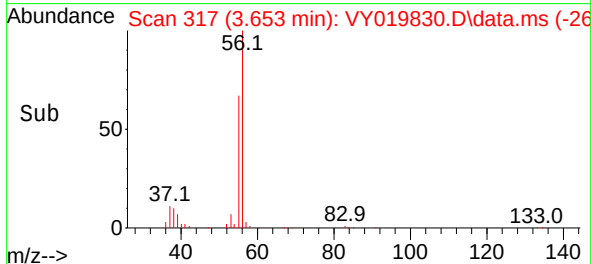
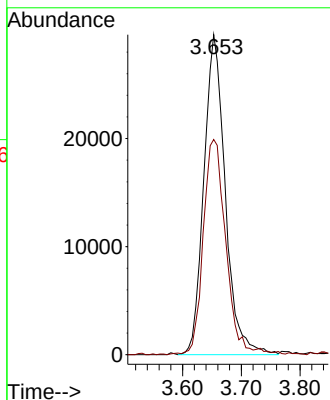


#13
Acrolein
Concen: 220.129 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

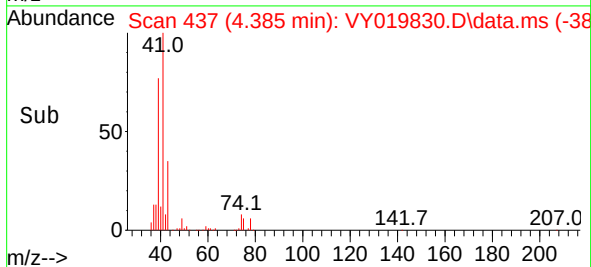
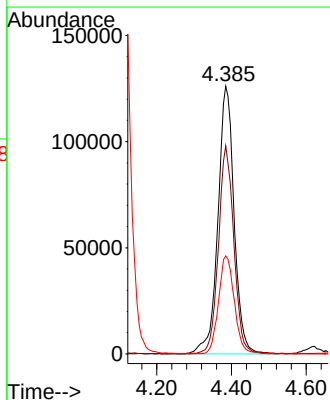
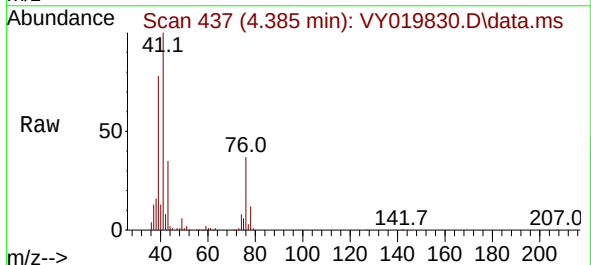


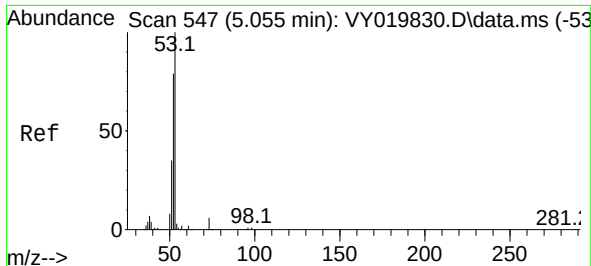
Tgt Ion: 56 Resp: 75001
Ion Ratio Lower Upper
56 100
55 71.1 56.9 85.3



#14
Allyl chloride
Concen: 52.240 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

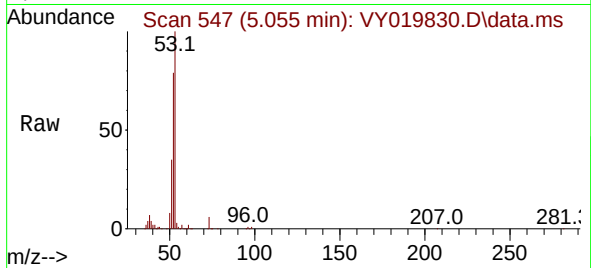
Tgt Ion: 41 Resp: 380793
Ion Ratio Lower Upper
41 100
39 73.9 59.1 88.7
76 35.7 28.6 42.8



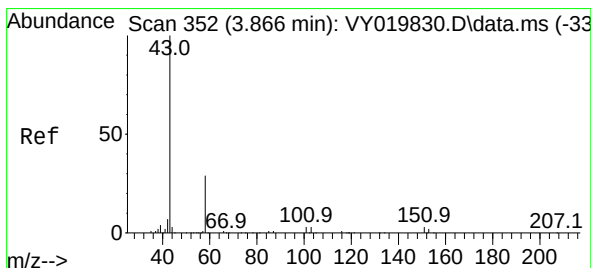
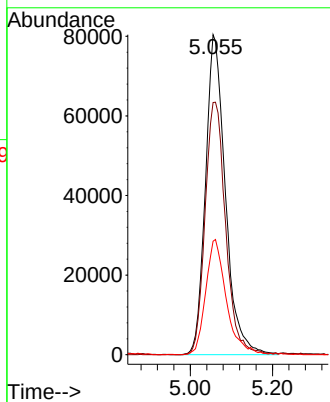
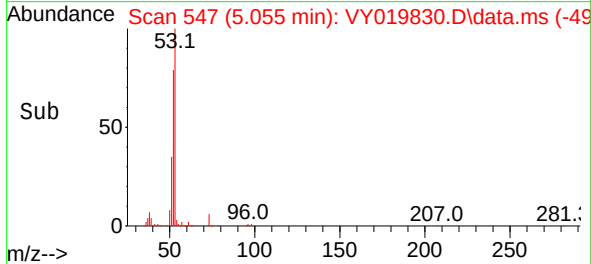


#15
Acrylonitrile
Concen: 259.992 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

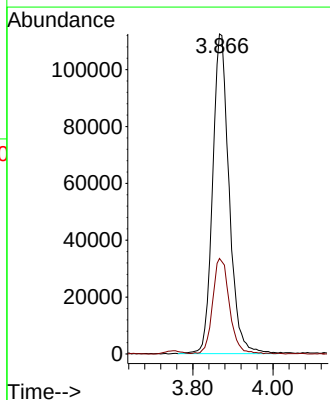
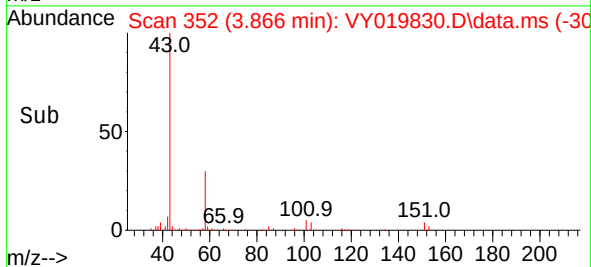
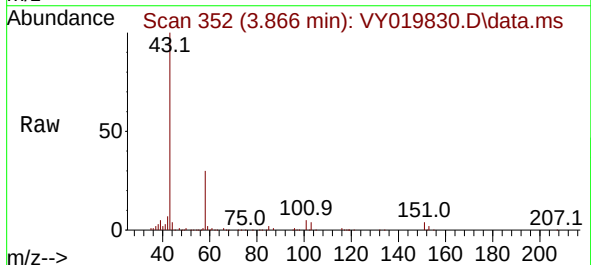


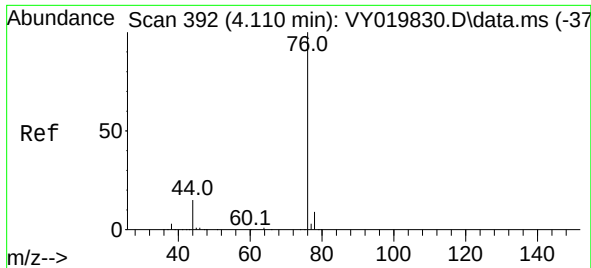
Tgt Ion: 53 Resp: 270020
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 37.4 29.9 44.9



#16
Acetone
Concen: 265.464 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 43 Resp: 320427
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6

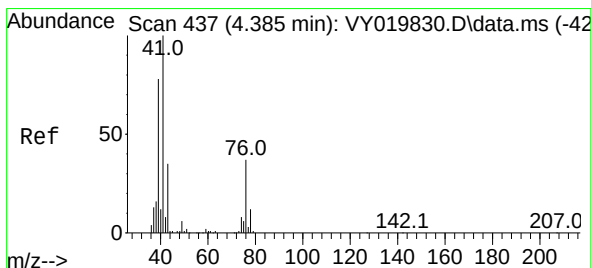
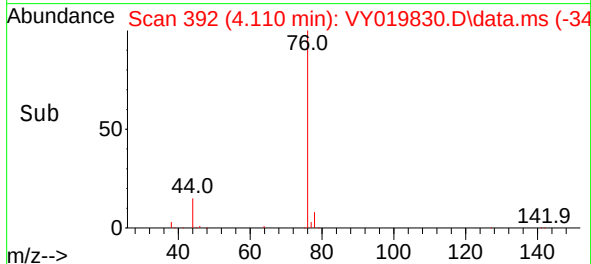
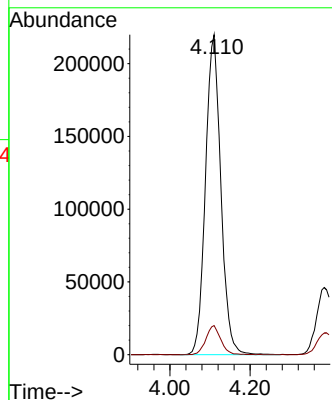
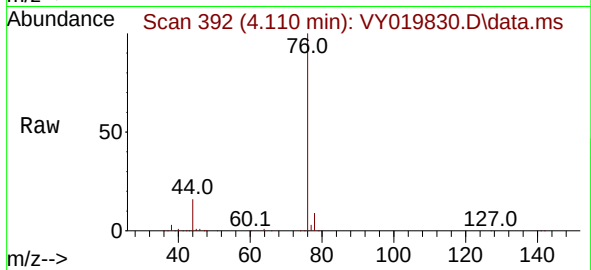




#17
Carbon Disulfide
Concen: 53.968 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

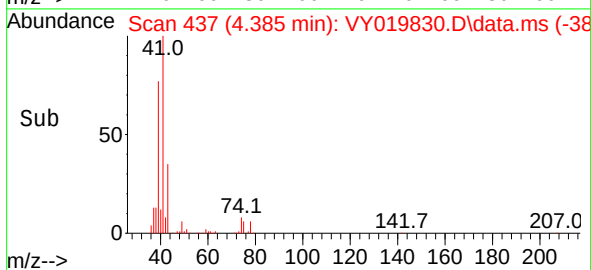
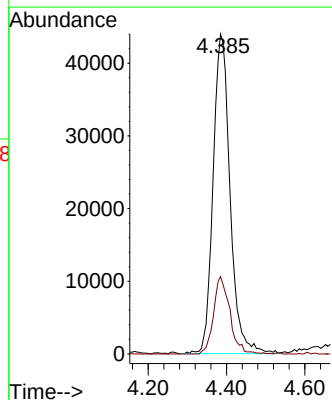
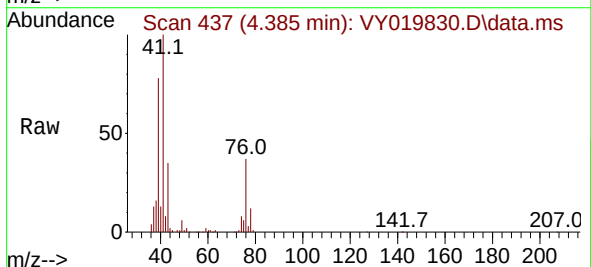
Instrument :
MSVOA_Y
ClientSampleId :

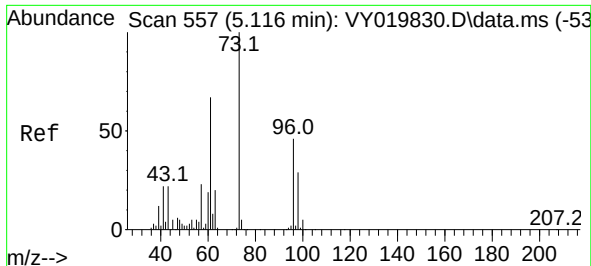
Tgt Ion: 76 Resp: 584406
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 50.760 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 43 Resp: 131986
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 51.073 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

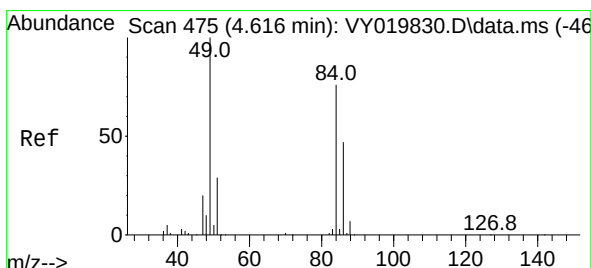
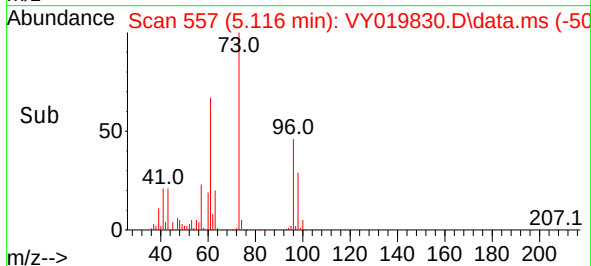
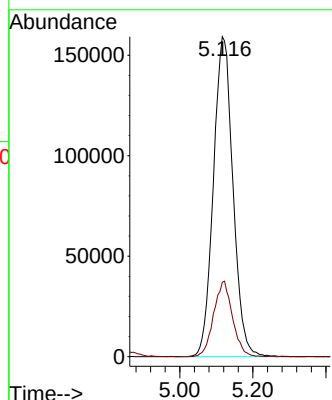
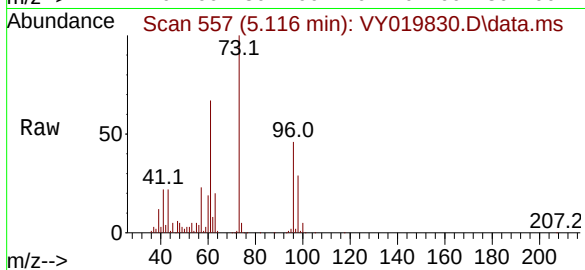
ClientSampleId :

Tgt Ion: 73 Resp: 592784

Ion Ratio Lower Upper

73 100

57 23.3 18.6 28.0



#20

Methylene Chloride

Concen: 47.884 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Tgt Ion: 84 Resp: 233261

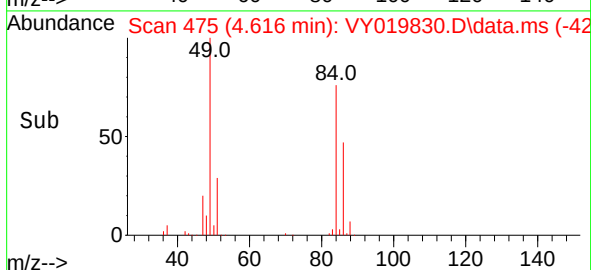
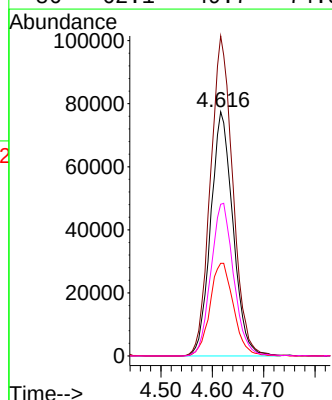
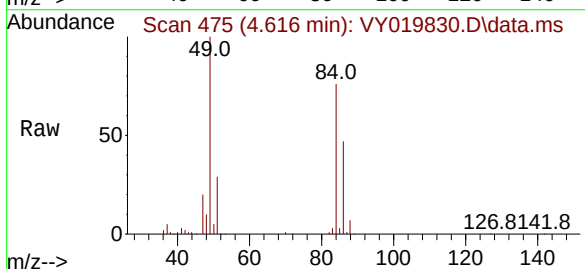
Ion Ratio Lower Upper

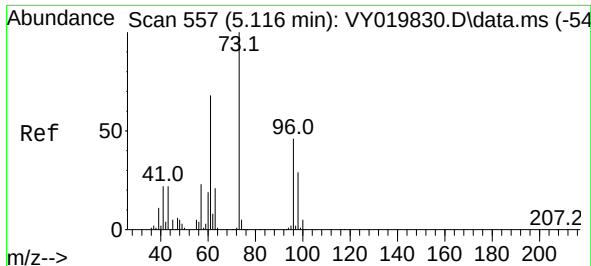
84 100

49 131.0 104.8 157.2

51 38.0 30.4 45.6

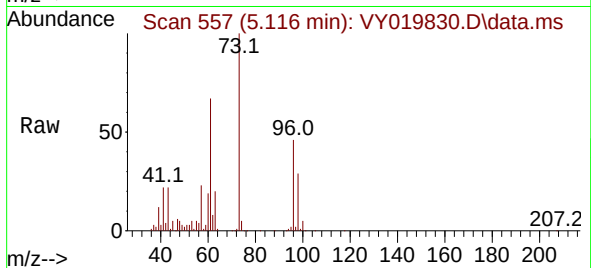
86 62.1 49.7 74.5



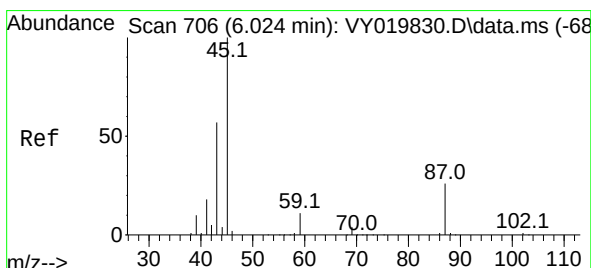
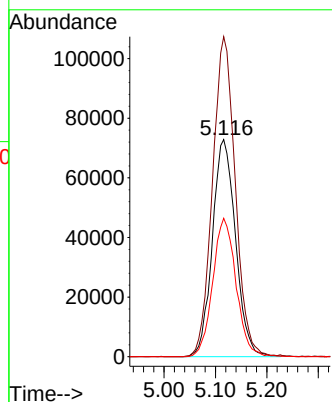
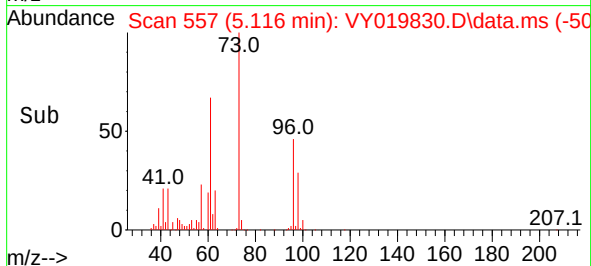


#21
trans-1,2-Dichloroethene
Concen: 51.856 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

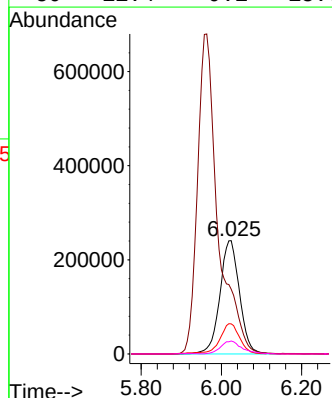
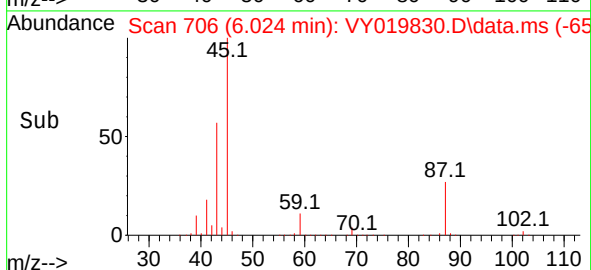
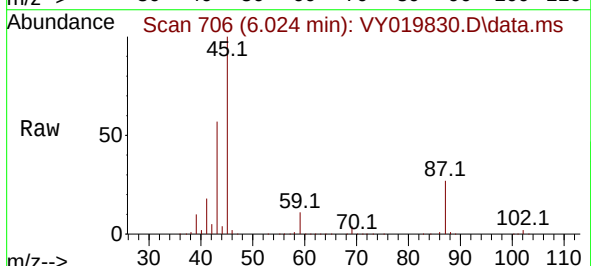


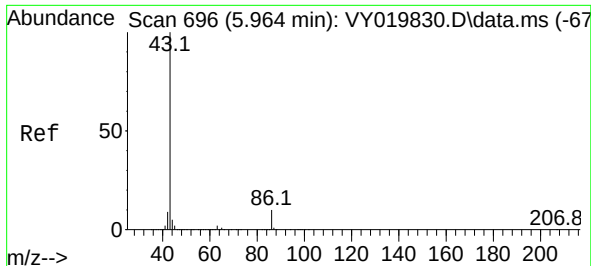
Tgt Ion: 96 Resp: 228011
Ion Ratio Lower Upper
96 100
61 147.4 117.9 176.9
98 63.7 51.0 76.4



#22
Diisopropyl ether
Concen: 51.364 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 45 Resp: 815528
Ion Ratio Lower Upper
45 100
43 56.7 45.4 68.0
87 26.4 21.1 31.7
59 11.4 9.1 13.7

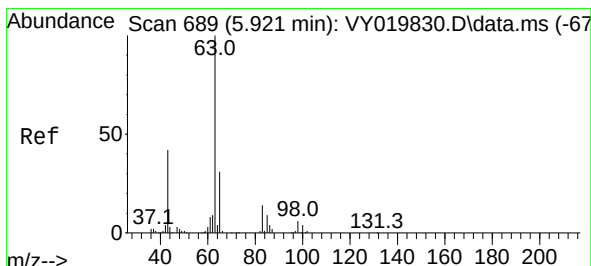
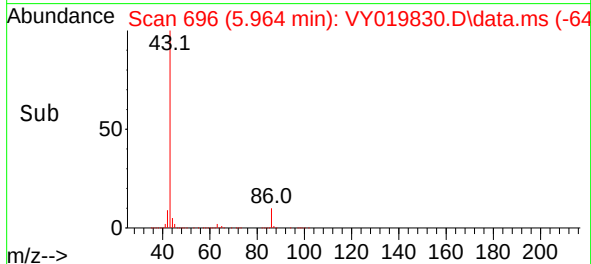
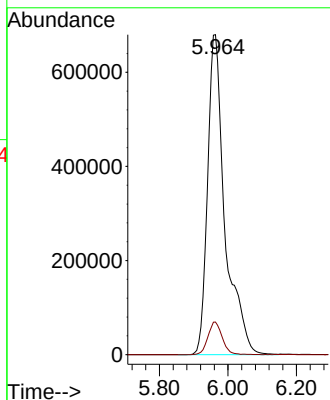
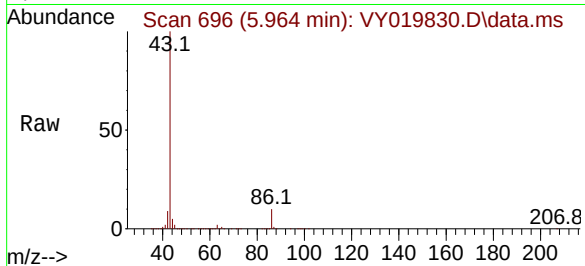




#23
 Vinyl Acetate
 Concen: 263.841 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY019830.D
 Acq: 09 Oct 2024 11:26

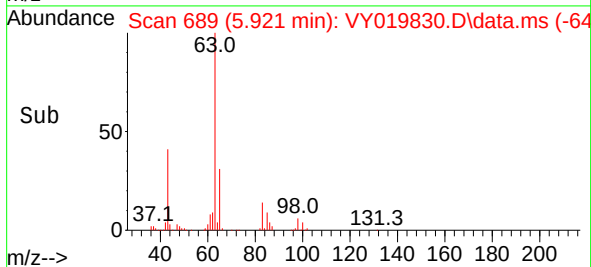
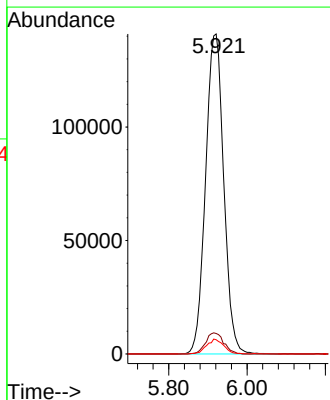
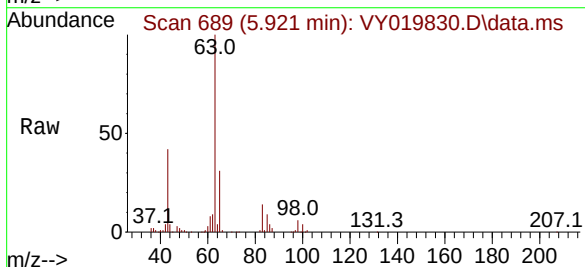
Instrument :
 MSVOA_Y
 ClientSampleId :

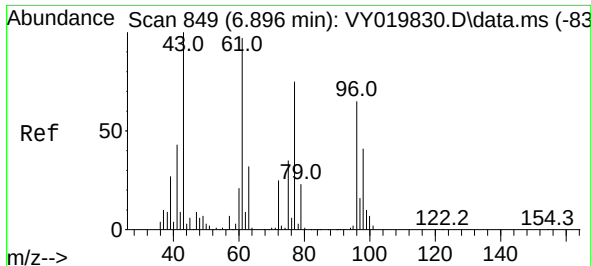
Tgt Ion: 43 Resp: 2401557
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 51.280 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY019830.D
 Acq: 09 Oct 2024 11:26

Tgt Ion: 63 Resp: 452600
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 258.255 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

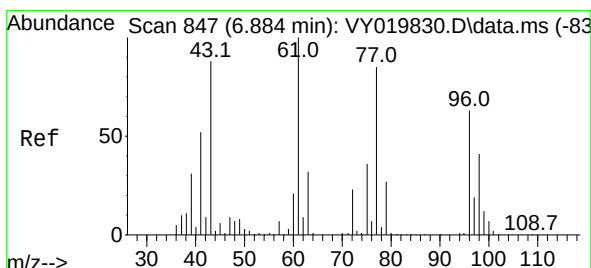
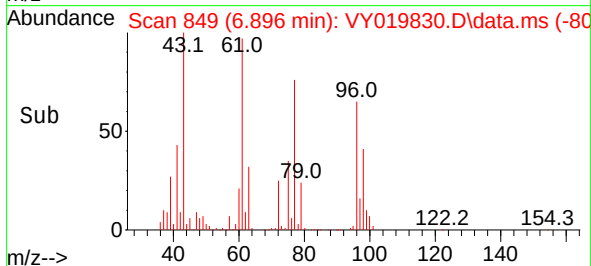
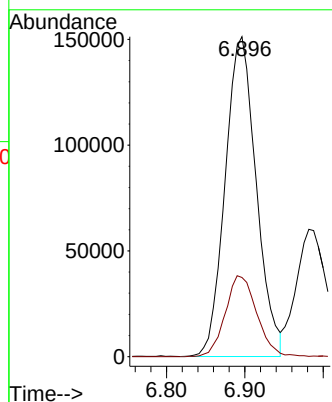
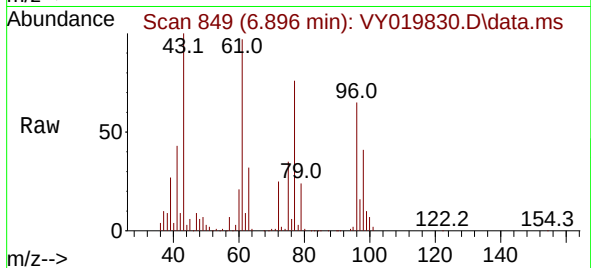
ClientSampleId :

Tgt Ion: 43 Resp: 417253

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 50.078 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019830.D

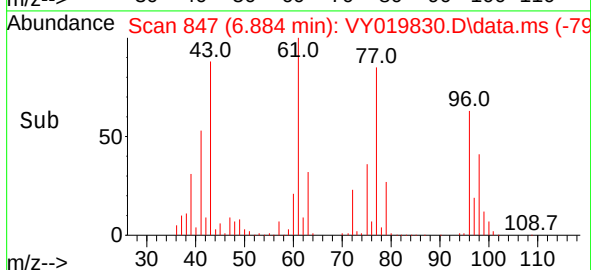
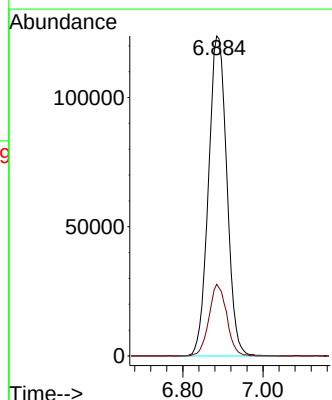
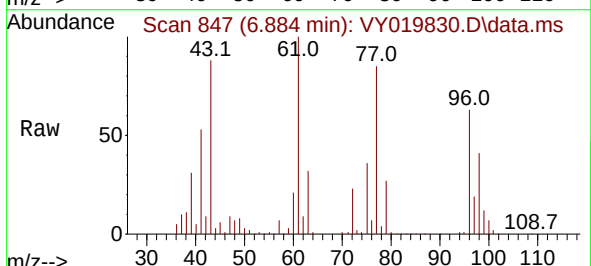
Acq: 09 Oct 2024 11:26

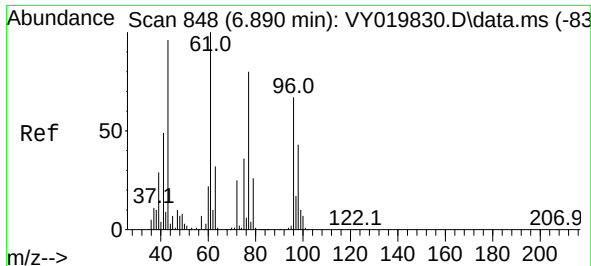
Tgt Ion: 77 Resp: 393618

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.6

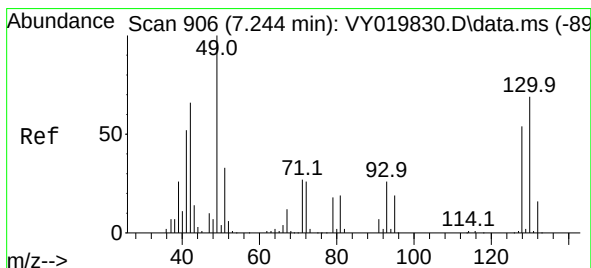
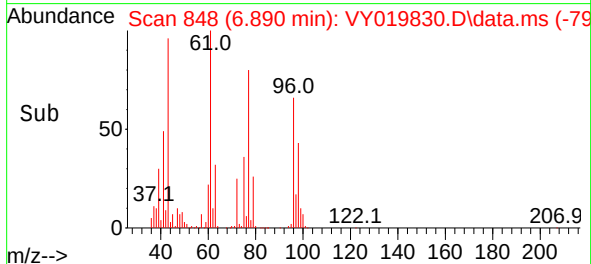
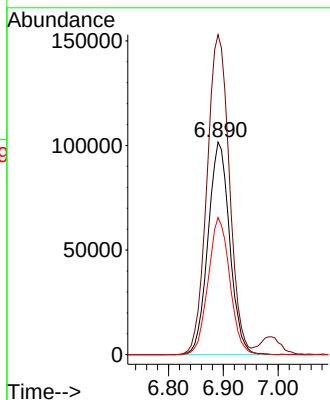
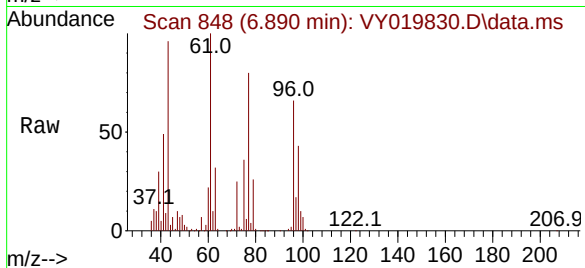




#27
cis-1,2-Dichloroethene
Concen: 51.276 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

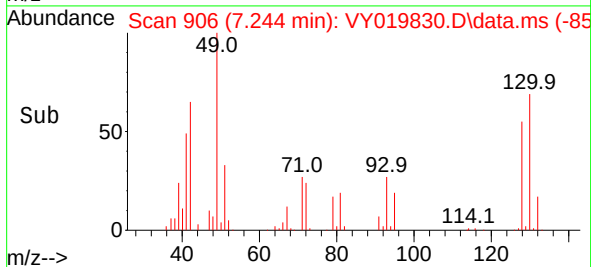
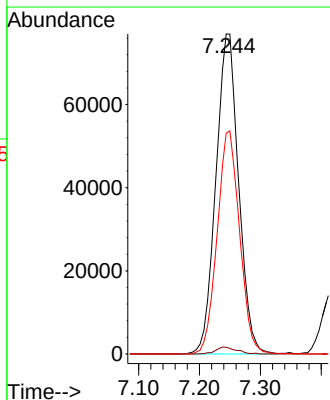
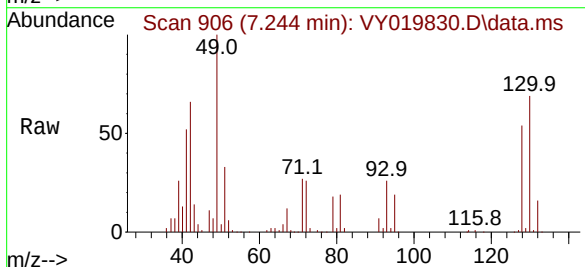
Instrument :
MSVOA_Y
ClientSampleId :

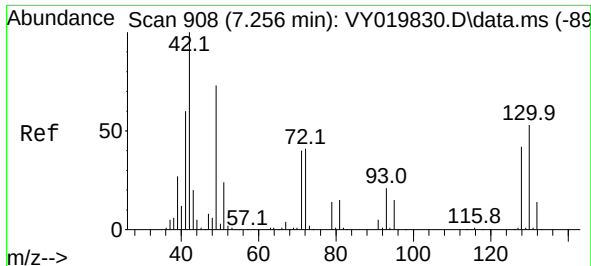
Tgt Ion: 96 Resp: 278623
Ion Ratio Lower Upper
96 100
61 155.7 0.0 311.4
98 64.6 0.0 129.2



#28
Bromochloromethane
Concen: 51.324 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 49 Resp: 199378
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 68.7 55.0 82.4

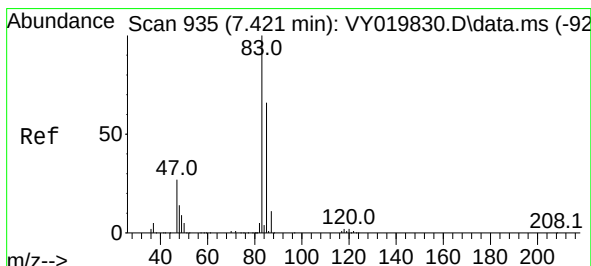
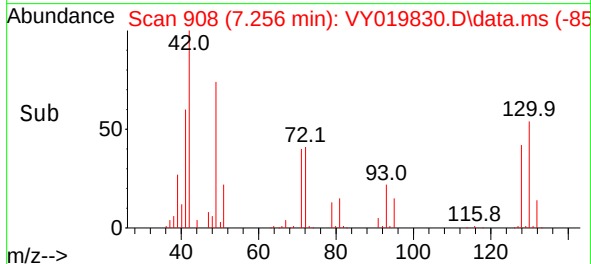
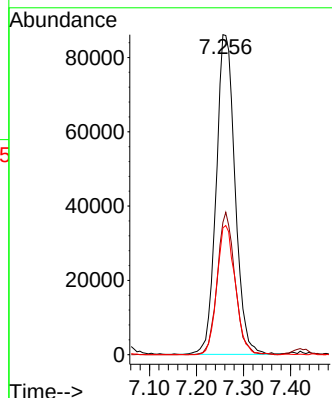
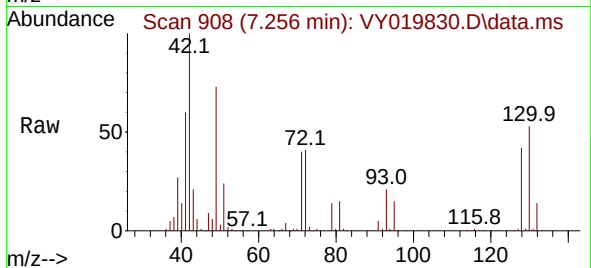




#29
Tetrahydrofuran
Concen: 260.365 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

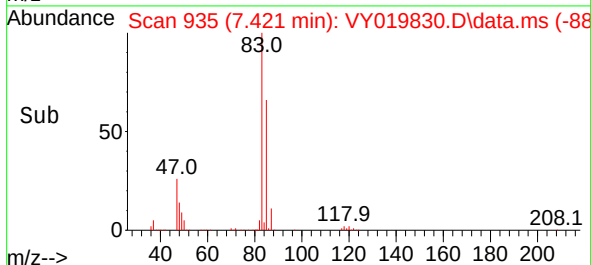
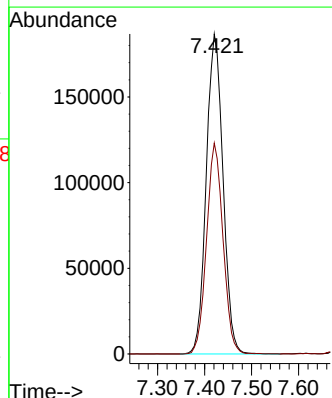
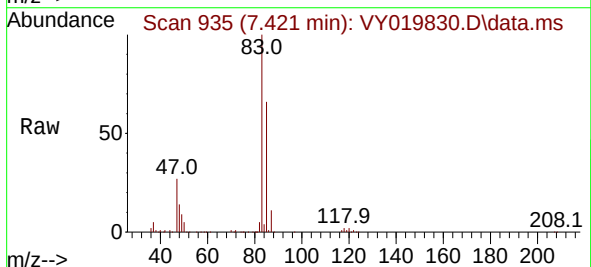
Instrument :
MSVOA_Y
ClientSampleId :

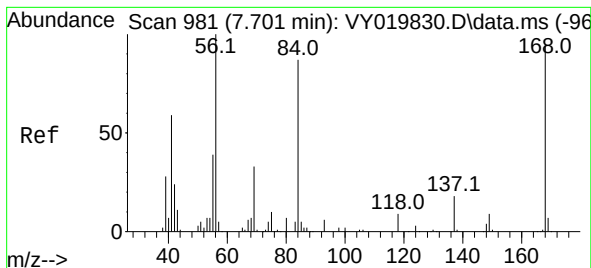
Tgt Ion: 42 Resp: 240189
Ion Ratio Lower Upper
42 100
72 41.7 33.4 50.0
71 39.5 31.6 47.4



#30
Chloroform
Concen: 51.274 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 83 Resp: 461316
Ion Ratio Lower Upper
83 100
85 65.9 52.7 79.1





#31

Cyclohexane

Concen: 49.053 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

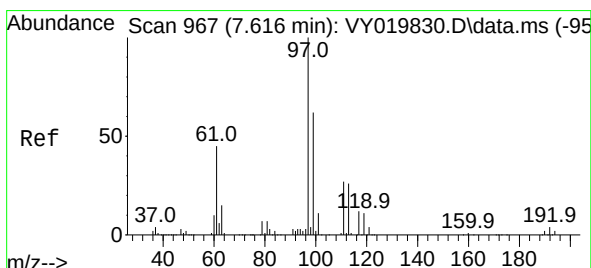
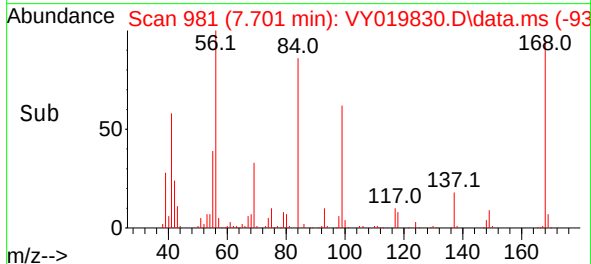
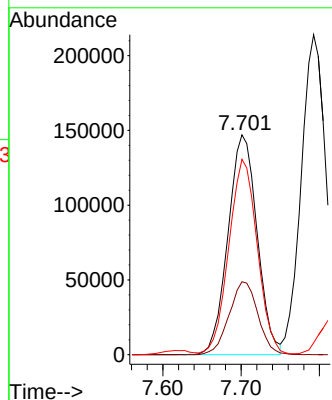
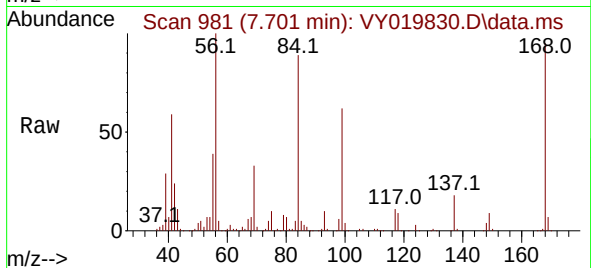
Tgt Ion: 56 Resp: 380045

Ion Ratio Lower Upper

56 100

69 33.2 26.6 39.8

84 87.0 69.6 104.4



#32

1,1,1-Trichloroethane

Concen: 50.944 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

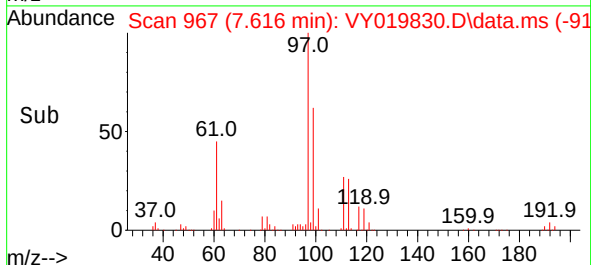
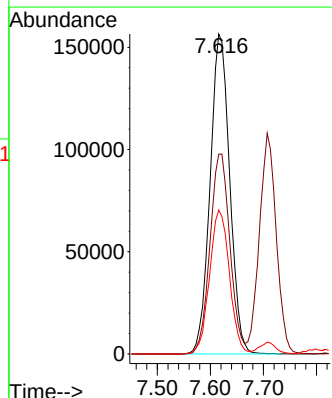
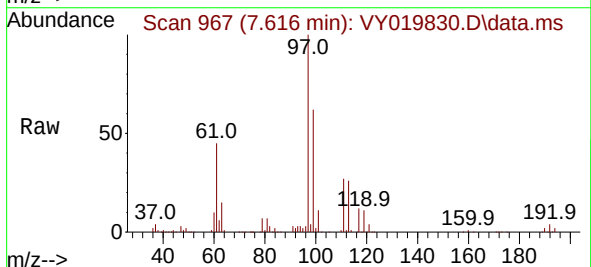
Tgt Ion: 97 Resp: 401679

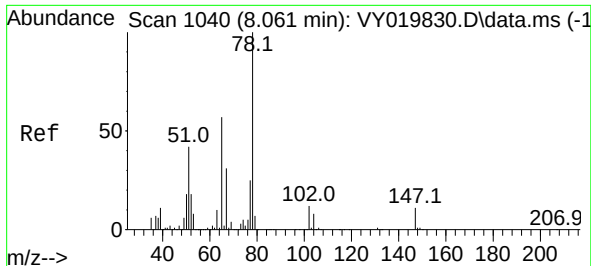
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 45.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.152 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

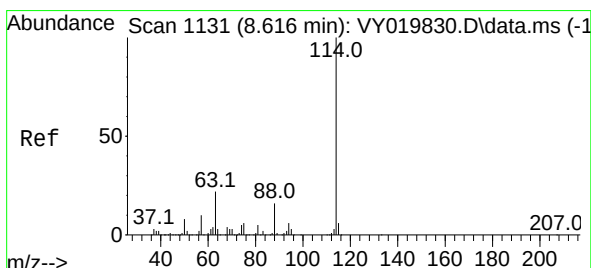
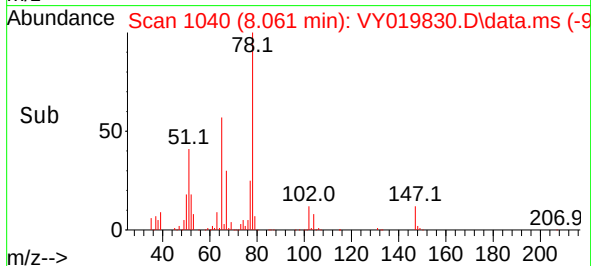
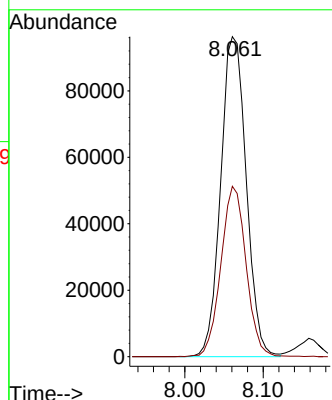
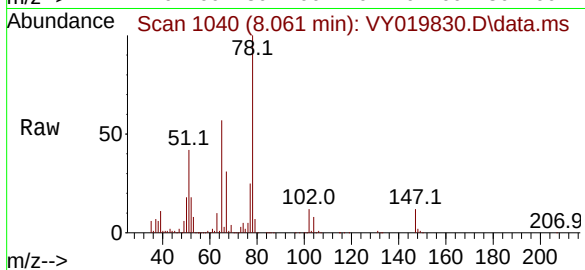
ClientSampleId :

Tgt Ion: 65 Resp: 218635

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

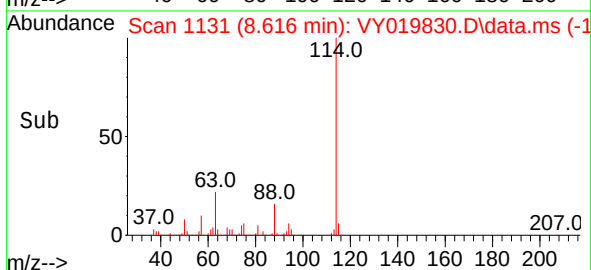
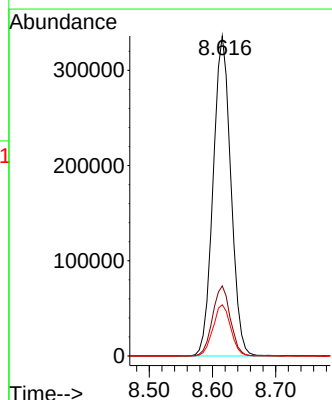
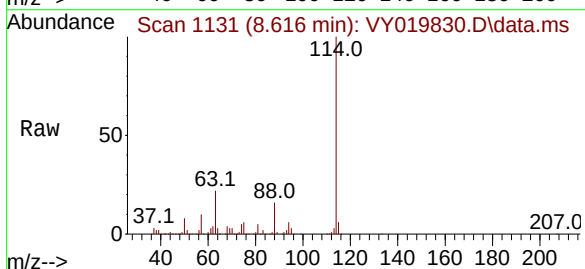
Tgt Ion: 114 Resp: 652229

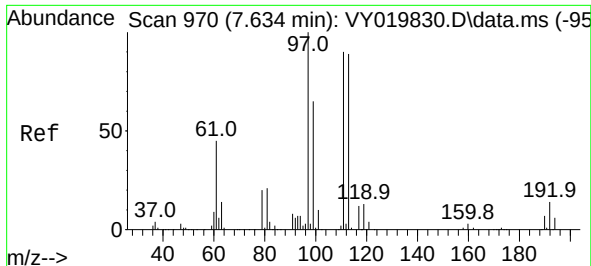
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.638 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

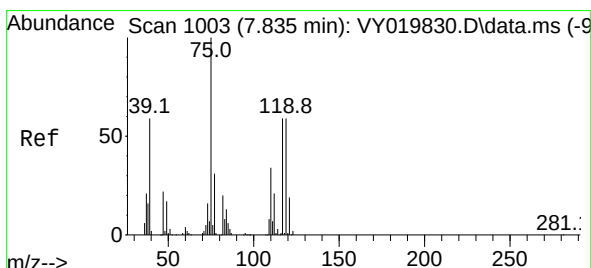
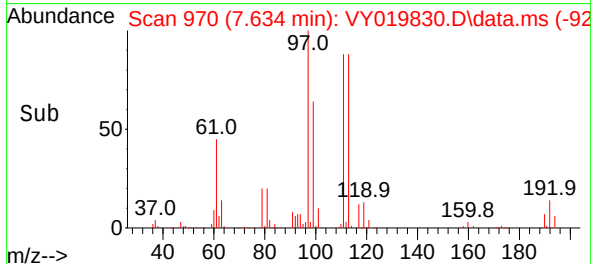
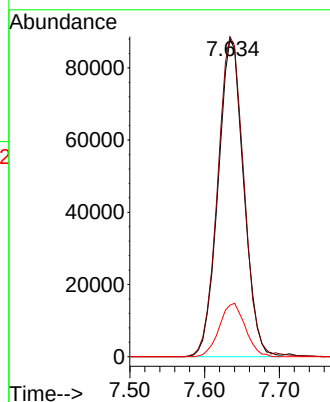
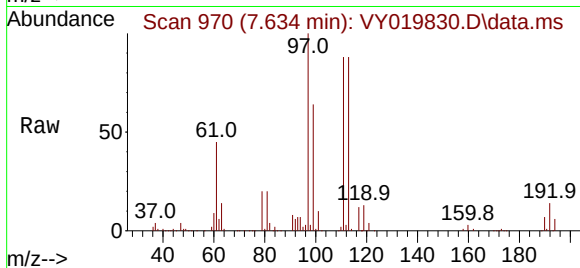
Tgt Ion:113 Resp: 209339

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 17.0 13.6 20.4



#36

1,1-Dichloropropene

Concen: 52.153 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

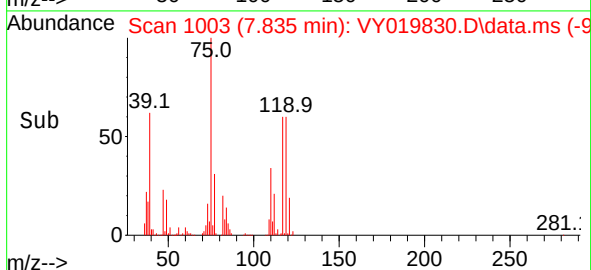
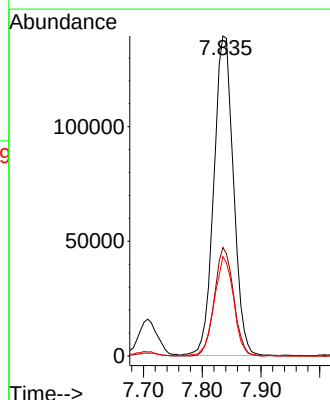
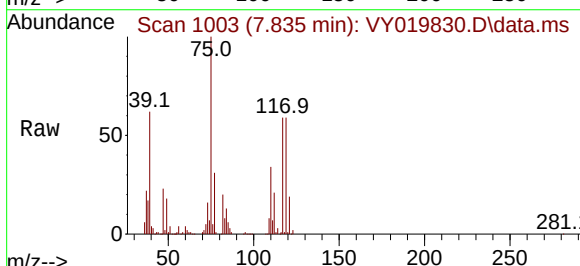
Tgt Ion: 75 Resp: 323381

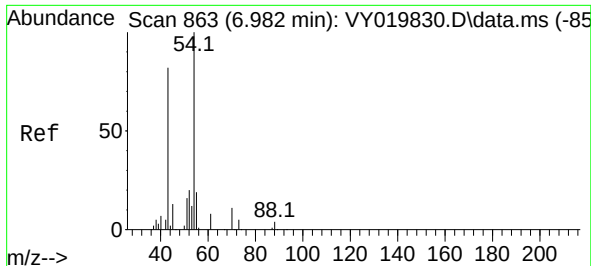
Ion Ratio Lower Upper

75 100

110 33.2 16.6 49.8

77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 52.055 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

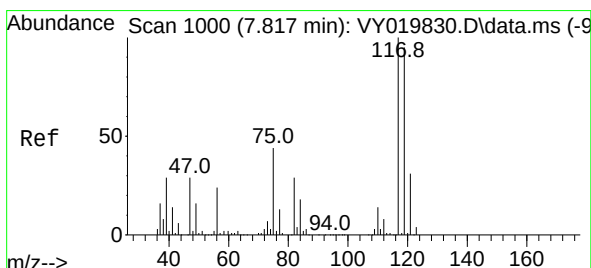
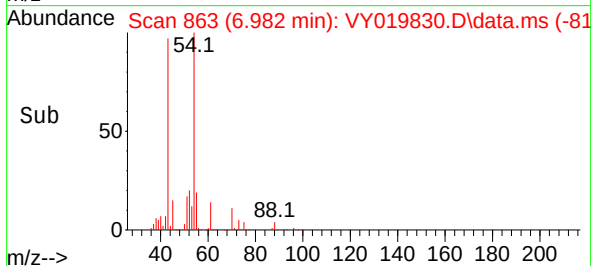
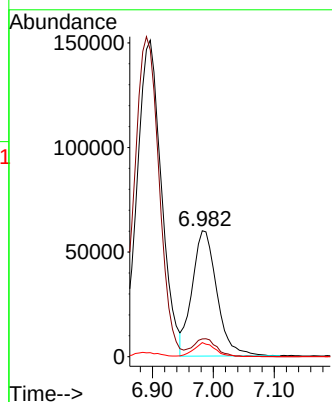
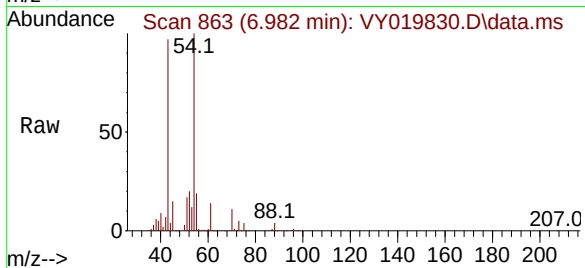
Tgt Ion: 43 Resp: 168308

Ion Ratio Lower Upper

43 100

61 13.6 10.9 16.3

70 9.5 7.6 11.4



#38

Carbon Tetrachloride

Concen: 51.741 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

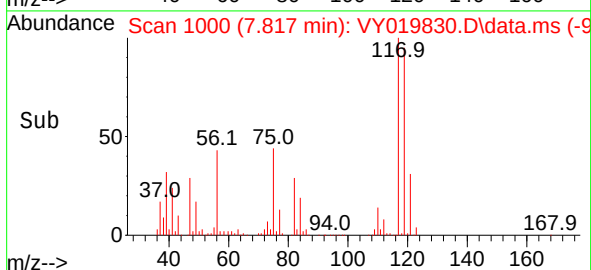
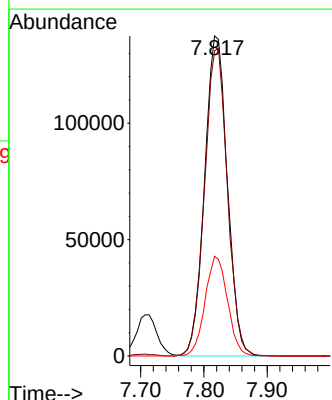
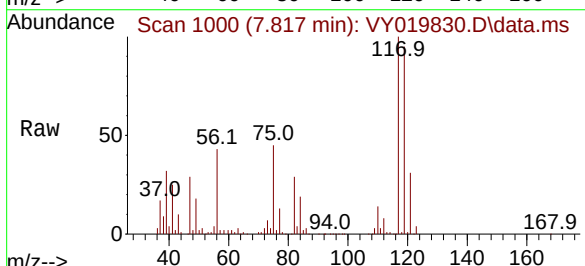
Tgt Ion:117 Resp: 343937

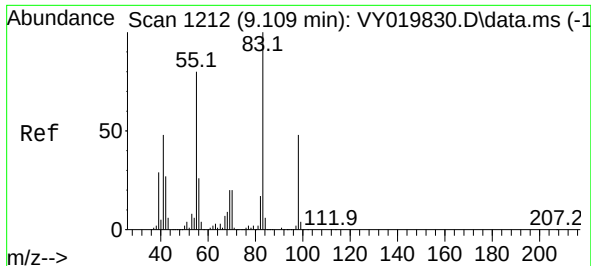
Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.4

121 31.2 25.0 37.4

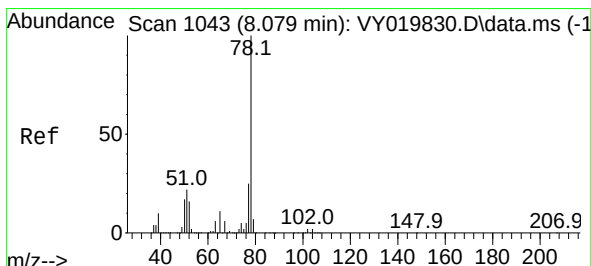
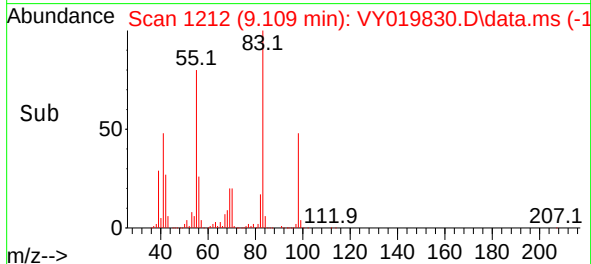
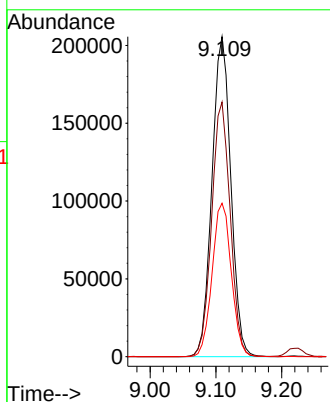
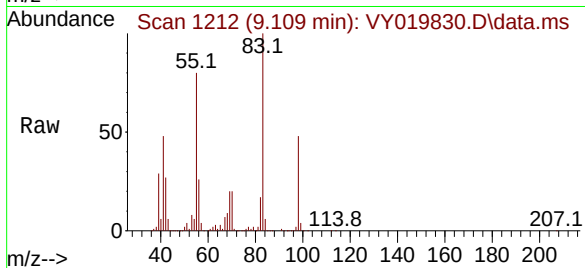




#39
Methylcyclohexane
Concen: 52.526 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

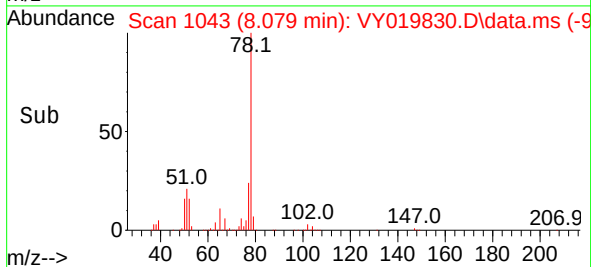
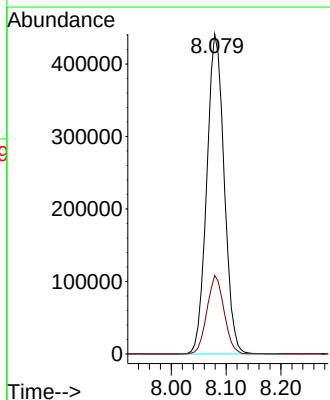
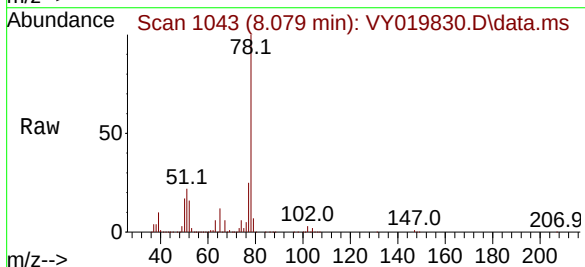
Instrument :
MSVOA_Y
ClientSampleId :

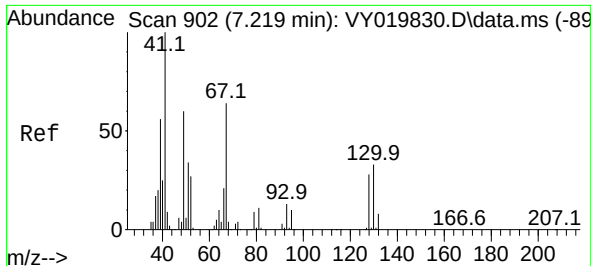
Tgt Ion: 83 Resp: 410379
Ion Ratio Lower Upper
83 100
55 79.6 63.7 95.5
98 47.9 38.3 57.5



#40
Benzene
Concen: 51.718 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 78 Resp: 970532
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4



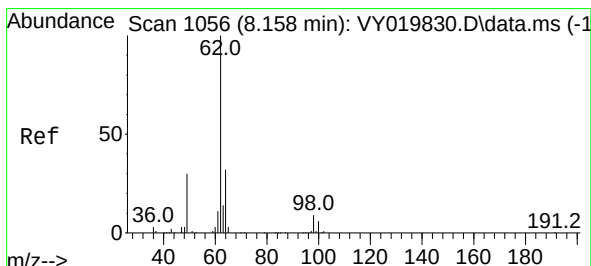
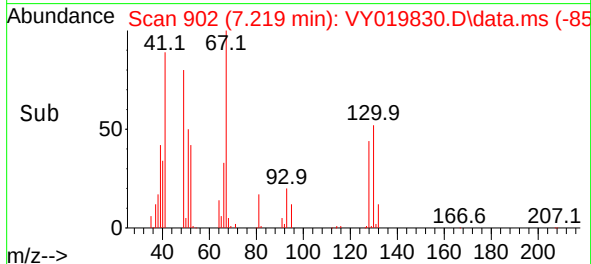
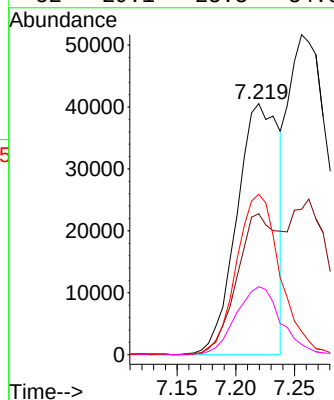
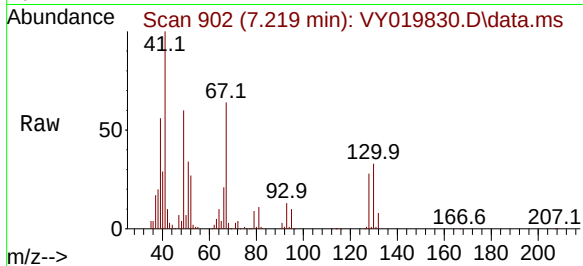


#41
Methacrylonitrile
Concen: 58.039 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 101564

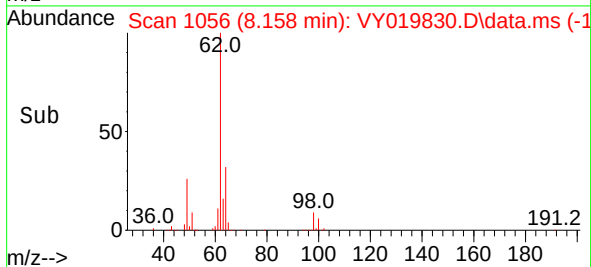
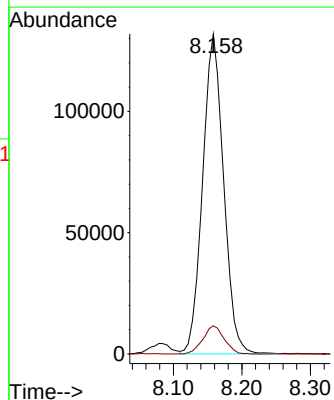
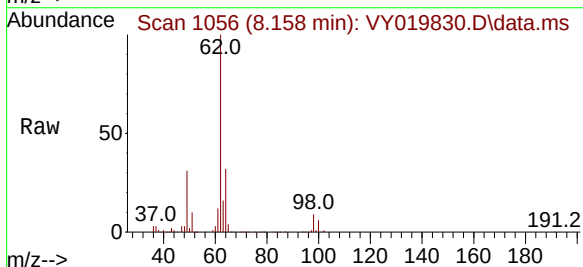
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.9	65.9
67	66.5	53.2	79.8
52	29.1	23.3	34.9

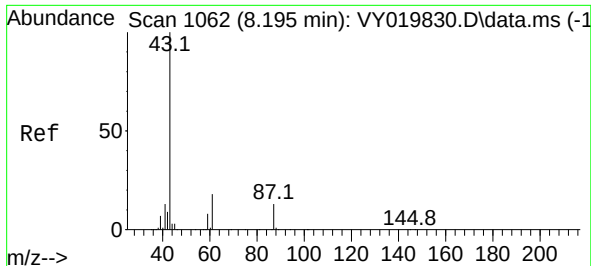


#42
1,2-Dichloroethane
Concen: 52.060 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 62 Resp: 280666

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8

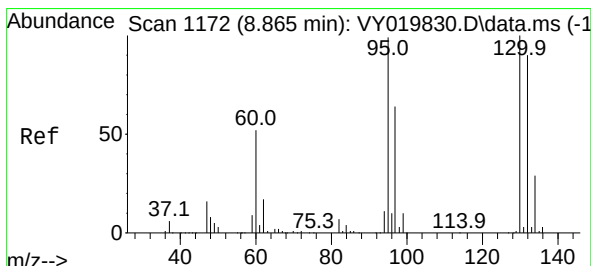
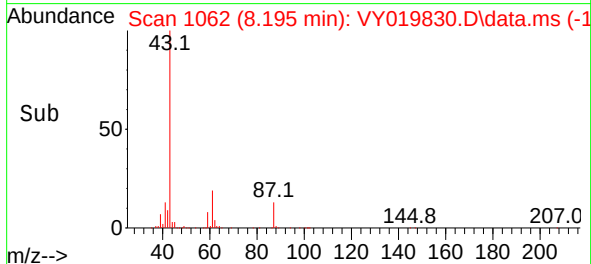
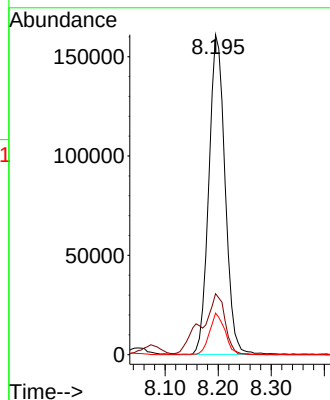
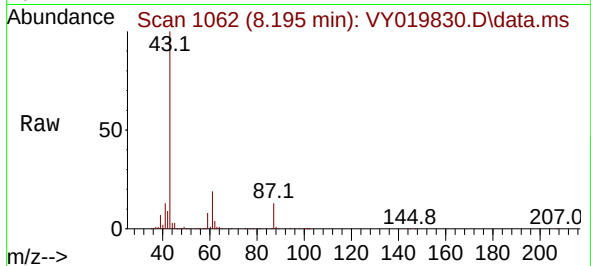




#43
Isopropyl Acetate
Concen: 51.825 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

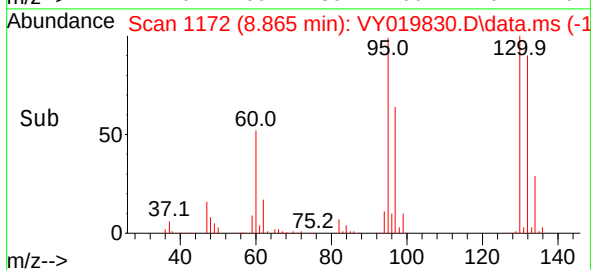
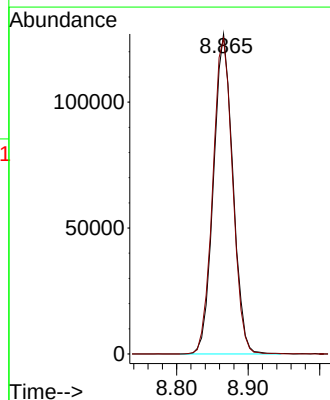
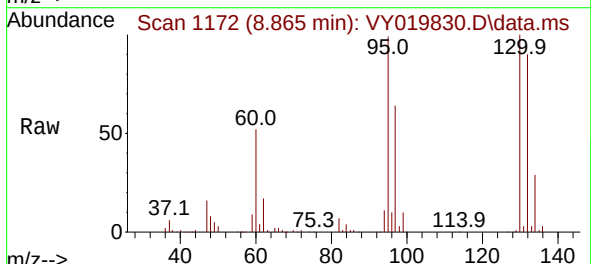
Instrument :
MSVOA_Y
ClientSampleId :

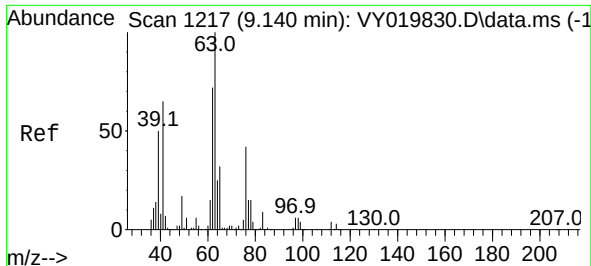
Tgt Ion: 43 Resp: 341732
Ion Ratio Lower Upper
43 100
61 19.4 15.5 23.3
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 52.581 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion:130 Resp: 238984
Ion Ratio Lower Upper
130 100
95 98.6 0.0 197.2

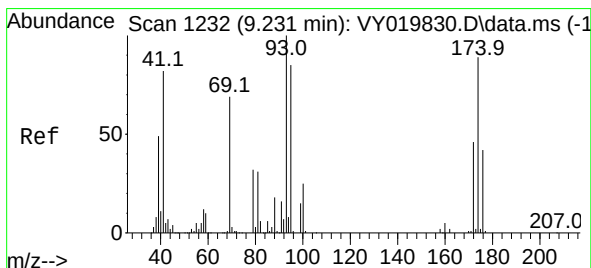
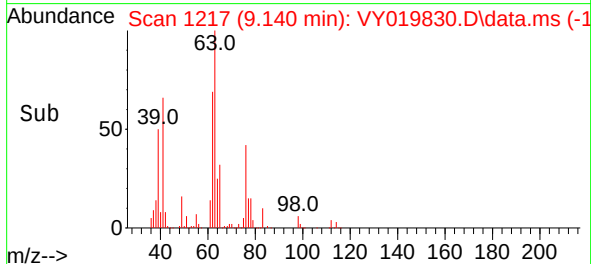
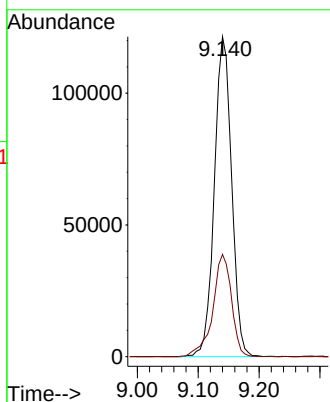
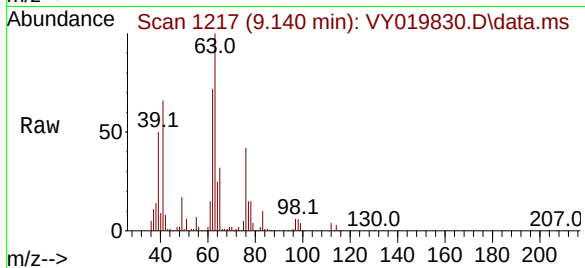




#45
1,2-Dichloropropane
Concen: 50.815 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

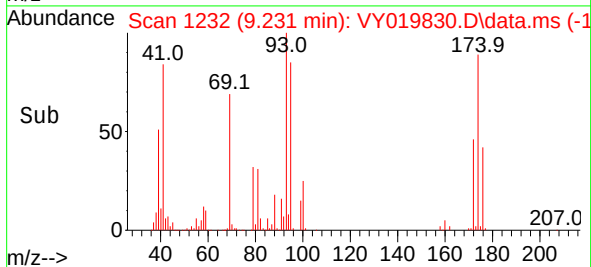
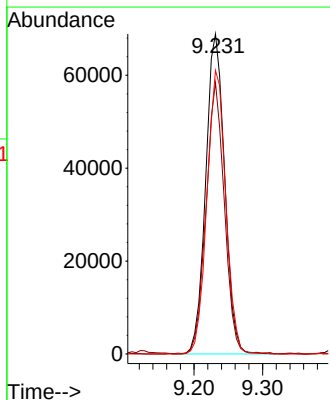
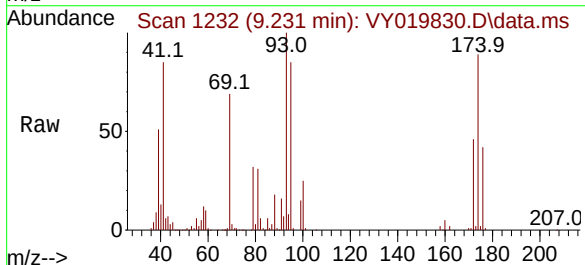
Instrument :
MSVOA_Y
ClientSampleId :

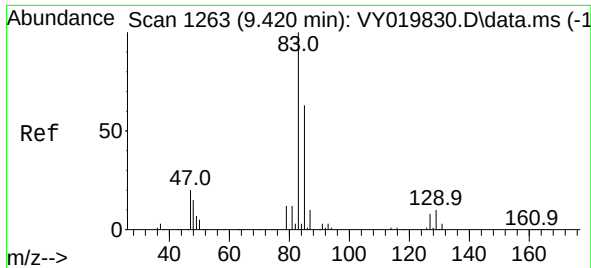
Tgt Ion: 63 Resp: 238678
Ion Ratio Lower Upper
63 100
65 32.0 25.6 38.4



#46
Dibromomethane
Concen: 51.749 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 93 Resp: 132799
Ion Ratio Lower Upper
93 100
95 81.8 65.4 98.2
174 88.0 70.4 105.6

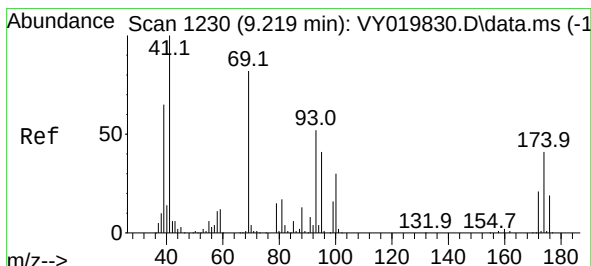
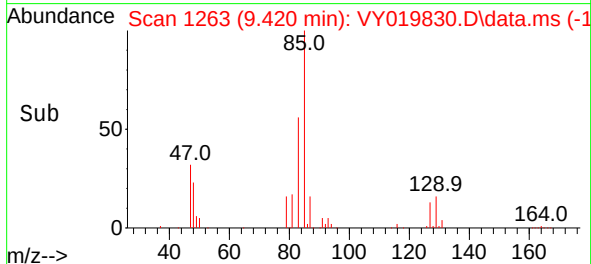
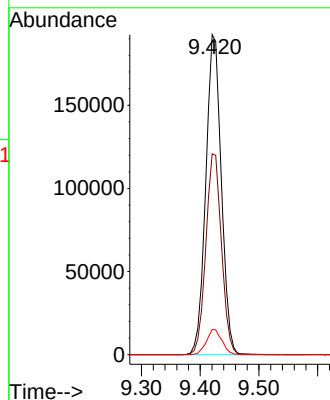
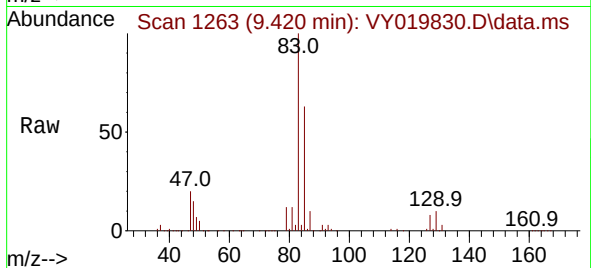




#47
Bromodichloromethane
Concen: 51.958 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

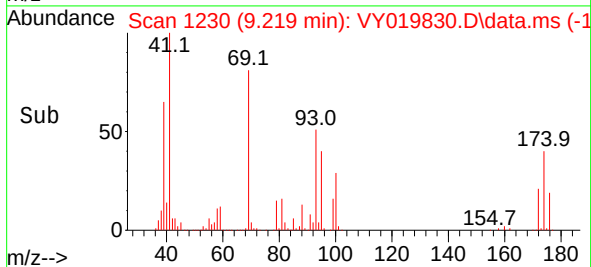
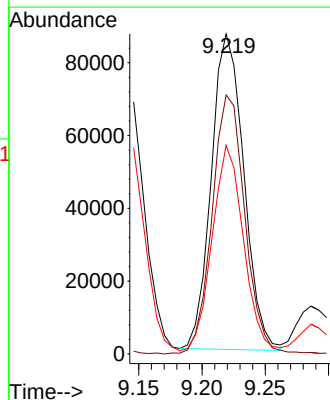
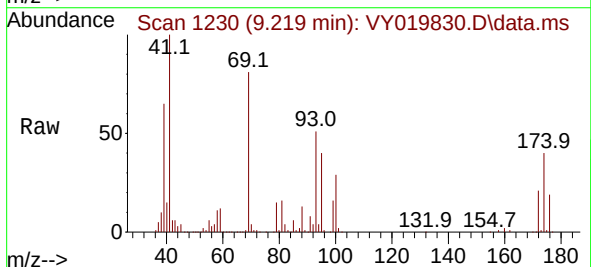
Instrument :
MSVOA_Y
ClientSampleId :

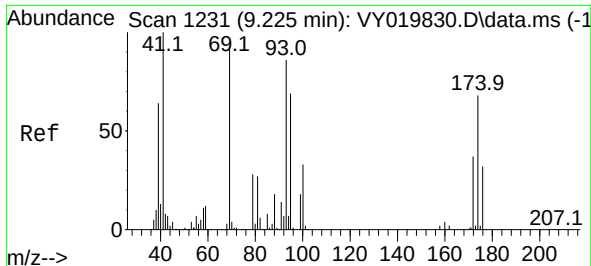
Tgt Ion: 83 Resp: 353916
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.2
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 53.365 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

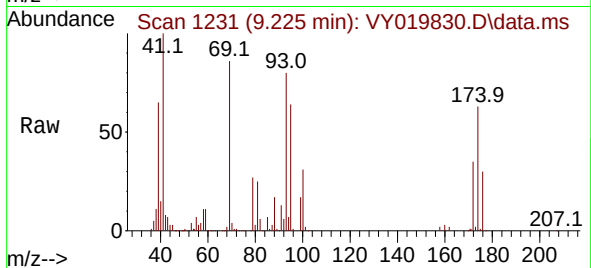
Tgt Ion: 41 Resp: 154785
Ion Ratio Lower Upper
41 100
69 82.9 66.3 99.5
39 62.8 50.2 75.4



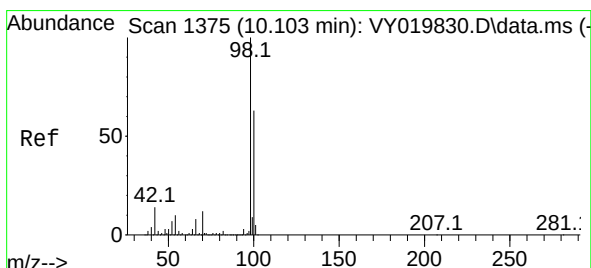
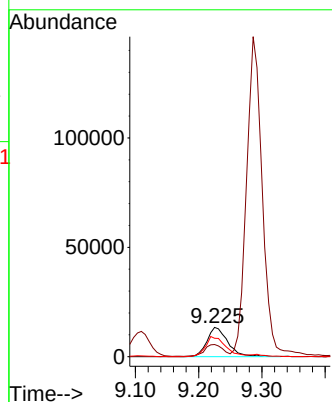
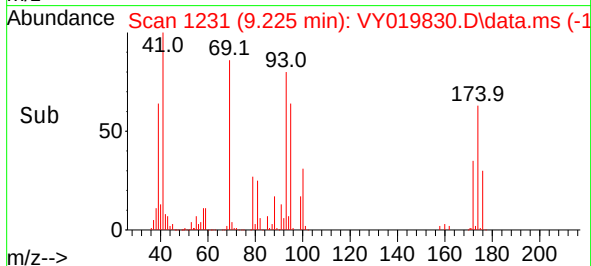


#49
1,4-Dioxane
Concen: 1078.234 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :

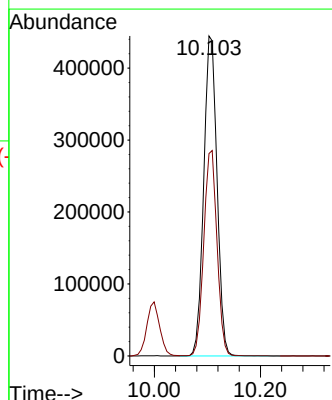
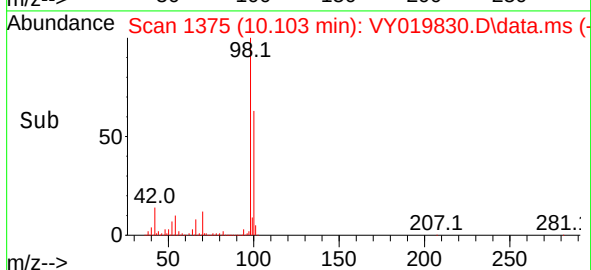
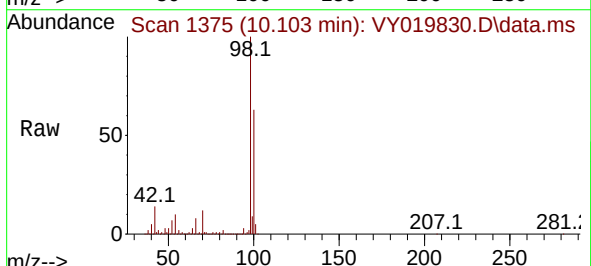


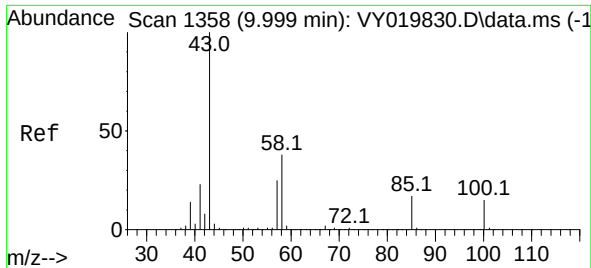
Tgt Ion: 88 Resp: 30969
Ion Ratio Lower Upper
88 100
43 35.6 28.5 42.7
58 65.7 52.6 78.8



#50
Toluene-d8
Concen: 48.634 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 98 Resp: 772997
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

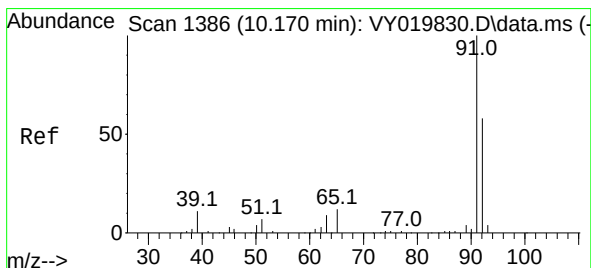
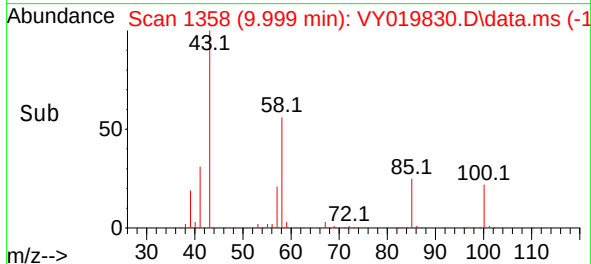
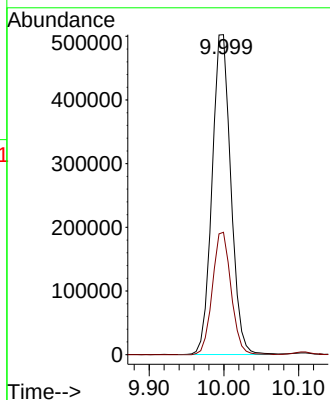
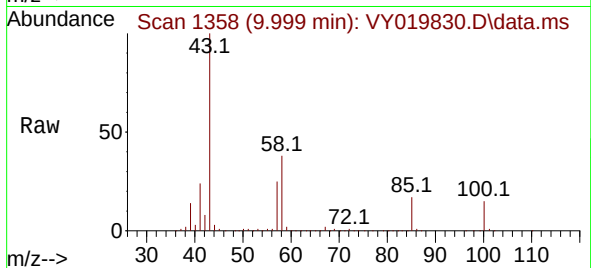




#51
4-Methyl-2-Pentanone
Concen: 261.016 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

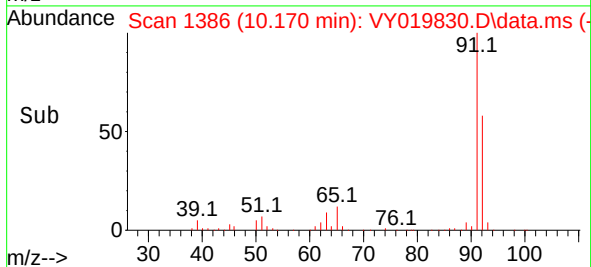
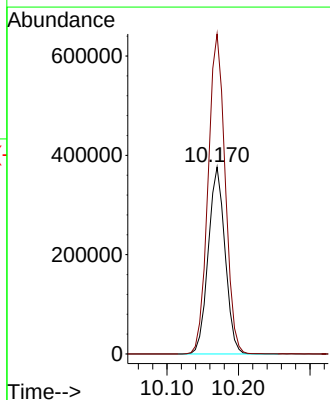
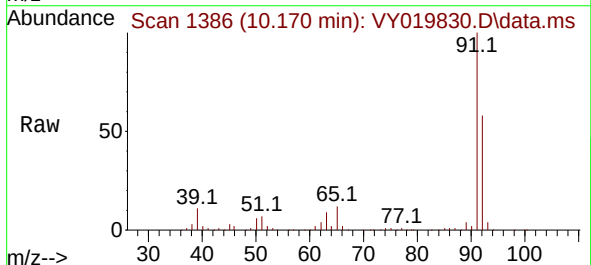
Instrument :
MSVOA_Y
ClientSampleId :

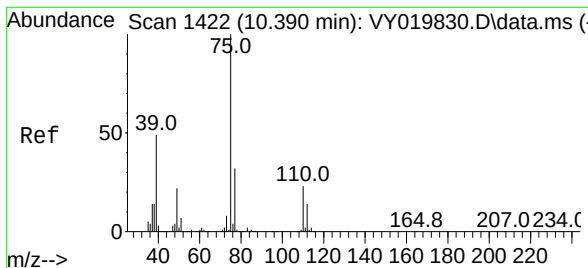
Tgt Ion: 43 Resp: 877883
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6



#52
Toluene
Concen: 52.335 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 92 Resp: 613036
Ion Ratio Lower Upper
92 100
91 174.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 52.938 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

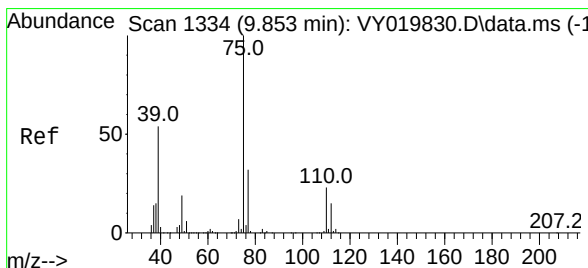
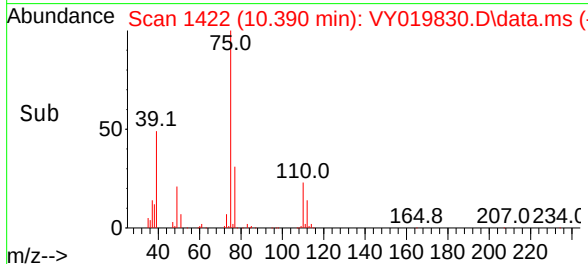
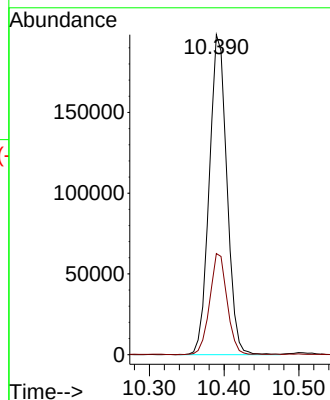
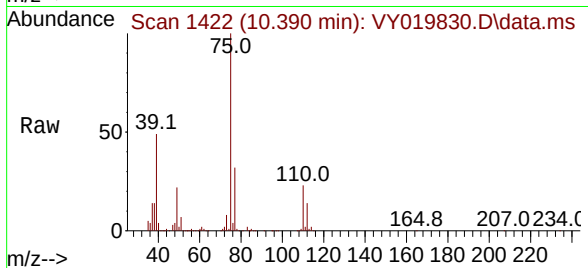
ClientSampleId :

Tgt Ion: 75 Resp: 324446

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.179 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

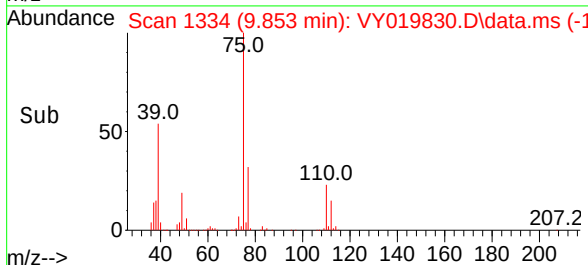
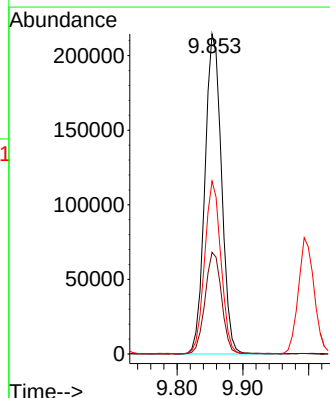
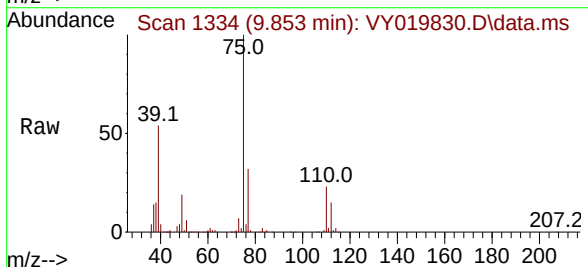
Tgt Ion: 75 Resp: 377341

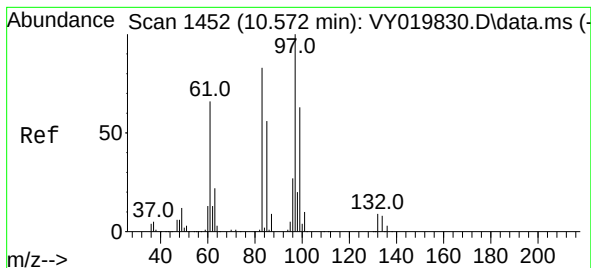
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 53.9 43.1 64.7

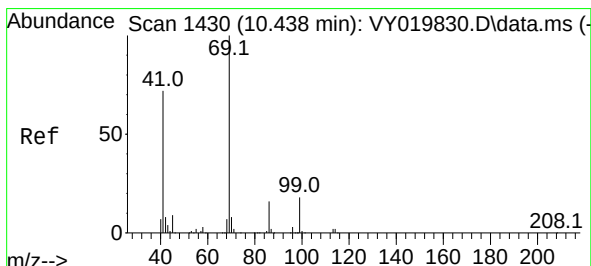
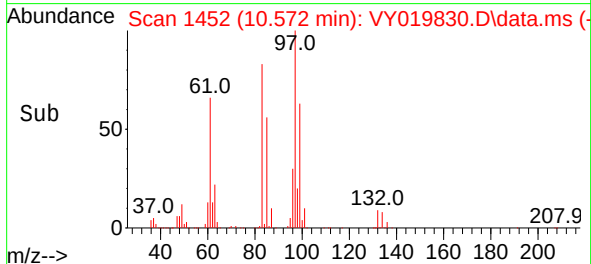
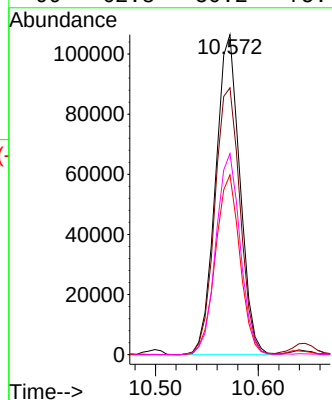
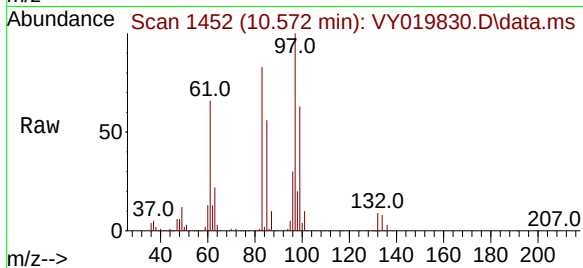




#55
1,1,2-Trichloroethane
Concen: 51.866 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

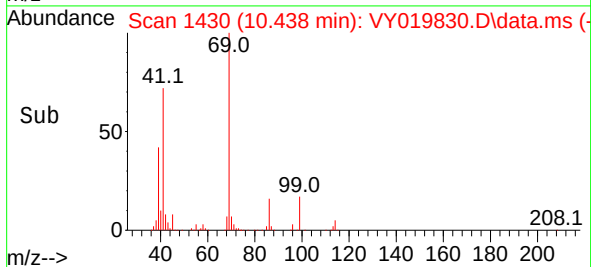
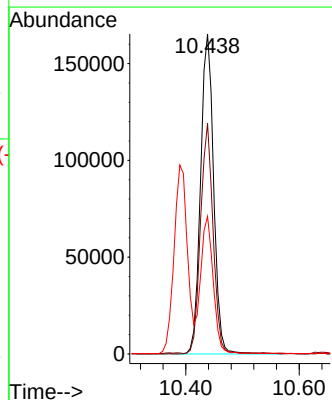
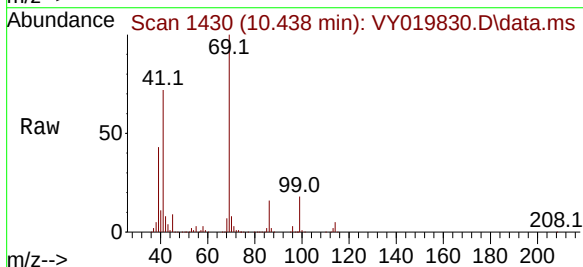
Instrument :
MSVOA_Y
ClientSampleId :

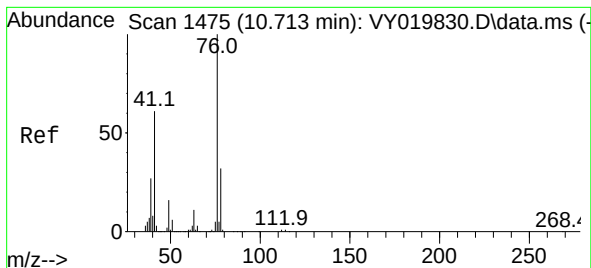
Tgt Ion: 97 Resp: 175360
Ion Ratio Lower Upper
97 100
83 83.4 66.7 100.1
85 56.2 45.0 67.4
99 62.8 50.2 75.4



#56
Ethyl methacrylate
Concen: 54.236 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 69 Resp: 263123
Ion Ratio Lower Upper
69 100
41 69.0 55.2 82.8
39 41.2 33.0 49.4





#57

1,3-Dichloropropane

Concen: 52.061 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

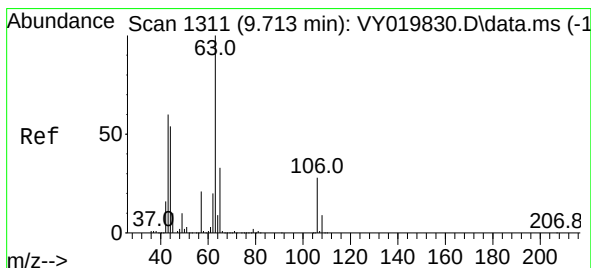
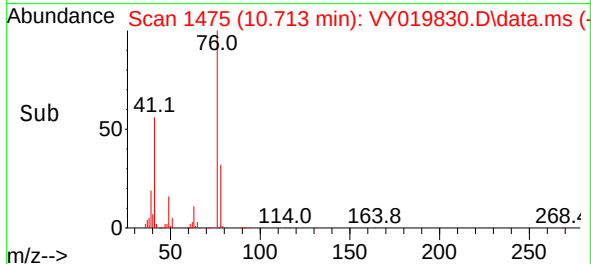
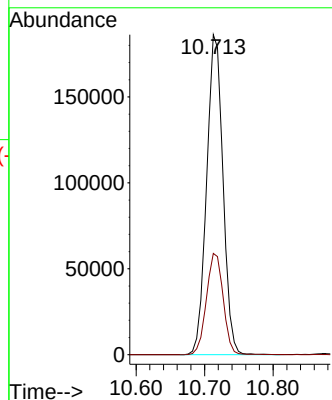
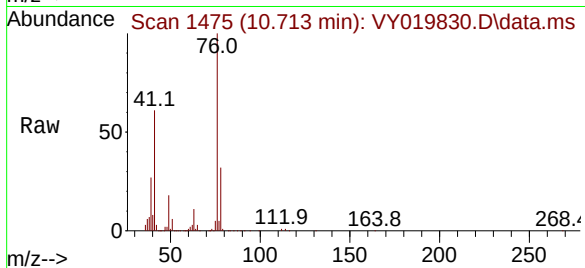
ClientSampleId :

Tgt Ion: 76 Resp: 309112

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 246.542 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019830.D

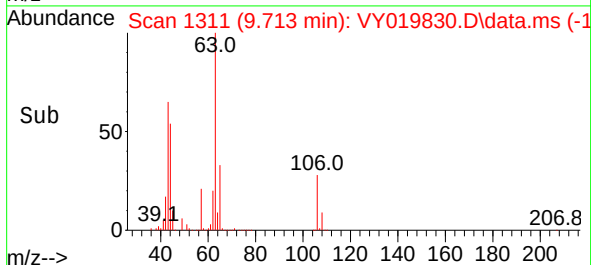
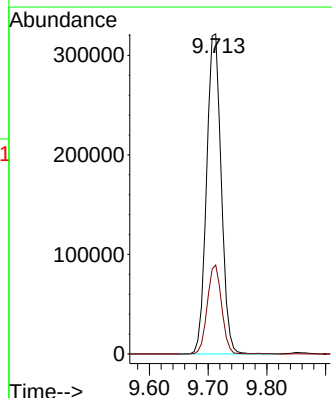
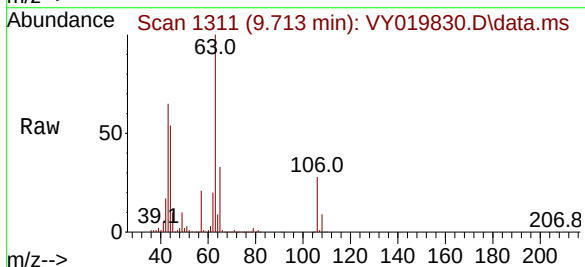
Acq: 09 Oct 2024 11:26

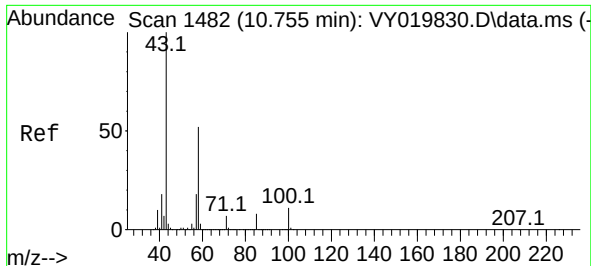
Tgt Ion: 63 Resp: 556812

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5





#59

2-Hexanone

Concen: 267.049 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

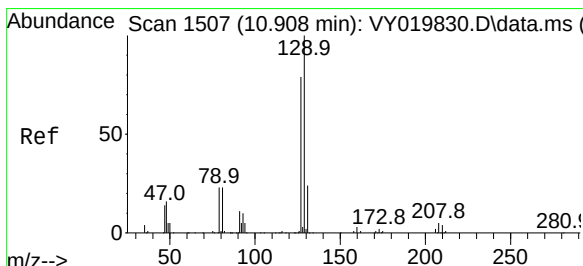
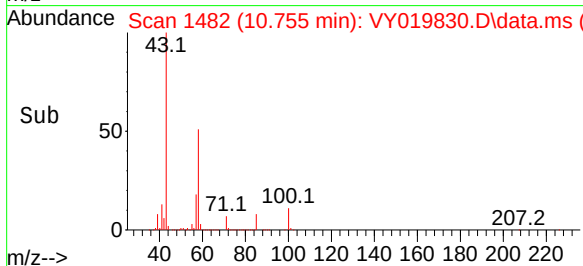
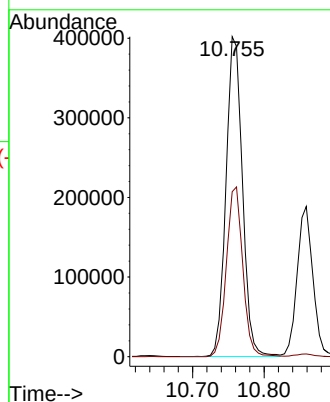
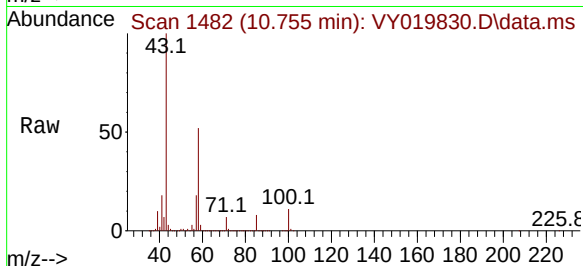
ClientSampleId :

Tgt Ion: 43 Resp: 641505

Ion Ratio Lower Upper

43 100

58 52.8 26.4 79.2



#60

Dibromochloromethane

Concen: 51.680 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019830.D

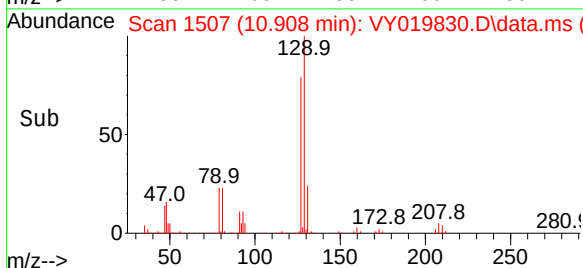
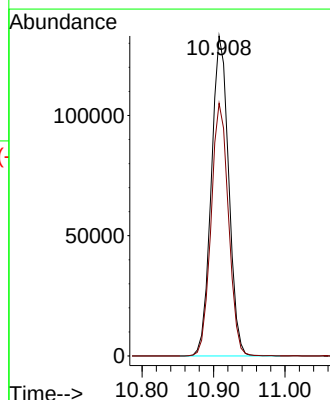
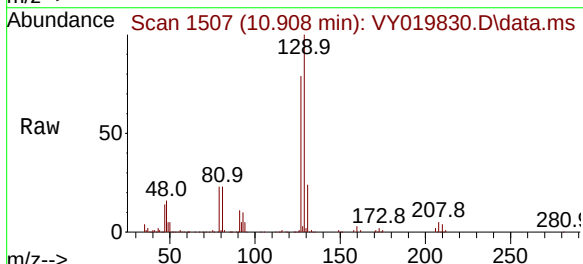
Acq: 09 Oct 2024 11:26

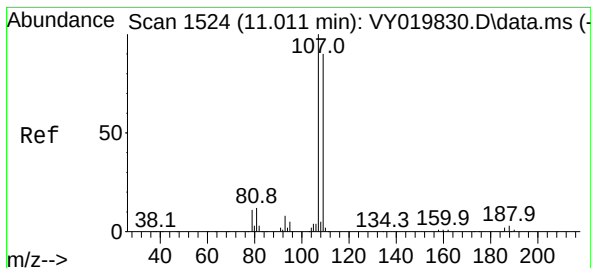
Tgt Ion:129 Resp: 224272

Ion Ratio Lower Upper

129 100

127 79.0 39.5 118.5

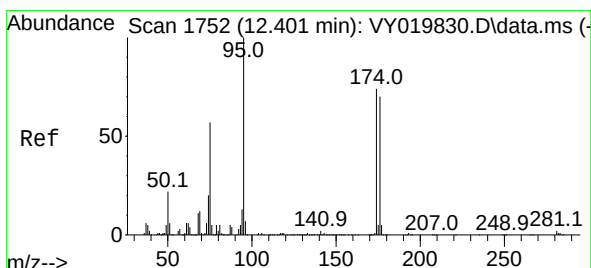
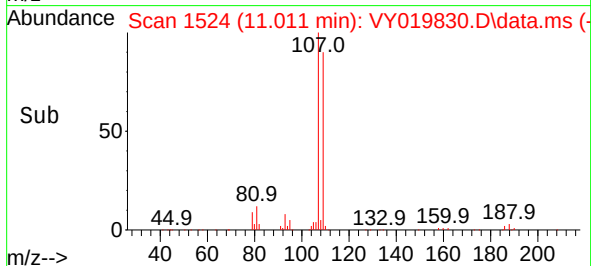
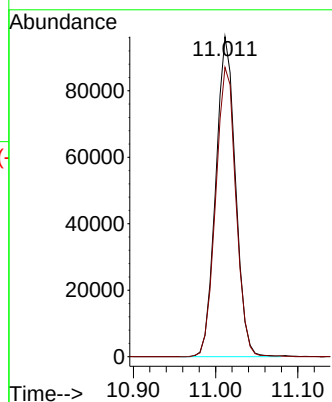
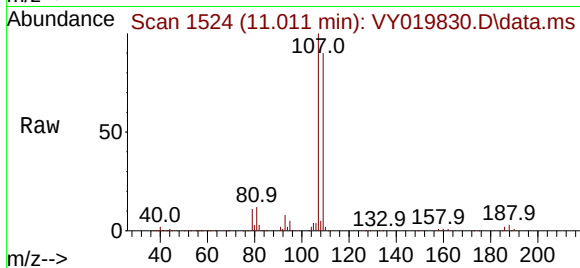




#61
1,2-Dibromoethane
Concen: 52.497 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

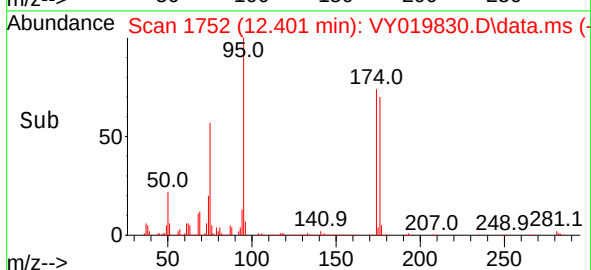
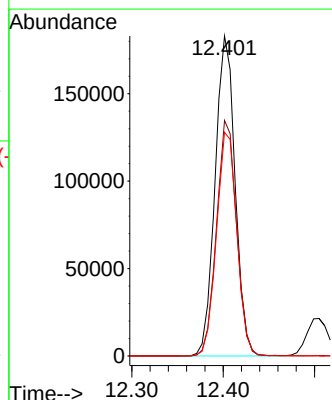
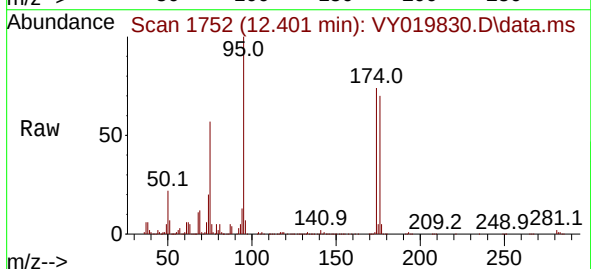
Instrument :
MSVOA_Y
ClientSampleId :

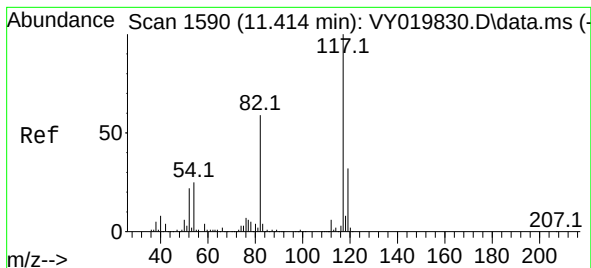
Tgt Ion:107 Resp: 160393
Ion Ratio Lower Upper
107 100
109 93.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 48.402 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 95 Resp: 277970
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 71.2 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

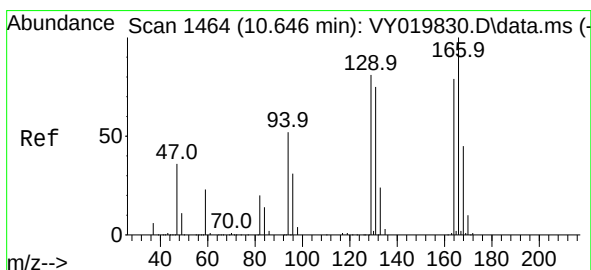
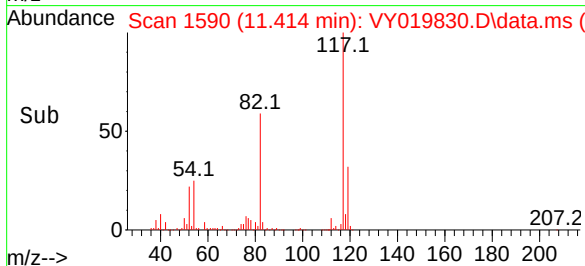
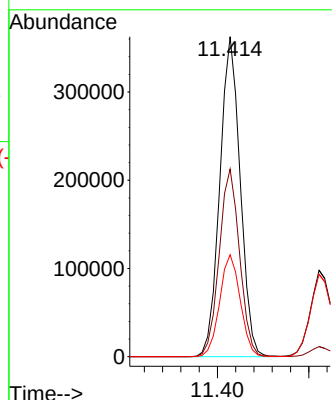
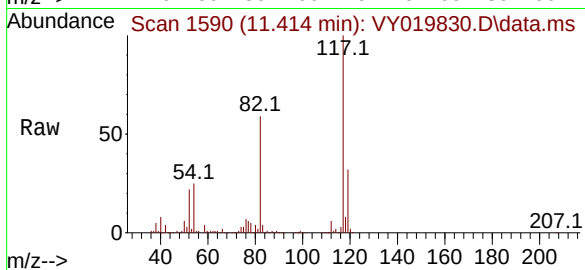
Tgt Ion:117 Resp: 562284

Ion Ratio Lower Upper

117 100

82 58.6 46.9 70.3

119 31.8 25.4 38.2



#64

Tetrachloroethene

Concen: 51.709 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Tgt Ion:164 Resp: 206807

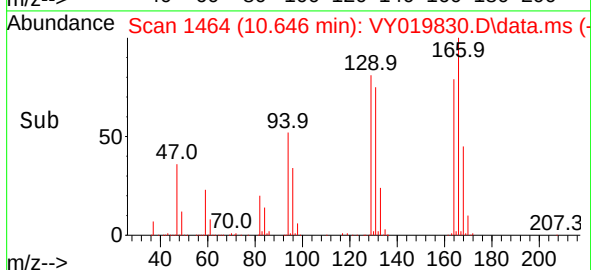
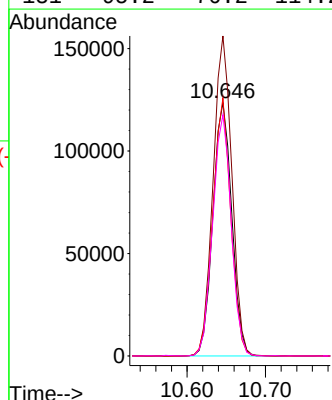
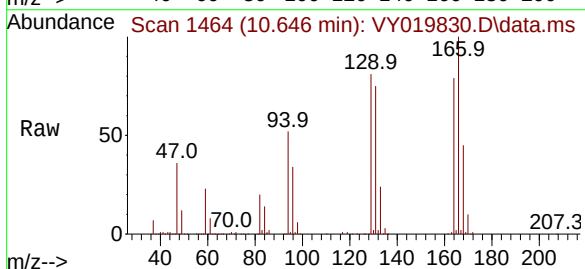
Ion Ratio Lower Upper

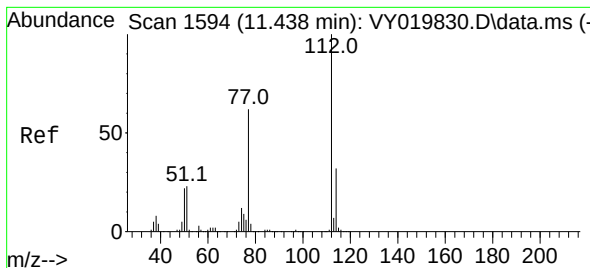
164 100

166 126.3 101.0 151.6

129 101.8 81.4 122.2

131 95.2 76.2 114.2





#65

Chlorobenzene

Concen: 51.188 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

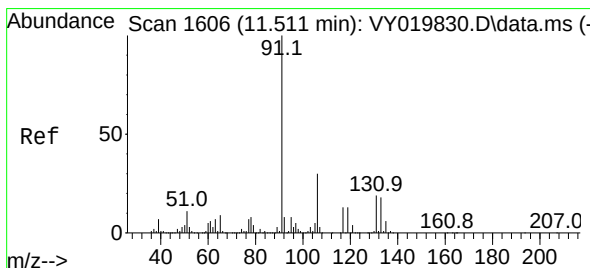
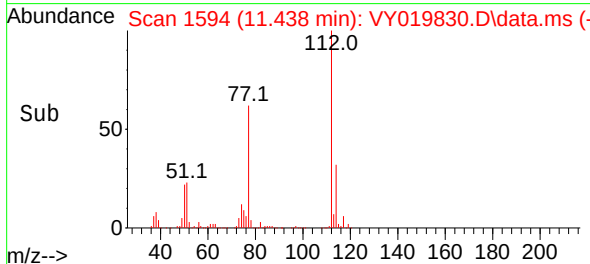
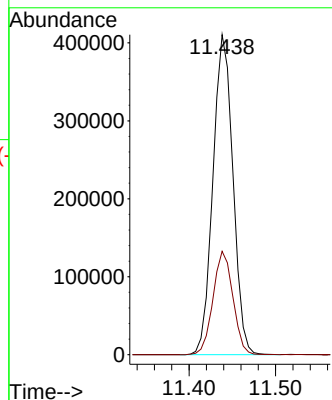
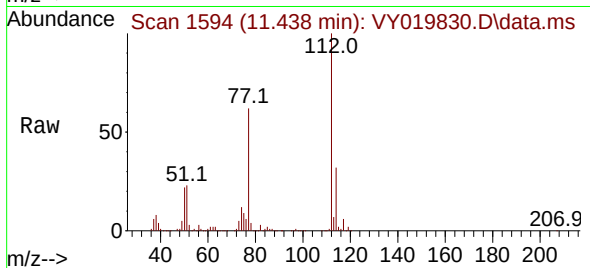
ClientSampleId :

Tgt Ion:112 Resp: 658325

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.379 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

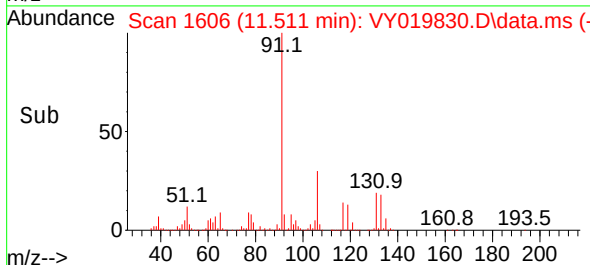
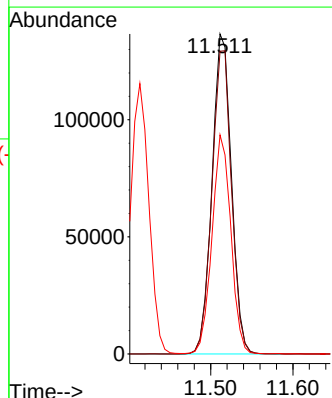
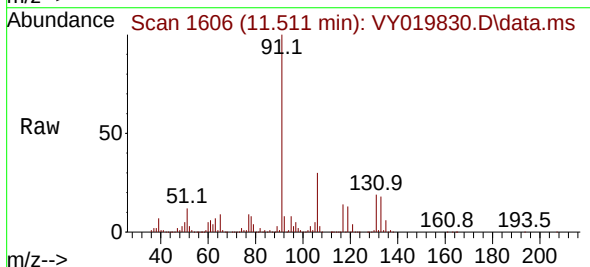
Tgt Ion:131 Resp: 223562

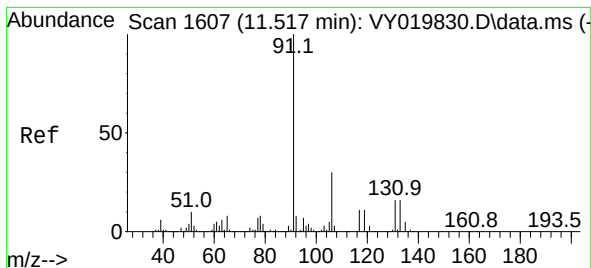
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 66.7 33.4 100.1





#67

Ethyl Benzene

Concen: 52.085 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

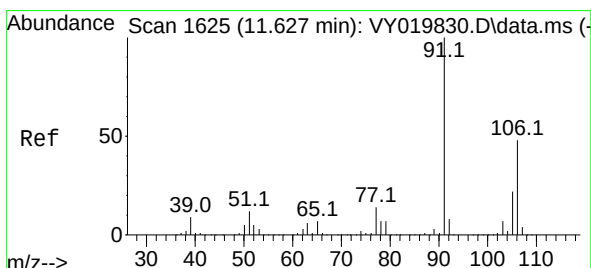
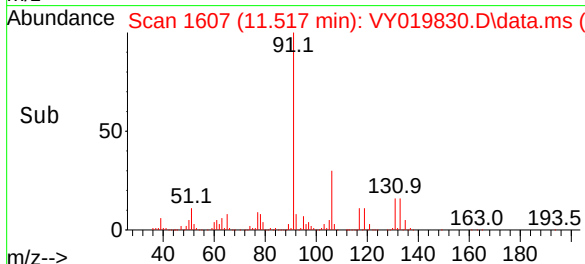
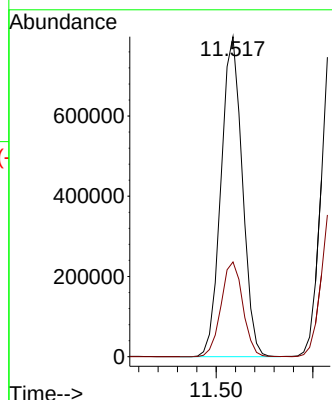
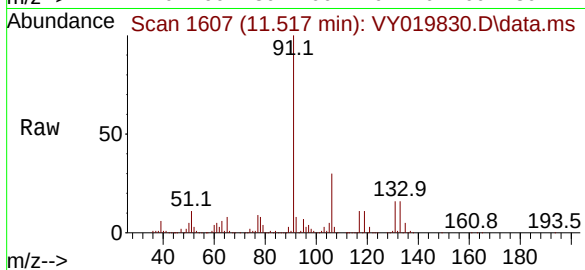
ClientSampleId :

Tgt Ion: 91 Resp: 1216822

Ion Ratio Lower Upper

91 100

106 29.6 23.7 35.5



#68

m/p-Xylenes

Concen: 103.787 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019830.D

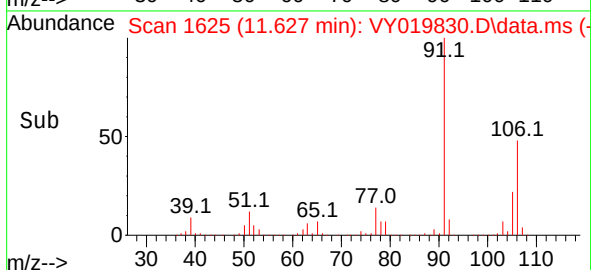
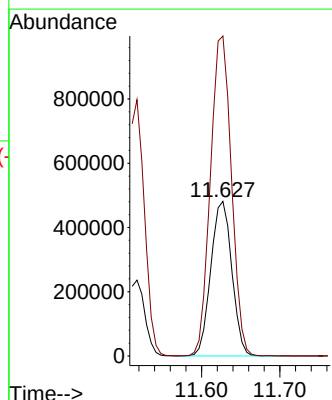
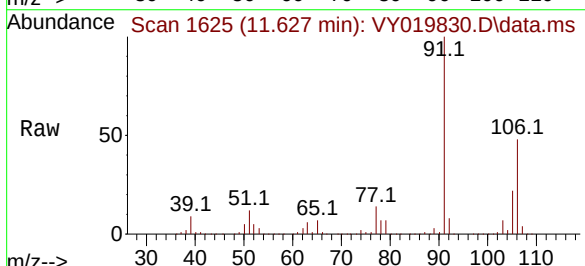
Acq: 09 Oct 2024 11:26

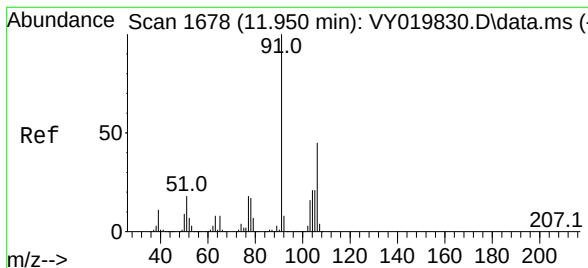
Tgt Ion:106 Resp: 895487

Ion Ratio Lower Upper

106 100

91 207.1 165.7 248.5

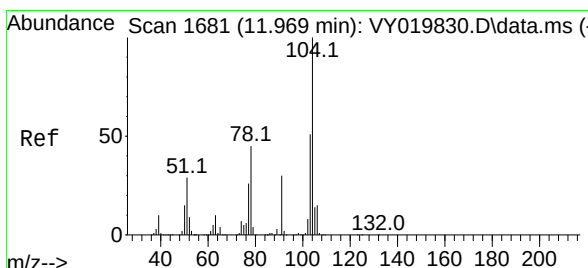
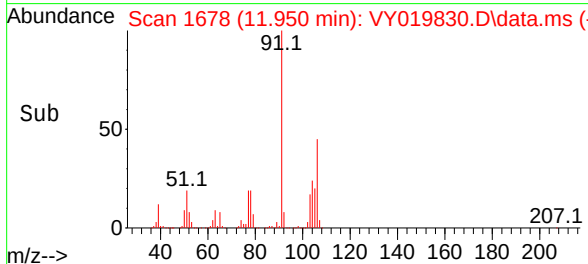
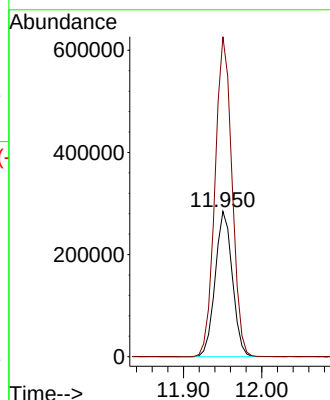
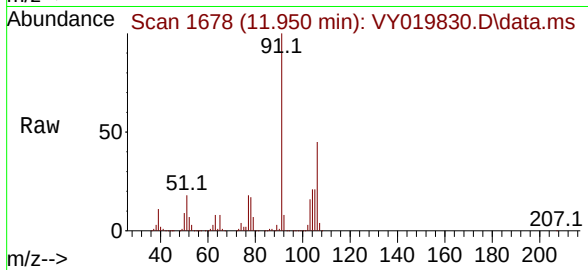




#69
o-Xylene
Concen: 52.139 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

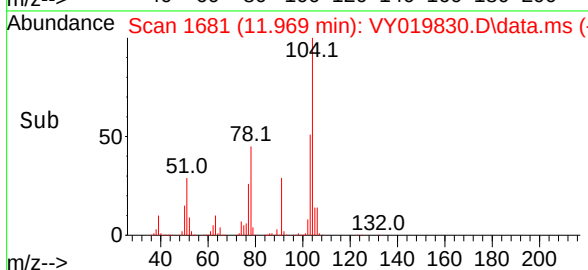
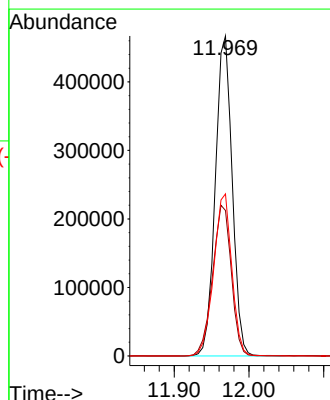
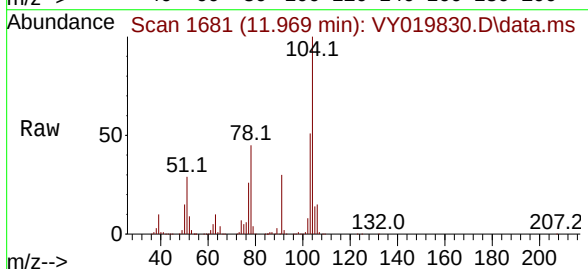
Instrument :
MSVOA_Y
ClientSampleId :

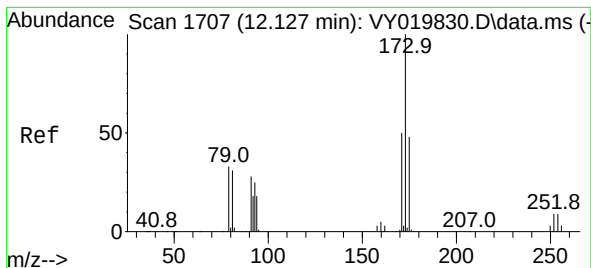
Tgt Ion:106 Resp: 432232
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4



#70
Styrene
Concen: 52.425 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion:104 Resp: 733231
Ion Ratio Lower Upper
104 100
78 52.4 41.9 62.9
103 54.6 43.7 65.5





#71

Bromoform

Concen: 53.097 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

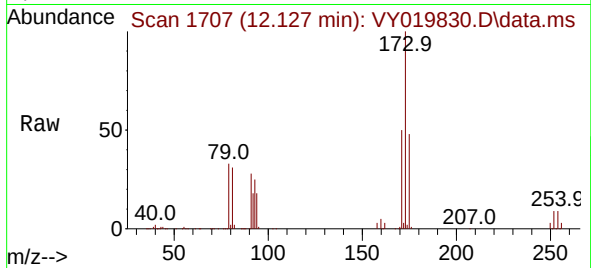
Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

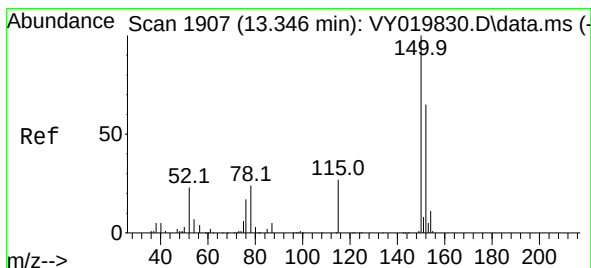
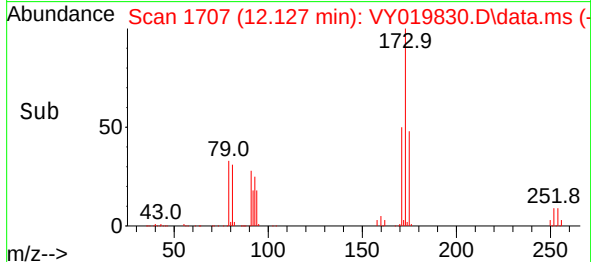
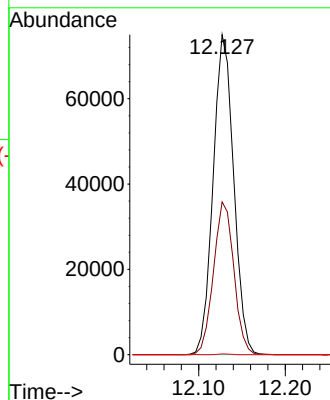
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	123682
Ion Ratio	Lower	Upper	
173	100		
175	47.3	23.6	71.0
254	0.1	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

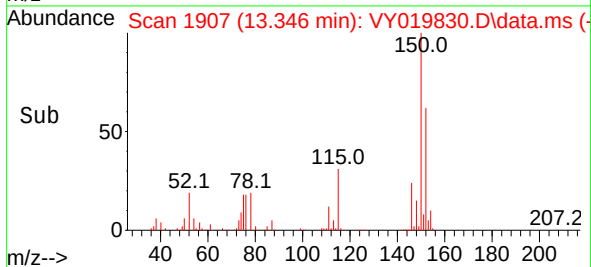
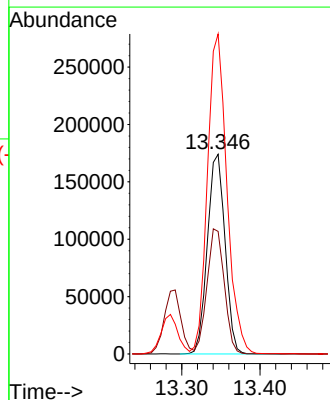
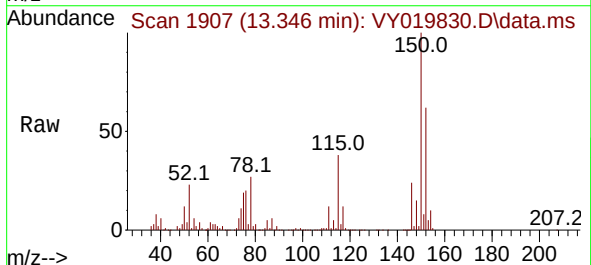
RT: 13.346 min Scan# 1907

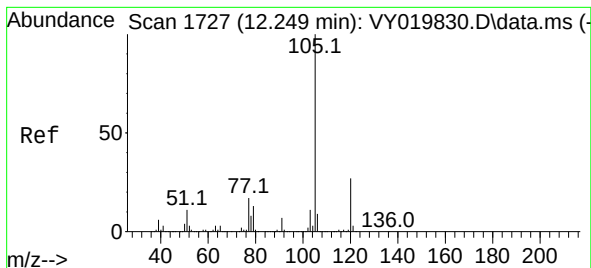
Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Tgt Ion:	152	Resp:	271955
Ion Ratio	Lower	Upper	
152	100		
115	61.5	30.8	92.3
150	176.4	0.0	352.8





#73

Isopropylbenzene

Concen: 50.736 ug/l

RT: 12.249 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

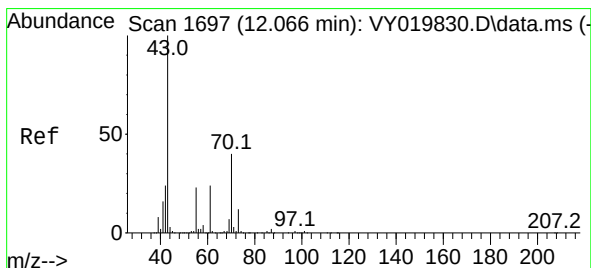
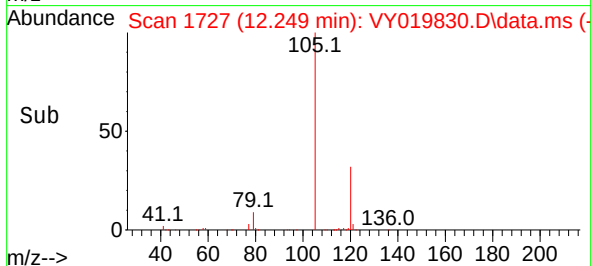
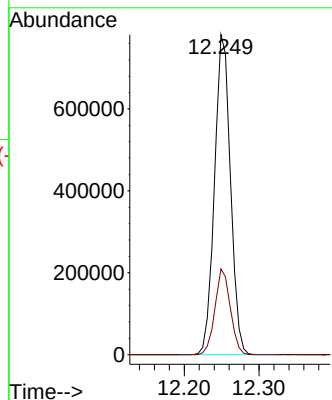
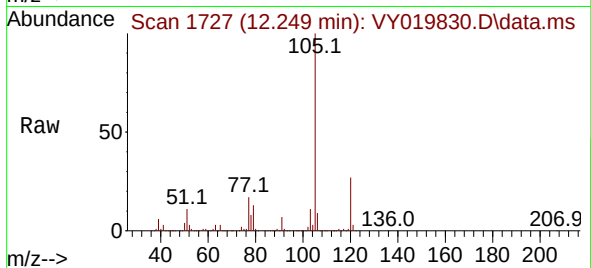
ClientSampleId :

Tgt Ion:105 Resp: 1160583

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 52.678 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Tgt Ion: 43 Resp: 319155

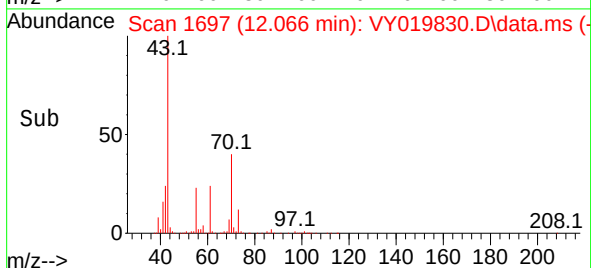
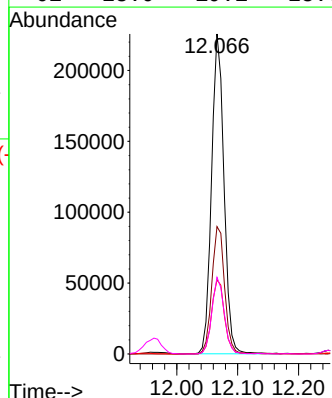
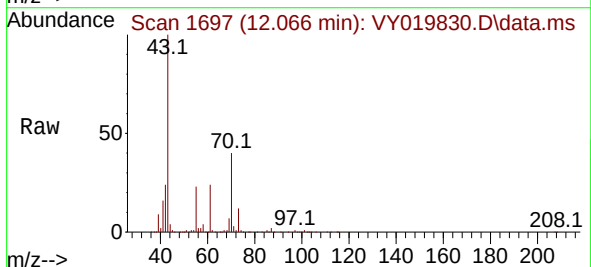
Ion Ratio Lower Upper

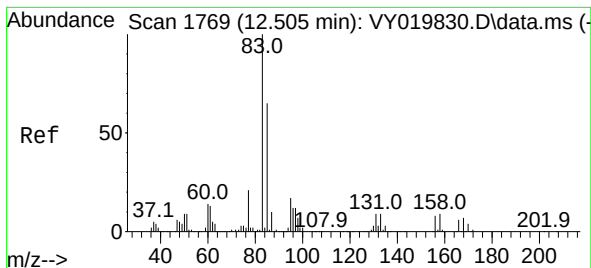
43 100

70 41.0 32.8 49.2

55 24.1 19.3 28.9

61 23.9 19.1 28.7

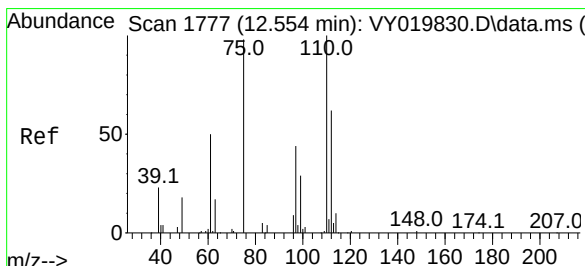
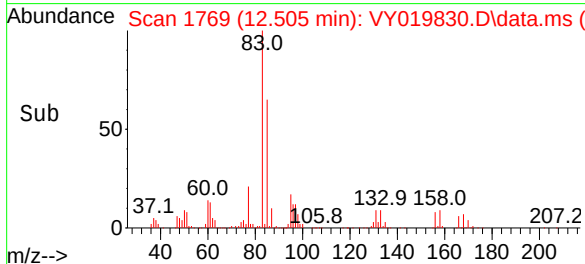
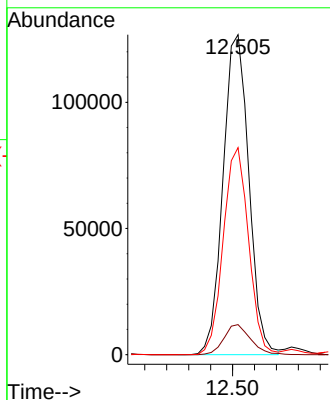
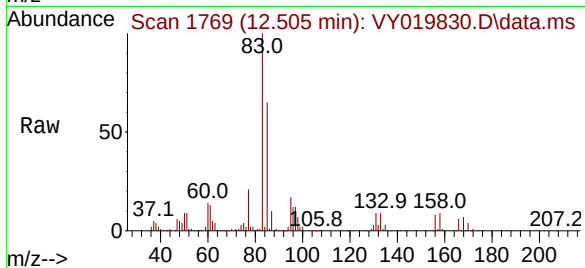




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.039 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY019830.D
 Acq: 09 Oct 2024 11:26

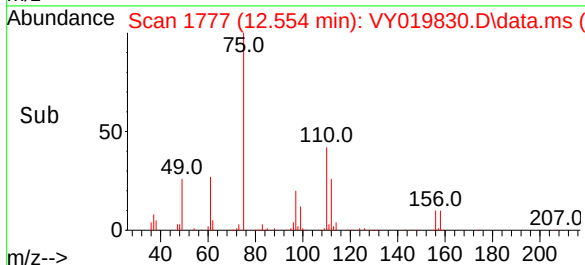
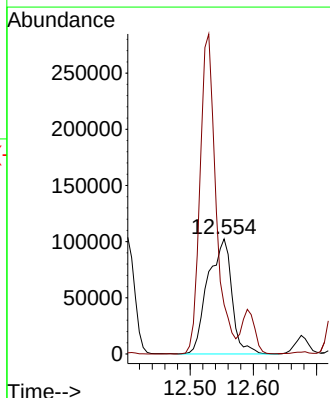
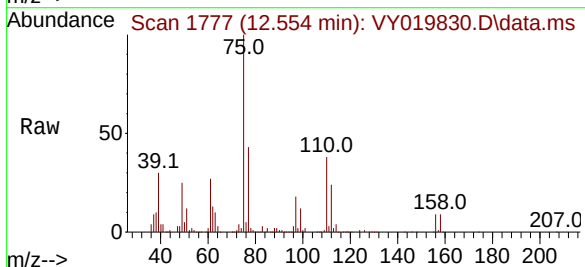
Instrument :
 MSVOA_Y
 ClientSampleId :

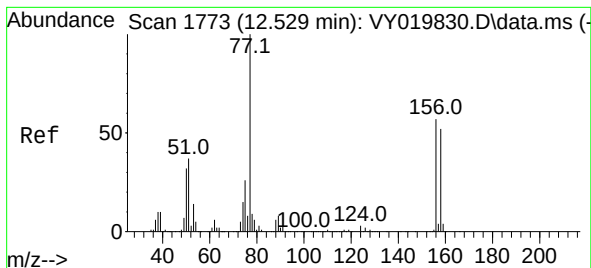
Tgt Ion: 83 Resp: 207455
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 63.4 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 95.264 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY019830.D
 Acq: 09 Oct 2024 11:26

Tgt Ion: 75 Resp: 269070
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.151 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

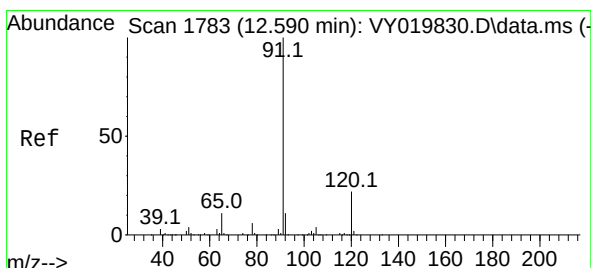
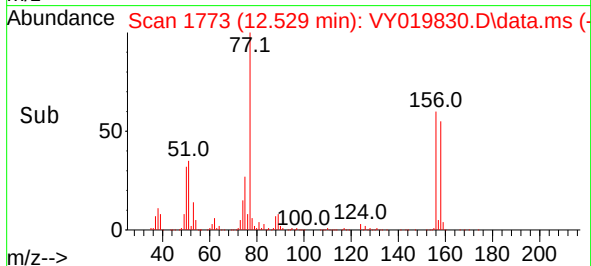
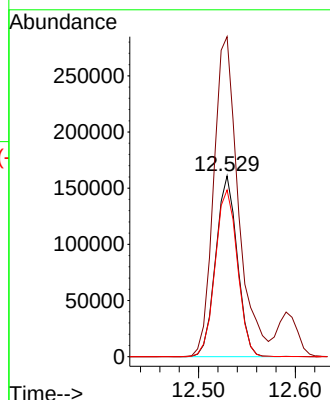
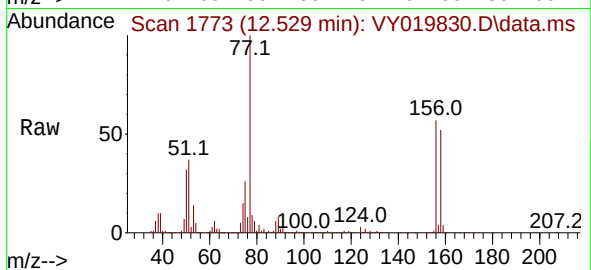
Tgt Ion:156 Resp: 248295

Ion Ratio Lower Upper

156 100

77 202.6 101.3 303.9

158 95.7 47.9 143.6



#78

n-propylbenzene

Concen: 51.290 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY019830.D

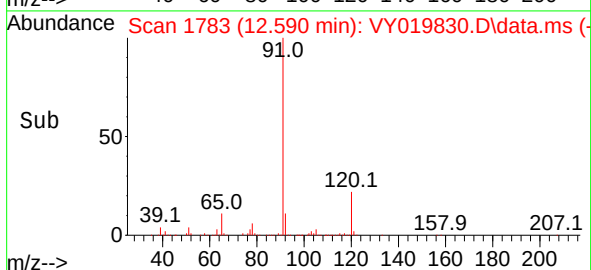
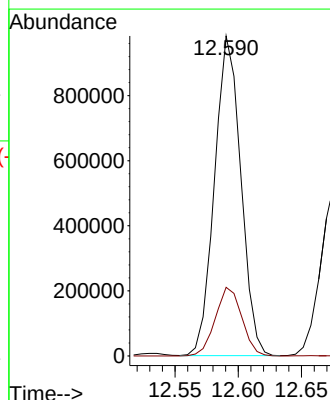
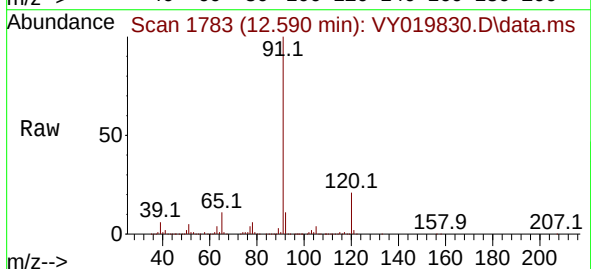
Acq: 09 Oct 2024 11:26

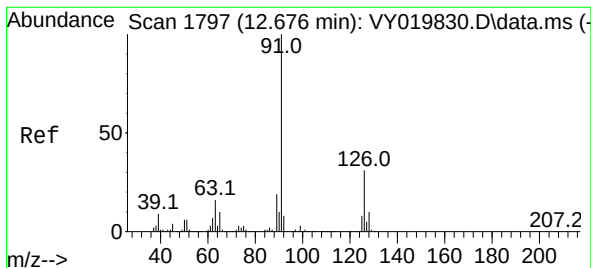
Tgt Ion: 91 Resp: 1417674

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.4





#79

2-Chlorotoluene

Concen: 51.052 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

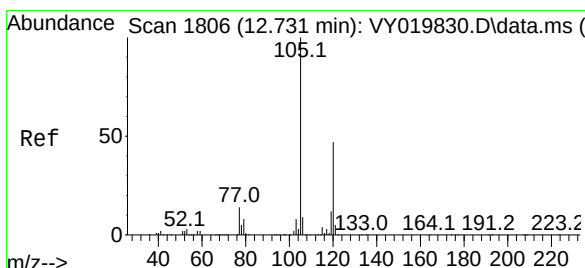
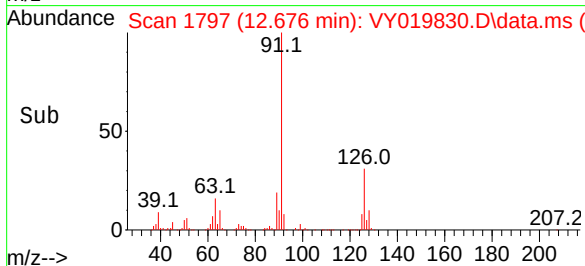
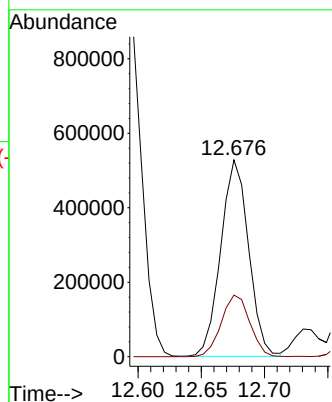
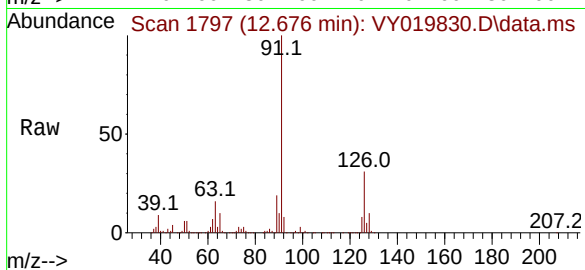
ClientSampleId :

Tgt Ion: 91 Resp: 808973

Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 51.081 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY019830.D

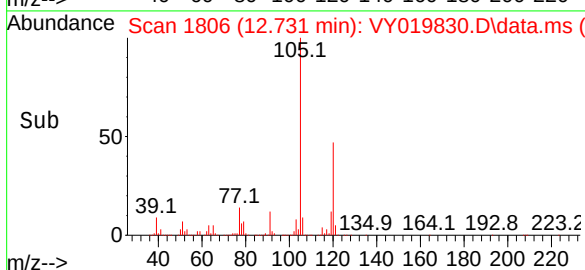
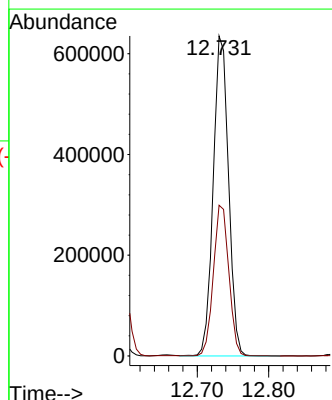
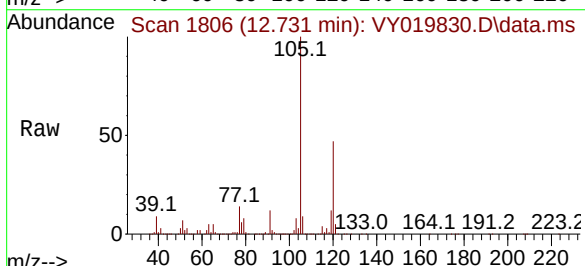
Acq: 09 Oct 2024 11:26

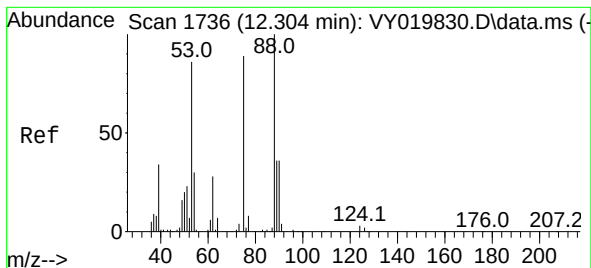
Tgt Ion:105 Resp: 943653

Ion Ratio Lower Upper

105 100

120 47.7 23.8 71.5

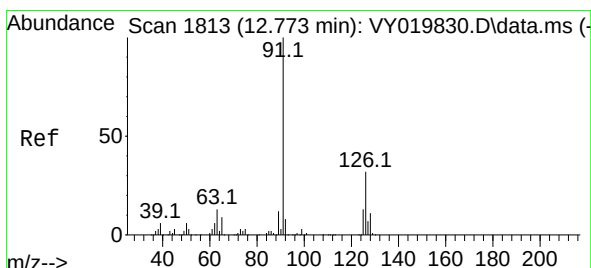
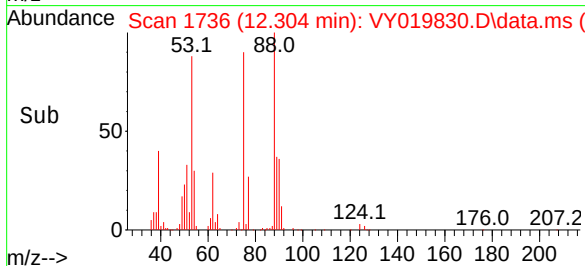
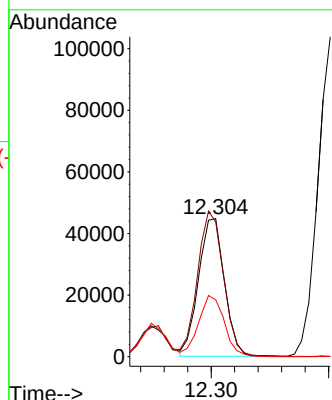
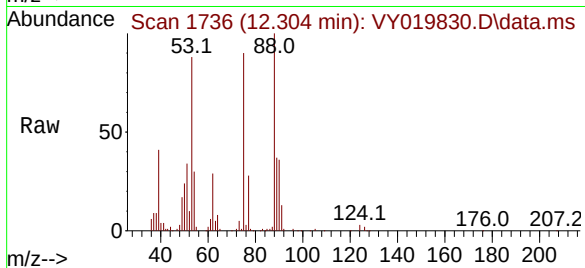




#81
trans-1,4-Dichloro-2-butene
Concen: 51.748 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

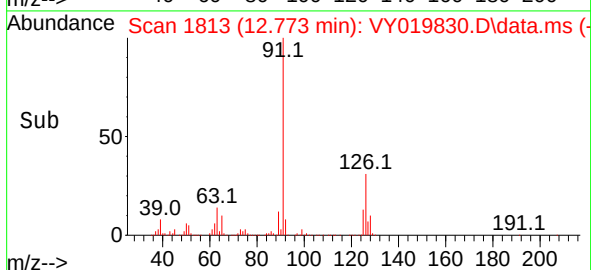
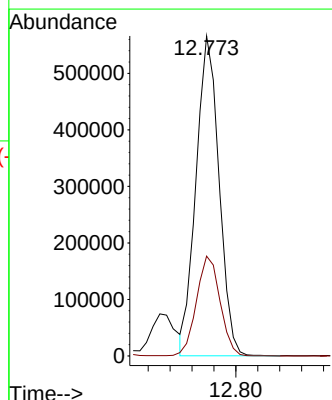
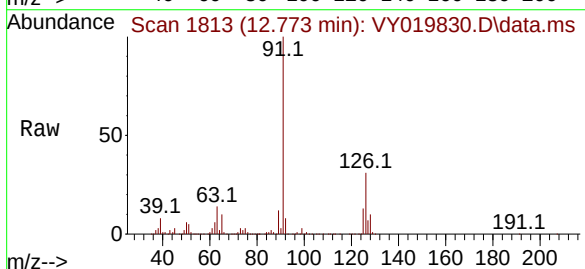
Instrument :
MSVOA_Y
ClientSampleId :

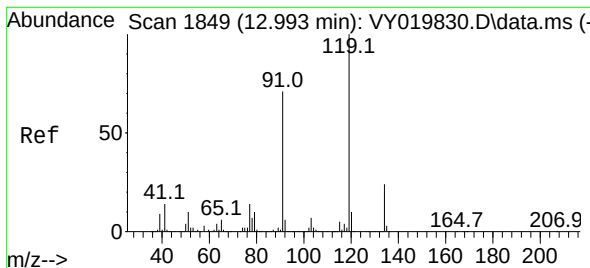
Tgt Ion: 75 Resp: 68301
Ion Ratio Lower Upper
75 100
53 105.9 84.7 127.1
89 44.3 35.4 53.2



#82
4-Chlorotoluene
Concen: 50.835 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY019830.D
Acq: 09 Oct 2024 11:26

Tgt Ion: 91 Resp: 823660
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3





#83

tert-Butylbenzene

Concen: 50.943 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

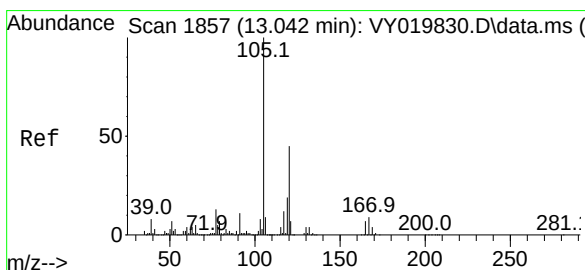
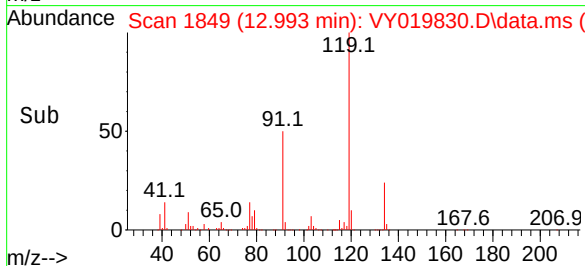
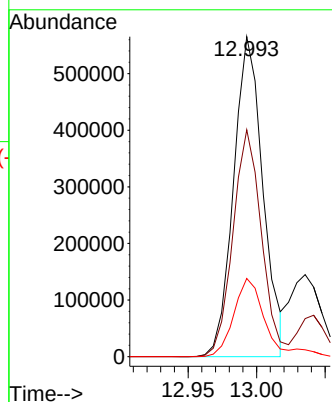
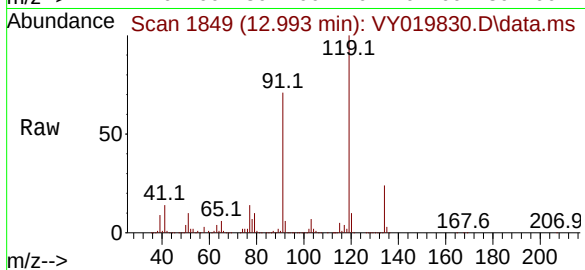
Tgt Ion:119 Resp: 843078

Ion Ratio Lower Upper

119 100

91 69.2 34.6 103.8

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.463 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019830.D

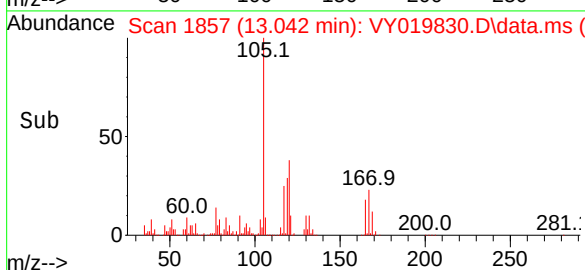
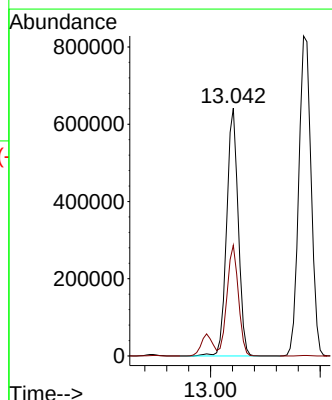
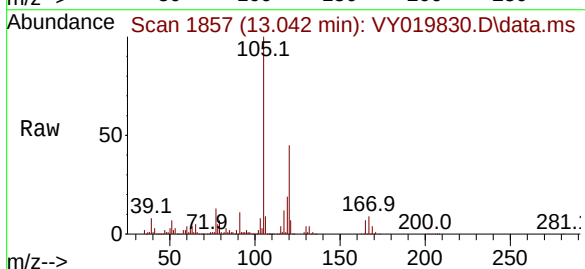
Acq: 09 Oct 2024 11:26

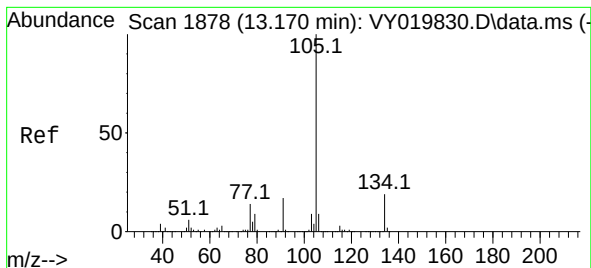
Tgt Ion:105 Resp: 942572

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.898 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

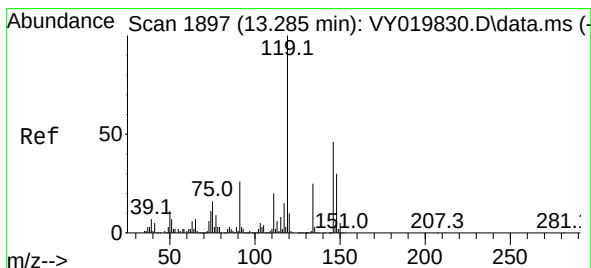
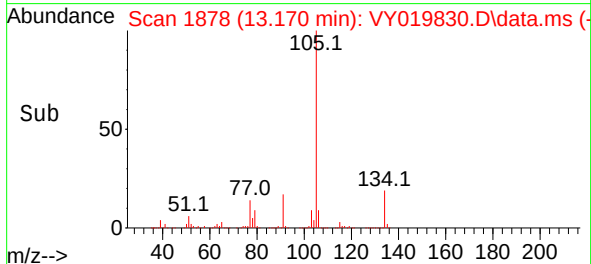
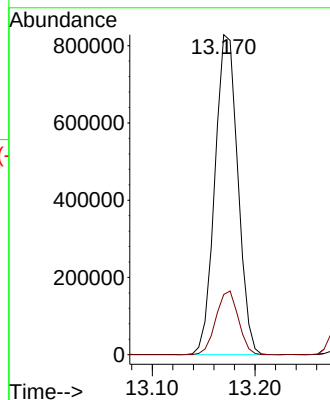
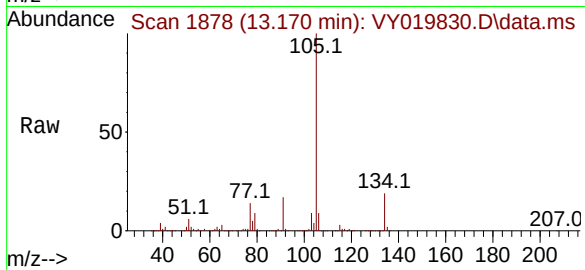
ClientSampleId :

Tgt Ion:105 Resp: 1283255

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.602 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

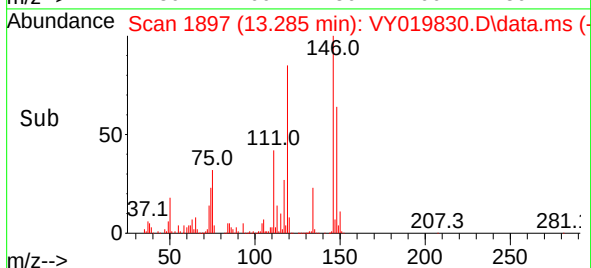
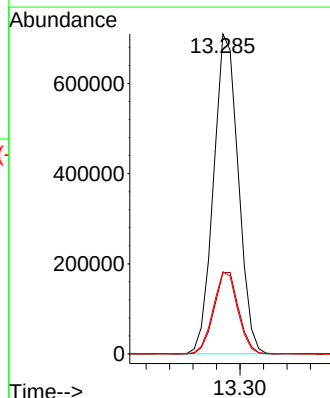
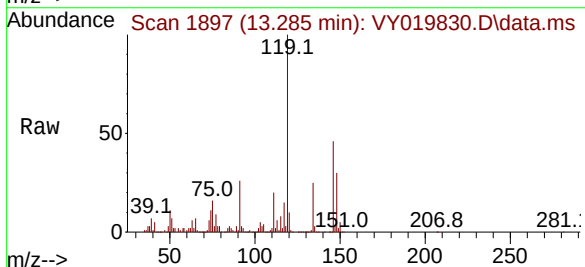
Tgt Ion:119 Resp: 1036077

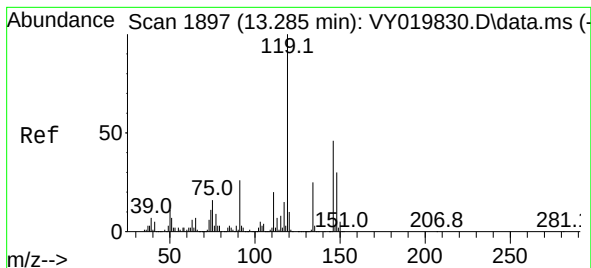
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 50.453 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

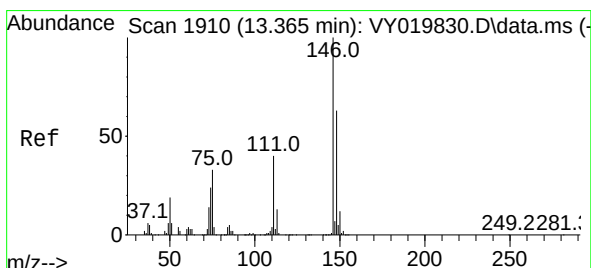
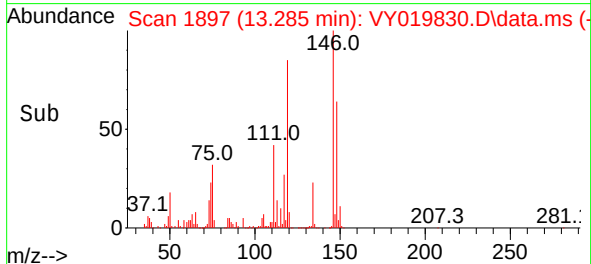
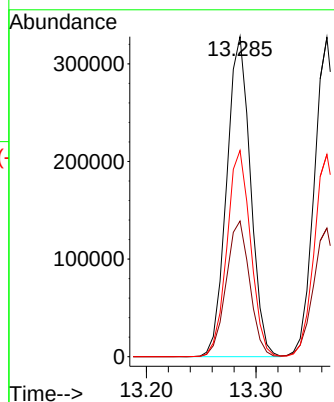
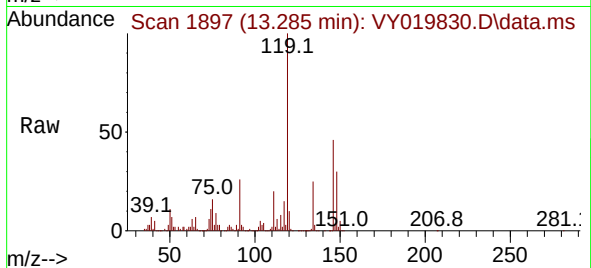
Tgt Ion:146 Resp: 494583

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 50.867 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

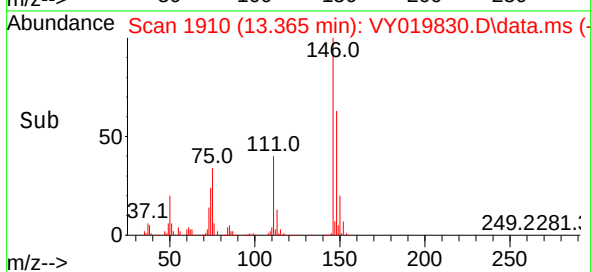
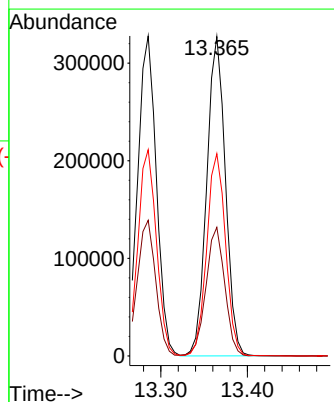
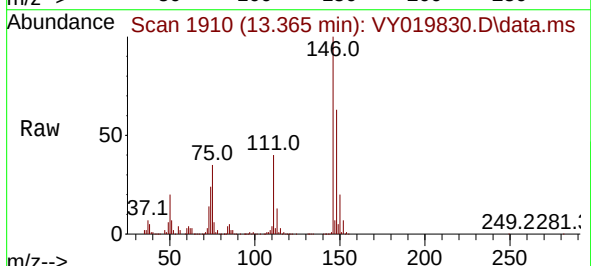
Tgt Ion:146 Resp: 489868

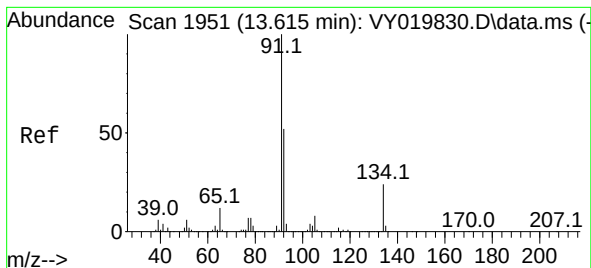
Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 53.083 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

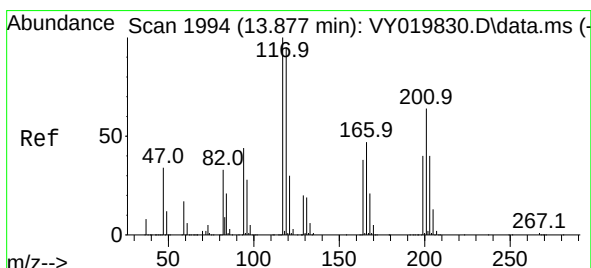
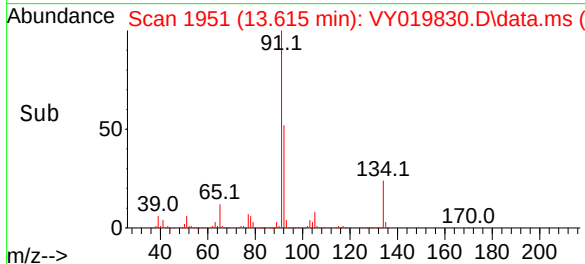
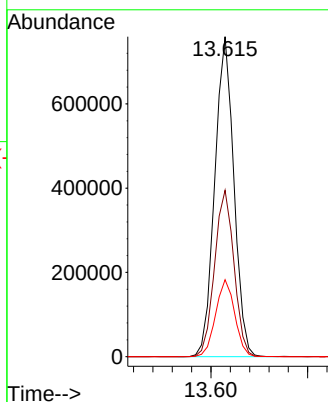
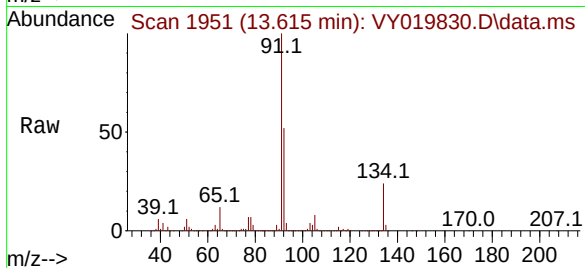
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1040714

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.4
134	24.1	12.0	36.1



#90

Hexachloroethane

Concen: 51.381 ug/l

RT: 13.877 min Scan# 1994

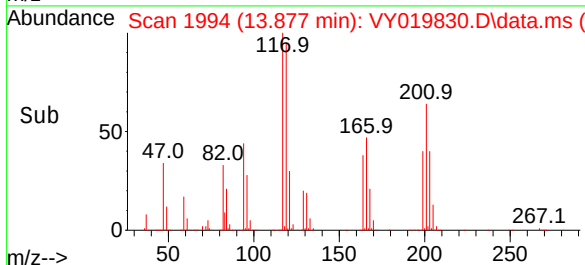
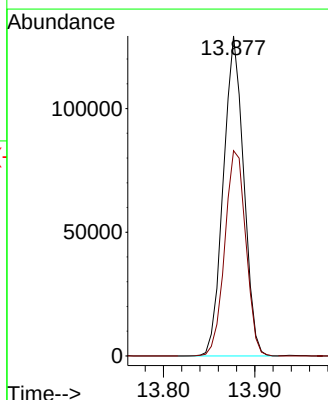
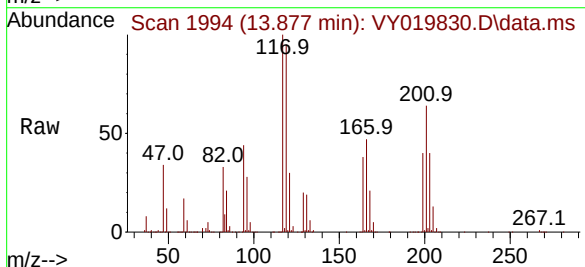
Delta R.T. 0.000 min

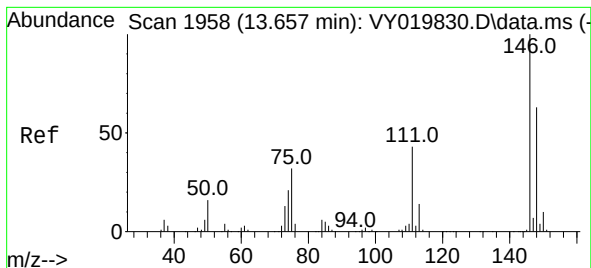
Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Tgt Ion: 117 Resp: 200883

Ion	Ratio	Lower	Upper
117	100		
201	66.3	33.1	99.5





#91

1,2-Dichlorobenzene

Concen: 50.904 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

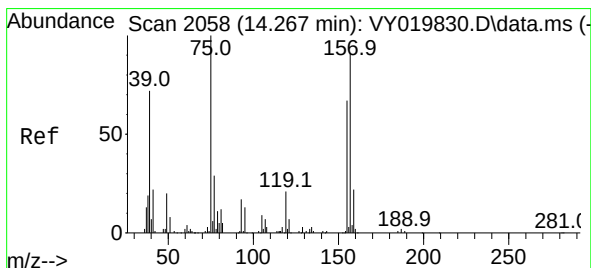
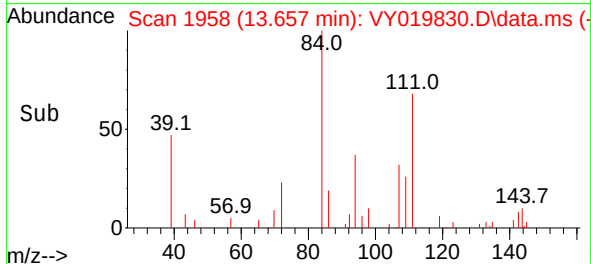
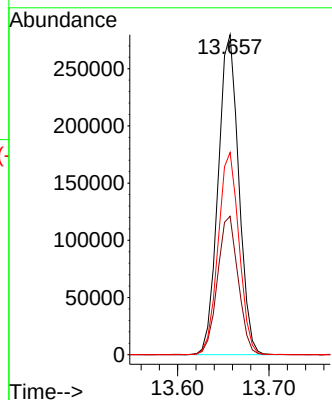
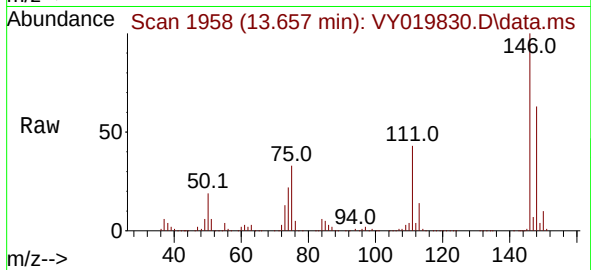
Tgt Ion:146 Resp: 438452

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.555 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

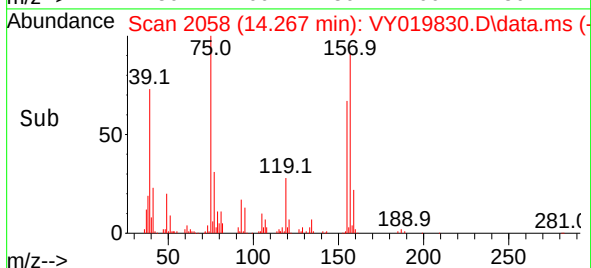
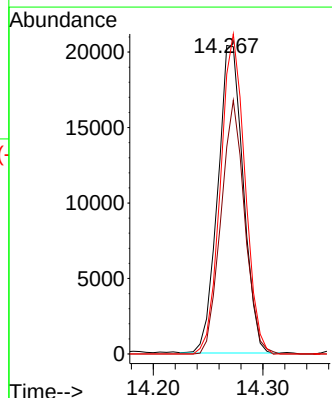
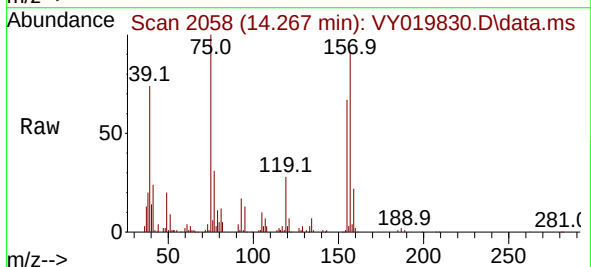
Tgt Ion: 75 Resp: 32794

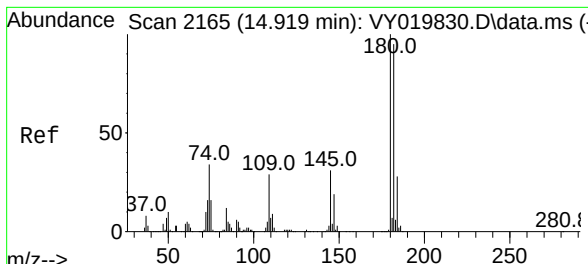
Ion Ratio Lower Upper

75 100

155 77.0 38.5 115.5

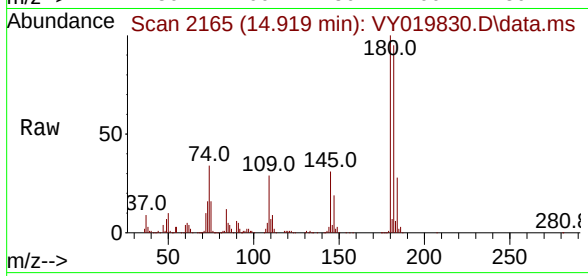
157 99.8 49.9 149.7





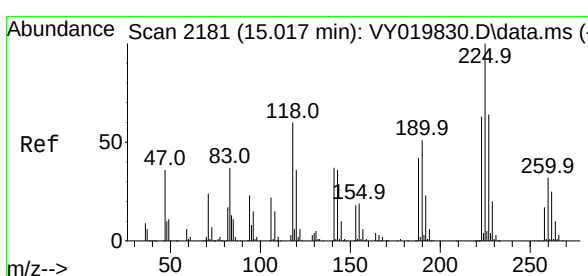
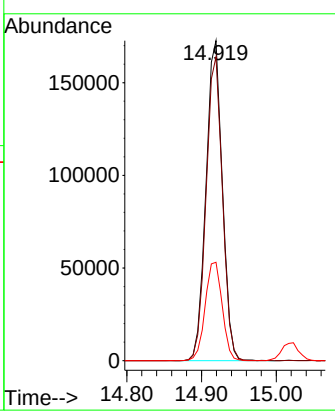
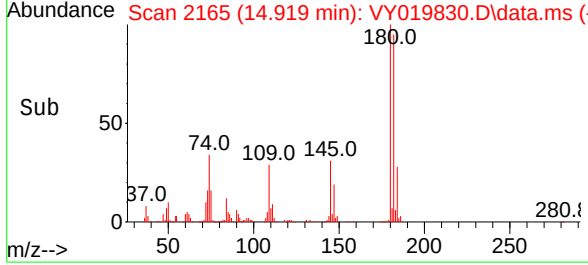
#93
 1,2,4-Trichlorobenzene
 Concen: 54.343 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY019830.D
 Acq: 09 Oct 2024 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :

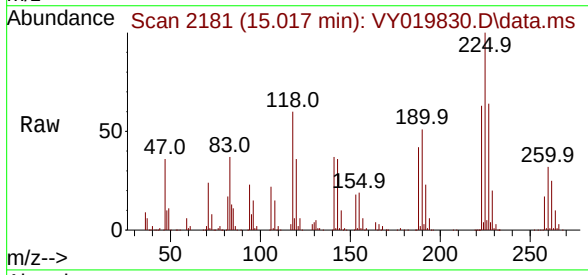


Tgt Ion:180 Resp: 262465

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	32.1	16.1	48.2

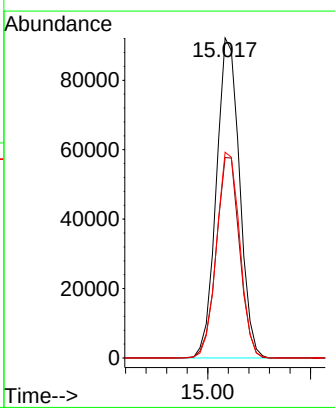
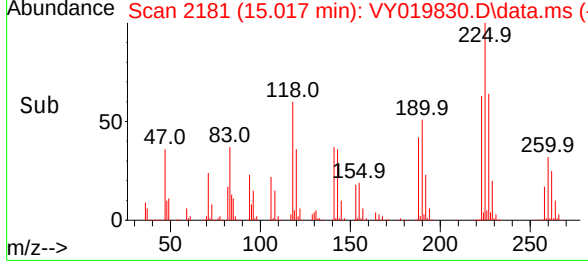


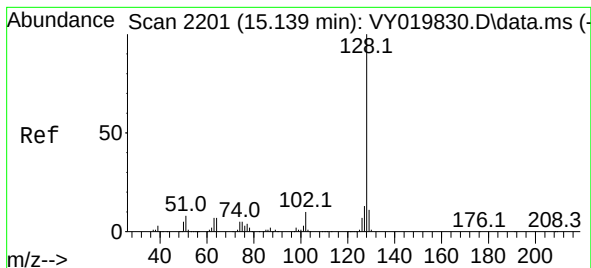
#94
 Hexachlorobutadiene
 Concen: 53.614 ug/l
 RT: 15.017 min Scan# 2181
 Delta R.T. 0.000 min
 Lab File: VY019830.D
 Acq: 09 Oct 2024 11:26



Tgt Ion:225 Resp: 143964

Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	64.5	32.3	96.8





#95

Naphthalene

Concen: 55.083 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

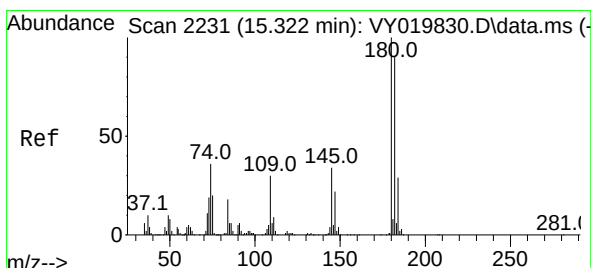
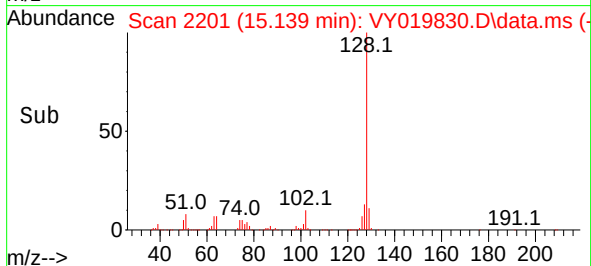
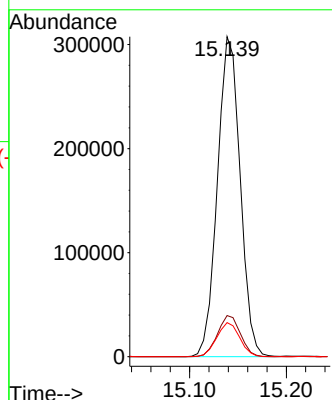
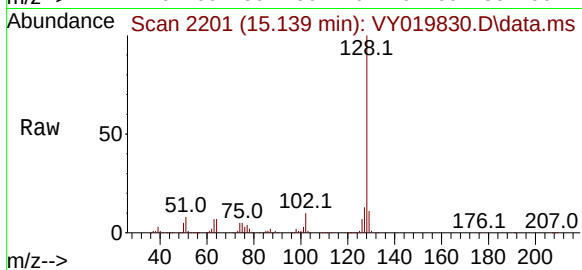
Tgt Ion:128 Resp: 501768

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 54.790 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY019830.D

Acq: 09 Oct 2024 11:26

Tgt Ion:180 Resp: 223695

Ion Ratio Lower Upper

180 100

182 93.6 46.8 140.4

145 33.7 16.9 50.6

