

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019827.D
 Acq On : 09 Oct 2024 10:18
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:15:24 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	7.713	168	374343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	666511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	557182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	257354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	26224	5.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.380%#
35) Dibromofluoromethane	7.640	113	23731	5.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.800%#
50) Toluene-d8	10.103	98	86603	5.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.660%#
62) 4-Bromofluorobenzene	12.402	95	33223	5.661	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	11.320%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	18708	5.368	ug/l	98
3) Chloromethane	2.074	50	24088	5.311	ug/l	99
4) Vinyl Chloride	2.208	62	26464	5.302	ug/l	96
5) Bromomethane	2.605	94	17128	5.422	ug/l	96
6) Chloroethane	2.739	64	18439	5.499	ug/l	97
7) Trichlorofluoromethane	3.062	101	41227	5.551	ug/l	91
8) Diethyl Ether	3.452	74	11854	5.252	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.824	101	23186	5.367	ug/l	99
10) Methyl Iodide	4.001	142	21313	4.878	ug/l	97
11) Tert butyl alcohol	4.860	59	15386	25.435	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	21994	5.477	ug/l	96
13) Acrolein	3.653	56	11407	33.680	ug/l	99
14) Allyl chloride	4.385	41	39466	5.447	ug/l	100
15) Acrylonitrile	5.061	53	28849	27.944	ug/l	97
16) Acetone	3.873	43	36615	30.516	ug/l	92
17) Carbon Disulfide	4.110	76	56179	5.219	ug/l	97
18) Methyl Acetate	4.391	43	14714	5.693	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	64344	5.577	ug/l	93
20) Methylene Chloride	4.616	84	32544	6.721	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	23585	5.396	ug/l	93
22) Diisopropyl ether	6.019	45	85560	5.421	ug/l #	90
23) Vinyl Acetate	5.964	43	241204	26.658	ug/l	99
24) 1,1-Dichloroethane	5.921	63	48212	5.495	ug/l	99
25) 2-Butanone	6.896	43	46904	29.204	ug/l	96
26) 2,2-Dichloropropane	6.884	77	45964	5.883	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	29094	5.386	ug/l	96
28) Bromochloromethane	7.250	49	22704	5.879	ug/l	94
29) Tetrahydrofuran	7.262	42	26280	28.658	ug/l	97
30) Chloroform	7.421	83	49340	5.517	ug/l	99
31) Cyclohexane	7.701	56	47253	6.136	ug/l #	85
32) 1,1,1-Trichloroethane	7.616	97	41860	5.341	ug/l	97
36) 1,1-Dichloropropene	7.835	75	34242	5.404	ug/l	99
37) Ethyl Acetate	6.988	43	17987	5.444	ug/l	96
38) Carbon Tetrachloride	7.817	117	35007	5.153	ug/l	98
39) Methylcyclohexane	9.109	83	41950	5.254	ug/l	96
40) Benzene	8.079	78	100750	5.254	ug/l	97

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 Data File : VY019827.D
 Acq On : 09 Oct 2024 10:18
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:15:24 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)
41) Methacrylonitrile	7.220	41	8419	4.708	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	29850	5.418	ug/l	99
43) Isopropyl Acetate	8.195	43	36465	5.412	ug/l #	88
44) Trichloroethene	8.866	130	25386	5.466	ug/l	88
45) 1,2-Dichloropropane	9.140	63	26001	5.417	ug/l	94
46) Dibromomethane	9.231	93	14664	5.592	ug/l	95
47) Bromodichloromethane	9.420	83	36601	5.258	ug/l	97
48) Methyl methacrylate	9.225	41	14711	4.963	ug/l	92
49) 1,4-Dioxane	9.231	88	2943	100.270	ug/l #	74
51) 4-Methyl-2-Pentanone	10.000	43	93808	27.294	ug/l	97
52) Toluene	10.170	92	62004	5.180	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	31813	5.080	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	38450	5.203	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	18629	5.392	ug/l	94
56) Ethyl methacrylate	10.438	69	25028	5.048	ug/l	97
57) 1,3-Dichloropropane	10.719	76	32075	5.286	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	59794	25.908	ug/l	100
59) 2-Hexanone	10.762	43	64389	26.230	ug/l	99
60) Dibromochloromethane	10.908	129	23206	5.233	ug/l	98
61) 1,2-Dibromoethane	11.012	107	16281	5.215	ug/l	94
64) Tetrachloroethene	10.646	164	21107	5.326	ug/l	95
65) Chlorobenzene	11.438	112	68313	5.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	22770	5.281	ug/l	97
67) Ethyl Benzene	11.518	91	121323	5.241	ug/l	95
68) m/p-Xylenes	11.627	106	89333	10.448	ug/l	100
69) o-Xylene	11.950	106	41807	5.089	ug/l	97
70) Styrene	11.969	104	71087	5.129	ug/l	98
71) Bromoform	12.127	173	11616	5.032	ug/l #	96
73) Isopropylbenzene	12.255	105	113742	5.254	ug/l	99
74) N-amyl acetate	12.066	43	28262	4.929	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	20484	5.326	ug/l	92
76) 1,2,3-Trichloropropane	12.554	75	27738	10.378	ug/l #	100
77) Bromobenzene	12.530	156	24308	5.292	ug/l	99
78) n-propylbenzene	12.591	91	136112	5.204	ug/l	100
79) 2-Chlorotoluene	12.676	91	80713	5.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	92022	5.264	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	6271	5.021	ug/l	97
82) 4-Chlorotoluene	12.773	91	81942	5.344	ug/l	100
83) tert-Butylbenzene	12.993	119	83271	5.317	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	90896	5.244	ug/l	99
85) sec-Butylbenzene	13.170	105	123488	5.278	ug/l	99
86) p-Isopropyltoluene	13.292	119	100964	5.314	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	50645	5.459	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	49614	5.444	ug/l	93
89) n-Butylbenzene	13.615	91	92858	5.005	ug/l	97
90) Hexachloroethane	13.883	117	18792	5.079	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	44165	5.418	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3426	5.581	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	22142	4.845	ug/l	97
94) Hexachlorobutadiene	15.023	225	12910	5.081	ug/l	98
95) Naphthalene	15.145	128	38238	4.436	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	18432	4.771	ug/l	98

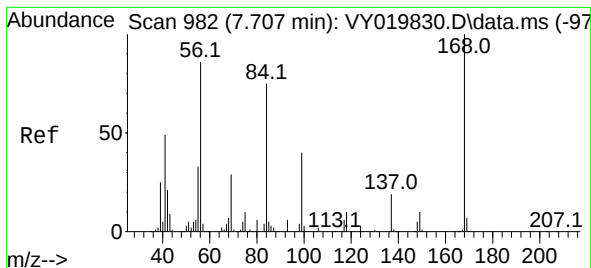
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
Data File : VY019827.D
Acq On : 09 Oct 2024 10:18
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 10 05:15:24 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

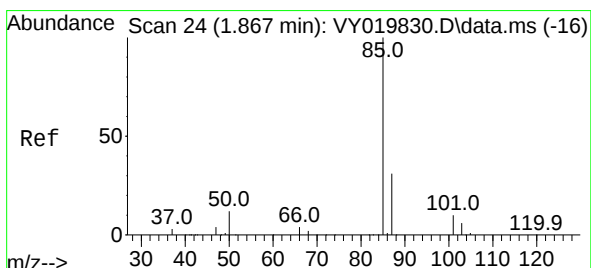
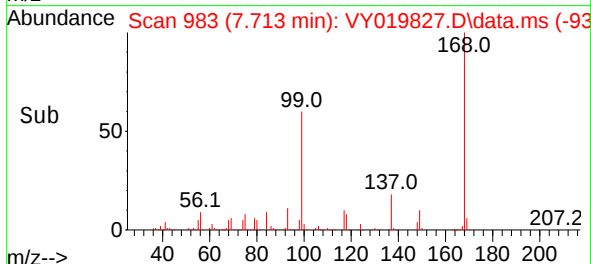
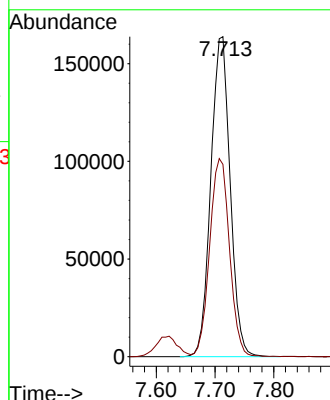
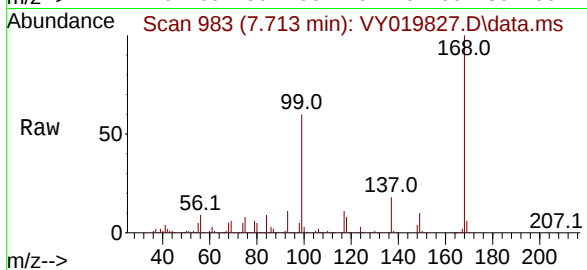
ClientSampleId :

Tgt Ion:168 Resp: 374343

Ion Ratio Lower Upper

168 100

99 60.0 52.6 78.8



#2

Dichlorodifluoromethane

Concen: 5.368 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY019827.D

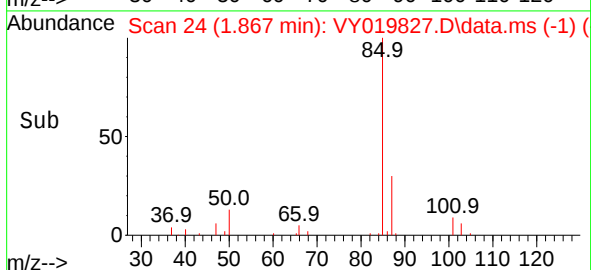
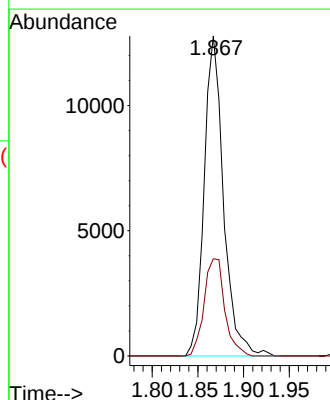
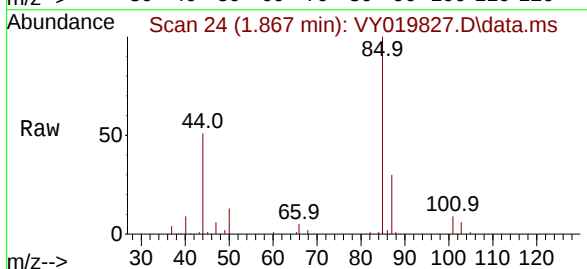
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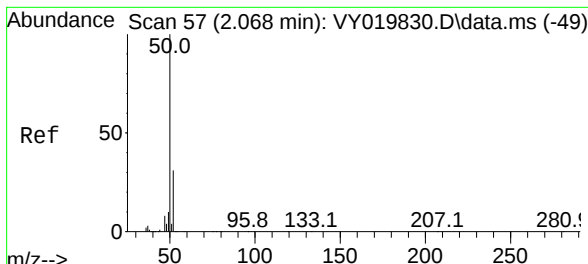
Tgt Ion: 85 Resp: 18708

Ion Ratio Lower Upper

85 100

87 30.3 15.7 47.1

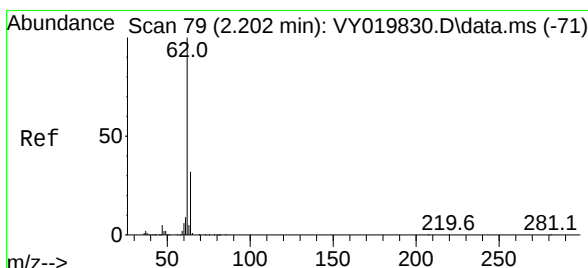
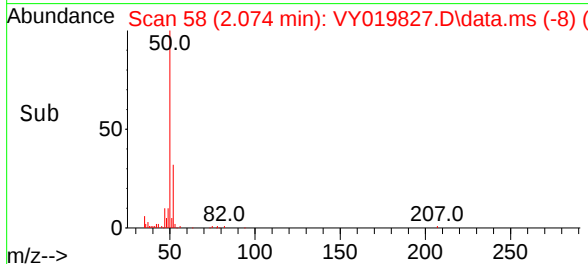
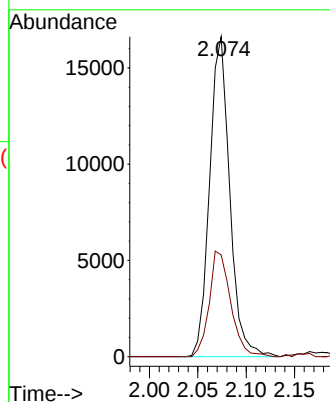
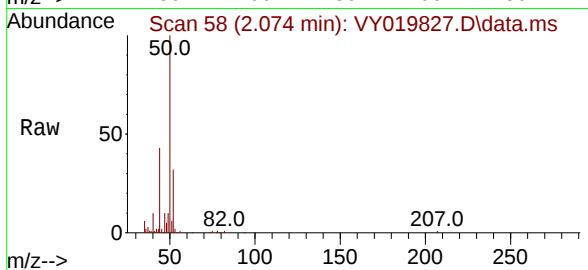




#3
Chloromethane
Concen: 5.311 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

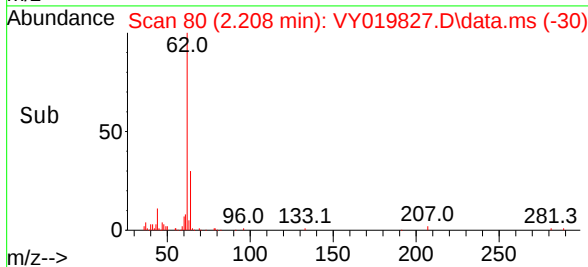
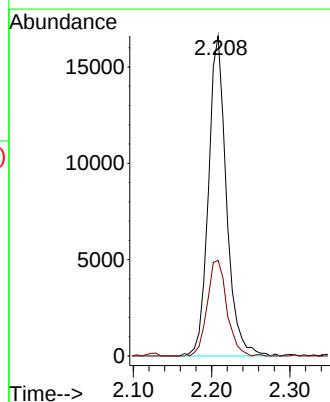
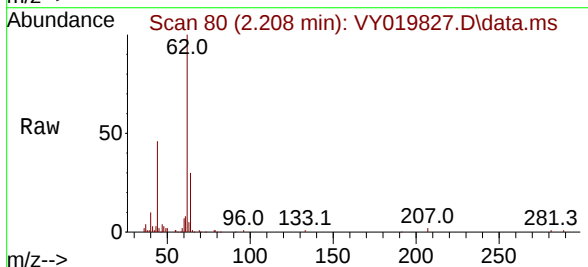
Instrument :
MSVOA_Y
ClientSampleId :

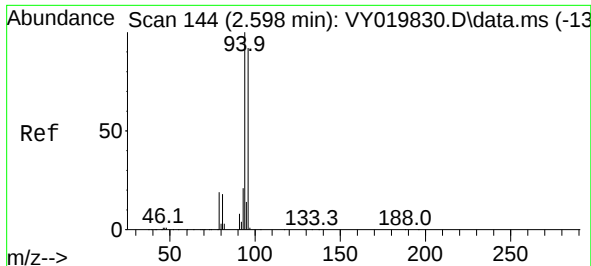
Tgt Ion: 50 Resp: 24088
Ion Ratio Lower Upper
50 100
52 31.8 25.1 37.7



#4
Vinyl Chloride
Concen: 5.302 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 62 Resp: 26464
Ion Ratio Lower Upper
62 100
64 29.9 25.6 38.4

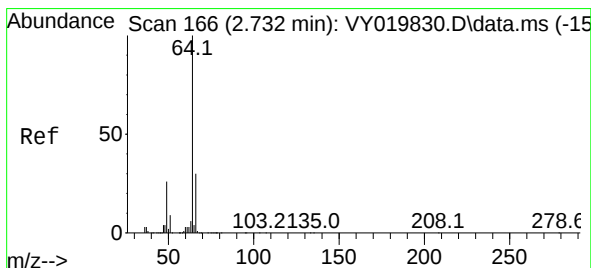
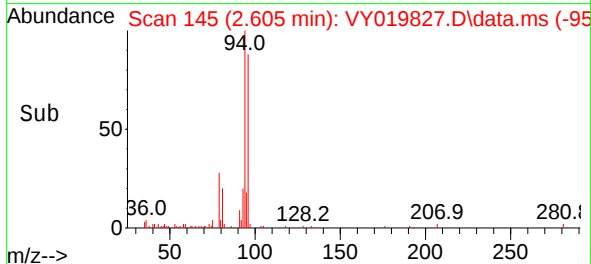
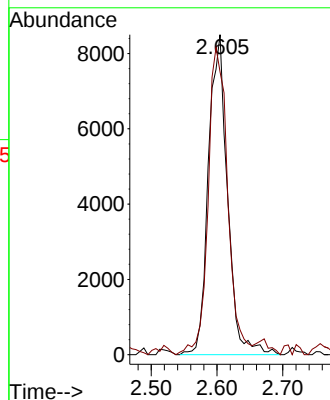
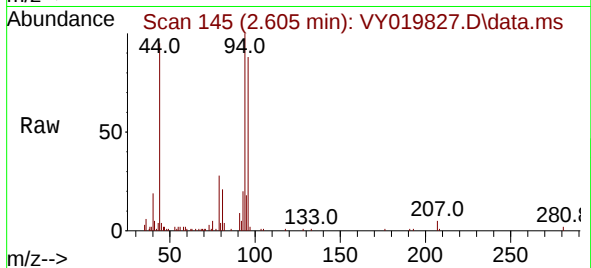




#5
Bromomethane
Concen: 5.422 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

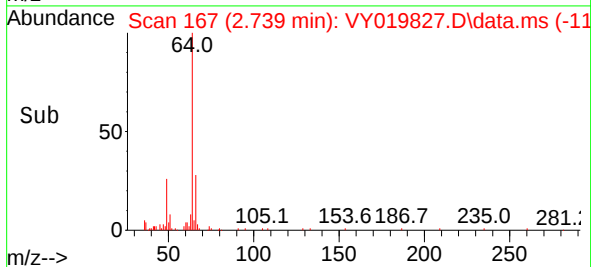
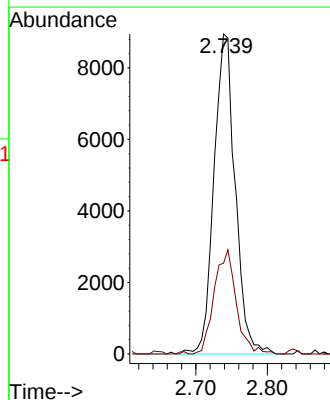
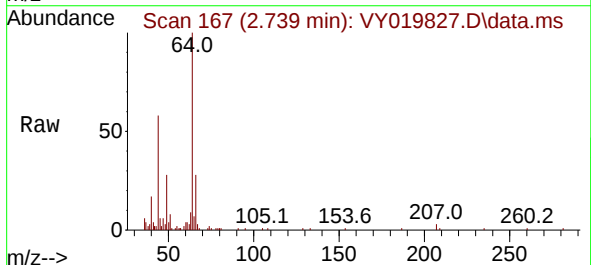
Instrument :
MSVOA_Y
ClientSampleId :

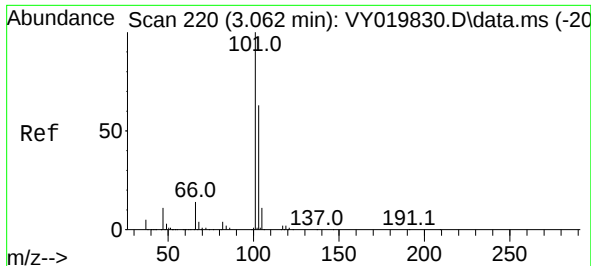
Tgt Ion: 94 Resp: 17128
Ion Ratio Lower Upper
94 100
96 88.4 73.6 110.4



#6
Chloroethane
Concen: 5.499 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 64 Resp: 18439
Ion Ratio Lower Upper
64 100
66 28.3 24.2 36.2

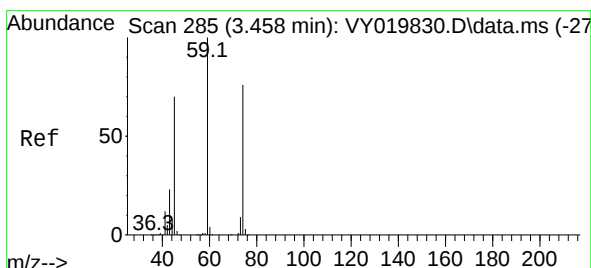
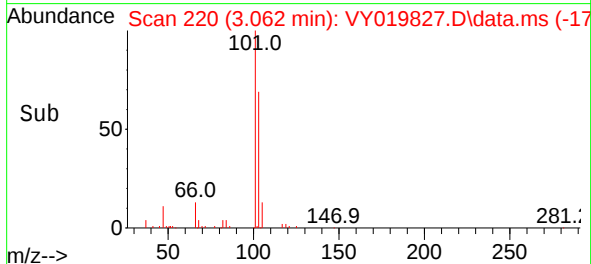
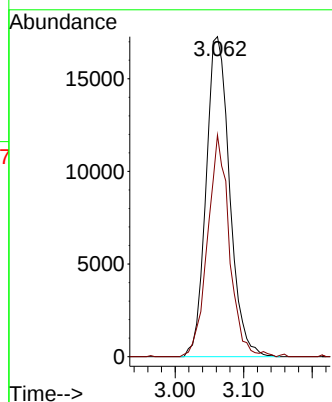
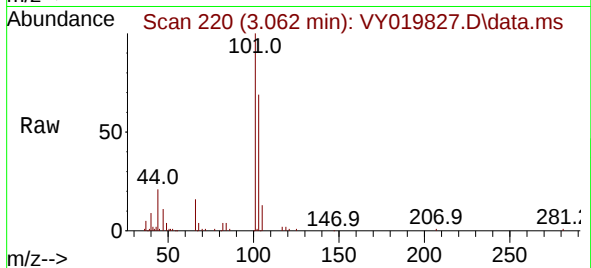




#7
 Trichlorofluoromethane
 Concen: 5.551 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019827.D
 Acq: 09 Oct 2024 10:18

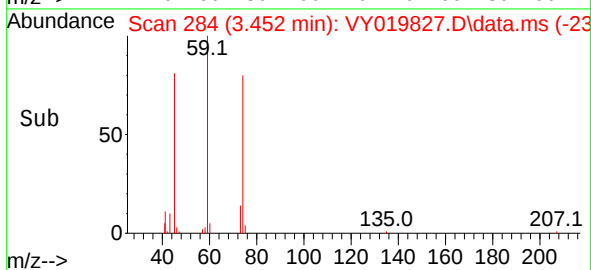
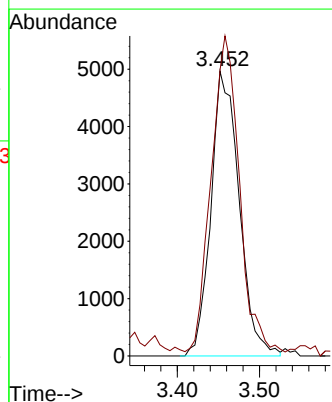
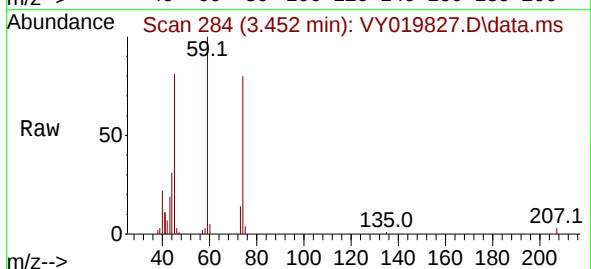
Instrument :
 MSVOA_Y
 ClientSampleId :

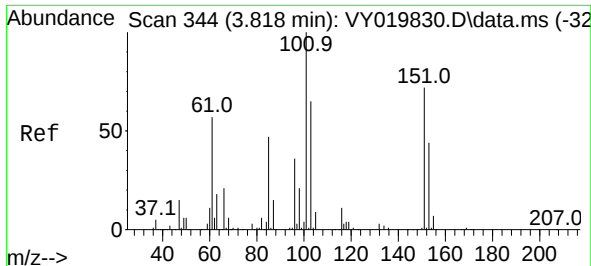
Tgt Ion:101 Resp: 41227
 Ion Ratio Lower Upper
 101 100
 103 69.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 5.252 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019827.D
 Acq: 09 Oct 2024 10:18

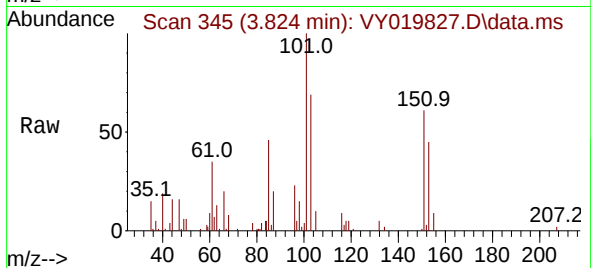
Tgt Ion: 74 Resp: 11854
 Ion Ratio Lower Upper
 74 100
 45 114.5 49.9 149.6



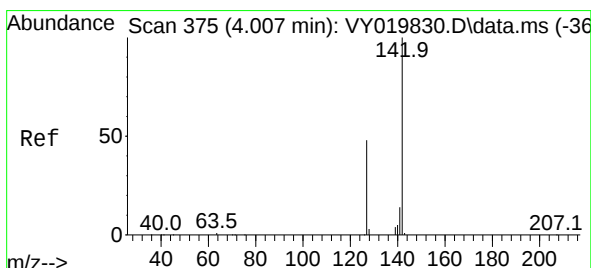
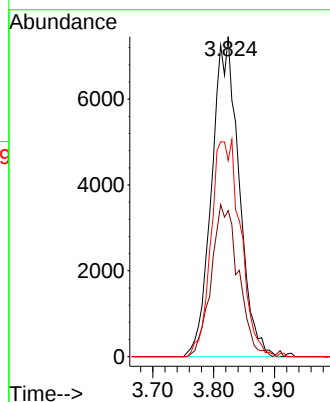
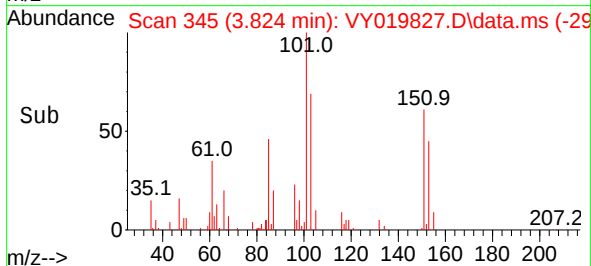


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.367 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

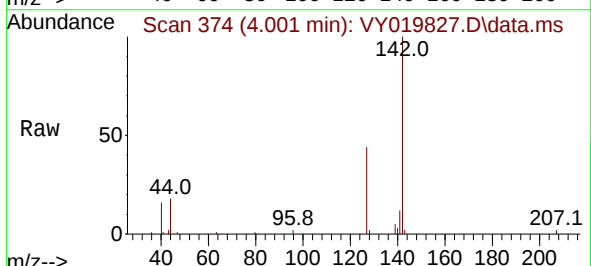
Instrument :
MSVOA_Y
ClientSampleId :



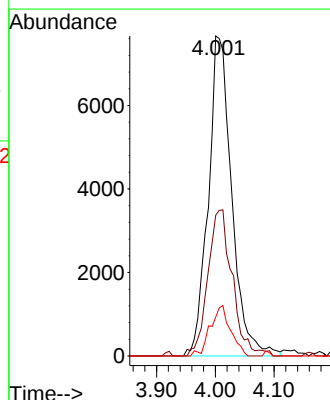
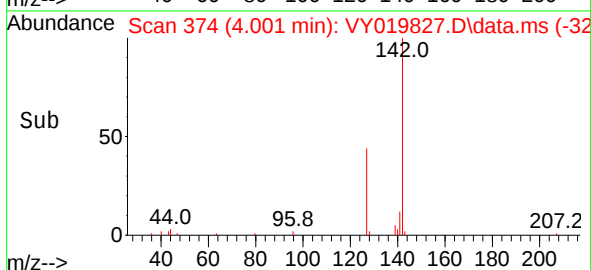
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Ion Ratio Lower Upper
101 100
85 47.4 37.9 56.9
151 73.1 57.0 85.6

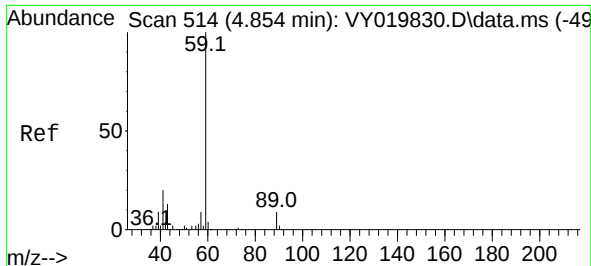


#10
Methyl Iodide
Concen: 4.878 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18



Tgt Ion:142 Resp: 21313
Ion Ratio Lower Upper
142 100
127 47.4 39.4 59.2
141 13.5 11.7 17.5

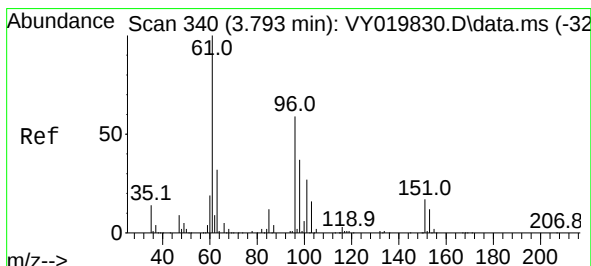
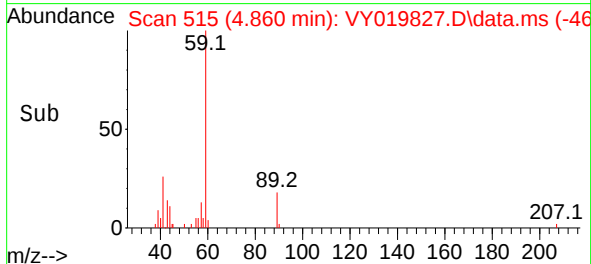
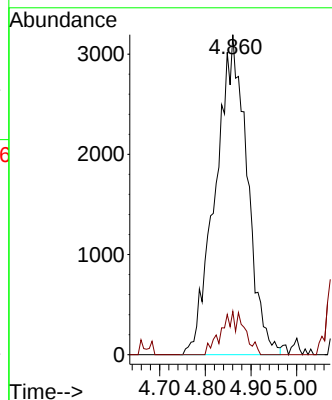
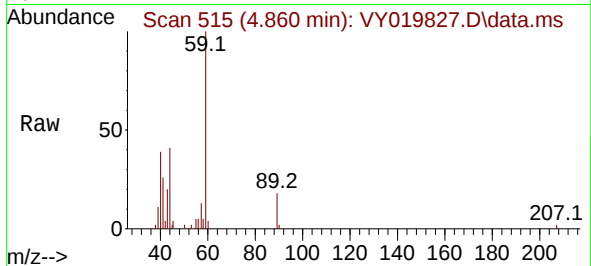




#11
Tert butyl alcohol
Concen: 25.435 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

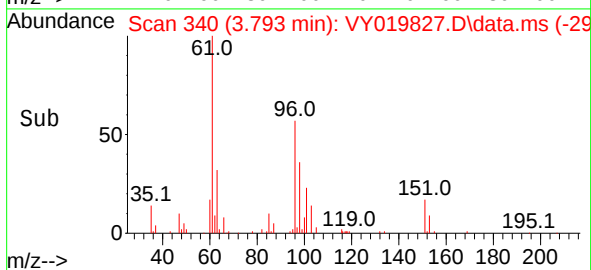
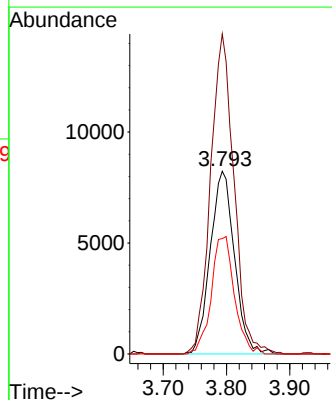
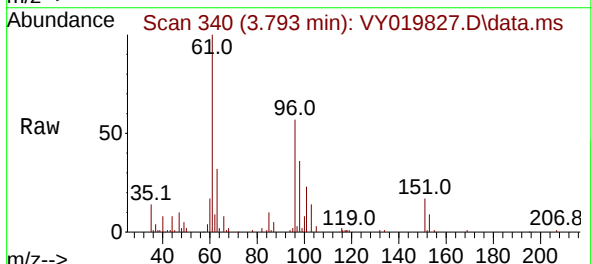
Instrument :
MSVOA_Y
ClientSampleId :

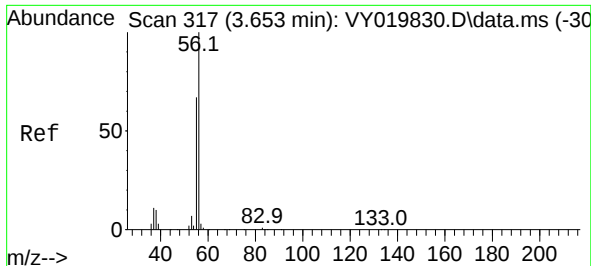
Tgt Ion: 59 Resp: 15386
Ion Ratio Lower Upper
59 100
57 4.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 5.477 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 96 Resp: 21994
Ion Ratio Lower Upper
96 100
61 175.1 134.9 202.3
98 63.2 50.2 75.4





#13

Acrolein

Concen: 33.680 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

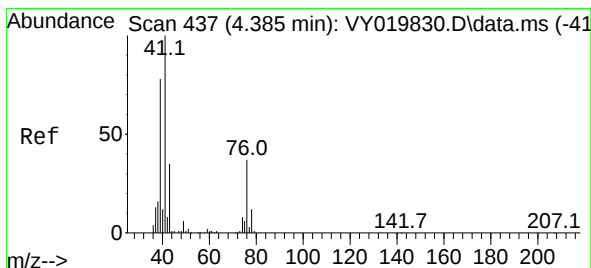
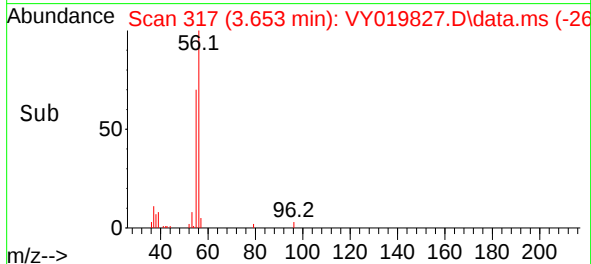
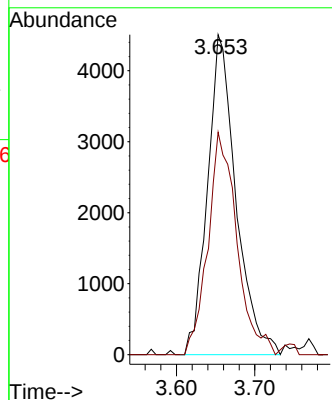
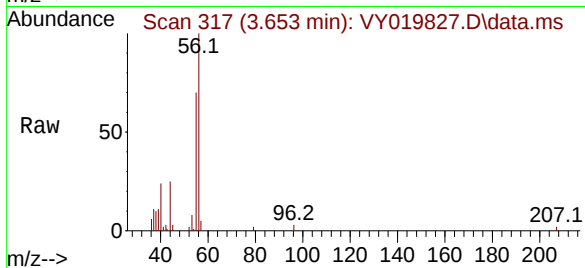
ClientSampleId :

Tgt Ion: 56 Resp: 11407

Ion Ratio Lower Upper

56 100

55 70.3 56.9 85.3



#14

Allyl chloride

Concen: 5.447 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

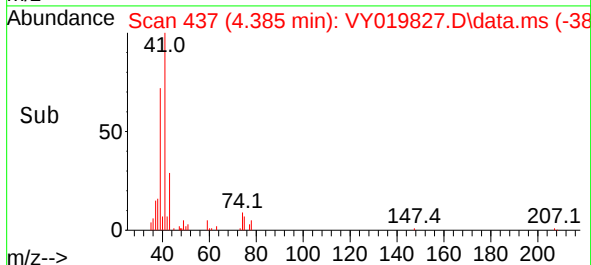
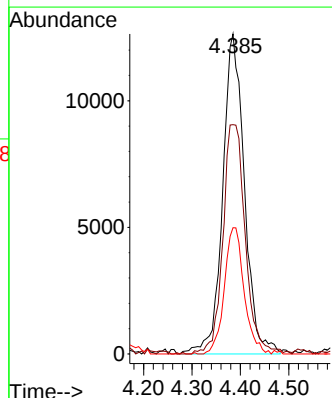
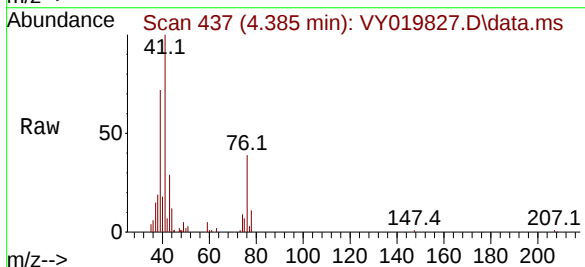
Tgt Ion: 41 Resp: 39466

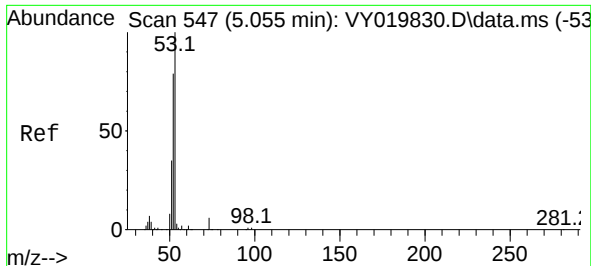
Ion Ratio Lower Upper

41 100

39 73.8 59.1 88.7

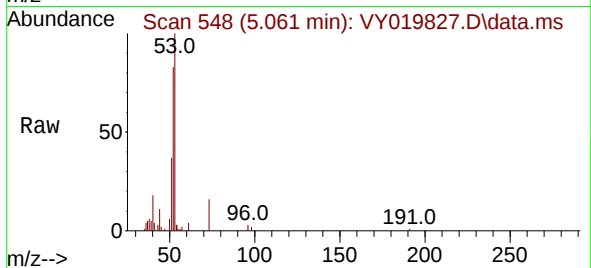
76 35.9 28.6 42.8



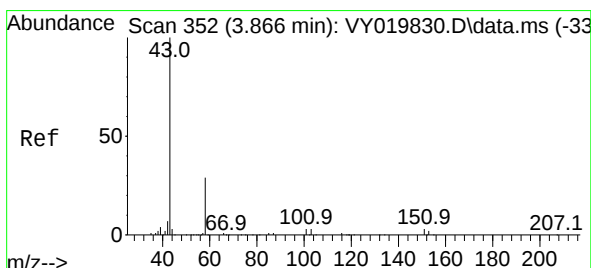
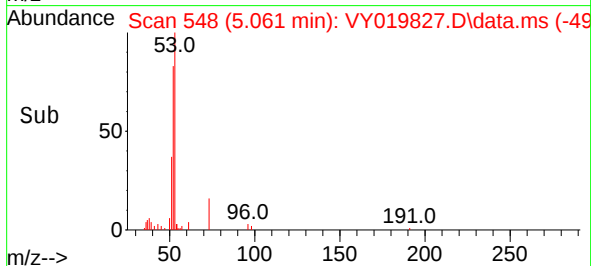
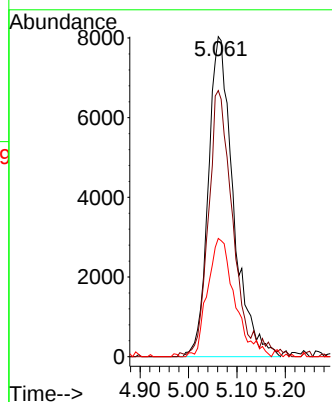


#15
Acrylonitrile
Concen: 27.944 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

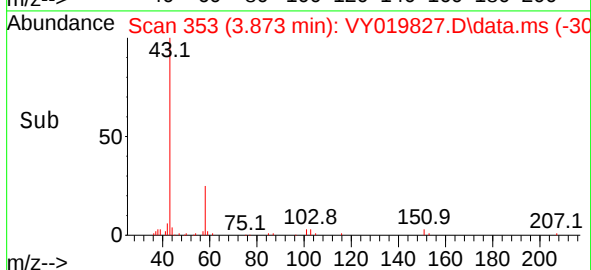
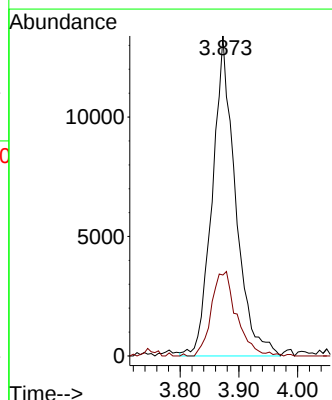
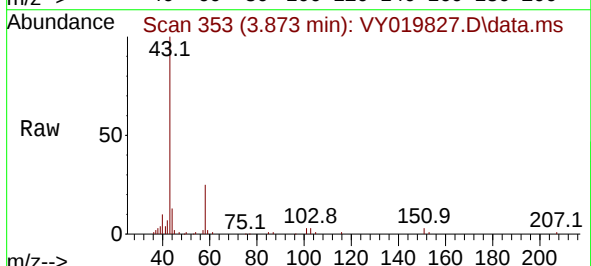


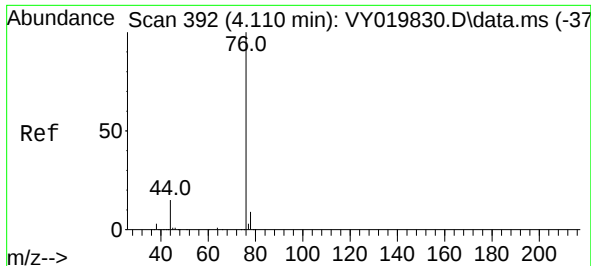
Tgt Ion: 53 Resp: 28849
Ion Ratio Lower Upper
53 100
52 79.4 65.0 97.6
51 40.1 29.9 44.9



#16
Acetone
Concen: 30.516 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 43 Resp: 36615
Ion Ratio Lower Upper
43 100
58 25.3 23.8 35.6

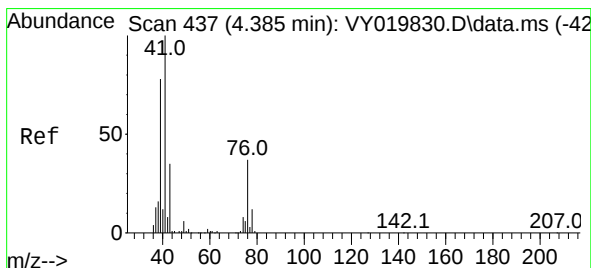
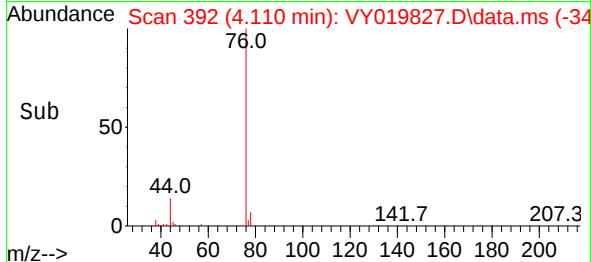
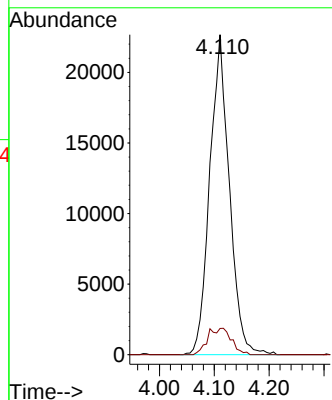
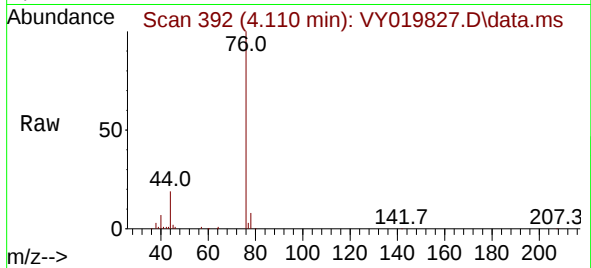




#17
Carbon Disulfide
Concen: 5.219 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

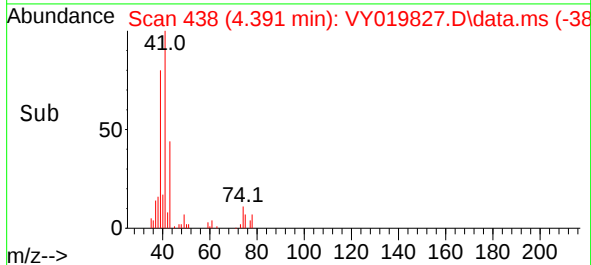
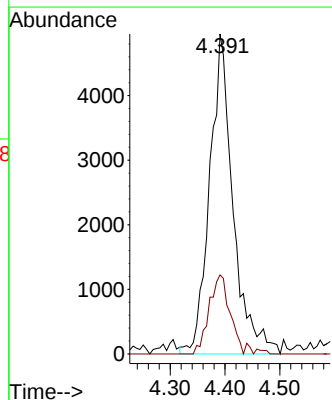
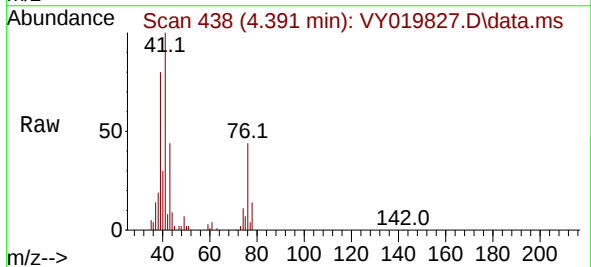
Instrument :
MSVOA_Y
ClientSampleId :

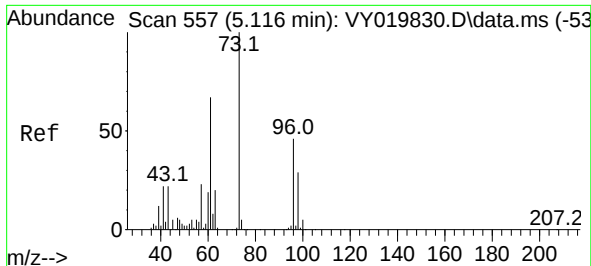
Tgt Ion: 76 Resp: 56179
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 5.693 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 43 Resp: 14714
Ion Ratio Lower Upper
43 100
74 21.7 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 5.577 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

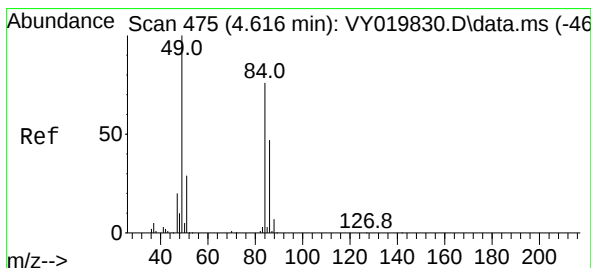
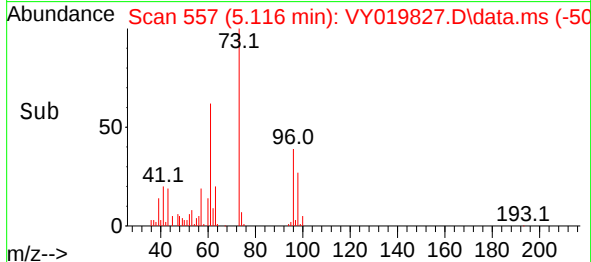
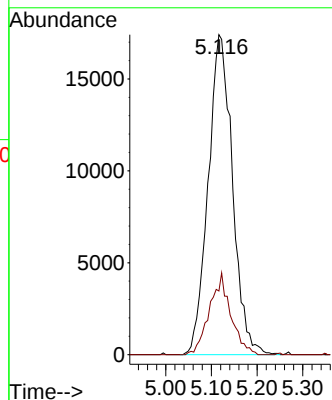
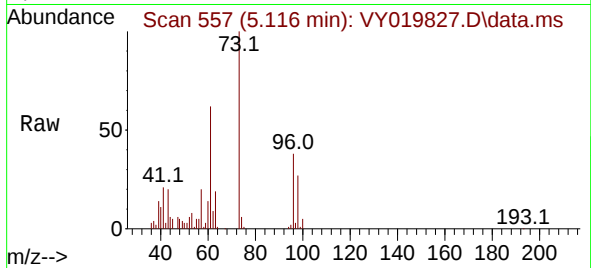
ClientSampleId :

Tgt Ion: 73 Resp: 64344

Ion Ratio Lower Upper

73 100

57 19.9 18.6 28.0



#20

Methylene Chloride

Concen: 6.721 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Tgt Ion: 84 Resp: 32544

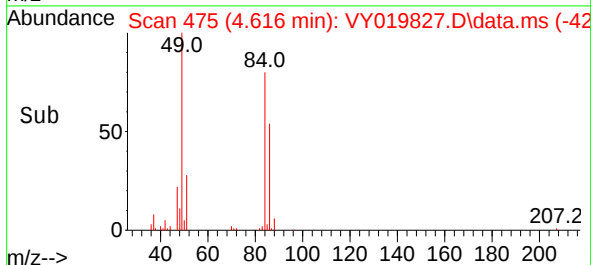
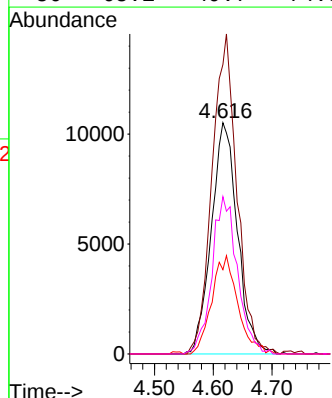
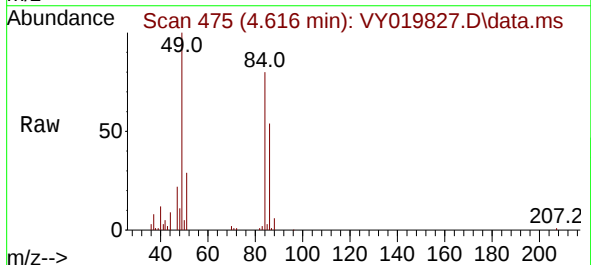
Ion Ratio Lower Upper

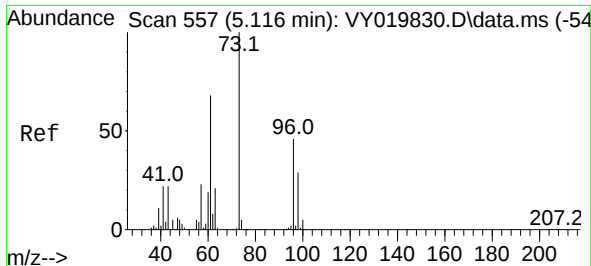
84 100

49 125.2 104.8 157.2

51 36.5 30.4 45.6

86 68.1 49.7 74.5

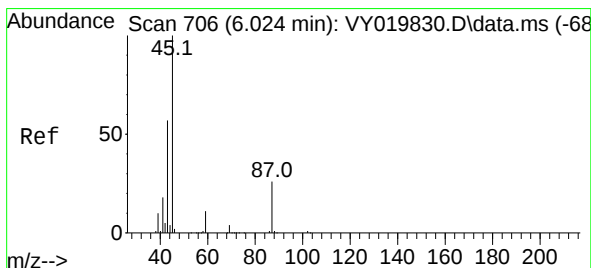
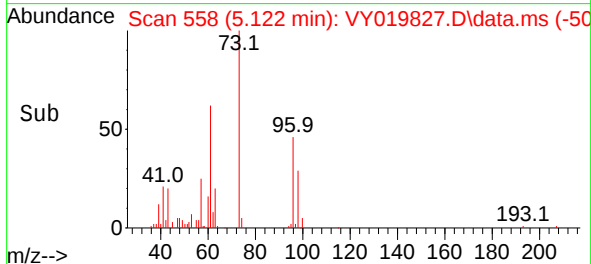
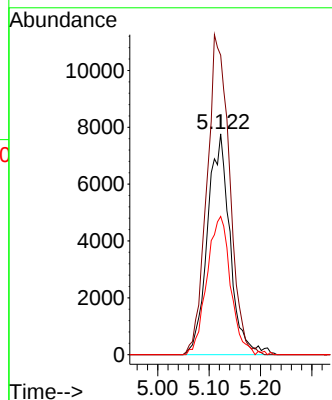
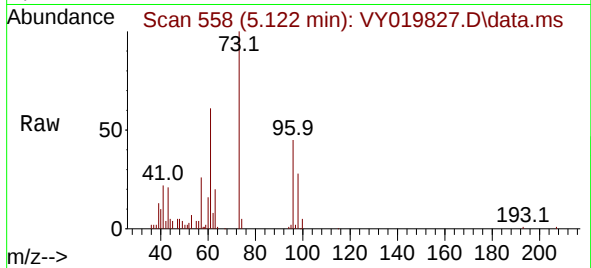




#21
trans-1,2-Dichloroethene
Concen: 5.396 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

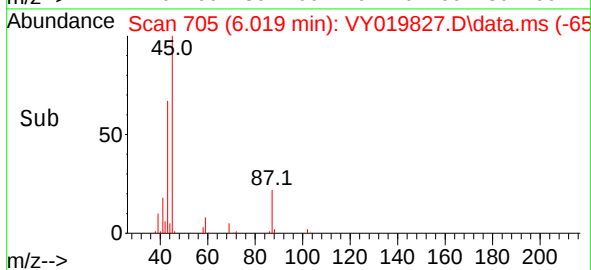
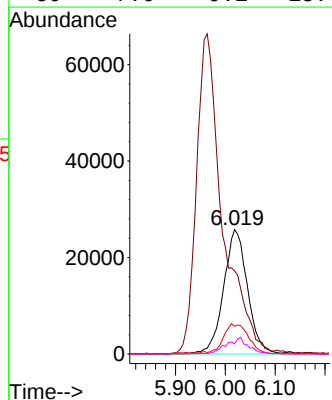
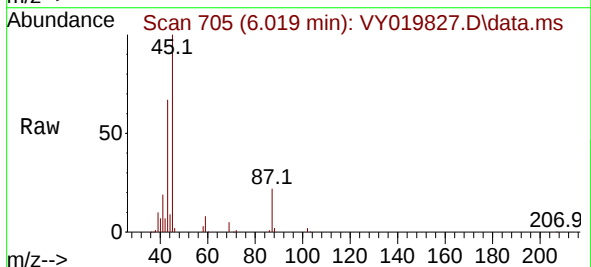
Instrument :
MSVOA_Y
ClientSampleId :

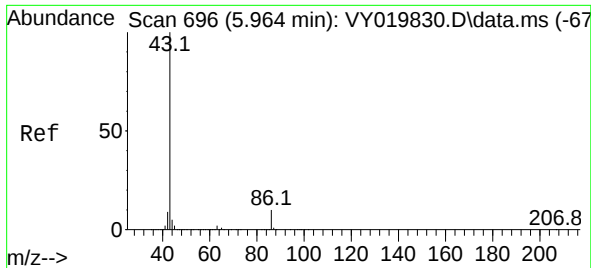
Tgt Ion: 96 Resp: 23585
Ion Ratio Lower Upper
96 100
61 135.6 117.9 176.9
98 62.6 51.0 76.4



#22
Diisopropyl ether
Concen: 5.421 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 45 Resp: 85560
Ion Ratio Lower Upper
45 100
43 64.7 45.4 68.0
87 22.3 21.1 31.7
59 7.6 9.1 13.7#

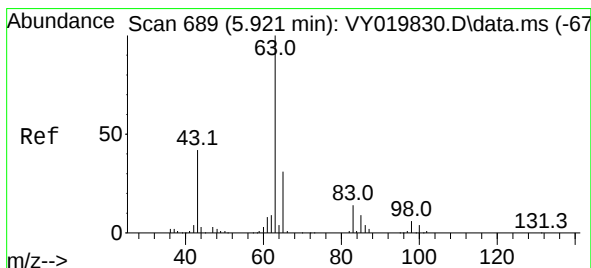
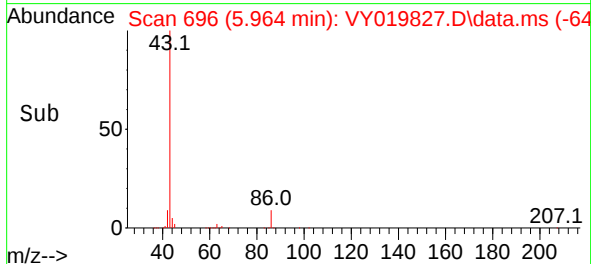
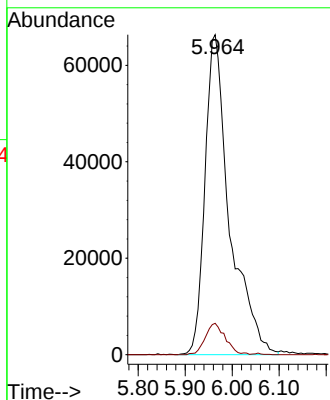
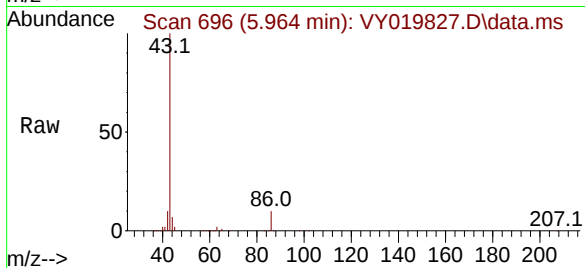




#23
 Vinyl Acetate
 Concen: 26.658 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY019827.D
 Acq: 09 Oct 2024 10:18

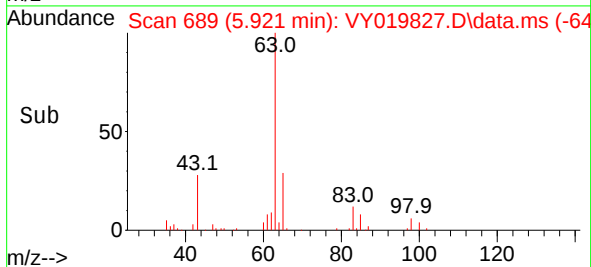
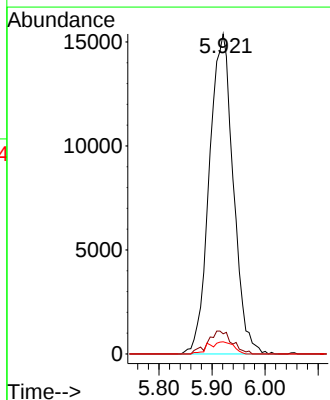
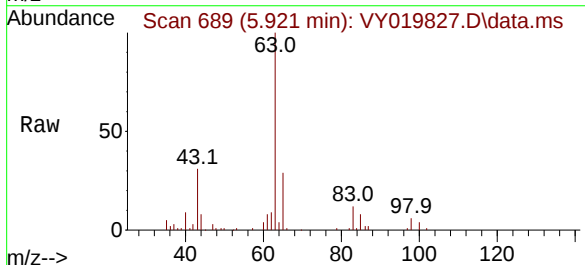
Instrument :
 MSVOA_Y
 ClientSampleId :

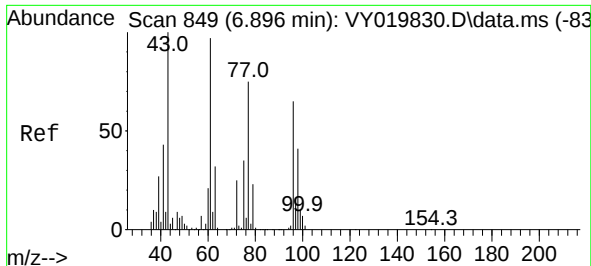
Tgt Ion: 43 Resp: 241204
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 5.495 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY019827.D
 Acq: 09 Oct 2024 10:18

Tgt Ion: 63 Resp: 48212
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 3.8 2.2 6.6





#25

2-Butanone

Concen: 29.204 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

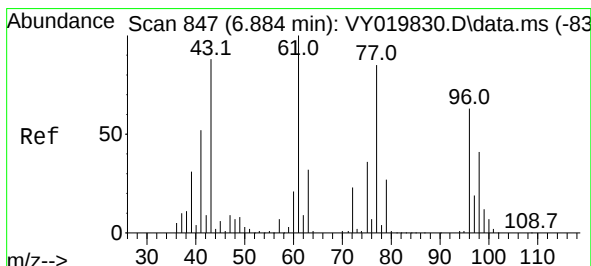
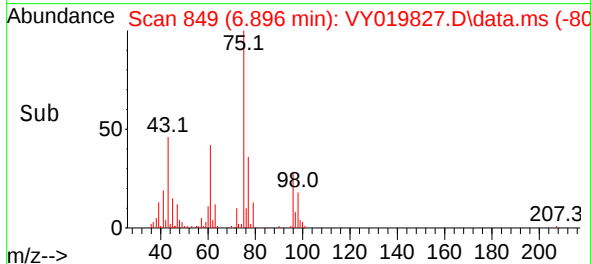
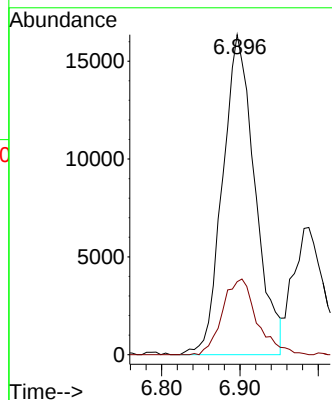
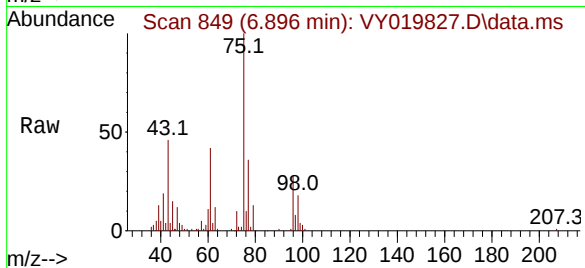
ClientSampleId :

Tgt Ion: 43 Resp: 46904

Ion Ratio Lower Upper

43 100

72 22.8 19.8 29.6



#26

2,2-Dichloropropane

Concen: 5.883 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019827.D

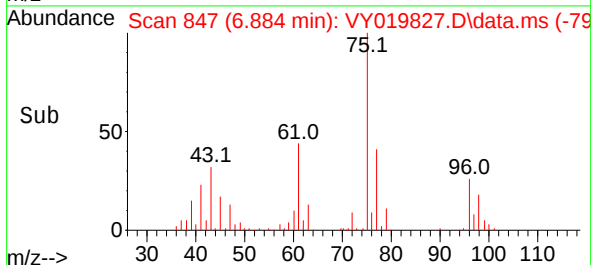
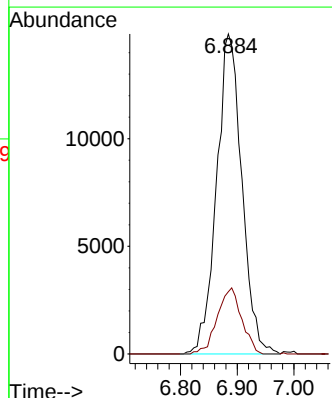
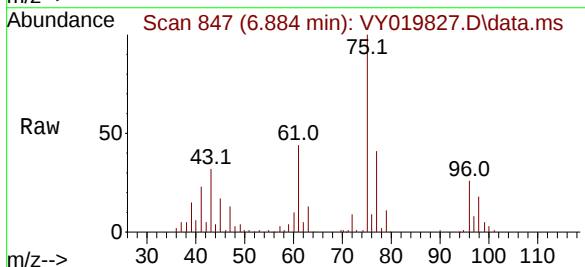
Acq: 09 Oct 2024 10:18

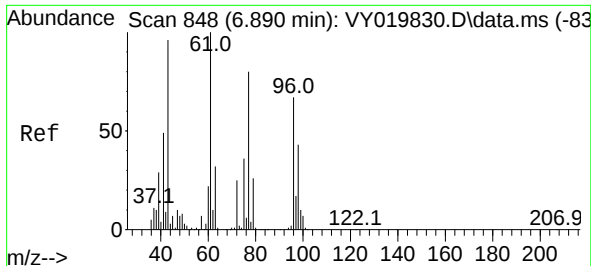
Tgt Ion: 77 Resp: 45964

Ion Ratio Lower Upper

77 100

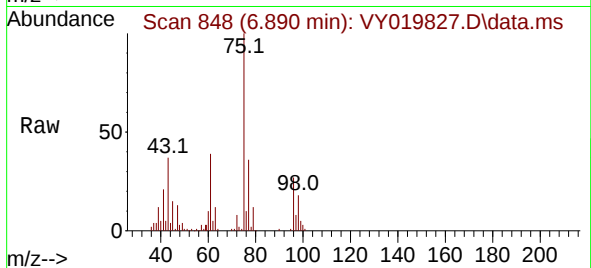
97 20.0 10.9 32.6



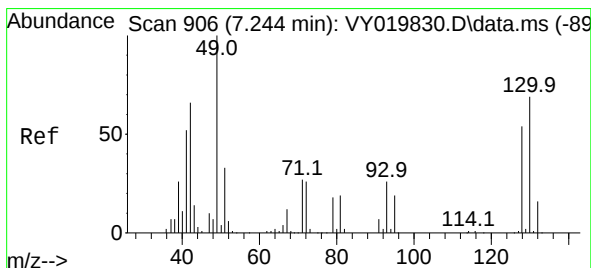
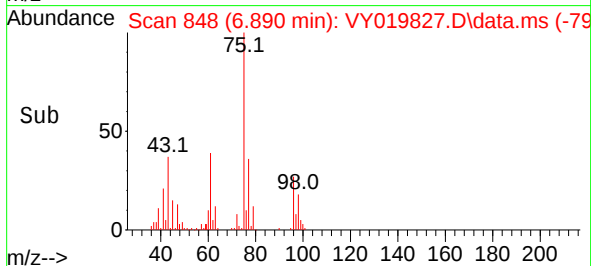
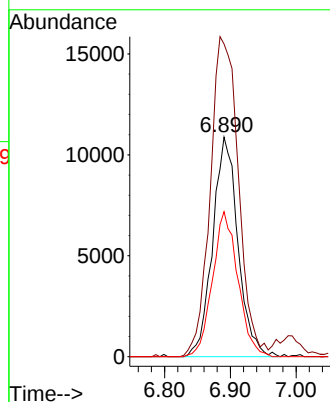


#27
 cis-1,2-Dichloroethene
 Concen: 5.386 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019827.D
 Acq: 09 Oct 2024 10:18

Instrument :
 MSVOA_Y
 ClientSampleId :

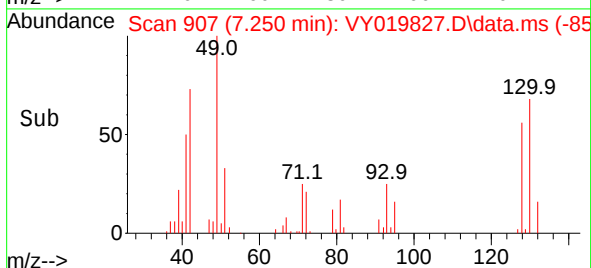
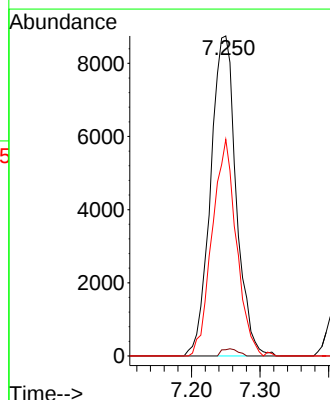
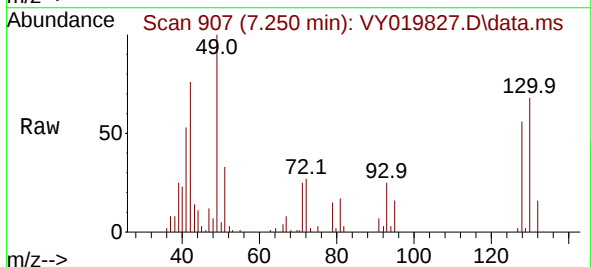


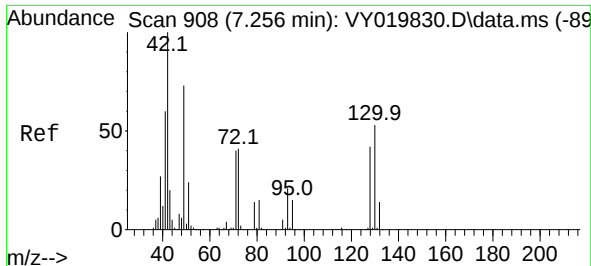
Tgt Ion: 96 Resp: 29094
 Ion Ratio Lower Upper
 96 100
 61 162.8 0.0 311.4
 98 66.3 0.0 129.2



#28
 Bromochloromethane
 Concen: 5.879 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019827.D
 Acq: 09 Oct 2024 10:18

Tgt Ion: 49 Resp: 22704
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.0
 130 64.1 55.0 82.4





#29

Tetrahydrofuran

Concen: 28.658 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

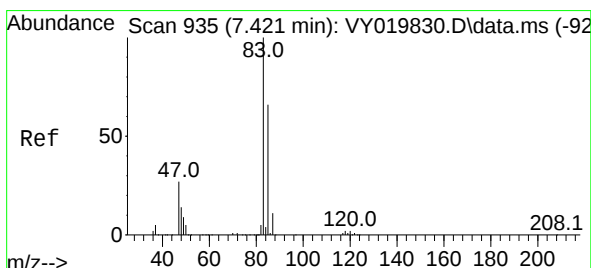
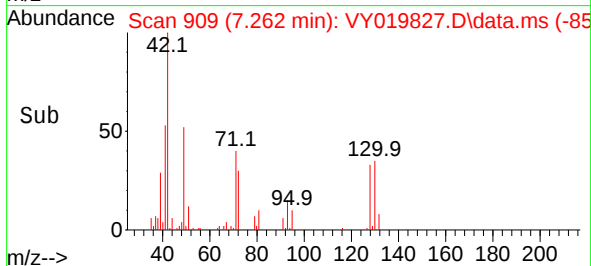
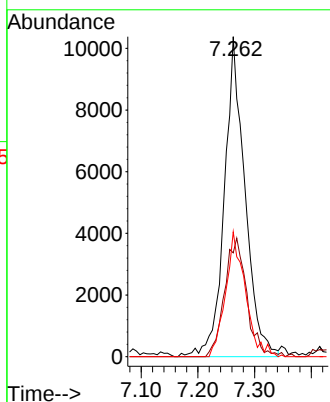
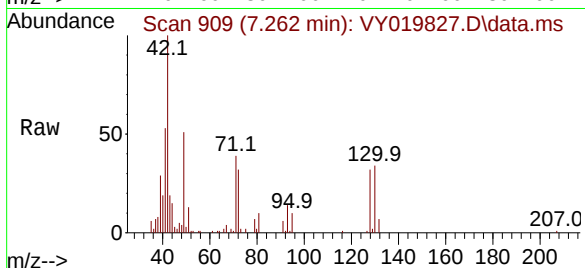
Tgt Ion: 42 Resp: 26280

Ion Ratio Lower Upper

42 100

72 40.0 33.4 50.0

71 37.3 31.6 47.4



#30

Chloroform

Concen: 5.517 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019827.D

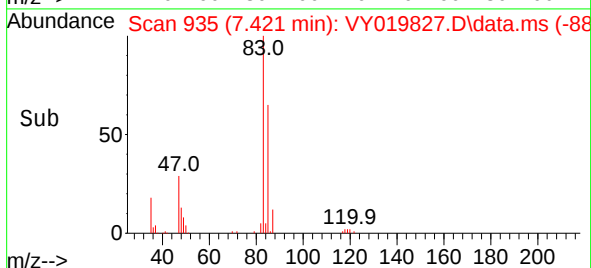
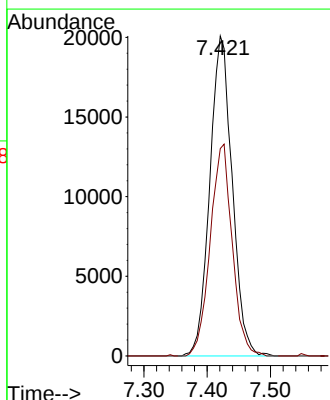
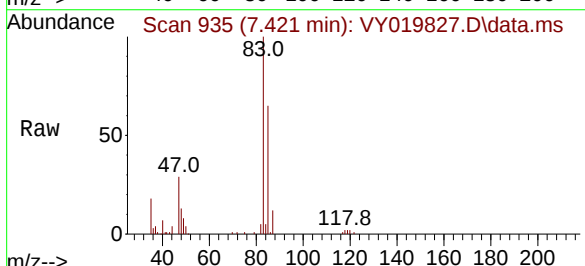
Acq: 09 Oct 2024 10:18

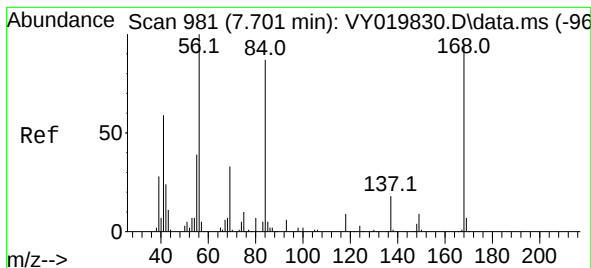
Tgt Ion: 83 Resp: 49340

Ion Ratio Lower Upper

83 100

85 64.8 52.7 79.1





#31

Cyclohexane

Concen: 6.136 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

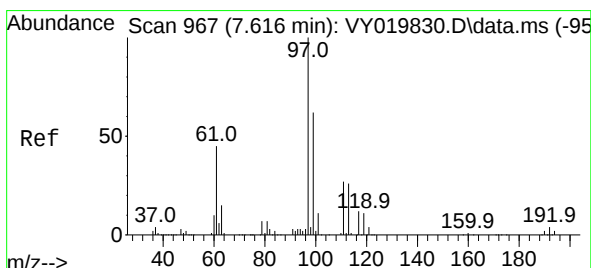
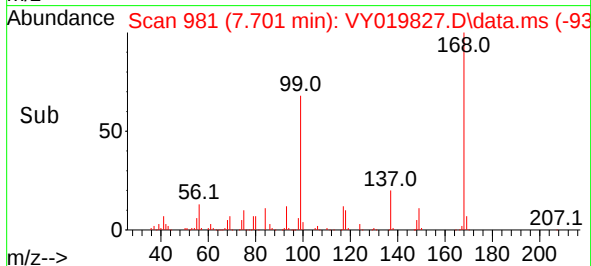
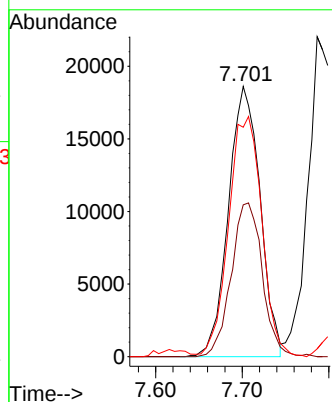
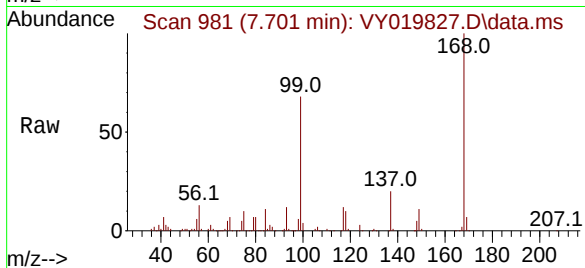
Tgt Ion: 56 Resp: 47253

Ion Ratio Lower Upper

56 100

69 56.2 26.6 39.8#

84 82.7 69.6 104.4



#32

1,1,1-Trichloroethane

Concen: 5.341 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

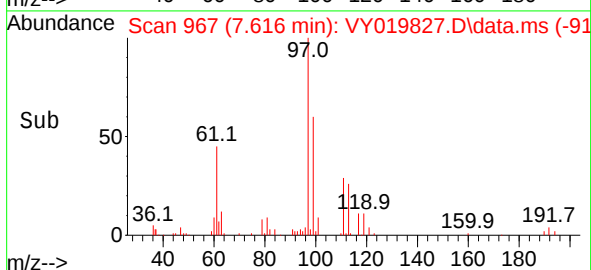
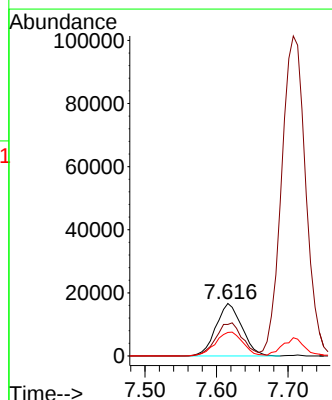
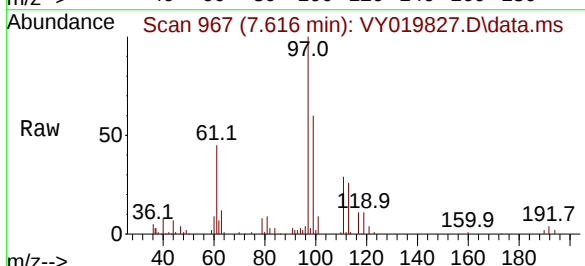
Tgt Ion: 97 Resp: 41860

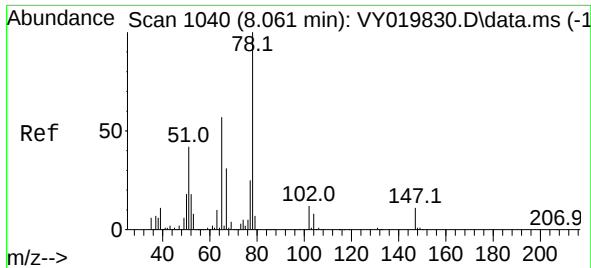
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 48.4 36.5 54.7

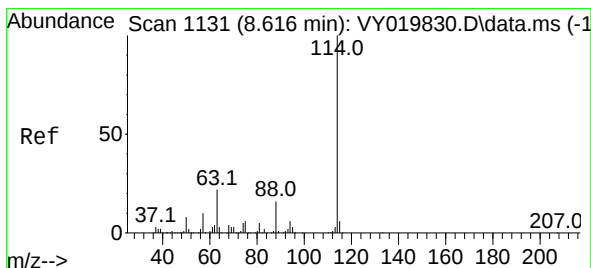
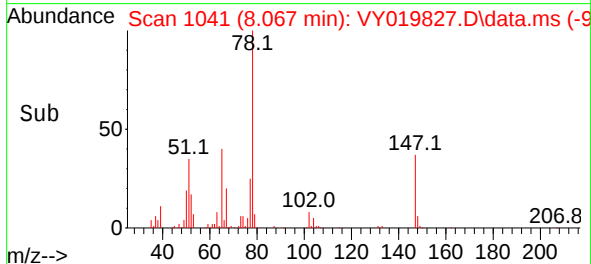
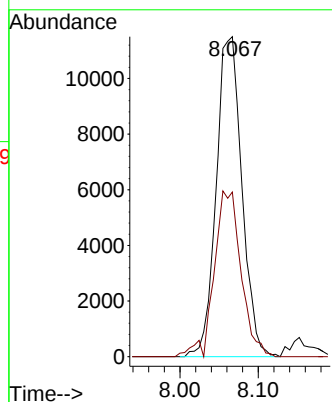
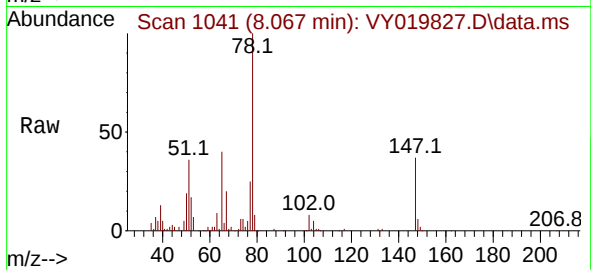




#33
1,2-Dichloroethane-d4
Concen: 5.689 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

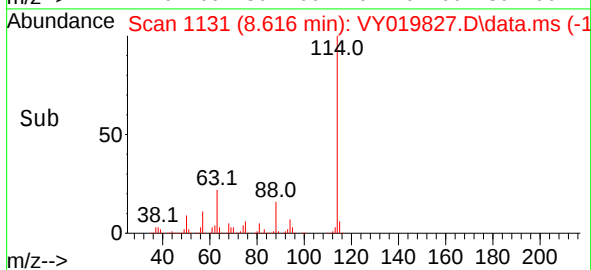
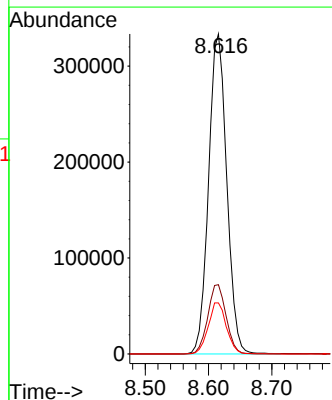
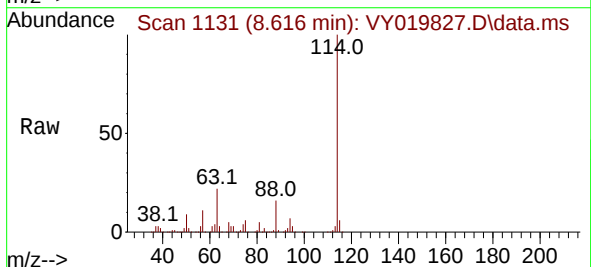
Instrument :
MSVOA_Y
ClientSampleId :

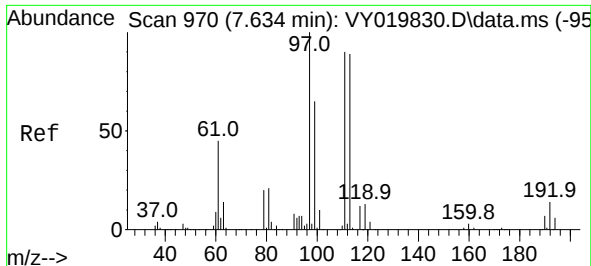
Tgt Ion: 65 Resp: 26224
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion:114 Resp: 666511
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.8
88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 5.396 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

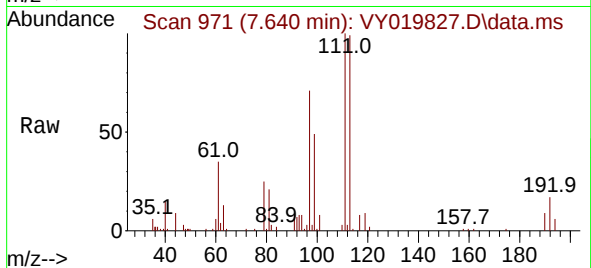
Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :



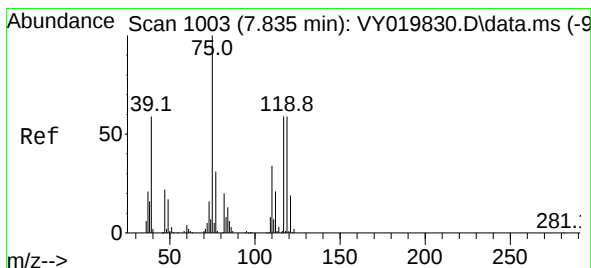
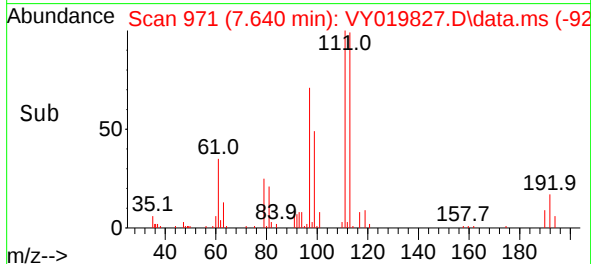
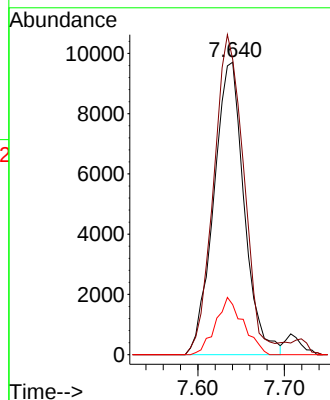
Tgt Ion:113 Resp: 23731

Ion Ratio Lower Upper

113 100

111 107.9 82.9 124.3

192 17.9 13.6 20.4



#36

1,1-Dichloropropene

Concen: 5.404 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

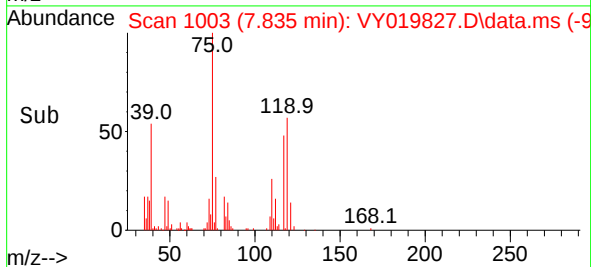
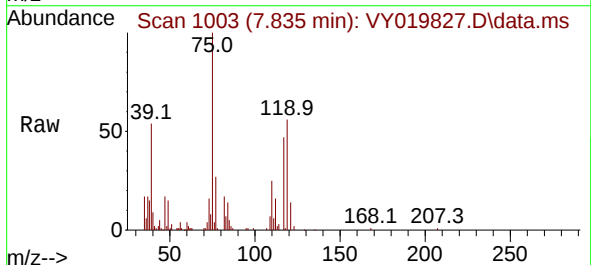
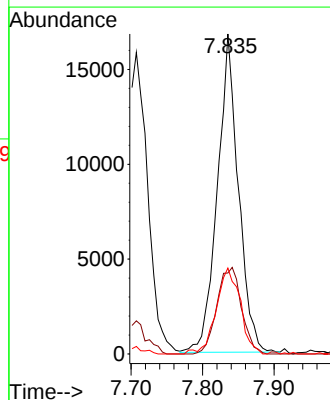
Tgt Ion: 75 Resp: 34242

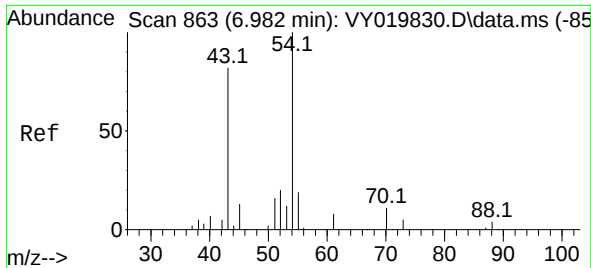
Ion Ratio Lower Upper

75 100

110 31.8 16.6 49.8

77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 5.444 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

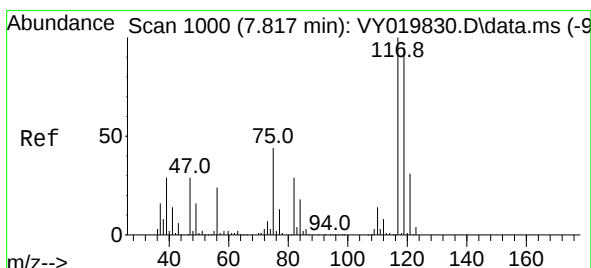
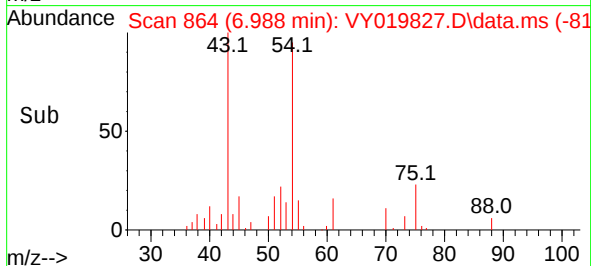
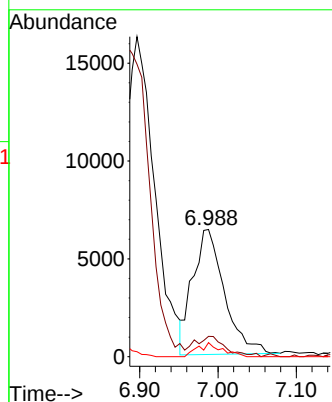
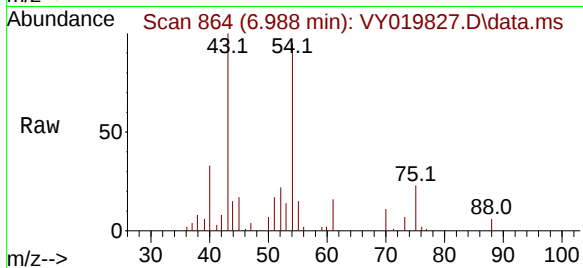
Tgt Ion: 43 Resp: 17987

Ion Ratio Lower Upper

43 100

61 15.7 10.9 16.3

70 8.5 7.6 11.4



#38

Carbon Tetrachloride

Concen: 5.153 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

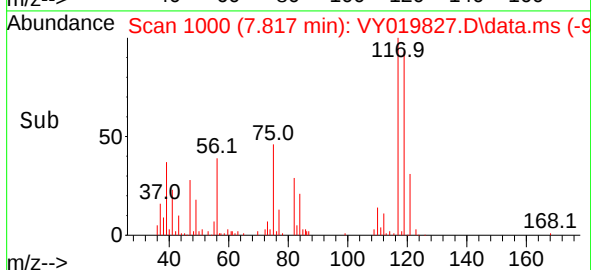
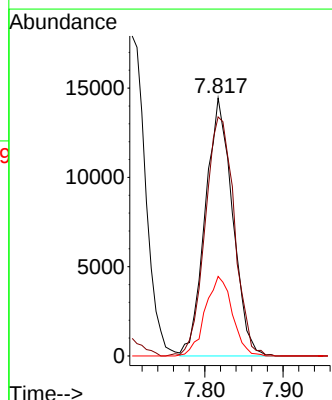
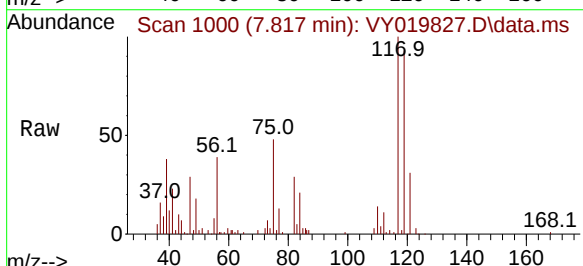
Tgt Ion: 117 Resp: 35007

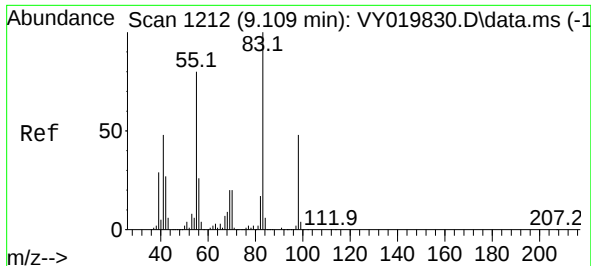
Ion Ratio Lower Upper

117 100

119 92.7 76.2 114.4

121 30.8 25.0 37.4





#39

Methylcyclohexane

Concen: 5.254 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

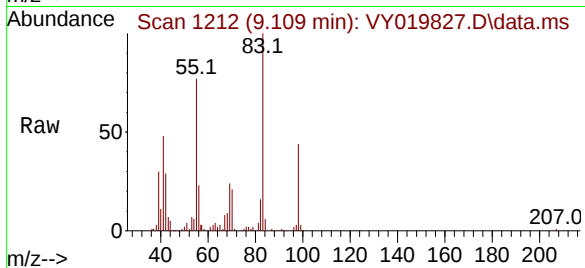
Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

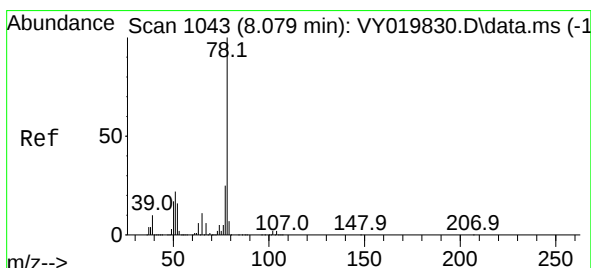
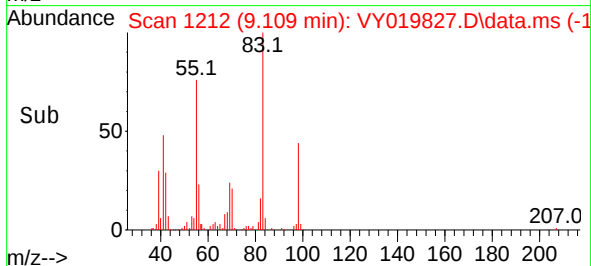
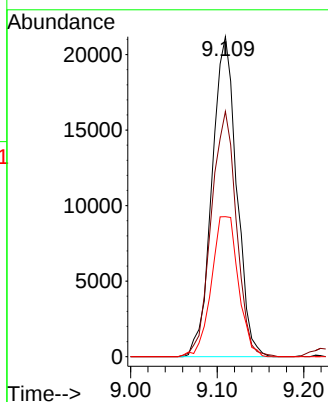
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	41950
Ion	Ratio	Lower	Upper
83	100		
55	76.6	63.7	95.5
98	43.7	38.3	57.5



#40

Benzene

Concen: 5.254 ug/l

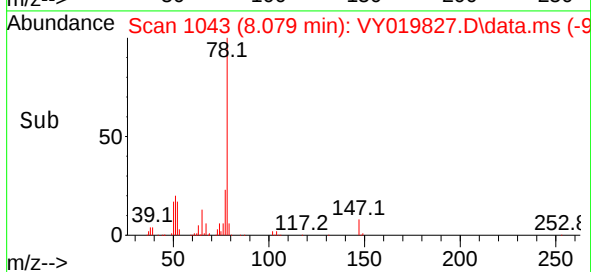
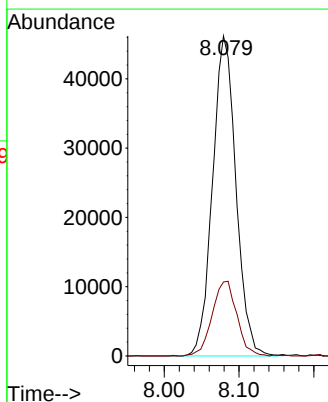
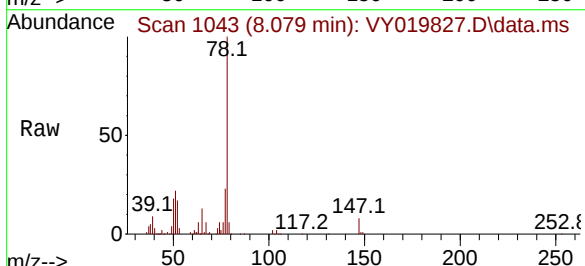
RT: 8.079 min Scan# 1043

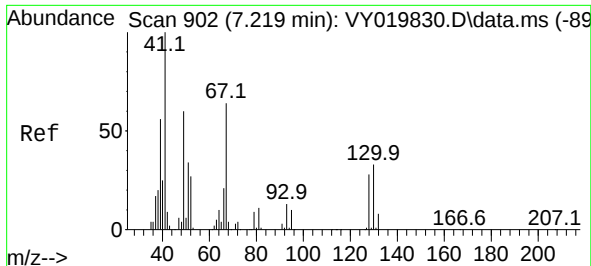
Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Tgt Ion:	78	Resp:	100750
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.6	29.4

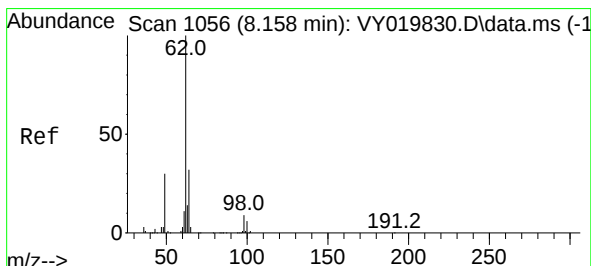
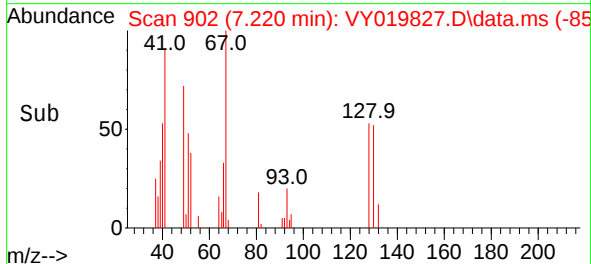
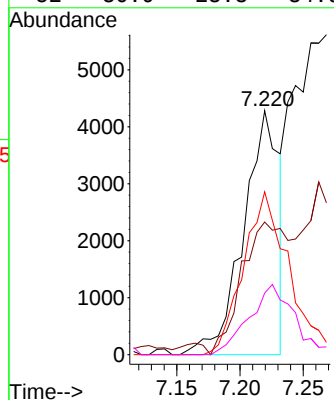
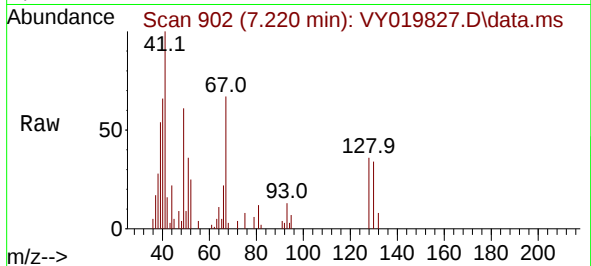




#41
Methacrylonitrile
Concen: 4.708 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

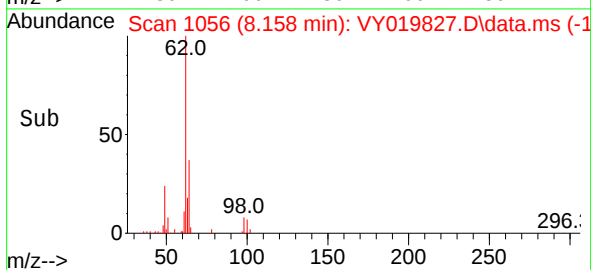
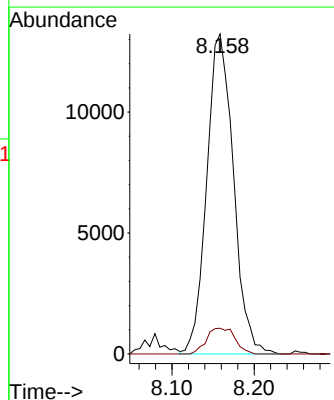
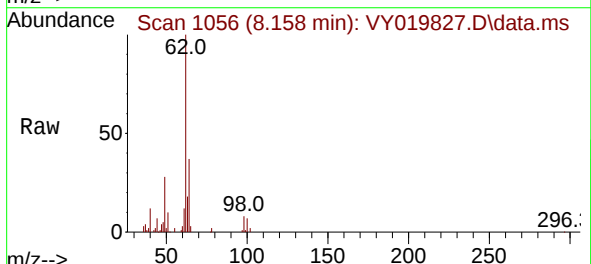
Instrument :
MSVOA_Y
ClientSampleId :

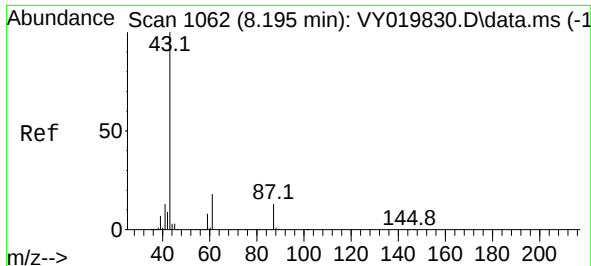
Tgt Ion: 41 Resp: 8419
Ion Ratio Lower Upper
41 100
39 67.8 43.9 65.9#
67 84.6 53.2 79.8#
52 36.9 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 5.418 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 62 Resp: 29850
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8





#43

Isopropyl Acetate

Concen: 5.412 ug/l

RT: 8.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

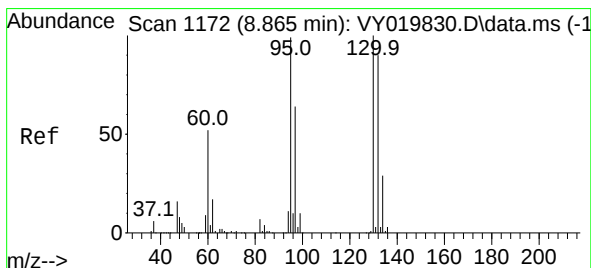
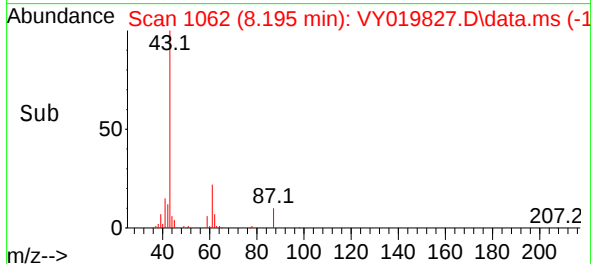
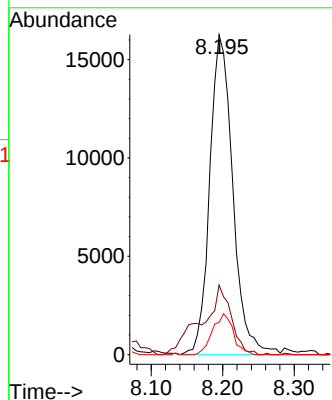
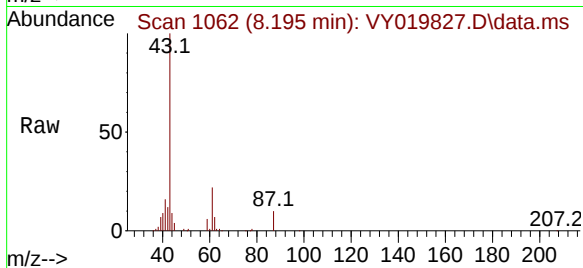
Tgt Ion: 43 Resp: 36465

Ion Ratio Lower Upper

43 100

61 27.8 15.5 23.3#

87 11.5 9.9 14.9



#44

Trichloroethene

Concen: 5.466 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019827.D

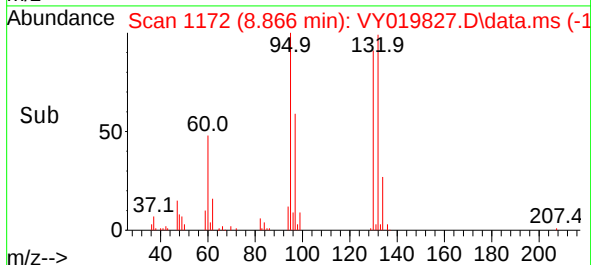
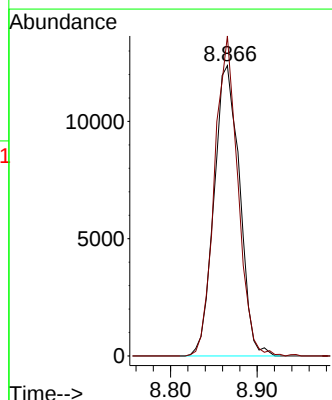
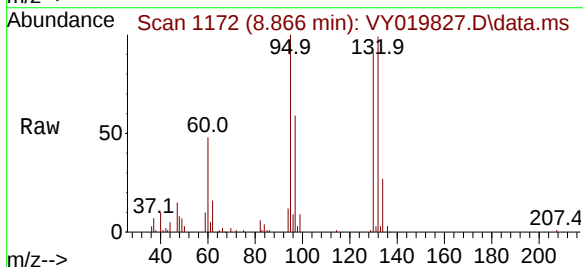
Acq: 09 Oct 2024 10:18

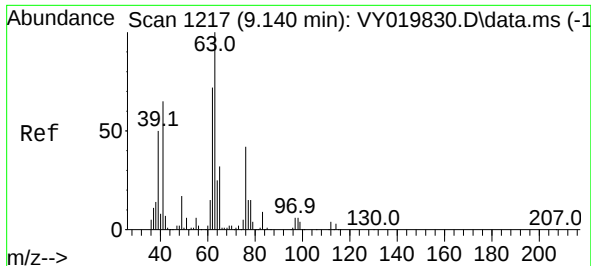
Tgt Ion:130 Resp: 25386

Ion Ratio Lower Upper

130 100

95 110.2 0.0 197.2

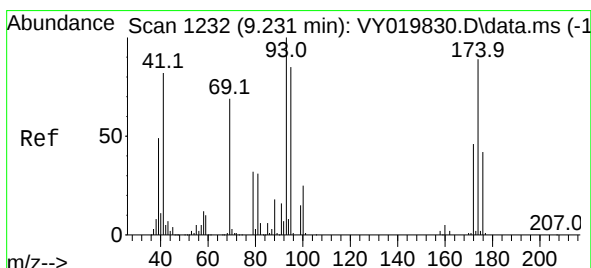
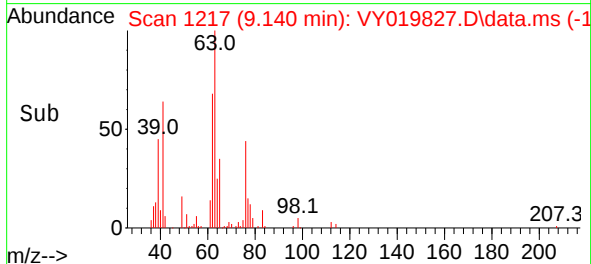
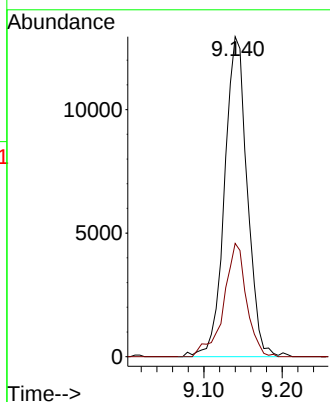
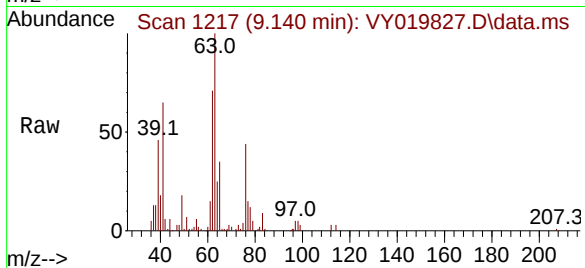




#45
1,2-Dichloropropane
Concen: 5.417 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

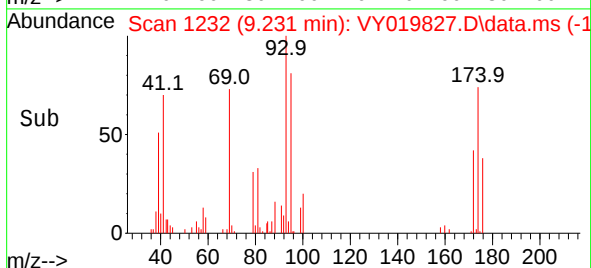
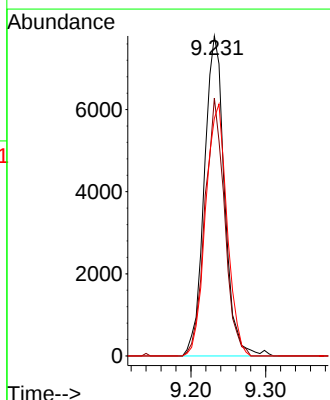
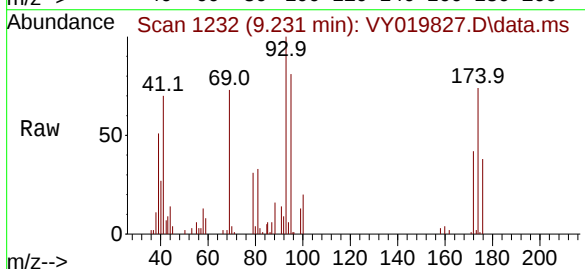
Instrument :
MSVOA_Y
ClientSampleId :

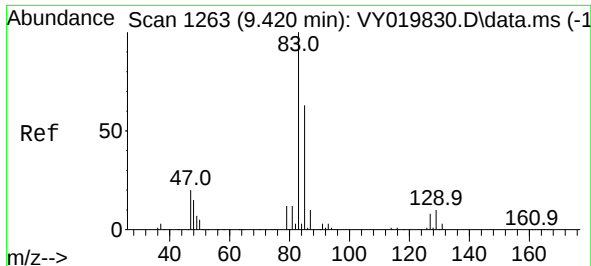
Tgt Ion: 63 Resp: 26001
Ion Ratio Lower Upper
63 100
65 35.4 25.6 38.4



#46
Dibromomethane
Concen: 5.592 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 93 Resp: 14664
Ion Ratio Lower Upper
93 100
95 78.2 65.4 98.2
174 83.0 70.4 105.6

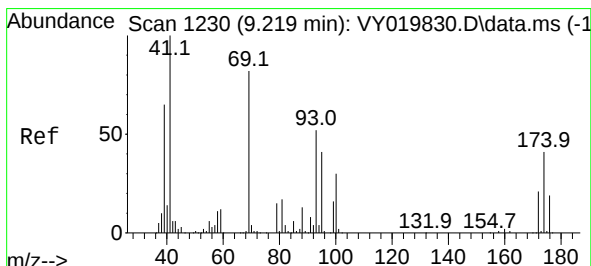
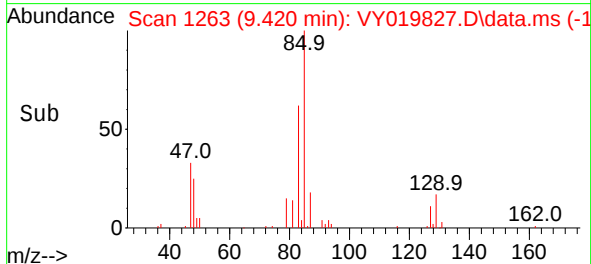
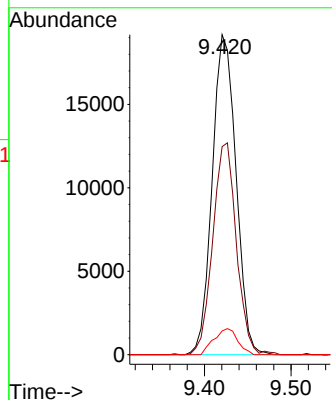
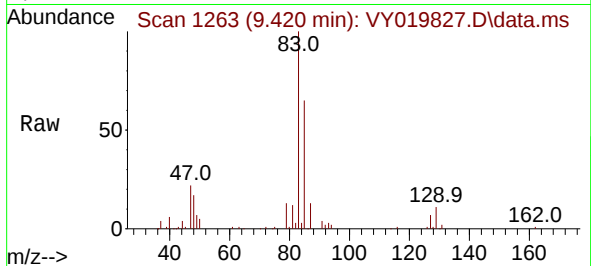




#47
Bromodichloromethane
Concen: 5.258 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

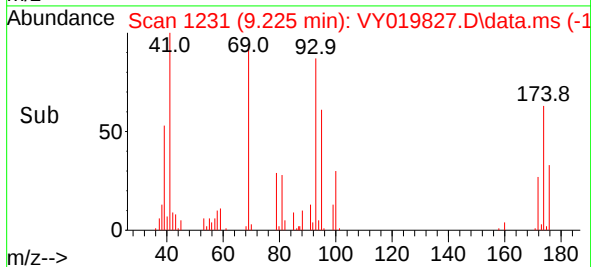
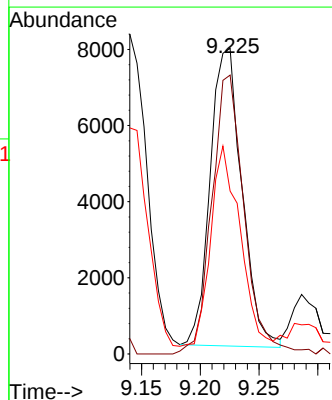
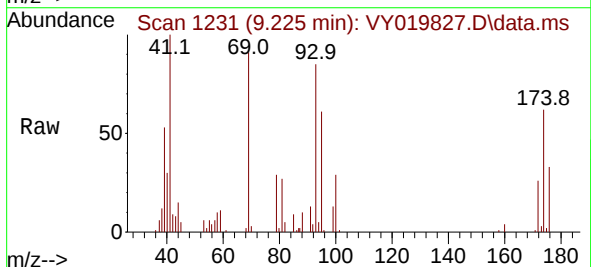
Instrument :
MSVOA_Y
ClientSampleId :

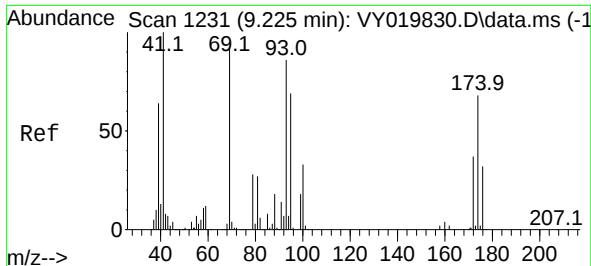
Tgt Ion: 83 Resp: 36601
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.2
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 4.963 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 41 Resp: 14711
Ion Ratio Lower Upper
41 100
69 95.6 66.3 99.5
39 62.8 50.2 75.4





#49

1,4-Dioxane

Concen: 100.270 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

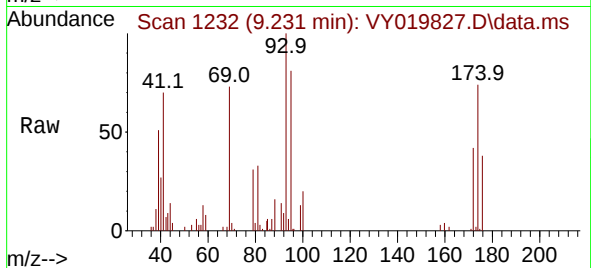
Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :



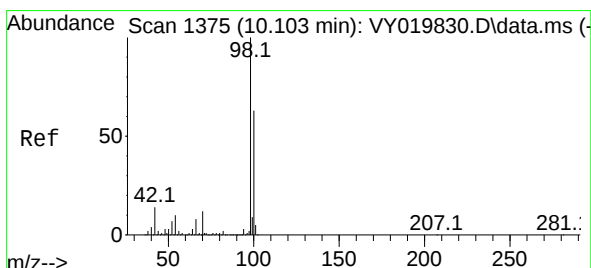
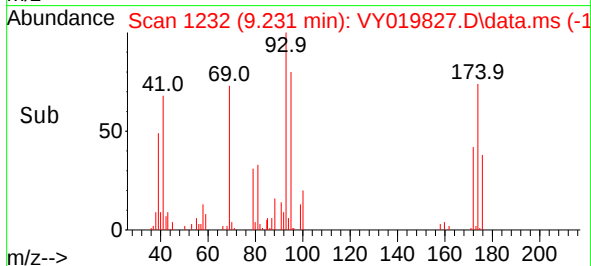
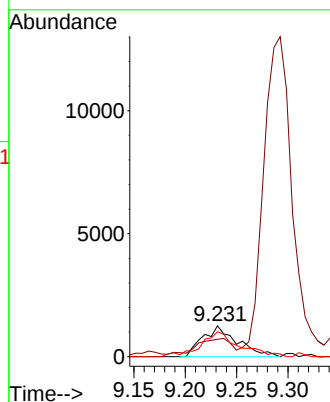
Tgt Ion: 88 Resp: 2943

Ion Ratio Lower Upper

88 100

43 48.0 28.5 42.7#

58 89.0 52.6 78.8#



#50

Toluene-d8

Concen: 5.332 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019827.D

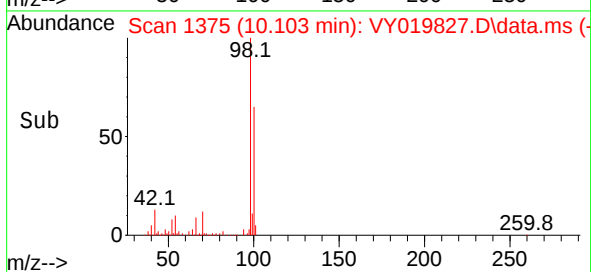
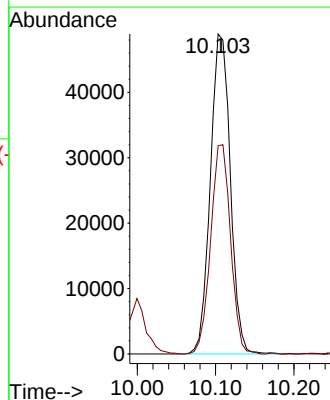
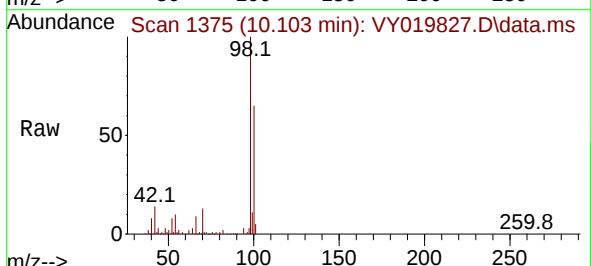
Acq: 09 Oct 2024 10:18

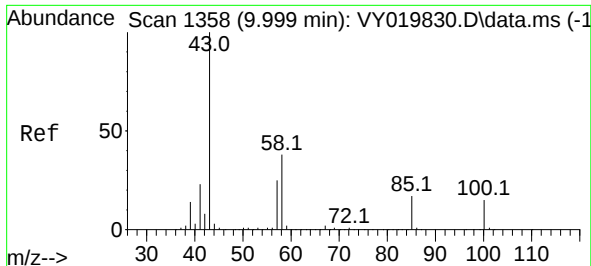
Tgt Ion: 98 Resp: 86603

Ion Ratio Lower Upper

98 100

100 65.2 51.1 76.7

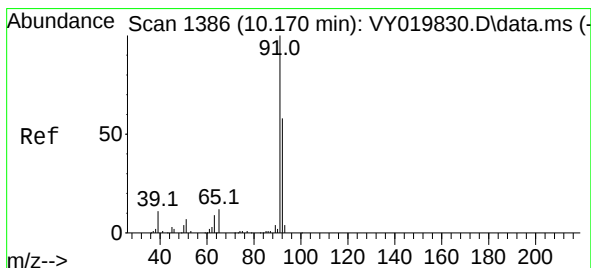
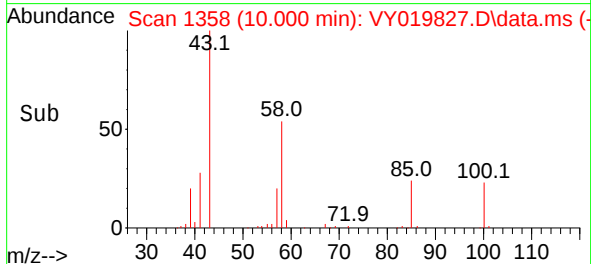
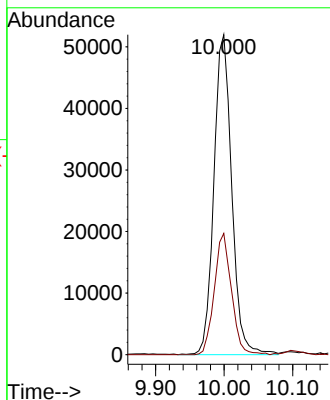
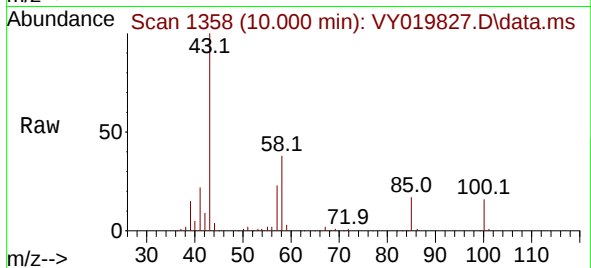




#51
4-Methyl-2-Pentanone
Concen: 27.294 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

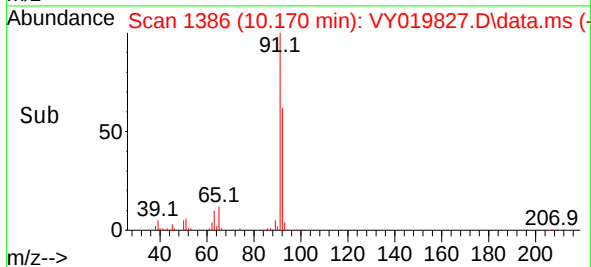
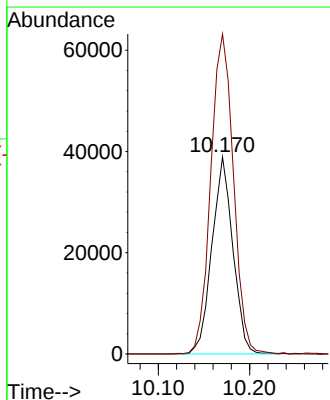
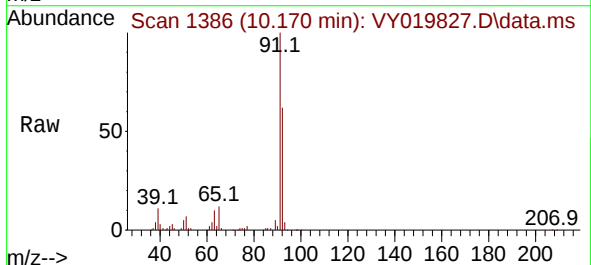
Instrument :
MSVOA_Y
ClientSampleId :

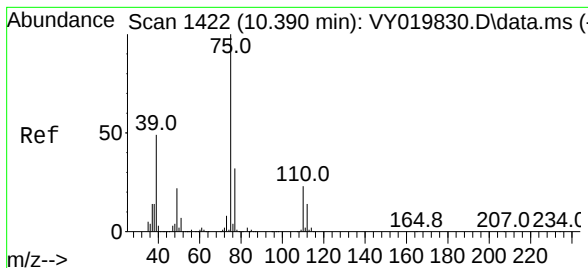
Tgt Ion: 43 Resp: 93808
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6



#52
Toluene
Concen: 5.180 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 92 Resp: 62004
Ion Ratio Lower Upper
92 100
91 175.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 5.080 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

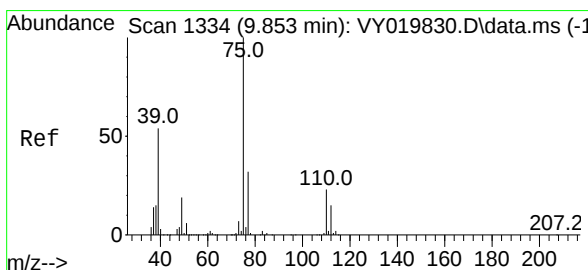
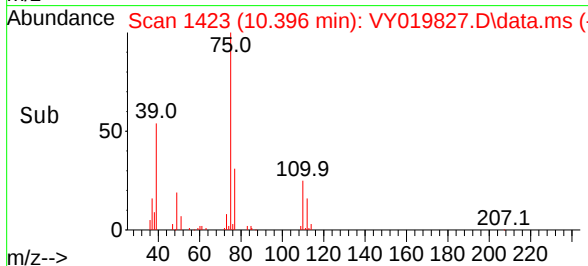
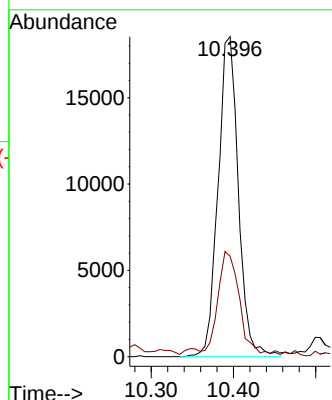
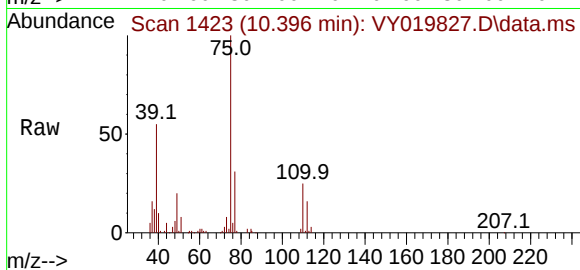
ClientSampleId :

Tgt Ion: 75 Resp: 31813

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 5.203 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

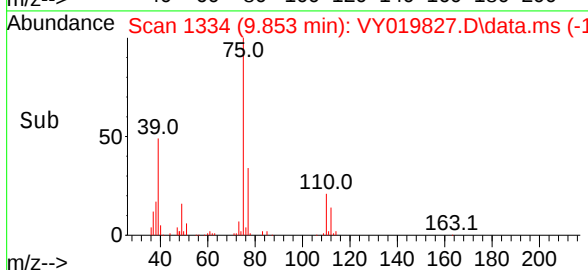
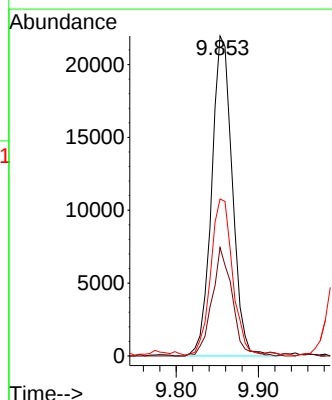
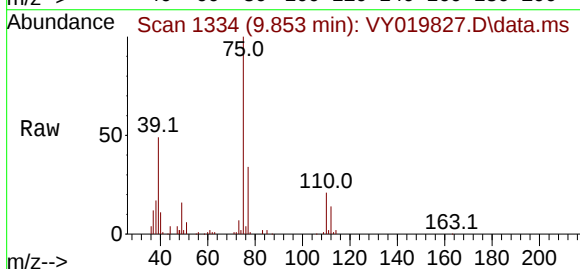
Tgt Ion: 75 Resp: 38450

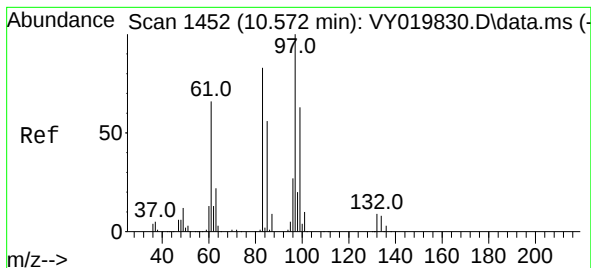
Ion Ratio Lower Upper

75 100

77 33.9 25.4 38.2

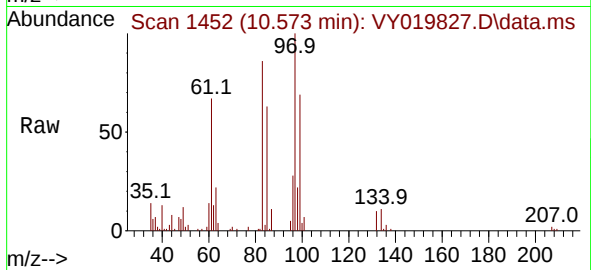
39 48.6 43.1 64.7



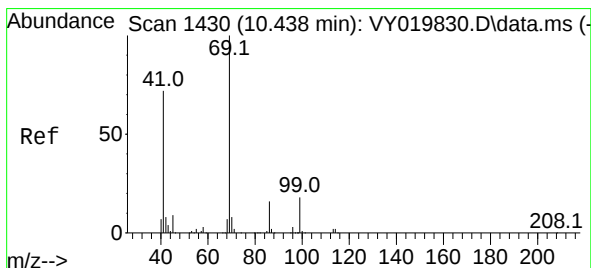
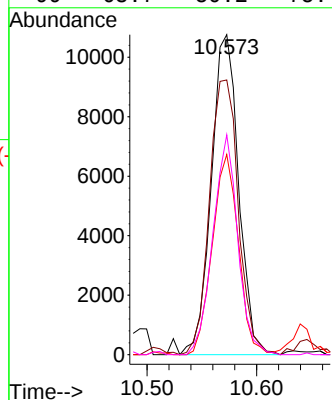
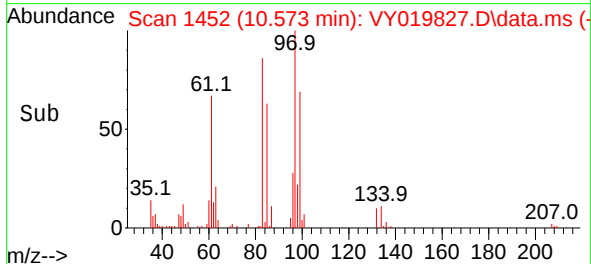


#55
1,1,2-Trichloroethane
Concen: 5.392 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

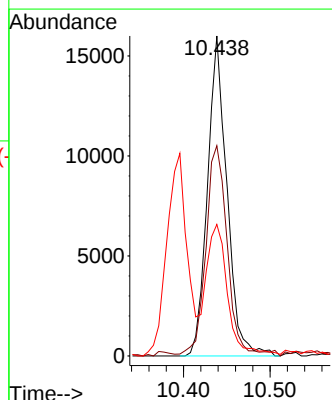
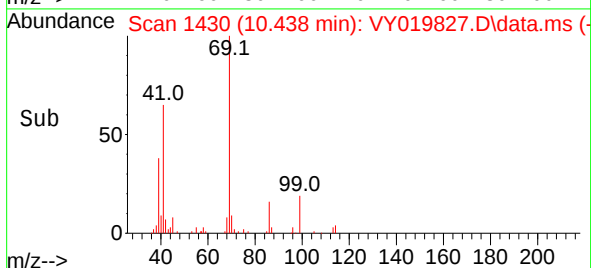
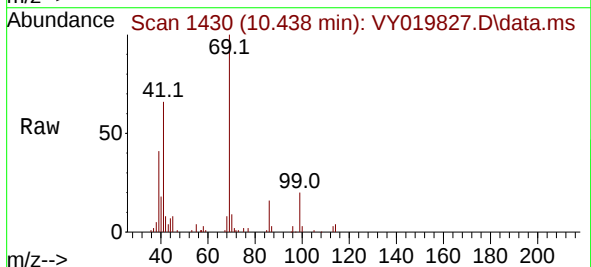


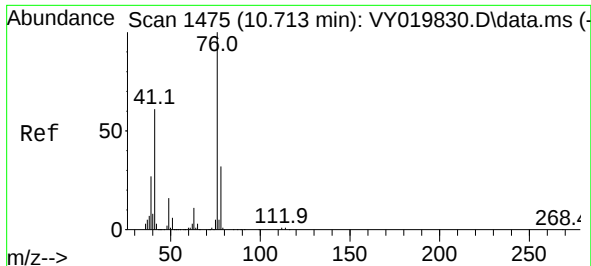
Tgt Ion:	97	Resp:	18629
Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.7	100.1
85	62.6	45.0	67.4
99	68.7	50.2	75.4



#56
Ethyl methacrylate
Concen: 5.048 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion:	69	Resp:	25028
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.2	82.8
39	45.0	33.0	49.4





#57

1,3-Dichloropropane

Concen: 5.286 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

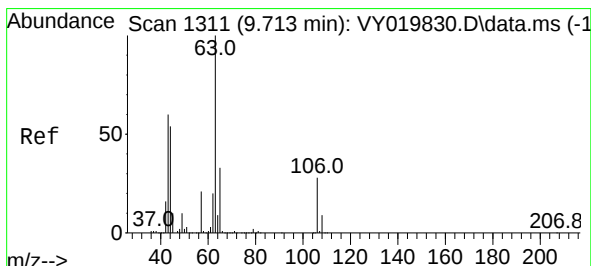
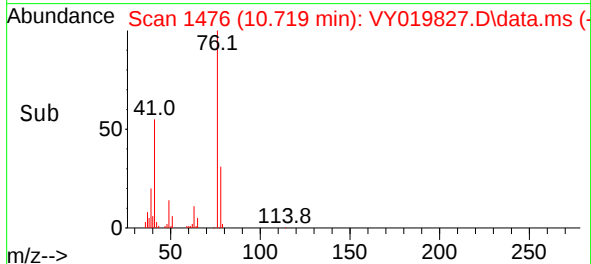
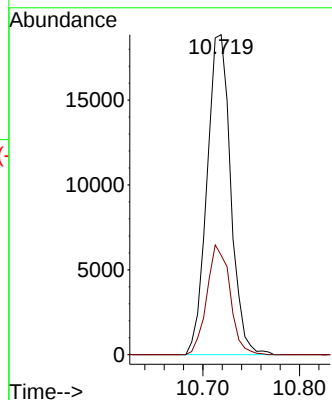
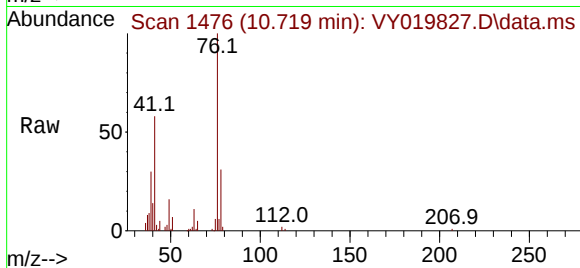
ClientSampleId :

Tgt Ion: 76 Resp: 32075

Ion Ratio Lower Upper

76 100

78 33.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 25.908 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019827.D

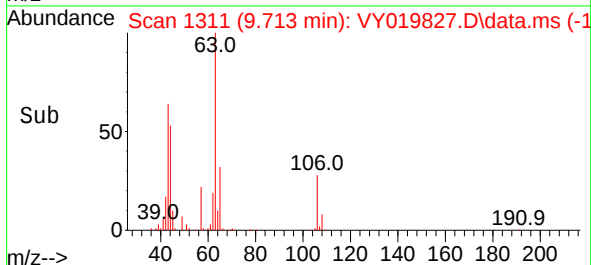
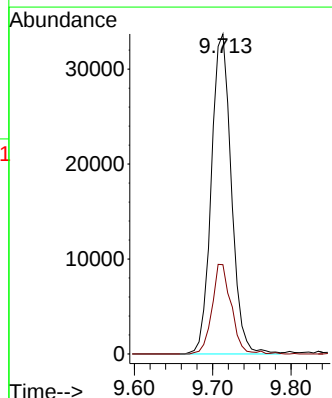
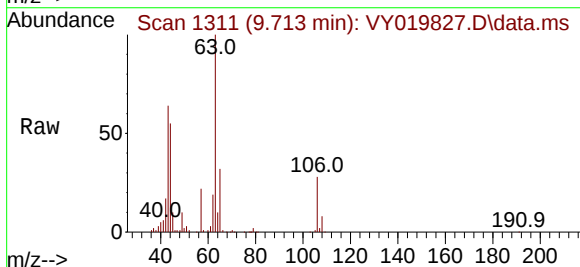
Acq: 09 Oct 2024 10:18

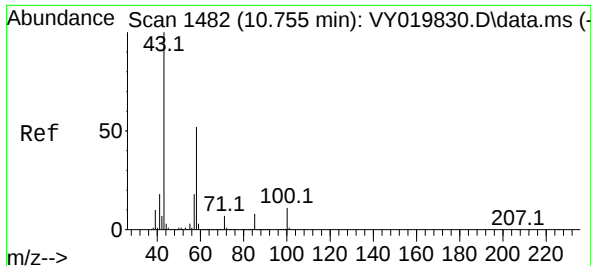
Tgt Ion: 63 Resp: 59794

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5





#59

2-Hexanone

Concen: 26.230 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

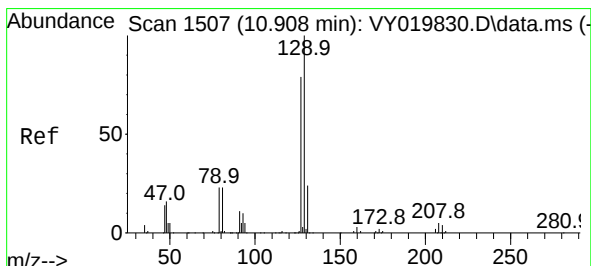
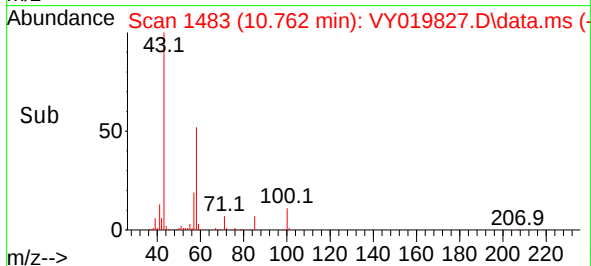
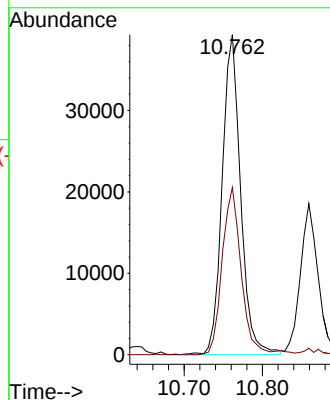
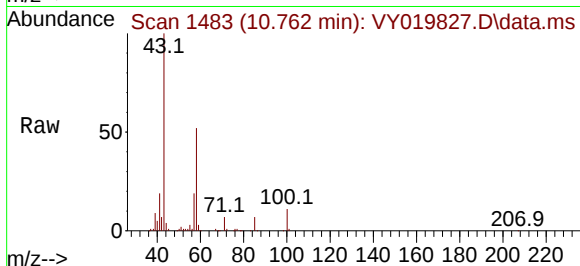
ClientSampleId :

Tgt Ion: 43 Resp: 64389

Ion Ratio Lower Upper

43 100

58 53.3 26.4 79.2



#60

Dibromochloromethane

Concen: 5.233 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019827.D

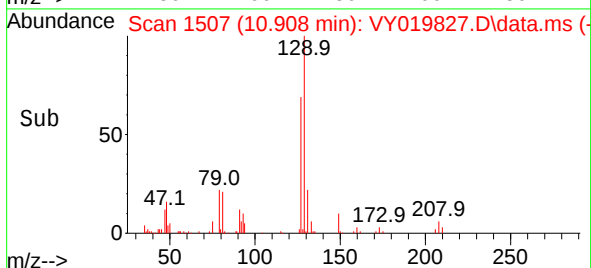
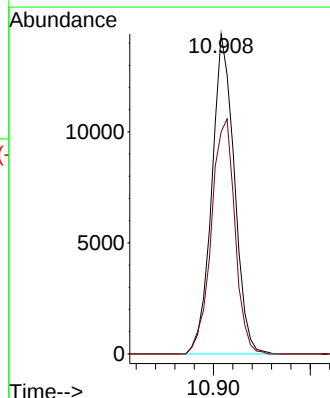
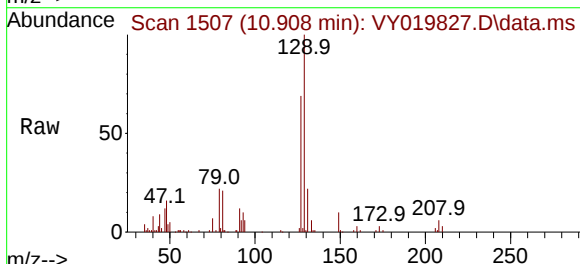
Acq: 09 Oct 2024 10:18

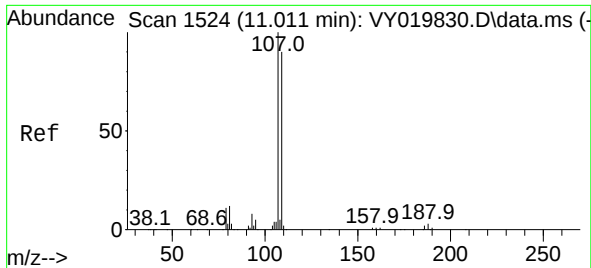
Tgt Ion: 129 Resp: 23206

Ion Ratio Lower Upper

129 100

127 77.0 39.5 118.5





#61

1,2-Dibromoethane

Concen: 5.215 ug/l

RT: 11.012 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

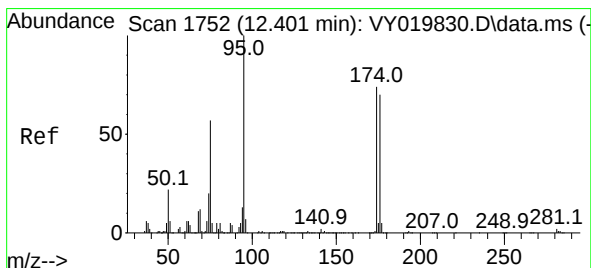
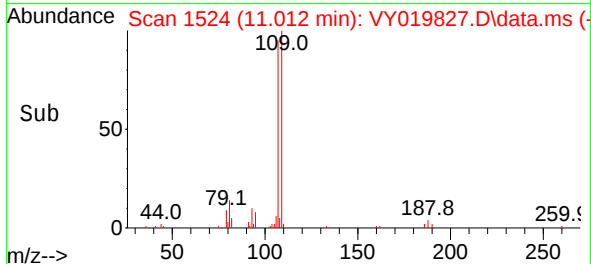
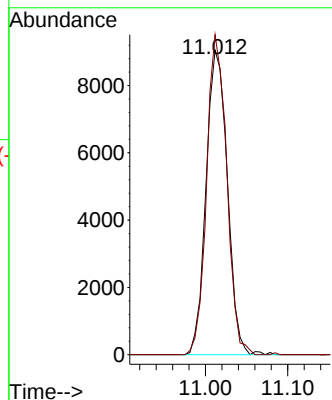
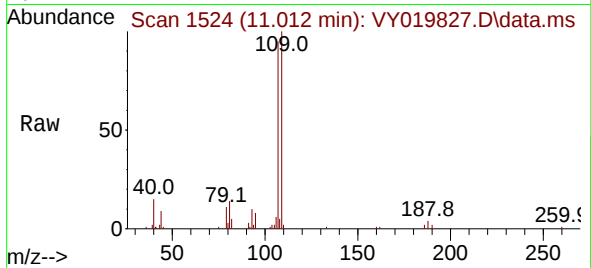
ClientSampleId :

Tgt Ion:107 Resp: 16281

Ion Ratio Lower Upper

107 100

109 99.0 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 5.661 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

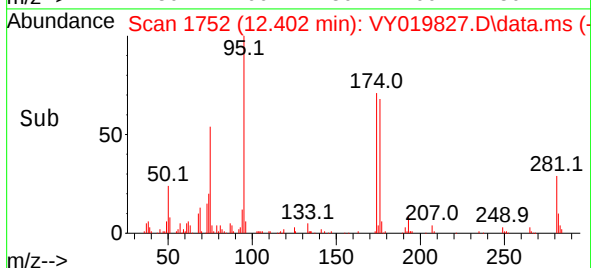
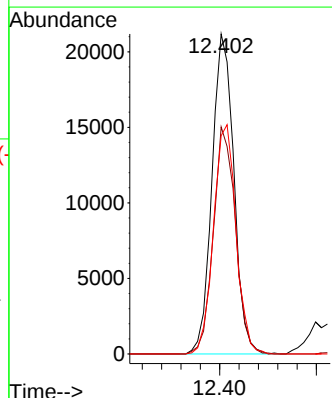
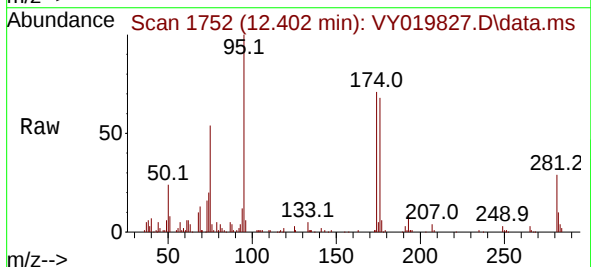
Tgt Ion: 95 Resp: 33223

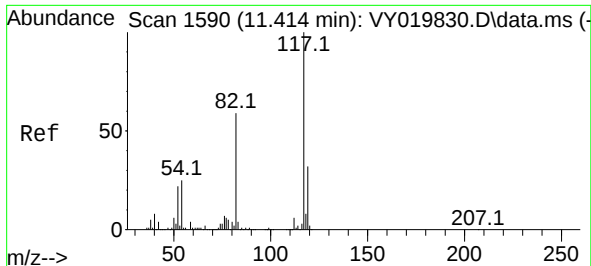
Ion Ratio Lower Upper

95 100

174 71.5 0.0 148.0

176 73.8 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: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

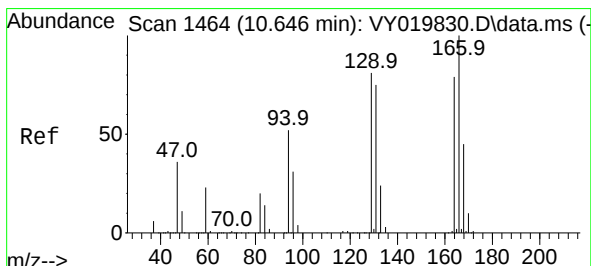
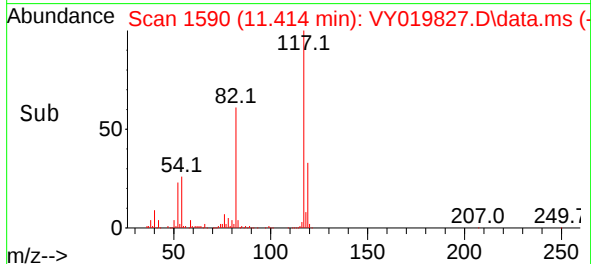
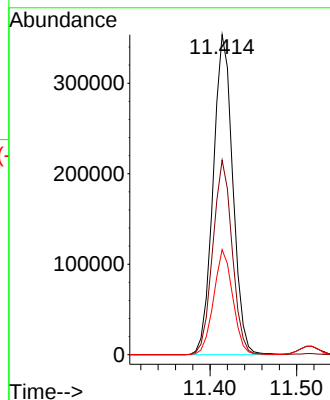
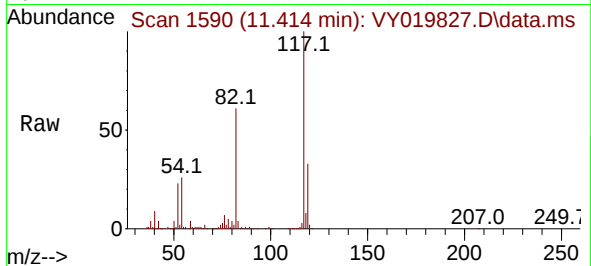
Tgt Ion:117 Resp: 557182

Ion Ratio Lower Upper

117 100

82 60.8 46.9 70.3

119 32.8 25.4 38.2



#64

Tetrachloroethene

Concen: 5.326 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Tgt Ion:164 Resp: 21107

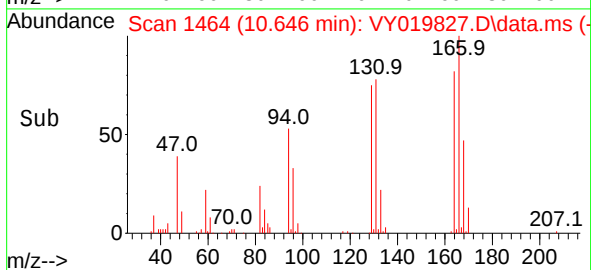
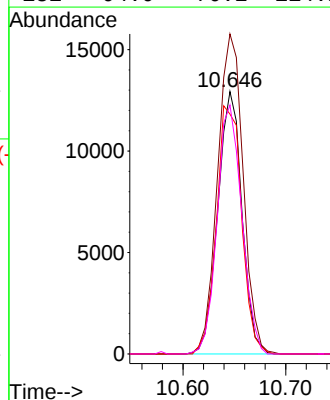
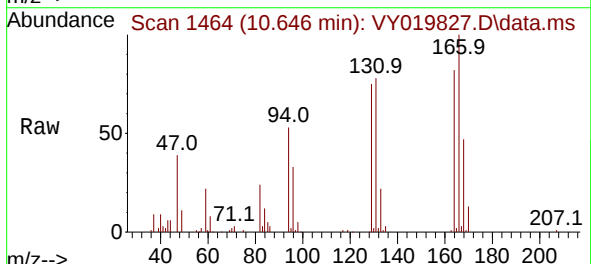
Ion Ratio Lower Upper

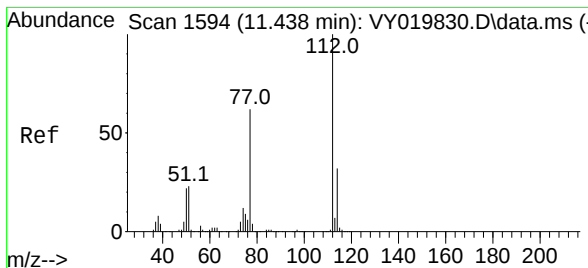
164 100

166 121.9 101.0 151.6

129 91.4 81.4 122.2

131 94.9 76.2 114.2

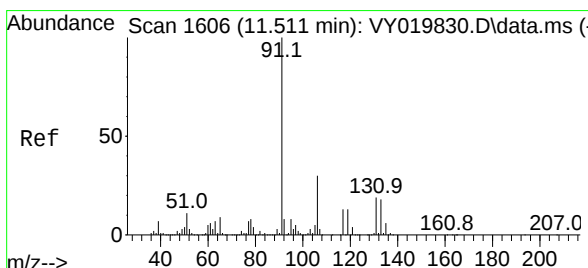
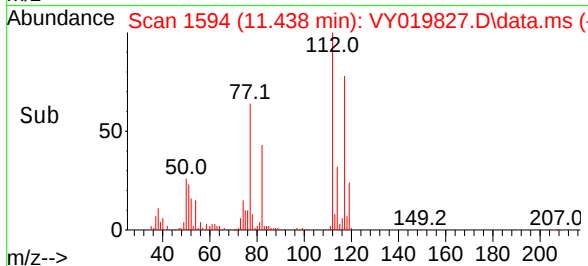
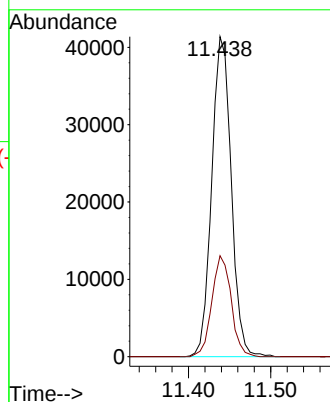
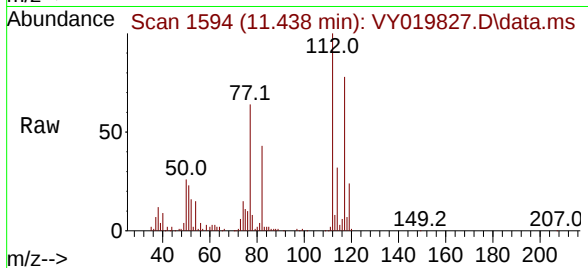




#65
Chlorobenzene
Concen: 5.360 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

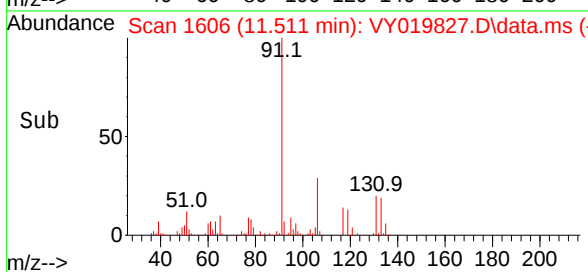
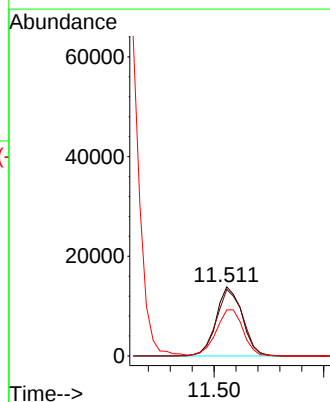
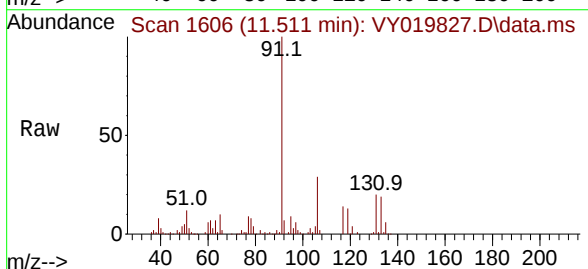
Instrument :
MSVOA_Y
ClientSampleId :

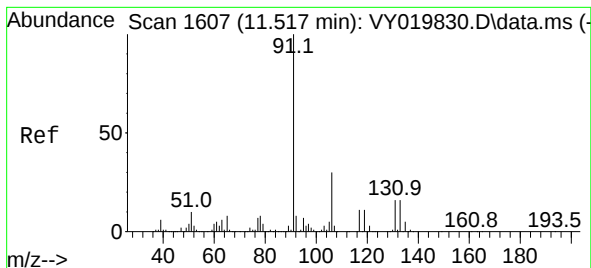
Tgt Ion:112 Resp: 68313
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.281 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion:131 Resp: 22770
Ion Ratio Lower Upper
131 100
133 98.9 48.0 144.0
119 69.9 33.4 100.1





#67

Ethyl Benzene

Concen: 5.241 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

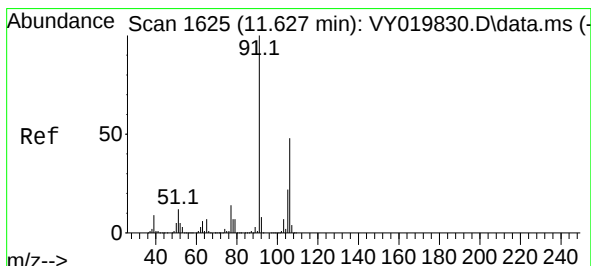
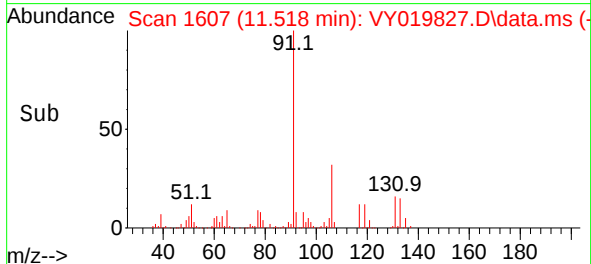
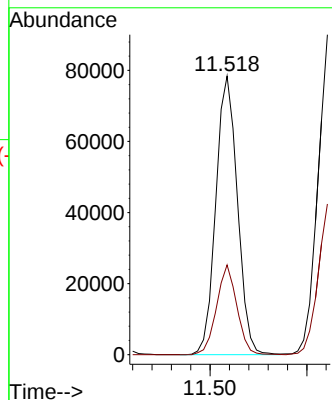
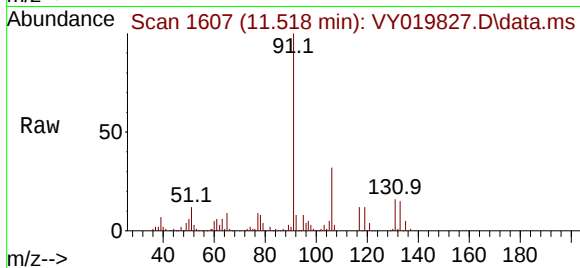
ClientSampleId :

Tgt Ion: 91 Resp: 121323

Ion Ratio Lower Upper

91 100

106 32.2 23.7 35.5



#68

m/p-Xylenes

Concen: 10.448 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019827.D

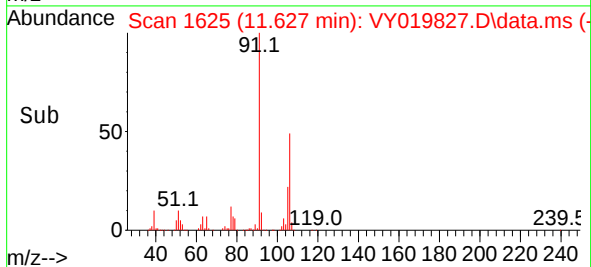
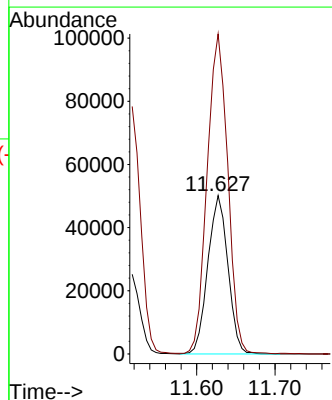
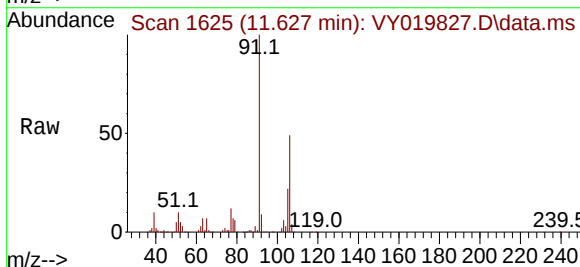
Acq: 09 Oct 2024 10:18

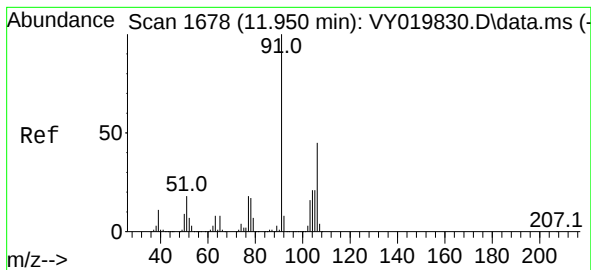
Tgt Ion:106 Resp: 89333

Ion Ratio Lower Upper

106 100

91 206.9 165.7 248.5





#69

o-Xylene

Concen: 5.089 ug/l

RT: 11.950 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

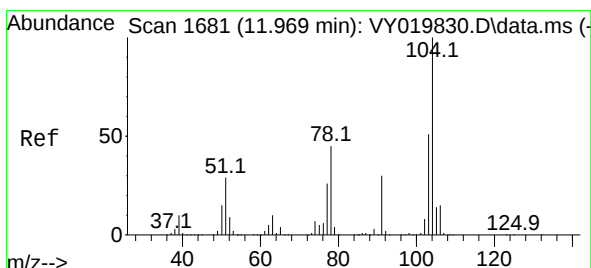
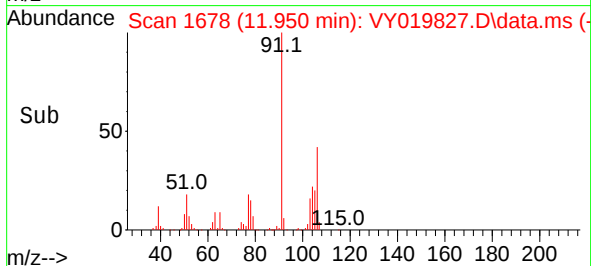
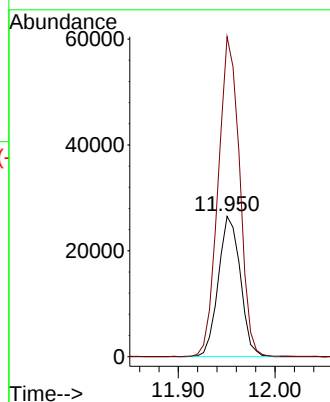
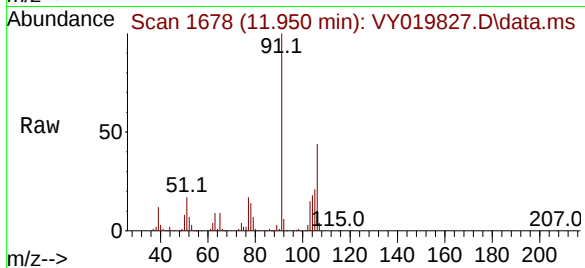
ClientSampleId :

Tgt Ion:106 Resp: 41807

Ion Ratio Lower Upper

106 100

91 223.2 109.5 328.4



#70

Styrene

Concen: 5.129 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

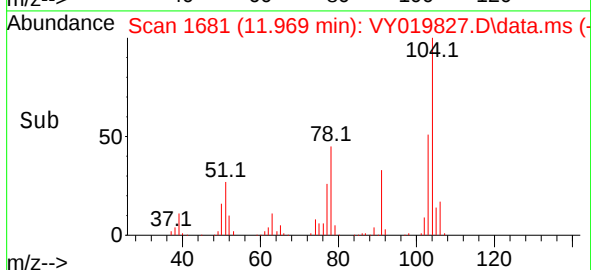
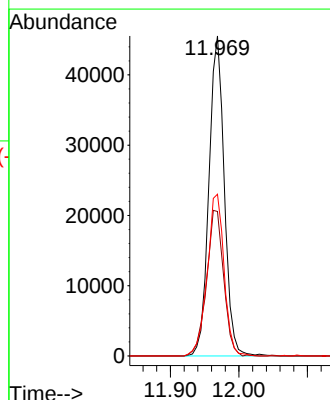
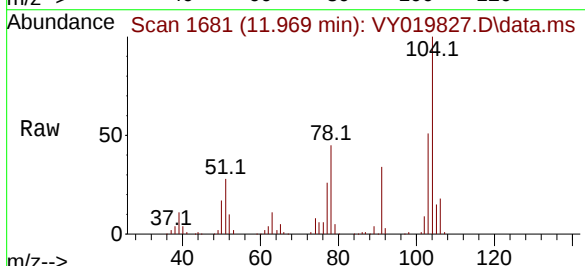
Tgt Ion:104 Resp: 71087

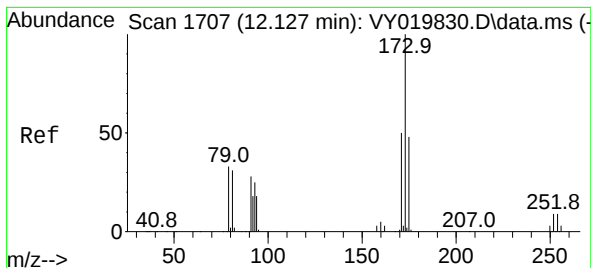
Ion Ratio Lower Upper

104 100

78 50.6 41.9 62.9

103 55.5 43.7 65.5





#71

Bromoform

Concen: 5.032 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

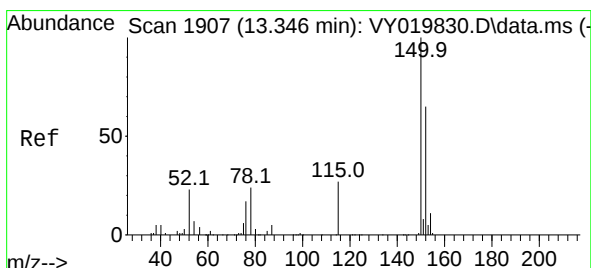
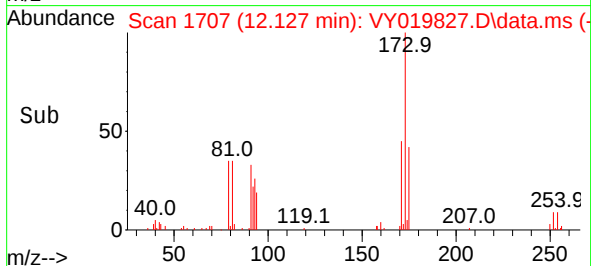
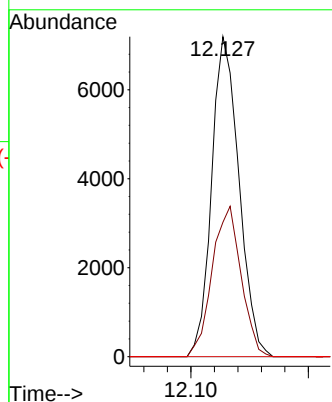
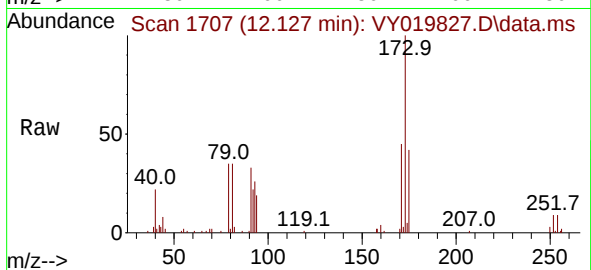
Tgt Ion:173 Resp: 11616

Ion Ratio Lower Upper

173 100

175 49.8 23.6 71.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

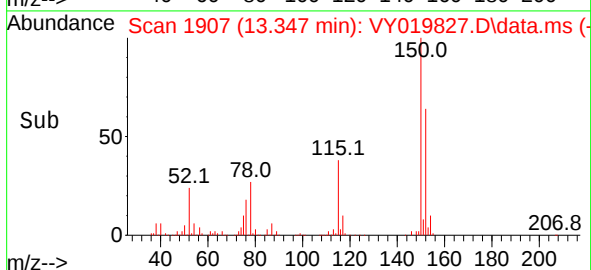
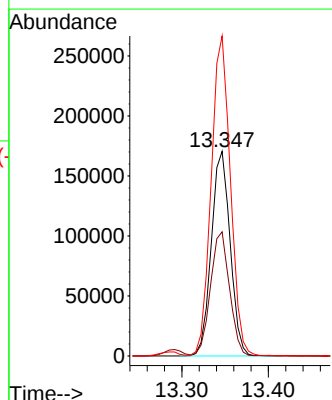
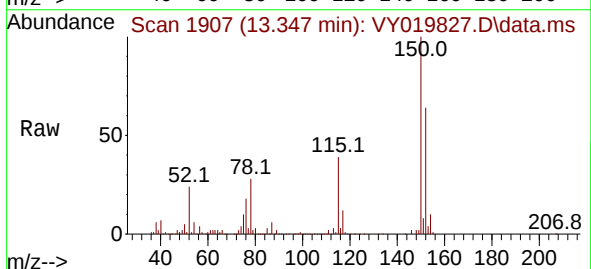
Tgt Ion:152 Resp: 257354

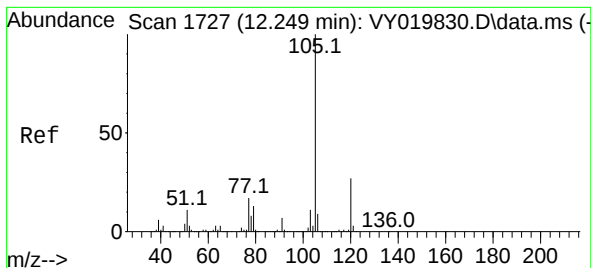
Ion Ratio Lower Upper

152 100

115 61.6 30.8 92.3

150 159.4 0.0 352.8





#73

Isopropylbenzene

Concen: 5.254 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

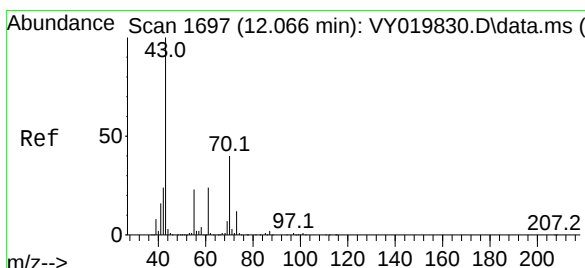
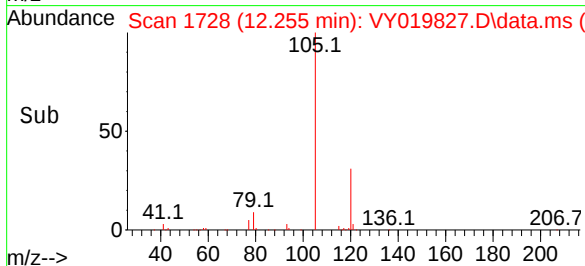
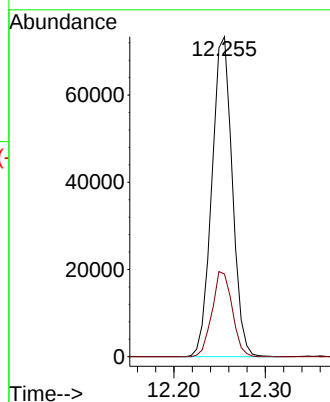
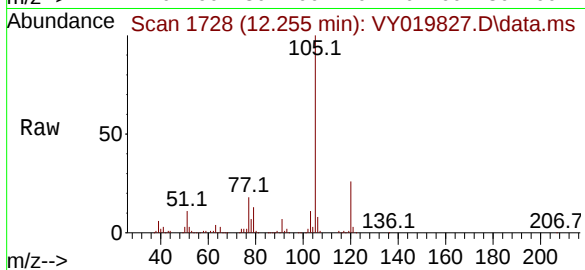
ClientSampleId :

Tgt Ion:105 Resp: 113742

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 4.929 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Tgt Ion: 43 Resp: 28262

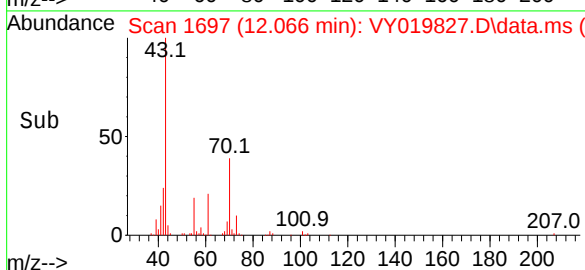
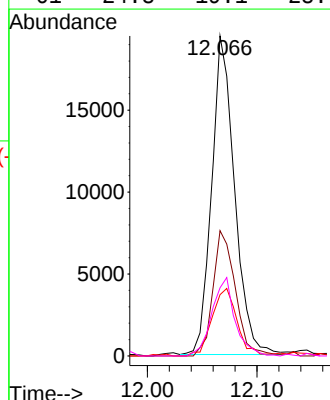
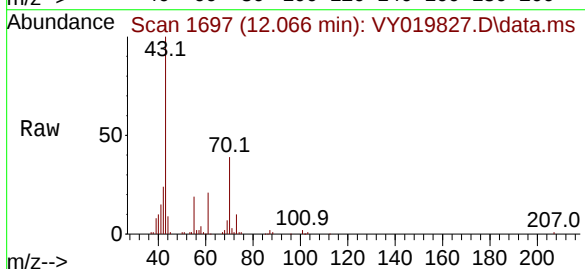
Ion Ratio Lower Upper

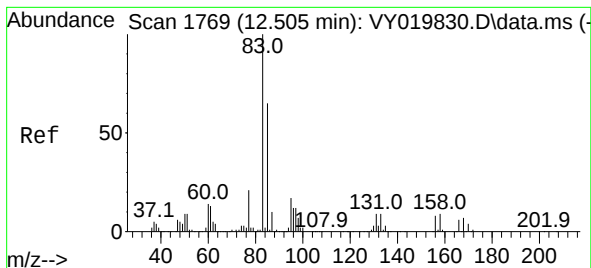
43 100

70 38.4 32.8 49.2

55 23.3 19.3 28.9

61 24.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.326 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

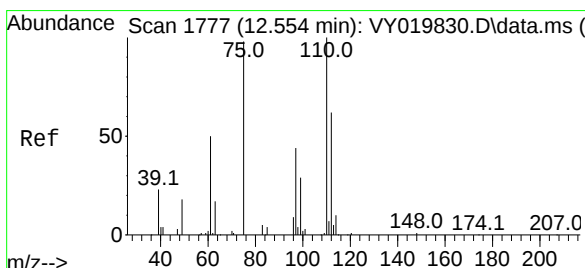
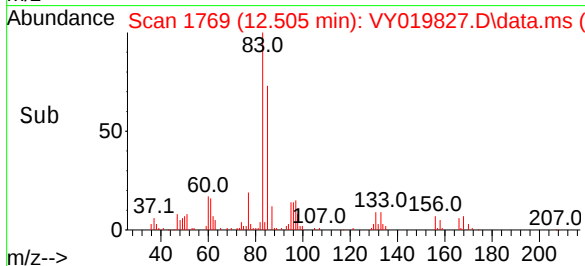
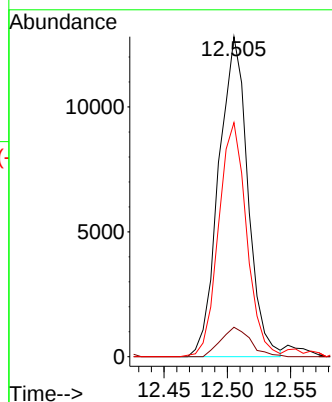
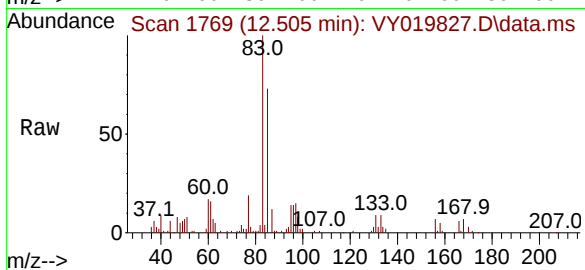
Tgt Ion: 83 Resp: 20484

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 70.3 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 10.378 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019827.D

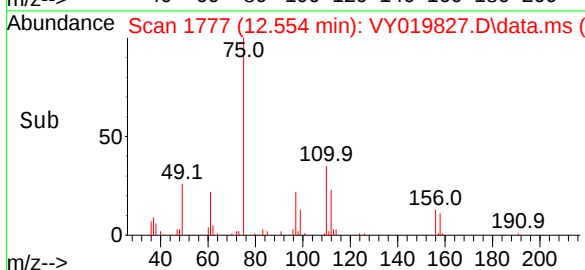
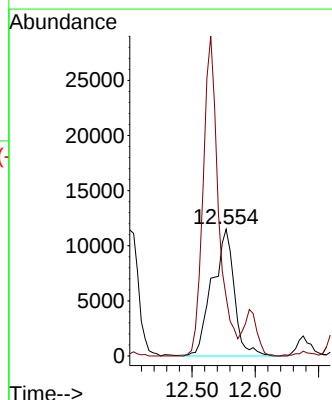
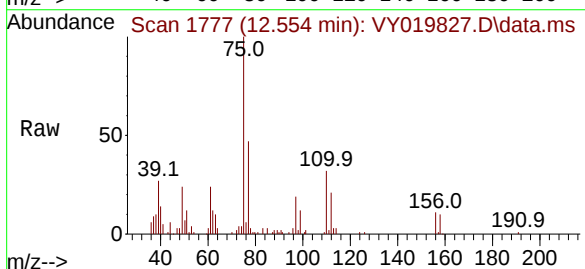
Acq: 09 Oct 2024 10:18

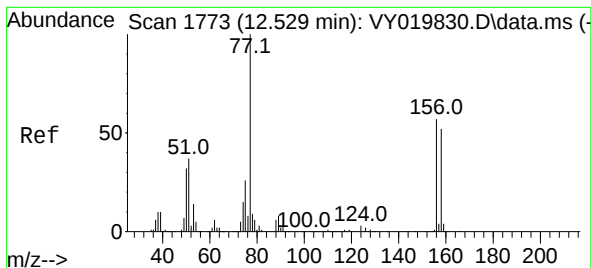
Tgt Ion: 75 Resp: 27738

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.292 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

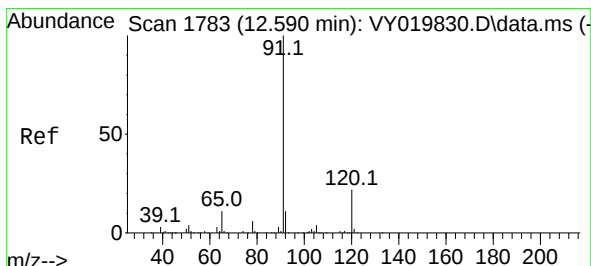
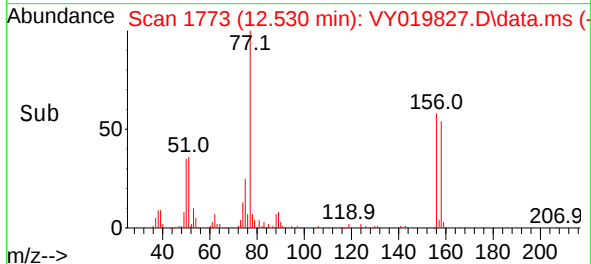
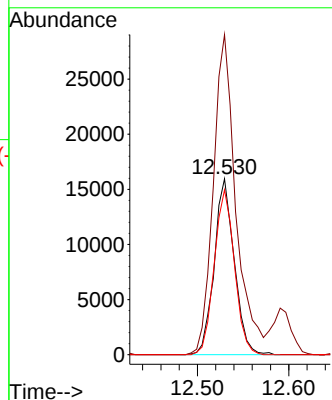
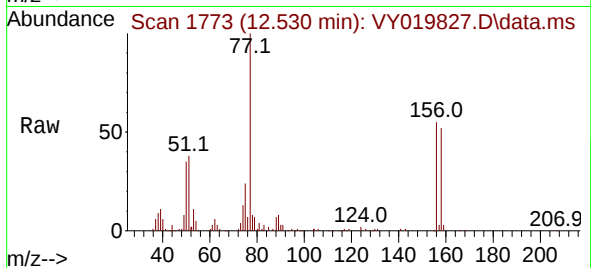
Tgt Ion:156 Resp: 24308

Ion Ratio Lower Upper

156 100

77 204.4 101.3 303.9

158 94.3 47.9 143.6



#78

n-propylbenzene

Concen: 5.204 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY019827.D

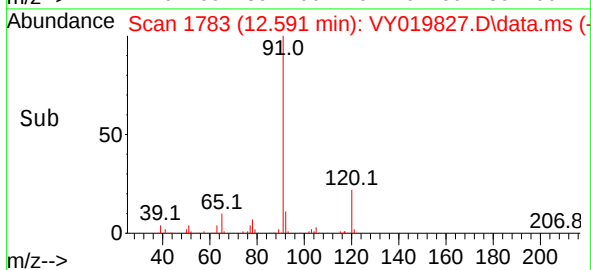
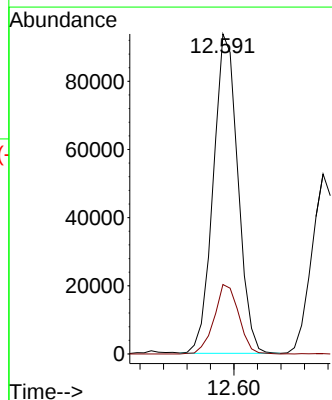
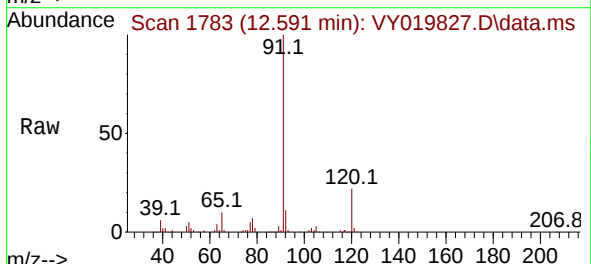
Acq: 09 Oct 2024 10:18

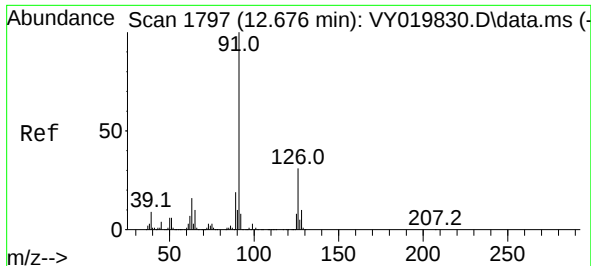
Tgt Ion: 91 Resp: 136112

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 5.383 ug/l

RT: 12.676 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

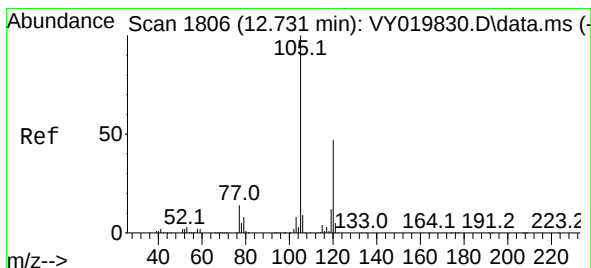
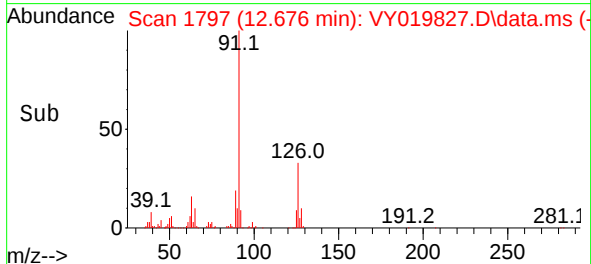
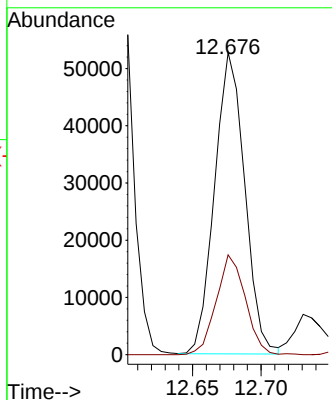
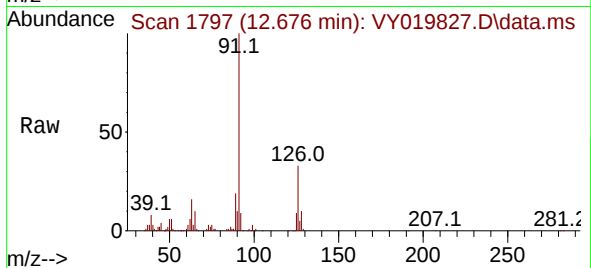
ClientSampleId :

Tgt Ion: 91 Resp: 80713

Ion Ratio Lower Upper

91 100

126 31.9 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 5.264 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY019827.D

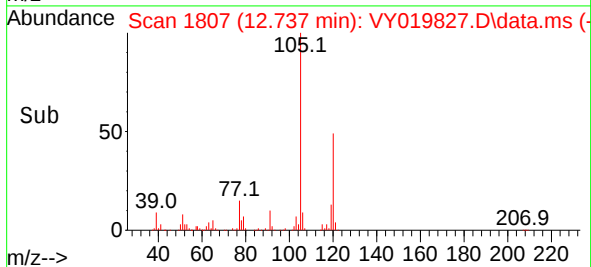
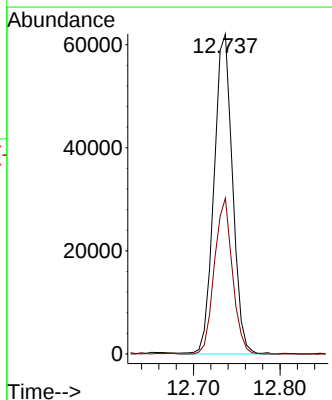
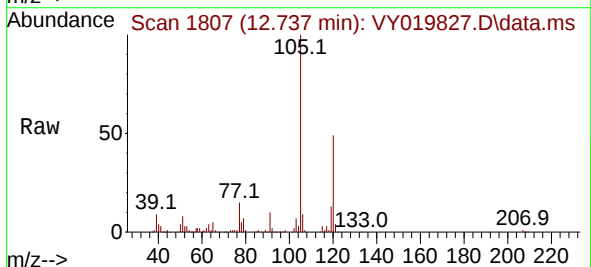
Acq: 09 Oct 2024 10:18

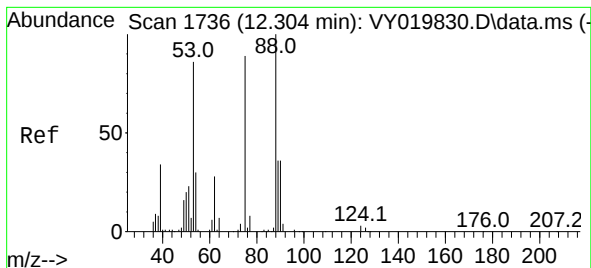
Tgt Ion:105 Resp: 92022

Ion Ratio Lower Upper

105 100

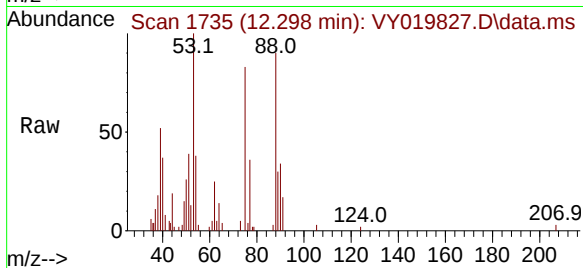
120 47.3 23.8 71.5



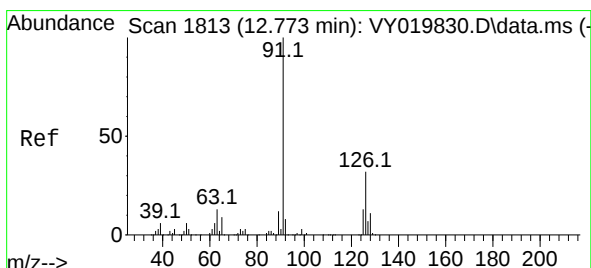
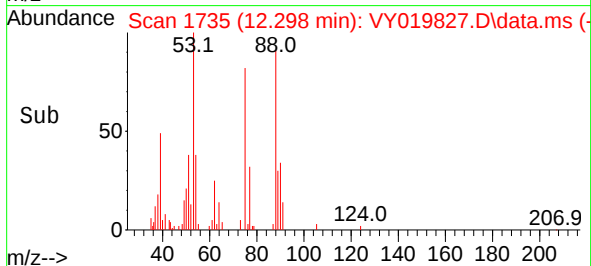
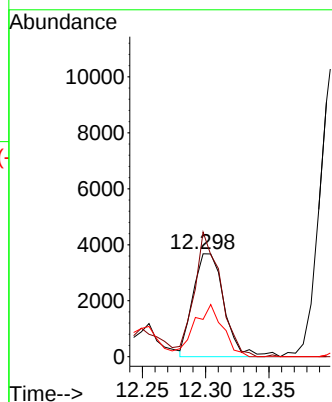


#81
trans-1,4-Dichloro-2-butene
Concen: 5.021 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Instrument :
MSVOA_Y
ClientSampleId :

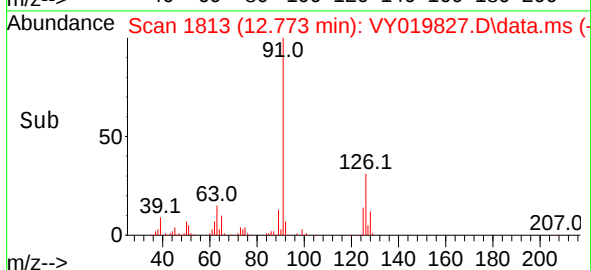
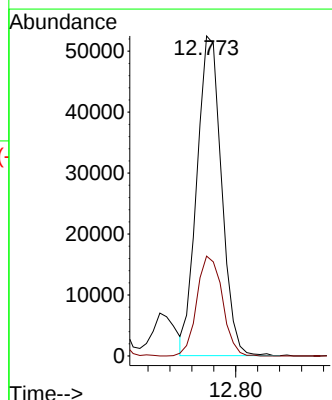
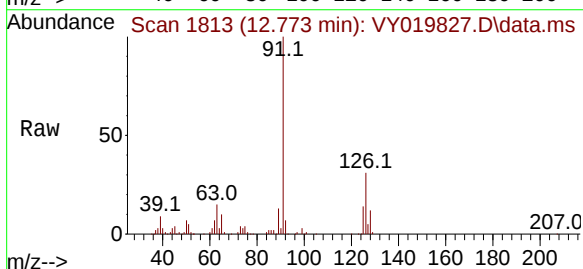


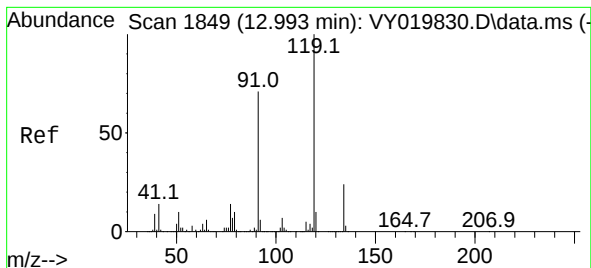
Tgt Ion: 75 Resp: 6271
Ion Ratio Lower Upper
75 100
53 103.8 84.7 127.1
89 46.9 35.4 53.2



#82
4-Chlorotoluene
Concen: 5.344 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY019827.D
Acq: 09 Oct 2024 10:18

Tgt Ion: 91 Resp: 81942
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3





#83

tert-Butylbenzene

Concen: 5.317 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

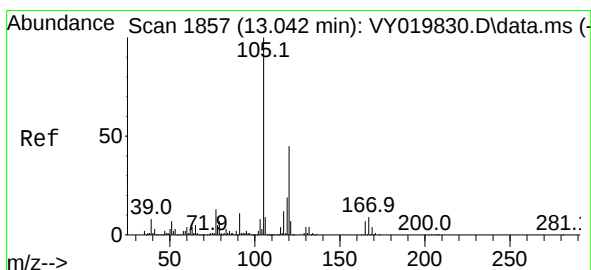
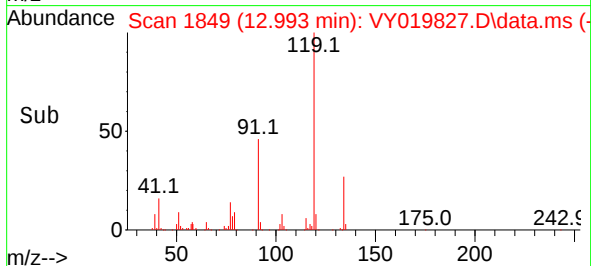
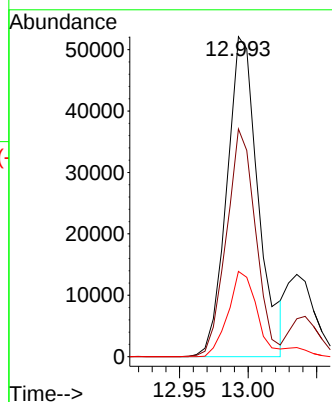
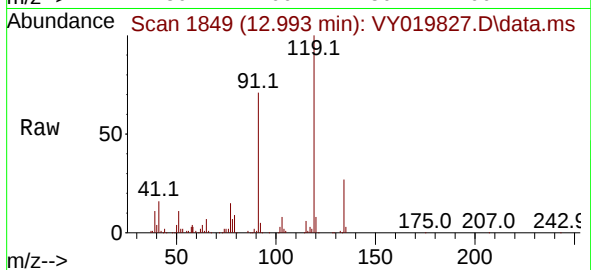
Tgt Ion:119 Resp: 83271

Ion Ratio Lower Upper

119 100

91 66.3 34.6 103.8

134 24.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 5.244 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019827.D

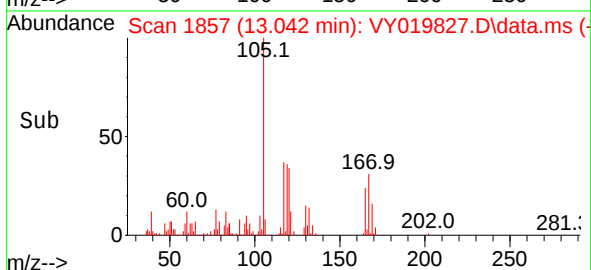
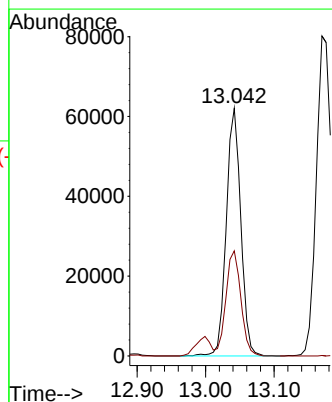
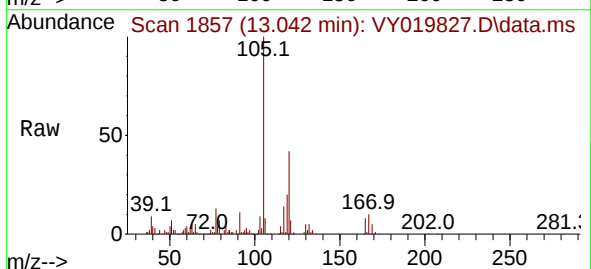
Acq: 09 Oct 2024 10:18

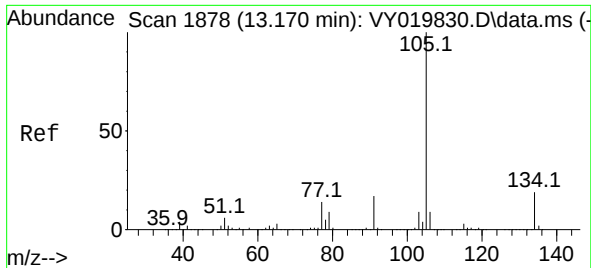
Tgt Ion:105 Resp: 90896

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 5.278 ug/l

RT: 13.170 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

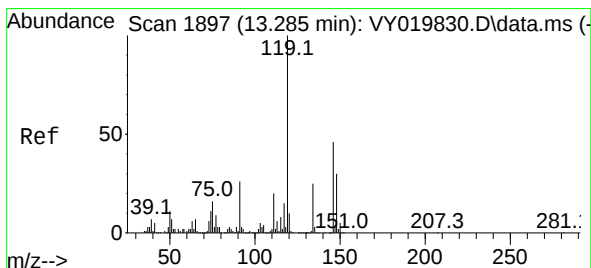
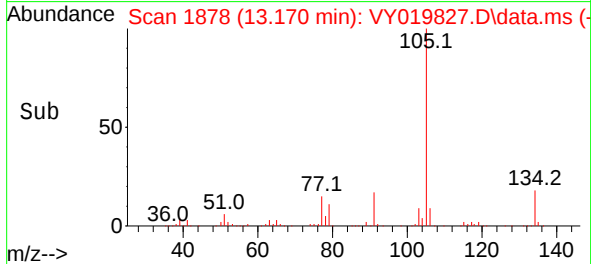
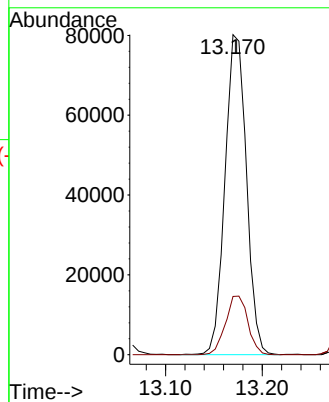
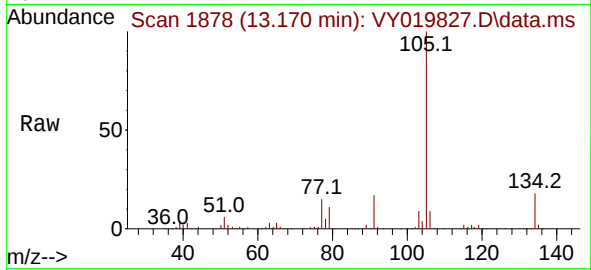
ClientSampleId :

Tgt Ion:105 Resp: 123488

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 5.314 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

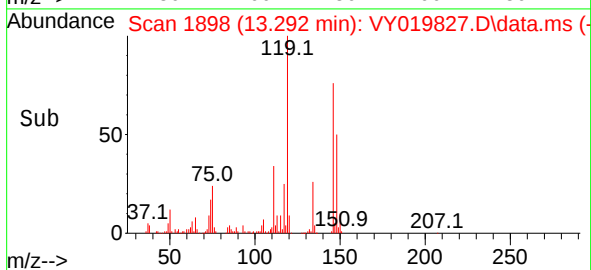
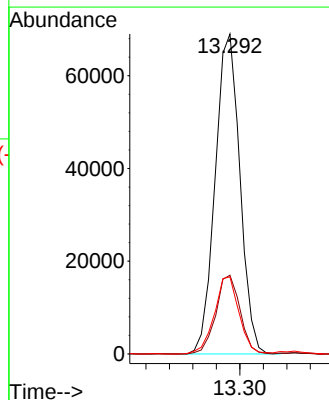
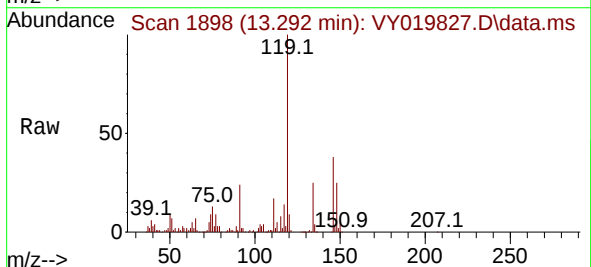
Tgt Ion:119 Resp: 100964

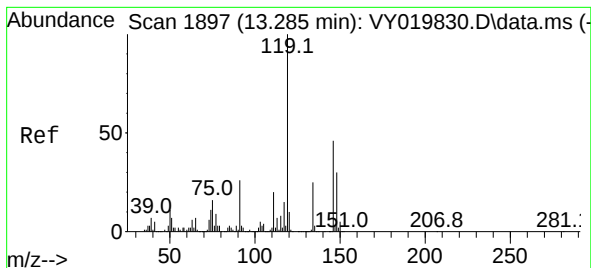
Ion Ratio Lower Upper

119 100

134 23.9 12.8 38.3

91 24.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 5.459 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

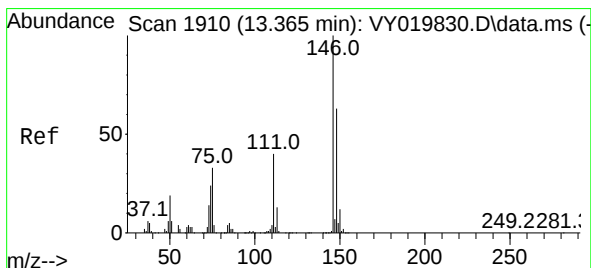
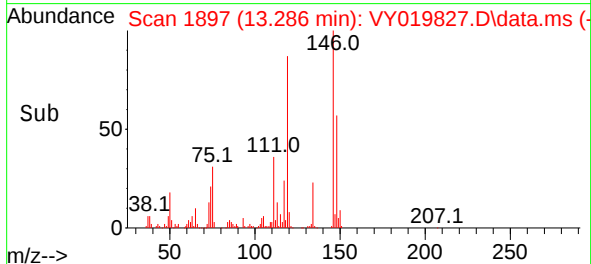
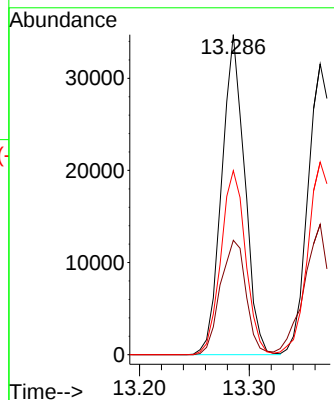
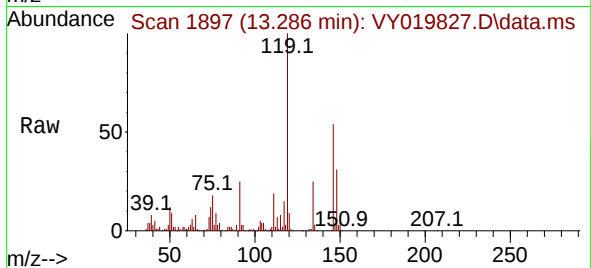
Tgt Ion:146 Resp: 50645

Ion Ratio Lower Upper

146 100

111 39.9 21.1 63.1

148 61.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 5.444 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

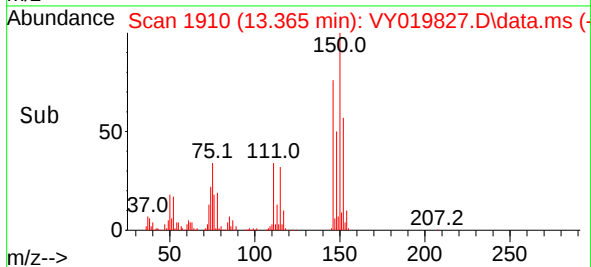
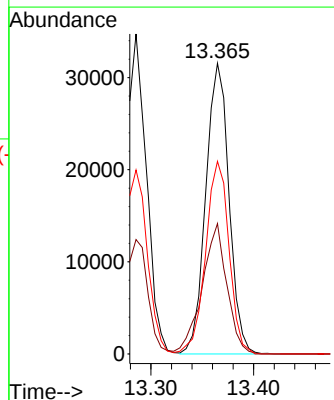
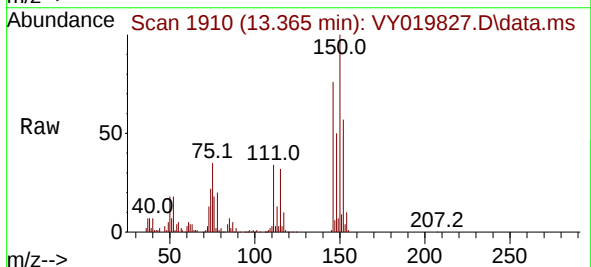
Tgt Ion:146 Resp: 49614

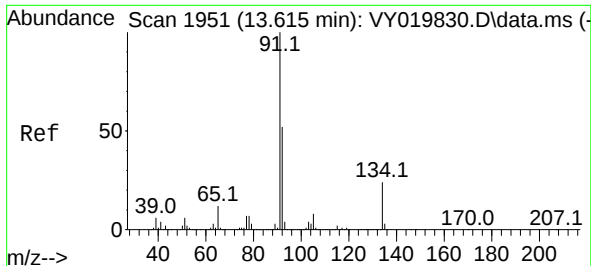
Ion Ratio Lower Upper

146 100

111 47.8 20.3 61.0

148 66.8 32.0 96.0





#89

n-Butylbenzene

Concen: 5.005 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

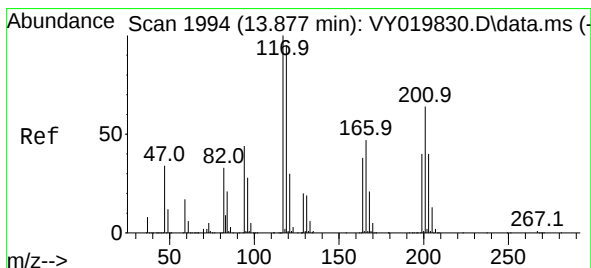
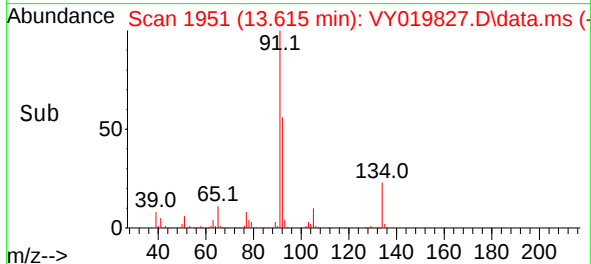
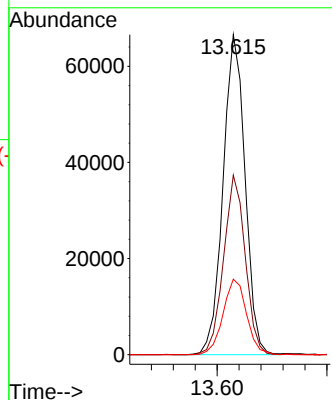
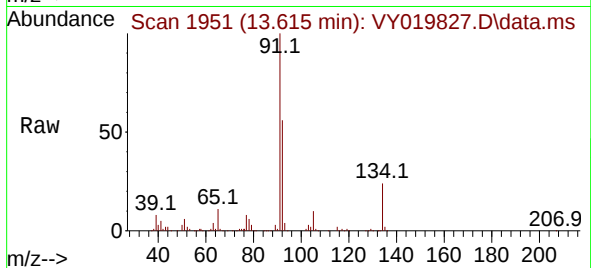
Tgt Ion: 91 Resp: 92858

Ion Ratio Lower Upper

91 100

92 55.2 26.5 79.4

134 25.2 12.0 36.1



#90

Hexachloroethane

Concen: 5.079 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019827.D

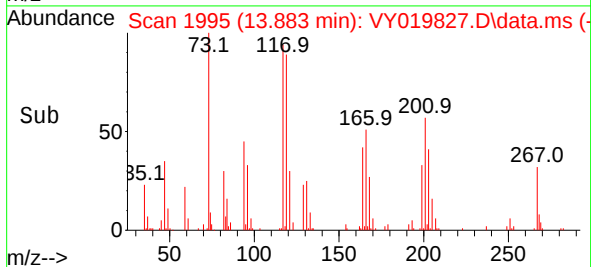
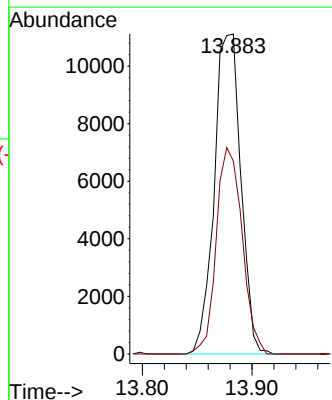
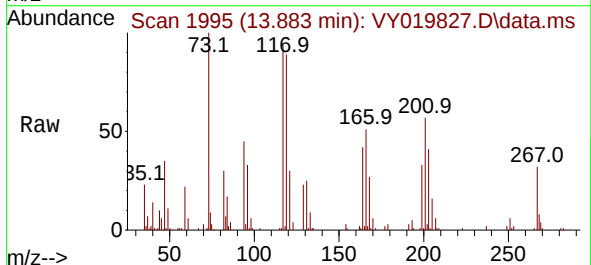
Acq: 09 Oct 2024 10:18

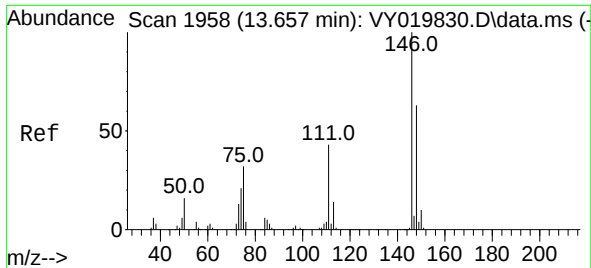
Tgt Ion: 117 Resp: 18792

Ion Ratio Lower Upper

117 100

201 62.6 33.1 99.5





#91

1,2-Dichlorobenzene

Concen: 5.418 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

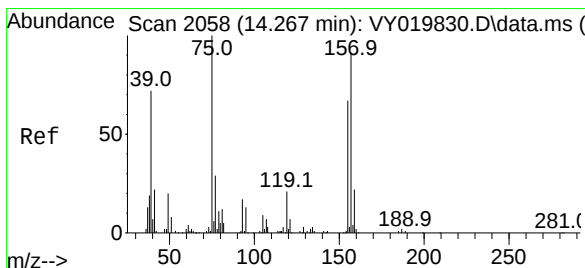
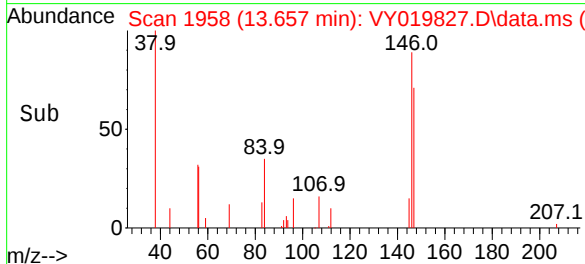
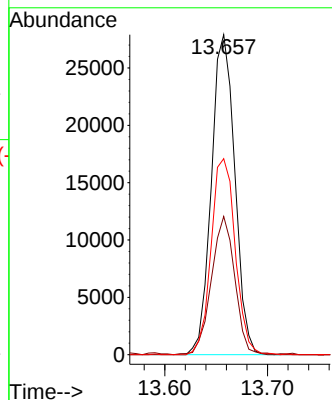
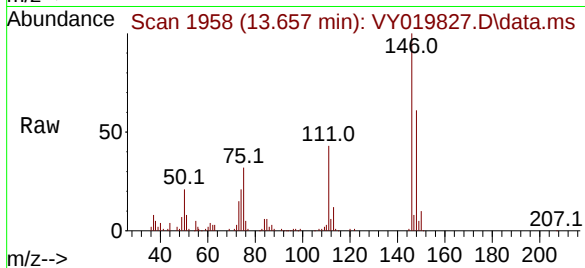
Tgt Ion:146 Resp: 44165

Ion Ratio Lower Upper

146 100

111 42.9 21.8 65.3

148 63.4 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.581 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

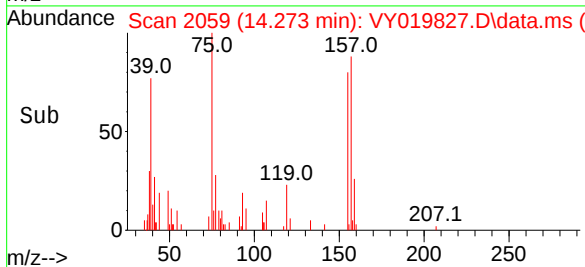
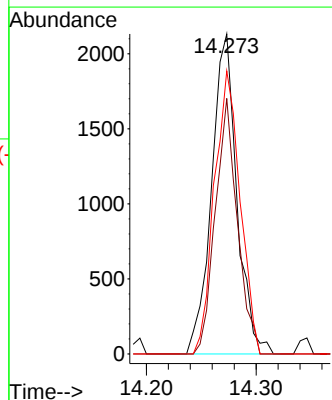
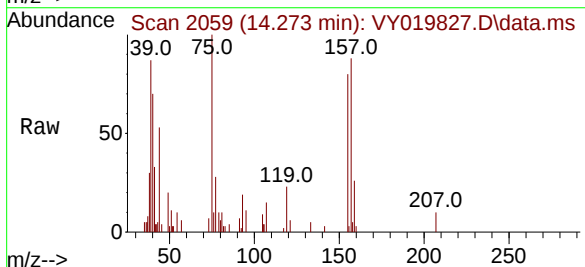
Tgt Ion: 75 Resp: 3426

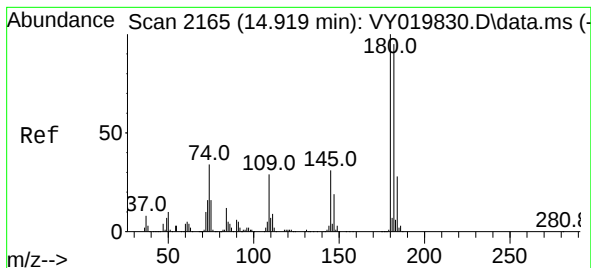
Ion Ratio Lower Upper

75 100

155 69.6 38.5 115.5

157 89.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 4.845 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

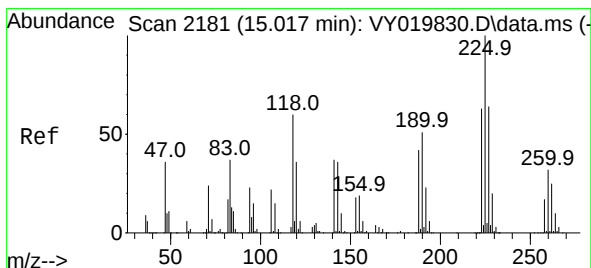
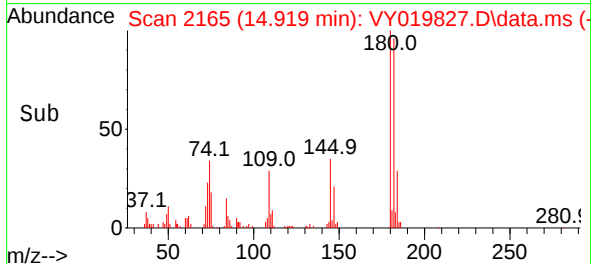
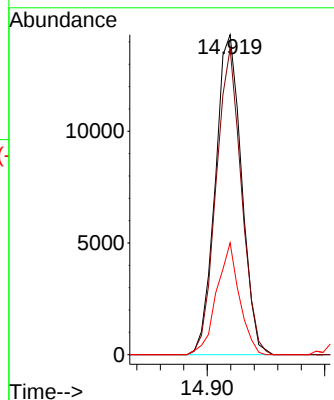
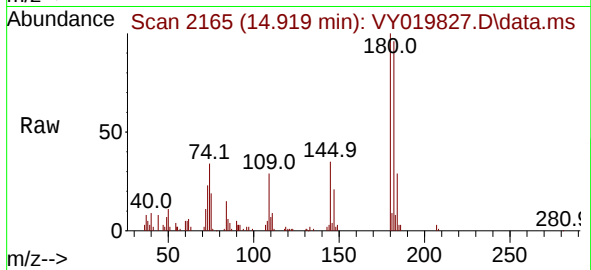
Tgt Ion:180 Resp: 22142

Ion Ratio Lower Upper

180 100

182 92.5 47.4 142.3

145 30.5 16.1 48.2



#94

Hexachlorobutadiene

Concen: 5.081 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

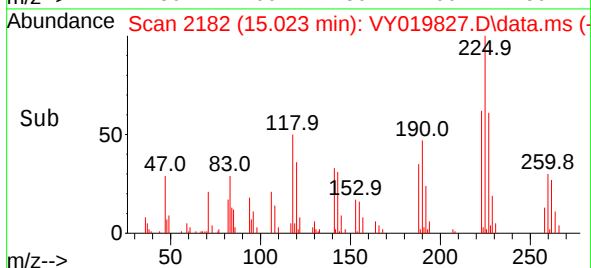
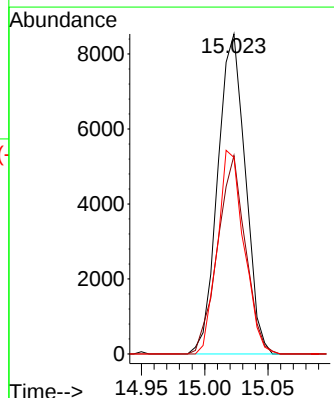
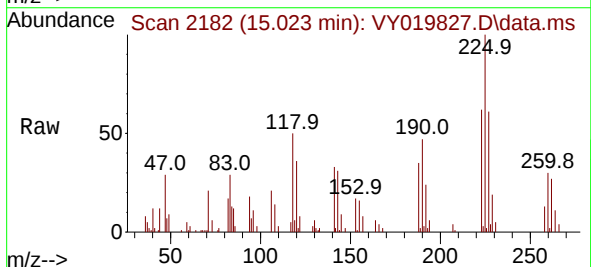
Tgt Ion:225 Resp: 12910

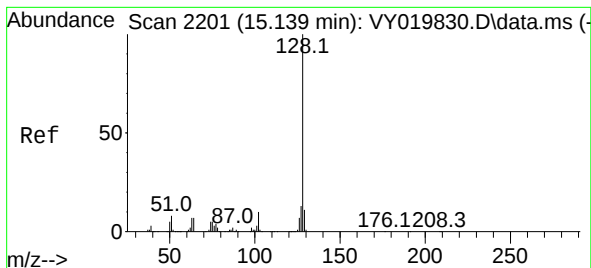
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.8

227 61.7 32.3 96.8





#95

Naphthalene

Concen: 4.436 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

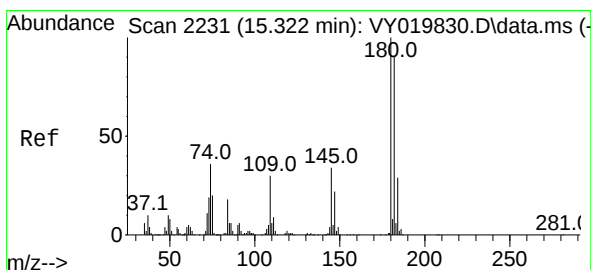
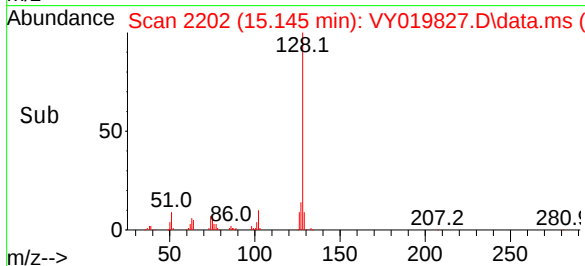
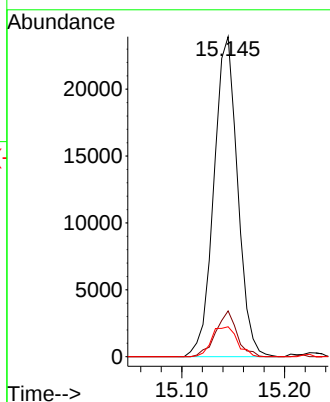
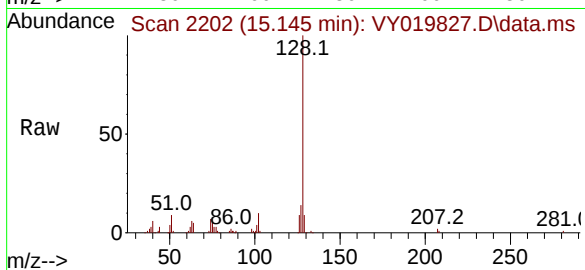
Tgt Ion:128 Resp: 38238

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.771 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY019827.D

Acq: 09 Oct 2024 10:18

Tgt Ion:180 Resp: 18432

Ion Ratio Lower Upper

180 100

182 95.9 46.8 140.4

145 33.2 16.9 50.6

