

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020049.D
 Acq On : 29 Oct 2024 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:18:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	196359	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	345491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	148124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	117432	48.571	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.140%
35) Dibromofluoromethane	7.646	113	112322	49.267	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.115	98	409200	48.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.407	95	146620	48.197	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	75203	41.141	ug/l	99
3) Chloromethane	2.080	50	116367	48.912	ug/l	97
4) Vinyl Chloride	2.214	62	136332	52.074	ug/l	100
5) Bromomethane	2.604	94	88273	53.269	ug/l	99
6) Chloroethane	2.751	64	98416	55.956	ug/l	99
7) Trichlorofluoromethane	3.074	101	201278	51.668	ug/l	99
8) Diethyl Ether	3.464	74	59632	50.366	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.836	101	120594	53.220	ug/l	91
10) Methyl Iodide	4.019	142	108215	47.219	ug/l	91
11) Tert butyl alcohol	4.866	59	46612	237.055	ug/l	# 85
12) 1,1-Dichloroethene	3.805	96	102003	48.422	ug/l	# 82
13) Acrolein	3.671	56	17883	100.661	ug/l	98
14) Allyl chloride	4.397	41	207375	54.560	ug/l	# 89
15) Acrylonitrile	5.073	53	151512	279.782	ug/l	98
16) Acetone	3.885	43	191501	304.268	ug/l	# 83
17) Carbon Disulfide	4.122	76	234437	41.520	ug/l	100
18) Methyl Acetate	4.403	43	78553	57.939	ug/l	89
19) Methyl tert-butyl Ether	5.128	73	323372	53.433	ug/l	92
20) Methylene Chloride	4.634	84	126707	54.559	ug/l	# 79
21) trans-1,2-Dichloroethene	5.128	96	117189	51.114	ug/l	# 79
22) Diisopropyl ether	6.031	45	492070	59.436	ug/l	# 89
23) Vinyl Acetate	5.976	43	1326335	279.455	ug/l	# 89
24) 1,1-Dichloroethane	5.927	63	268044	58.244	ug/l	96
25) 2-Butanone	6.902	43	241718	286.924	ug/l	# 84
26) 2,2-Dichloropropane	6.896	77	231206	56.413	ug/l	93
27) cis-1,2-Dichloroethene	6.902	96	157026	55.421	ug/l	82
28) Bromochloromethane	7.256	49	113629	56.097	ug/l	# 70
29) Tetrahydrofuran	7.268	42	132282	275.004	ug/l	# 81
30) Chloroform	7.427	83	275893	58.810	ug/l	96
31) Cyclohexane	7.713	56	198971	49.253	ug/l	89
32) 1,1,1-Trichloroethane	7.628	97	237689	57.814	ug/l	# 94
36) 1,1-Dichloropropene	7.847	75	184141	56.063	ug/l	93
37) Ethyl Acetate	6.994	43	92941	54.266	ug/l	97
38) Carbon Tetrachloride	7.829	117	202199	57.424	ug/l	98
39) Methylcyclohexane	9.115	83	211040	50.994	ug/l	# 85
40) Benzene	8.091	78	564030	56.742	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	60021	64.751	ug/l #	81
42) 1,2-Dichloroethane	8.164	62	160225	56.106	ug/l	94
43) Isopropyl Acetate	8.201	43	190539	54.551	ug/l #	77
44) Trichloroethene	8.871	130	128774	53.487	ug/l	86
45) 1,2-Dichloropropane	9.146	63	145854	58.622	ug/l	98
46) Dibromomethane	9.237	93	75044	55.206	ug/l	90
47) Bromodichloromethane	9.426	83	213312	59.120	ug/l #	99
48) Methyl methacrylate	9.225	41	87758	57.118	ug/l #	79
49) 1,4-Dioxane	9.237	88	15865	1042.772	ug/l #	82
51) 4-Methyl-2-Pentanone	10.005	43	517008	290.196	ug/l	88
52) Toluene	10.176	92	361431	58.250	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	185993	57.291	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	216901	56.622	ug/l #	83
55) 1,1,2-Trichloroethane	10.579	97	102661	57.322	ug/l	94
56) Ethyl methacrylate	10.444	69	143217	55.730	ug/l #	72
57) 1,3-Dichloropropane	10.719	76	180373	57.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	344949	288.337	ug/l	92
59) 2-Hexanone	10.768	43	380047	298.670	ug/l	86
60) Dibromochloromethane	10.914	129	131374	57.151	ug/l	99
61) 1,2-Dibromoethane	11.017	107	88152	54.469	ug/l	99
64) Tetrachloroethene	10.652	164	108872	51.265	ug/l	94
65) Chlorobenzene	11.444	112	386485	56.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	132456	57.328	ug/l	100
67) Ethyl Benzene	11.523	91	725459	58.480	ug/l	100
68) m/p-Xylenes	11.633	106	529250	115.518	ug/l	92
69) o-Xylene	11.956	106	254636	57.846	ug/l	93
70) Styrene	11.975	104	434060	58.446	ug/l	96
71) Bromoform	12.133	173	70493	56.992	ug/l #	95
73) Isopropylbenzene	12.261	105	712234	57.165	ug/l	97
74) N-amyl acetate	12.072	43	173487	52.573	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	125155	56.533	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	158990	54.791	ug/l #	100
77) Bromobenzene	12.535	156	138912	52.541	ug/l	82
78) n-propylbenzene	12.596	91	876003	58.188	ug/l	97
79) 2-Chlorotoluene	12.682	91	479863	55.599	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	564000	56.053	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	38807	53.981	ug/l #	84
82) 4-Chlorotoluene	12.779	91	491731	55.721	ug/l	94
83) tert-Butylbenzene	12.999	119	500024	55.473	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	552173	55.351	ug/l	98
85) sec-Butylbenzene	13.182	105	781384	58.020	ug/l	97
86) p-Isopropyltoluene	13.298	119	624312	57.088	ug/l	95
87) 1,3-Dichlorobenzene	13.291	146	292248	54.736	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	286010	54.527	ug/l	97
89) n-Butylbenzene	13.621	91	626694	58.688	ug/l	98
90) Hexachloroethane	13.883	117	123924	58.195	ug/l	85
91) 1,2-Dichlorobenzene	13.663	146	256423	54.658	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	18449	52.217	ug/l	75
93) 1,2,4-Trichlorobenzene	14.925	180	133684	50.819	ug/l	97
94) Hexachlorobutadiene	15.029	225	73708	50.398	ug/l	98
95) Naphthalene	15.151	128	253242	51.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	111645	50.206	ug/l	97

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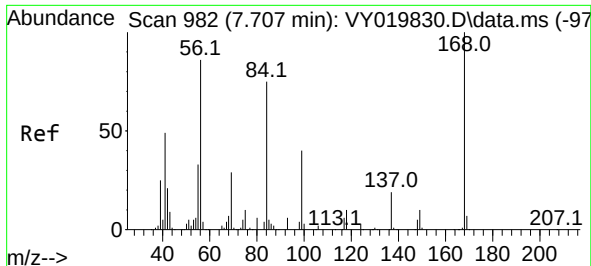
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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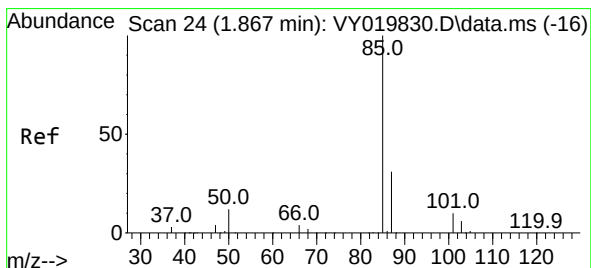
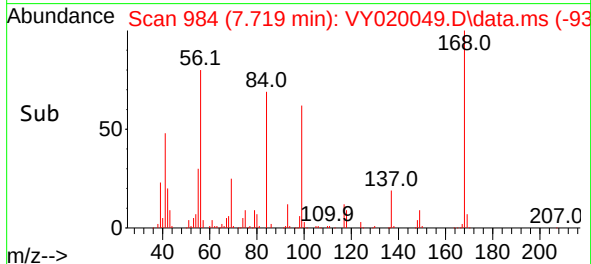
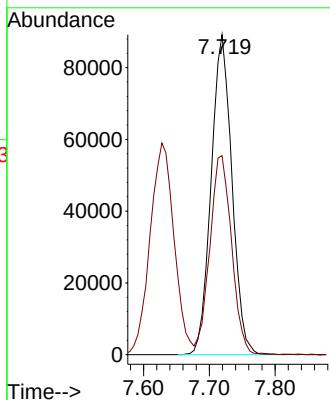
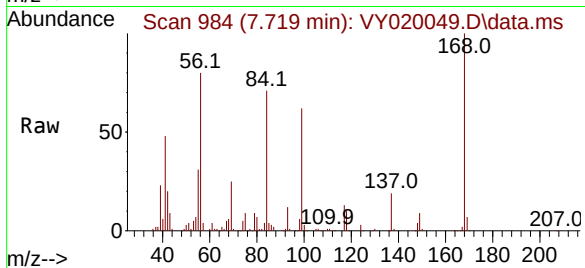




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020049.D
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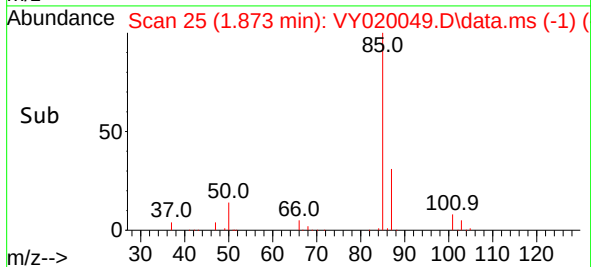
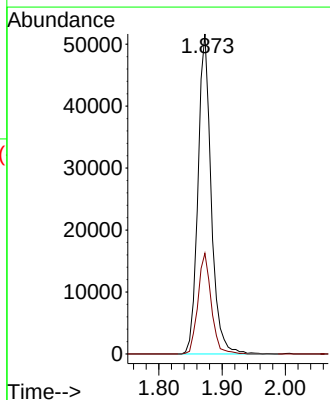
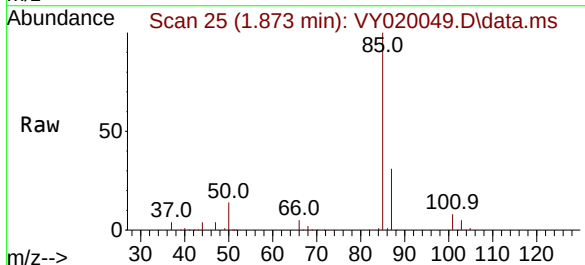
Instrument :
MSVOA_Y
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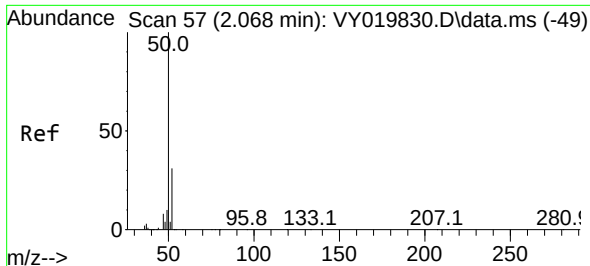
Tgt Ion:168 Resp: 196359
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 41.141 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 85 Resp: 75203
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0



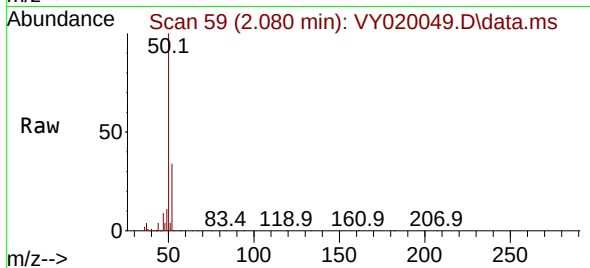


#3
Chloromethane
Concen: 48.912 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

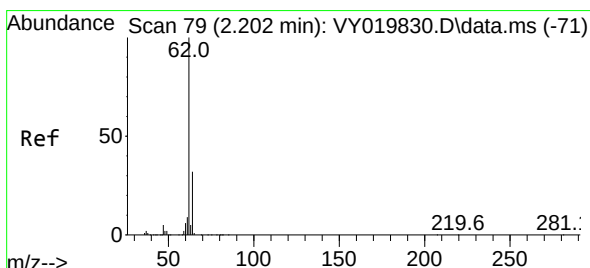
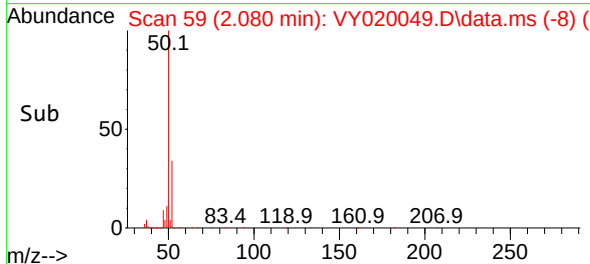
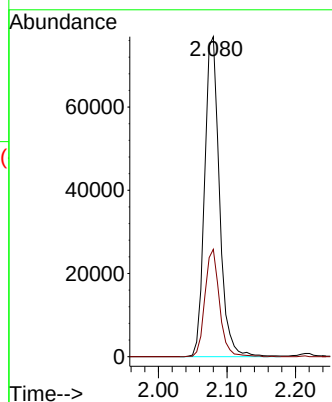
Instrument :

MSVOA_Y

ClientSampleId :

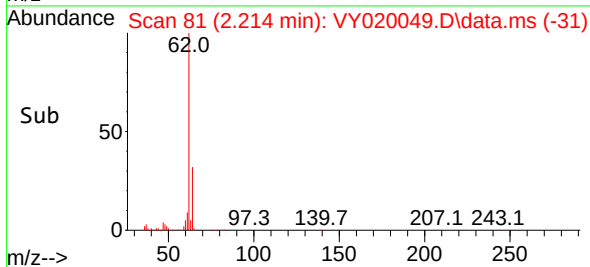
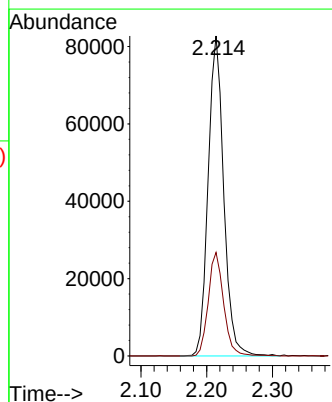
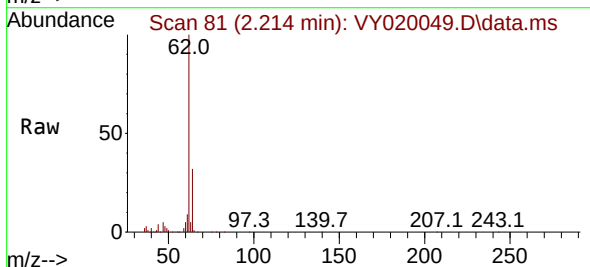


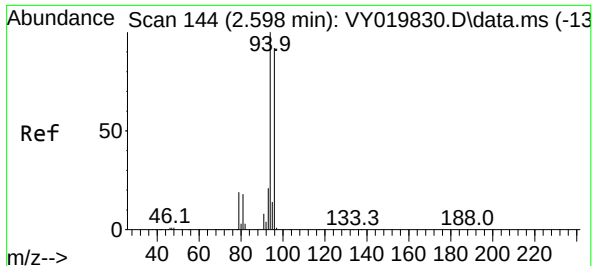
Tgt Ion: 50 Resp: 116367
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 52.074 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 62 Resp: 136332
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

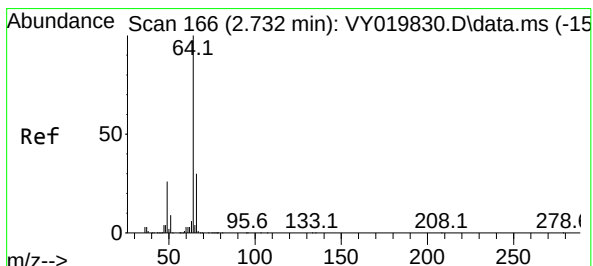
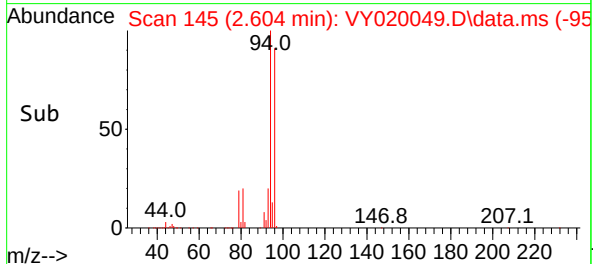
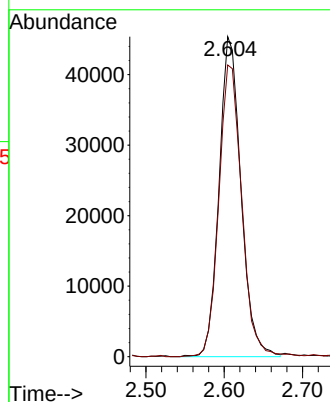
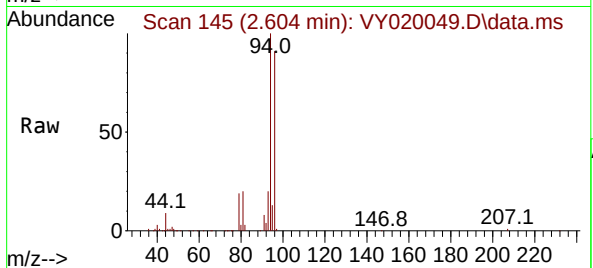




#5
Bromomethane
Concen: 53.269 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

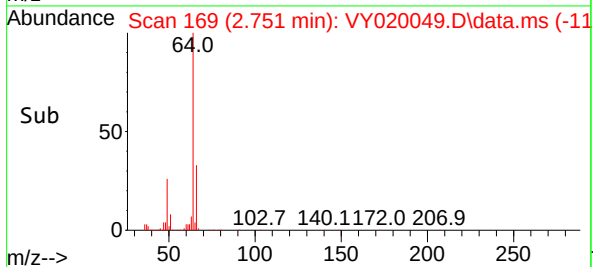
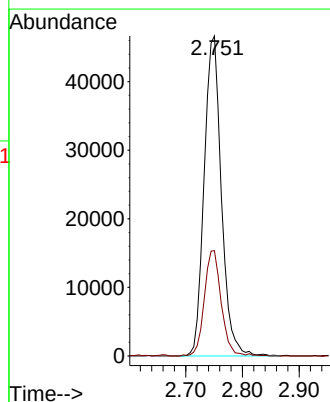
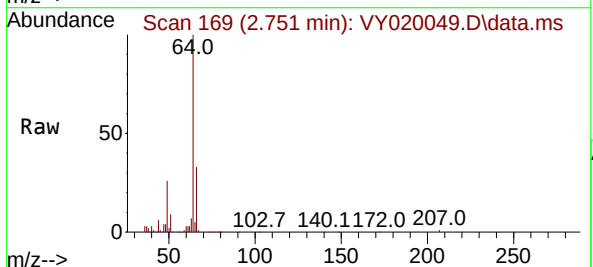
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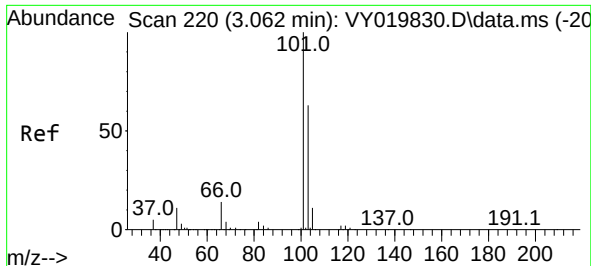
Tgt Ion: 94 Resp: 88273
Ion Ratio Lower Upper
94 100
96 91.2 74.1 111.1



#6
Chloroethane
Concen: 55.956 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 64 Resp: 98416
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1

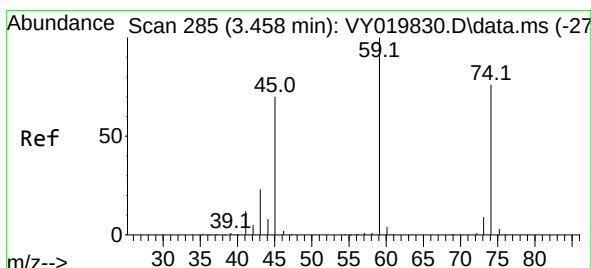
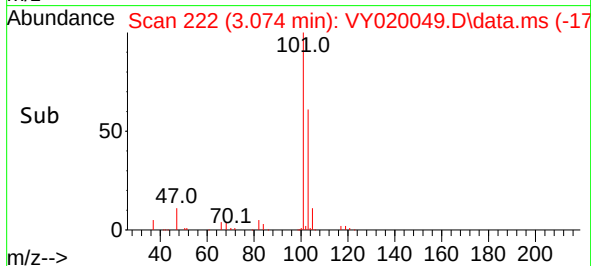
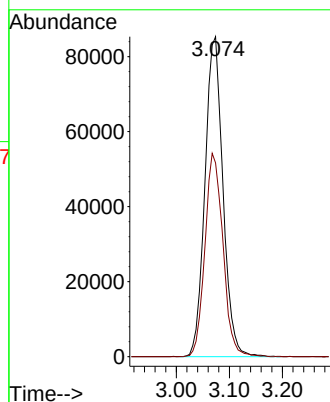
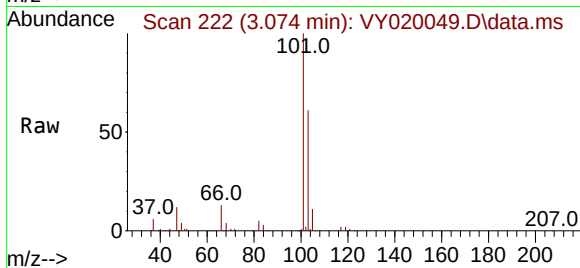




#7
 Trichlorofluoromethane
 Concen: 51.668 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY020049.D
 Acq: 29 Oct 2024 09:31

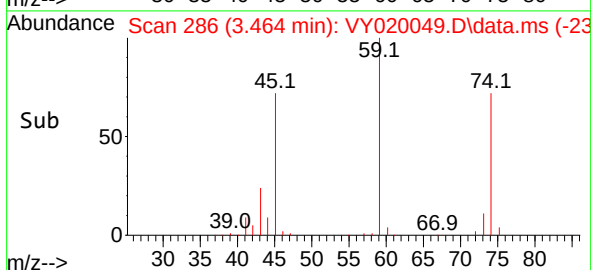
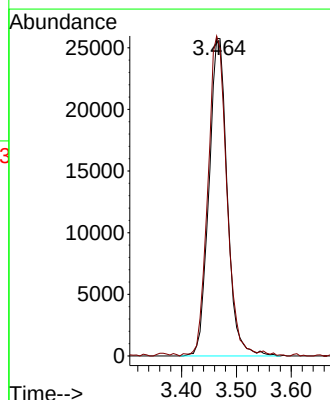
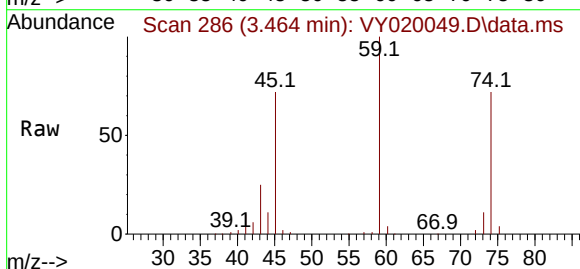
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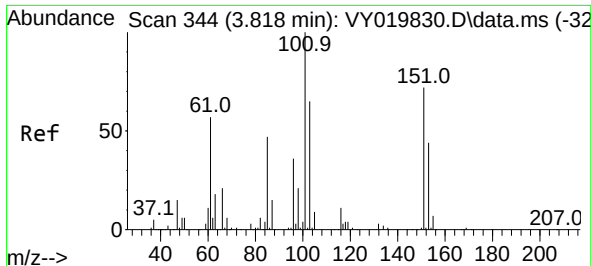
Tgt Ion:101 Resp: 201278
 Ion Ratio Lower Upper
 101 100
 103 60.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.366 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY020049.D
 Acq: 29 Oct 2024 09:31

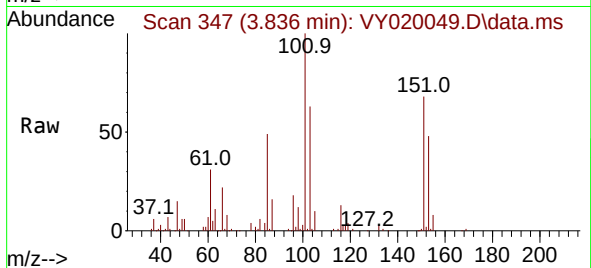
Tgt Ion: 74 Resp: 59632
 Ion Ratio Lower Upper
 74 100
 45 104.1 41.3 124.1



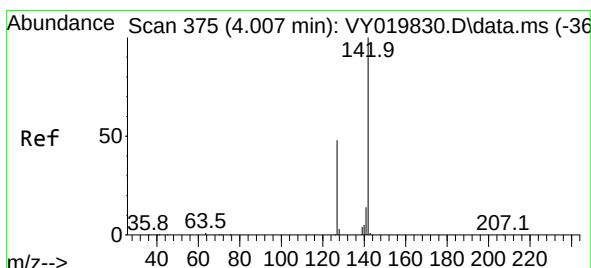
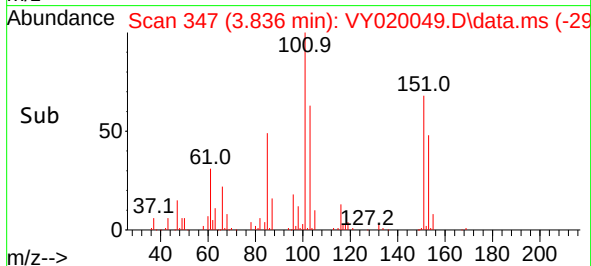
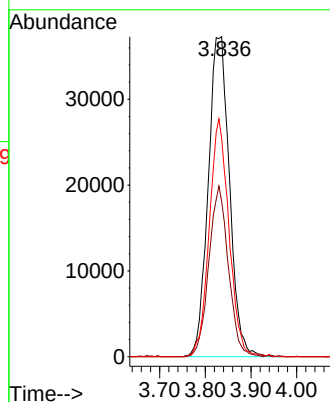


#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.220 ug/l
RT: 3.836 min Scan# 344
Delta R.T. 0.025 min
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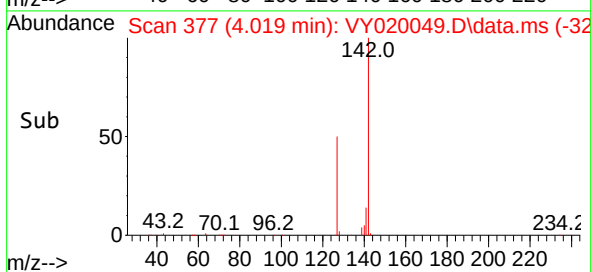
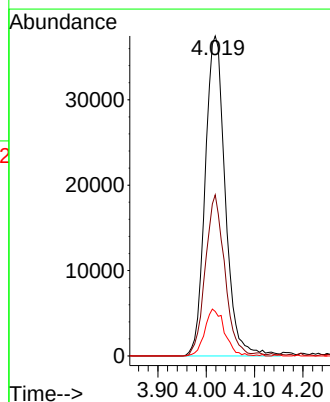
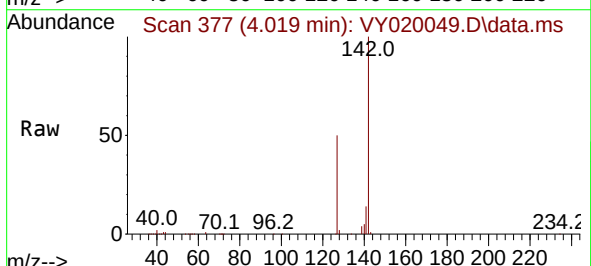


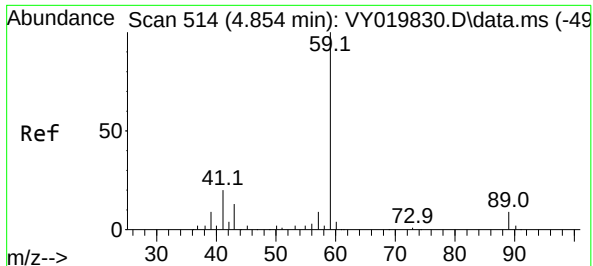
Tgt Ion:101 Resp: 120594
Ion Ratio Lower Upper
101 100
85 48.9 34.5 51.7
151 69.0 61.7 92.5



#10
Methyl Iodide
Concen: 47.219 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion:142 Resp: 108215
Ion Ratio Lower Upper
142 100
127 48.6 32.8 49.2
141 14.4 11.4 17.2

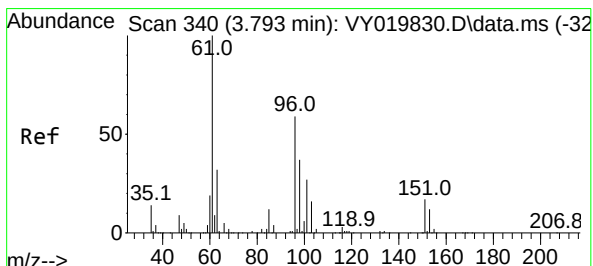
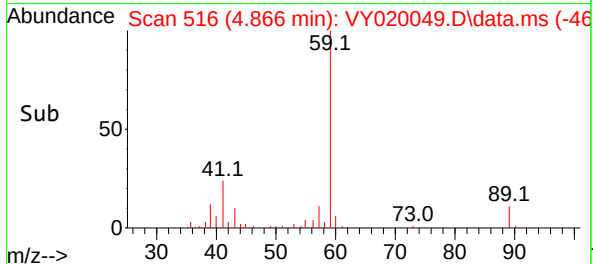
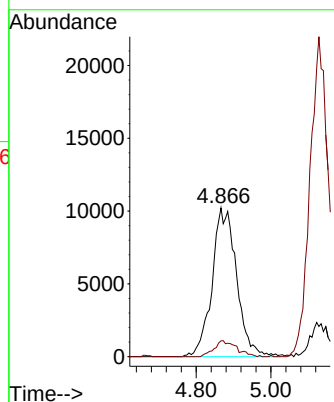
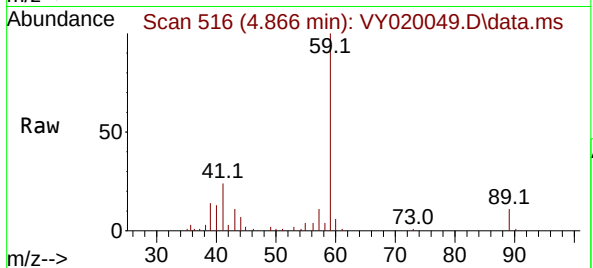




#11
Tert butyl alcohol
Concen: 237.055 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

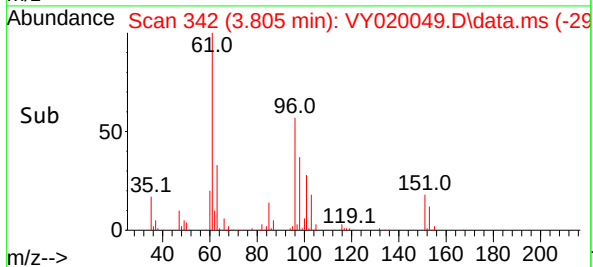
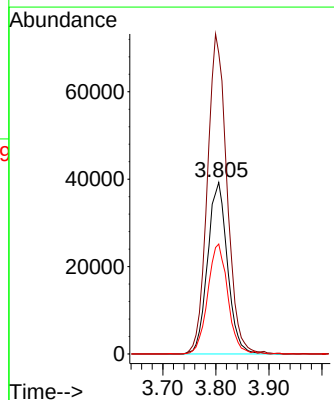
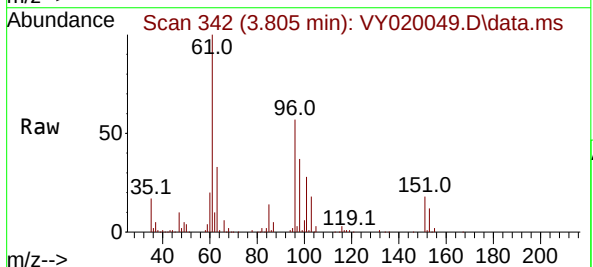
Instrument :
MSVOA_Y
ClientSampleId :

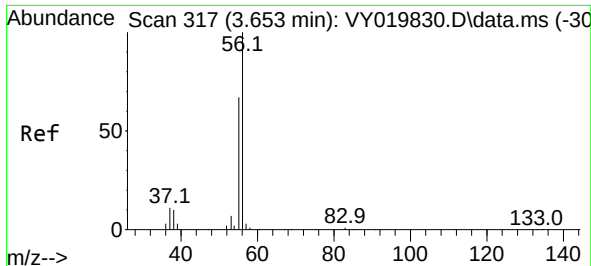
Tgt Ion: 59 Resp: 46612
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.422 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 96 Resp: 102003
Ion Ratio Lower Upper
96 100
61 175.3 114.6 171.8#
98 64.0 50.8 76.2

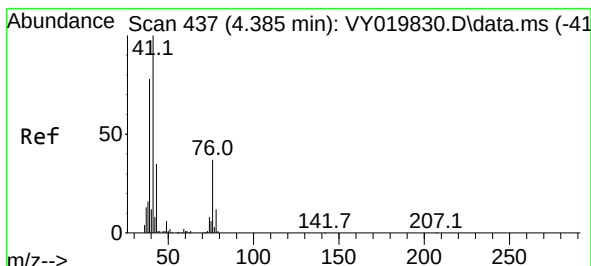
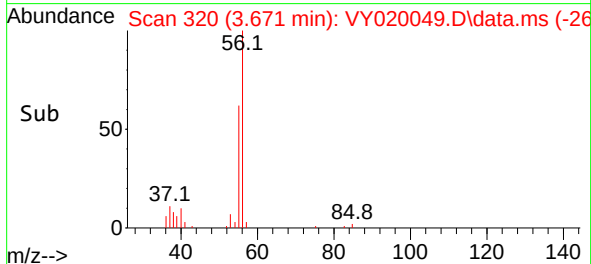
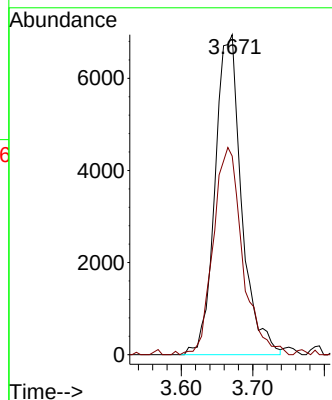
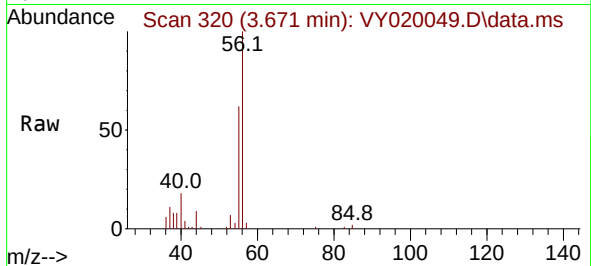




#13
Acrolein
Concen: 100.661 ug/l
RT: 3.671 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

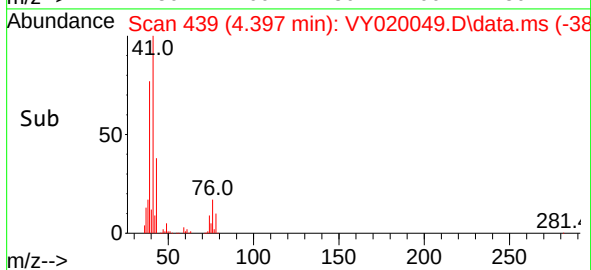
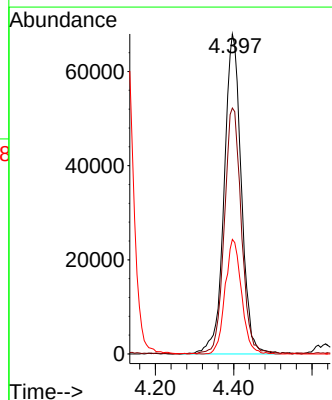
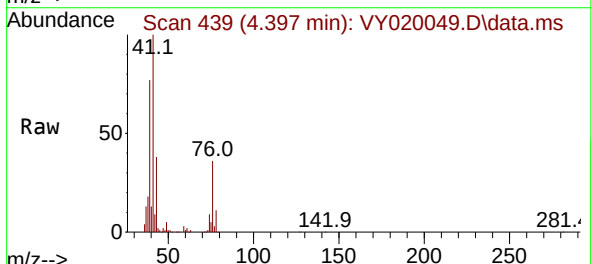
Instrument :
MSVOA_Y
ClientSampleId :

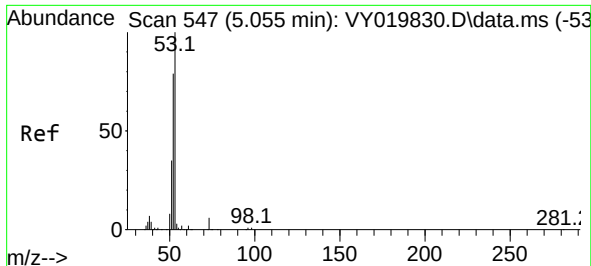
Tgt Ion: 56 Resp: 17883
Ion Ratio Lower Upper
56 100
55 71.4 55.7 83.5



#14
Allyl chloride
Concen: 54.560 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 41 Resp: 207375
Ion Ratio Lower Upper
41 100
39 75.9 58.3 87.5
76 34.1 39.0 58.6#

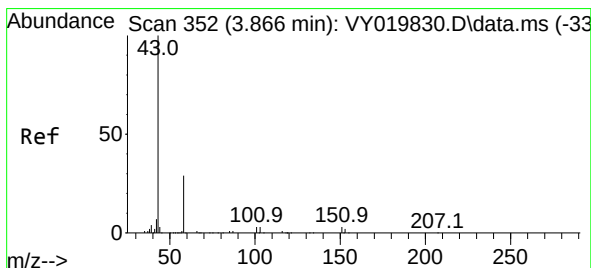
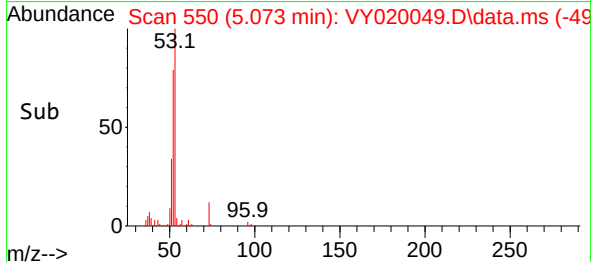
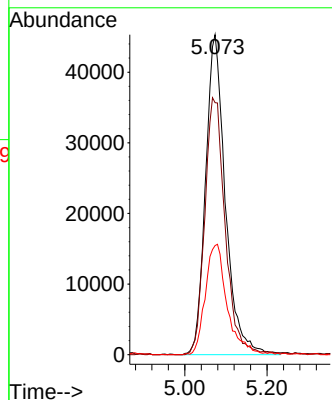
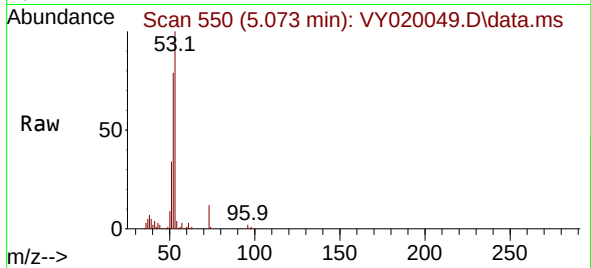




#15
Acrylonitrile
Concen: 279.782 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

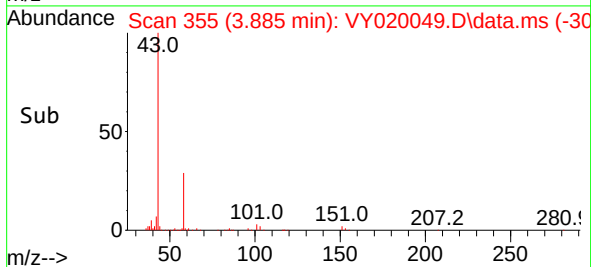
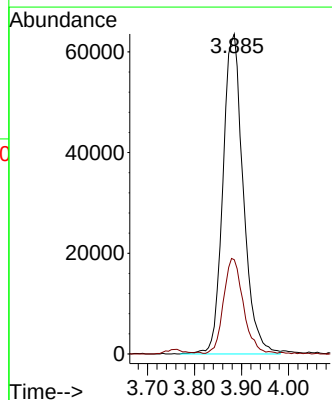
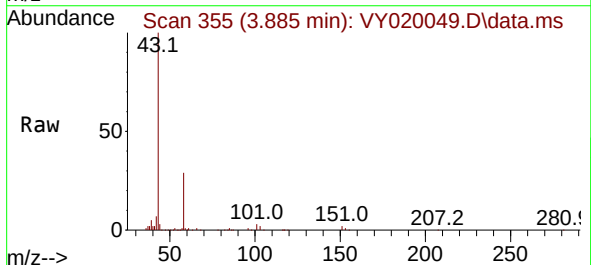
Instrument :
MSVOA_Y
ClientSampleId :

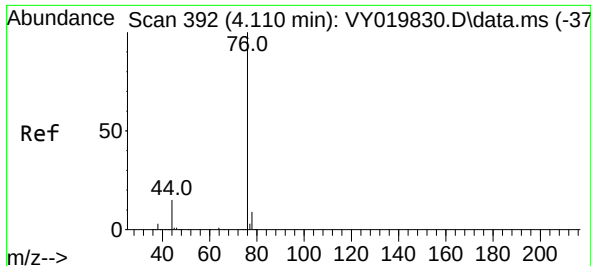
Tgt Ion: 53 Resp: 151512
Ion Ratio Lower Upper
53 100
52 82.3 64.7 97.1
51 37.9 28.4 42.6



#16
Acetone
Concen: 304.268 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 43 Resp: 191501
Ion Ratio Lower Upper
43 100
58 29.0 31.7 47.5#

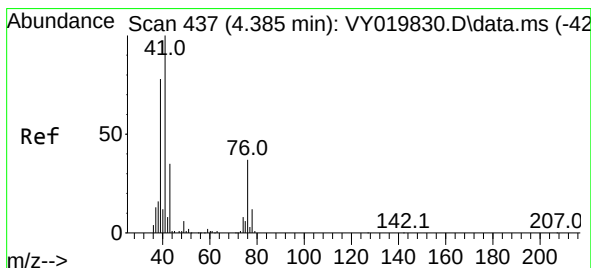
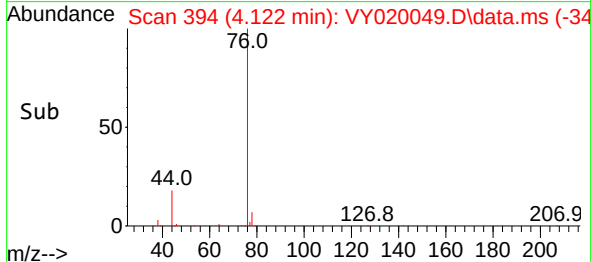
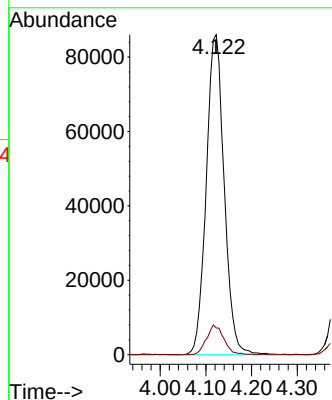
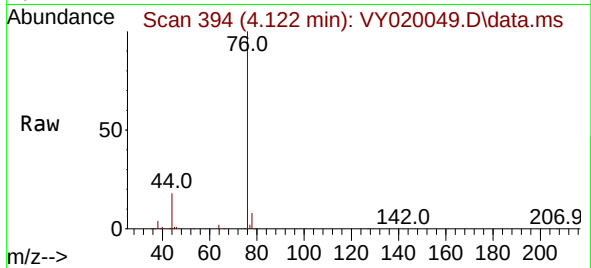




#17
Carbon Disulfide
Concen: 41.520 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.018 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

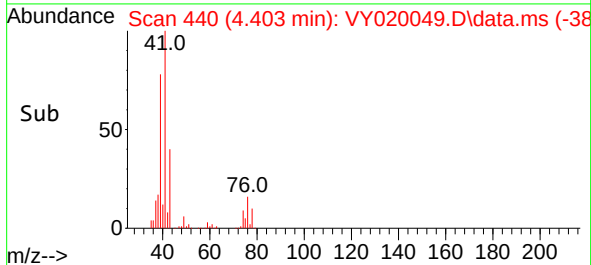
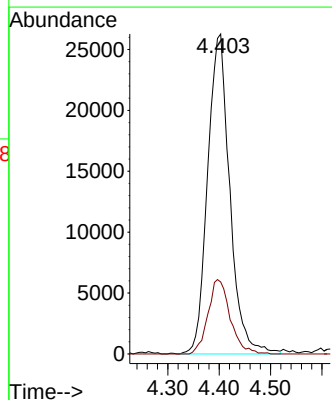
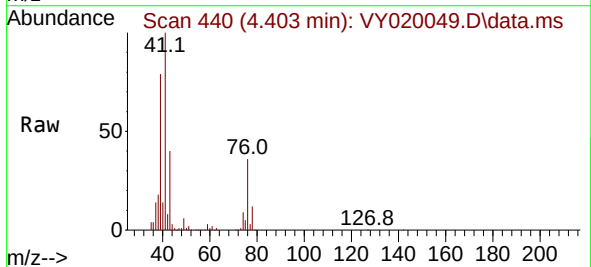
Instrument :
MSVOA_Y
ClientSampleId :

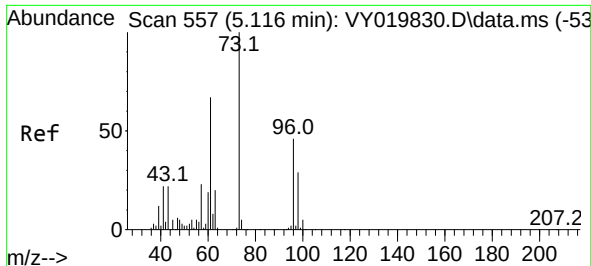
Tgt Ion: 76 Resp: 234437
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 57.939 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 43 Resp: 78553
Ion Ratio Lower Upper
43 100
74 23.3 23.3 34.9

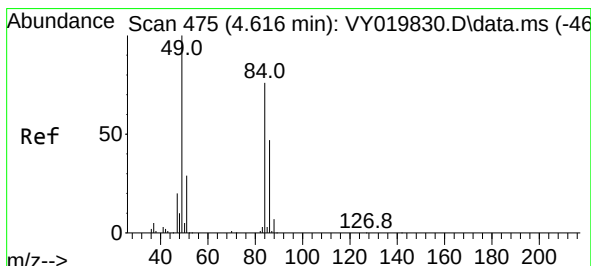
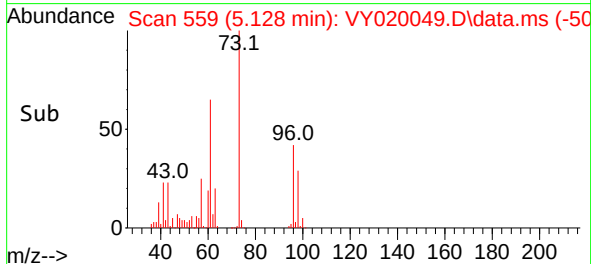
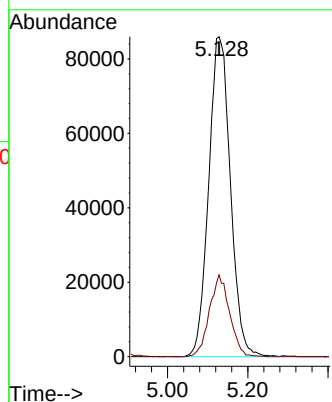
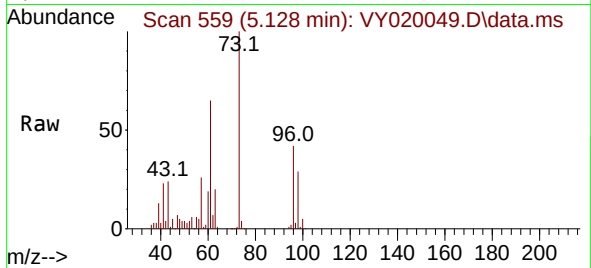




#19
Methyl tert-butyl Ether
Concen: 53.433 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

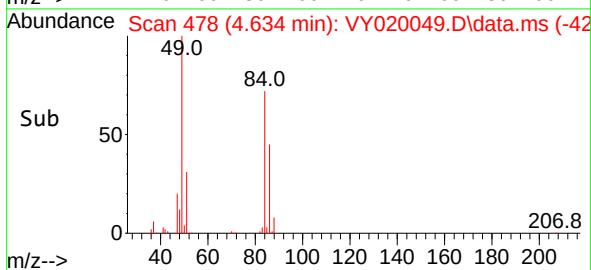
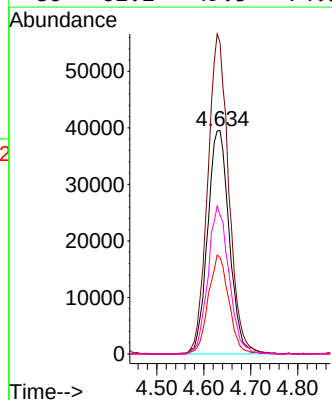
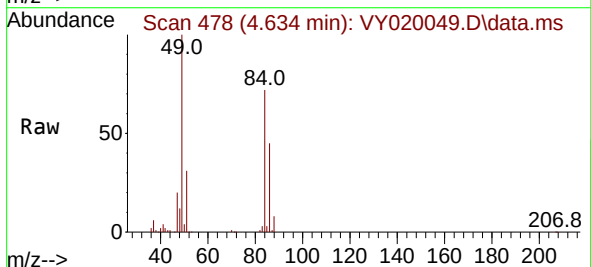
Instrument :
MSVOA_Y
ClientSampleId :

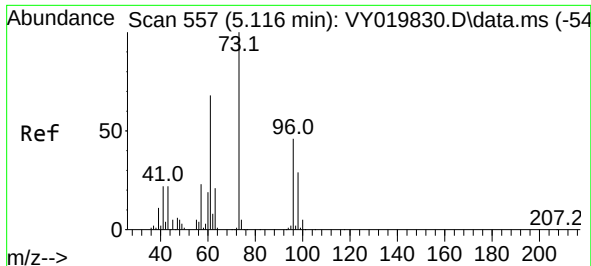
Tgt Ion: 73 Resp: 323372
Ion Ratio Lower Upper
73 100
57 25.6 17.3 25.9



#20
Methylene Chloride
Concen: 54.559 ug/l
RT: 4.634 min Scan# 478
Delta R.T. 0.018 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 84 Resp: 126707
Ion Ratio Lower Upper
84 100
49 139.3 84.4 126.6#
51 43.2 26.0 39.0#
86 62.2 49.5 74.3

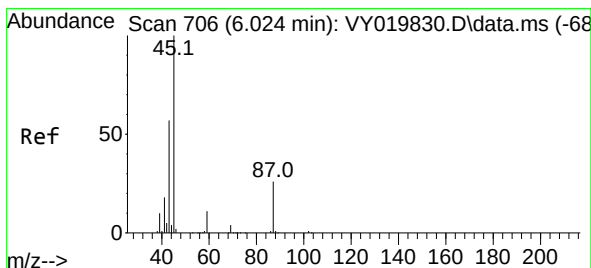
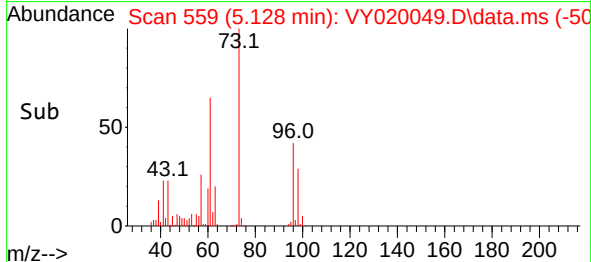
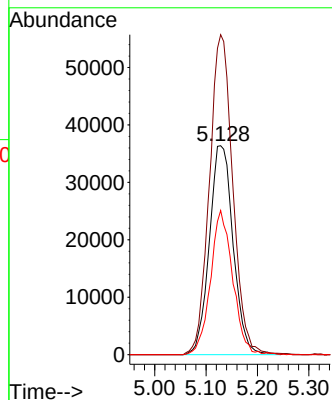
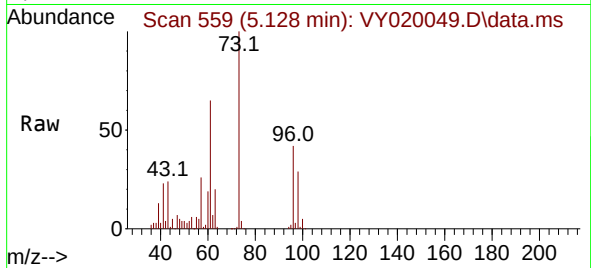




#21
trans-1,2-Dichloroethene
Concen: 51.114 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

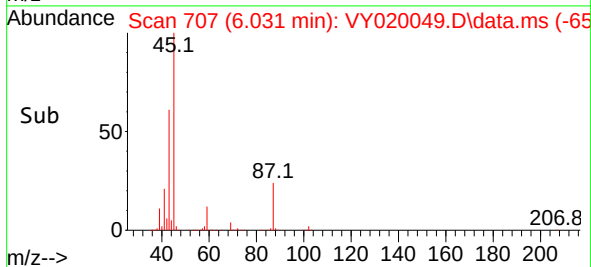
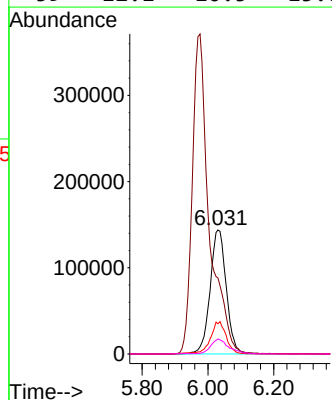
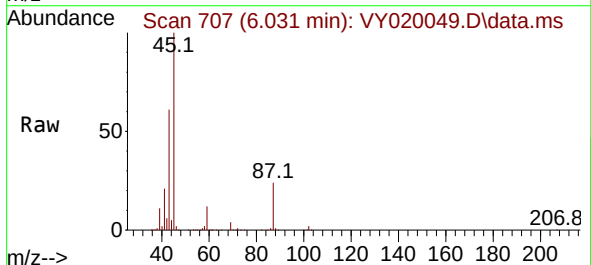
Instrument :
MSVOA_Y
ClientSampleId :

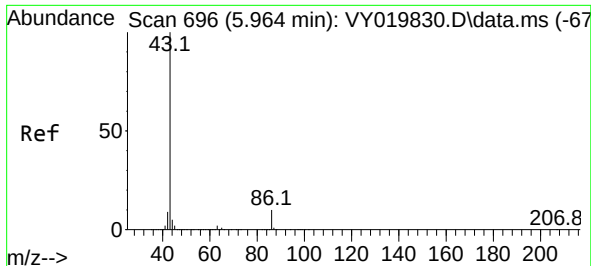
Tgt Ion: 96 Resp: 117189
Ion Ratio Lower Upper
96 100
61 153.1 97.5 146.3#
98 69.0 50.5 75.7



#22
Diisopropyl ether
Concen: 59.436 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 45 Resp: 492070
Ion Ratio Lower Upper
45 100
43 61.0 42.2 63.2
87 24.4 25.0 37.6#
59 12.1 10.5 15.7

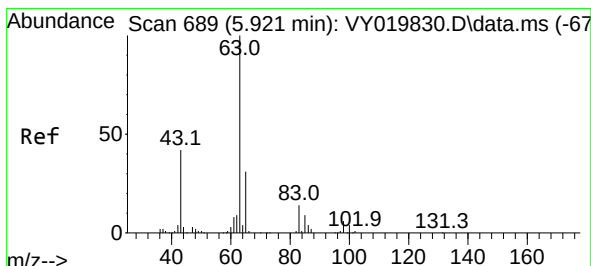
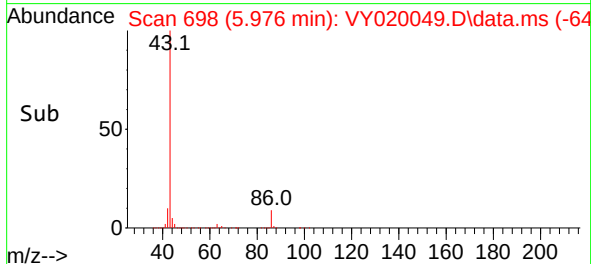
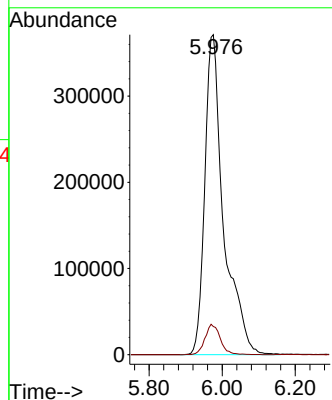
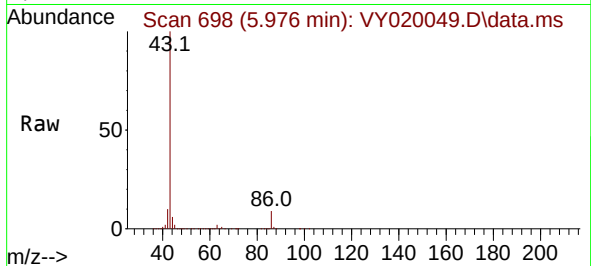




#23
 Vinyl Acetate
 Concen: 279.455 ug/l
 RT: 5.976 min Scan# 696
 Delta R.T. 0.018 min
 Lab File: VY020049.D
 Acq: 29 Oct 2024 09:31

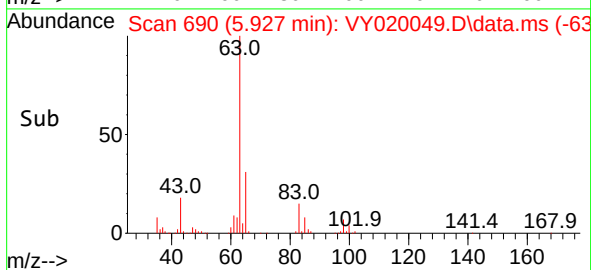
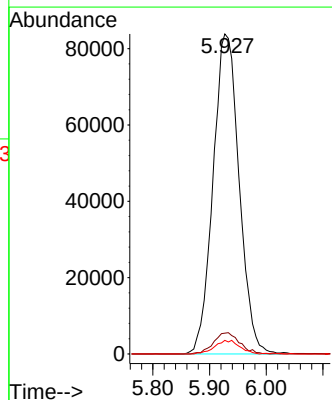
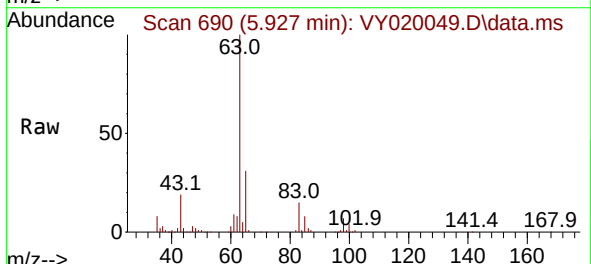
Instrument :
 MSVOA_Y
 ClientSampleId :

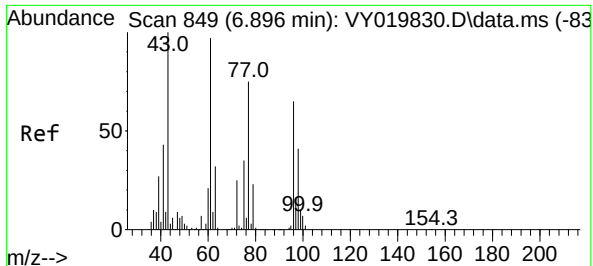
Tgt Ion: 43 Resp: 1326335
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 58.244 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY020049.D
 Acq: 29 Oct 2024 09:31

Tgt Ion: 63 Resp: 268044
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 4.2 2.6 8.0





#25

2-Butanone

Concen: 286.924 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

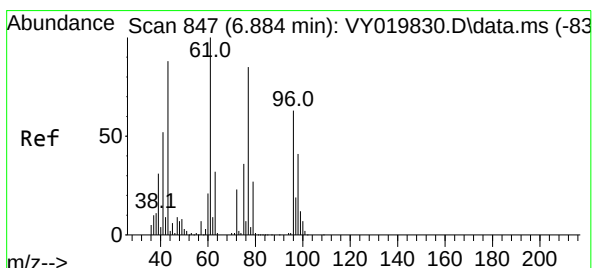
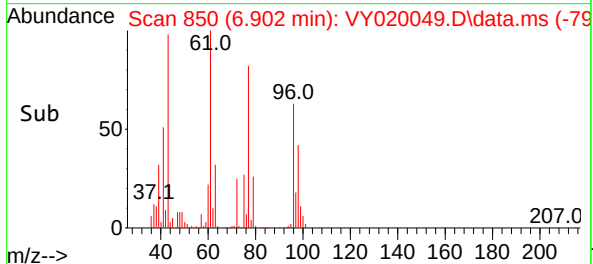
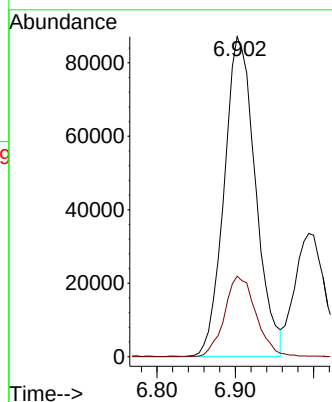
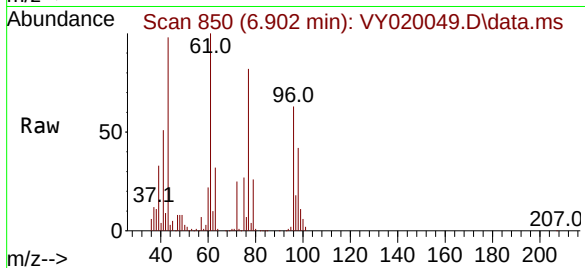
ClientSampleId :

Tgt Ion: 43 Resp: 241718

Ion Ratio Lower Upper

43 100

72 25.2 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 56.413 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020049.D

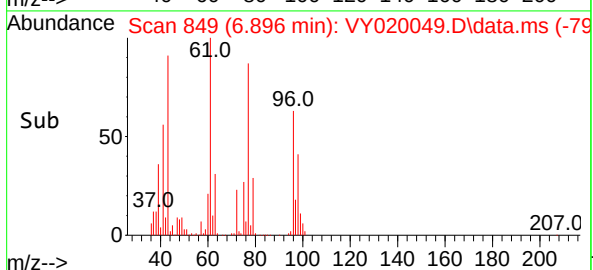
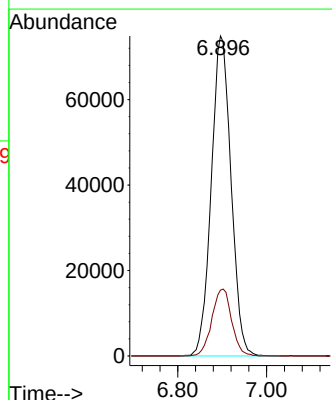
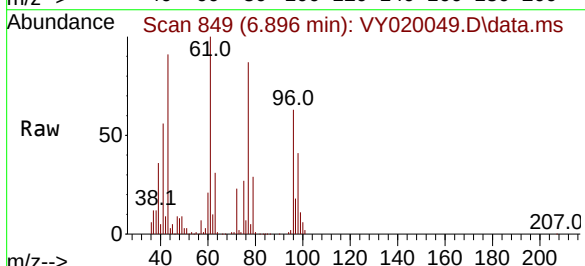
Acq: 29 Oct 2024 09:31

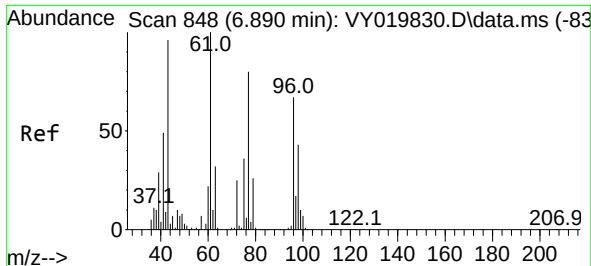
Tgt Ion: 77 Resp: 231206

Ion Ratio Lower Upper

77 100

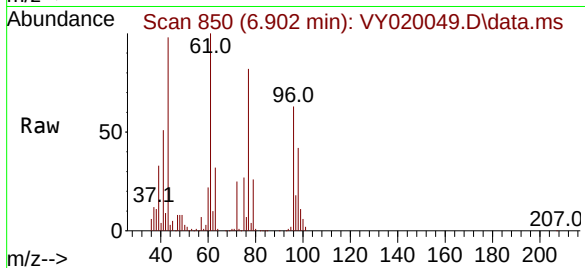
97 20.9 12.0 36.1



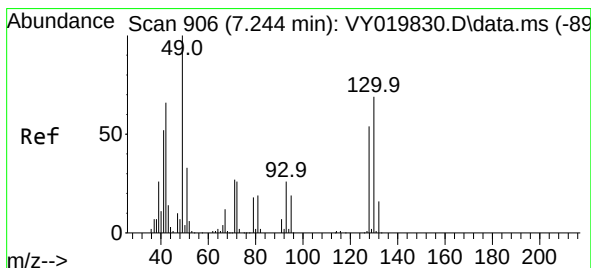
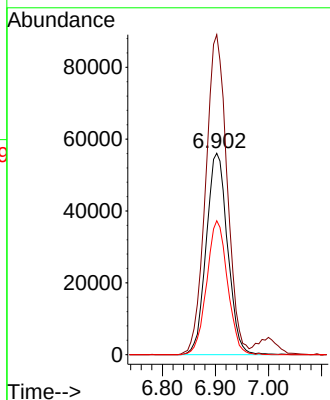
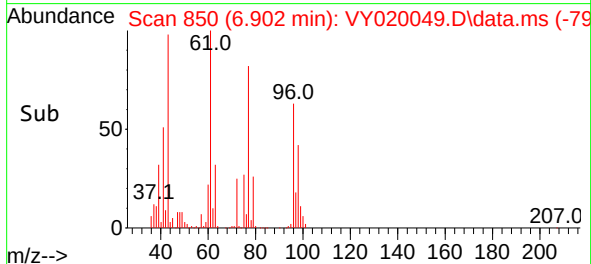


#27
 cis-1,2-Dichloroethene
 Concen: 55.421 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY020049.D
 Acq: 29 Oct 2024 09:31

Instrument :
 MSVOA_Y
 ClientSampleId :

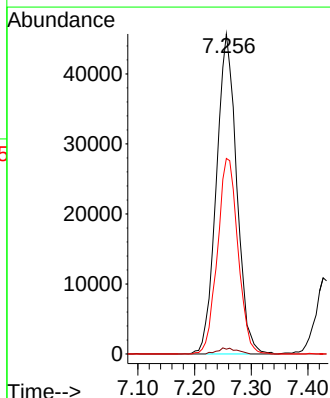
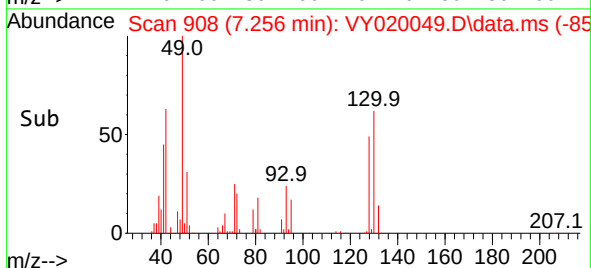
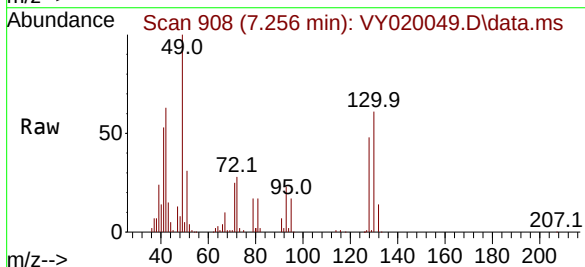


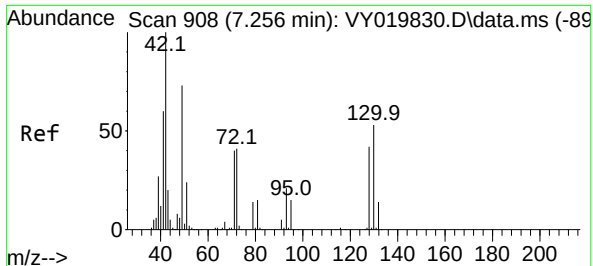
Tgt Ion: 96 Resp: 157026
 Ion Ratio Lower Upper
 96 100
 61 159.2 0.0 256.2
 98 64.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 56.097 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY020049.D
 Acq: 29 Oct 2024 09:31

Tgt Ion: 49 Resp: 113629
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 61.8 72.7 109.1#





#29

Tetrahydrofuran

Concen: 275.004 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

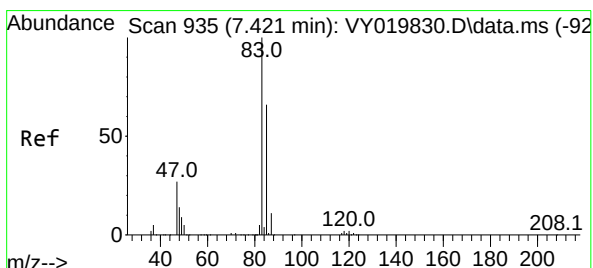
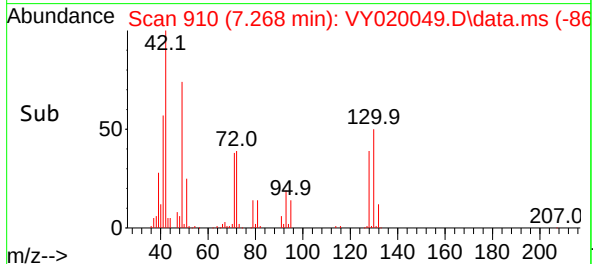
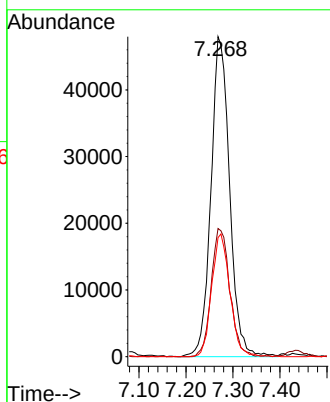
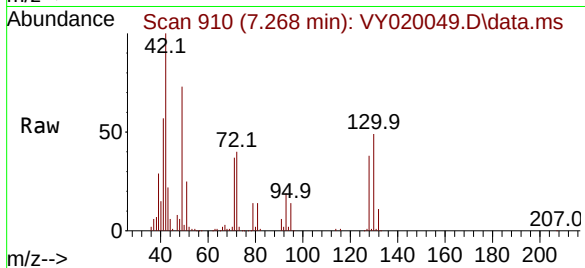
Tgt Ion: 42 Resp: 132282

Ion Ratio Lower Upper

42 100

72 40.1 43.0 64.4#

71 37.4 40.8 61.2#



#30

Chloroform

Concen: 58.810 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020049.D

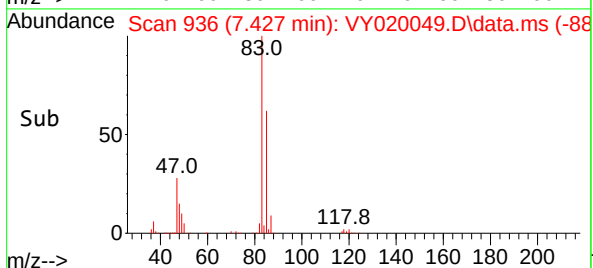
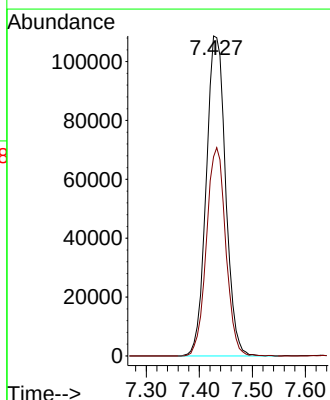
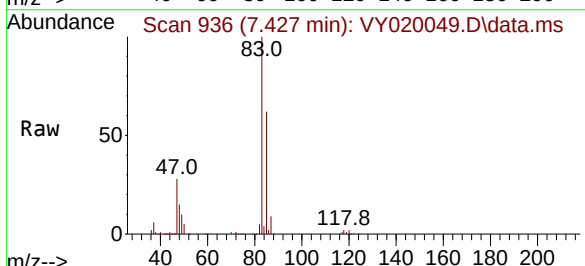
Acq: 29 Oct 2024 09:31

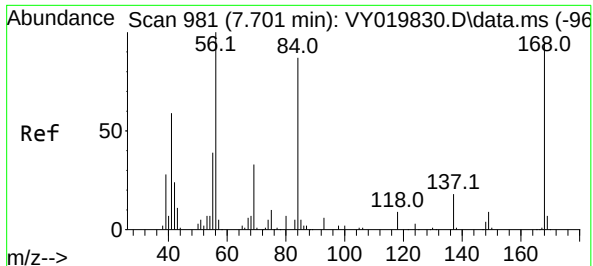
Tgt Ion: 83 Resp: 275893

Ion Ratio Lower Upper

83 100

85 62.2 52.2 78.4

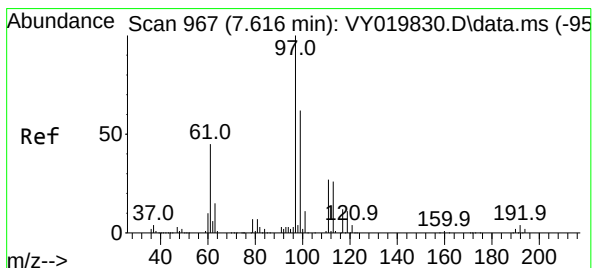
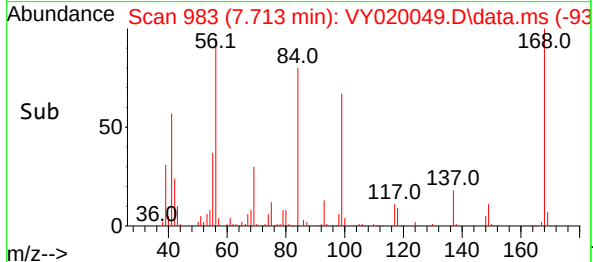
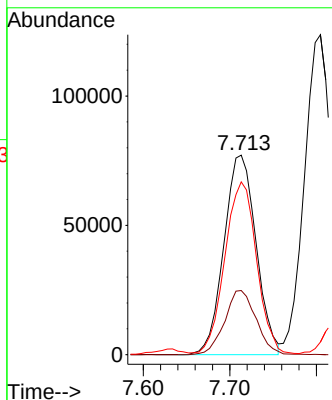
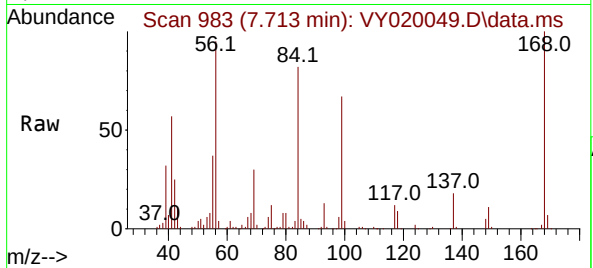




#31
Cyclohexane
Concen: 49.253 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

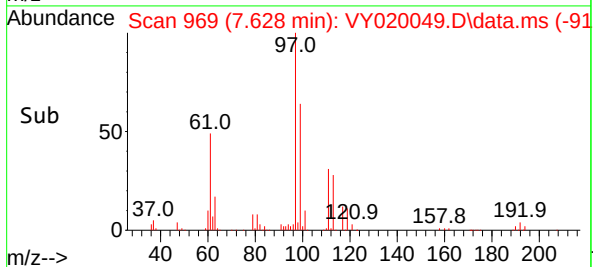
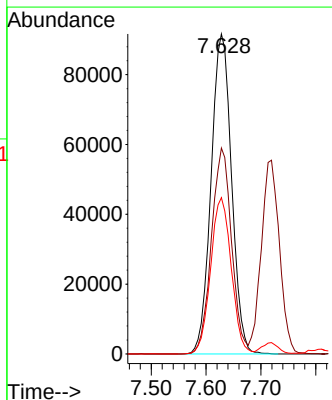
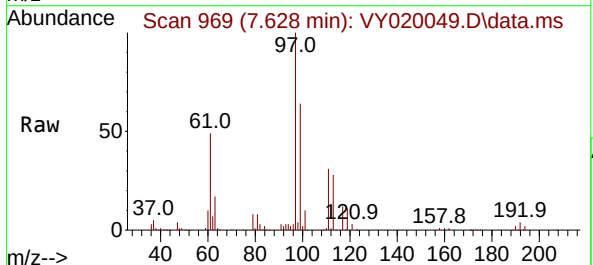
Instrument :
MSVOA_Y
ClientSampleId :

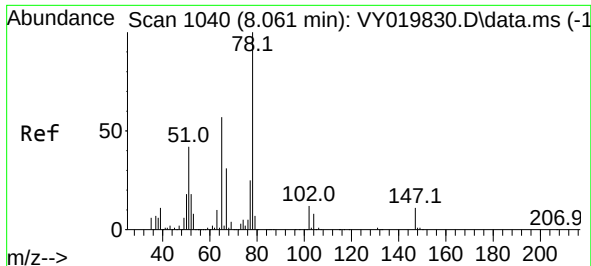
Tgt Ion: 56 Resp: 198971
Ion Ratio Lower Upper
56 100
69 32.1 28.7 43.1
84 84.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 57.814 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 97 Resp: 237689
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 49.4 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 48.571 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

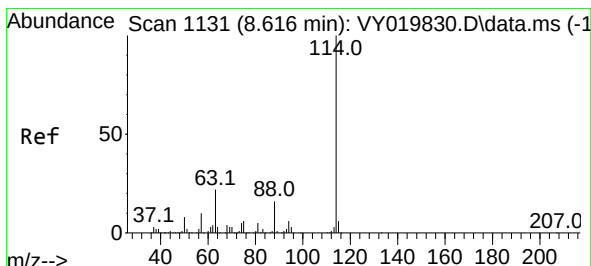
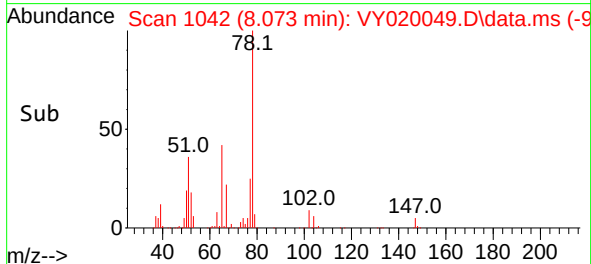
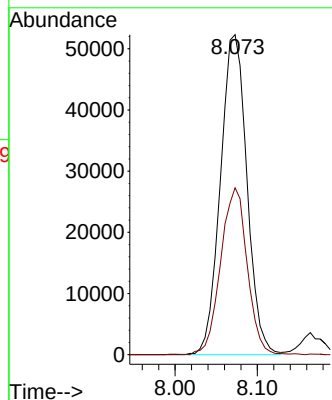
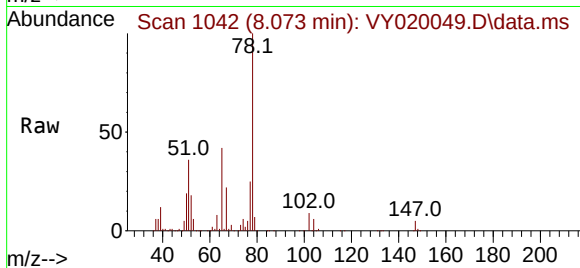
ClientSampleId :

Tgt Ion: 65 Resp: 117432

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

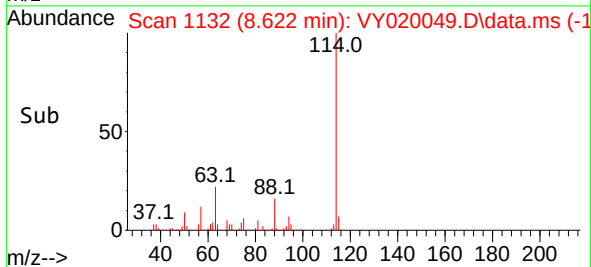
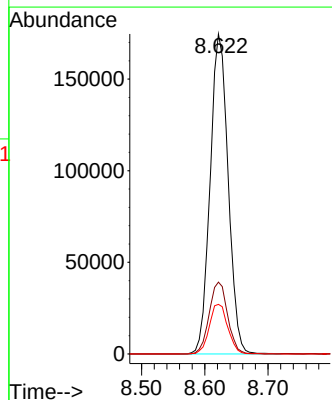
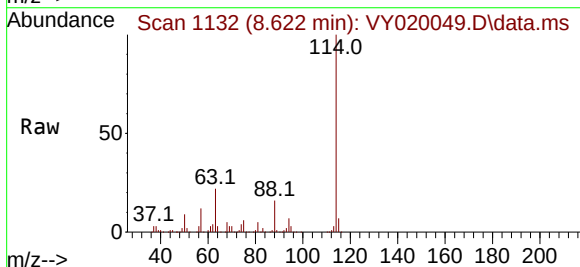
Tgt Ion: 114 Resp: 345491

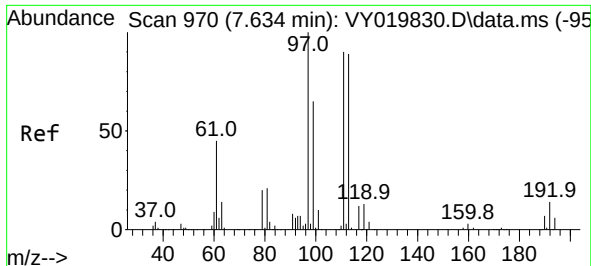
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.5 0.0 27.2

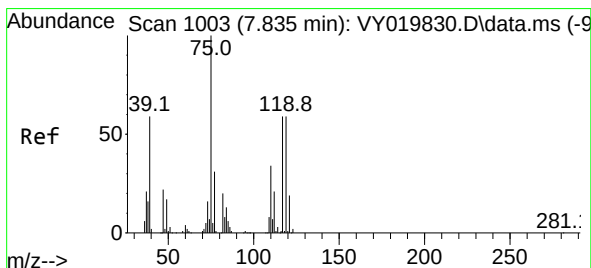
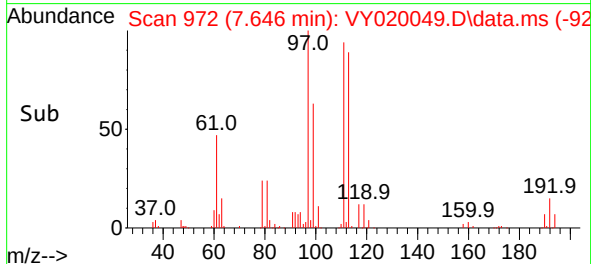
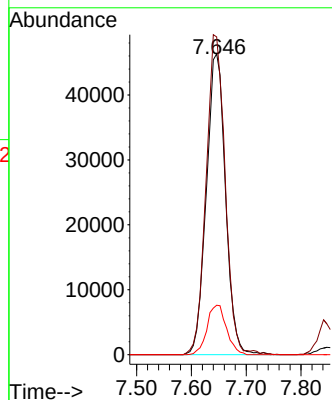
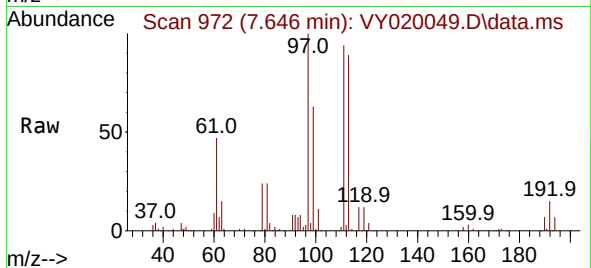




#35
Dibromofluoromethane
Concen: 49.267 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

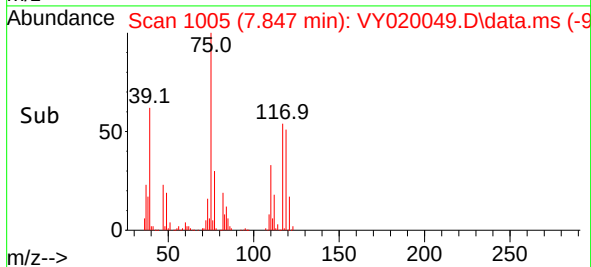
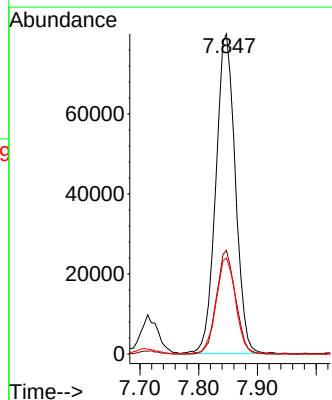
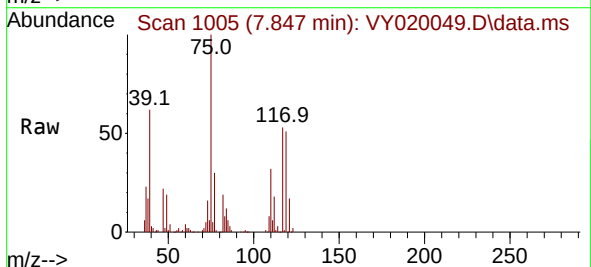
Instrument :
MSVOA_Y
ClientSampleId :

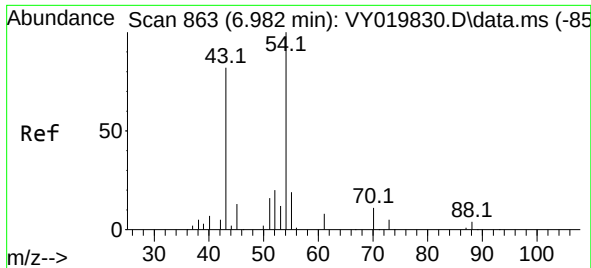
Tgt Ion:113 Resp: 112322
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.4
192 16.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 56.063 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 75 Resp: 184141
Ion Ratio Lower Upper
75 100
110 31.7 19.0 57.0
77 30.3 25.3 37.9

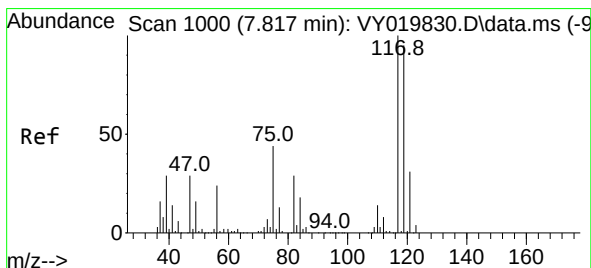
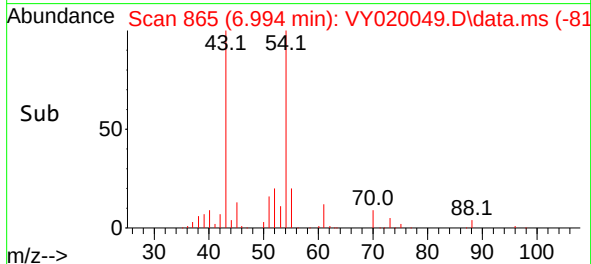
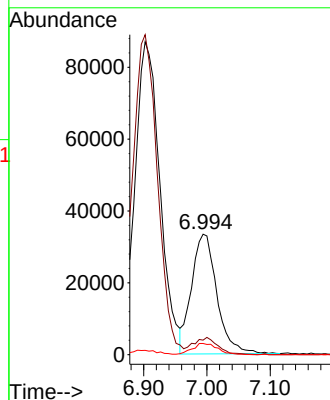
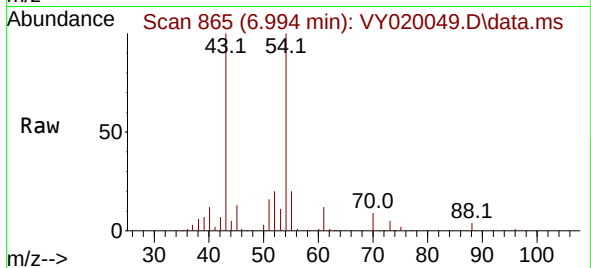




#37
Ethyl Acetate
Concen: 54.266 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

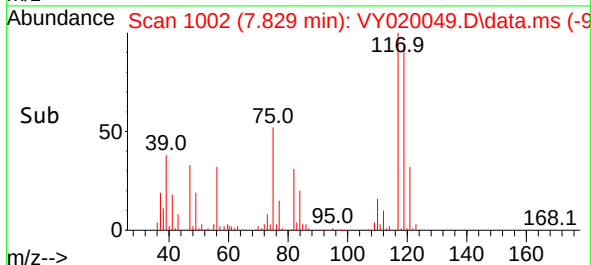
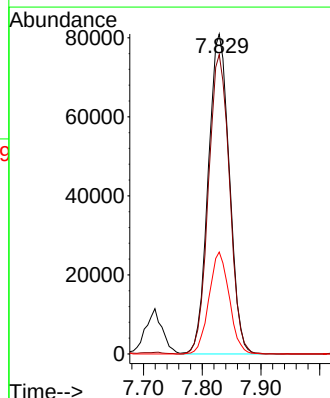
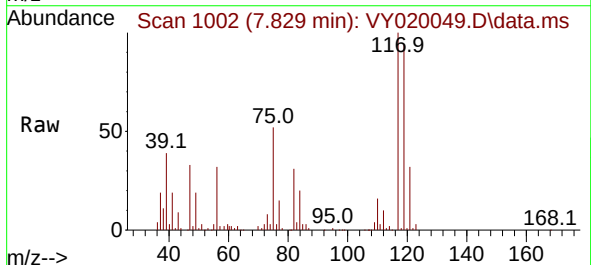
Instrument :
MSVOA_Y
ClientSampleId :

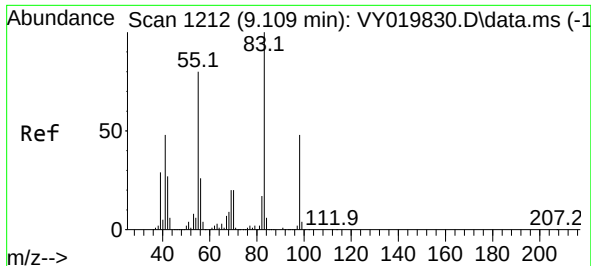
Tgt Ion: 43 Resp: 92941
Ion Ratio Lower Upper
43 100
61 14.0 12.6 19.0
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 57.424 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 117 Resp: 202199
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.6
121 31.8 24.0 36.0





#39

Methylcyclohexane

Concen: 50.994 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.006 min

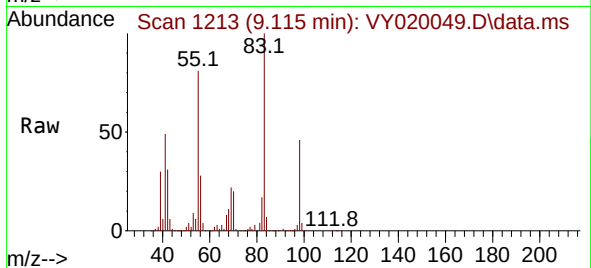
Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :



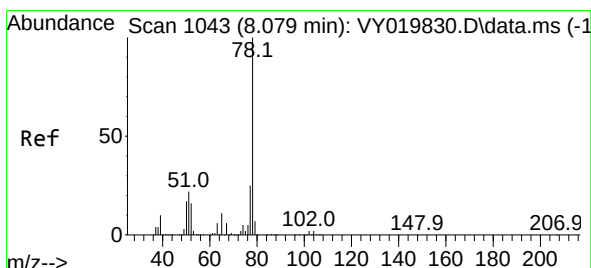
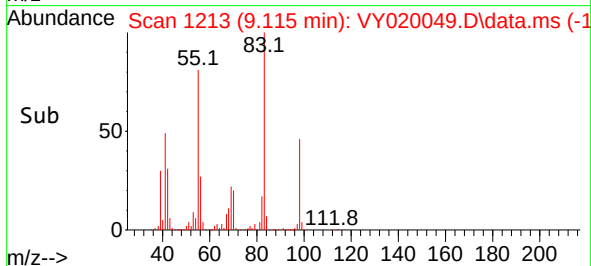
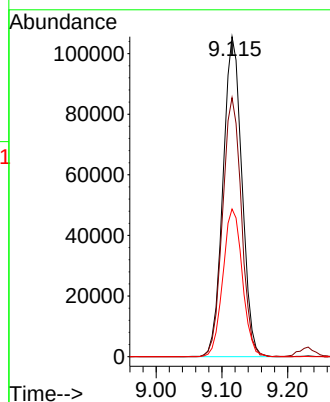
Tgt Ion: 83 Resp: 211040

Ion Ratio Lower Upper

83 100

55 80.9 51.5 77.3#

98 46.1 40.5 60.7



#40

Benzene

Concen: 56.742 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY020049.D

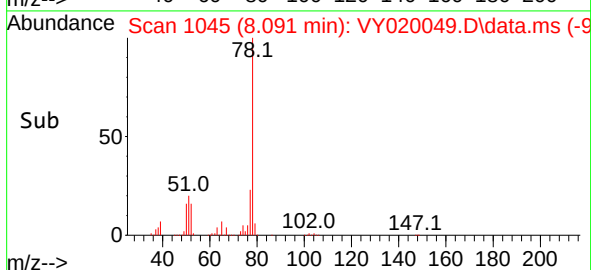
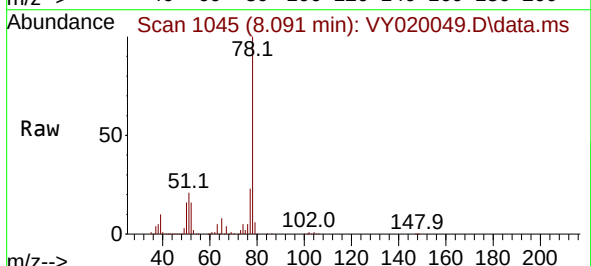
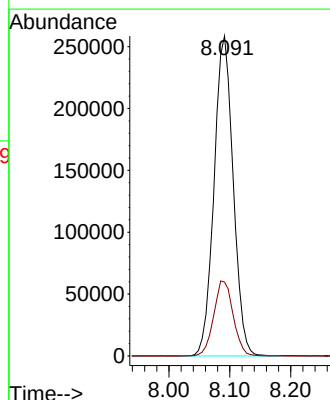
Acq: 29 Oct 2024 09:31

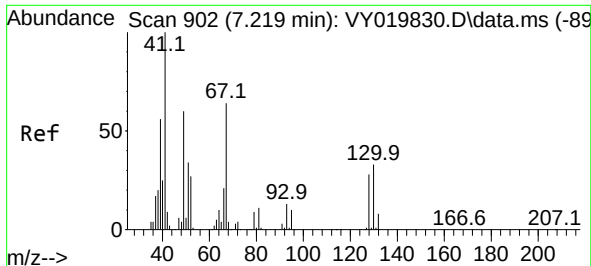
Tgt Ion: 78 Resp: 564030

Ion Ratio Lower Upper

78 100

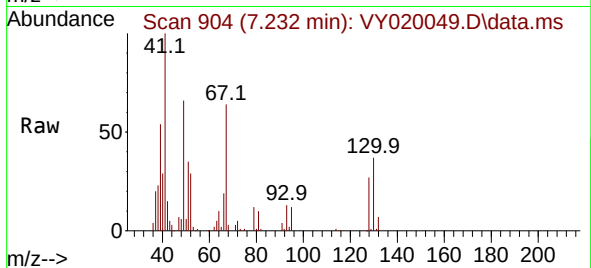
77 23.1 19.5 29.3



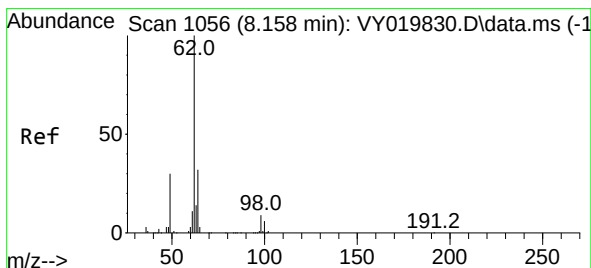
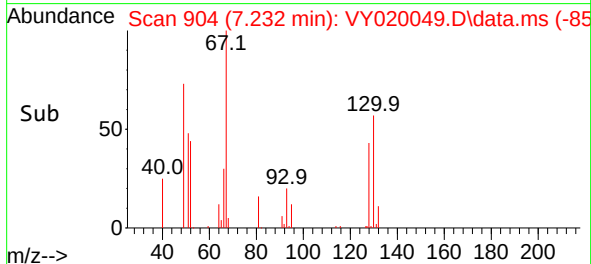
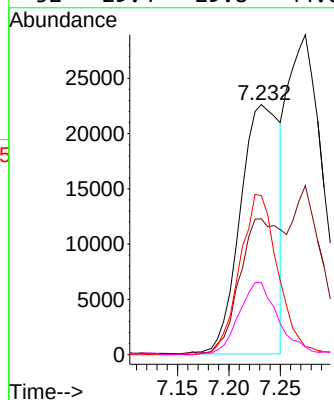


#41
Methacrylonitrile
Concen: 64.751 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Instrument :
MSVOA_Y
ClientSampleId :

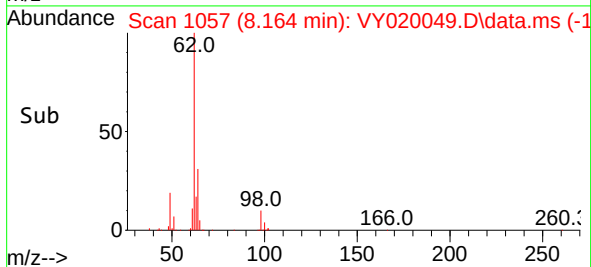
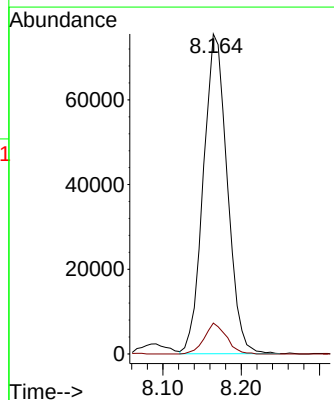
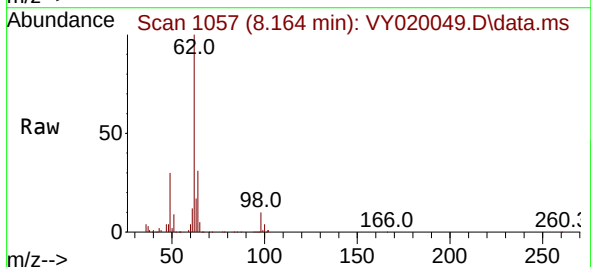


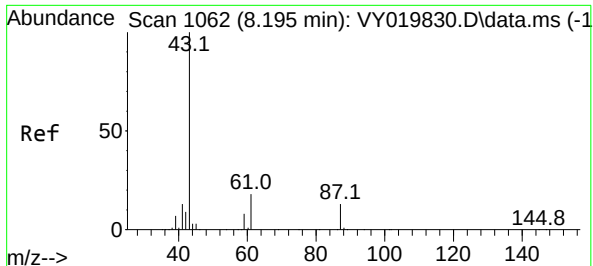
Tgt Ion:	41	Resp:	60021
Ion	Ratio	Lower	Upper
41	100		
39	60.9	48.0	72.0
67	62.9	75.1	112.7#
52	29.4	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 56.106 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion:	62	Resp:	160225
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	22.0

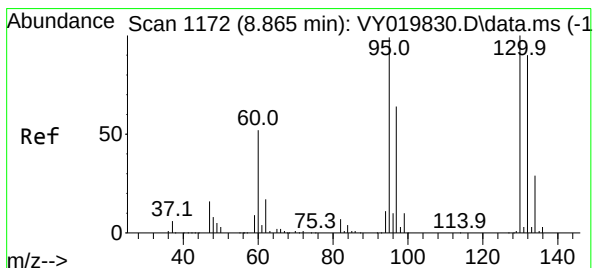
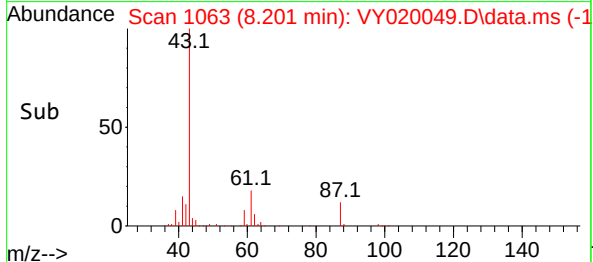
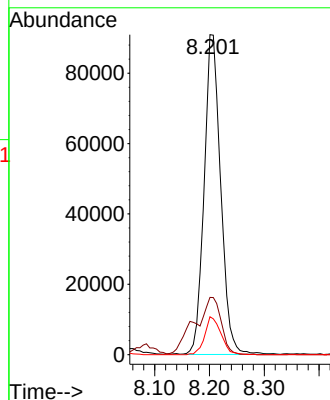
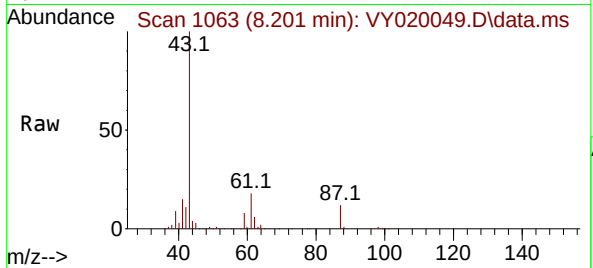




#43
Isopropyl Acetate
Concen: 54.551 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

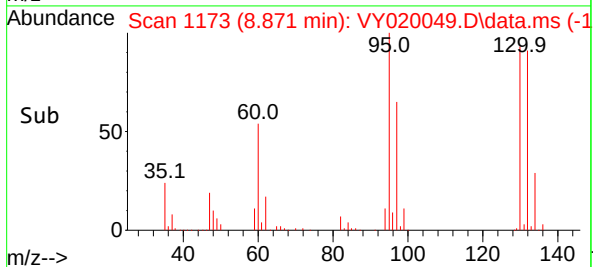
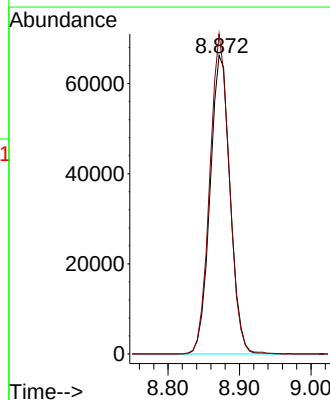
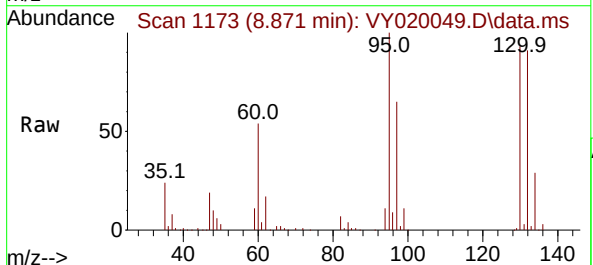
Instrument :
MSVOA_Y
ClientSampleId :

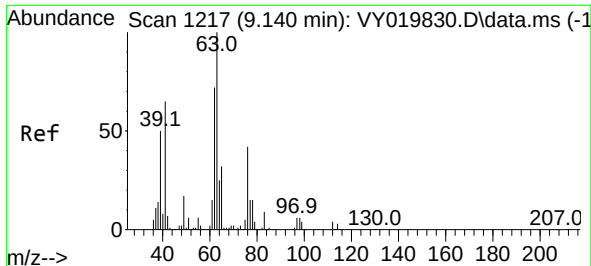
Tgt Ion: 43 Resp: 190539
Ion Ratio Lower Upper
43 100
61 18.0 27.9 41.9#
87 11.7 13.1 19.7#



#44
Trichloroethene
Concen: 53.487 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion:130 Resp: 128774
Ion Ratio Lower Upper
130 100
95 107.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 58.622 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

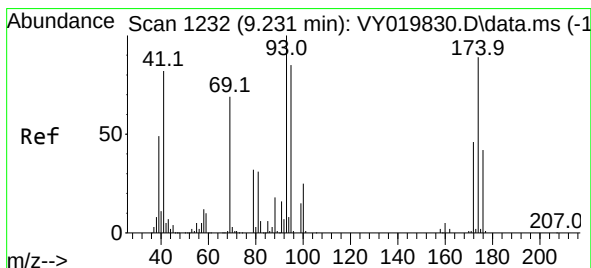
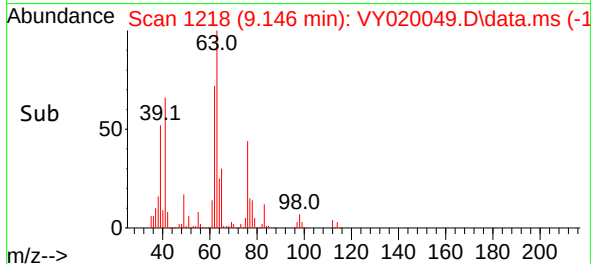
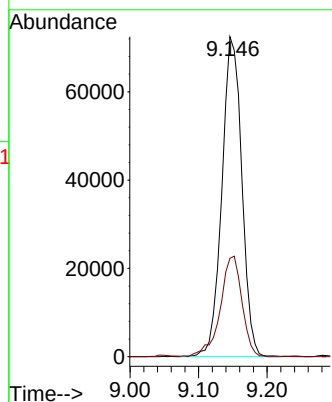
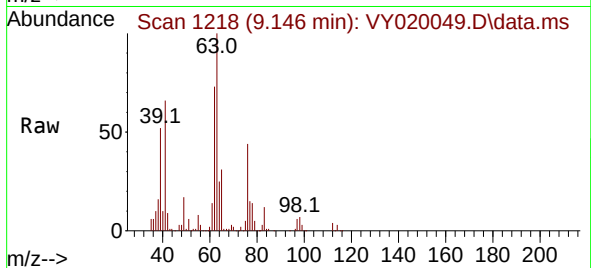
ClientSampleId :

Tgt Ion: 63 Resp: 145854

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.2



#46

Dibromomethane

Concen: 55.206 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

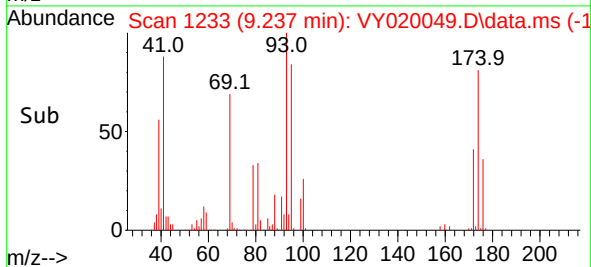
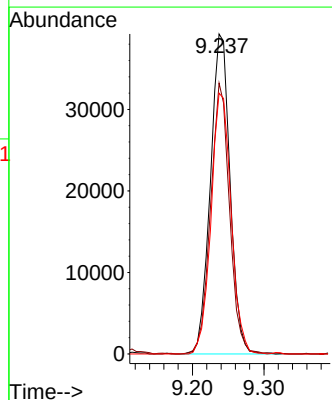
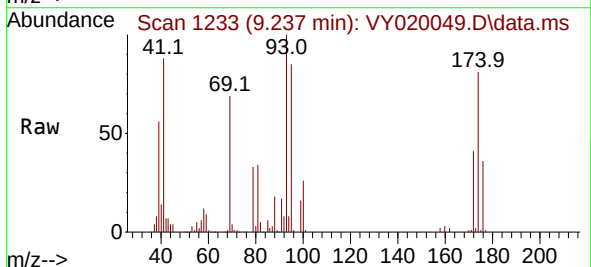
Tgt Ion: 93 Resp: 75044

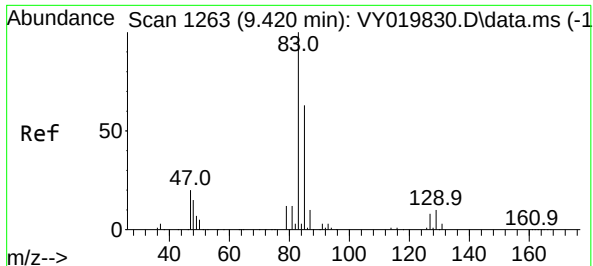
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

174 83.0 80.9 121.3

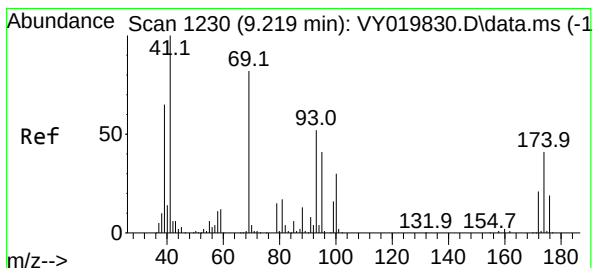
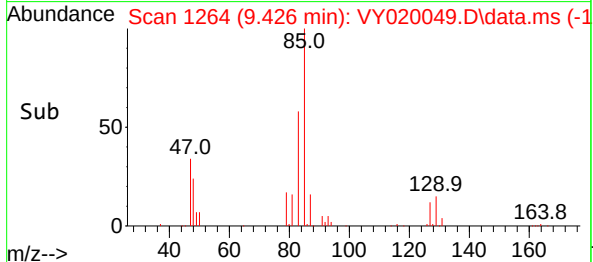
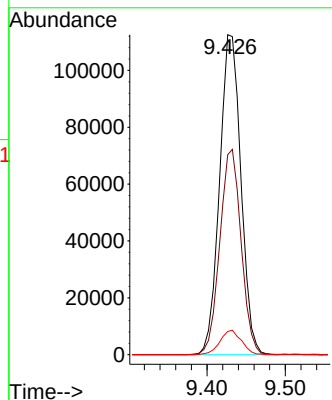
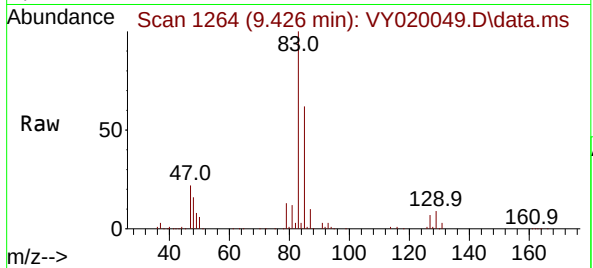




#47
Bromodichloromethane
Concen: 59.120 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

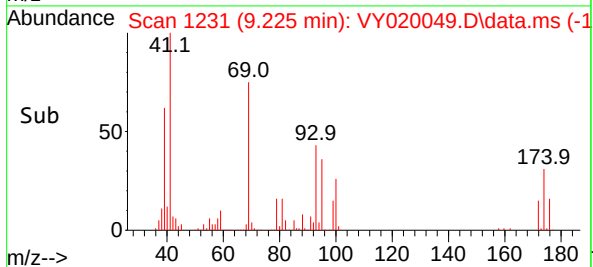
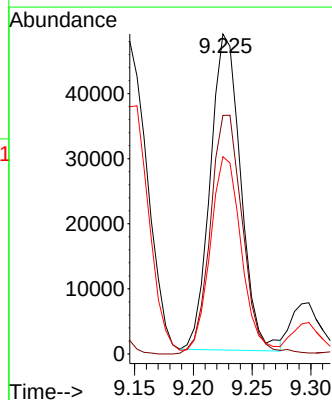
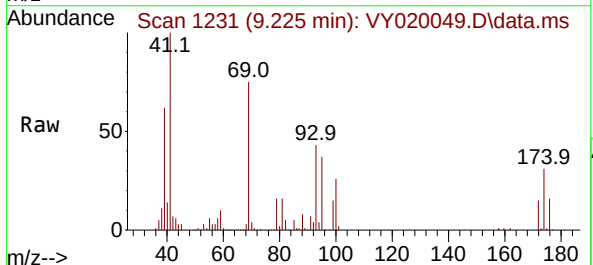
Instrument :
MSVOA_Y
ClientSampleId :

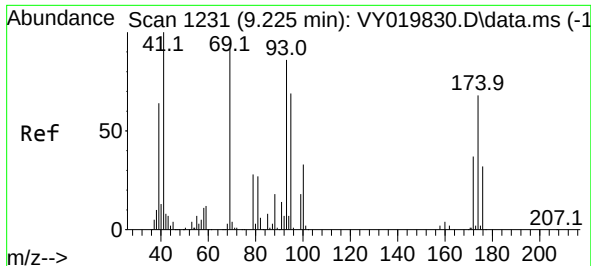
Tgt Ion: 83 Resp: 213312
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 7.3 7.4 11.0#



#48
Methyl methacrylate
Concen: 57.118 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 41 Resp: 87758
Ion Ratio Lower Upper
41 100
69 79.5 84.1 126.1#
39 63.2 43.6 65.4





#49

1,4-Dioxane

Concen: 1042.772 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

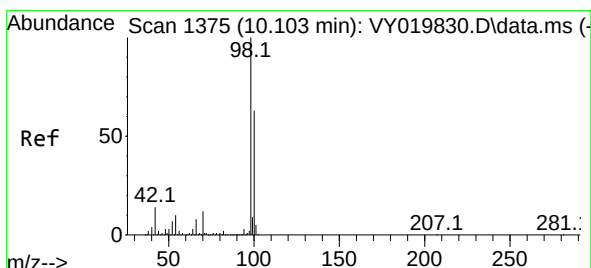
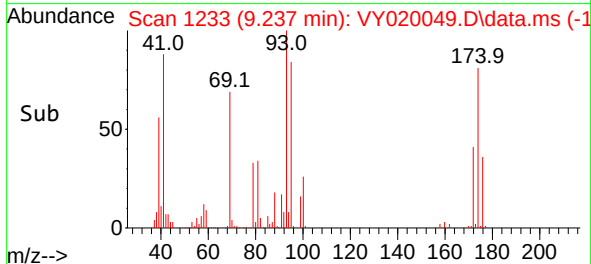
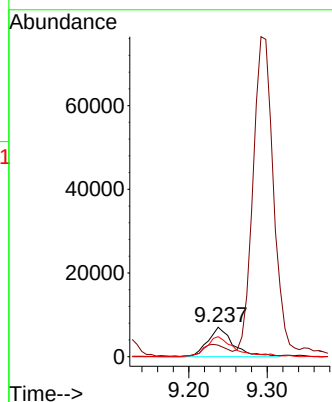
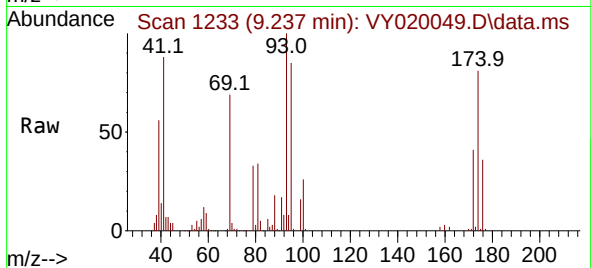
Tgt Ion: 88 Resp: 15865

Ion Ratio Lower Upper

88 100

43 38.1 0.0 0.0#

58 75.7 49.3 73.9#



#50

Toluene-d8

Concen: 48.603 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020049.D

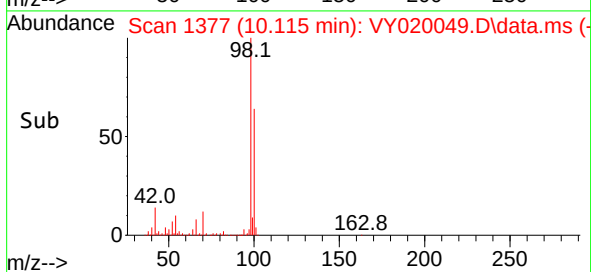
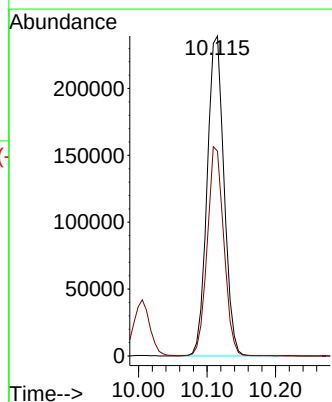
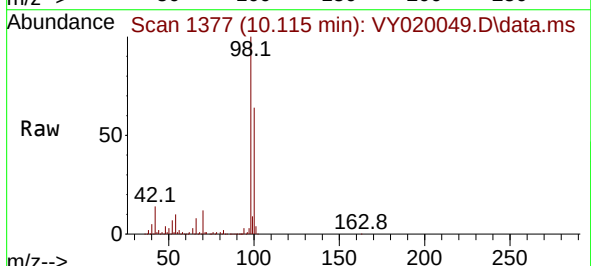
Acq: 29 Oct 2024 09:31

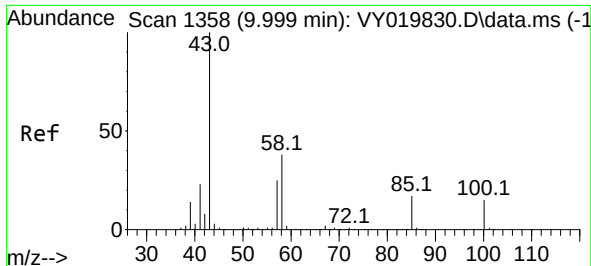
Tgt Ion: 98 Resp: 409200

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 290.196 ug/l

RT: 10.005 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

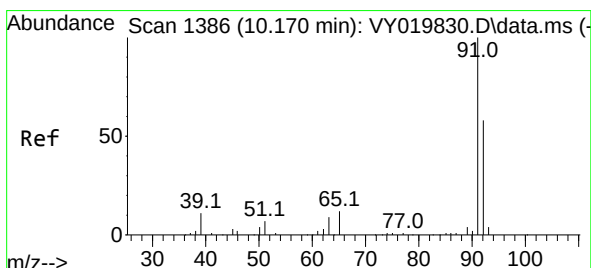
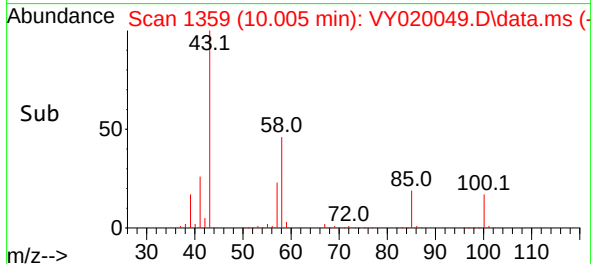
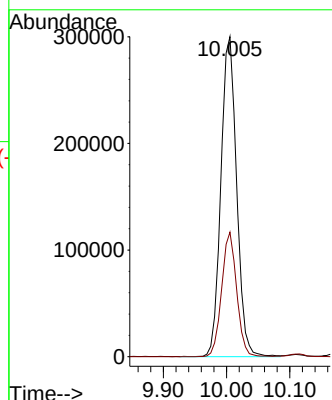
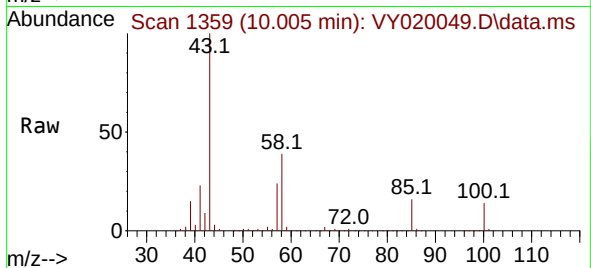
ClientSampleId :

Tgt Ion: 43 Resp: 517008

Ion Ratio Lower Upper

43 100

58 37.1 35.7 53.5



#52

Toluene

Concen: 58.250 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020049.D

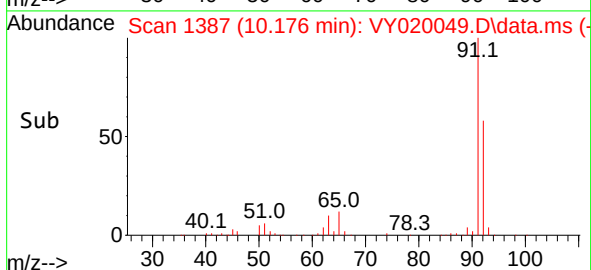
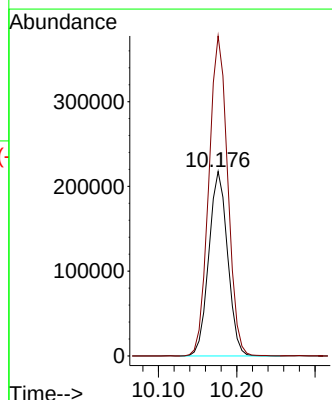
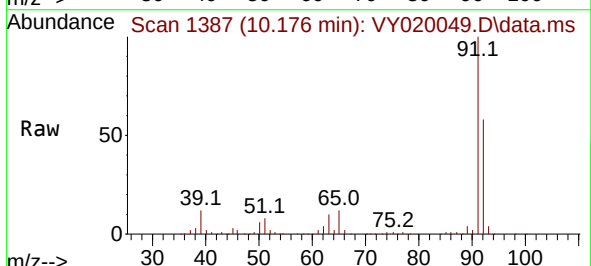
Acq: 29 Oct 2024 09:31

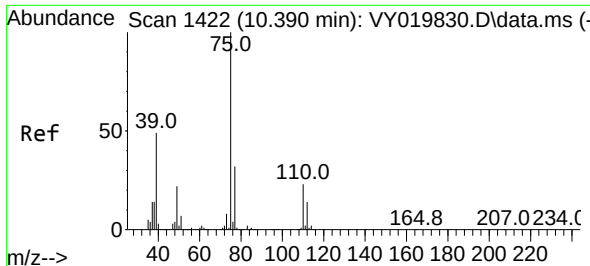
Tgt Ion: 92 Resp: 361431

Ion Ratio Lower Upper

92 100

91 174.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 57.291 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

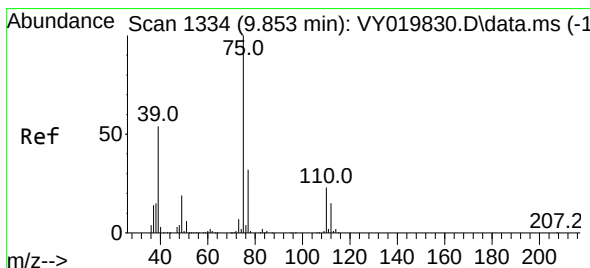
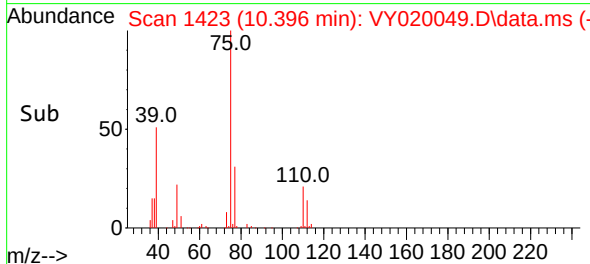
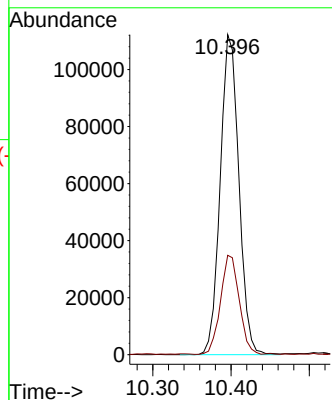
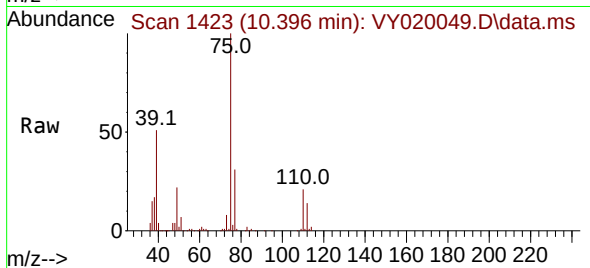
ClientSampleId :

Tgt Ion: 75 Resp: 185993

Ion Ratio Lower Upper

75 100

77 30.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 56.622 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

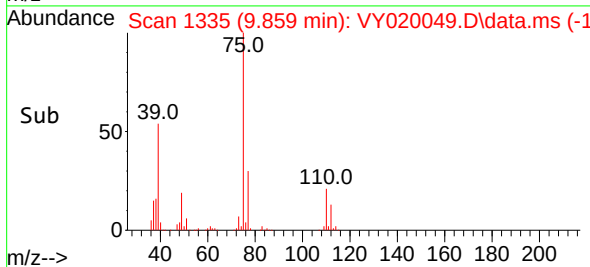
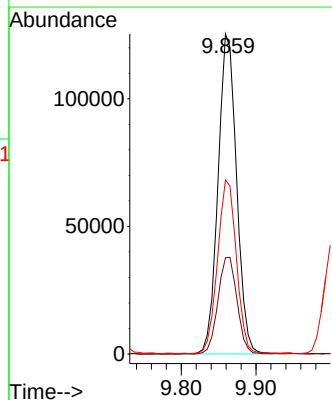
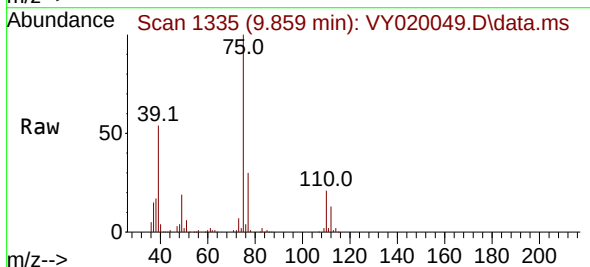
Tgt Ion: 75 Resp: 216901

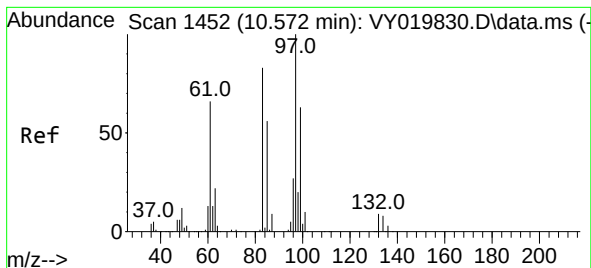
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

39 54.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 57.322 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 102661

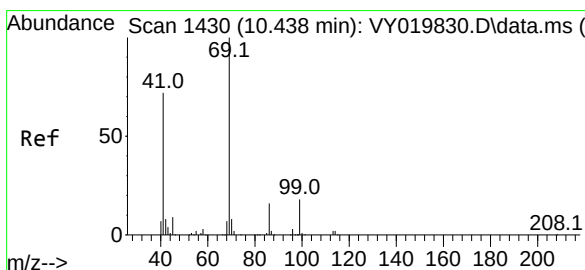
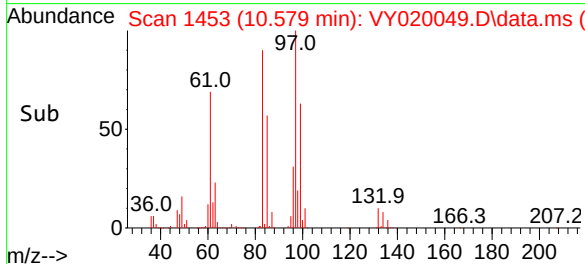
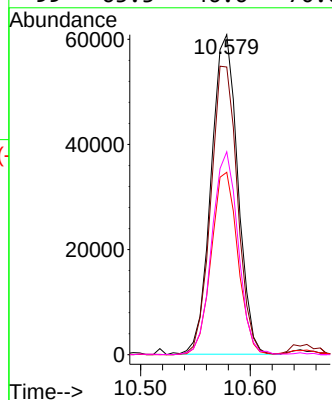
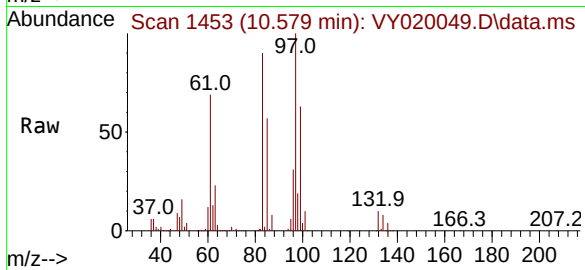
Ion Ratio Lower Upper

97 100

83 89.9 67.5 101.3

85 56.9 42.9 64.3

99 63.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 55.730 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

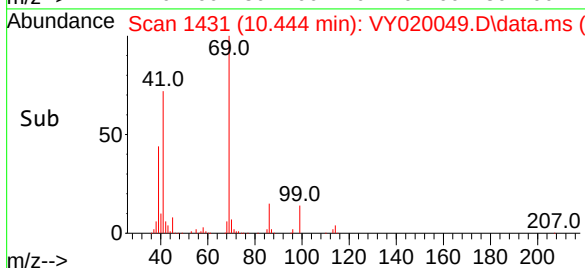
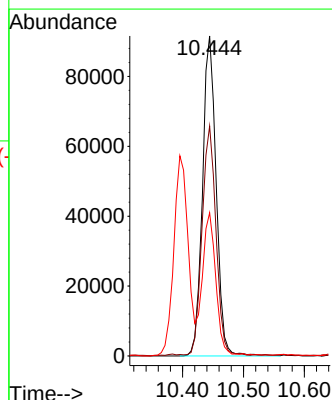
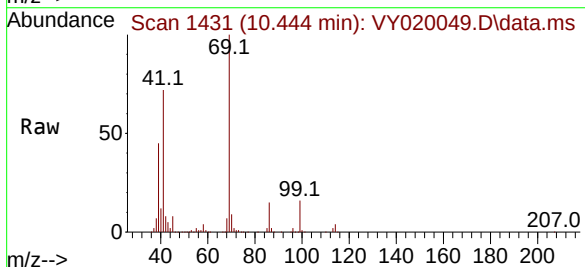
Tgt Ion: 69 Resp: 143217

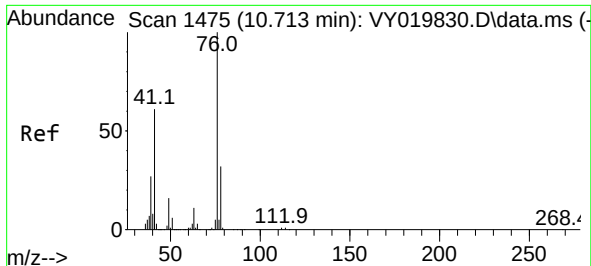
Ion Ratio Lower Upper

69 100

41 72.8 42.3 63.5#

39 43.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 57.349 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

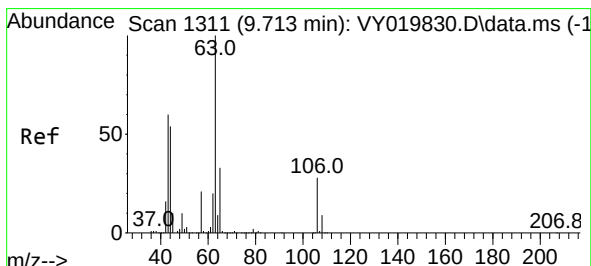
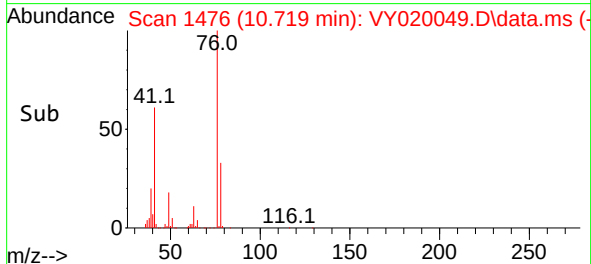
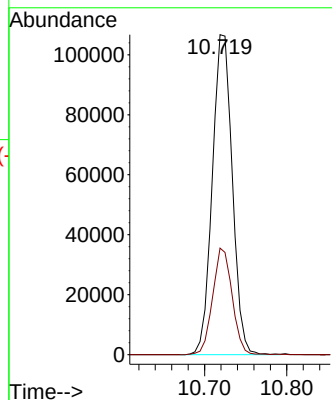
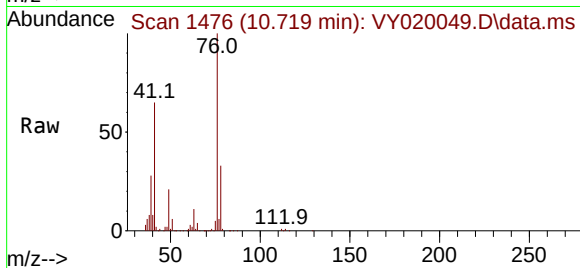
ClientSampleId :

Tgt Ion: 76 Resp: 180373

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 288.337 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020049.D

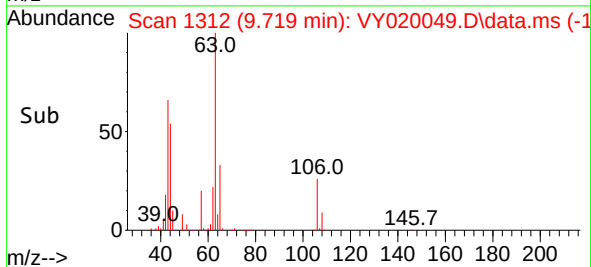
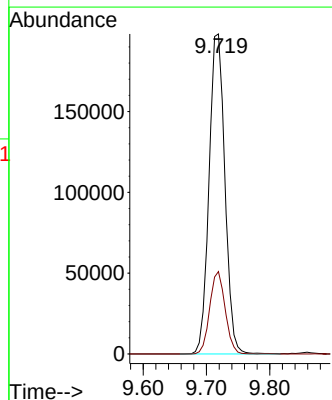
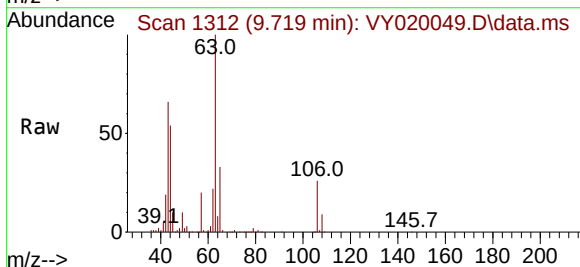
Acq: 29 Oct 2024 09:31

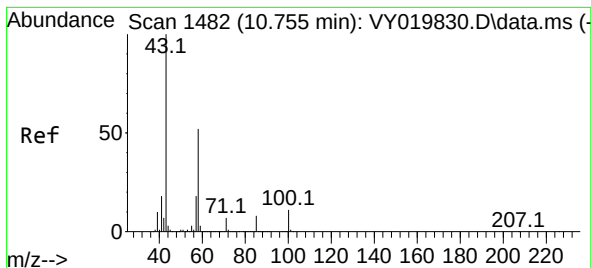
Tgt Ion: 63 Resp: 344949

Ion Ratio Lower Upper

63 100

106 25.0 23.7 35.5





#59

2-Hexanone

Concen: 298.670 ug/l

RT: 10.768 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

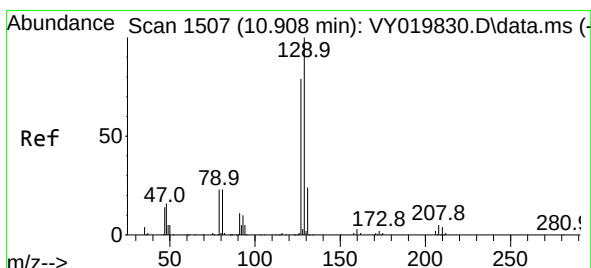
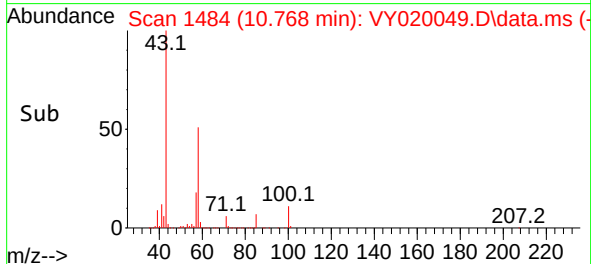
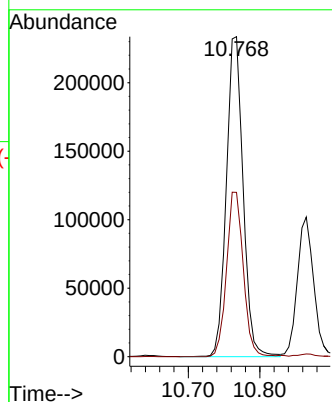
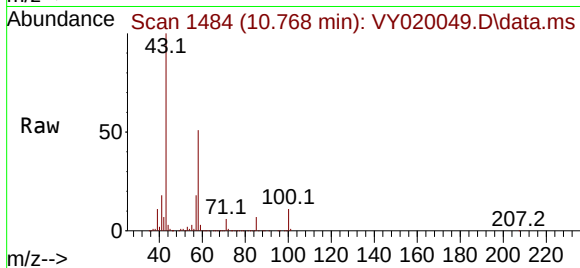
ClientSampleId :

Tgt Ion: 43 Resp: 380047

Ion Ratio Lower Upper

43 100

58 51.6 31.4 94.0



#60

Dibromochloromethane

Concen: 57.151 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY020049.D

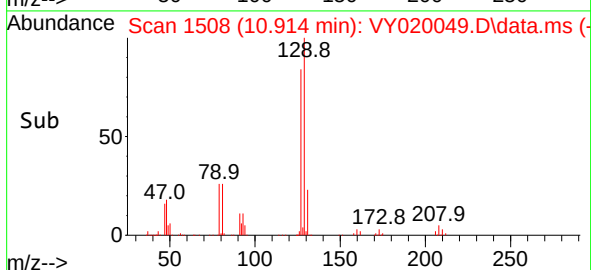
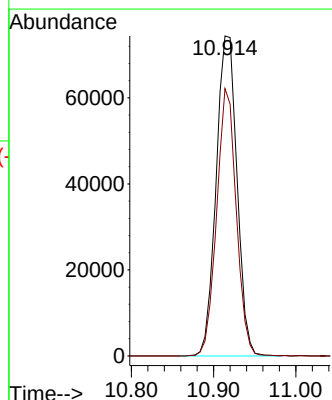
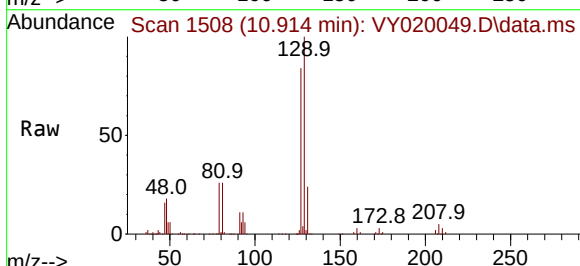
Acq: 29 Oct 2024 09:31

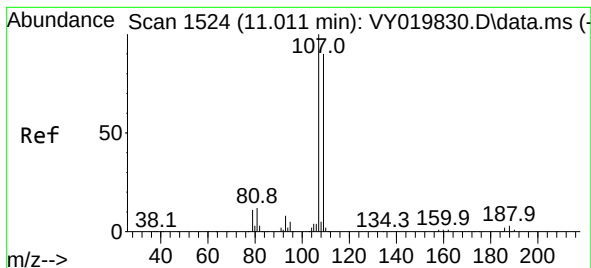
Tgt Ion: 129 Resp: 131374

Ion Ratio Lower Upper

129 100

127 78.5 39.0 117.0

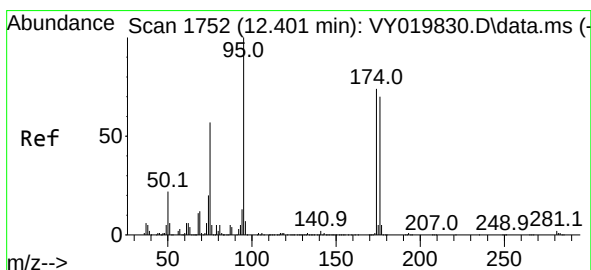
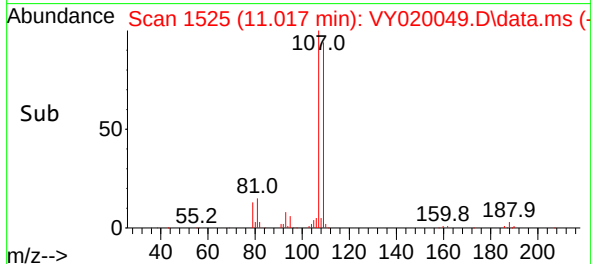
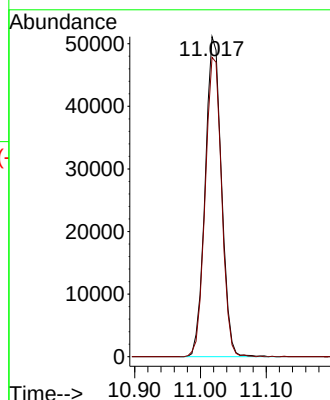
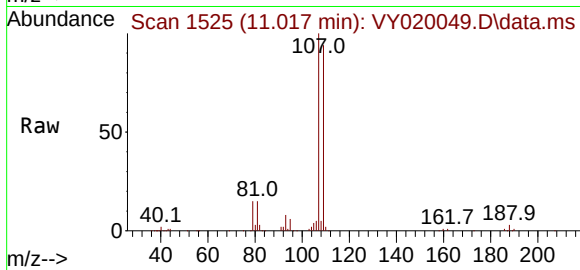




#61
1,2-Dibromoethane
Concen: 54.469 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

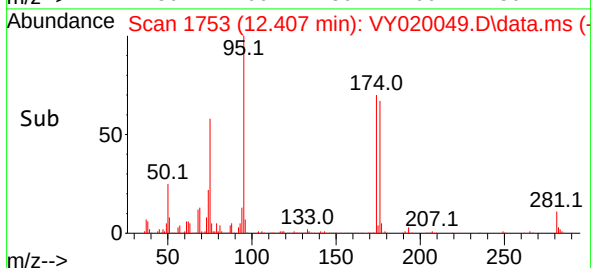
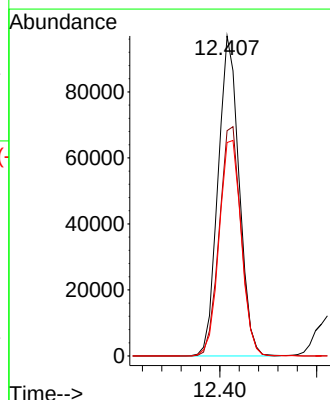
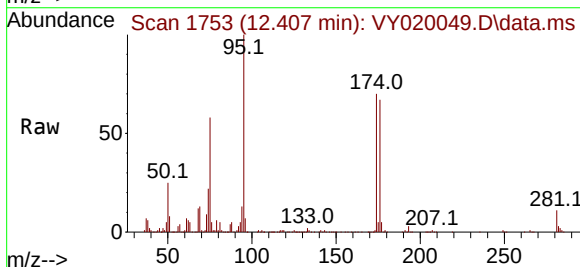
Instrument :
MSVOA_Y
ClientSampleId :

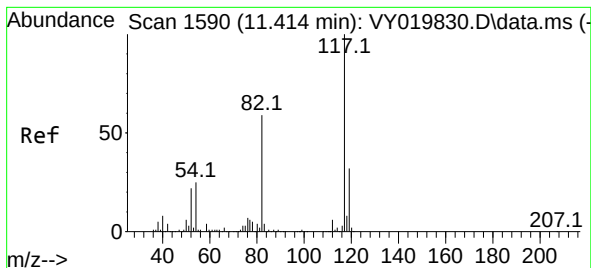
Tgt Ion:107 Resp: 88152
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.197 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 95 Resp: 146620
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 70.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

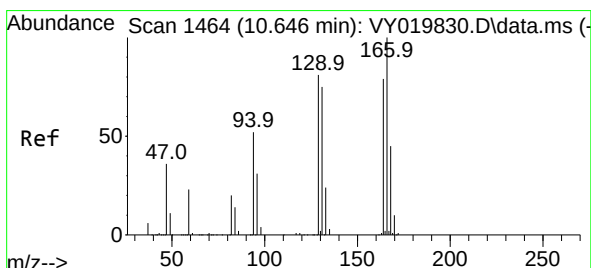
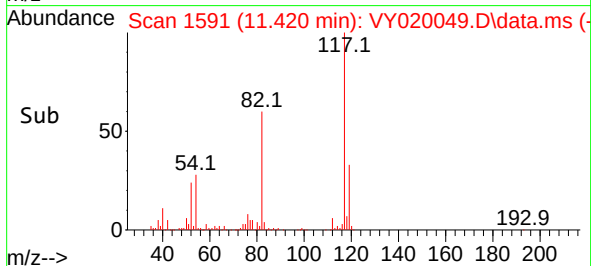
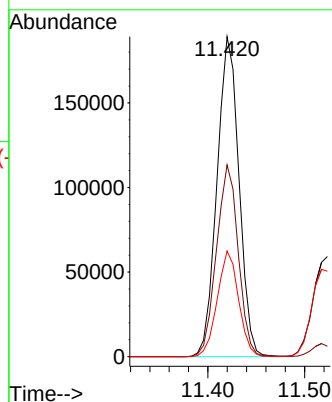
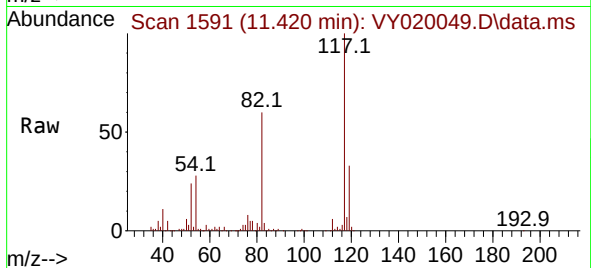
Tgt Ion:117 Resp: 298572

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

119 33.0 25.9 38.9



#64

Tetrachloroethene

Concen: 51.265 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Tgt Ion:164 Resp: 108872

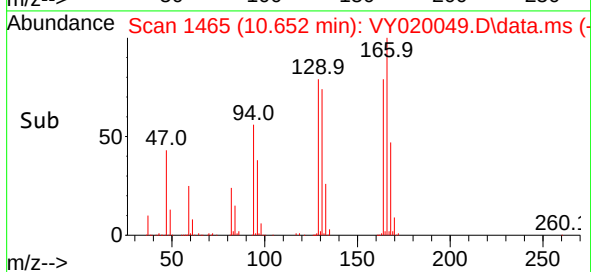
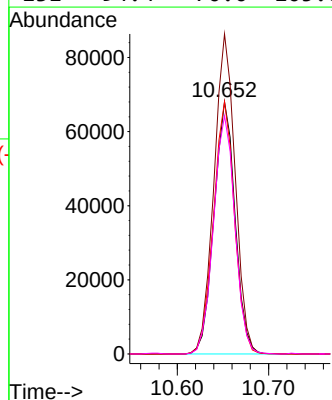
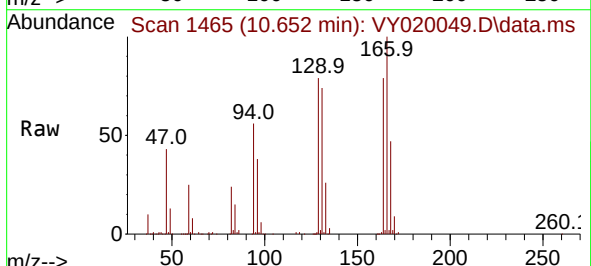
Ion Ratio Lower Upper

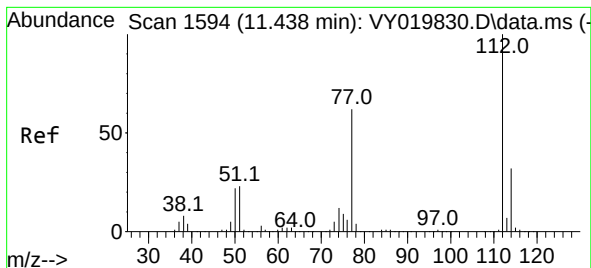
164 100

166 126.9 102.6 154.0

129 100.1 72.0 108.0

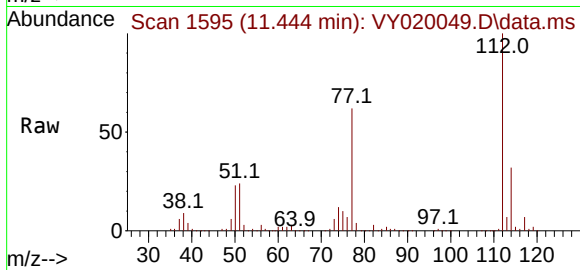
131 94.4 70.0 105.0



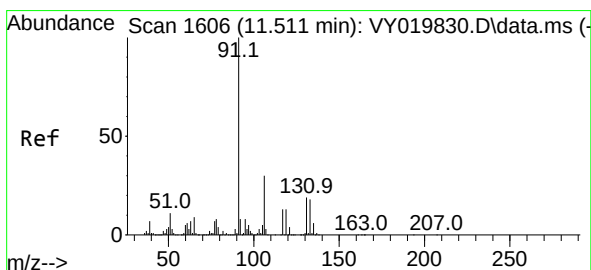
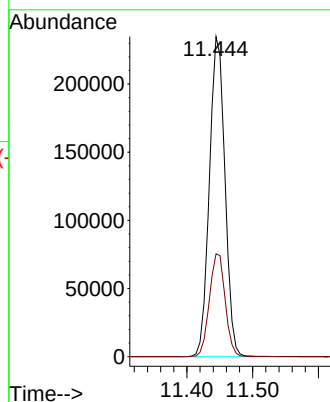
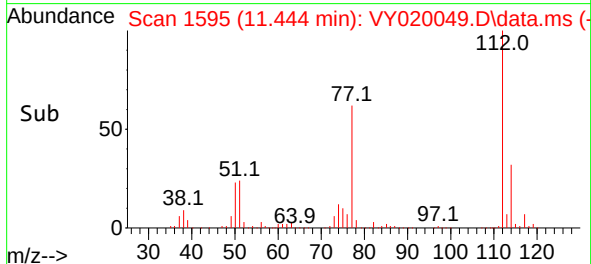


#65
Chlorobenzene
Concen: 56.594 ug/l
RT: 11.444 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Instrument :
MSVOA_Y
ClientSampleId :

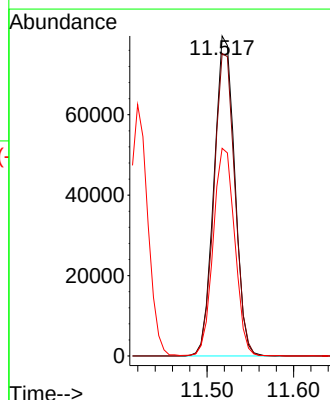
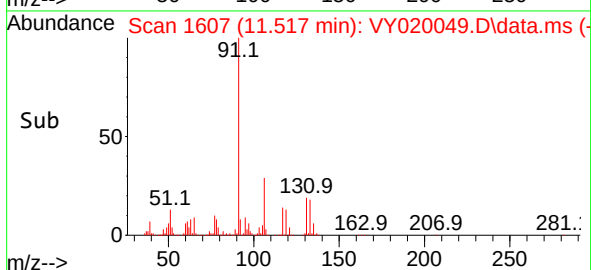
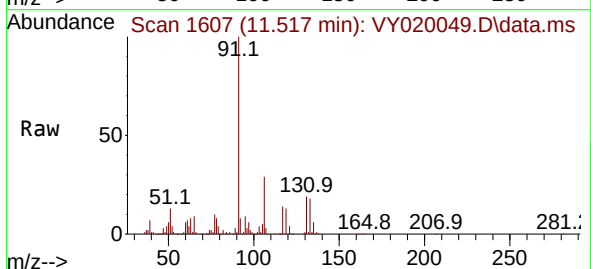


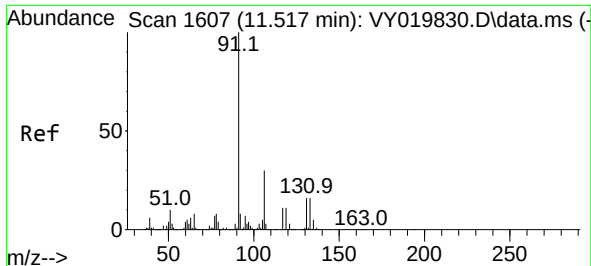
Tgt Ion:112 Resp: 386485
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.328 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion:131 Resp: 132456
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.3
119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 58.480 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

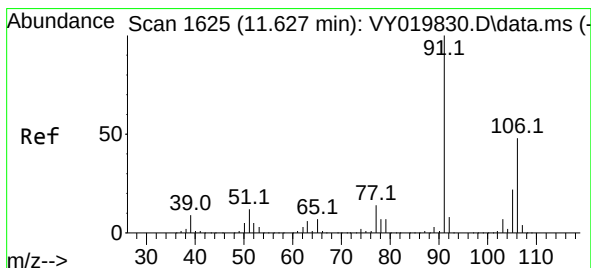
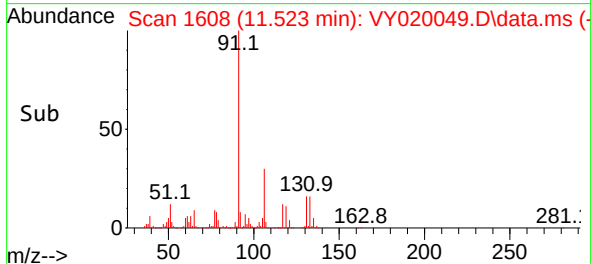
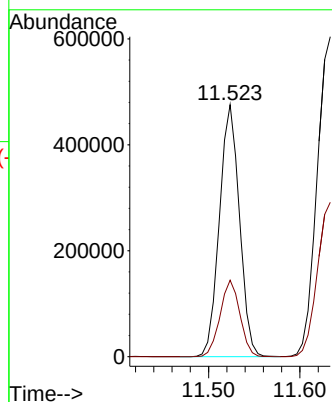
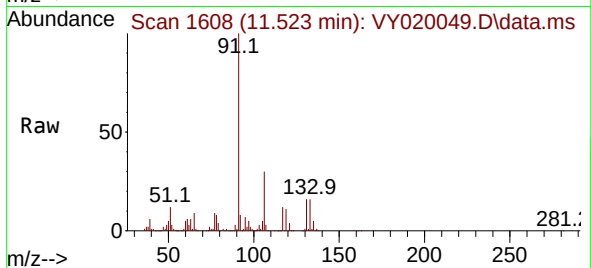
ClientSampleId :

Tgt Ion: 91 Resp: 725459

Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7



#68

m/p-Xylenes

Concen: 115.518 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020049.D

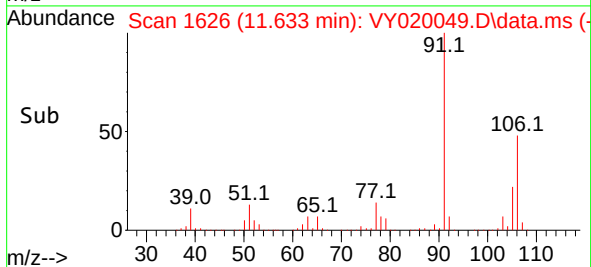
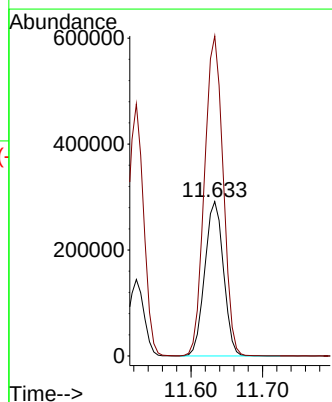
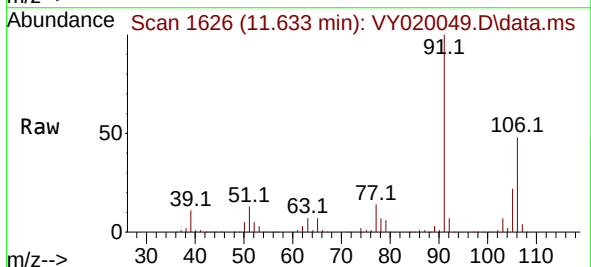
Acq: 29 Oct 2024 09:31

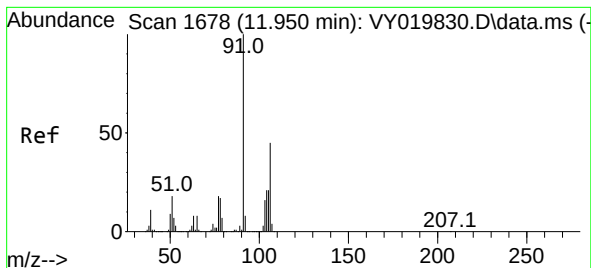
Tgt Ion:106 Resp: 529250

Ion Ratio Lower Upper

106 100

91 206.5 156.0 234.0





#69

o-Xylene

Concen: 57.846 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

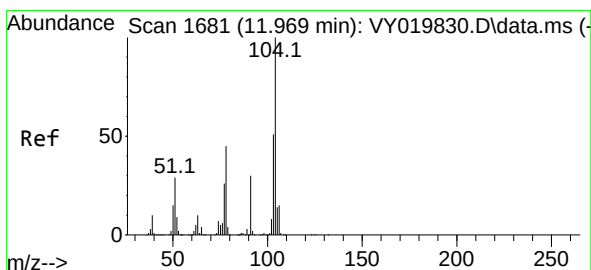
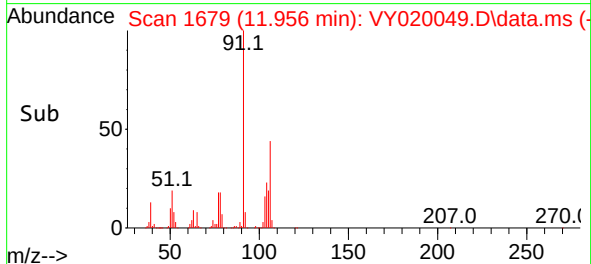
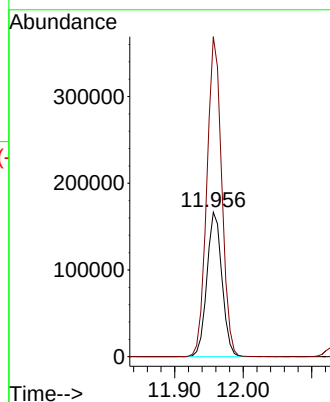
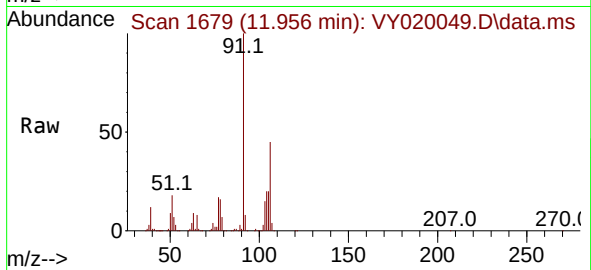
ClientSampleId :

Tgt Ion:106 Resp: 254636

Ion Ratio Lower Upper

106 100

91 218.8 103.6 310.8



#70

Styrene

Concen: 58.446 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

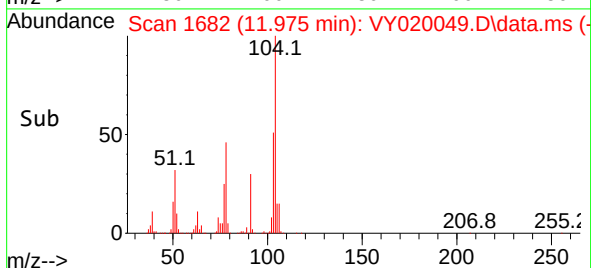
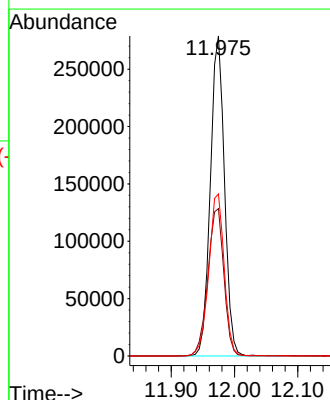
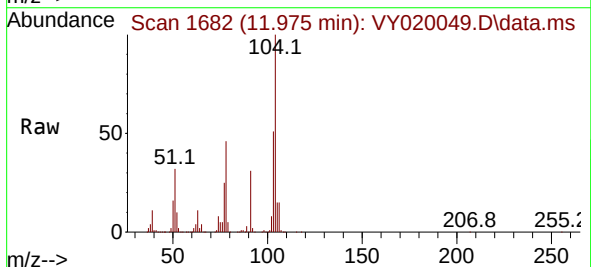
Tgt Ion:104 Resp: 434060

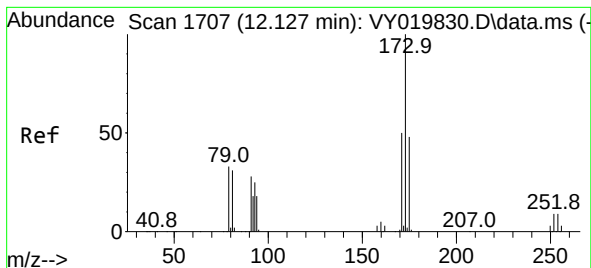
Ion Ratio Lower Upper

104 100

78 52.4 37.0 55.4

103 55.4 44.2 66.2





#71

Bromoform

Concen: 56.992 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

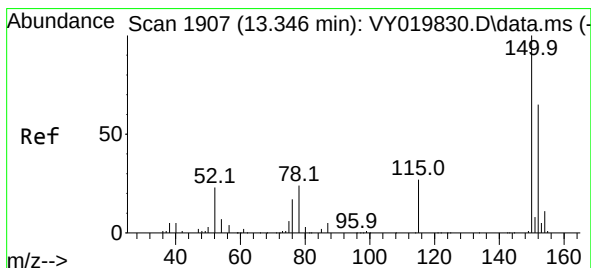
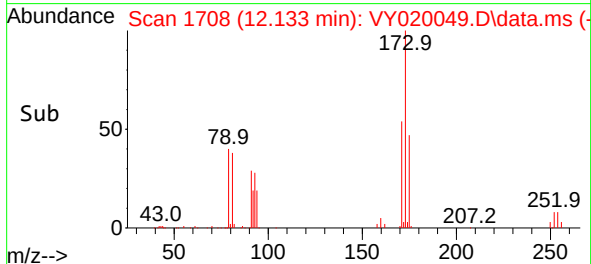
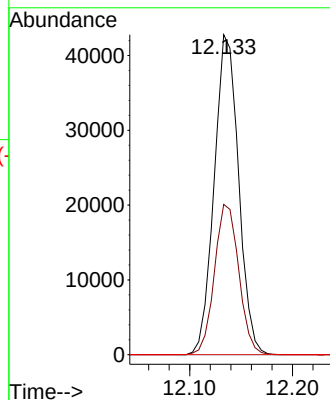
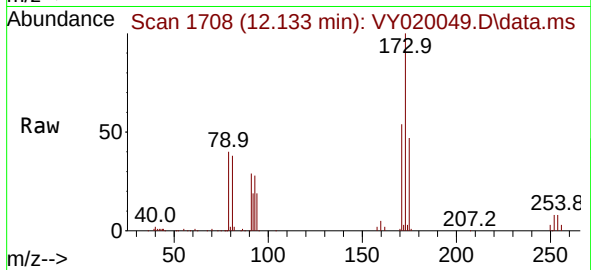
Tgt Ion:173 Resp: 70493

Ion Ratio Lower Upper

173 100

175 46.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

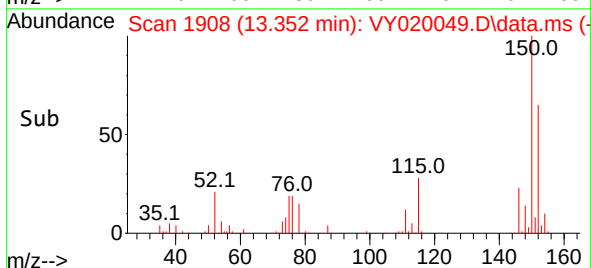
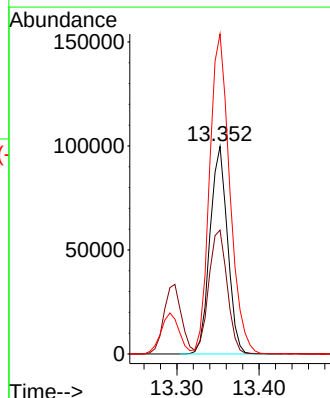
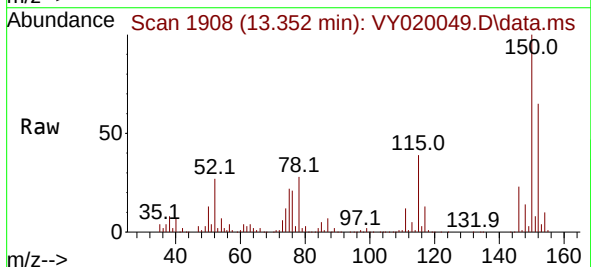
Tgt Ion:152 Resp: 148124

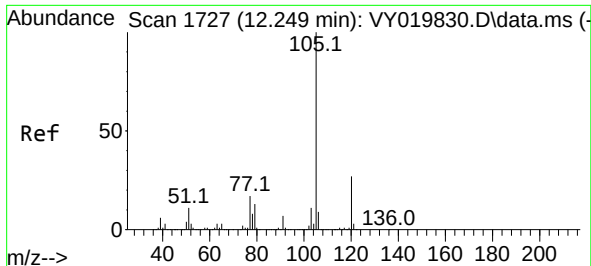
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 176.9 0.0 345.6

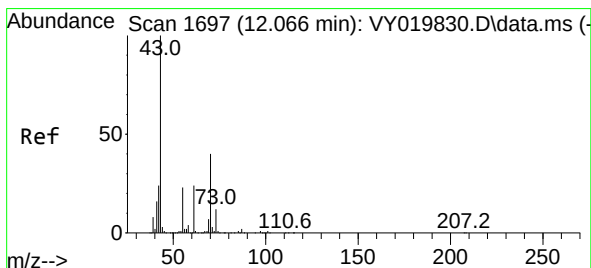
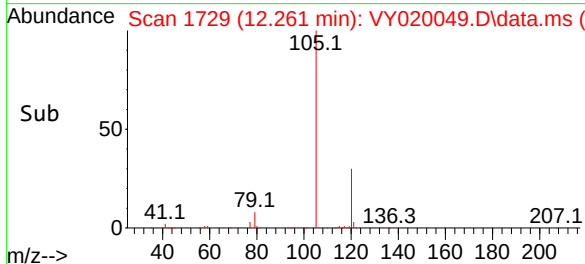
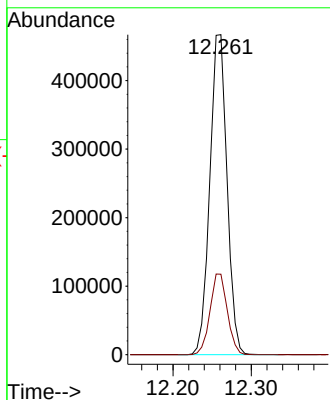
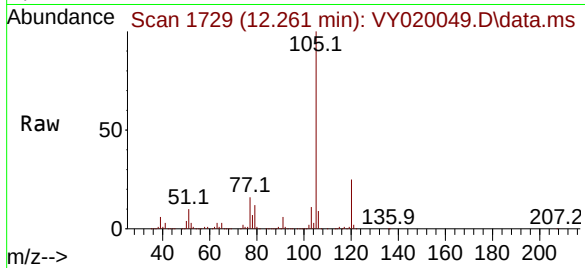




#73
Isopropylbenzene
Concen: 57.165 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

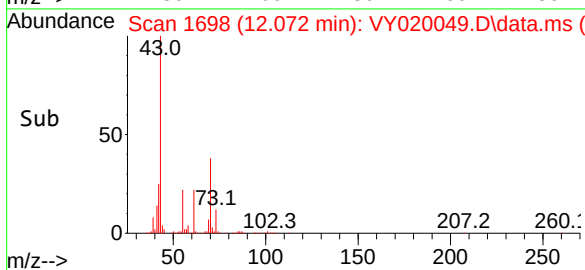
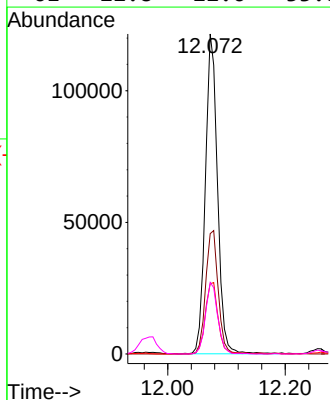
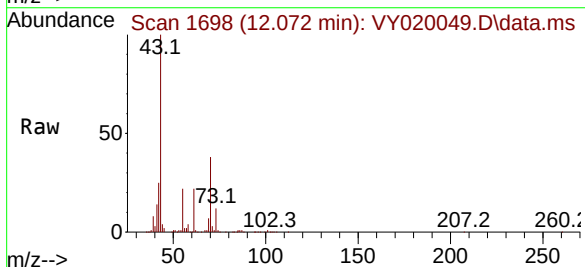
Instrument :
MSVOA_Y
ClientSampleId :

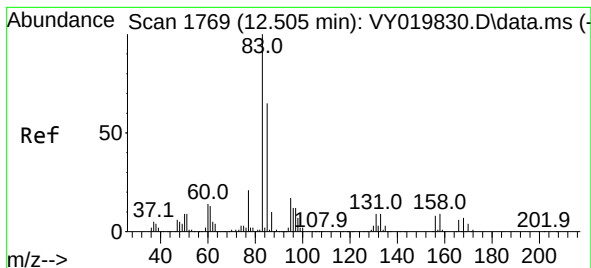
Tgt Ion:105 Resp: 712234
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1



#74
N-ethyl acetate
Concen: 52.573 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 43 Resp: 173487
Ion Ratio Lower Upper
43 100
70 40.1 41.4 62.2#
55 23.7 23.3 34.9
61 22.8 22.6 33.8

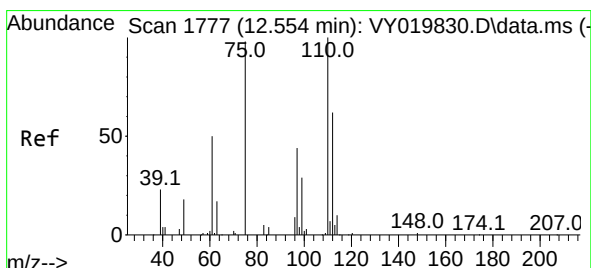
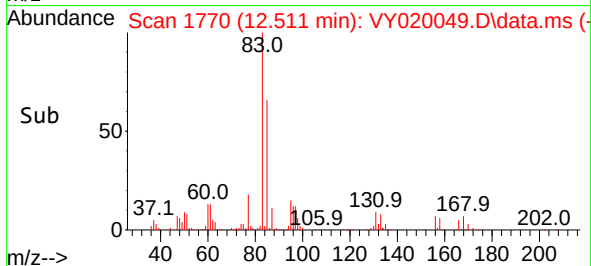
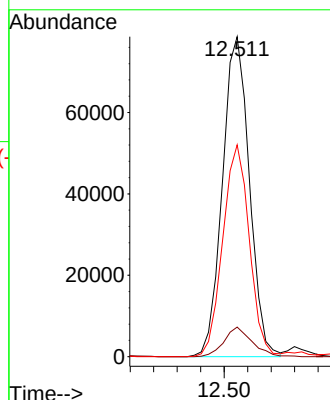
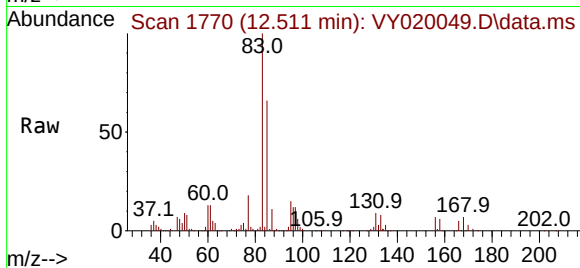




#75
1,1,2,2-Tetrachloroethane
Concen: 56.533 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

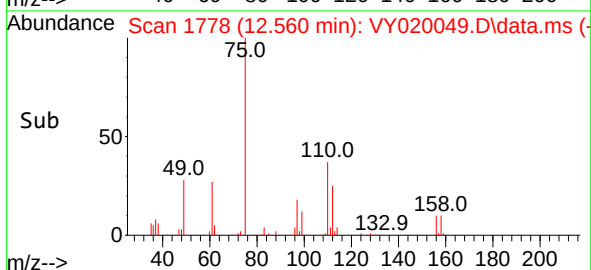
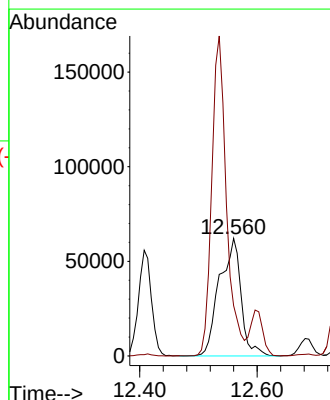
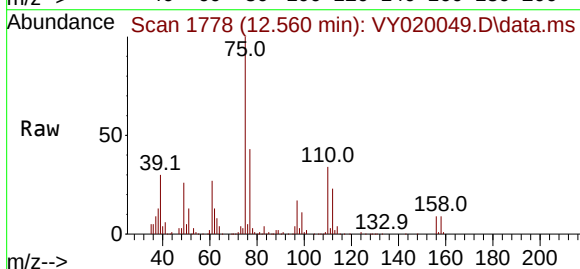
Instrument :
MSVOA_Y
ClientSampleId :

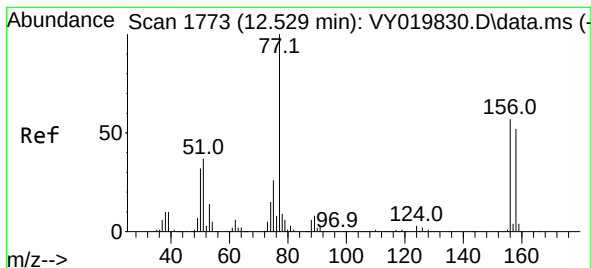
Tgt Ion: 83 Resp: 125155
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 65.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 54.791 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 75 Resp: 158990
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.541 ug/l

RT: 12.535 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

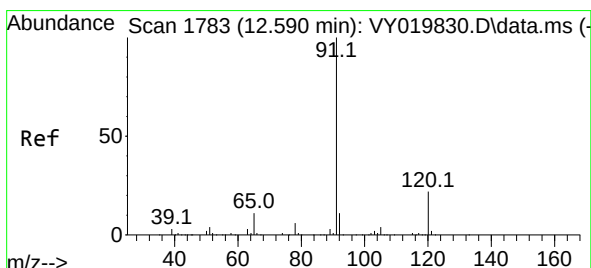
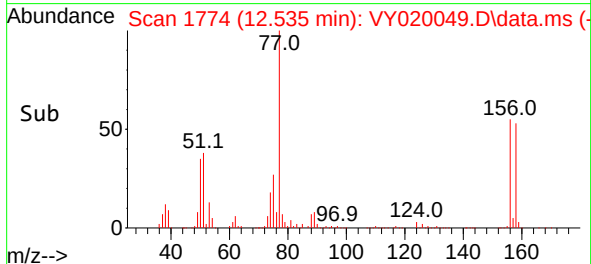
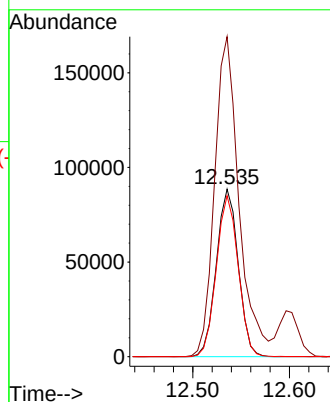
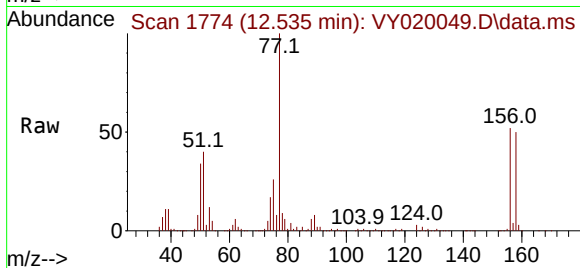
Tgt Ion:156 Resp: 138912

Ion Ratio Lower Upper

156 100

77 212.0 87.1 261.3

158 95.9 48.6 145.9



#78

n-propylbenzene

Concen: 58.188 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020049.D

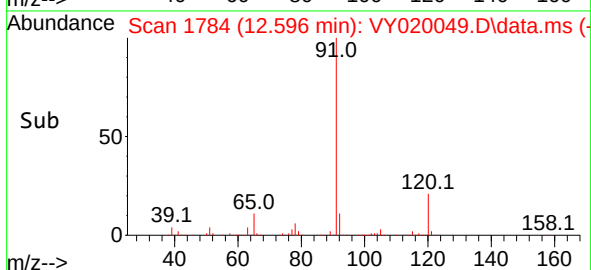
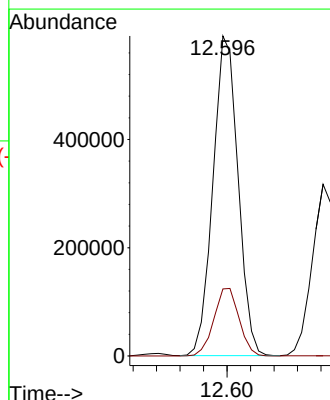
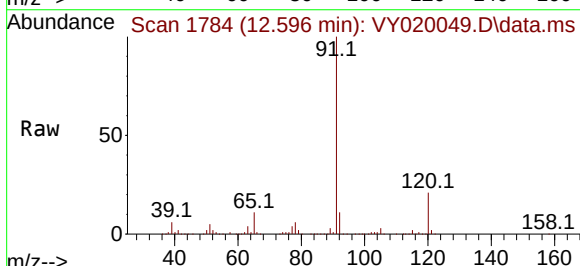
Acq: 29 Oct 2024 09:31

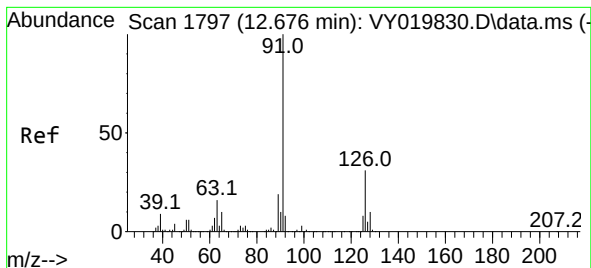
Tgt Ion: 91 Resp: 876003

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4

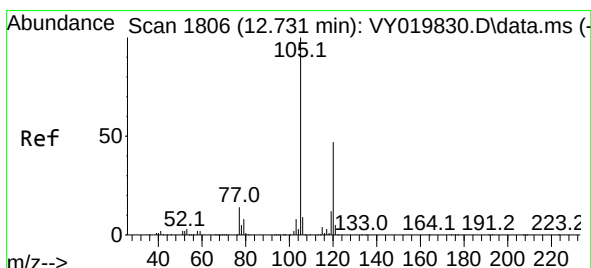
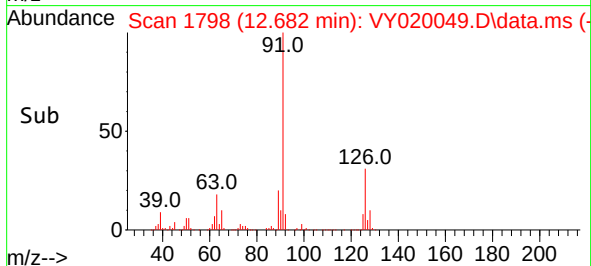
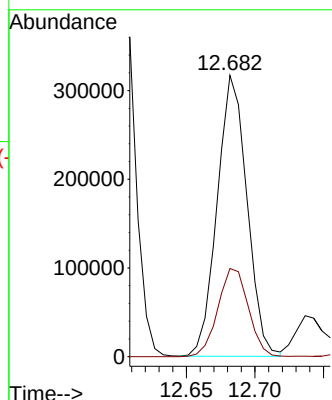
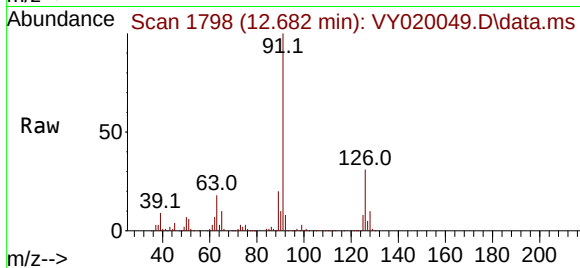




#79
2-Chlorotoluene
Concen: 55.599 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

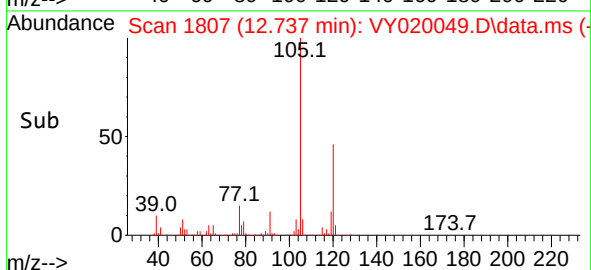
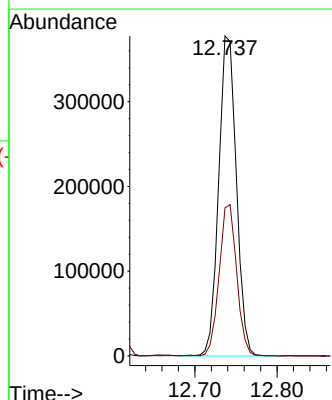
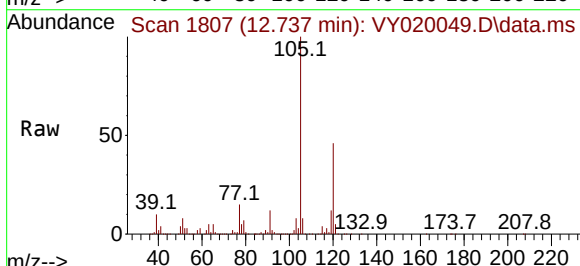
Instrument :
MSVOA_Y
ClientSampleId :

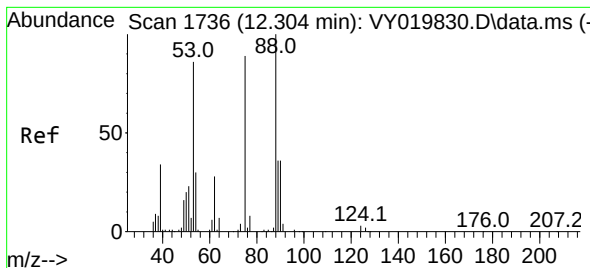
Tgt Ion: 91 Resp: 479863
Ion Ratio Lower Upper
91 100
126 32.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 56.053 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

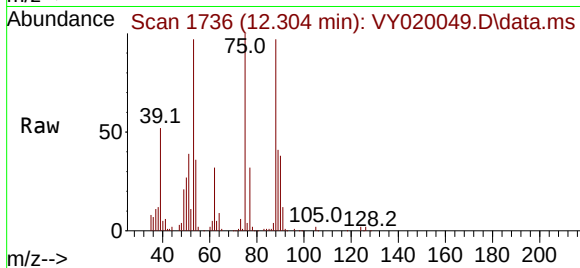
Tgt Ion: 105 Resp: 564000
Ion Ratio Lower Upper
105 100
120 47.0 25.1 75.2



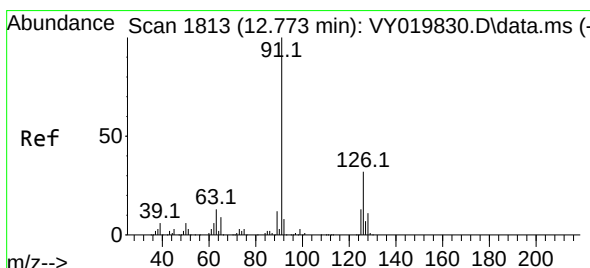
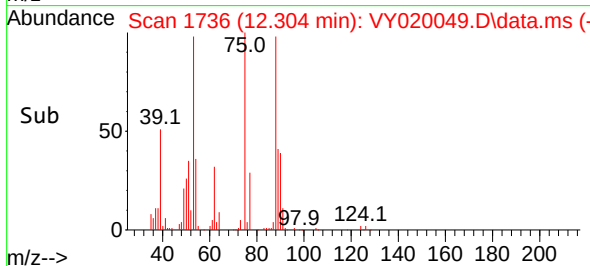
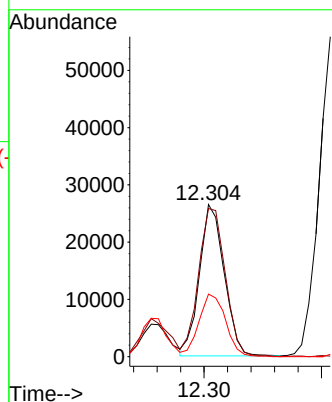


#81
trans-1,4-Dichloro-2-butene
Concen: 53.981 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Instrument :
MSVOA_Y
ClientSampleId :

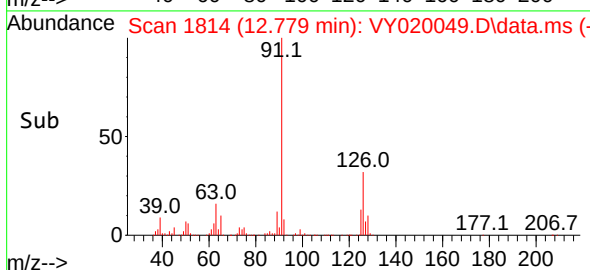
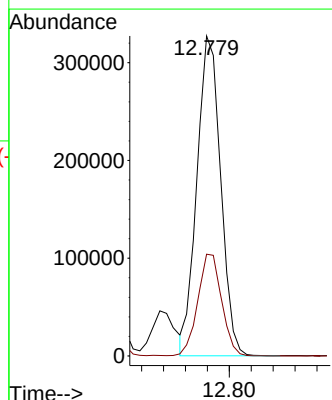
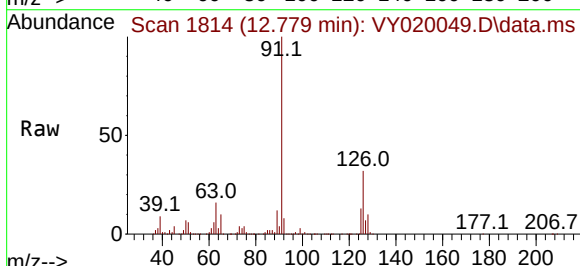


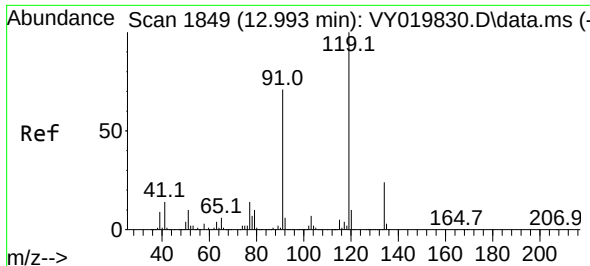
Tgt Ion: 75 Resp: 38807
Ion Ratio Lower Upper
75 100
53 105.8 66.8 100.2#
89 44.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.721 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion: 91 Resp: 491731
Ion Ratio Lower Upper
91 100
126 32.1 17.6 52.9

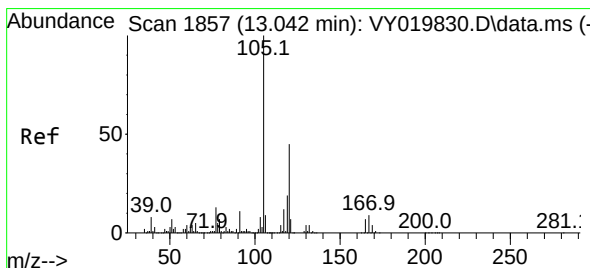
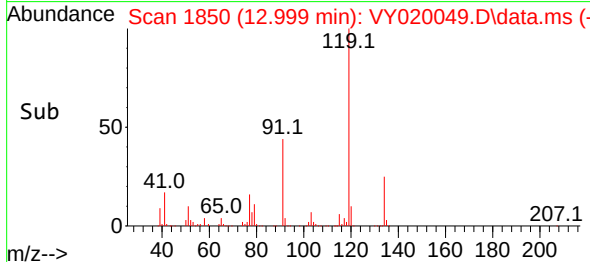
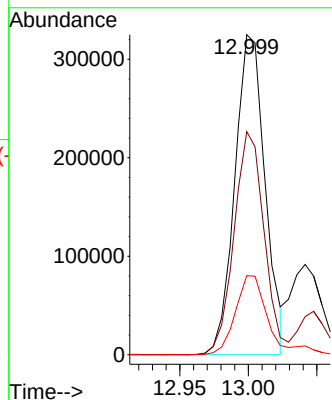
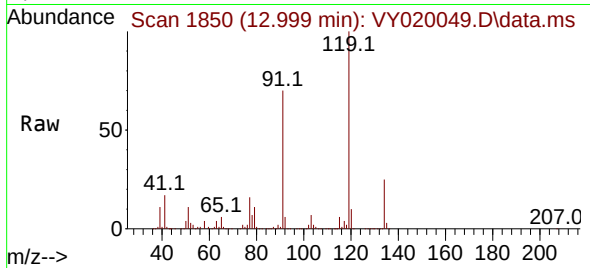




#83
tert-Butylbenzene
Concen: 55.473 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

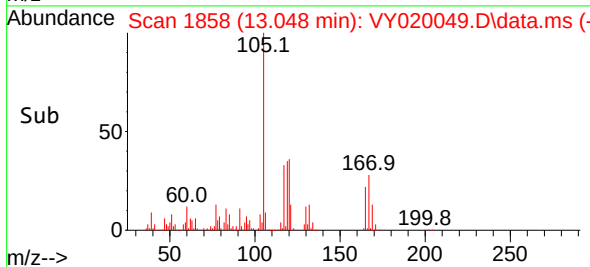
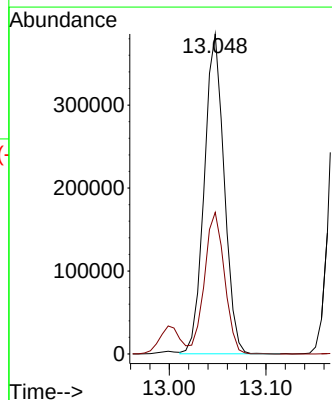
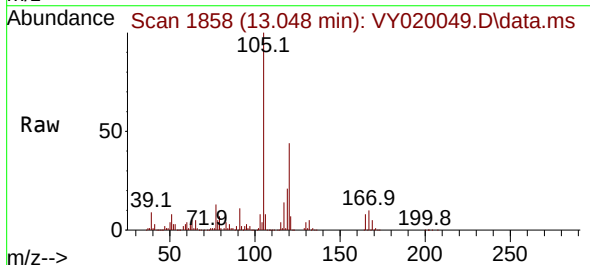
Instrument :
MSVOA_Y
ClientSampleId :

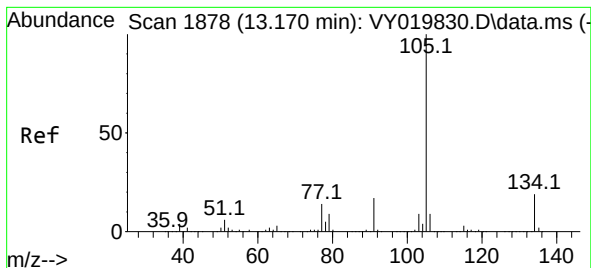
Tgt Ion:119 Resp: 500024
Ion Ratio Lower Upper
119 100
91 69.4 31.3 93.8
134 26.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 55.351 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY020049.D
Acq: 29 Oct 2024 09:31

Tgt Ion:105 Resp: 552173
Ion Ratio Lower Upper
105 100
120 44.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 58.020 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

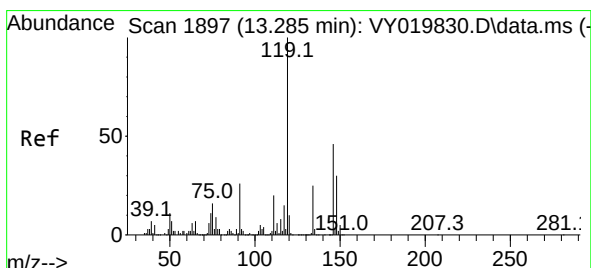
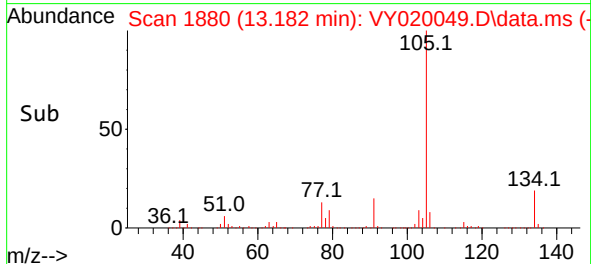
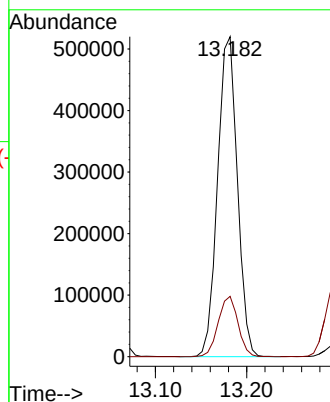
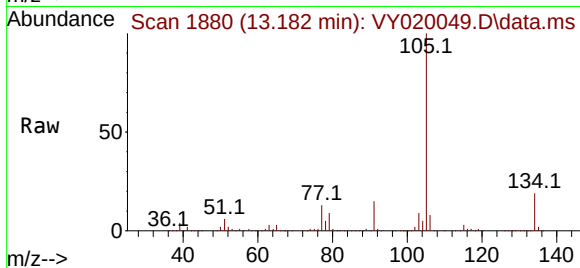
ClientSampleId :

Tgt Ion:105 Resp: 781384

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 57.088 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

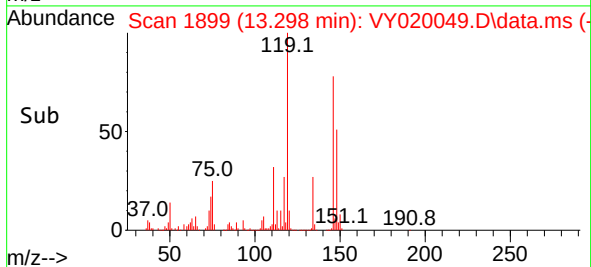
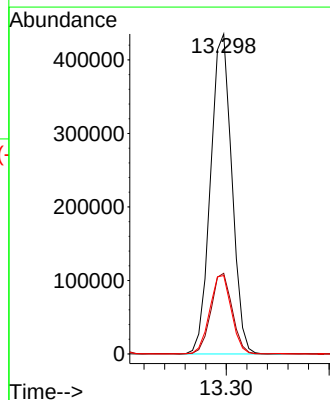
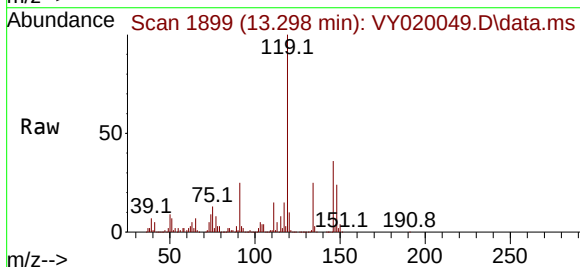
Tgt Ion:119 Resp: 624312

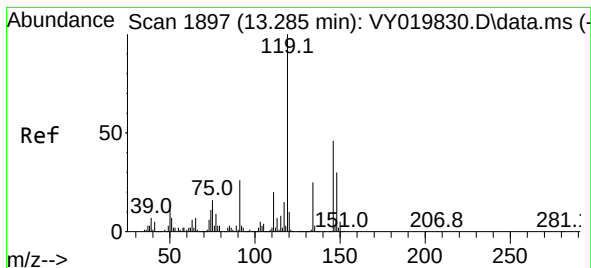
Ion Ratio Lower Upper

119 100

134 25.1 13.1 39.3

91 24.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.736 ug/l

RT: 13.291 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

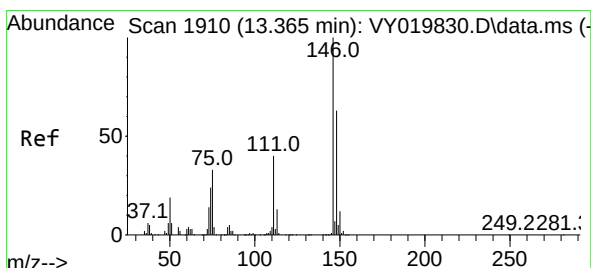
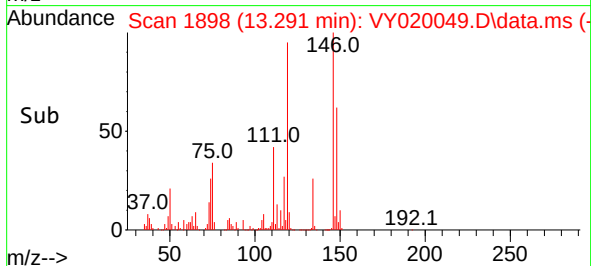
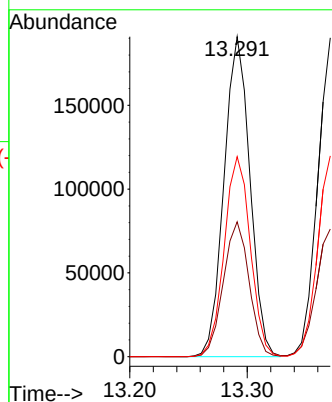
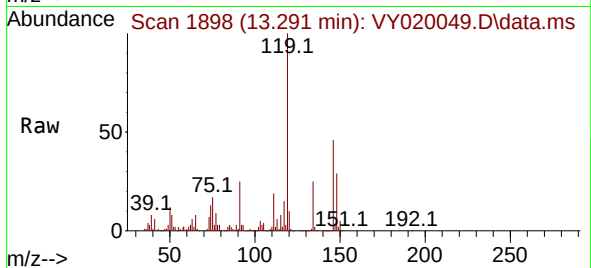
Tgt Ion:146 Resp: 292248

Ion Ratio Lower Upper

146 100

111 42.0 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.527 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

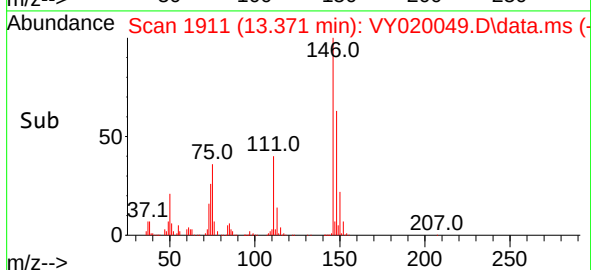
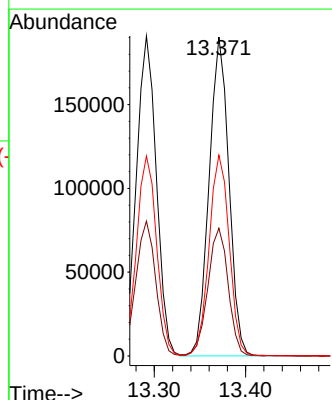
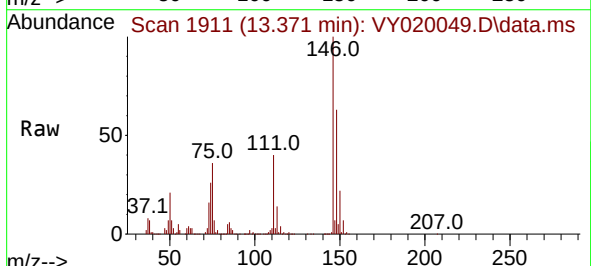
Tgt Ion:146 Resp: 286010

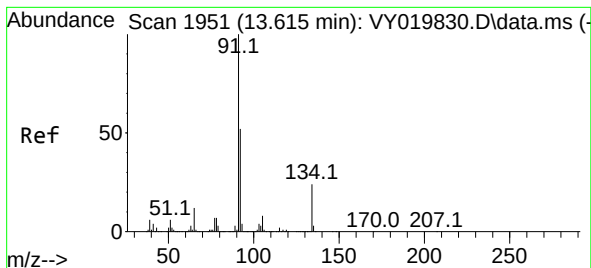
Ion Ratio Lower Upper

146 100

111 41.2 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 58.688 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

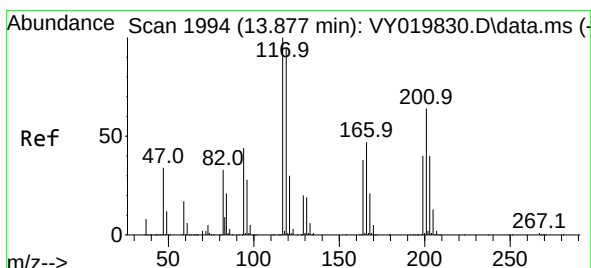
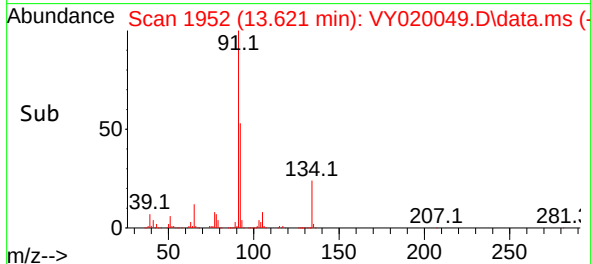
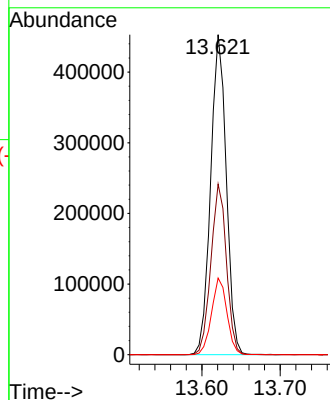
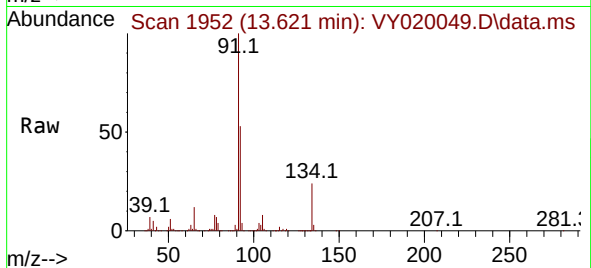
Tgt Ion: 91 Resp: 626694

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 23.6 12.9 38.7



#90

Hexachloroethane

Concen: 58.195 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020049.D

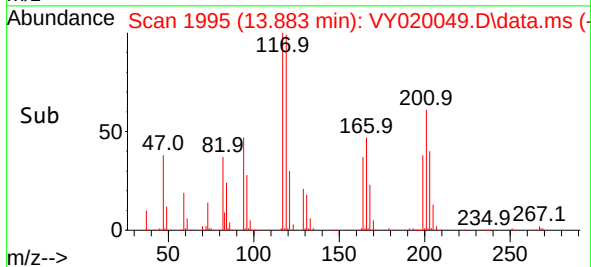
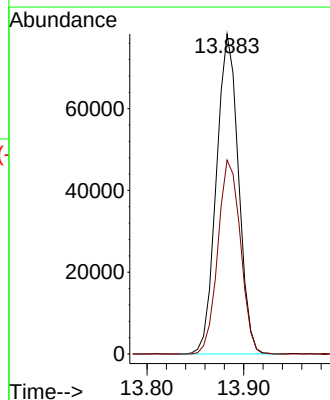
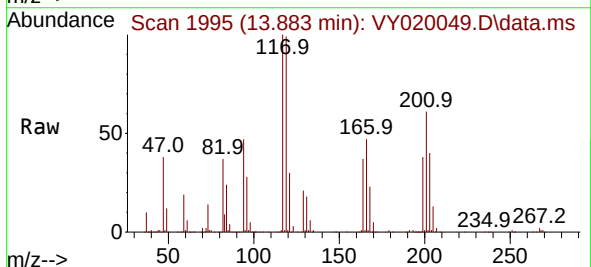
Acq: 29 Oct 2024 09:31

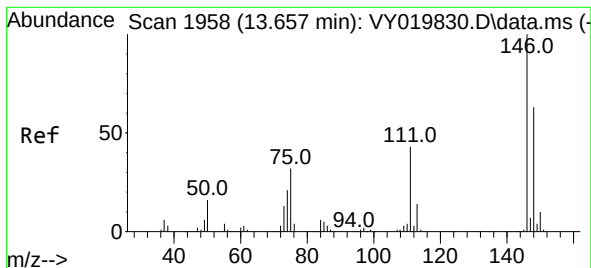
Tgt Ion: 117 Resp: 123924

Ion Ratio Lower Upper

117 100

201 62.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 54.658 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

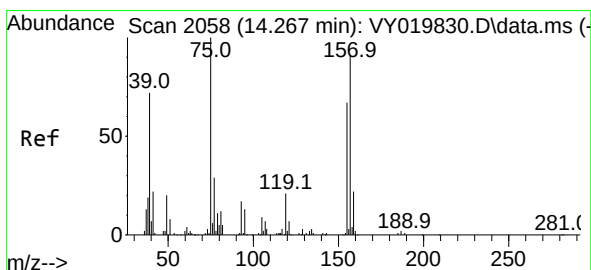
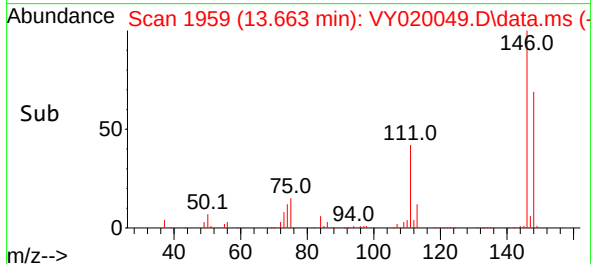
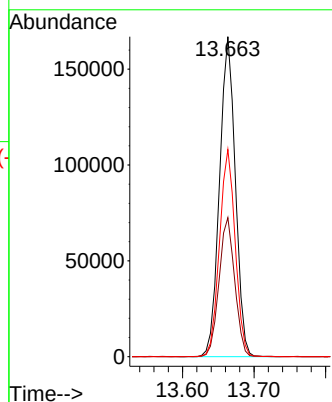
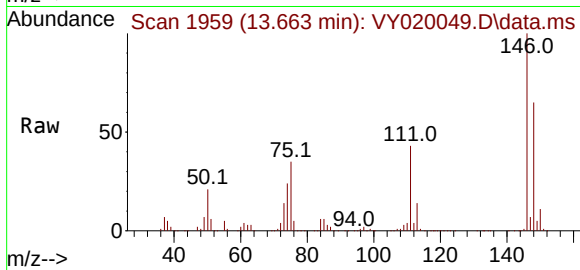
Tgt Ion:146 Resp: 256423

Ion Ratio Lower Upper

146 100

111 43.2 19.9 59.7

148 64.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.217 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

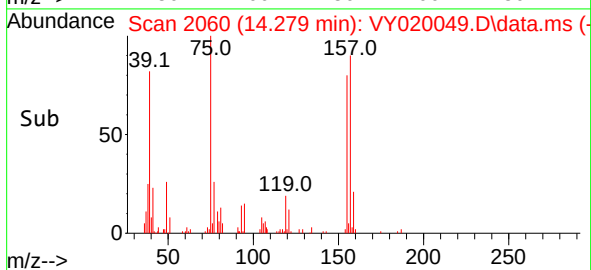
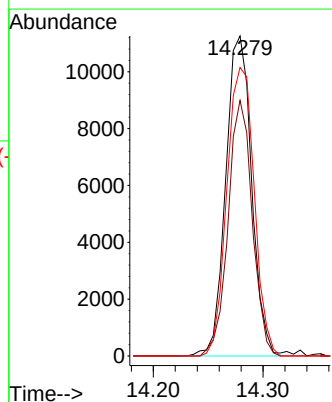
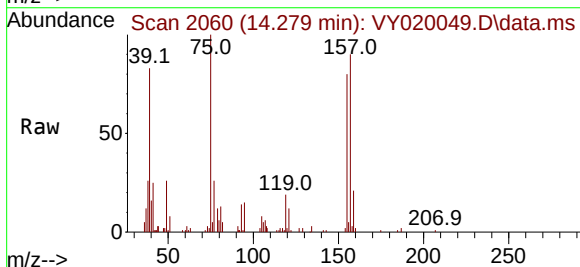
Tgt Ion: 75 Resp: 18449

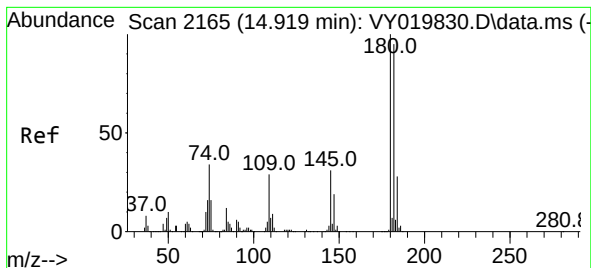
Ion Ratio Lower Upper

75 100

155 74.6 48.6 145.8

157 95.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.819 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

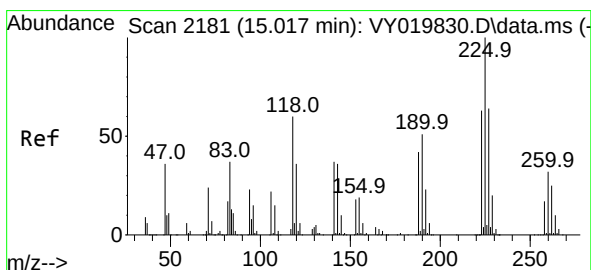
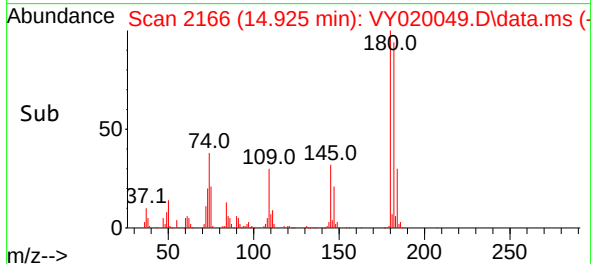
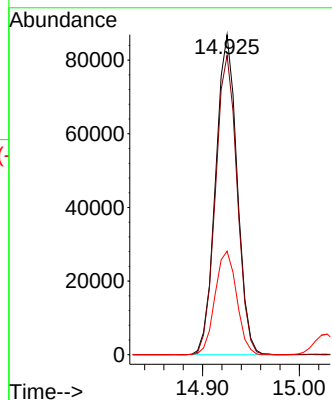
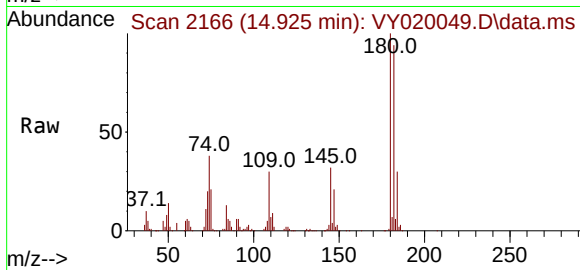
Tgt Ion:180 Resp: 133684

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 32.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.398 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

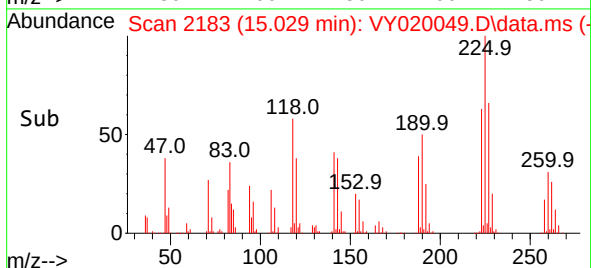
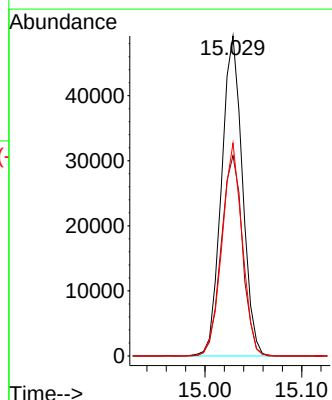
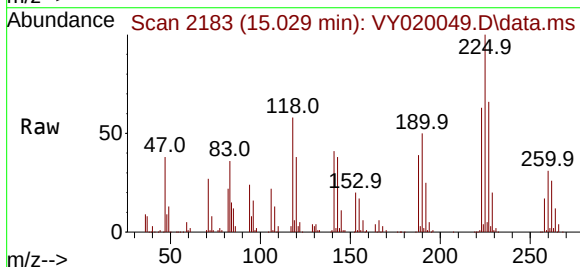
Tgt Ion:225 Resp: 73708

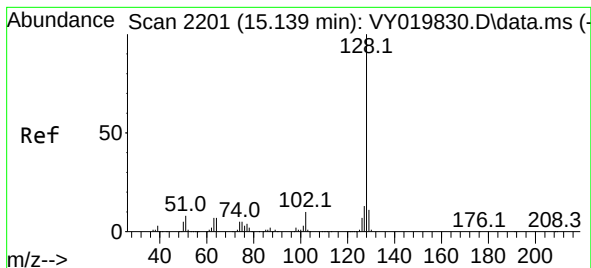
Ion Ratio Lower Upper

225 100

223 63.7 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 51.042 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

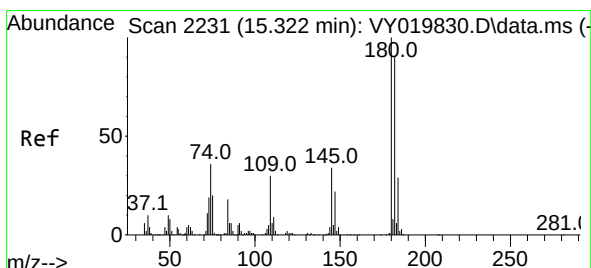
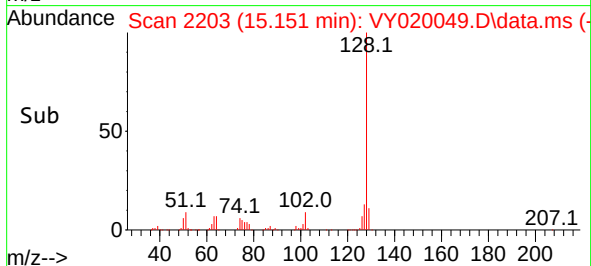
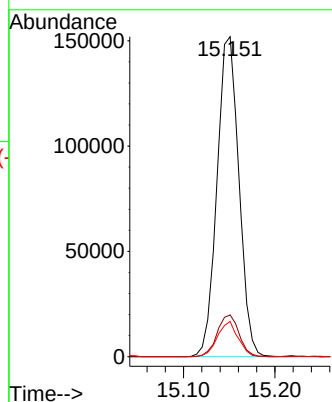
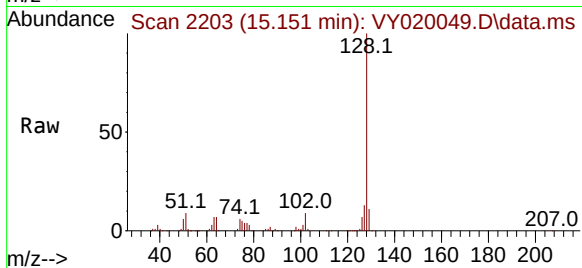
Tgt Ion:128 Resp: 253242

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.206 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020049.D

Acq: 29 Oct 2024 09:31

Tgt Ion:180 Resp: 111645

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 34.7 15.4 46.1

