

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020032.D
 Acq On : 28 Oct 2024 11:02
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 01:54:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	200597	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	351453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	295814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	116184	47.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.640	113	115393	49.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.520%
50) Toluene-d8	10.109	98	403213	47.080	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.407	95	145427	46.994	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	31035	16.619	ug/l	91
3) Chloromethane	2.074	50	39667	16.321	ug/l	93
4) Vinyl Chloride	2.208	62	45770	17.113	ug/l	99
5) Bromomethane	2.598	94	32052	18.933	ug/l	99
6) Chloroethane	2.738	64	33863	18.847	ug/l	97
7) Trichlorofluoromethane	3.062	101	75032	18.854	ug/l	97
8) Diethyl Ether	3.458	74	23615	19.524	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	46136	19.930	ug/l	92
10) Methyl Iodide	4.013	142	35722	15.258	ug/l	89
11) Tert butyl alcohol	4.872	59	20354	90.519	ug/l #	84
12) 1,1-Dichloroethene	3.799	96	37980	17.649	ug/l	85
13) Acrolein	3.659	56	13547	74.643	ug/l	100
14) Allyl chloride	4.397	41	75573	19.463	ug/l #	88
15) Acrylonitrile	5.067	53	61356	110.906	ug/l	95
16) Acetone	3.872	43	81133	126.186	ug/l #	84
17) Carbon Disulfide	4.116	76	60198	10.436	ug/l	100
18) Methyl Acetate	4.397	43	29007	20.943	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	130479	21.104	ug/l	96
20) Methylene Chloride	4.622	84	48334	19.859	ug/l #	82
21) trans-1,2-Dichloroethene	5.122	96	40487	17.286	ug/l	93
22) Diisopropyl ether	6.024	45	192184	22.723	ug/l	92
23) Vinyl Acetate	5.970	43	515221	106.262	ug/l #	89
24) 1,1-Dichloroethane	5.927	63	101708	21.634	ug/l	94
25) 2-Butanone	6.896	43	103284	120.010	ug/l #	82
26) 2,2-Dichloropropane	6.890	77	86311	20.614	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	60239	20.812	ug/l	84
28) Bromochloromethane	7.250	49	45912	22.187	ug/l #	71
29) Tetrahydrofuran	7.262	42	51566	104.937	ug/l #	81
30) Chloroform	7.427	83	108831	22.709	ug/l	97
31) Cyclohexane	7.707	56	70435	17.067	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	88545	21.082	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	65595	19.632	ug/l	93
37) Ethyl Acetate	6.988	43	39591	22.724	ug/l #	92
38) Carbon Tetrachloride	7.823	117	73988	20.656	ug/l	98
39) Methylcyclohexane	9.115	83	71437	16.969	ug/l	85
40) Benzene	8.085	78	203054	20.081	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	22072	23.407	ug/l #	83
42) 1,2-Dichloroethane	8.164	62	62181	21.404	ug/l	95
43) Isopropyl Acetate	8.201	43	73461	20.675	ug/l #	90
44) Trichloroethene	8.872	130	46482	18.979	ug/l	86
45) 1,2-Dichloropropane	9.146	63	55584	21.962	ug/l	99
46) Dibromomethane	9.237	93	28598	20.681	ug/l	89
47) Bromodichloromethane	9.426	83	83153	22.655	ug/l	98
48) Methyl methacrylate	9.225	41	32581	20.846	ug/l #	81
49) 1,4-Dioxane	9.231	88	6247	403.636	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	205440	113.357	ug/l	89
52) Toluene	10.176	92	129047	20.445	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	67431	20.418	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	80401	20.633	ug/l #	83
55) 1,1,2-Trichloroethane	10.572	97	40089	22.004	ug/l	92
56) Ethyl methacrylate	10.438	69	54665	20.911	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	69809	21.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	130240	107.019	ug/l	92
59) 2-Hexanone	10.761	43	158319	122.309	ug/l	86
60) Dibromochloromethane	10.914	129	50247	21.488	ug/l	99
61) 1,2-Dibromoethane	11.017	107	33148	20.135	ug/l	98
64) Tetrachloroethene	10.652	164	39913	18.969	ug/l	94
65) Chlorobenzene	11.444	112	144999	21.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	51226	22.378	ug/l	99
67) Ethyl Benzene	11.524	91	263771	21.461	ug/l	98
68) m/p-Xylenes	11.633	106	188291	41.481	ug/l	91
69) o-Xylene	11.956	106	92029	21.101	ug/l	91
70) Styrene	11.975	104	159728	21.708	ug/l	95
71) Bromoform	12.133	173	25963	21.186	ug/l #	100
73) Isopropylbenzene	12.255	105	261201	21.252	ug/l	97
74) N-amyl acetate	12.072	43	66538	20.440	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	48903	22.393	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	61869	21.614	ug/l #	100
77) Bromobenzene	12.536	156	52388	20.087	ug/l	80
78) n-propylbenzene	12.596	91	322402	21.709	ug/l	95
79) 2-Chlorotoluene	12.682	91	177386	20.835	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	209093	21.066	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	14481	20.420	ug/l #	76
82) 4-Chlorotoluene	12.779	91	188444	21.647	ug/l	95
83) tert-Butylbenzene	12.999	119	192975	21.702	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	209092	21.247	ug/l	97
85) sec-Butylbenzene	13.176	105	297318	22.380	ug/l	96
86) p-Isopropyltoluene	13.291	119	234698	21.756	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	110766	21.030	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	109876	21.235	ug/l	95
89) n-Butylbenzene	13.621	91	237339	22.531	ug/l	97
90) Hexachloroethane	13.877	117	46832	22.294	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	99945	21.596	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7553	21.671	ug/l	71
93) 1,2,4-Trichlorobenzene	14.925	180	52715	20.314	ug/l	96
94) Hexachlorobutadiene	15.023	225	30493	21.136	ug/l	99
95) Naphthalene	15.145	128	100388	20.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	45531	20.756	ug/l	98

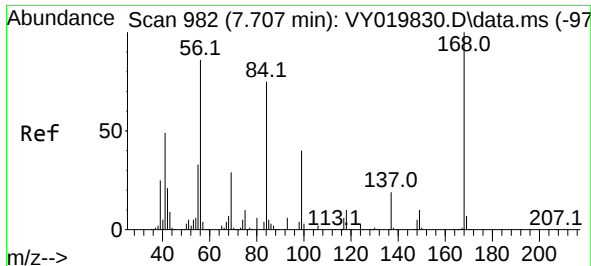
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
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Response via : Initial Calibration

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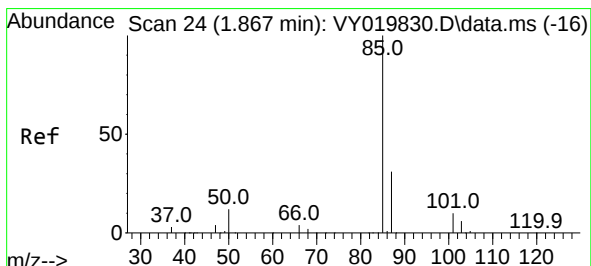
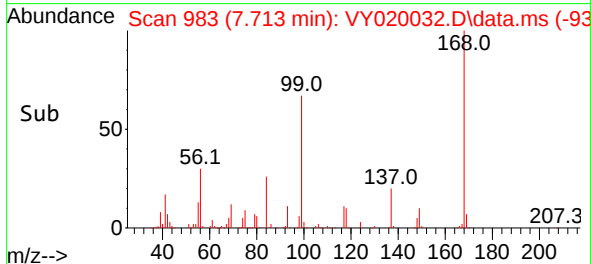
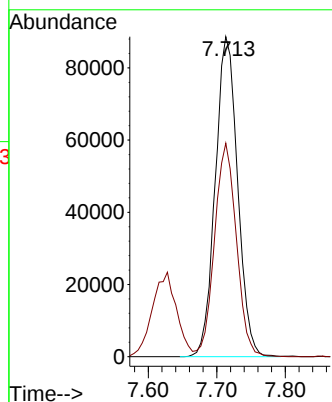
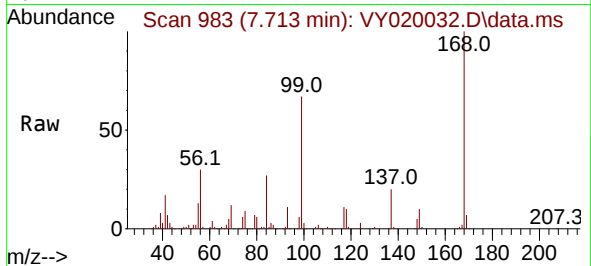
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

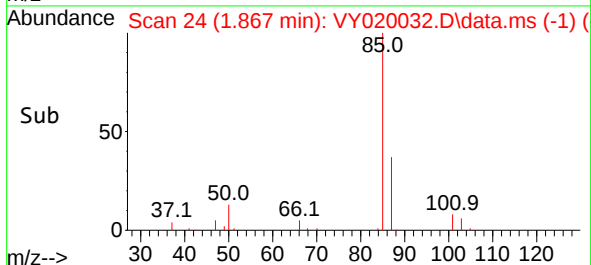
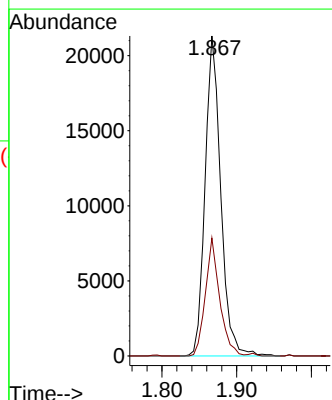
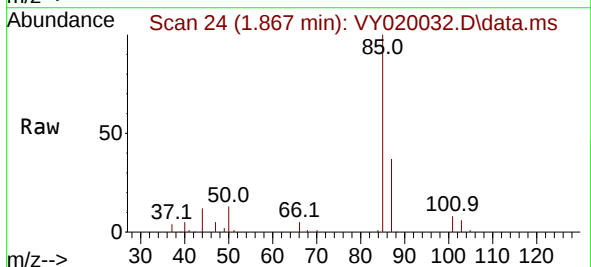
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ClientSampleId :

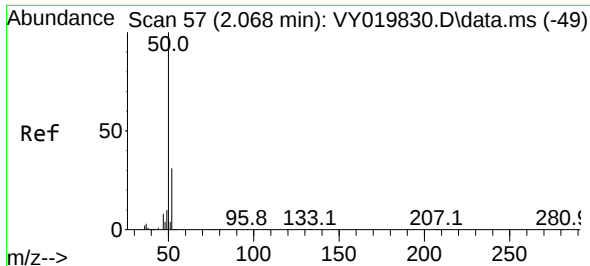
Tgt Ion:168 Resp: 200597
Ion Ratio Lower Upper
168 100
99 66.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 16.619 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 85 Resp: 31035
Ion Ratio Lower Upper
85 100
87 36.8 16.0 48.0

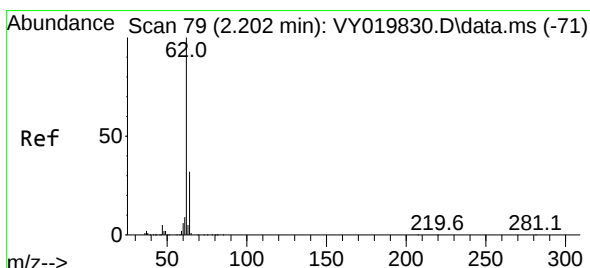
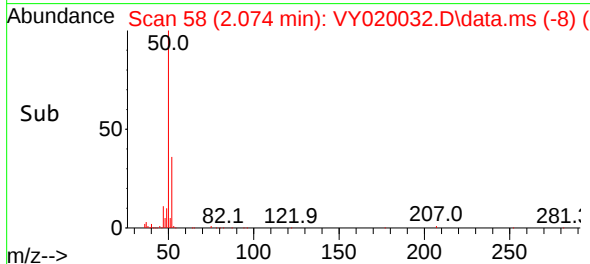
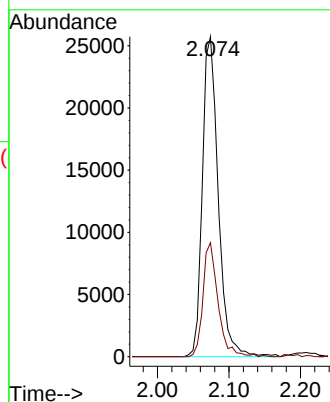
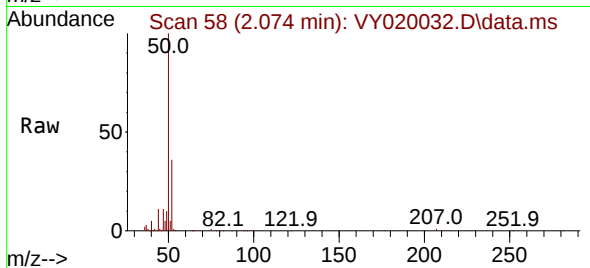




#3
Chloromethane
Concen: 16.321 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

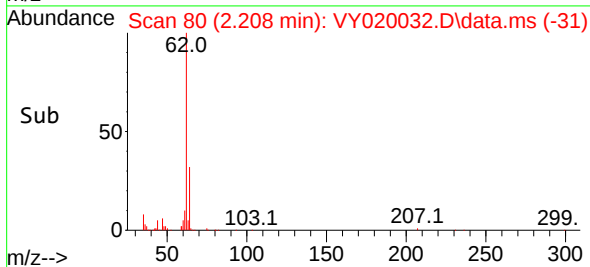
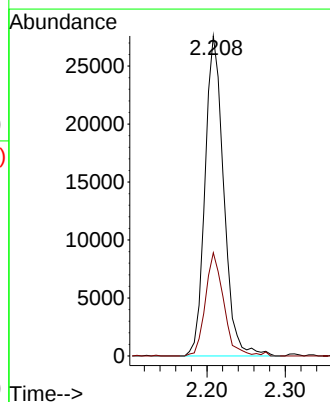
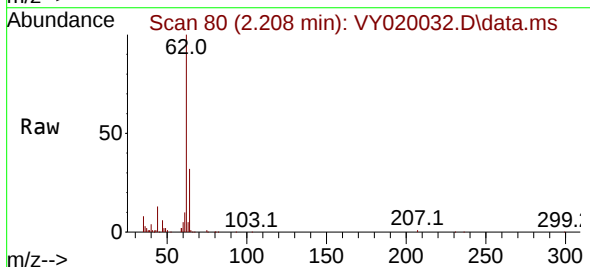
Instrument :
MSVOA_Y
ClientSampleId :

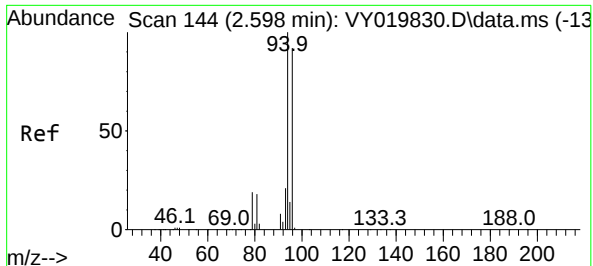
Tgt Ion: 50 Resp: 39667
Ion Ratio Lower Upper
50 100
52 35.6 25.6 38.4



#4
Vinyl Chloride
Concen: 17.113 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 62 Resp: 45770
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1

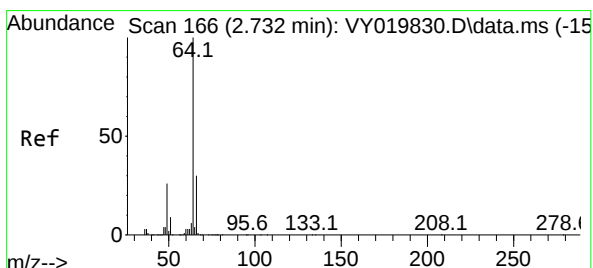
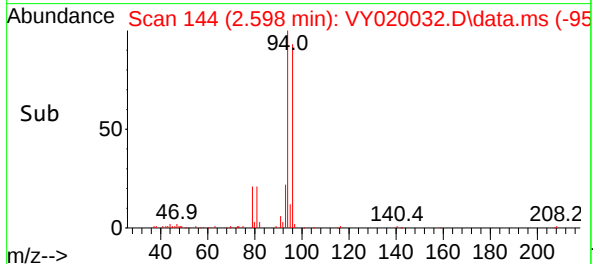
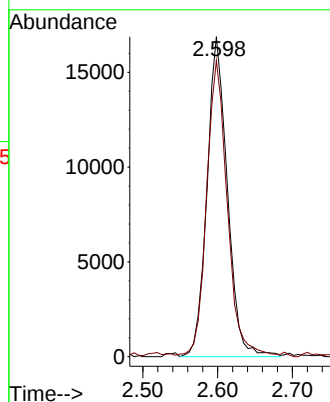
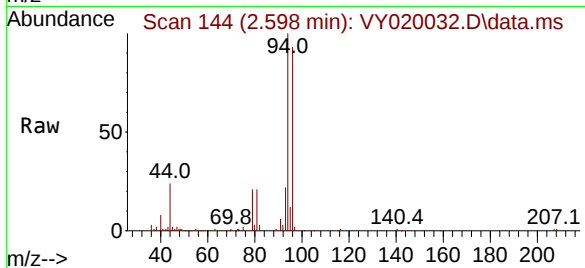




#5
Bromomethane
Concen: 18.933 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

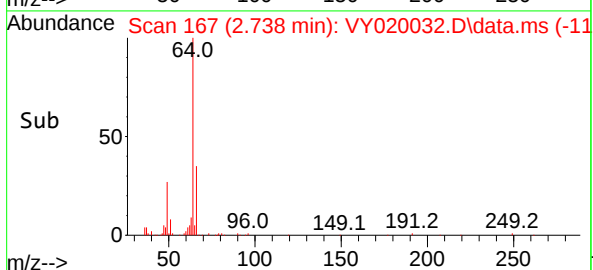
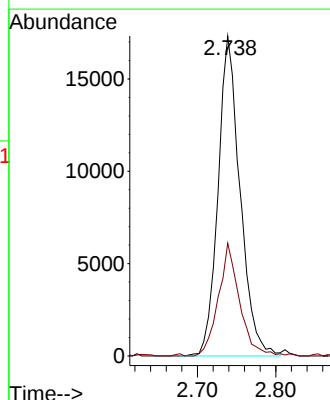
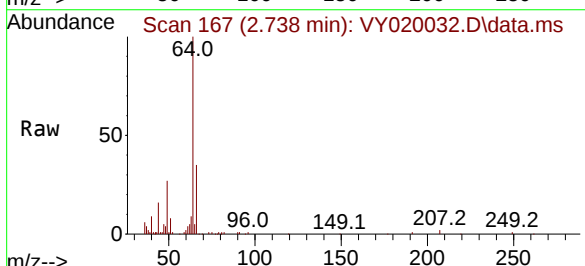
Instrument :
MSVOA_Y
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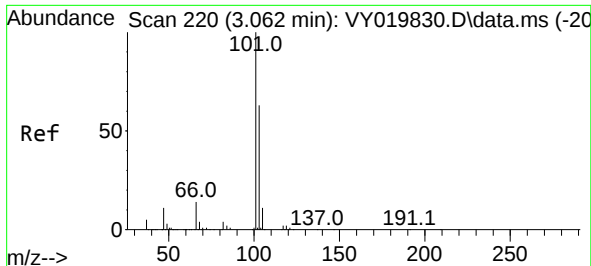
Tgt Ion: 94 Resp: 32052
Ion Ratio Lower Upper
94 100
96 91.8 74.1 111.1



#6
Chloroethane
Concen: 18.847 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 64 Resp: 33863
Ion Ratio Lower Upper
64 100
66 34.5 26.1 39.1

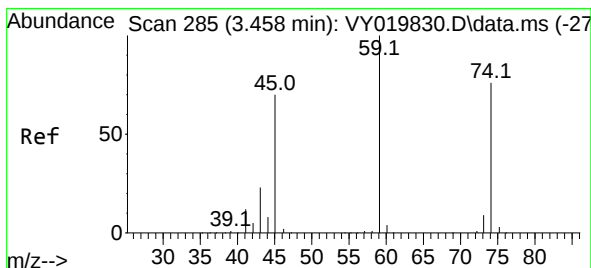
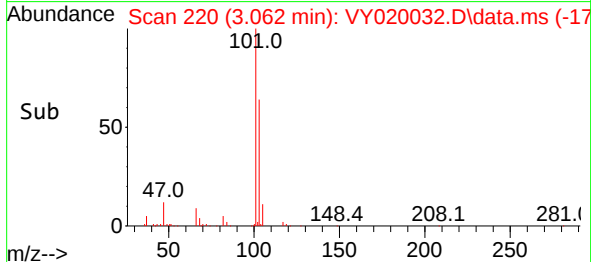
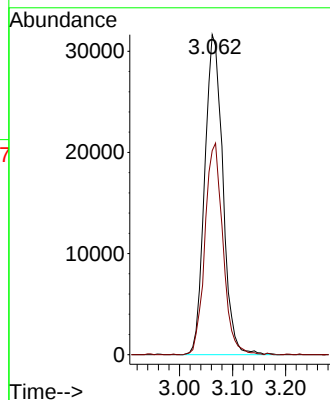
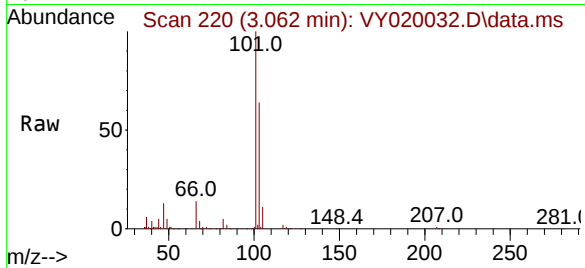




#7
 Trichlorofluoromethane
 Concen: 18.854 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020032.D
 Acq: 28 Oct 2024 11:02

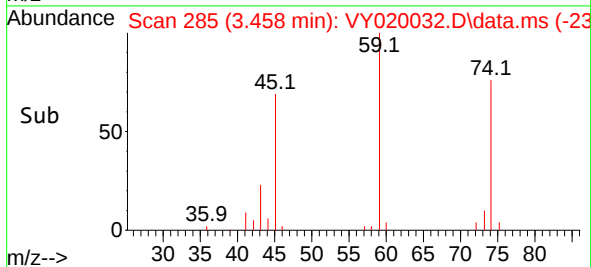
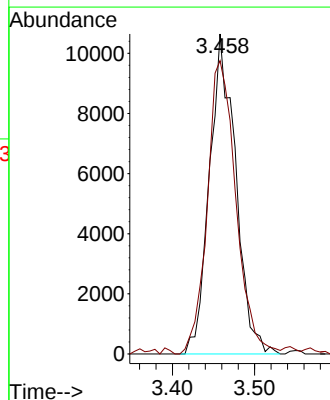
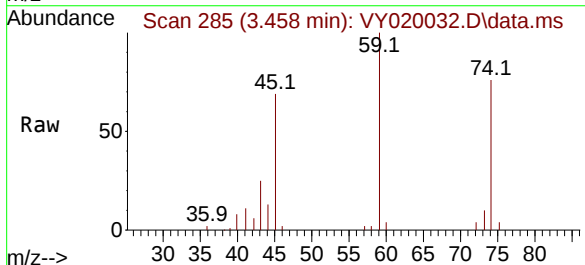
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 75032
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.524 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020032.D
 Acq: 28 Oct 2024 11:02

Tgt Ion: 74 Resp: 23615
 Ion Ratio Lower Upper
 74 100
 45 100.0 41.3 124.1

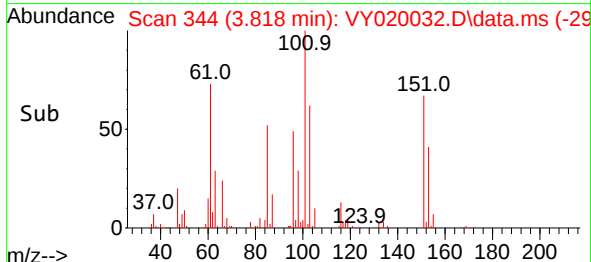
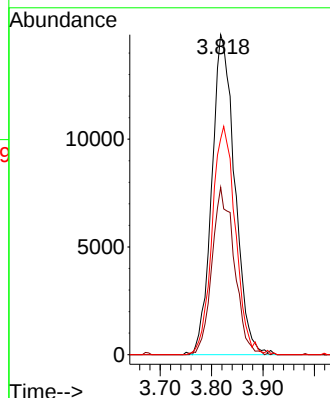
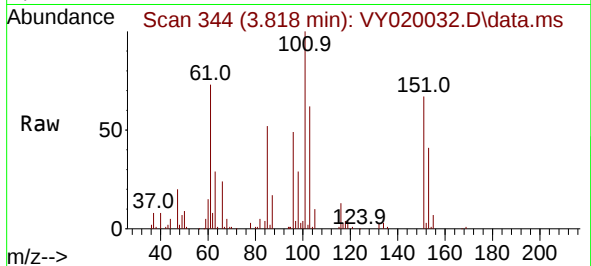




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.930 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020032.D
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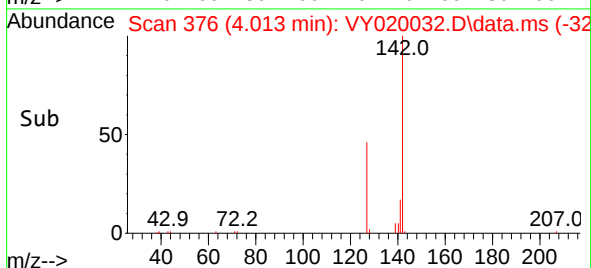
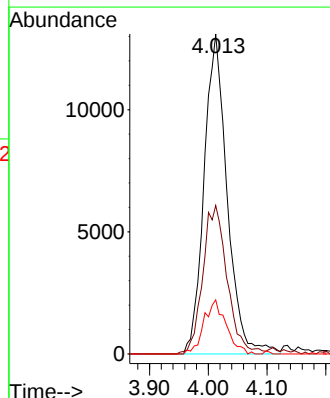
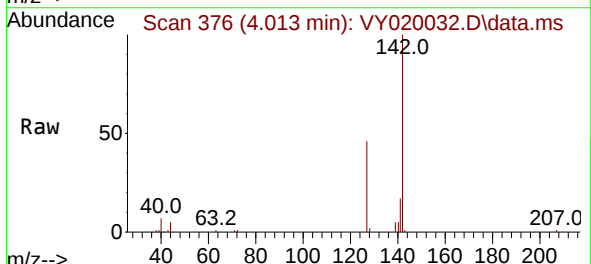
Instrument :
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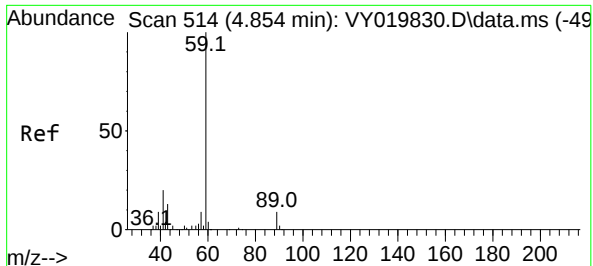
Tgt Ion:101 Resp: 46136
Ion Ratio Lower Upper
101 100
85 50.7 34.5 51.7
151 72.3 61.7 92.5



#10
Methyl Iodide
Concen: 15.258 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion:142 Resp: 35722
Ion Ratio Lower Upper
142 100
127 49.0 32.8 49.2
141 16.3 11.4 17.2

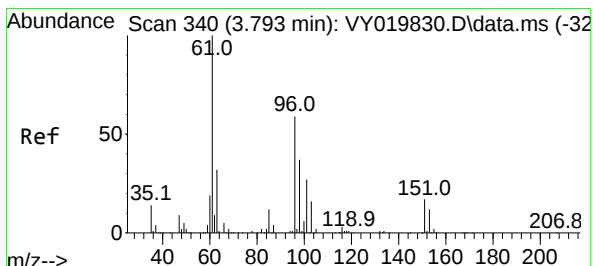
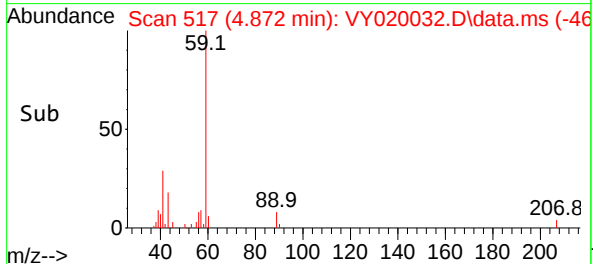
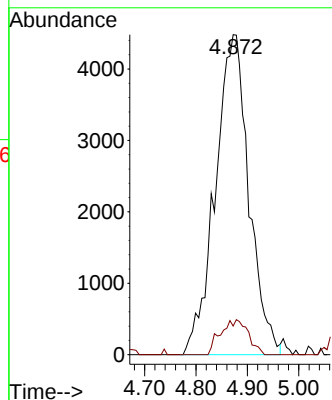
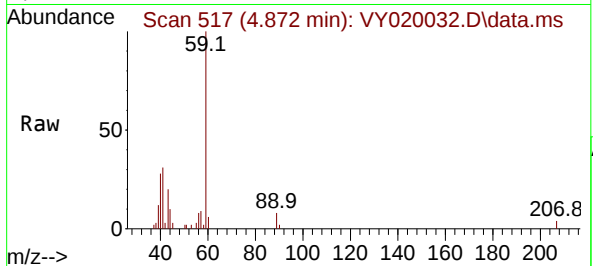




#11
Tert butyl alcohol
Concen: 90.519 ug/l
RT: 4.872 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

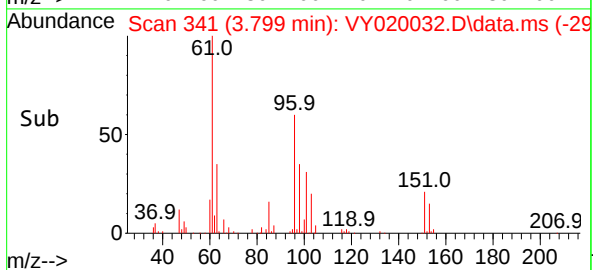
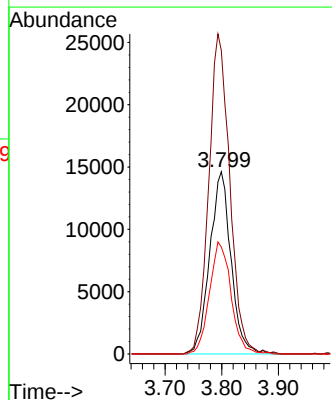
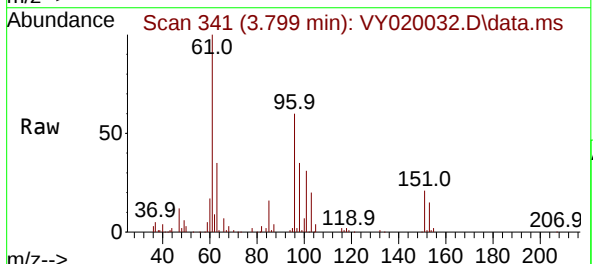
Instrument :
MSVOA_Y
ClientSampleId :

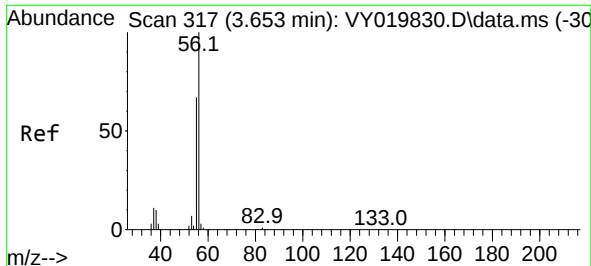
Tgt Ion: 59 Resp: 20354
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 17.649 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 96 Resp: 37980
Ion Ratio Lower Upper
96 100
61 166.5 114.6 171.8
98 58.6 50.8 76.2





#13

Acrolein

Concen: 74.643 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

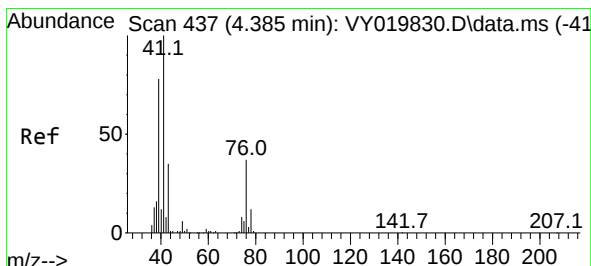
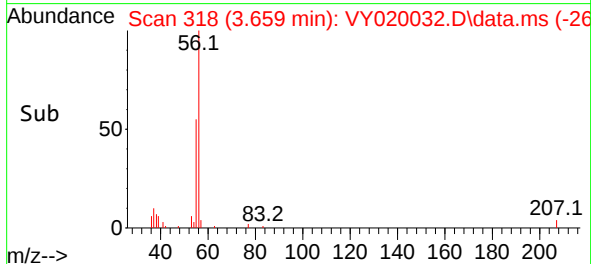
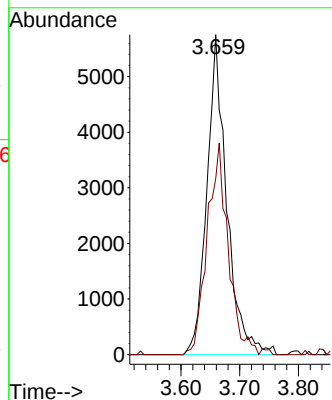
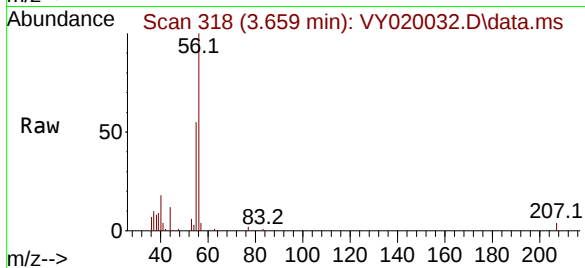
ClientSampleId :

Tgt Ion: 56 Resp: 13547

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 19.463 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

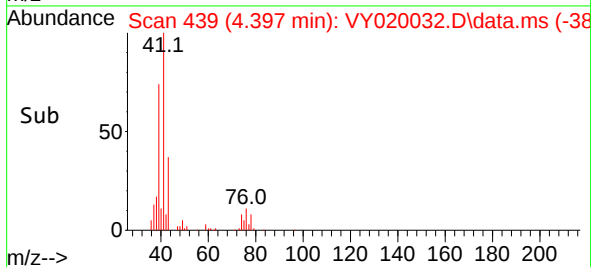
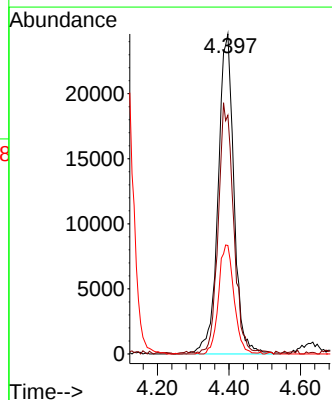
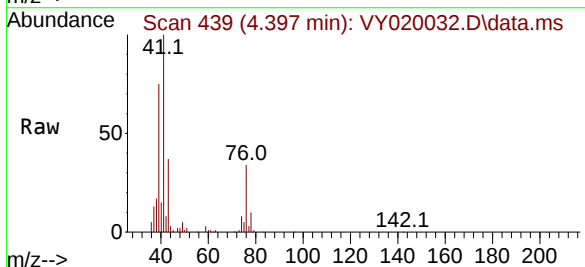
Tgt Ion: 41 Resp: 75573

Ion Ratio Lower Upper

41 100

39 76.5 58.3 87.5

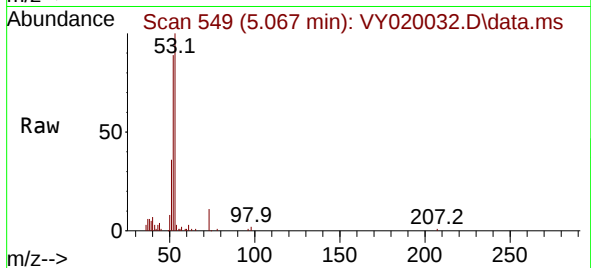
76 33.2 39.0 58.6#



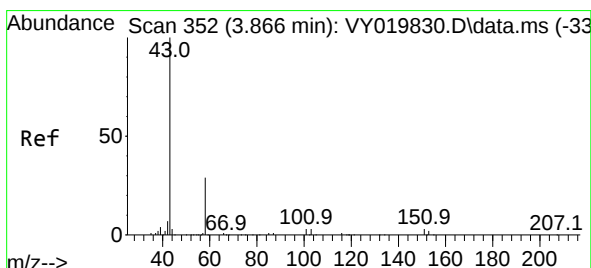
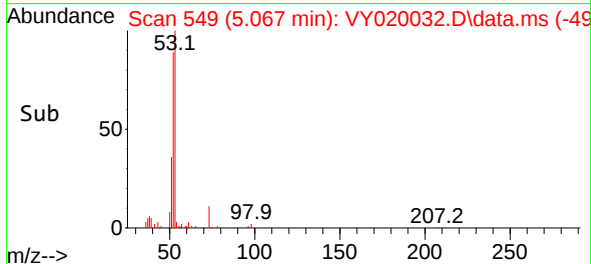
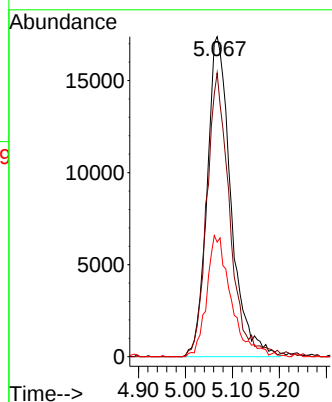


#15
Acrylonitrile
Concen: 110.906 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :

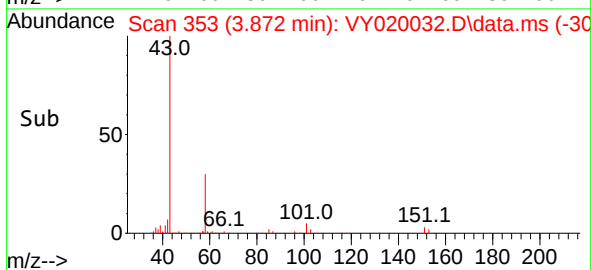
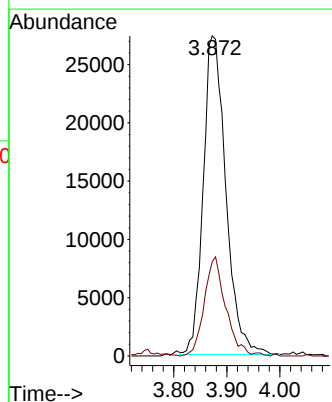
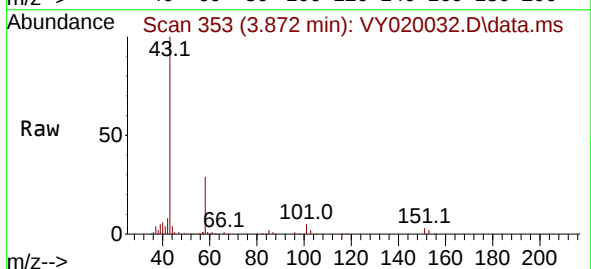


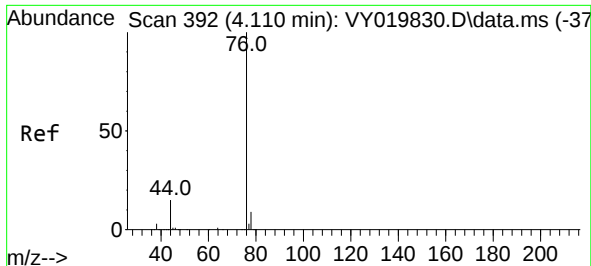
Tgt Ion: 53 Resp: 61356
Ion Ratio Lower Upper
53 100
52 85.1 64.7 97.1
51 38.5 28.4 42.6



#16
Acetone
Concen: 126.186 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 43 Resp: 81133
Ion Ratio Lower Upper
43 100
58 29.6 31.7 47.5#

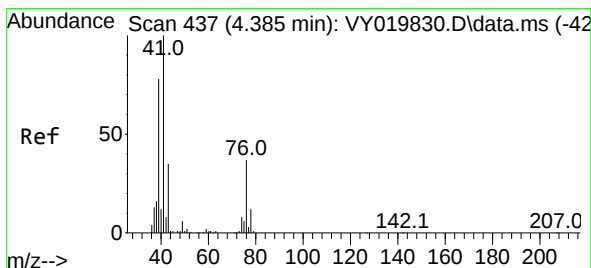
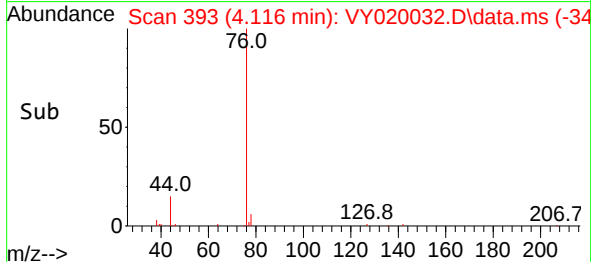
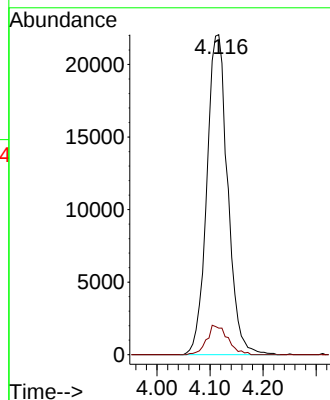
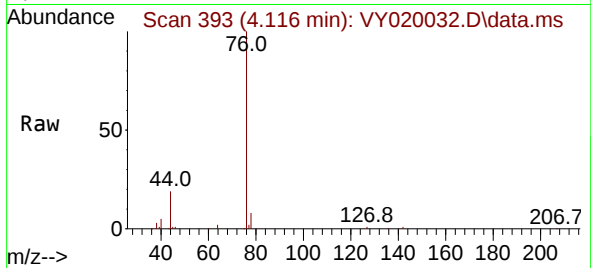




#17
Carbon Disulfide
Concen: 10.436 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

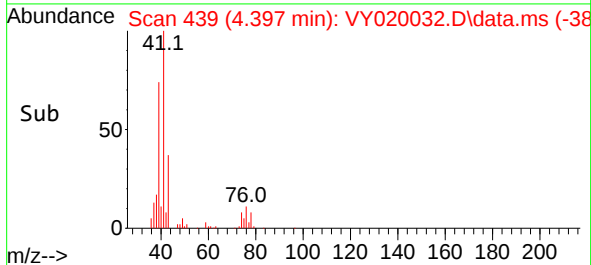
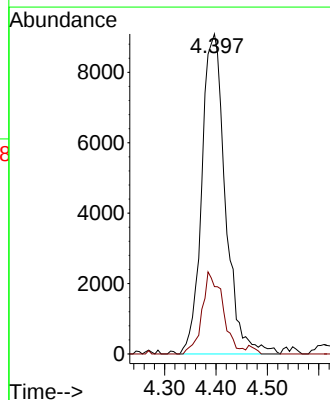
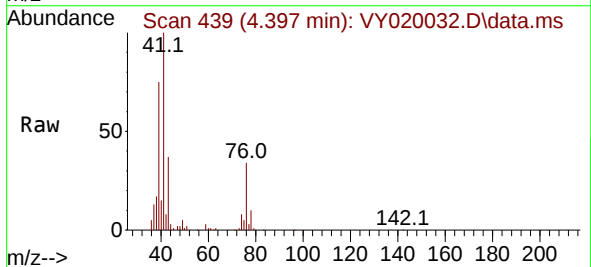
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 60198
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 20.943 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 43 Resp: 29007
Ion Ratio Lower Upper
43 100
74 22.3 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 21.104 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

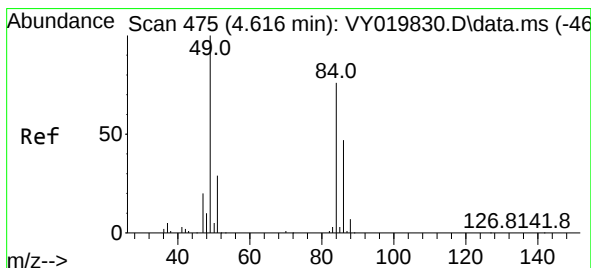
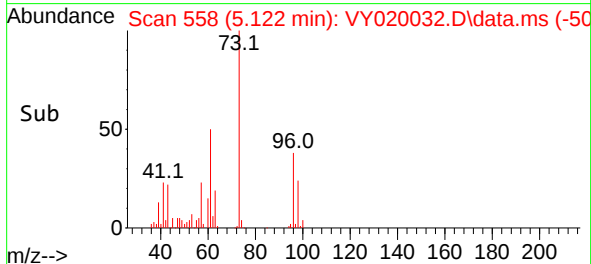
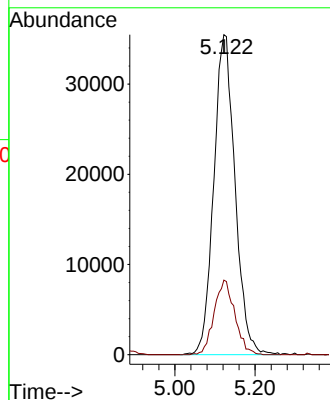
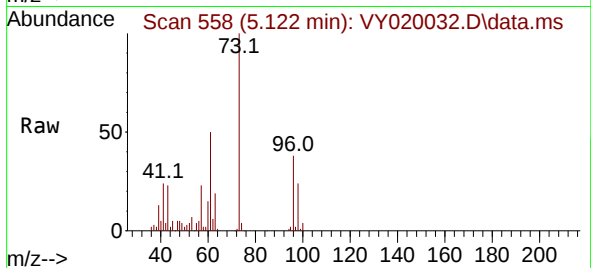
ClientSampleId :

Tgt Ion: 73 Resp: 130479

Ion Ratio Lower Upper

73 100

57 23.3 17.3 25.9



#20

Methylene Chloride

Concen: 19.859 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Tgt Ion: 84 Resp: 48334

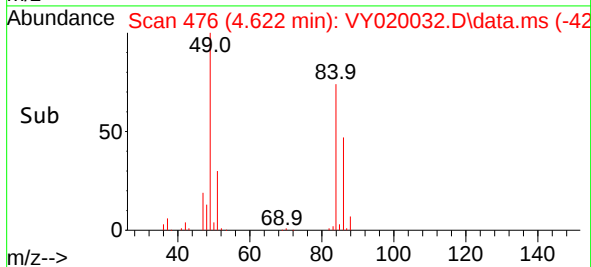
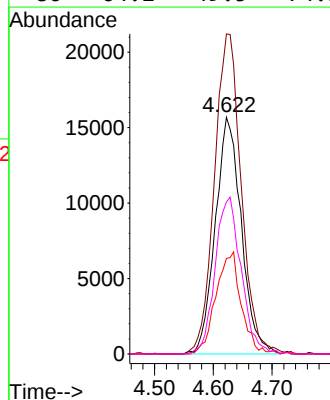
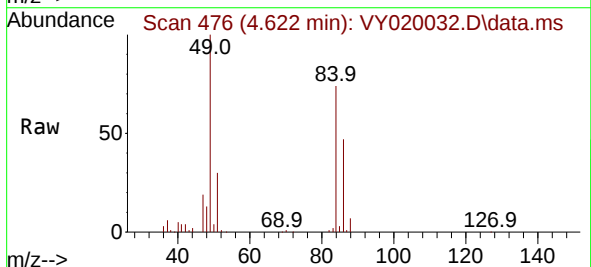
Ion Ratio Lower Upper

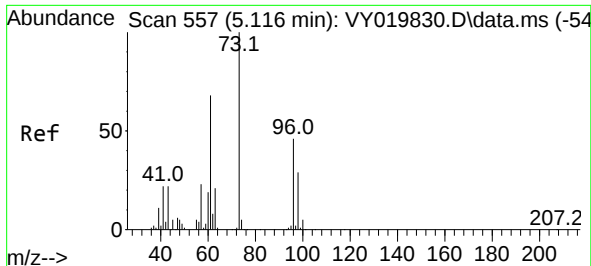
84 100

49 135.2 84.4 126.6#

51 40.4 26.0 39.0#

86 64.2 49.5 74.3

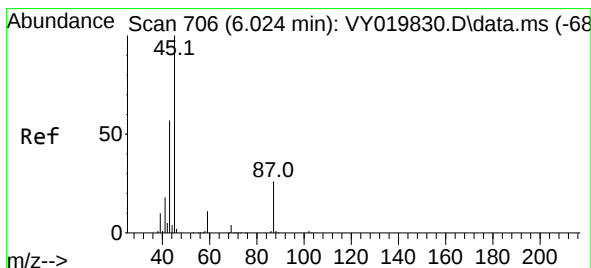
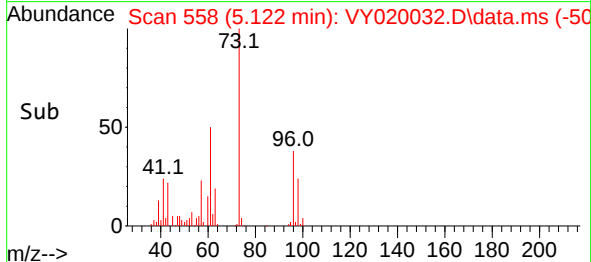
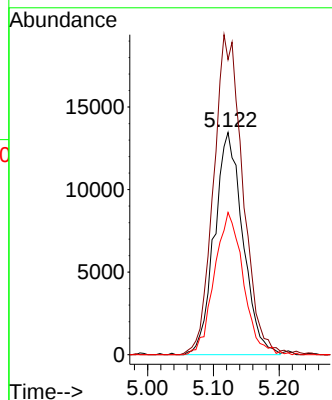
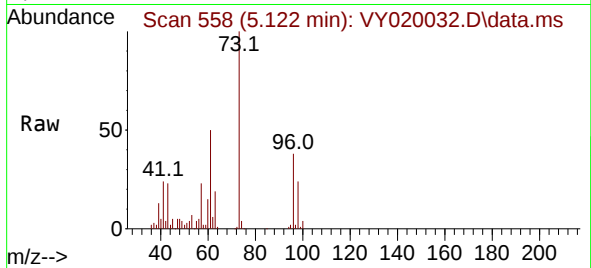




#21
trans-1,2-Dichloroethene
Concen: 17.286 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

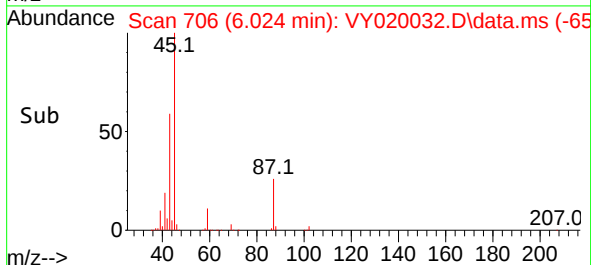
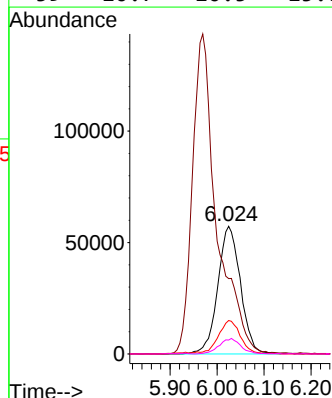
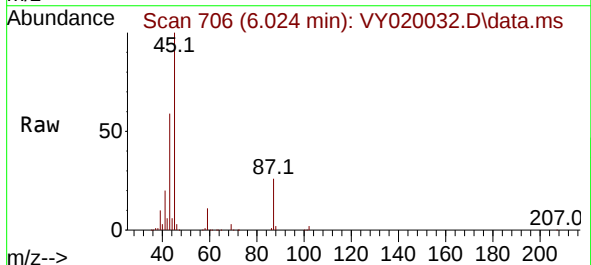
Instrument :
MSVOA_Y
ClientSampleId :

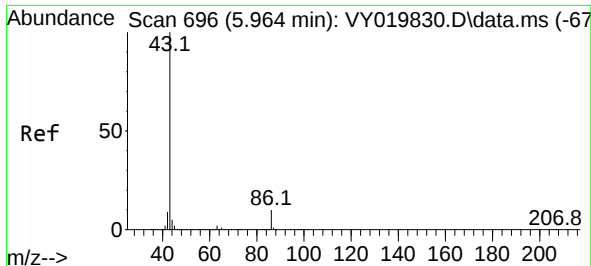
Tgt Ion: 96 Resp: 40487
Ion Ratio Lower Upper
96 100
61 132.7 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 22.723 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 45 Resp: 192184
Ion Ratio Lower Upper
45 100
43 58.2 42.2 63.2
87 26.0 25.0 37.6
59 10.7 10.5 15.7

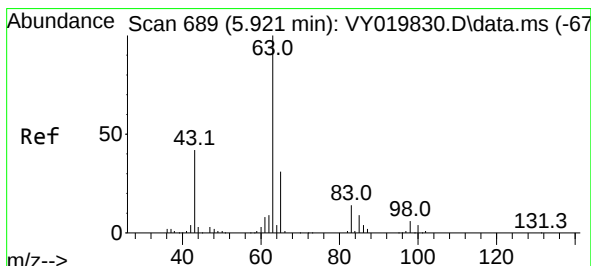
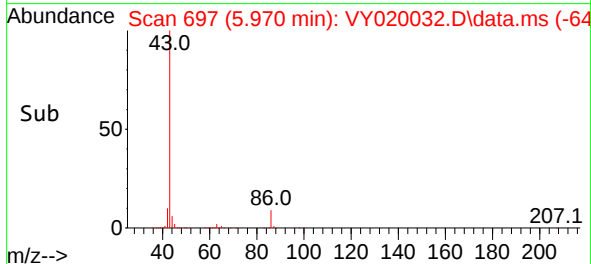
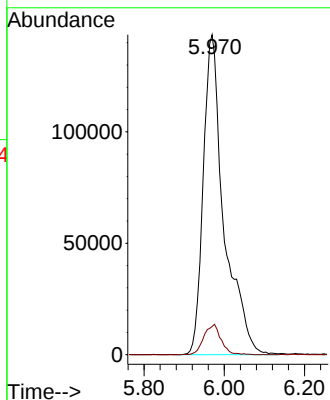
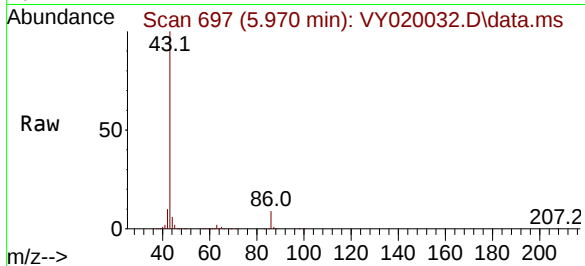




#23
 Vinyl Acetate
 Concen: 106.262 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY020032.D
 Acq: 28 Oct 2024 11:02

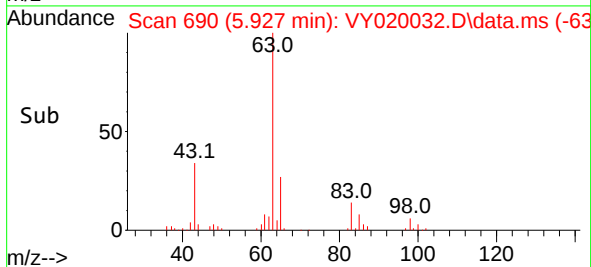
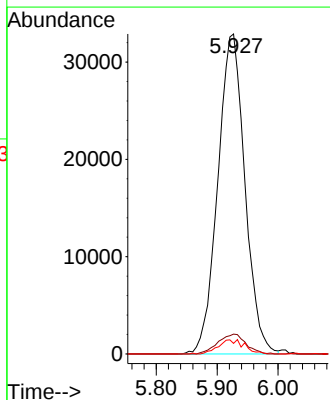
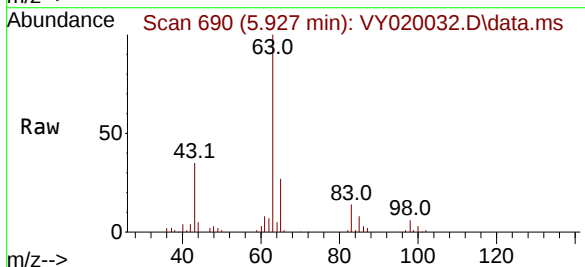
Instrument :
 MSVOA_Y
 ClientSampleId :

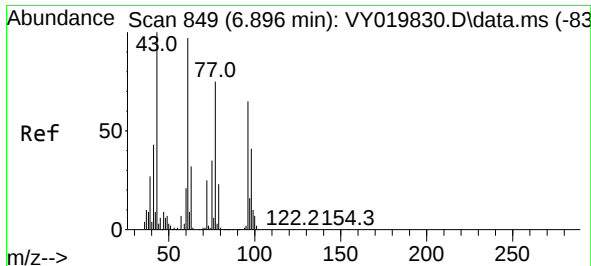
Tgt Ion: 43 Resp: 515221
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.634 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY020032.D
 Acq: 28 Oct 2024 11:02

Tgt Ion: 63 Resp: 101708
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.0 12.2
 100 3.3 2.6 8.0

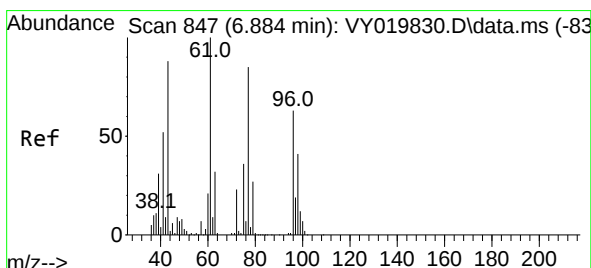
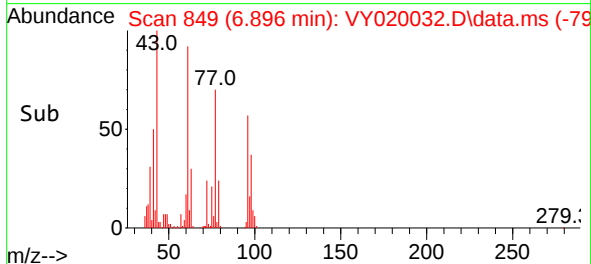
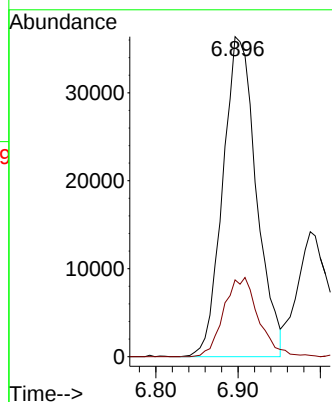
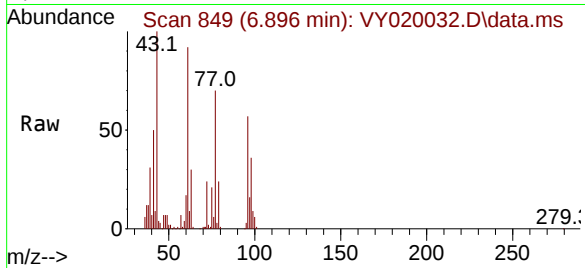




#25
2-Butanone
Concen: 120.010 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

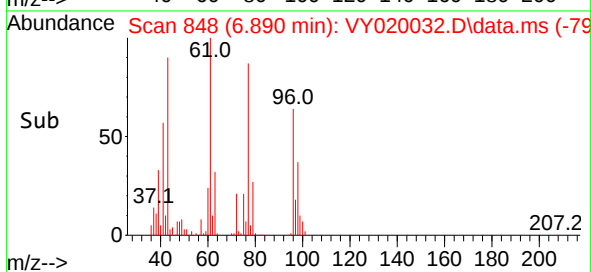
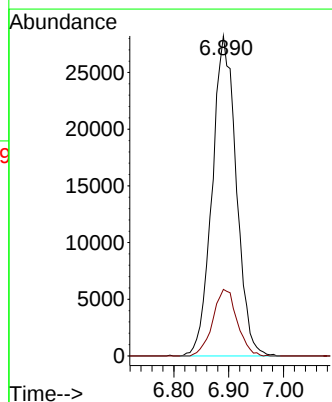
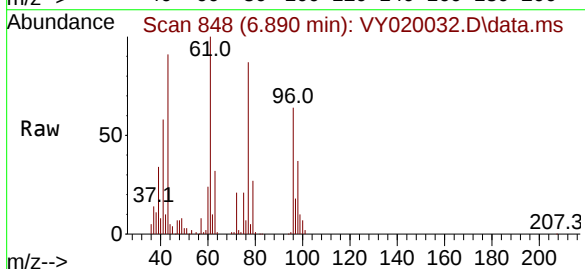
Instrument :
MSVOA_Y
ClientSampleId :

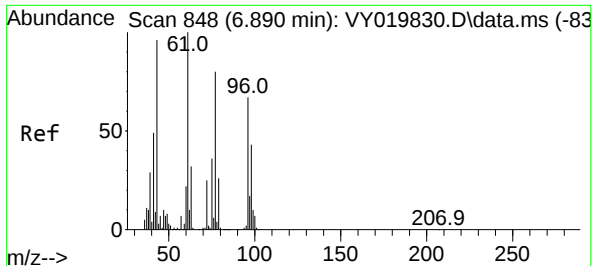
Tgt Ion: 43 Resp: 103284
Ion Ratio Lower Upper
43 100
72 24.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 20.614 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 77 Resp: 86311
Ion Ratio Lower Upper
77 100
97 21.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.812 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

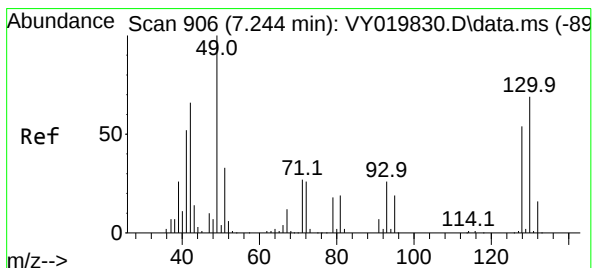
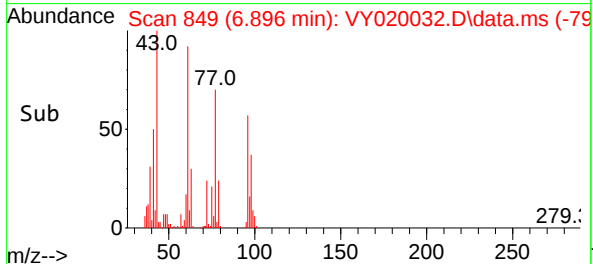
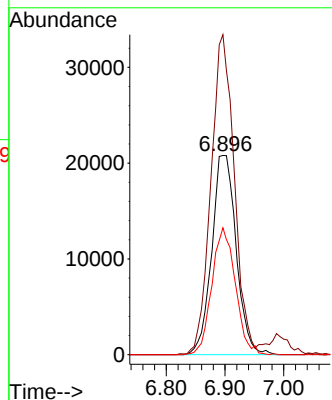
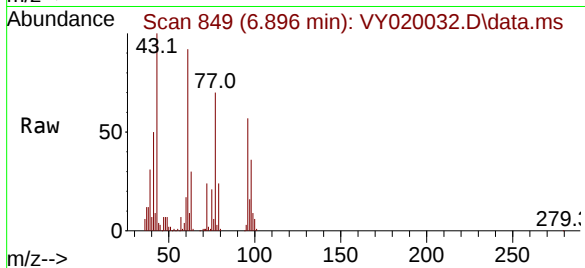
Tgt Ion: 96 Resp: 60239

Ion Ratio Lower Upper

96 100

61 152.8 0.0 256.2

98 61.1 0.0 130.0



#28

Bromochloromethane

Concen: 22.187 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

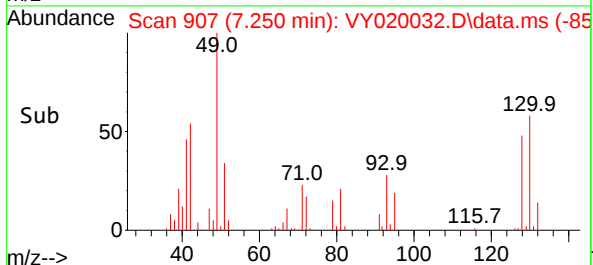
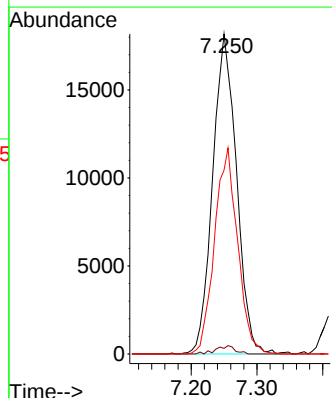
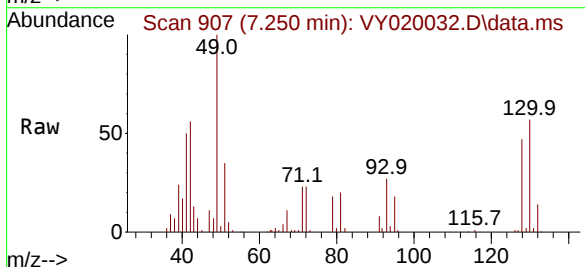
Tgt Ion: 49 Resp: 45912

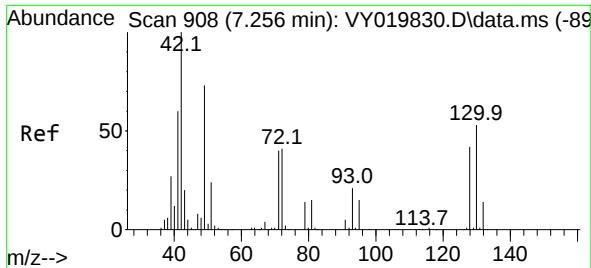
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 62.4 72.7 109.1#





#29

Tetrahydrofuran

Concen: 104.937 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

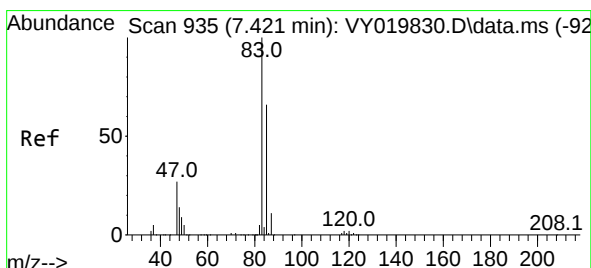
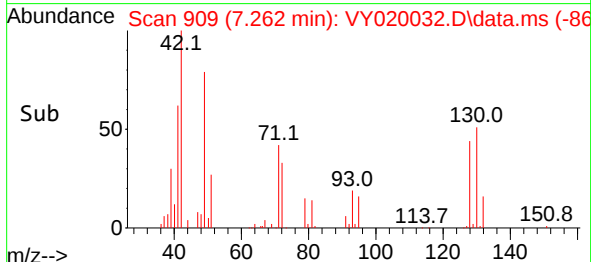
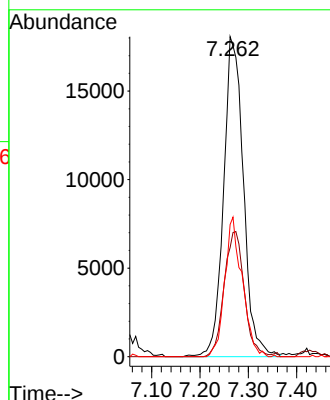
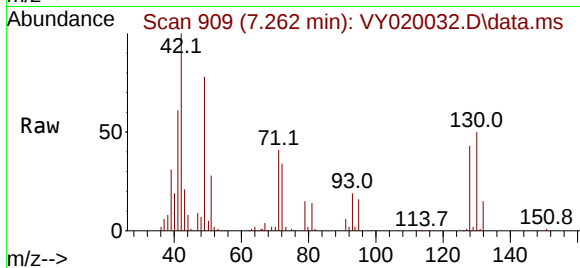
Tgt Ion: 42 Resp: 51566

Ion Ratio Lower Upper

42 100

72 39.7 43.0 64.4#

71 38.5 40.8 61.2#



#30

Chloroform

Concen: 22.709 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020032.D

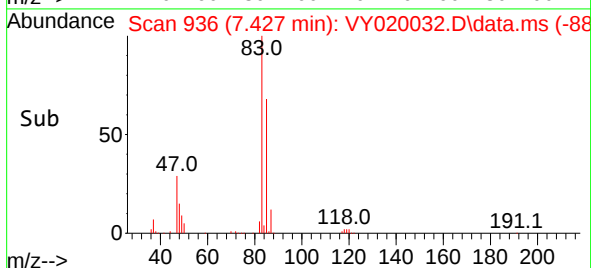
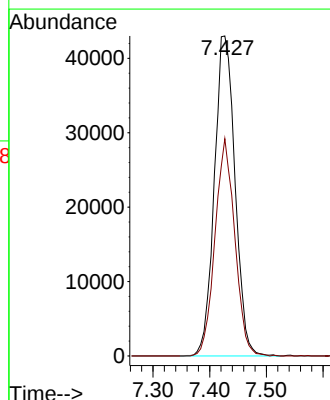
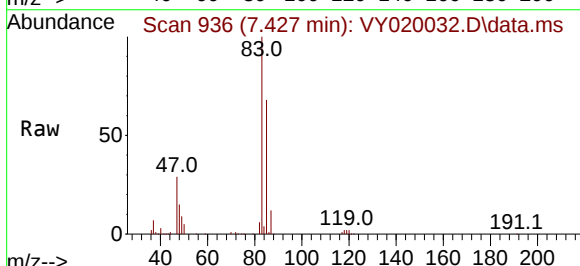
Acq: 28 Oct 2024 11:02

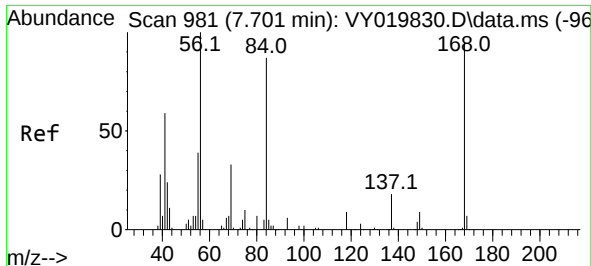
Tgt Ion: 83 Resp: 108831

Ion Ratio Lower Upper

83 100

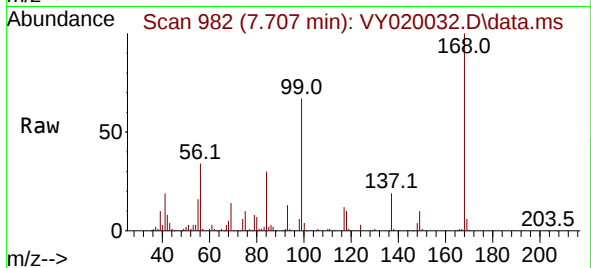
85 67.9 52.2 78.4



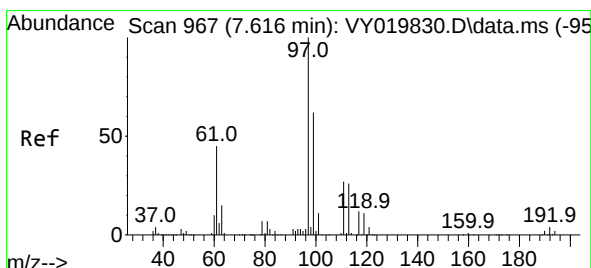
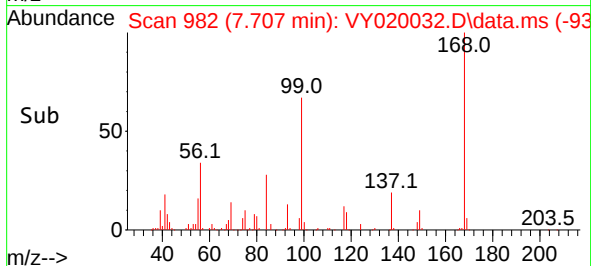
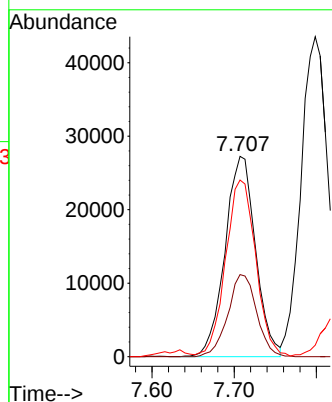


#31
Cyclohexane
Concen: 17.067 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :

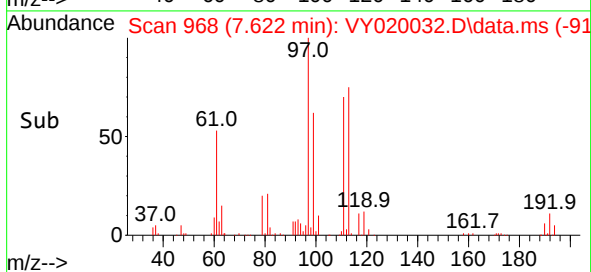
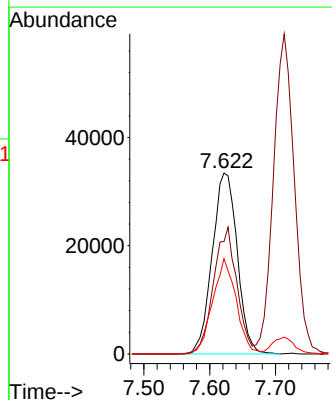
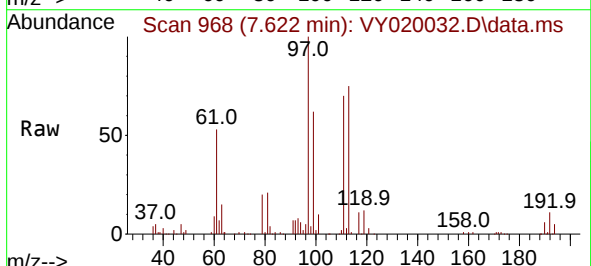


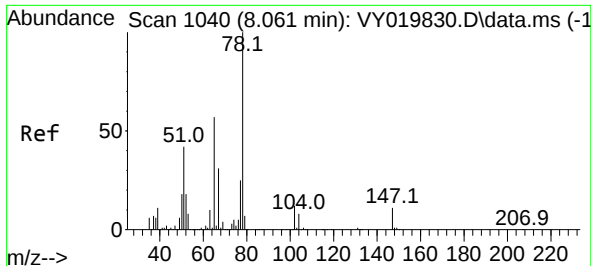
Tgt Ion: 56 Resp: 70435
Ion Ratio Lower Upper
56 100
69 41.0 28.7 43.1
84 86.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.082 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 97 Resp: 88545
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 49.6 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 47.039 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

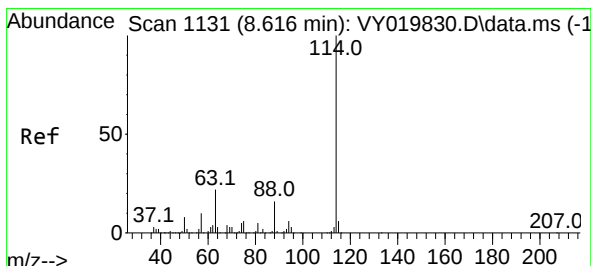
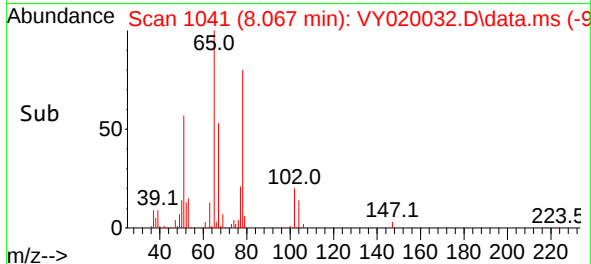
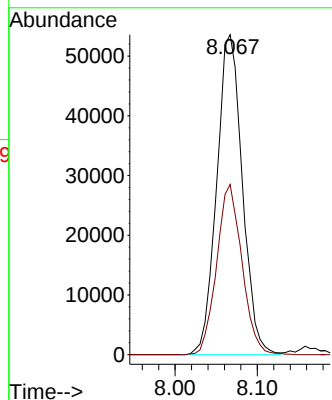
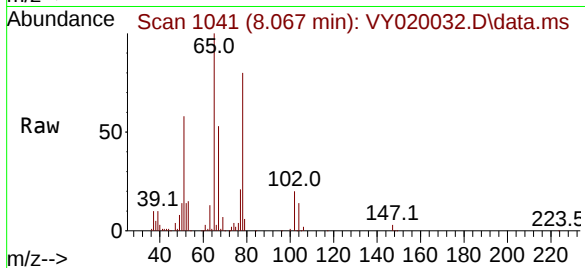
ClientSampleId :

Tgt Ion: 65 Resp: 116184

Ion Ratio Lower Upper

65 100

67 52.5 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: VY020032.D

Acq: 28 Oct 2024 11:02

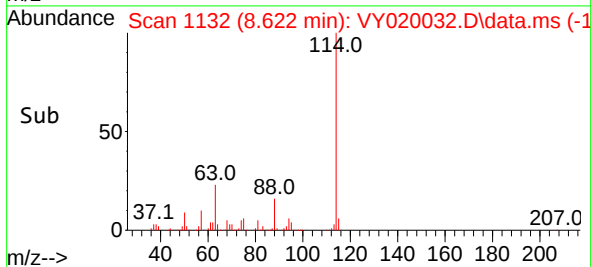
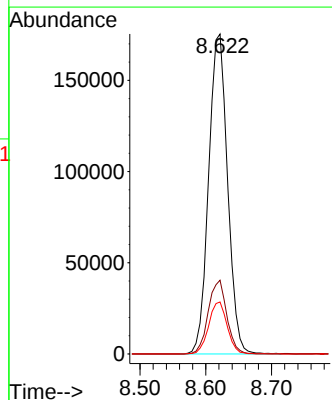
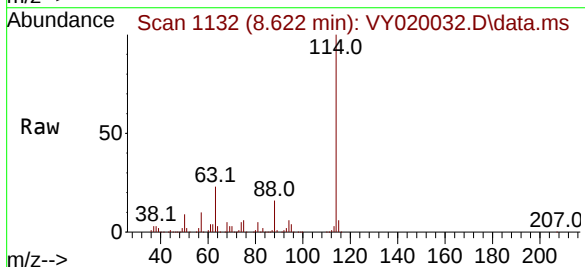
Tgt Ion:114 Resp: 351453

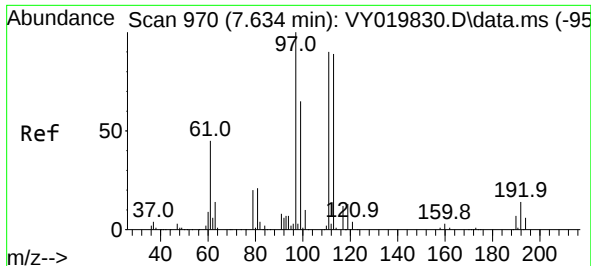
Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

88 16.3 0.0 27.2

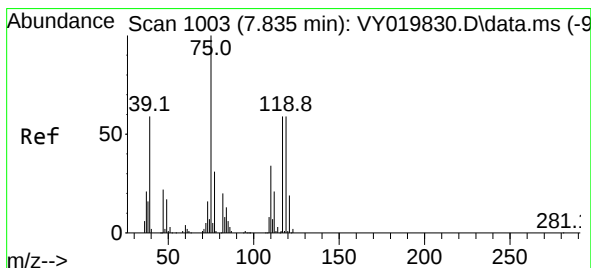
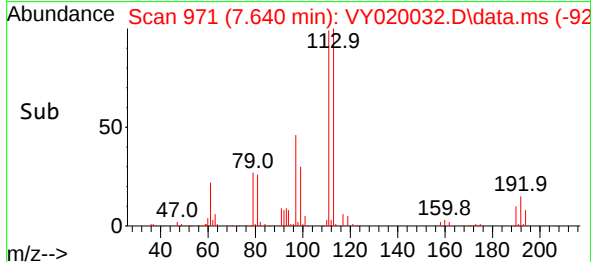
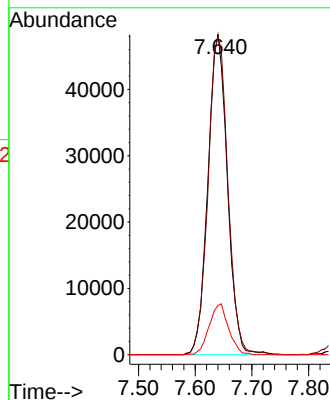
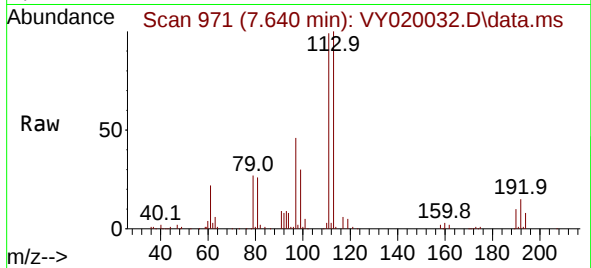




#35
Dibromofluoromethane
Concen: 49.755 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

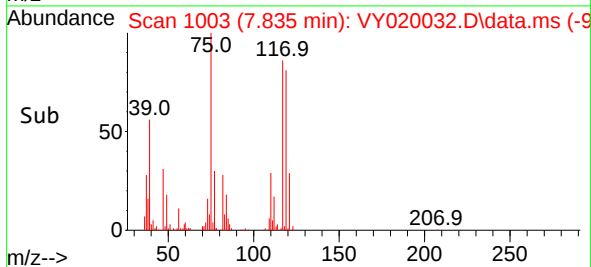
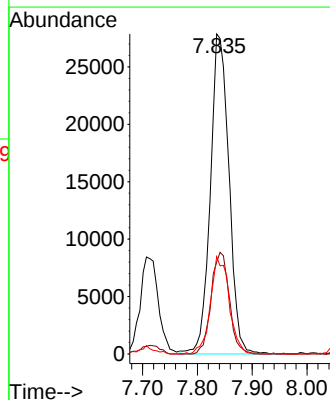
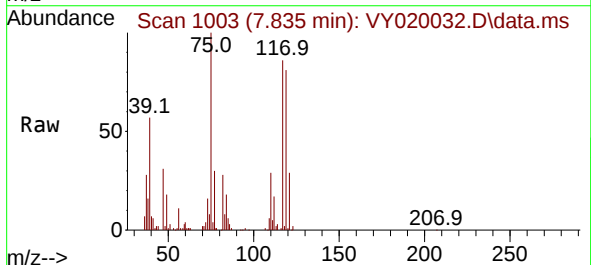
Instrument :
MSVOA_Y
ClientSampleId :

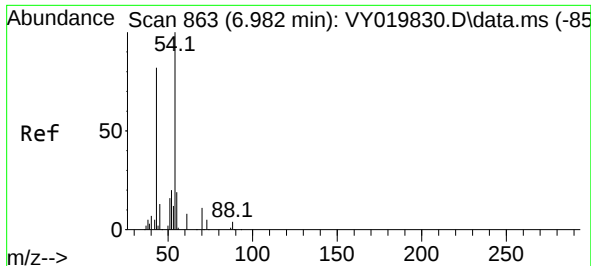
Tgt Ion:113 Resp: 115393
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 15.8 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 19.632 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 75 Resp: 65595
Ion Ratio Lower Upper
75 100
110 30.8 19.0 57.0
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 22.724 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

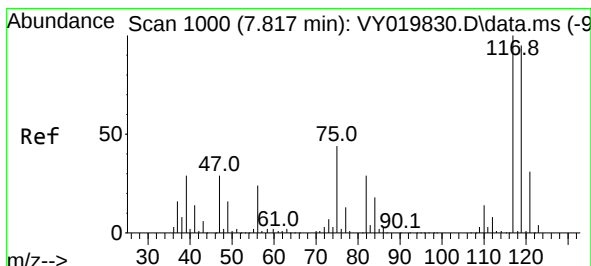
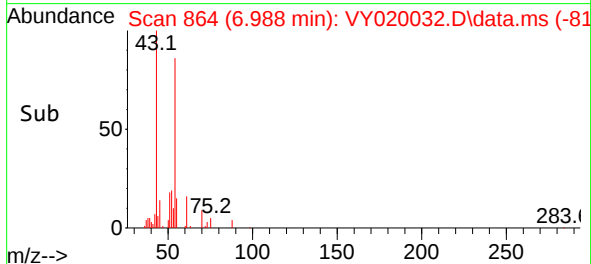
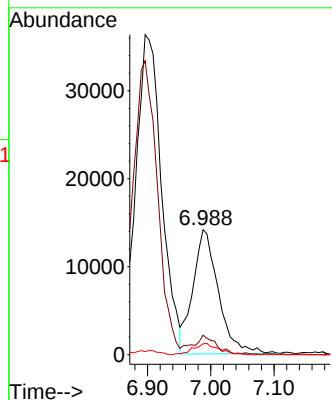
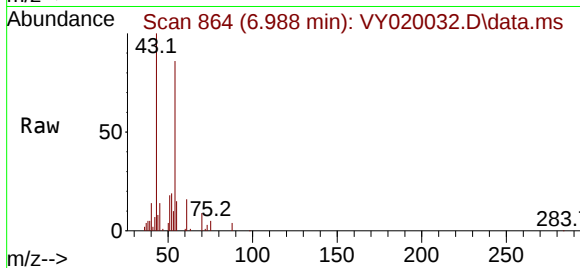
Tgt Ion: 43 Resp: 39591

Ion Ratio Lower Upper

43 100

61 11.0 12.6 19.0#

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.656 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

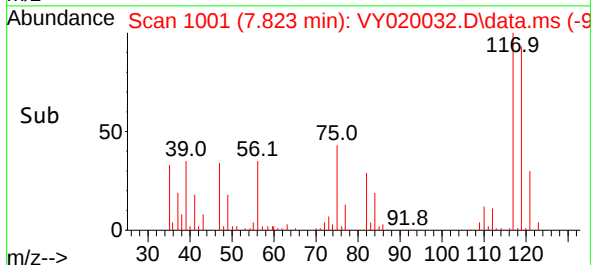
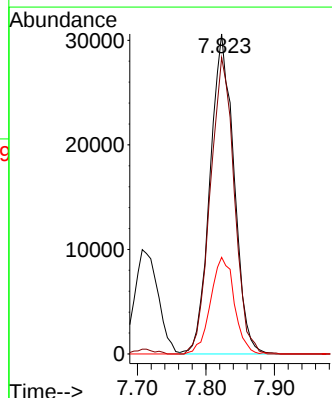
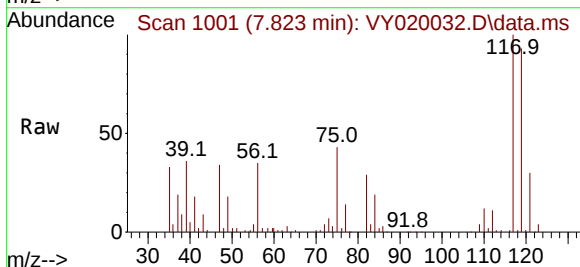
Tgt Ion: 117 Resp: 73988

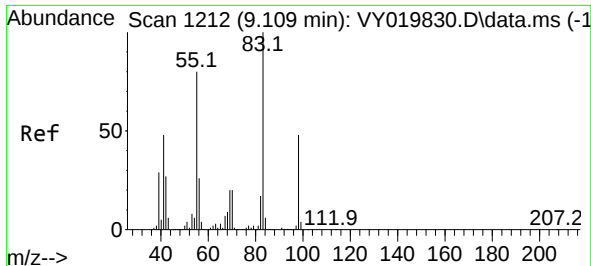
Ion Ratio Lower Upper

117 100

119 92.6 75.8 113.6

121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 16.969 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

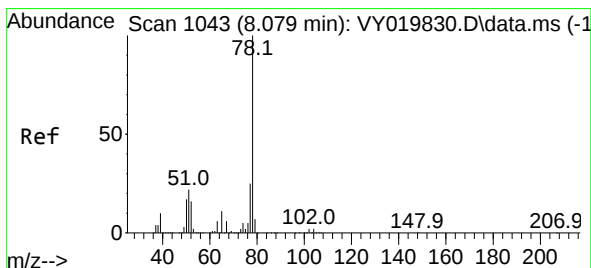
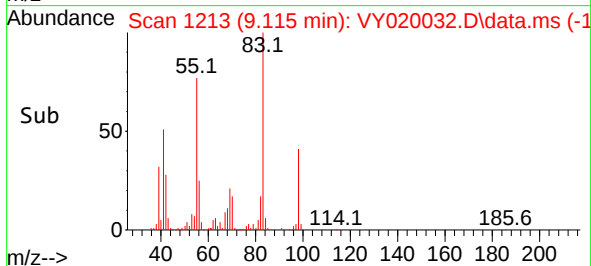
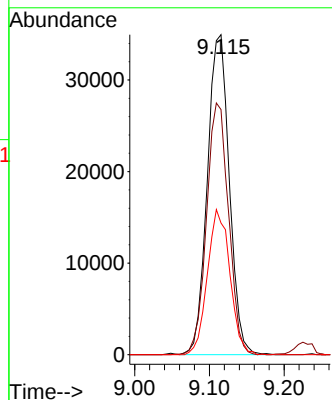
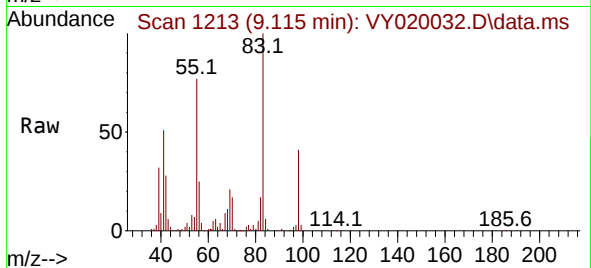
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83 Resp: 71437

Ion	Ratio	Lower	Upper
83	100		
55	76.4	51.5	77.3
98	41.1	40.5	60.7



#40

Benzene

Concen: 20.081 ug/l

RT: 8.085 min Scan# 1044

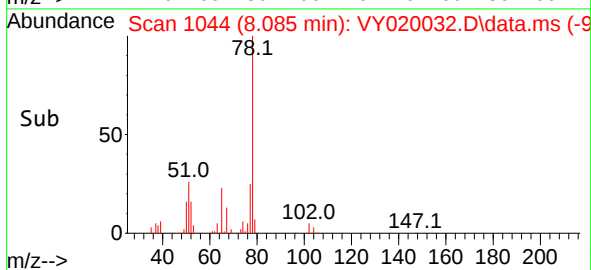
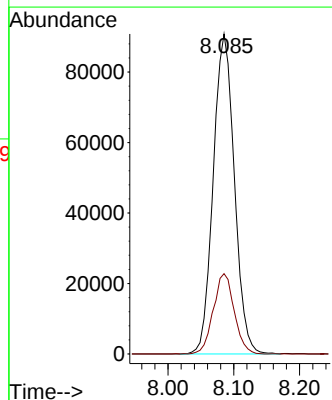
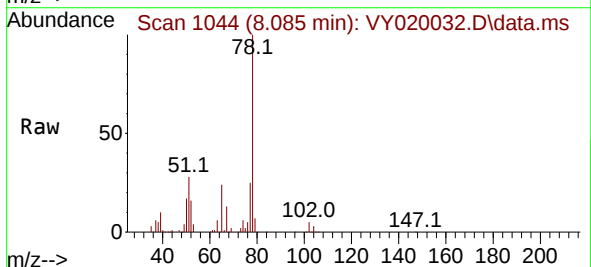
Delta R.T. 0.006 min

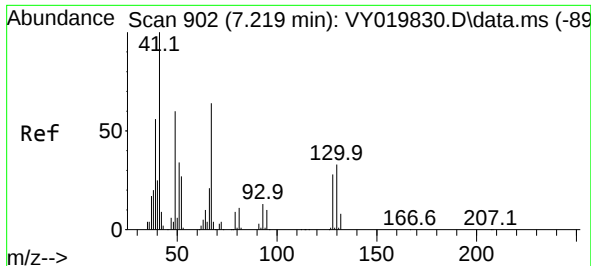
Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Tgt Ion: 78 Resp: 203054

Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.5	29.3

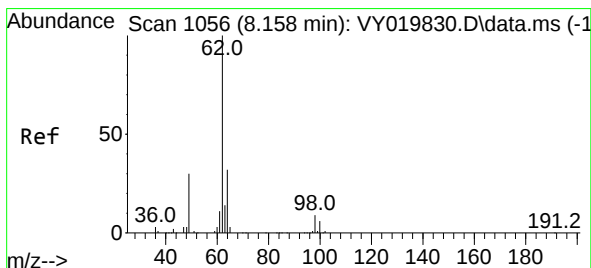
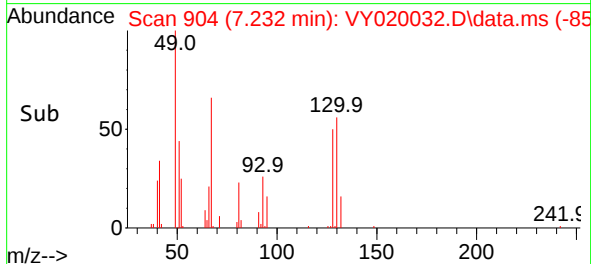
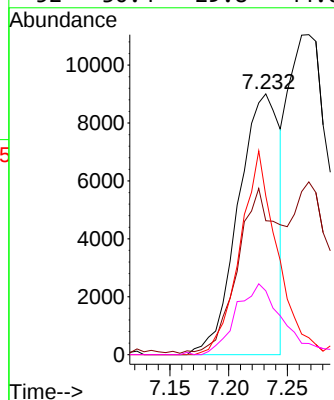
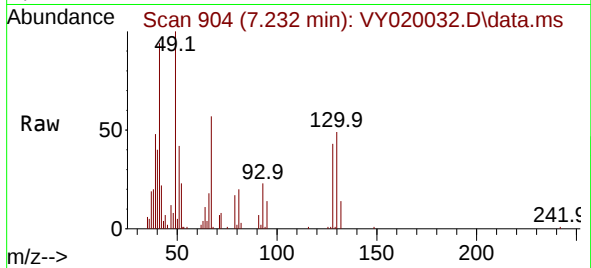




#41
Methacrylonitrile
Concen: 23.407 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

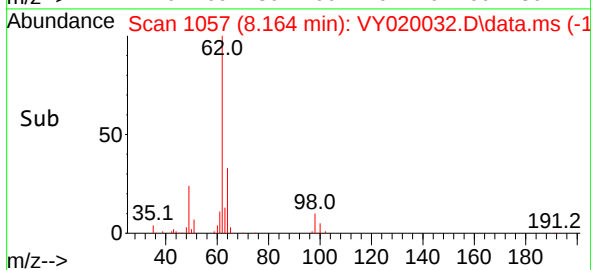
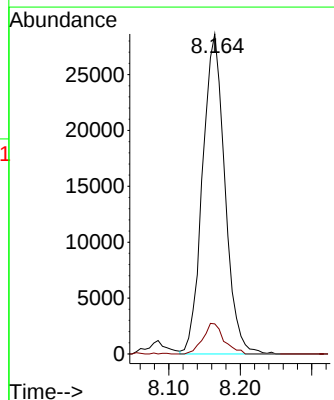
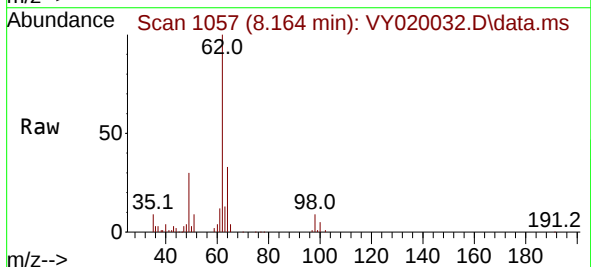
Instrument :
MSVOA_Y
ClientSampleId :

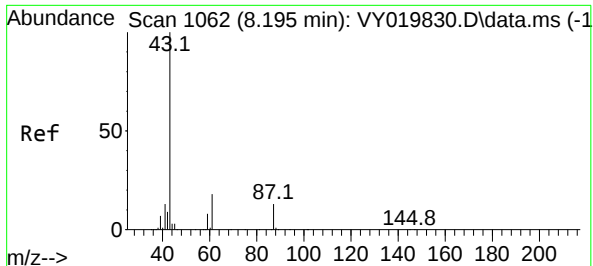
Tgt Ion:	41	Resp:	22072
Ion	Ratio	Lower	Upper
41	100		
39	66.4	48.0	72.0
67	70.3	75.1	112.7#
52	30.4	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.404 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion:	62	Resp:	62181
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	22.0

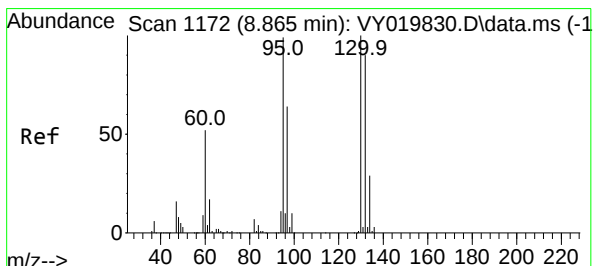
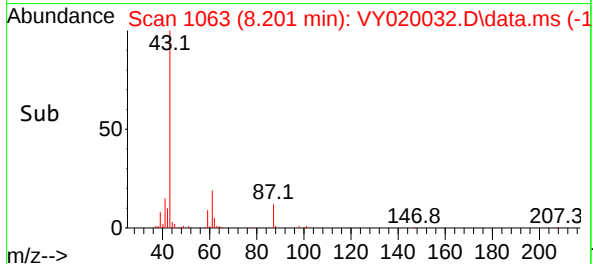
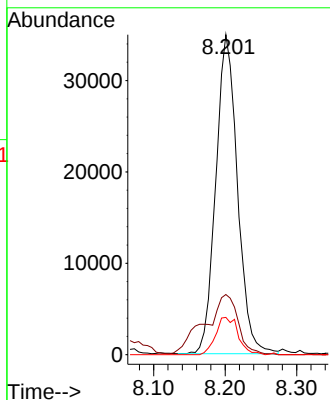
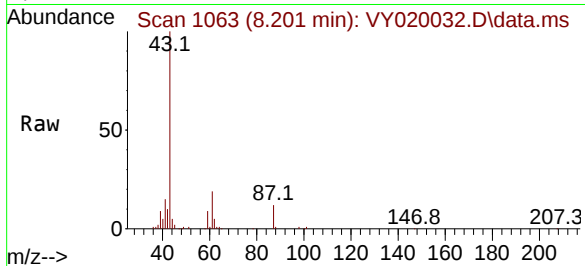




#43
Isopropyl Acetate
Concen: 20.675 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

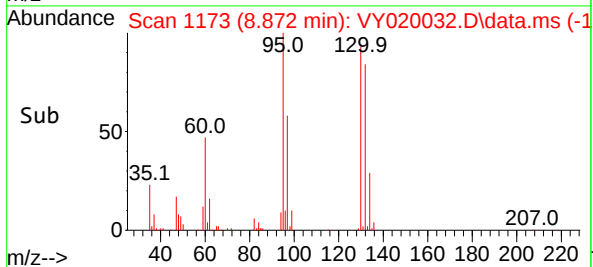
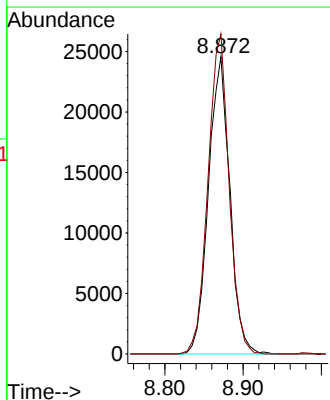
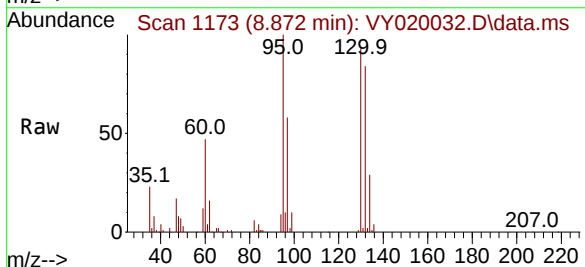
Instrument :
MSVOA_Y
ClientSampleId :

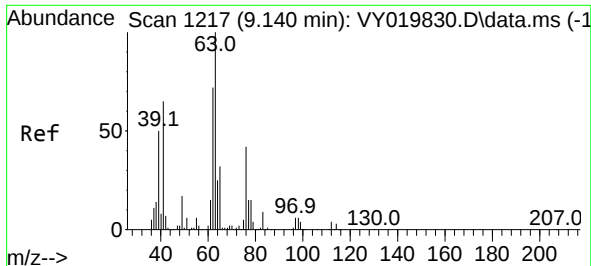
Tgt Ion: 43 Resp: 73461
Ion Ratio Lower Upper
43 100
61 29.2 27.9 41.9
87 12.1 13.1 19.7#



#44
Trichloroethene
Concen: 18.979 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion:130 Resp: 46482
Ion Ratio Lower Upper
130 100
95 107.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.962 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

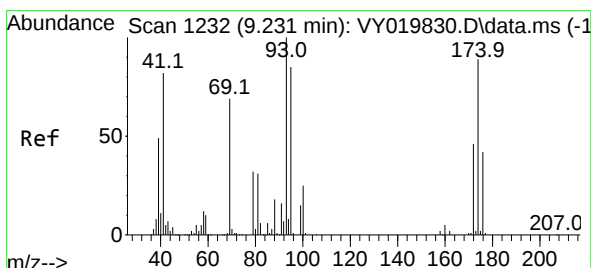
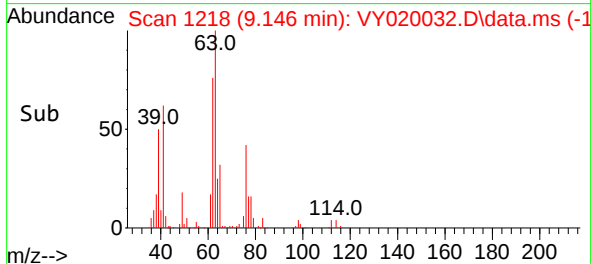
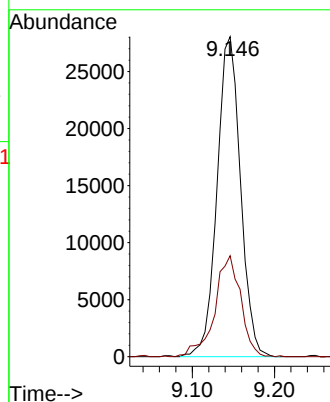
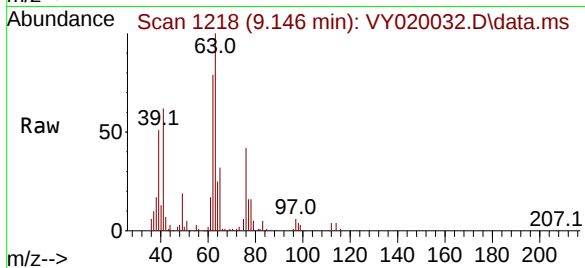
ClientSampleId :

Tgt Ion: 63 Resp: 55584

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 20.681 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

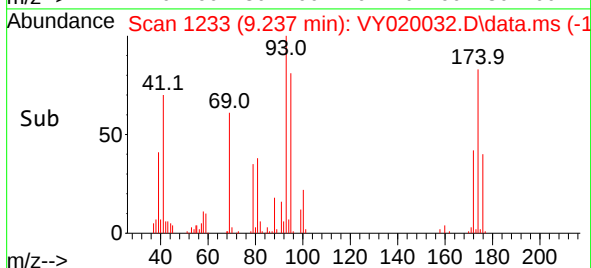
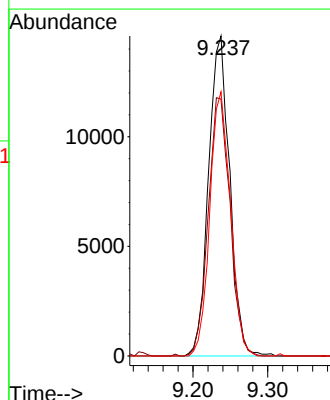
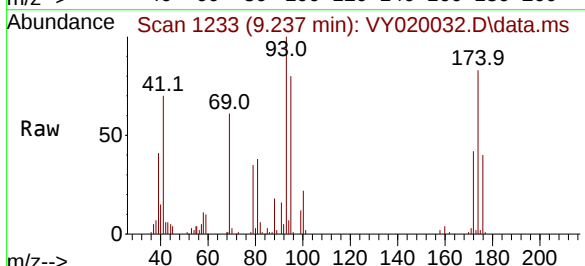
Tgt Ion: 93 Resp: 28598

Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 80.9 80.9 121.3

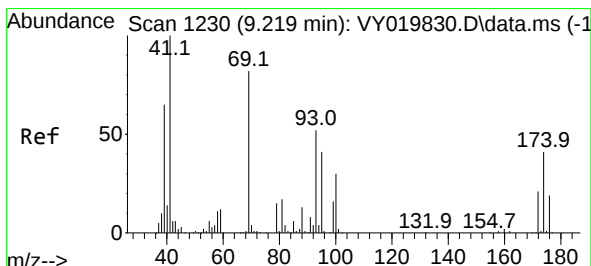
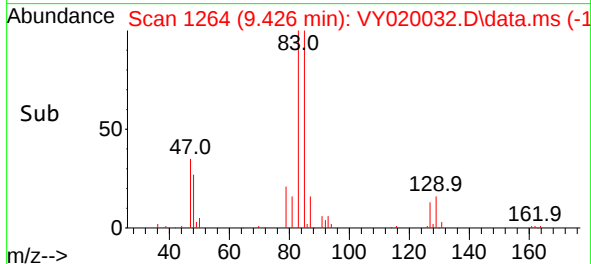
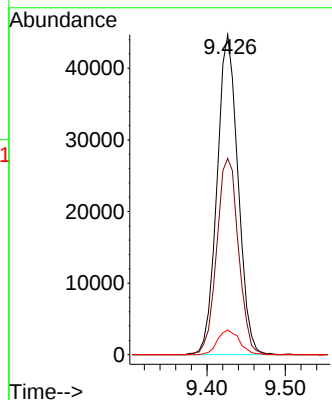
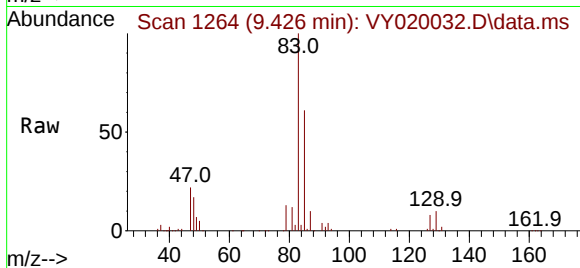




#47
Bromodichloromethane
Concen: 22.655 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

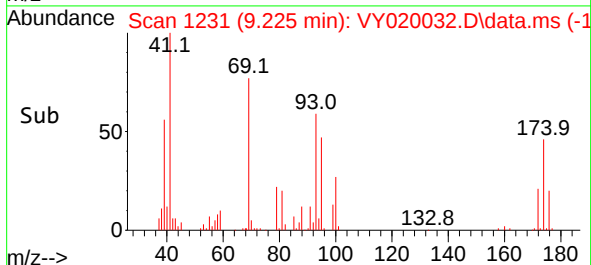
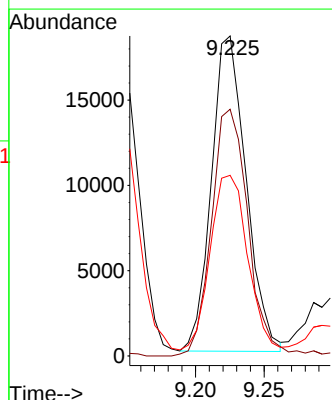
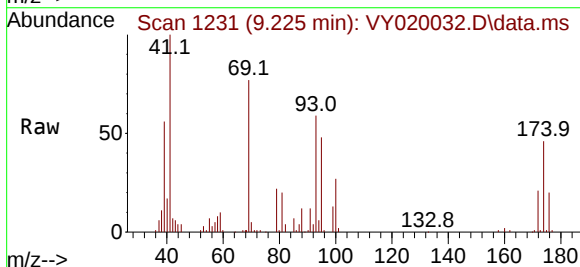
Instrument :
MSVOA_Y
ClientSampleId :

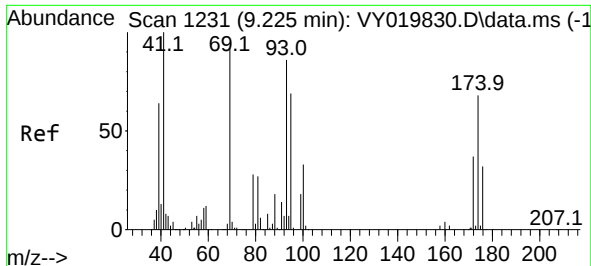
Tgt Ion: 83 Resp: 83153
Ion Ratio Lower Upper
83 100
85 61.3 50.1 75.1
127 7.7 7.4 11.0



#48
Methyl methacrylate
Concen: 20.846 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

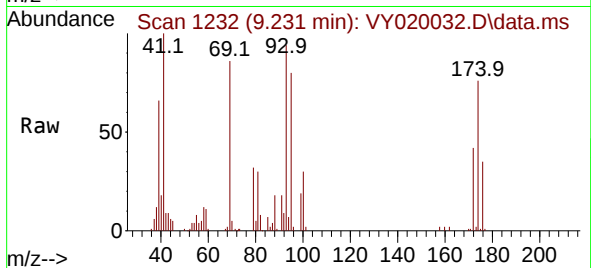
Tgt Ion: 41 Resp: 32581
Ion Ratio Lower Upper
41 100
69 83.1 84.1 126.1#
39 63.9 43.6 65.4



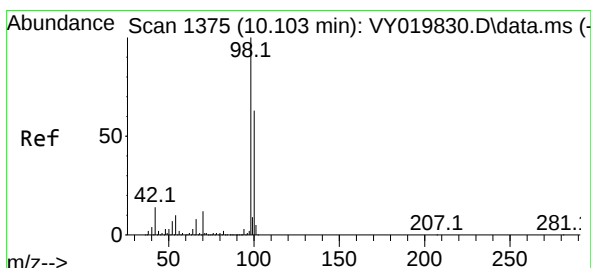
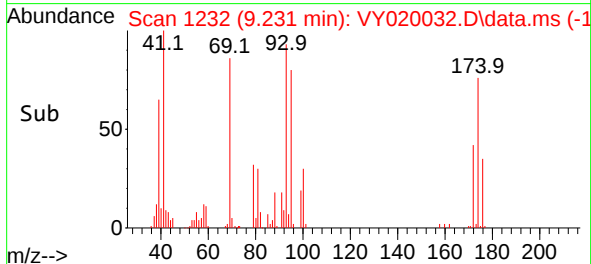
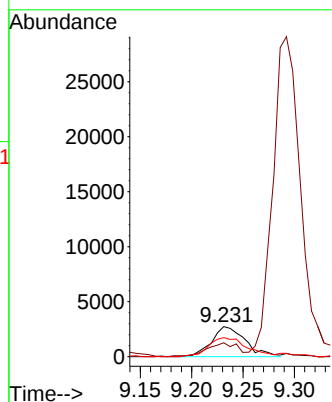


#49
1,4-Dioxane
Concen: 403.636 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :

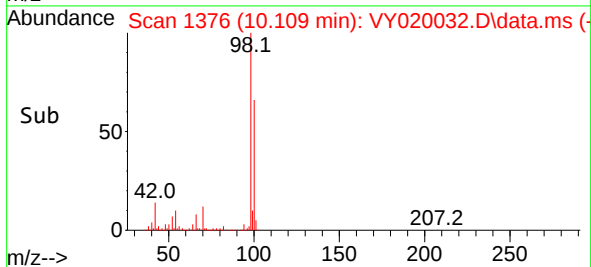
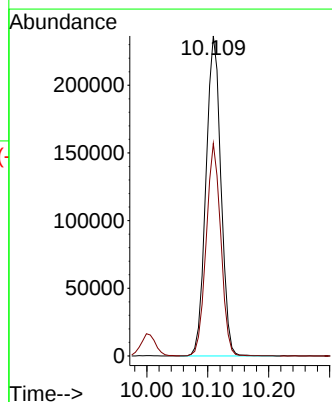
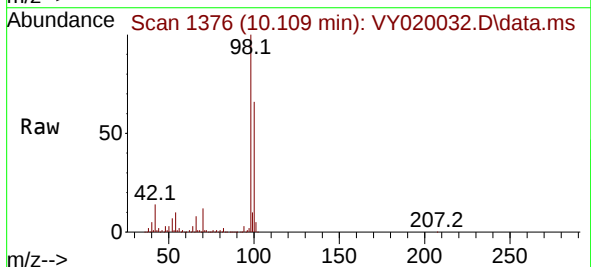


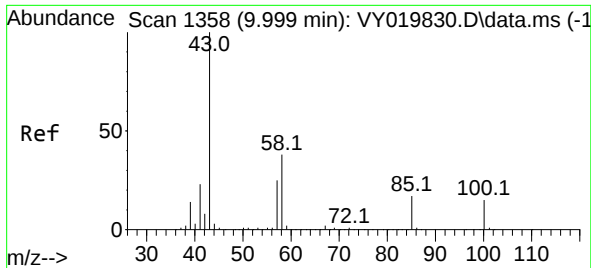
Tgt Ion: 88 Resp: 6247
Ion Ratio Lower Upper
88 100
43 41.8 0.0 0.0#
58 71.2 49.3 73.9



#50
Toluene-d8
Concen: 47.080 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 98 Resp: 403213
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

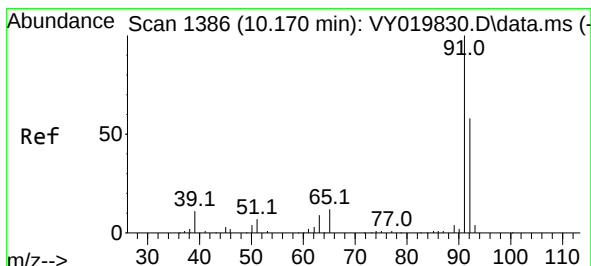
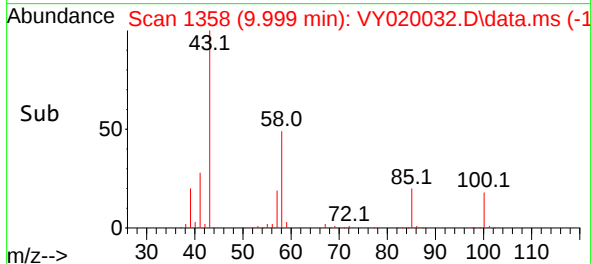
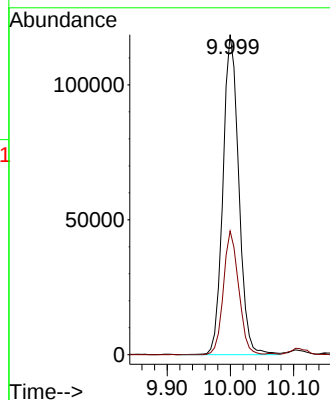
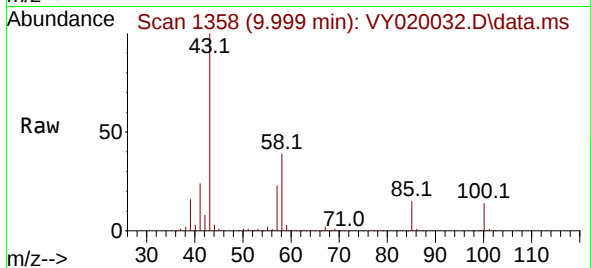




#51
4-Methyl-2-Pentanone
Concen: 113.357 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

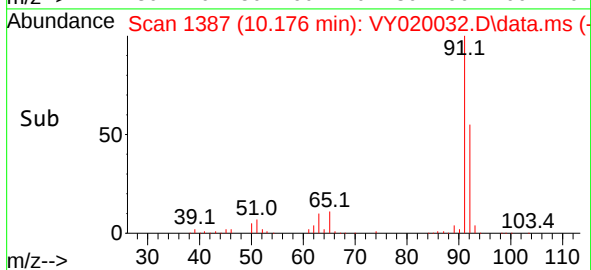
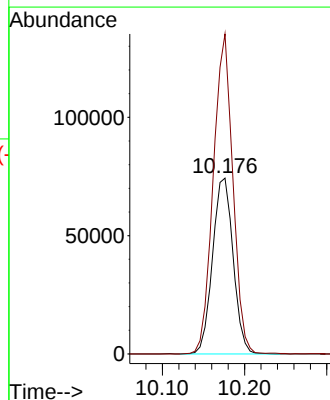
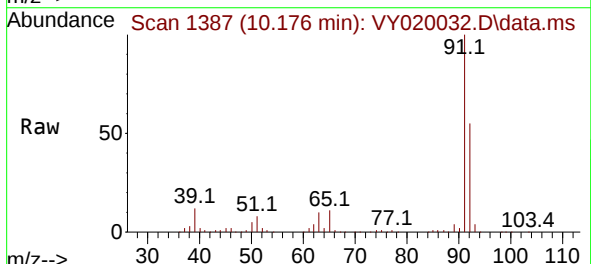
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 205440
Ion Ratio Lower Upper
43 100
58 37.3 35.7 53.5



#52
Toluene
Concen: 20.445 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 92 Resp: 129047
Ion Ratio Lower Upper
92 100
91 173.7 139.0 208.6

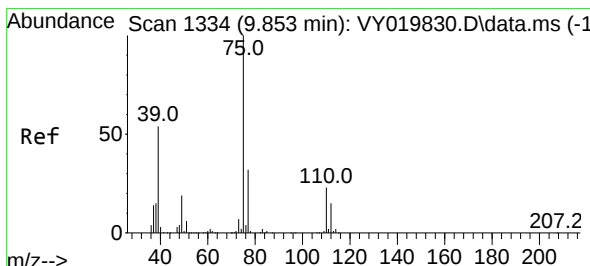
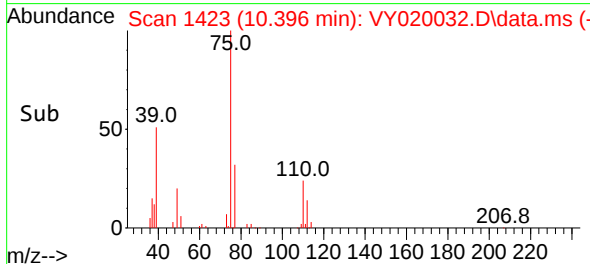
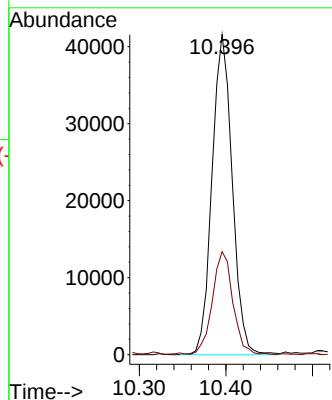
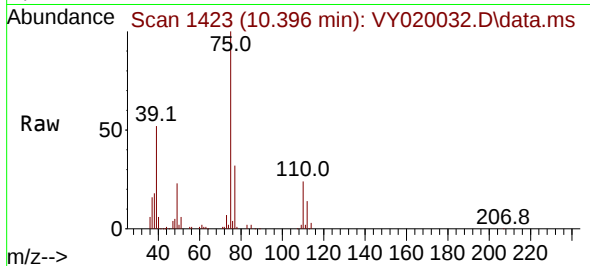




#53
 t-1,3-Dichloropropene
 Concen: 20.418 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020032.D
 Acq: 28 Oct 2024 11:02

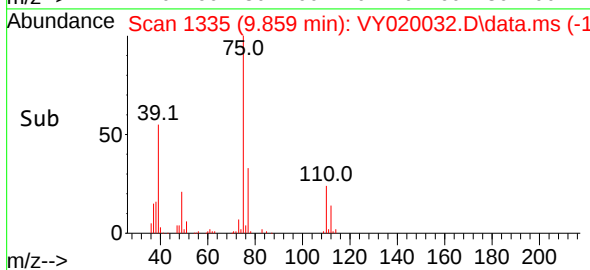
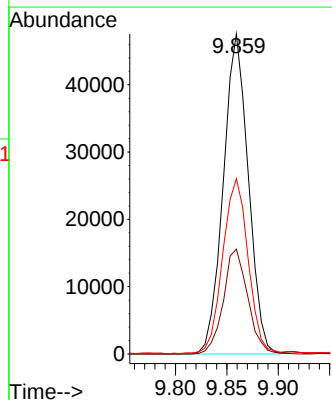
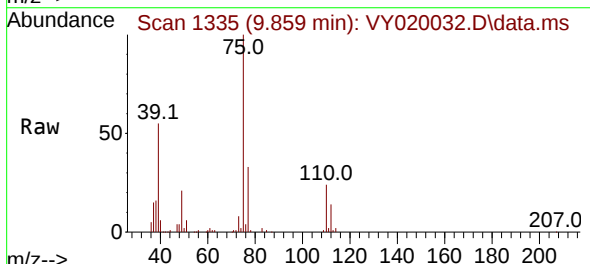
Instrument :
 MSVOA_Y
 ClientSampleId :

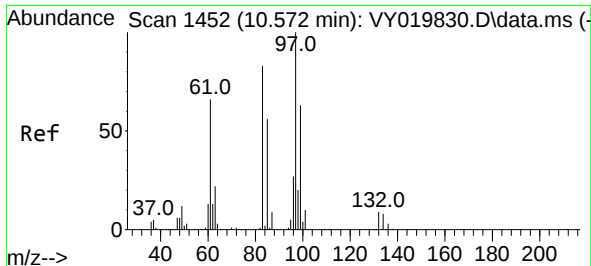
Tgt Ion: 75 Resp: 67431
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.633 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020032.D
 Acq: 28 Oct 2024 11:02

Tgt Ion: 75 Resp: 80401
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 54.6 29.8 44.6#

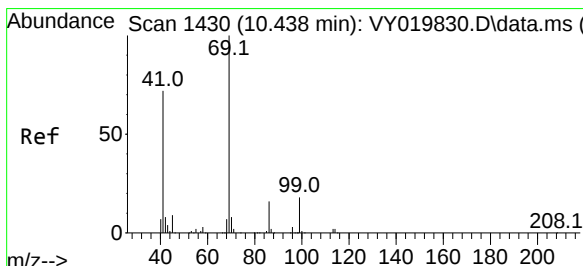
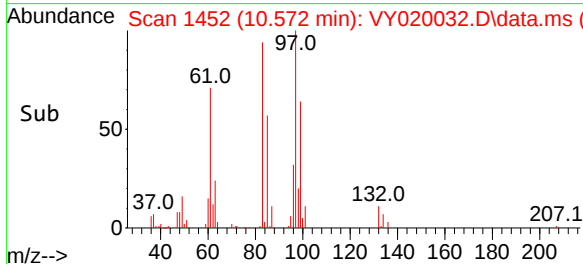
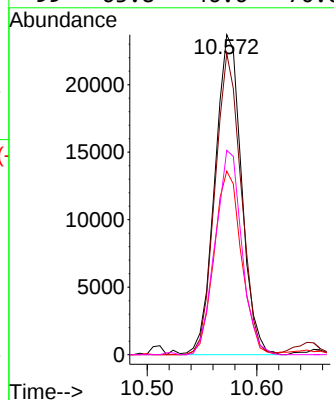
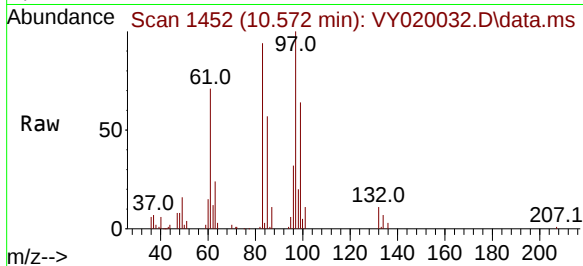




#55
1,1,2-Trichloroethane
Concen: 22.004 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

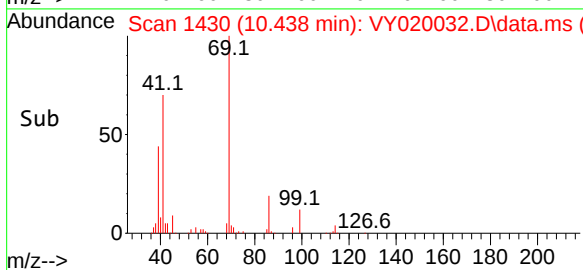
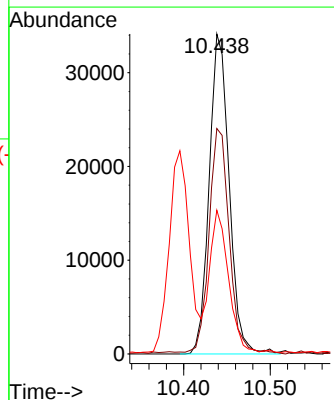
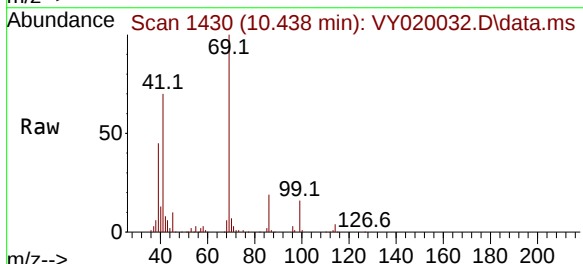
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97	Resp: 40089
Ion Ratio	Lower Upper
97 100	
83 94.1	67.5 101.3
85 57.4	42.9 64.3
99 63.8	46.6 70.0



#56
Ethyl methacrylate
Concen: 20.911 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 69	Resp: 54665
Ion Ratio	Lower Upper
69 100	
41 71.5	42.3 63.5#
39 42.4	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.819 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

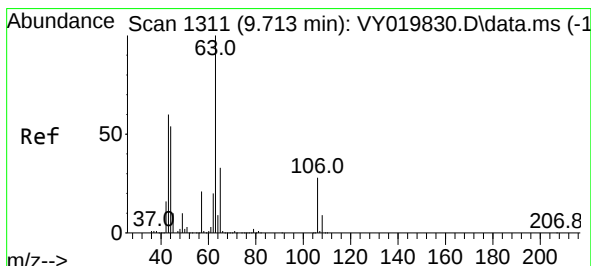
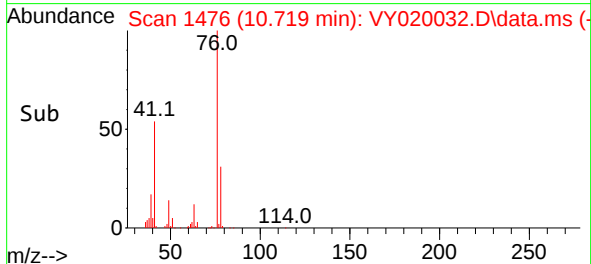
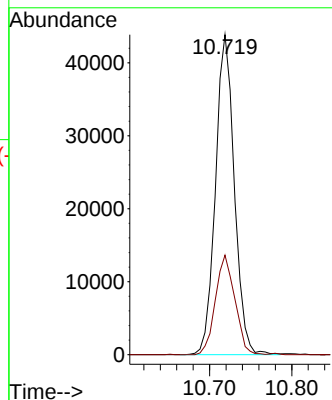
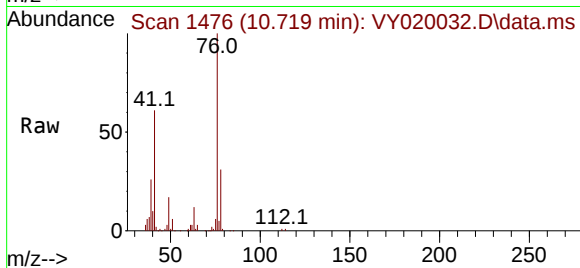
ClientSampleId :

Tgt Ion: 76 Resp: 69809

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.019 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020032.D

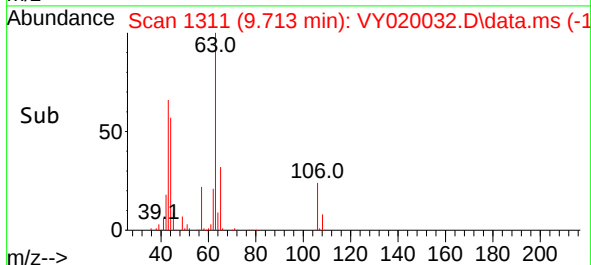
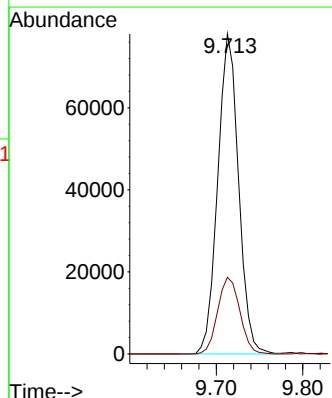
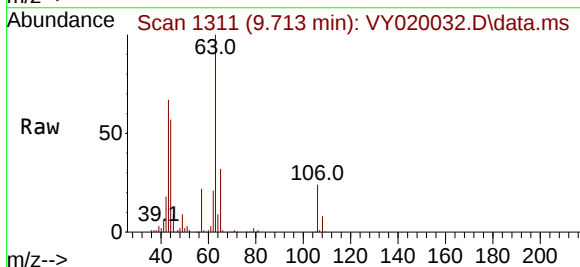
Acq: 28 Oct 2024 11:02

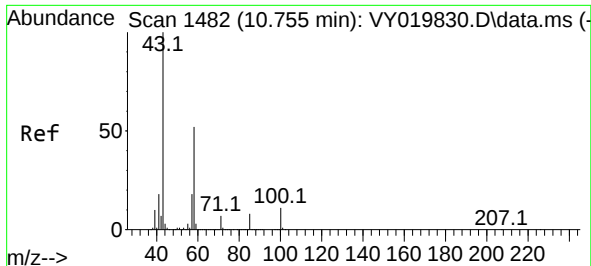
Tgt Ion: 63 Resp: 130240

Ion Ratio Lower Upper

63 100

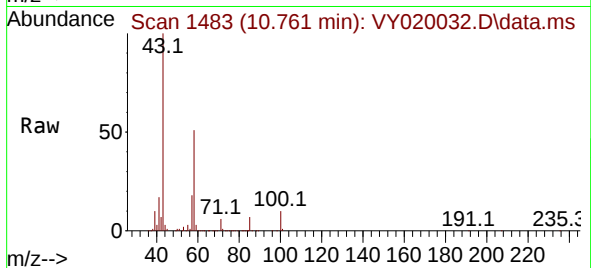
106 25.4 23.7 35.5



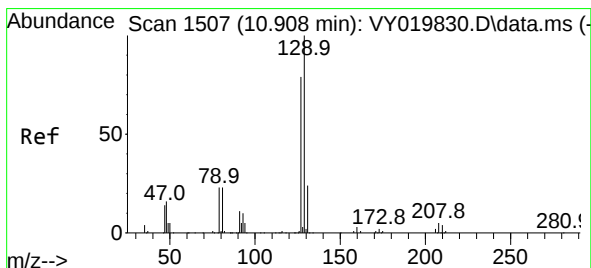
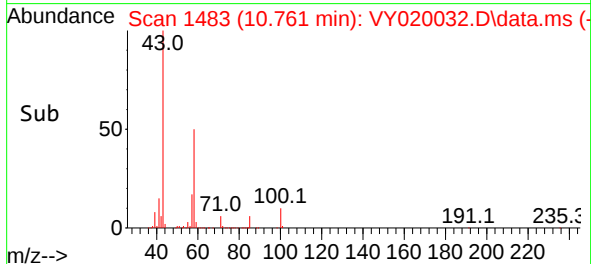
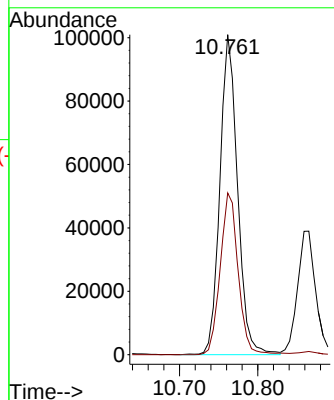


#59
2-Hexanone
Concen: 122.309 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :

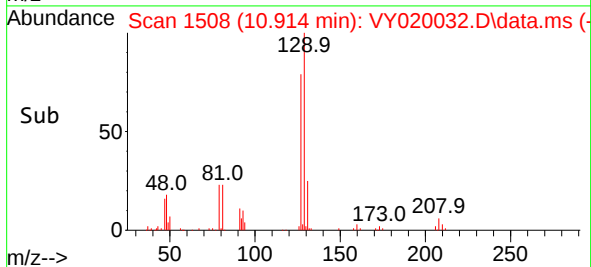
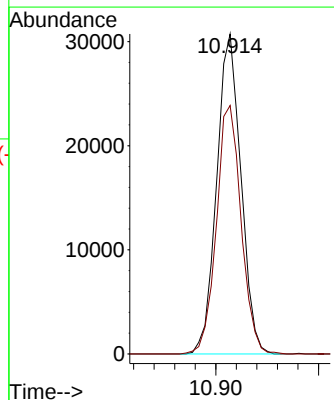
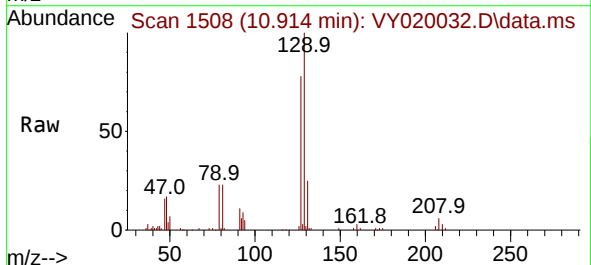


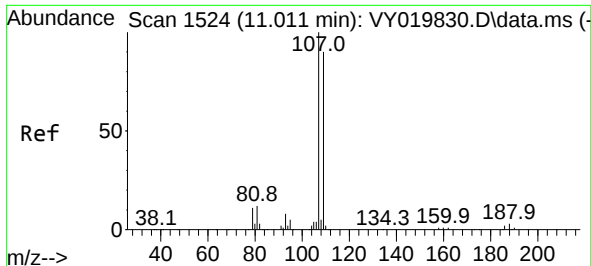
Tgt Ion: 43 Resp: 158319
Ion Ratio Lower Upper
43 100
58 51.5 31.4 94.0



#60
Dibromochloromethane
Concen: 21.488 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 129 Resp: 50247
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0

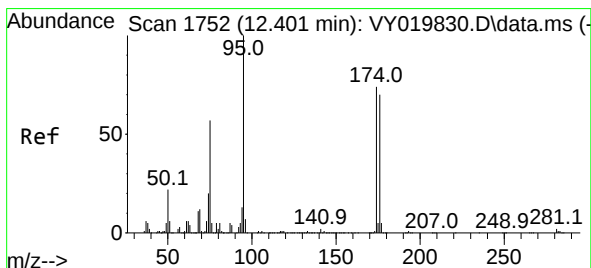
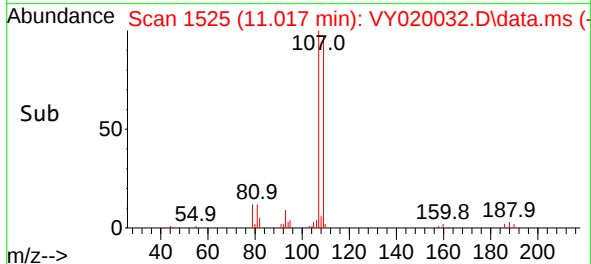
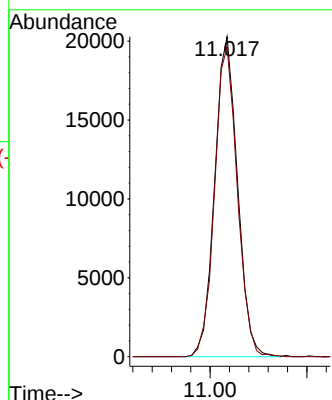
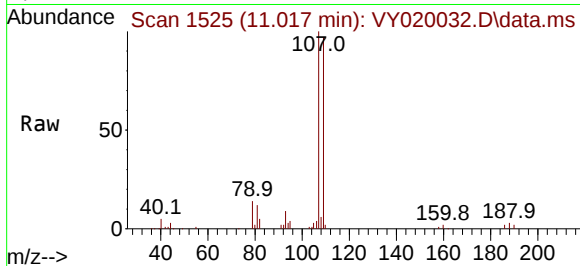




#61
1,2-Dibromoethane
Concen: 20.135 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

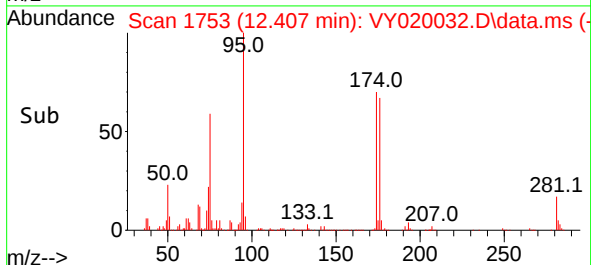
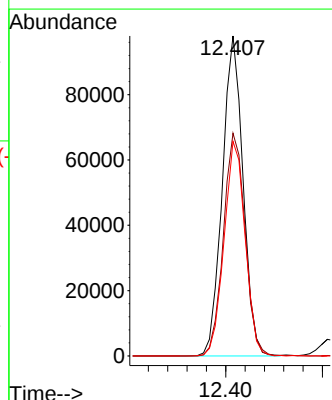
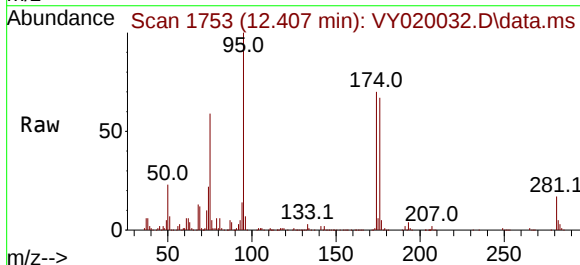
Instrument :
MSVOA_Y
ClientSampleId :

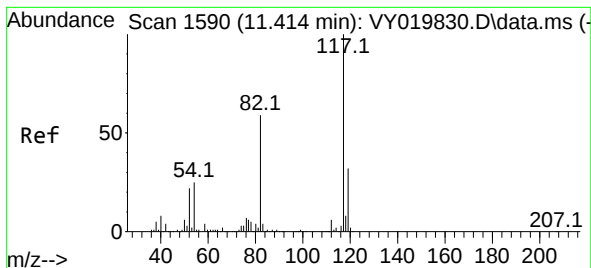
Tgt Ion:107 Resp: 33148
Ion Ratio Lower Upper
107 100
109 96.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.994 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 95 Resp: 145427
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 68.3 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: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

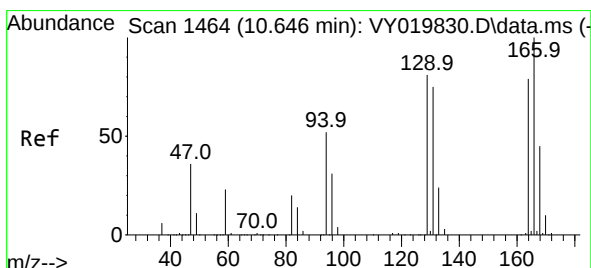
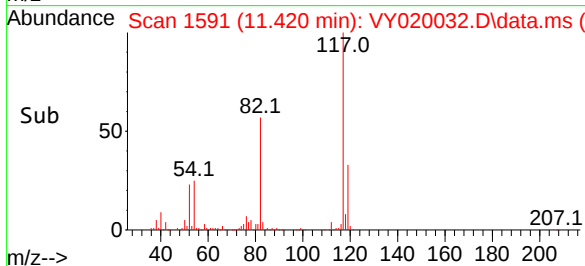
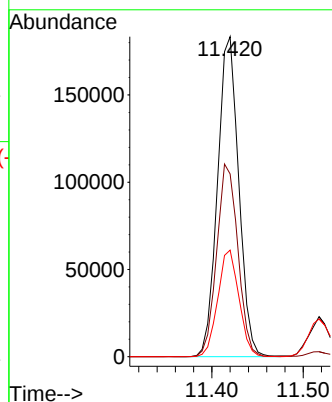
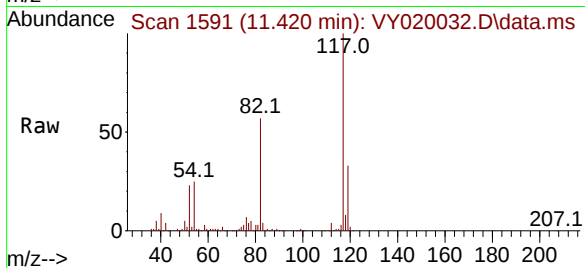
Tgt Ion:117 Resp: 295814

Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 33.3 25.9 38.9



#64

Tetrachloroethene

Concen: 18.969 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Tgt Ion:164 Resp: 39913

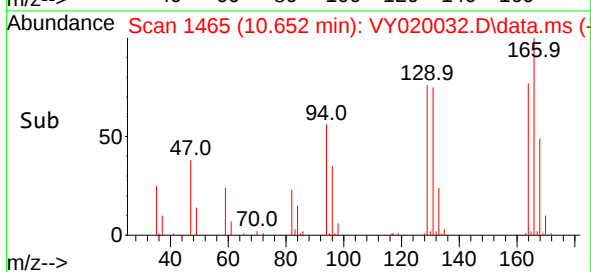
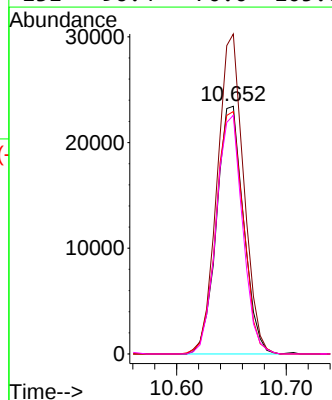
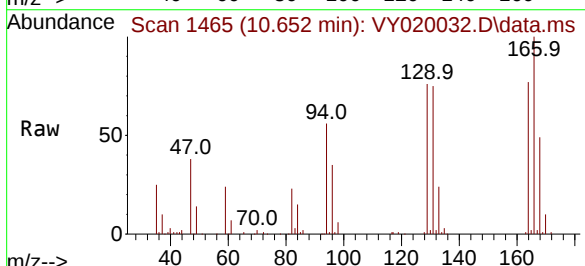
Ion Ratio Lower Upper

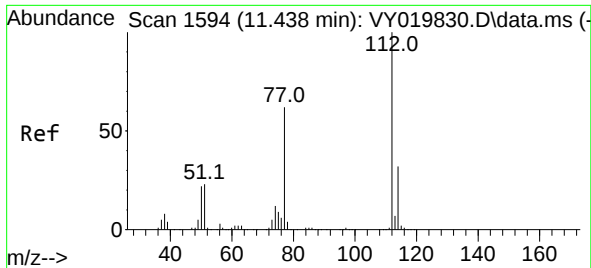
164 100

166 129.2 102.6 154.0

129 97.9 72.0 108.0

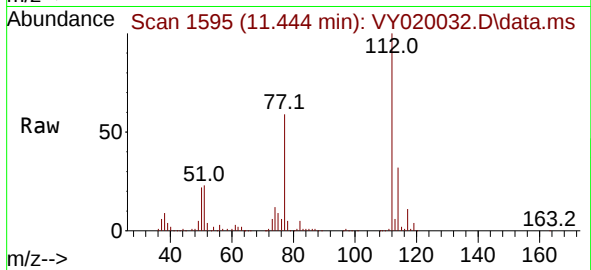
131 96.4 70.0 105.0



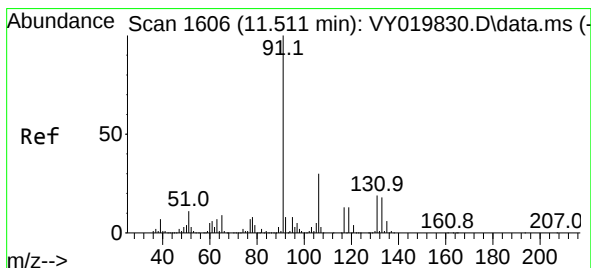
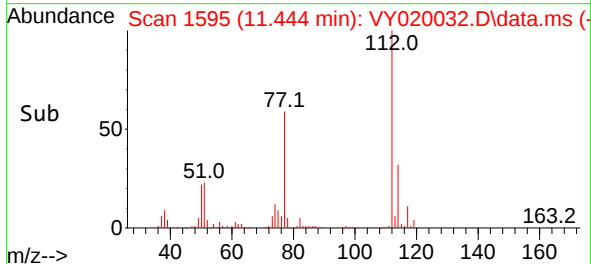
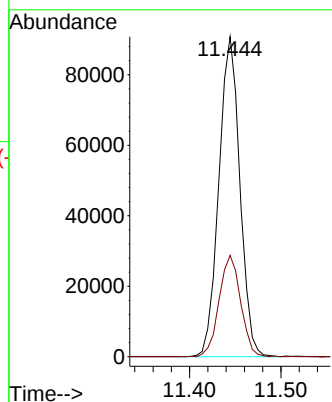


#65
Chlorobenzene
Concen: 21.431 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Instrument :
MSVOA_Y
ClientSampleId :

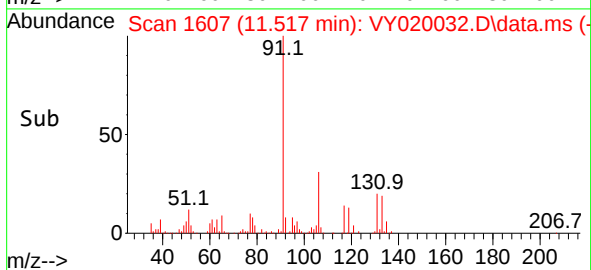
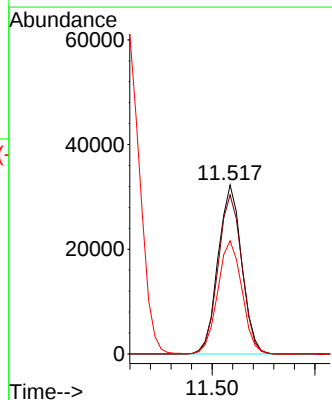
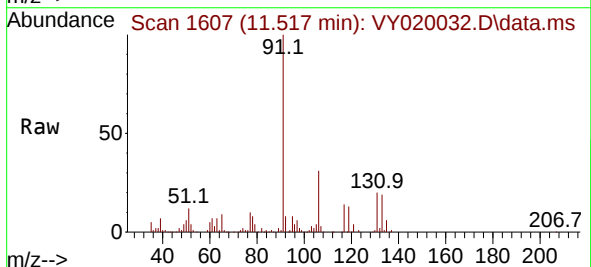


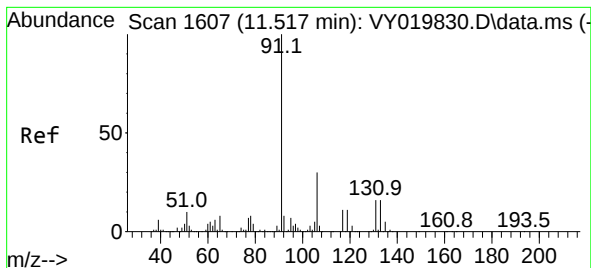
Tgt Ion:112 Resp: 144999
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.378 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion:131 Resp: 51226
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 69.0 34.1 102.2





#67

Ethyl Benzene

Concen: 21.461 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

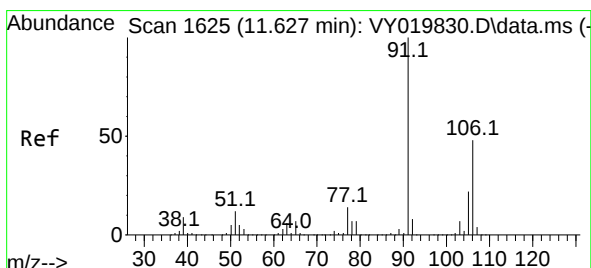
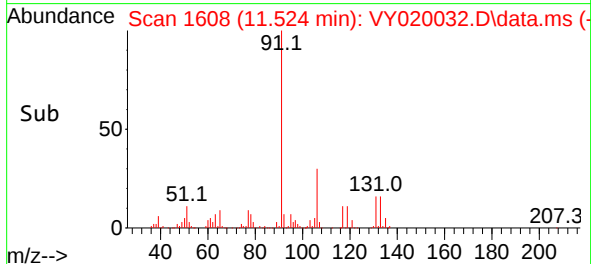
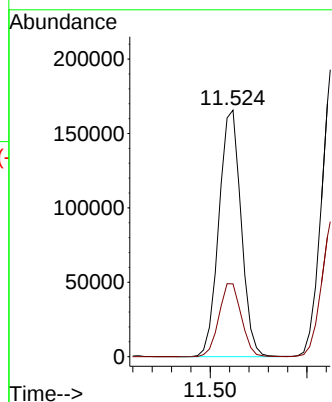
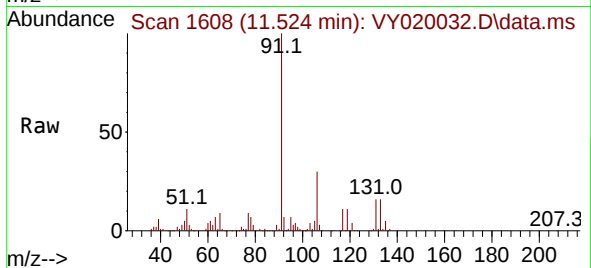
ClientSampleId :

Tgt Ion: 91 Resp: 263771

Ion Ratio Lower Upper

91 100

106 29.6 24.5 36.7



#68

m/p-Xylenes

Concen: 41.481 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020032.D

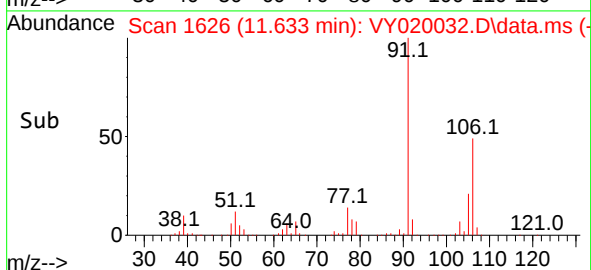
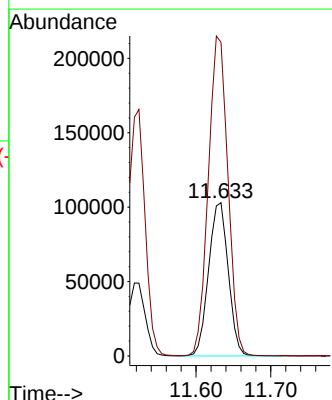
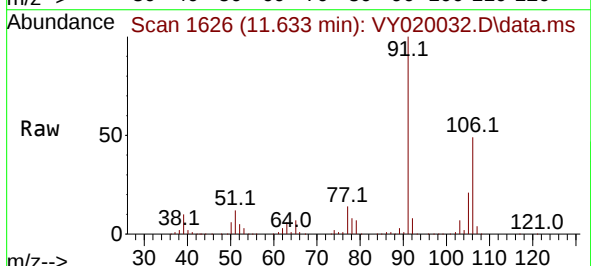
Acq: 28 Oct 2024 11:02

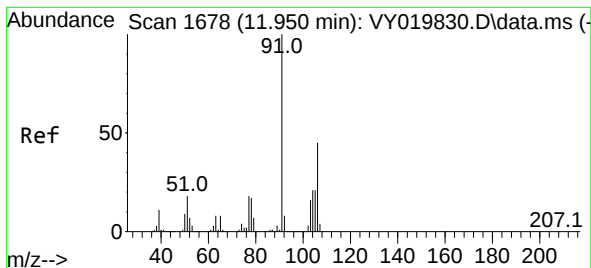
Tgt Ion:106 Resp: 188291

Ion Ratio Lower Upper

106 100

91 208.1 156.0 234.0





#69

o-Xylene

Concen: 21.101 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

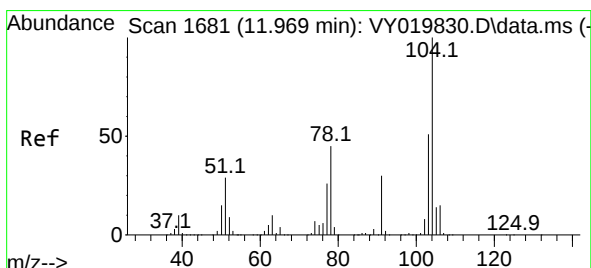
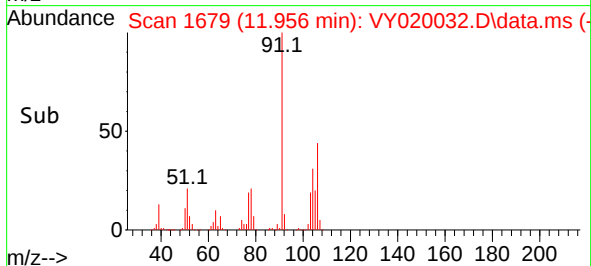
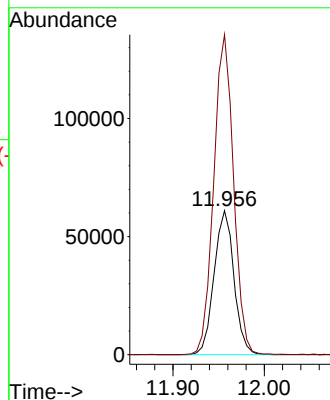
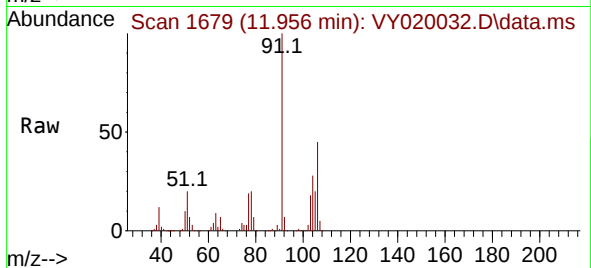
ClientSampleId :

Tgt Ion:106 Resp: 92029

Ion Ratio Lower Upper

106 100

91 221.9 103.6 310.8



#70

Styrene

Concen: 21.708 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

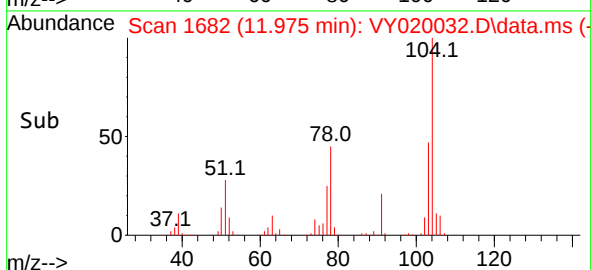
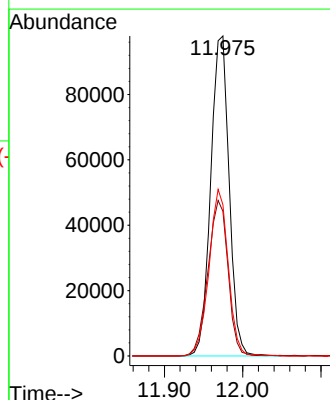
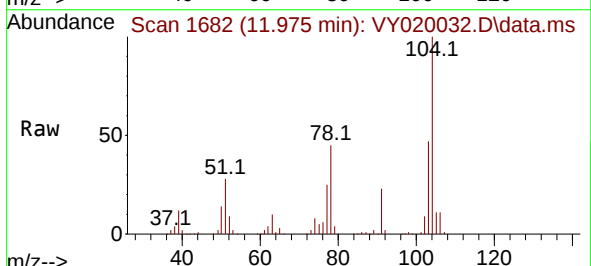
Tgt Ion:104 Resp: 159728

Ion Ratio Lower Upper

104 100

78 53.0 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 21.186 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020032.D

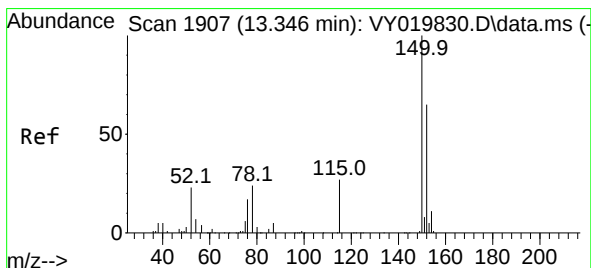
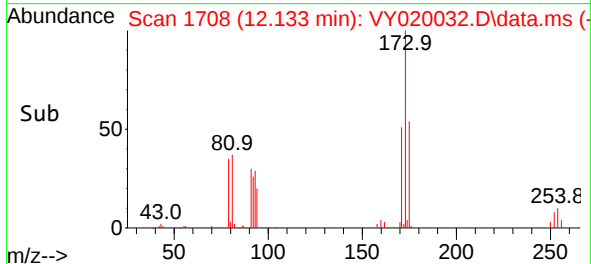
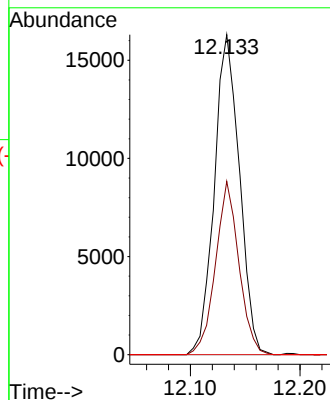
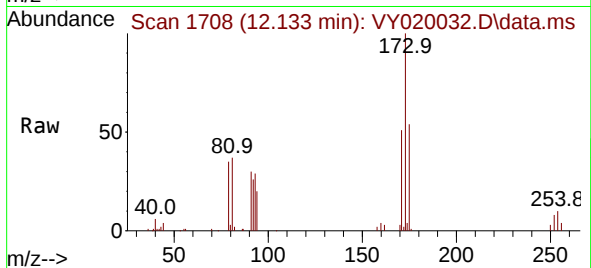
Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	25963
Ion Ratio	Lower	Upper
173	100	
175	50.4	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

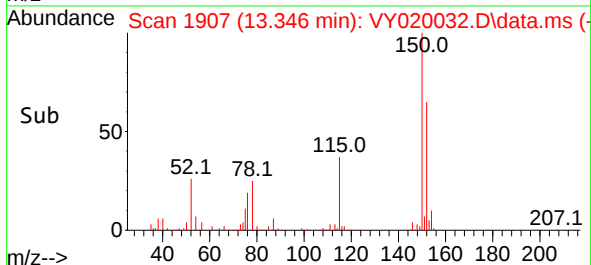
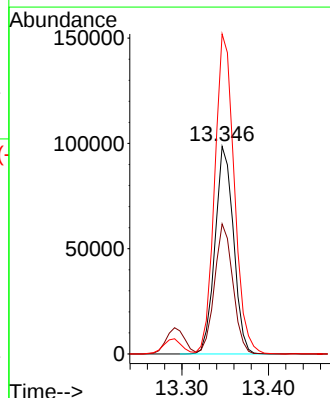
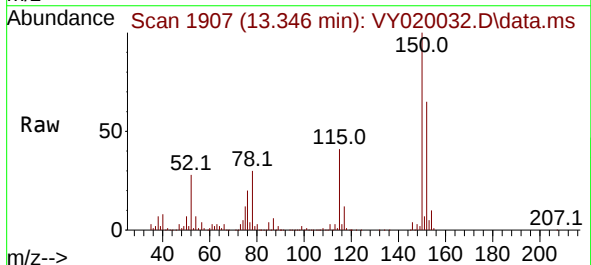
RT: 13.346 min Scan# 1907

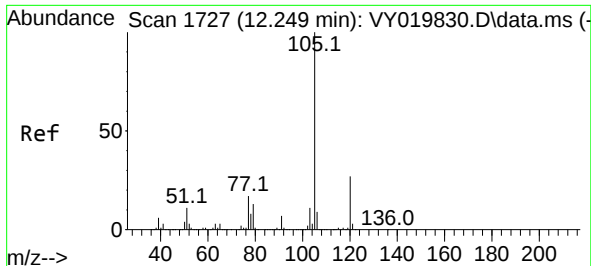
Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Tgt Ion:152	Resp:	146119
Ion Ratio	Lower	Upper
152	100	
115	62.1	28.2 84.7
150	162.9	0.0 345.6

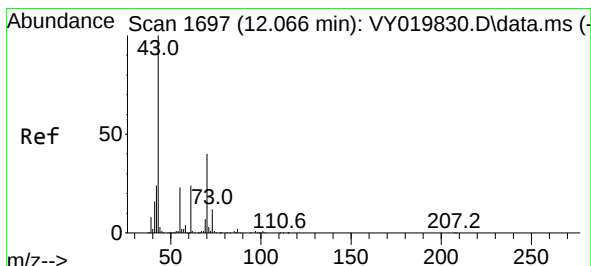
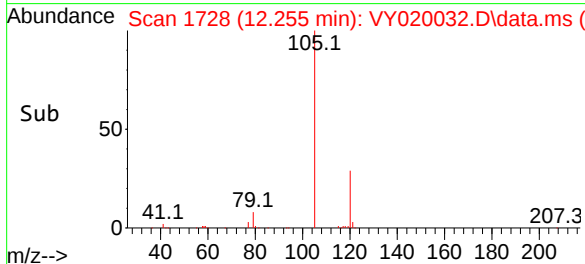
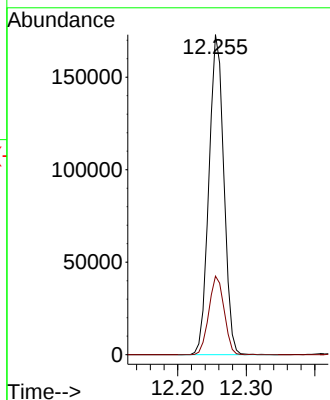
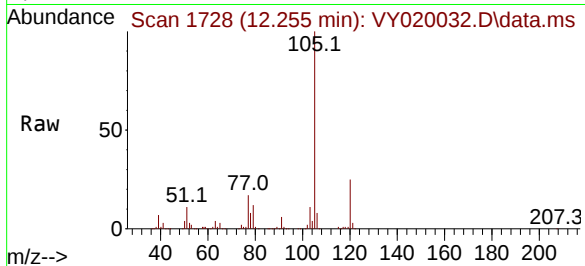




#73
Isopropylbenzene
Concen: 21.252 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

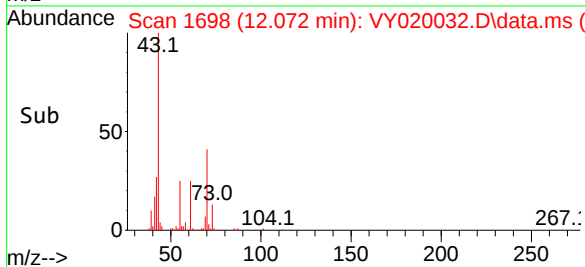
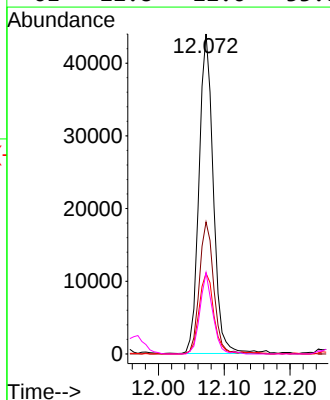
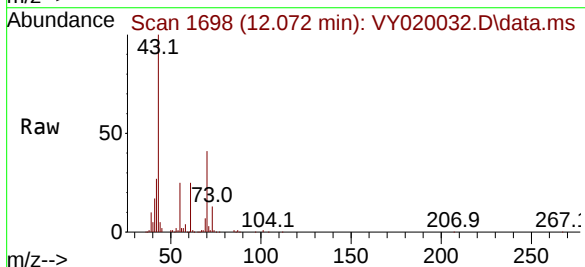
Instrument :
MSVOA_Y
ClientSampleId :

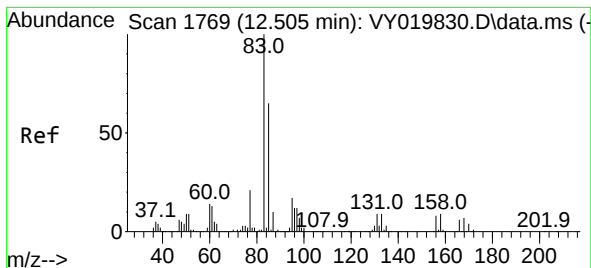
Tgt Ion:105 Resp: 261201
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1



#74
N-amy1 acetate
Concen: 20.440 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 43 Resp: 66538
Ion Ratio Lower Upper
43 100
70 41.5 41.4 62.2
55 25.9 23.3 34.9
61 22.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.393 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

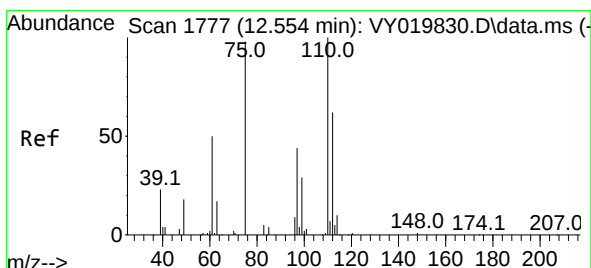
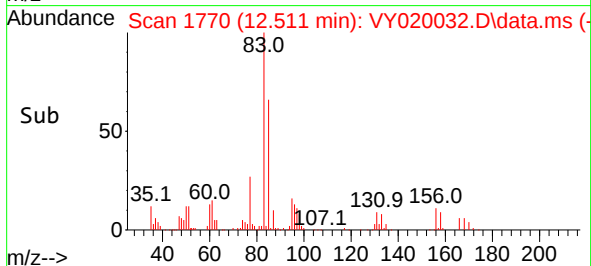
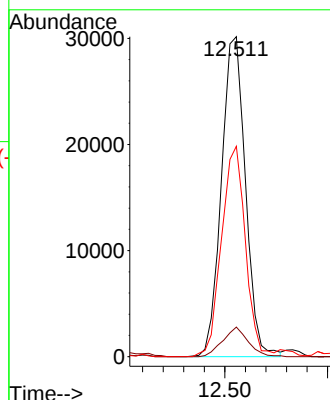
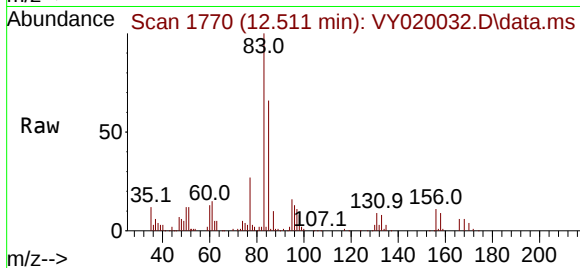
Tgt Ion: 83 Resp: 48903

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 65.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 21.614 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020032.D

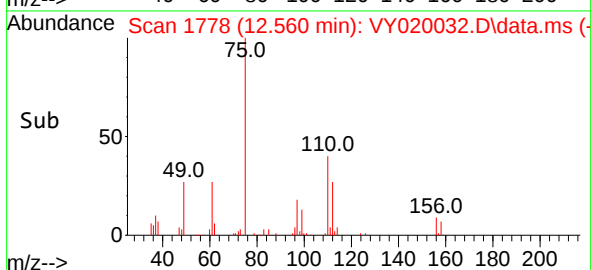
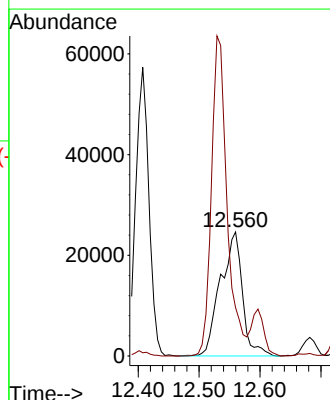
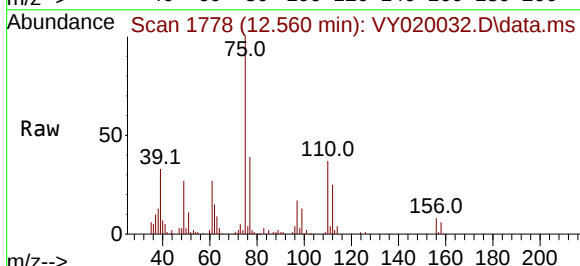
Acq: 28 Oct 2024 11:02

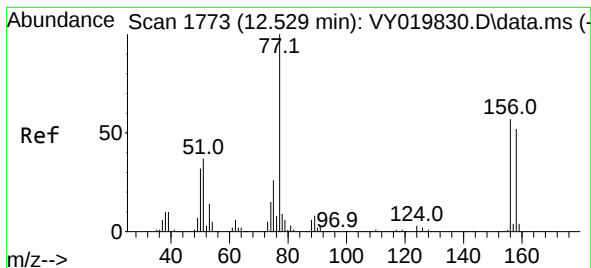
Tgt Ion: 75 Resp: 61869

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.087 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

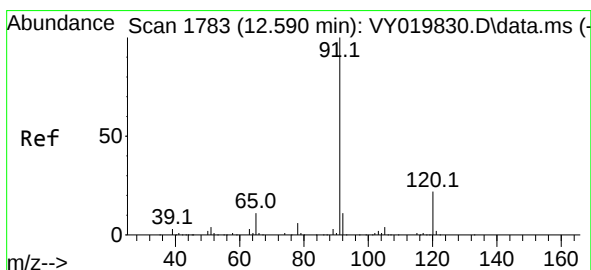
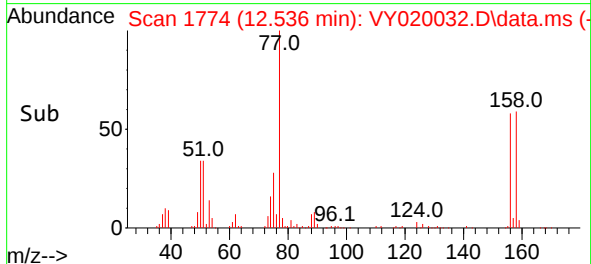
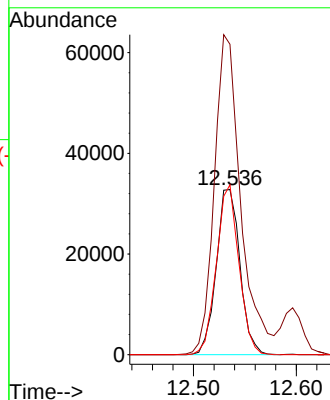
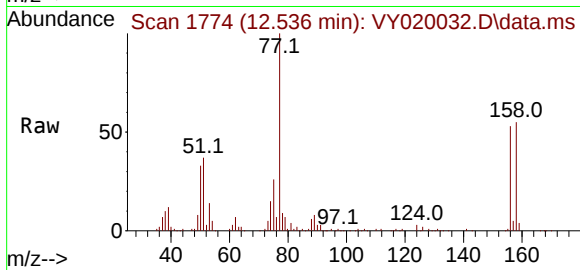
Tgt Ion:156 Resp: 52388

Ion Ratio Lower Upper

156 100

77 217.0 87.1 261.3

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 21.709 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020032.D

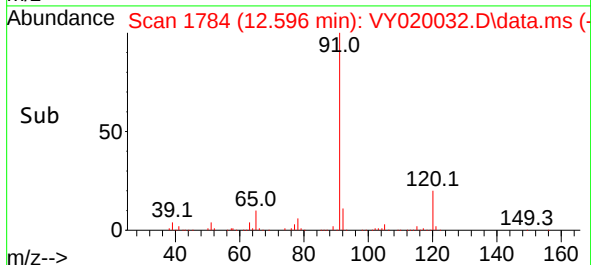
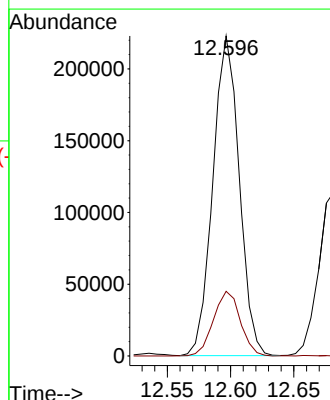
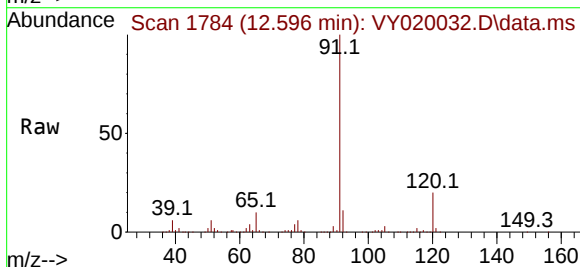
Acq: 28 Oct 2024 11:02

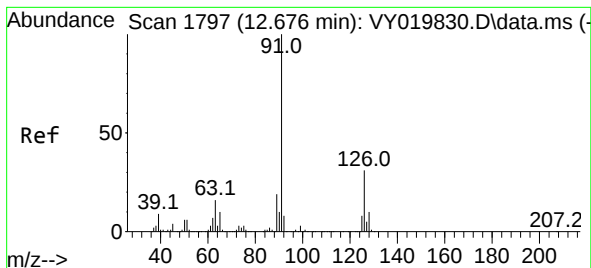
Tgt Ion: 91 Resp: 322402

Ion Ratio Lower Upper

91 100

120 20.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.835 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

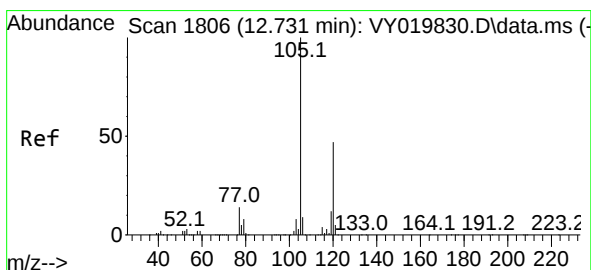
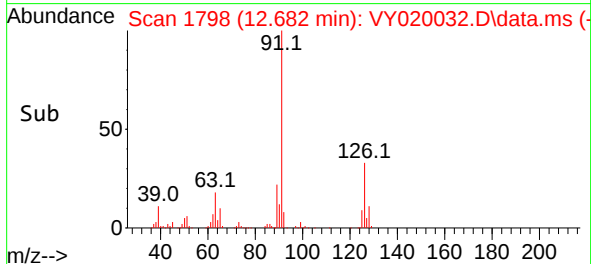
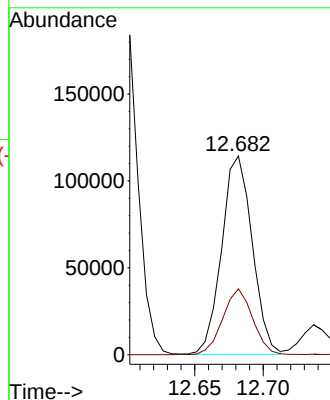
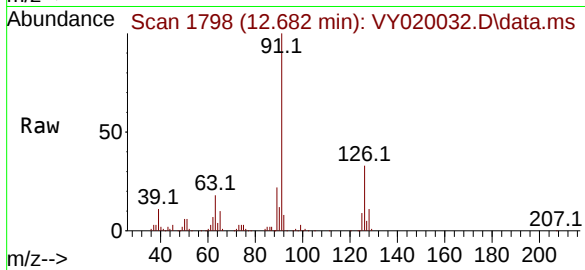
ClientSampleId :

Tgt Ion: 91 Resp: 177386

Ion Ratio Lower Upper

91 100

126 32.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.066 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020032.D

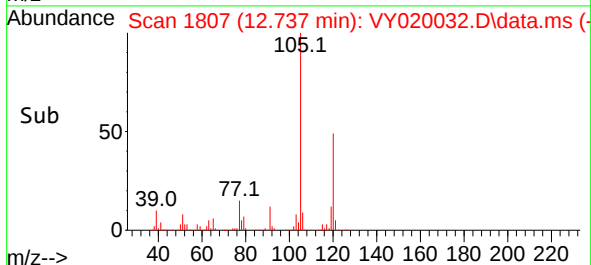
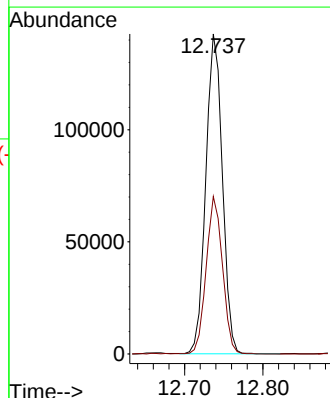
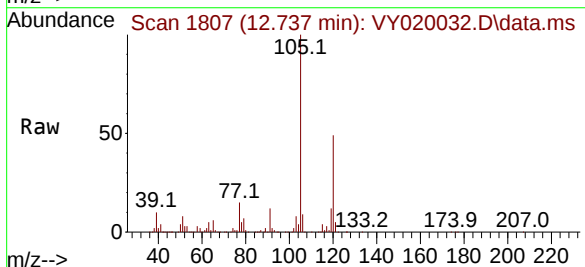
Acq: 28 Oct 2024 11:02

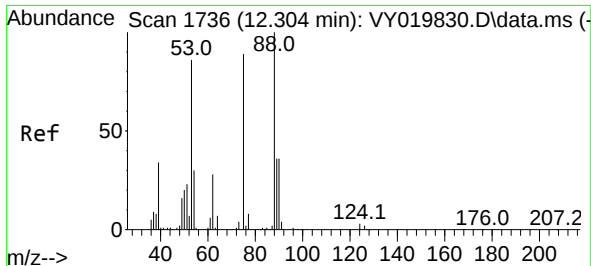
Tgt Ion:105 Resp: 209093

Ion Ratio Lower Upper

105 100

120 48.6 25.1 75.2

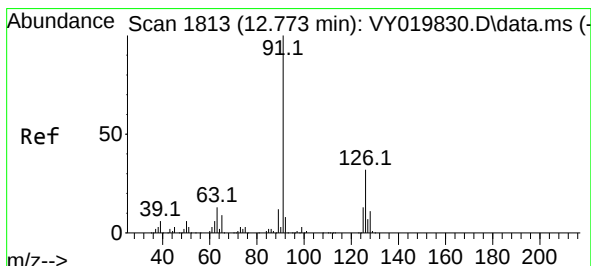
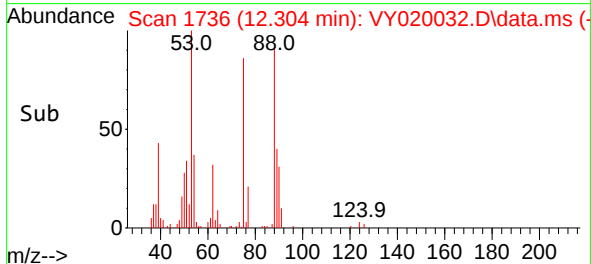
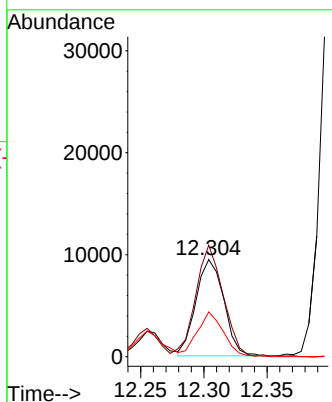
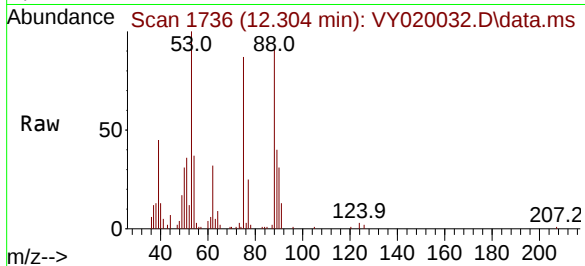




#81
trans-1,4-Dichloro-2-butene
Concen: 20.420 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

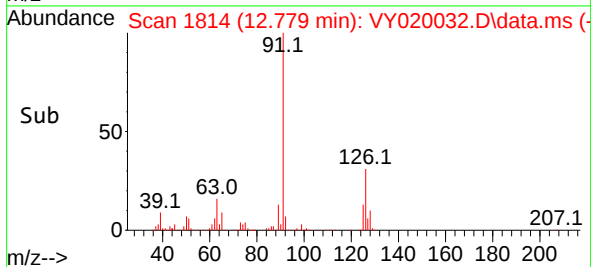
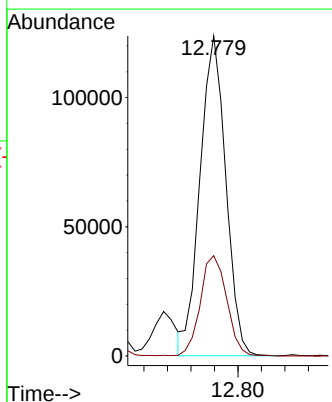
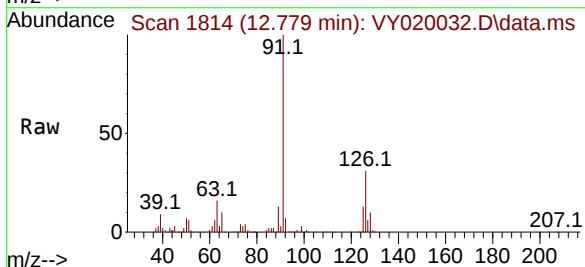
Instrument :
MSVOA_Y
ClientSampleId :

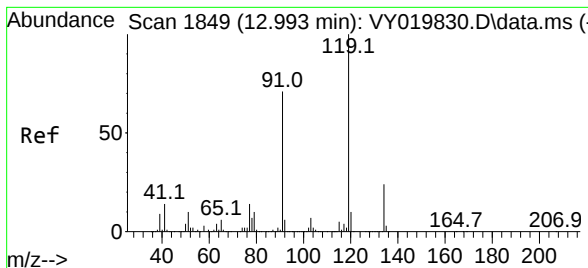
Tgt Ion: 75 Resp: 14481
Ion Ratio Lower Upper
75 100
53 115.9 66.8 100.2#
89 43.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.647 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion: 91 Resp: 188444
Ion Ratio Lower Upper
91 100
126 32.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.702 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

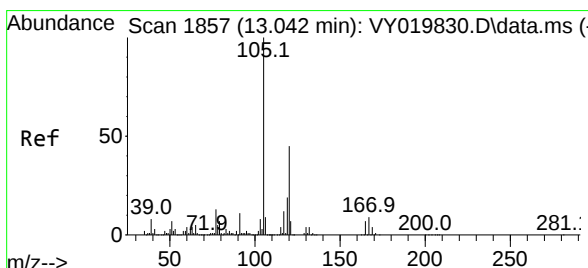
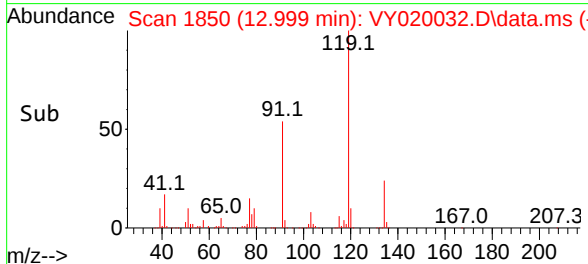
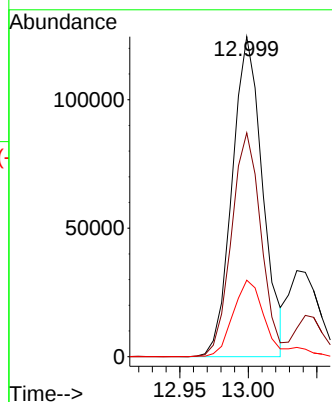
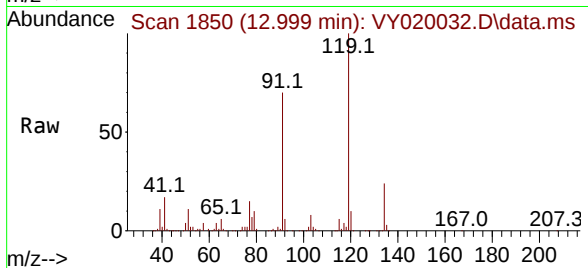
Tgt Ion:119 Resp: 192975

Ion Ratio Lower Upper

119 100

91 67.8 31.3 93.8

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.247 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020032.D

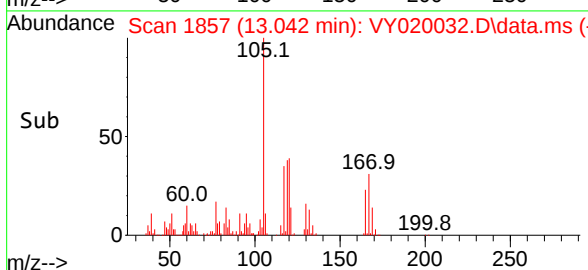
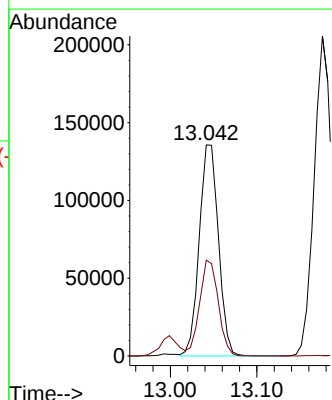
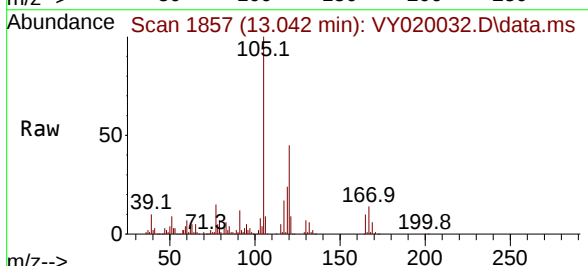
Acq: 28 Oct 2024 11:02

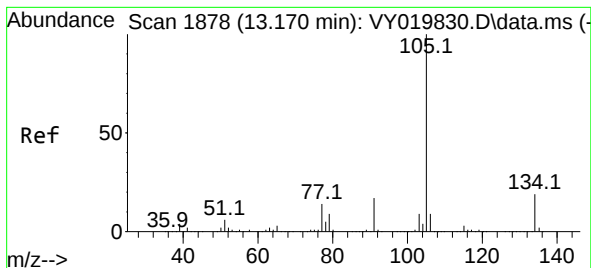
Tgt Ion:105 Resp: 209092

Ion Ratio Lower Upper

105 100

120 44.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.380 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

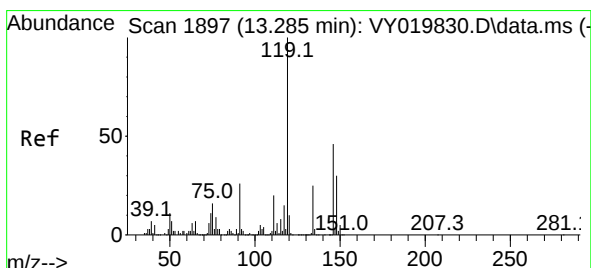
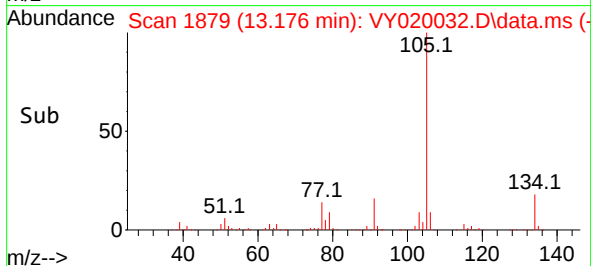
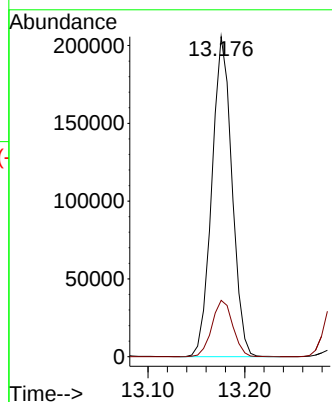
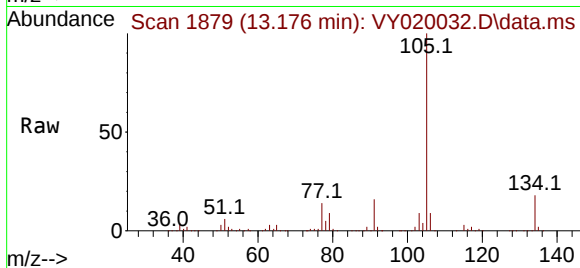
ClientSampleId :

Tgt Ion:105 Resp: 297318

Ion Ratio Lower Upper

105 100

134 18.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.756 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

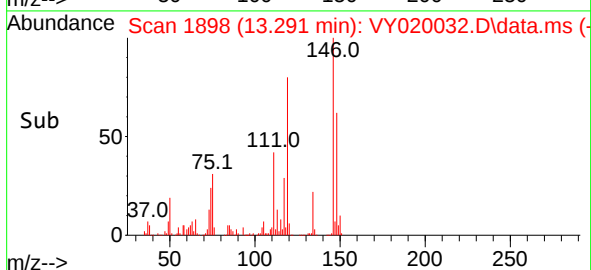
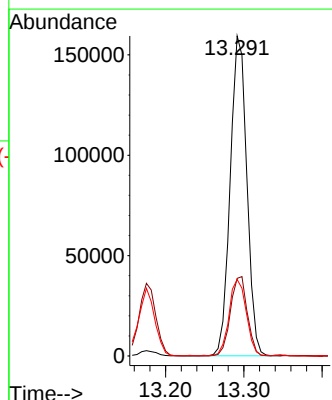
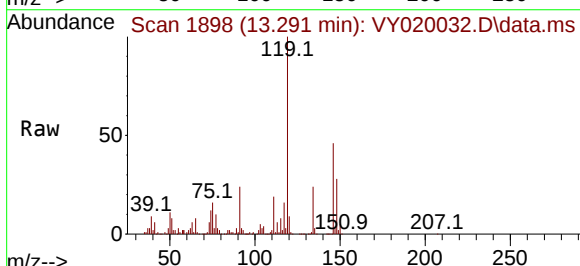
Tgt Ion:119 Resp: 234698

Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 24.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.030 ug/l

RT: 13.291 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

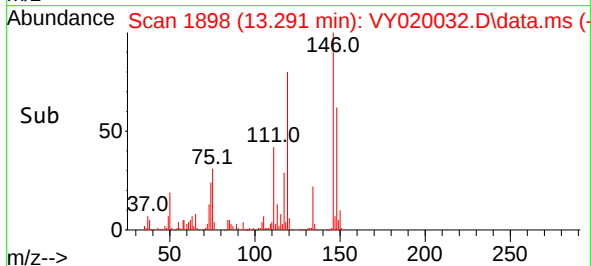
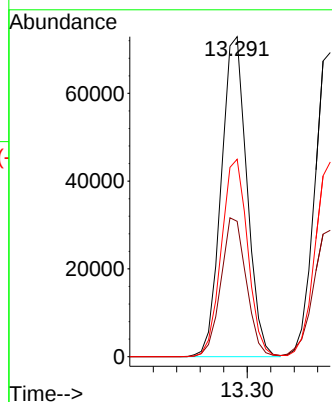
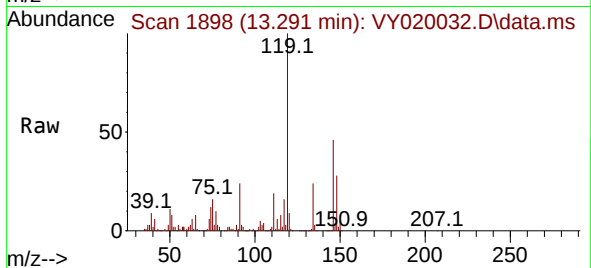
Tgt Ion:146 Resp: 110766

Ion Ratio Lower Upper

146 100

111 43.0 19.0 57.0

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.235 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

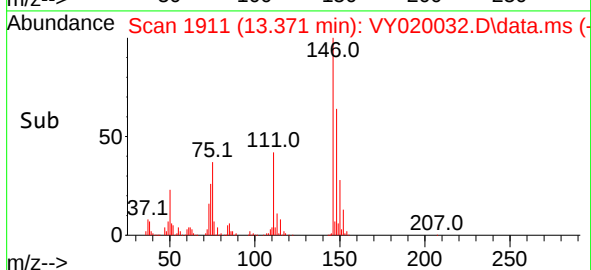
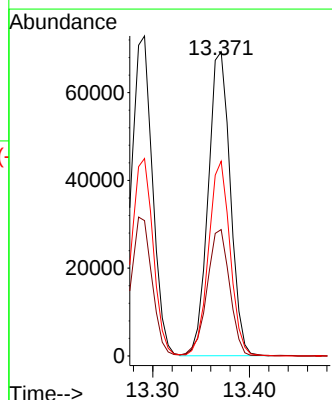
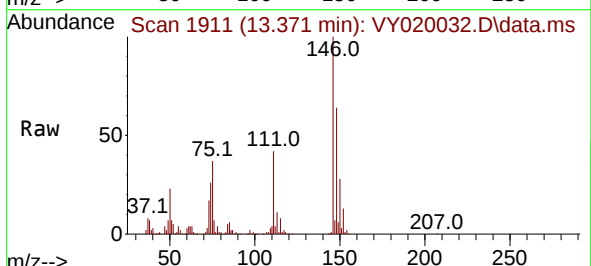
Tgt Ion:146 Resp: 109876

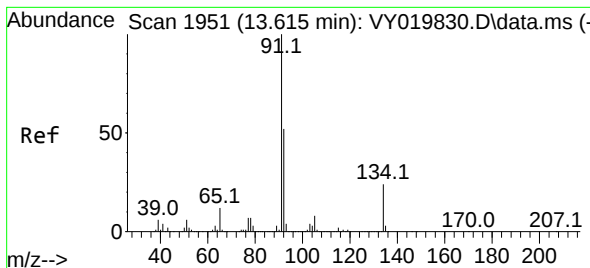
Ion Ratio Lower Upper

146 100

111 42.8 18.4 55.4

148 62.6 32.4 97.2





#89

n-Butylbenzene

Concen: 22.531 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

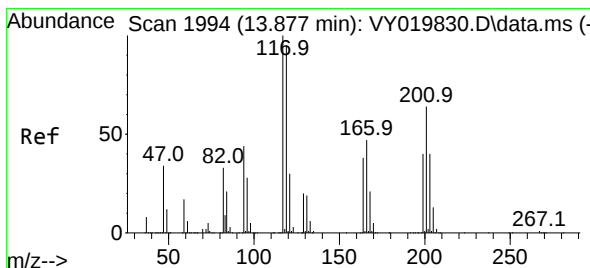
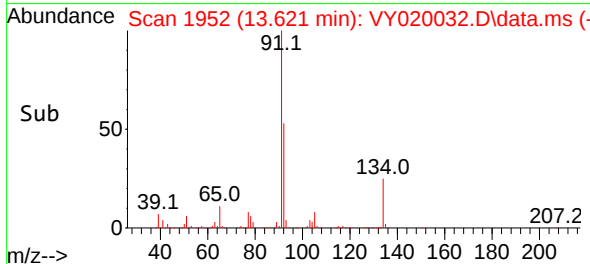
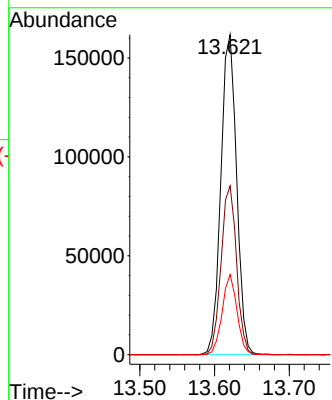
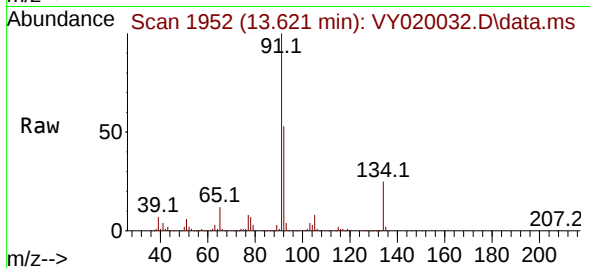
Tgt Ion: 91 Resp: 237339

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

134 23.5 12.9 38.7



#90

Hexachloroethane

Concen: 22.294 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY020032.D

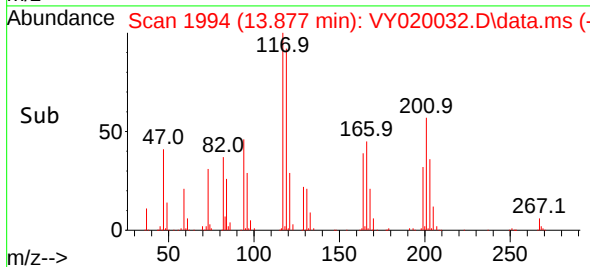
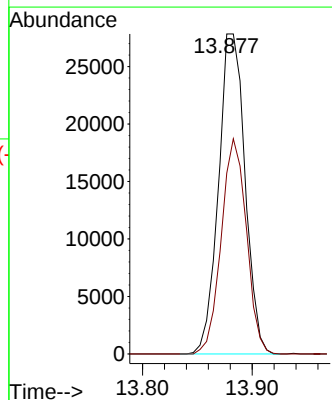
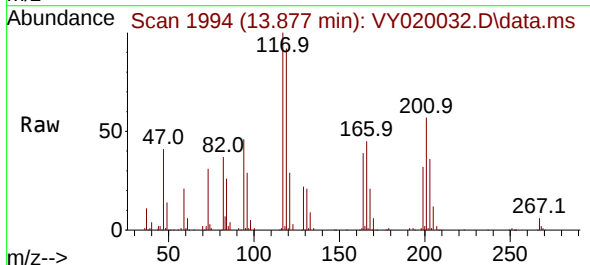
Acq: 28 Oct 2024 11:02

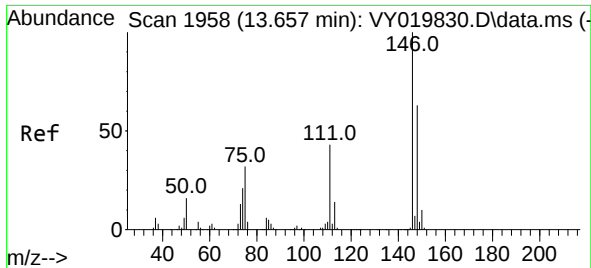
Tgt Ion: 117 Resp: 46832

Ion Ratio Lower Upper

117 100

201 63.7 37.4 112.2

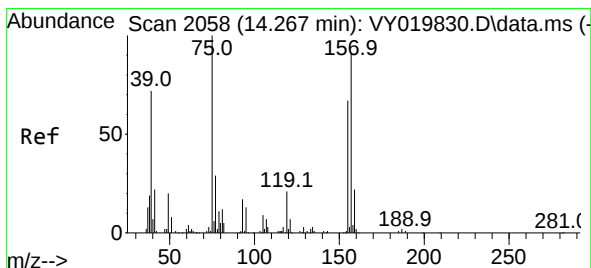
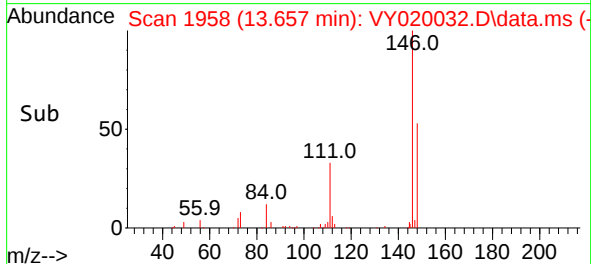
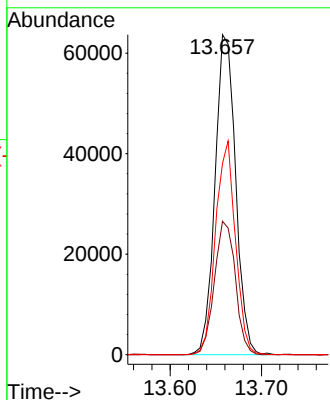
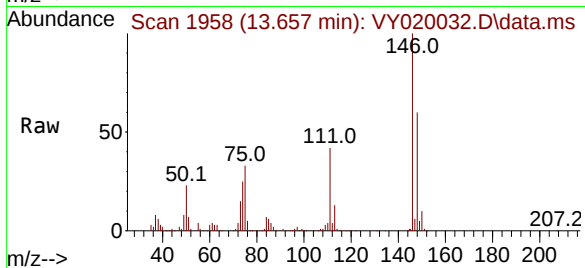




#91
1,2-Dichlorobenzene
Concen: 21.596 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

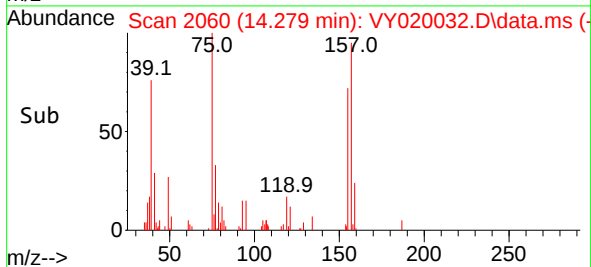
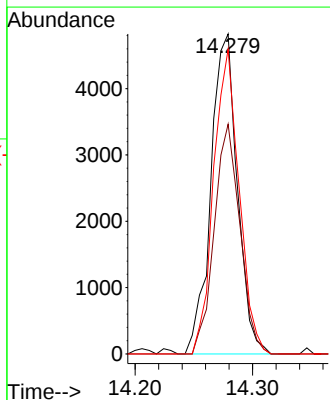
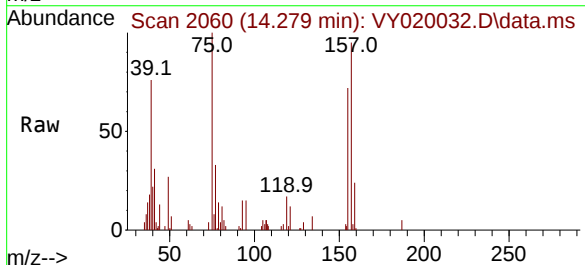
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.9	59.7
148	64.3	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.671 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020032.D
Acq: 28 Oct 2024 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	48.6	145.8
157	91.6	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.314 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

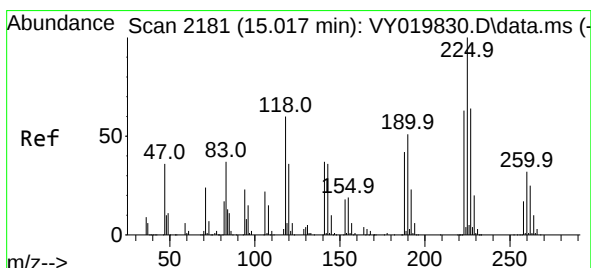
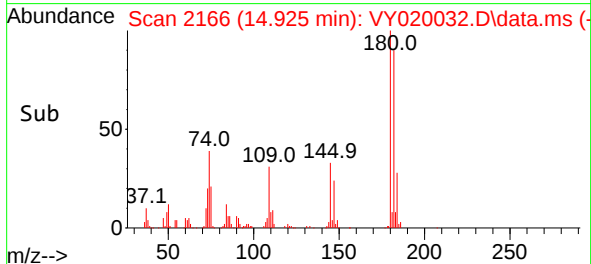
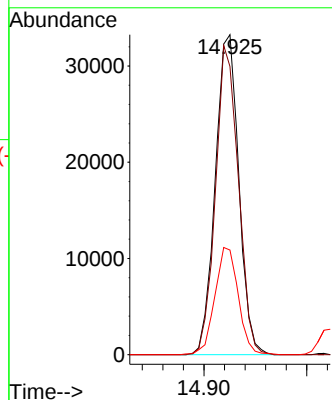
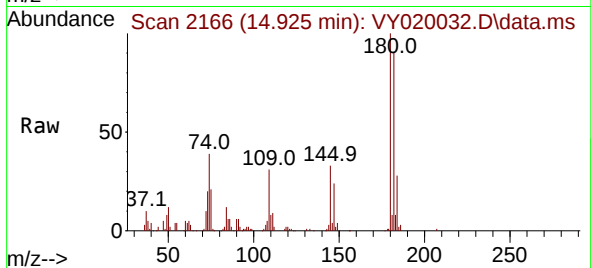
Tgt Ion:180 Resp: 52715

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 33.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.136 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

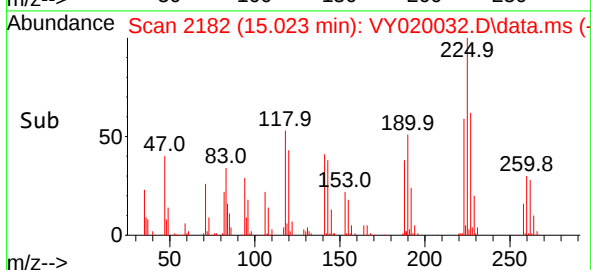
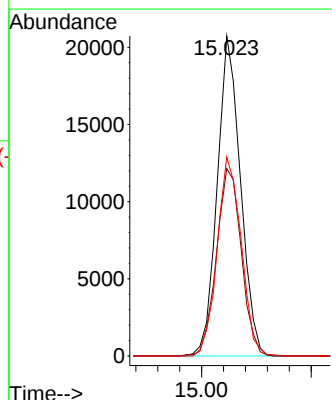
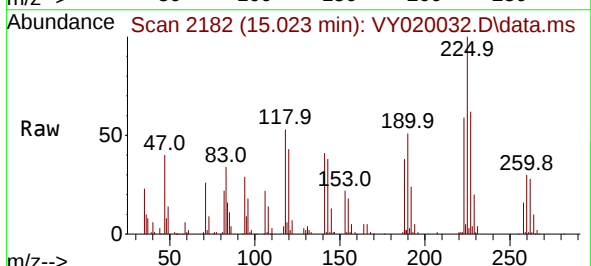
Tgt Ion:225 Resp: 30493

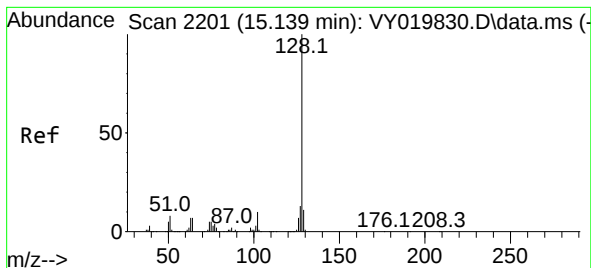
Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 20.511 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

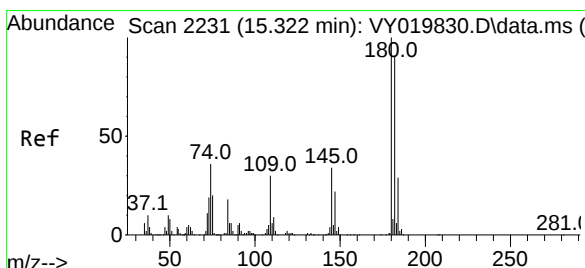
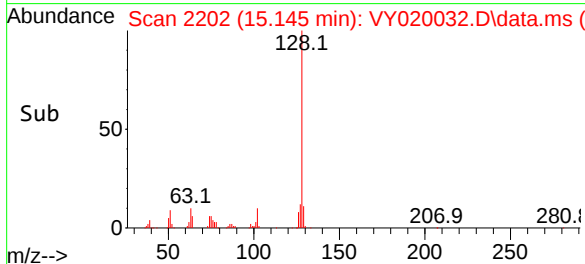
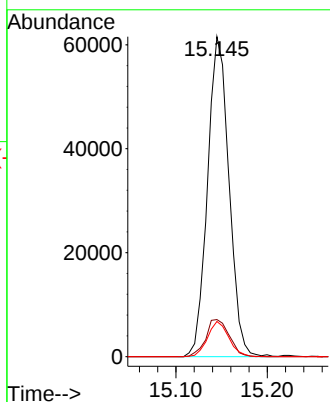
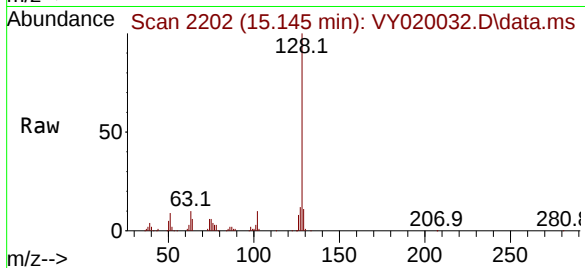
Tgt Ion:128 Resp: 100388

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.756 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020032.D

Acq: 28 Oct 2024 11:02

Tgt Ion:180 Resp: 45531

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 33.9 15.4 46.1

