

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019235.D
 Acq On : 22 Aug 2024 21:10
 Operator : SY/MD
 Sample : P3643-03MSD
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:59:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	97693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	143520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	78920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	17651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	50239	51.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.622	113	51064	54.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.820%	
50) Toluene-d8	10.103	98	148330	43.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.840%	
62) 4-Bromofluorobenzene	12.408	95	22870	19.866	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 39.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38792	54.122	ug/l	96
3) Chloromethane	2.068	50	65046	50.348	ug/l	98
4) Vinyl Chloride	2.202	62	71976	45.103	ug/l	100
5) Bromomethane	2.592	94	47131	48.152	ug/l	98
6) Chloroethane	2.732	64	47579	46.572	ug/l	97
7) Trichlorofluoromethane	3.049	101	96185	39.866	ug/l	94
8) Diethyl Ether	3.446	74	21953	42.154	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.805	101	44935	41.893	ug/l	99
10) Methyl Iodide	3.994	142	40483	38.506	ug/l	93
11) Tert butyl alcohol	4.836	59	13800	148.556	ug/l #	92
12) 1,1-Dichloroethene	3.781	96	41182	42.260	ug/l	95
13) Acrolein	3.641	56	443	Below Cal		92
14) Allyl chloride	4.378	41	55106	42.532	ug/l	95
15) Acrylonitrile	5.043	53	47468	222.762	ug/l	97
16) Acetone	3.854	43	46495	256.011	ug/l #	86
17) Carbon Disulfide	4.098	76	106419	38.718	ug/l	100
18) Methyl Acetate	4.372	43	80899	145.139	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	116141	49.159	ug/l	94
20) Methylene Chloride	4.610	84	58840	52.725	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	49987	45.914	ug/l	95
22) Diisopropyl ether	6.012	45	169426	57.123	ug/l	95
23) Vinyl Acetate	6.006	43	93776	39.935	ug/l #	69
24) 1,1-Dichloroethane	5.909	63	103701	57.171	ug/l	98
25) 2-Butanone	6.884	43	71064	242.968	ug/l	90
26) 2,2-Dichloropropane	6.872	77	75214	51.207	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	65999	51.512	ug/l	97
28) Bromochloromethane	7.232	49	41297	54.276	ug/l	95
29) Tetrahydrofuran	7.250	42	46727	248.527	ug/l	89
30) Chloroform	7.415	83	109114	53.986	ug/l	100
31) Cyclohexane	7.689	56	69595	49.652	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	97521	54.903	ug/l	97
36) 1,1-Dichloropropene	7.829	75	65453	50.793	ug/l	100
37) Ethyl Acetate	6.976	43	26195	45.882	ug/l	95
38) Carbon Tetrachloride	7.805	117	82579	55.297	ug/l	98
39) Methylcyclohexane	9.103	83	63973	38.686	ug/l	95
40) Benzene	8.073	78	218067	55.177	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	14845	47.639	ug/l	95
42) 1,2-Dichloroethane	8.152	62	59605	55.850	ug/l	97
43) Isopropyl Acetate	8.189	43	54591	47.280	ug/l #	81
44) Trichloroethene	8.859	130	50639	45.920	ug/l	96
45) 1,2-Dichloropropane	9.134	63	49365	56.062	ug/l	91
46) Dibromomethane	9.225	93	27707	48.514	ug/l	97
47) Bromodichloromethane	9.420	83	70583	50.374	ug/l	100
48) Methyl methacrylate	9.213	41	30343	58.967	ug/l #	83
49) 1,4-Dioxane	9.219	88	7037	1017.158	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	154555	252.200	ug/l	93
52) Toluene	10.170	92	114371	44.086	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	47181	40.592	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	62470	44.690	ug/l	92
55) 1,1,2-Trichloroethane	10.572	97	34339	46.706	ug/l	94
56) Ethyl methacrylate	10.438	69	31012	32.226	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	55041	45.924	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	80406	176.124	ug/l	99
59) 2-Hexanone	10.761	43	94750	225.047	ug/l	89
60) Dibromochloromethane	10.914	129	40340	40.284	ug/l	97
61) 1,2-Dibromoethane	11.018	107	29203	41.095	ug/l	97
64) Tetrachloroethene	10.646	164	37044	53.701	ug/l	97
65) Chlorobenzene	11.444	112	84978	46.762	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	41376	64.745	ug/l	97
67) Ethyl Benzene	11.517	91	170089	53.926	ug/l	94
68) m/p-Xylenes	11.627	106	121394	96.997	ug/l	100
69) o-Xylene	11.956	106	56332	48.605	ug/l	98
70) Styrene	11.969	104	47367	23.967	ug/l #	89
71) Bromoform	12.133	173	18396	50.357	ug/l #	96
73) Isopropylbenzene	12.255	105	140890	104.142	ug/l	98
74) N-amyl acetate	12.072	43	19347	65.583	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	25429	105.580	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	31546	181.225	ug/l #	100
77) Bromobenzene	12.536	156	22542	69.381	ug/l	92
78) n-propylbenzene	12.597	91	131809	81.501	ug/l	99
79) 2-Chlorotoluene	12.682	91	64268	70.881	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	83350	75.627	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	6855	97.257	ug/l #	84
82) 4-Chlorotoluene	12.779	91	57485	60.939	ug/l	98
83) tert-Butylbenzene	12.999	119	89220	87.661	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	73068	66.520	ug/l	99
85) sec-Butylbenzene	13.176	105	104023	70.135	ug/l	100
86) p-Isopropyltoluene	13.298	119	77311	63.460	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	26778	41.792	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	26428	41.493	ug/l	99
89) n-Butylbenzene	13.621	91	48700	43.846	ug/l	97
90) Hexachloroethane	13.883	117	17885	74.482	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	21461	38.083	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3039	85.771	ug/l	86
93) 1,2,4-Trichlorobenzene	14.925	180	4923	15.491	ug/l	95
94) Hexachlorobutadiene	15.023	225	5232	31.607	ug/l	98
95) Naphthalene	15.145	128	6537	11.525	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.334	180	3068	11.446	ug/l	96

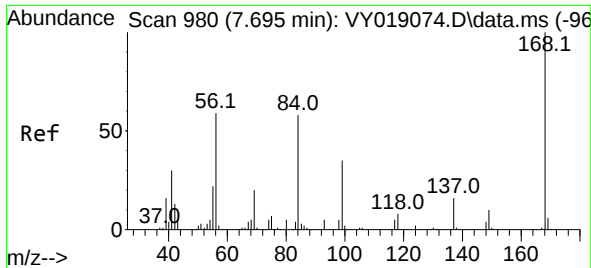
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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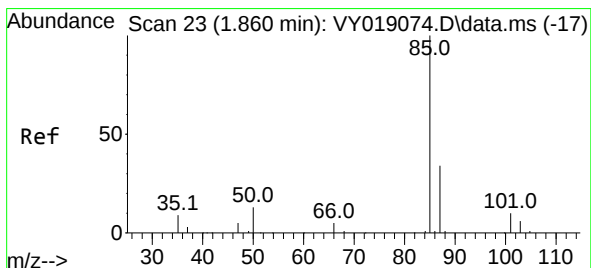
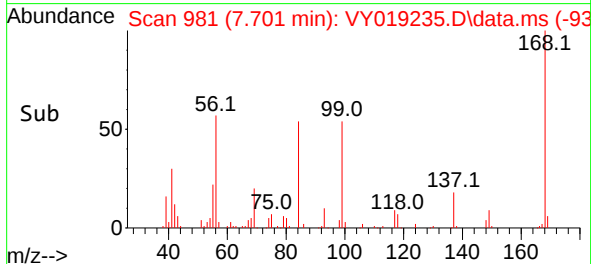
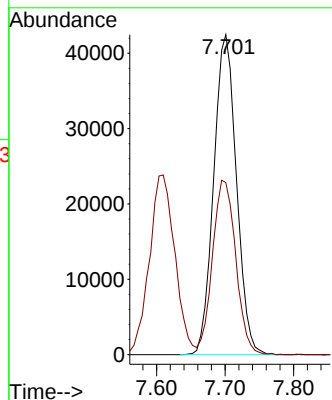
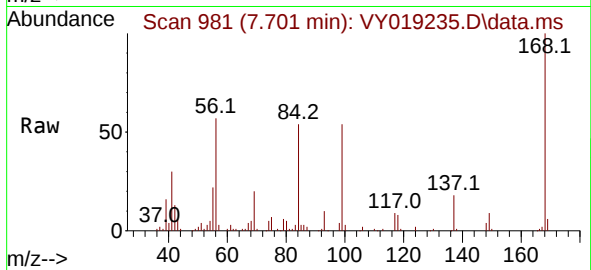
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019235.D
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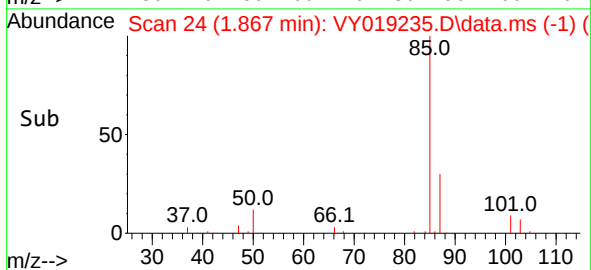
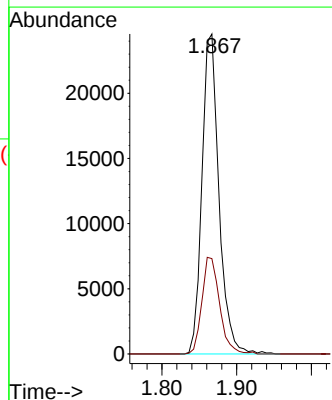
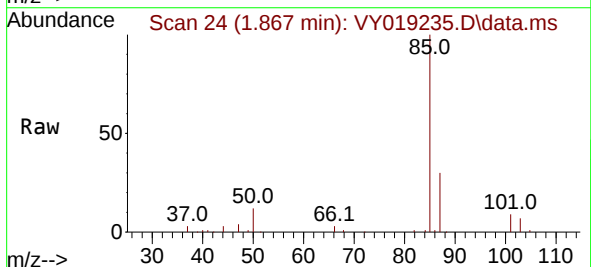
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 97693
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 54.122 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 85 Resp: 38792
Ion Ratio Lower Upper
85 100
87 29.8 16.0 48.0

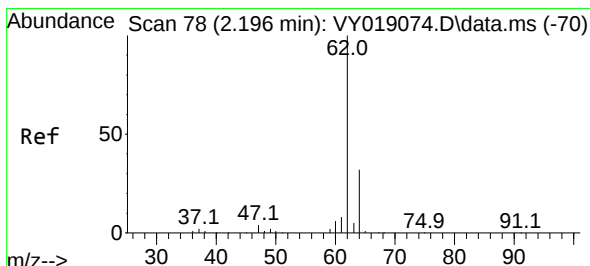
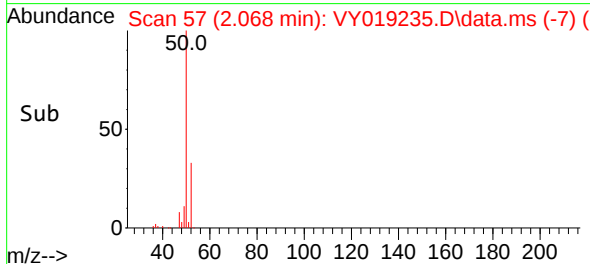
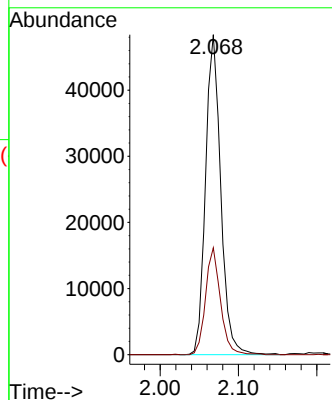
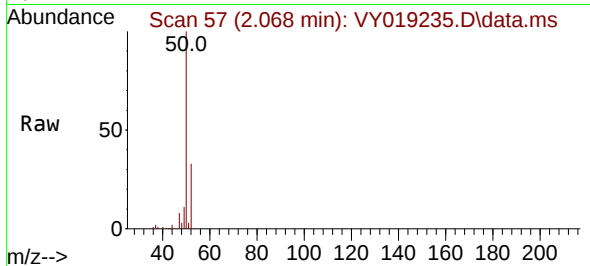




#3
Chloromethane
Concen: 50.348 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

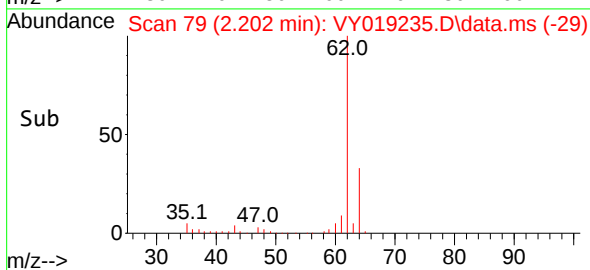
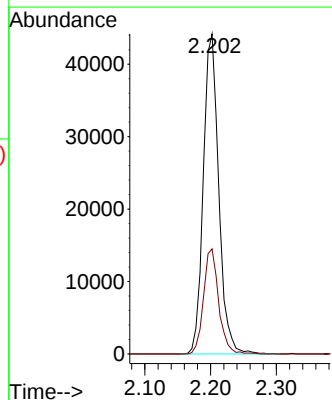
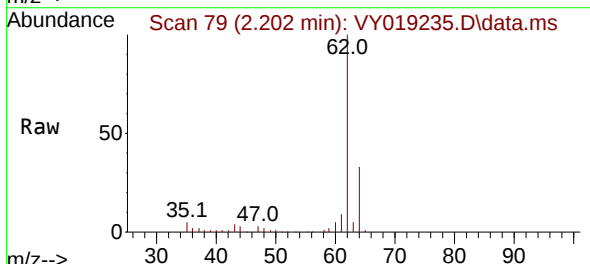
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 65046
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 45.103 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 62 Resp: 71976
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

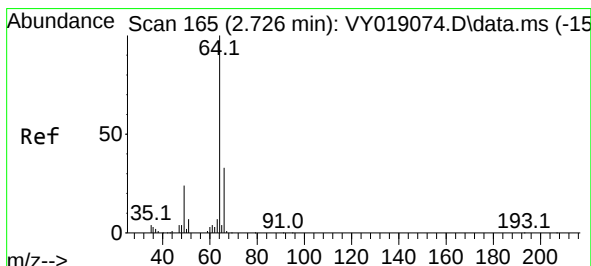
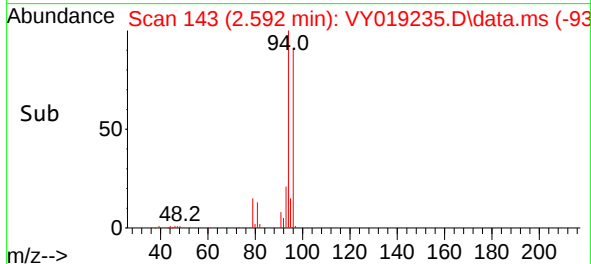
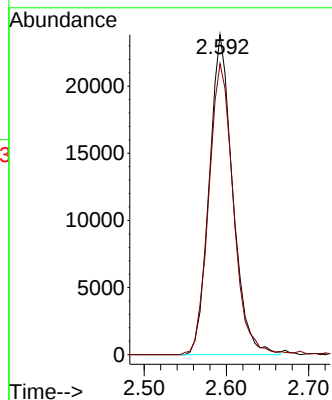
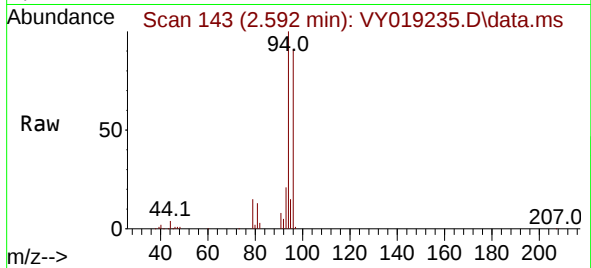




#5
Bromomethane
Concen: 48.152 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

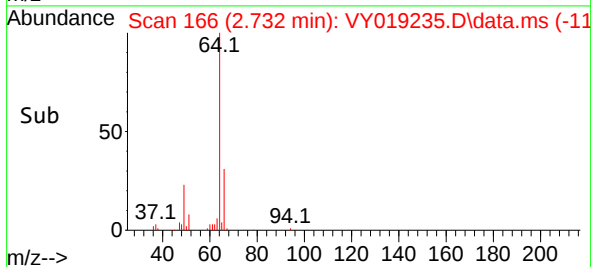
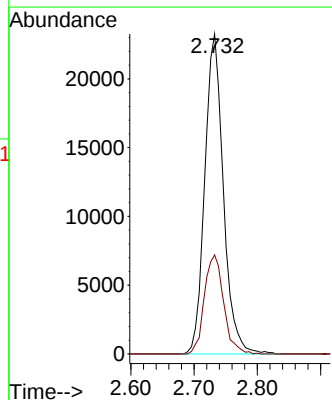
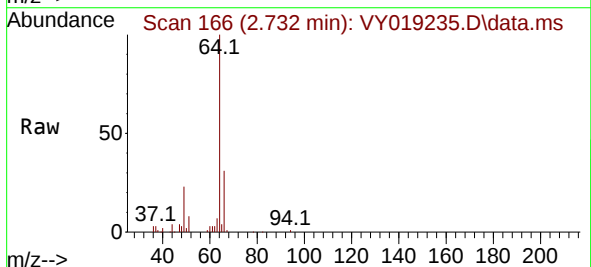
Instrument :
MSVOA_Y
ClientSampleId :

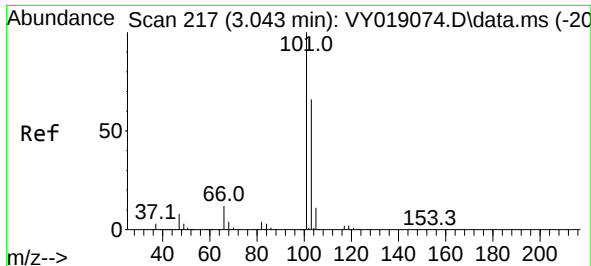
Tgt Ion: 94 Resp: 47131
Ion Ratio Lower Upper
94 100
96 90.9 74.1 111.1



#6
Chloroethane
Concen: 46.572 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 64 Resp: 47579
Ion Ratio Lower Upper
64 100
66 30.9 26.1 39.1

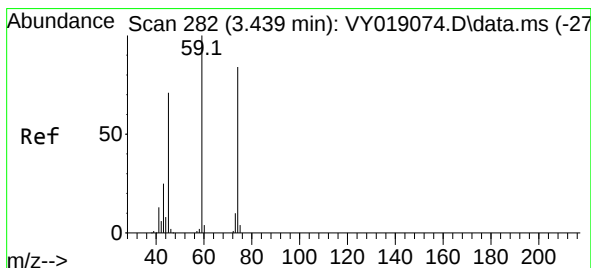
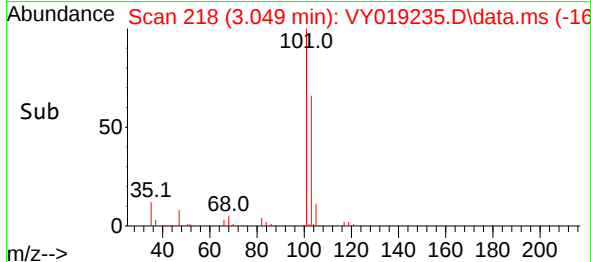
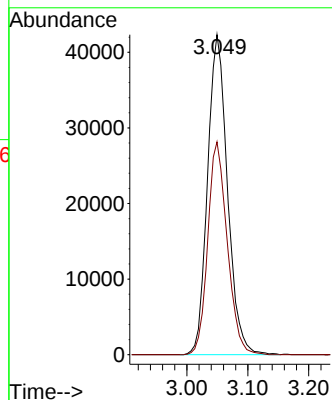
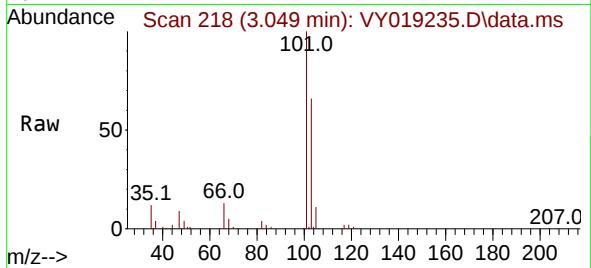




#7
Trichlorofluoromethane
Concen: 39.866 ug/l
RT: 3.049 min Scan# 217
Delta R.T. 0.006 min
Lab File: VY019235.D
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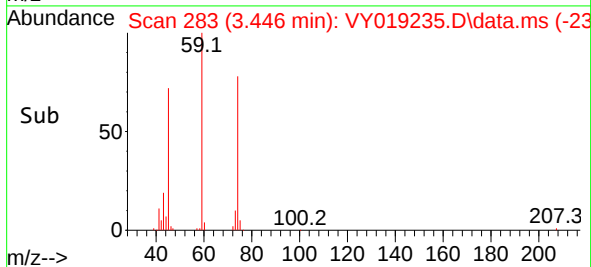
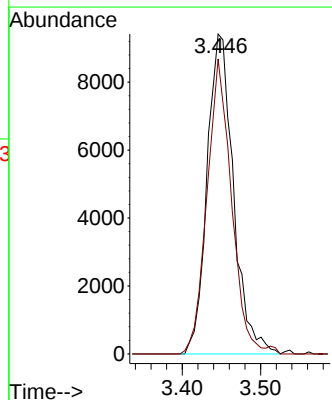
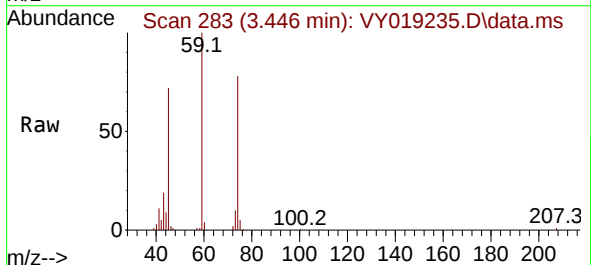
Instrument :
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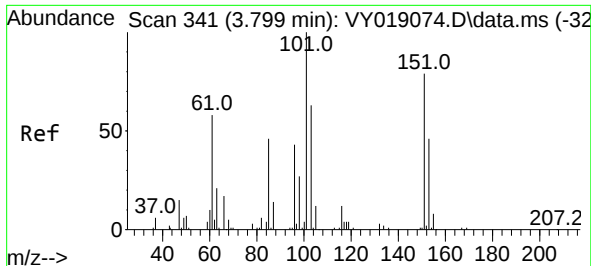
Tgt Ion:101 Resp: 96185
Ion Ratio Lower Upper
101 100
103 66.5 49.3 73.9



#8
Diethyl Ether
Concen: 42.154 ug/l
RT: 3.446 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 74 Resp: 21953
Ion Ratio Lower Upper
74 100
45 86.3 41.3 124.1

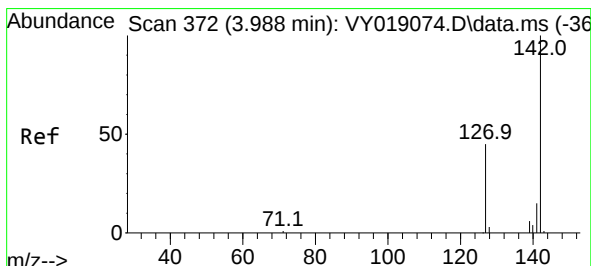
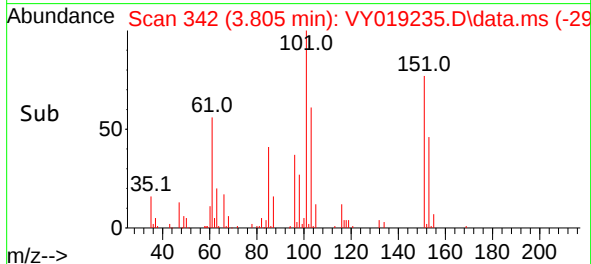
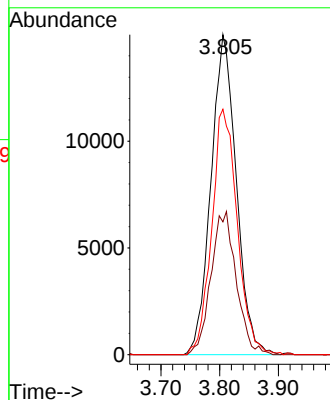
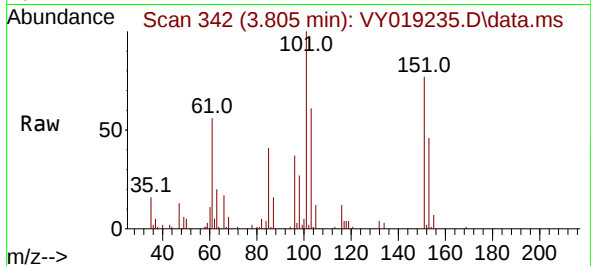




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.893 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019235.D
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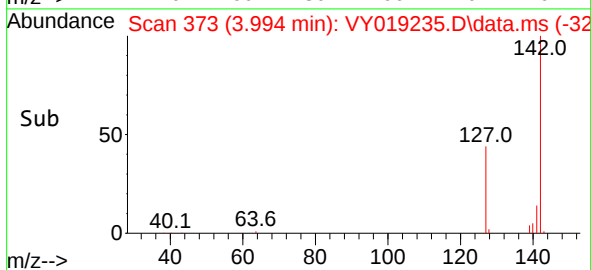
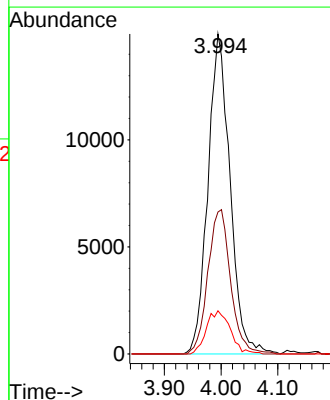
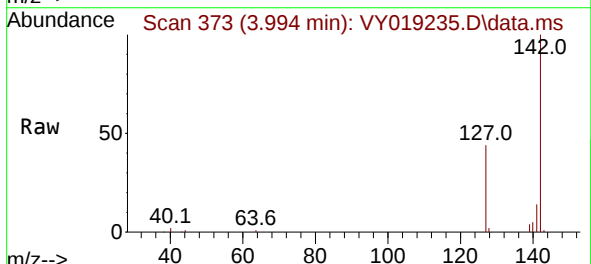
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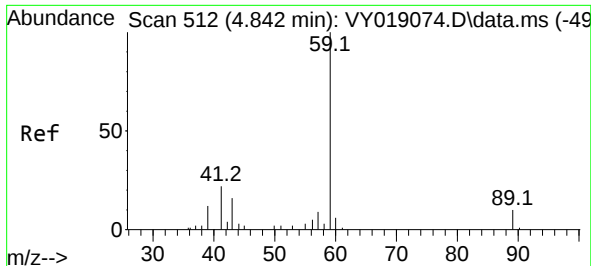
Tgt Ion:101 Resp: 44935
Ion Ratio Lower Upper
101 100
85 44.7 34.5 51.7
151 77.3 61.7 92.5



#10
Methyl Iodide
Concen: 38.506 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion:142 Resp: 40483
Ion Ratio Lower Upper
142 100
127 46.4 32.8 49.2
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 148.556 ug/l

RT: 4.836 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

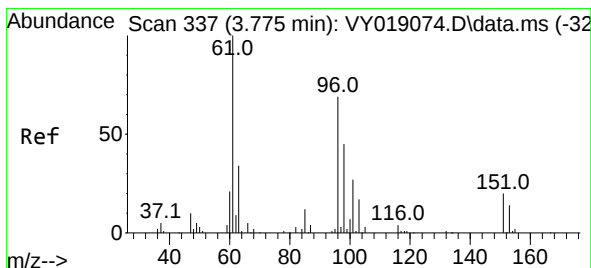
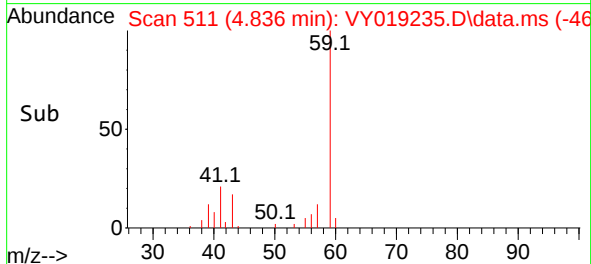
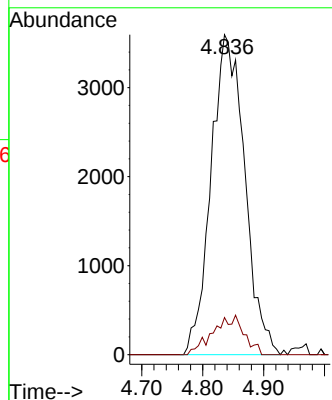
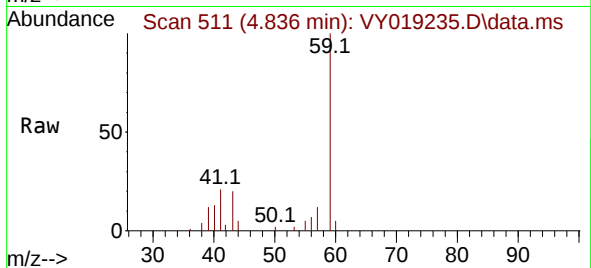
ClientSampleId :

Tgt Ion: 59 Resp: 13800

Ion Ratio Lower Upper

59 100

57 6.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 42.260 ug/l

RT: 3.781 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

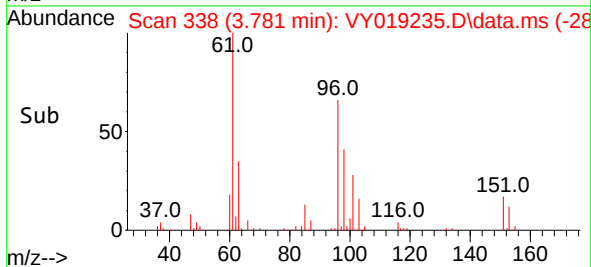
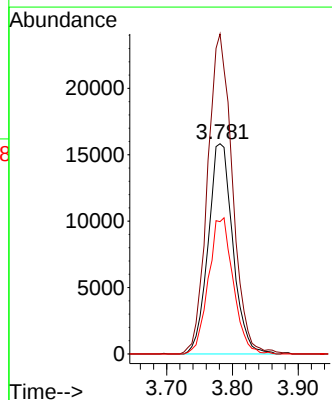
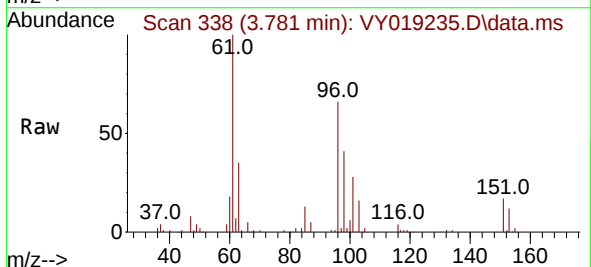
Tgt Ion: 96 Resp: 41182

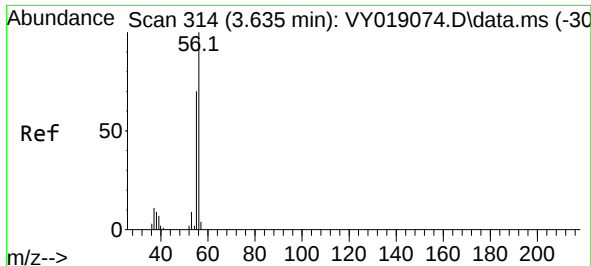
Ion Ratio Lower Upper

96 100

61 152.2 114.6 171.8

98 62.9 50.8 76.2





#13

Acrolein

Concen: Below Cal

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

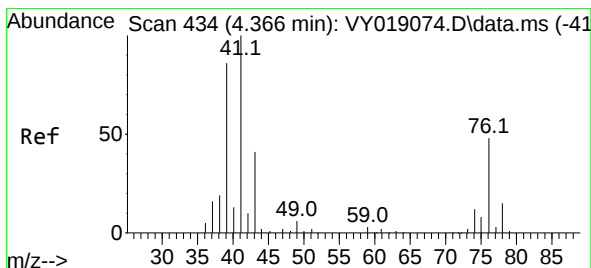
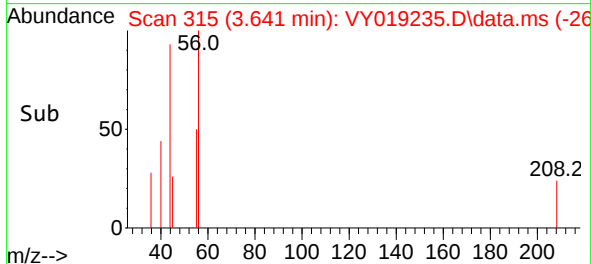
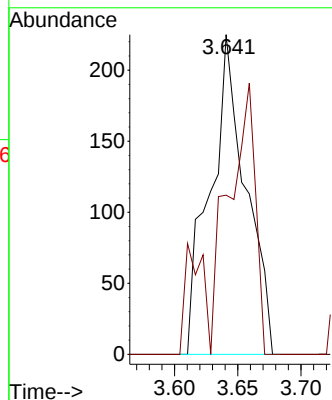
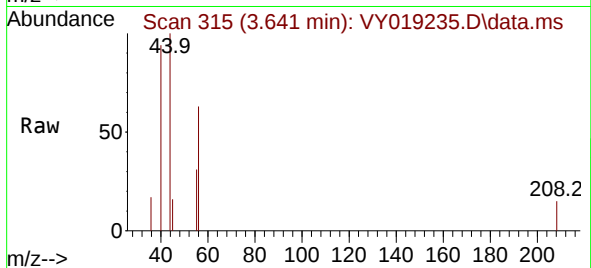
ClientSampleId :

Tgt Ion: 56 Resp: 443

Ion Ratio Lower Upper

56 100

55 63.4 55.7 83.5



#14

Allyl chloride

Concen: 42.532 ug/l

RT: 4.378 min Scan# 436

Delta R.T. 0.012 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

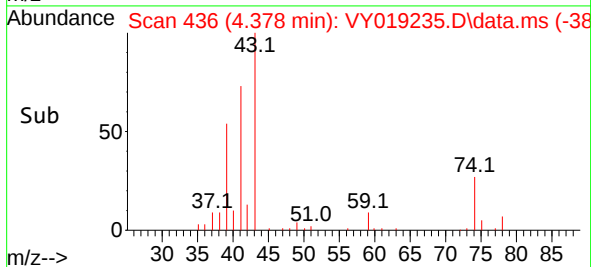
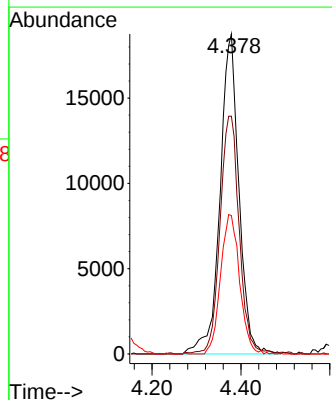
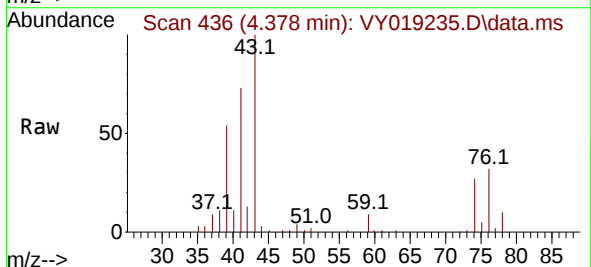
Tgt Ion: 41 Resp: 55106

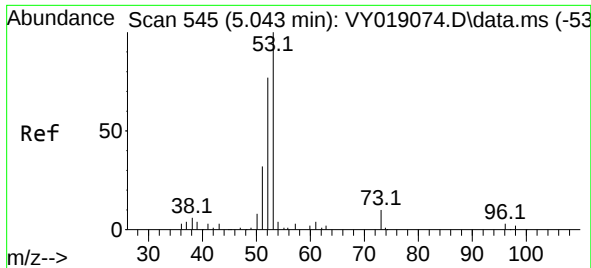
Ion Ratio Lower Upper

41 100

39 75.7 58.3 87.5

76 43.9 39.0 58.6

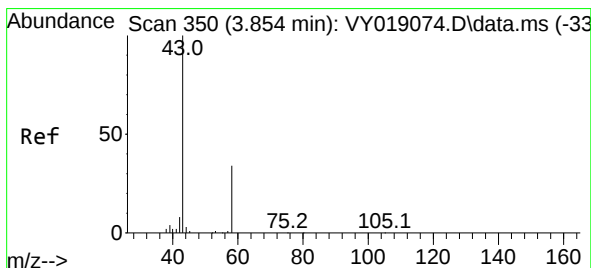
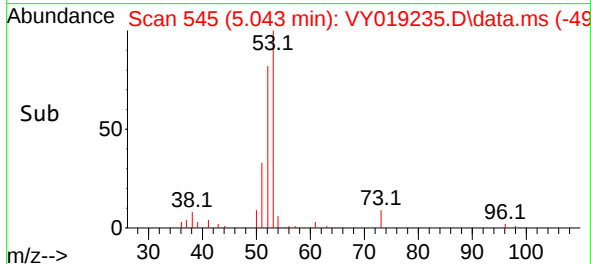
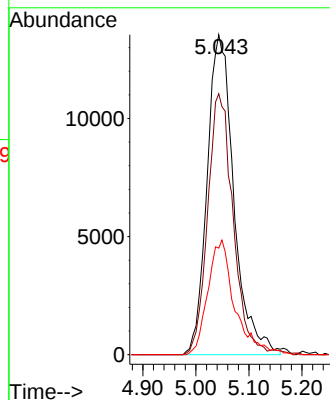
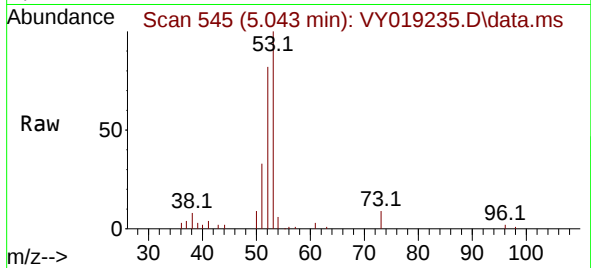




#15
Acrylonitrile
Concen: 222.762 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

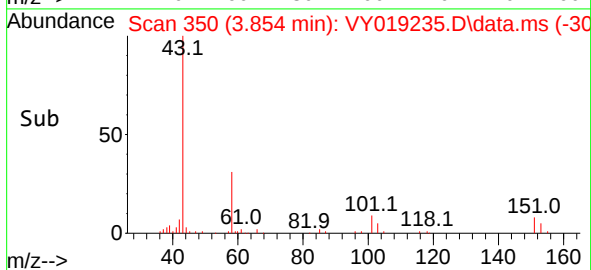
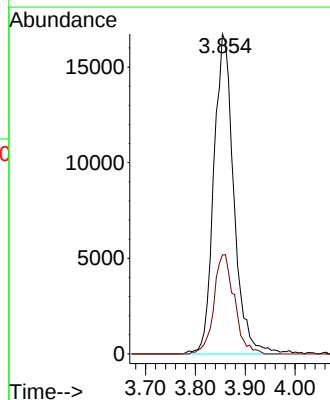
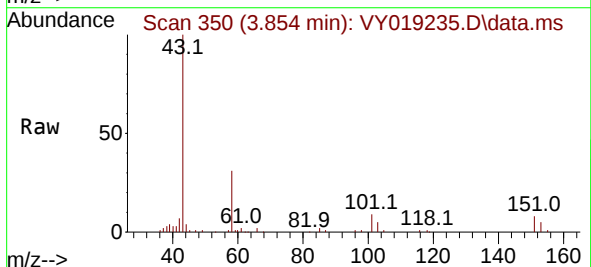
Instrument :
MSVOA_Y
ClientSampleId :

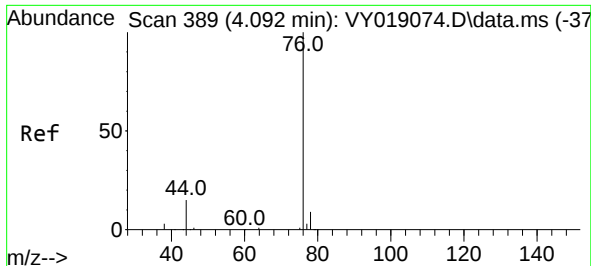
Tgt Ion: 53 Resp: 47468
Ion Ratio Lower Upper
53 100
52 77.2 64.7 97.1
51 36.1 28.4 42.6



#16
Acetone
Concen: 256.011 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 43 Resp: 46495
Ion Ratio Lower Upper
43 100
58 31.0 31.7 47.5#

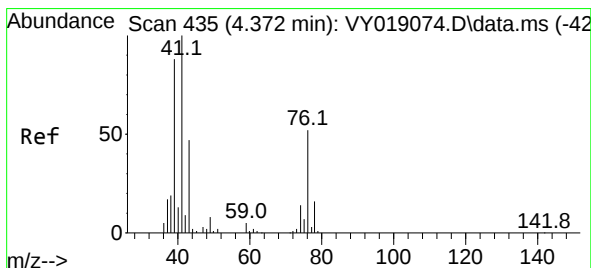
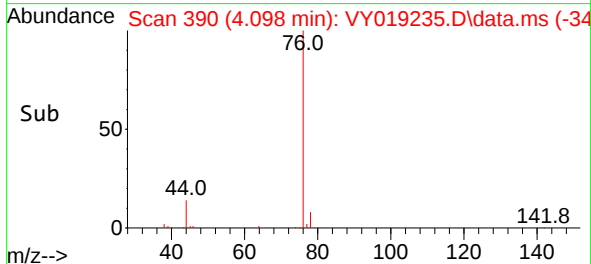
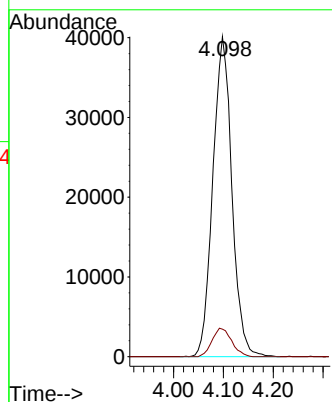
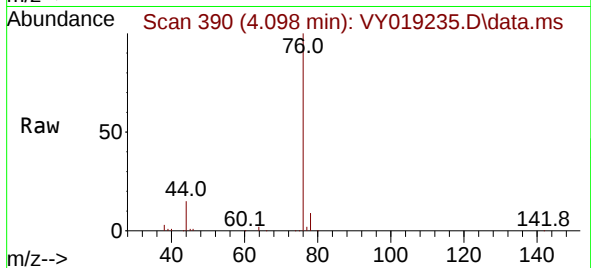




#17
Carbon Disulfide
Concen: 38.718 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

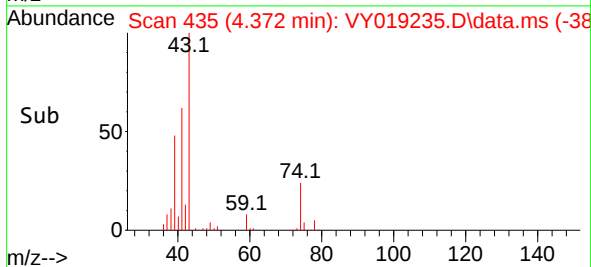
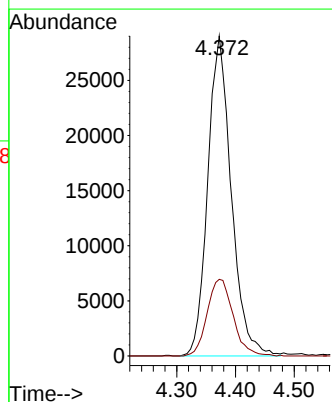
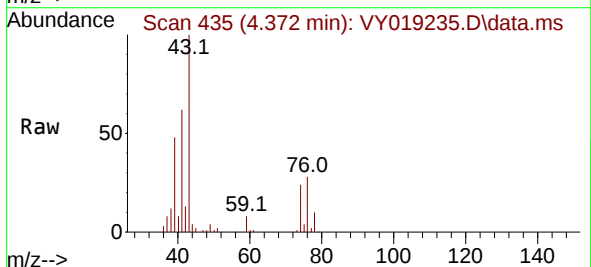
Instrument :
MSVOA_Y
ClientSampleId :

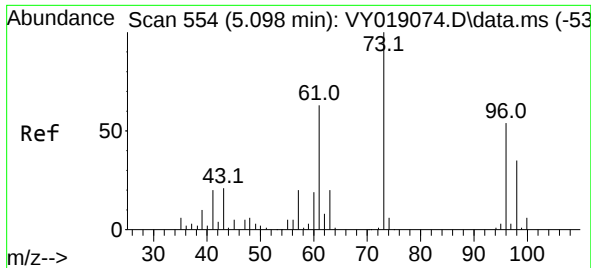
Tgt Ion: 76 Resp: 106419
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 145.139 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 43 Resp: 80899
Ion Ratio Lower Upper
43 100
74 26.3 23.3 34.9

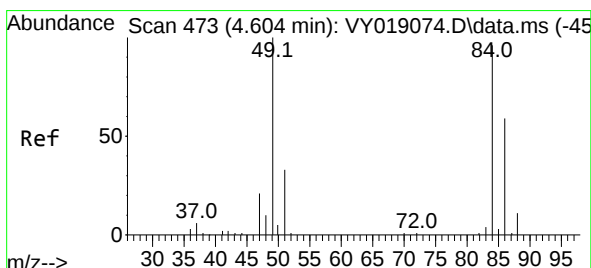
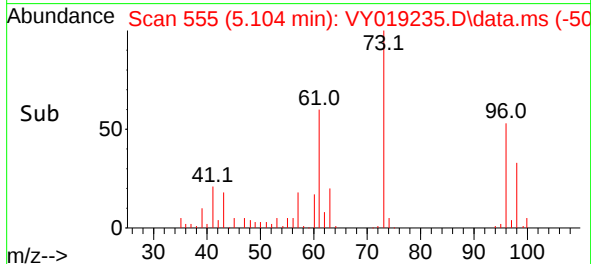
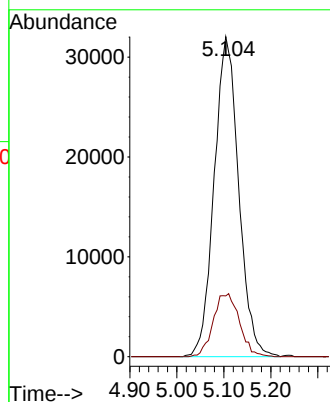
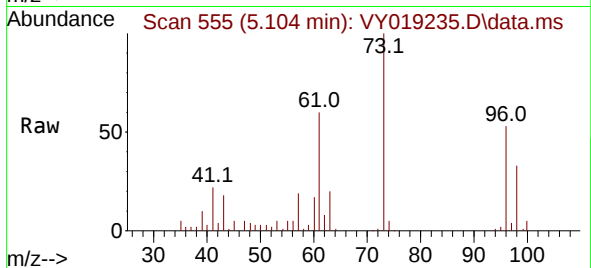




#19
Methyl tert-butyl Ether
Concen: 49.159 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

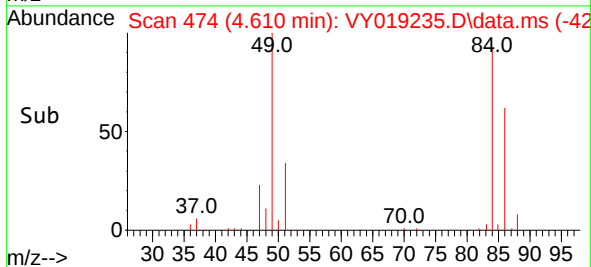
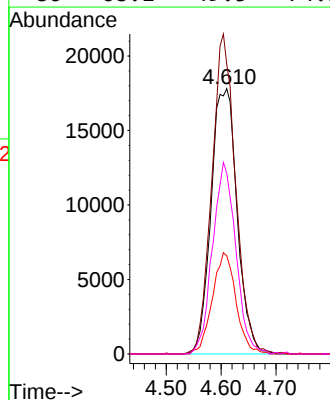
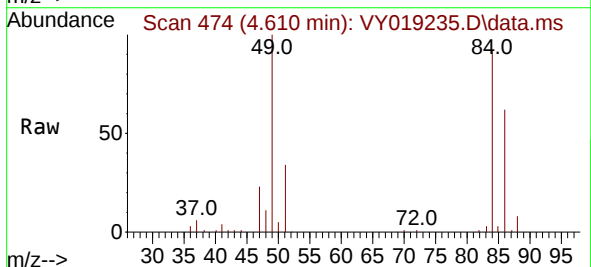
Instrument :
MSVOA_Y
ClientSampleId :

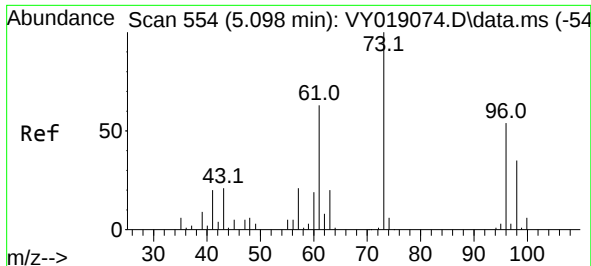
Tgt Ion: 73 Resp: 116141
Ion Ratio Lower Upper
73 100
57 19.0 17.3 25.9



#20
Methylene Chloride
Concen: 52.725 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 84 Resp: 58840
Ion Ratio Lower Upper
84 100
49 109.1 84.4 126.6
51 37.0 26.0 39.0
86 68.1 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 45.914 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

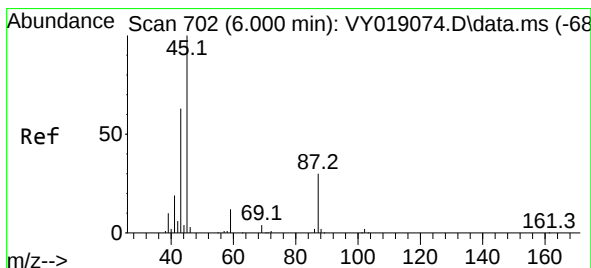
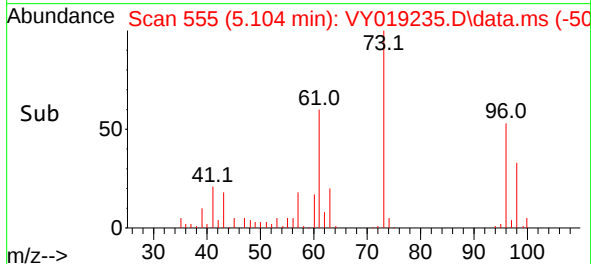
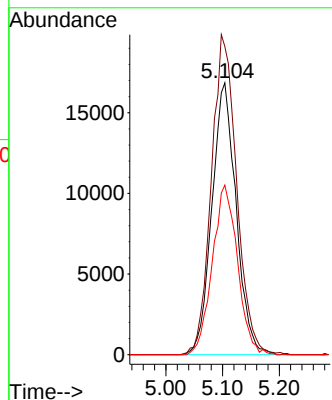
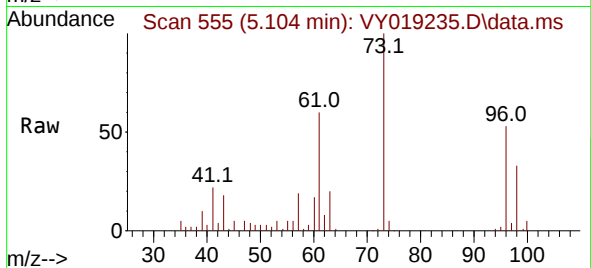
Tgt Ion: 96 Resp: 49987

Ion Ratio Lower Upper

96 100

61 113.3 97.5 146.3

98 62.4 50.5 75.7



#22

Diisopropyl ether

Concen: 57.123 ug/l

RT: 6.012 min Scan# 704

Delta R.T. 0.012 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Tgt Ion: 45 Resp: 169426

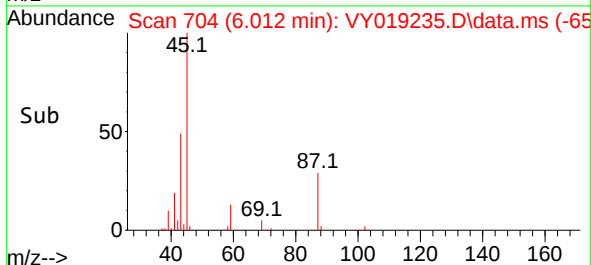
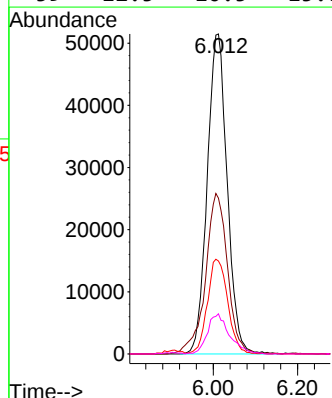
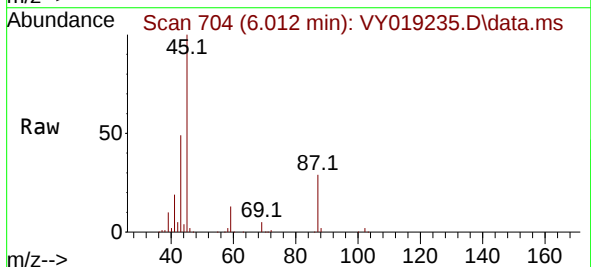
Ion Ratio Lower Upper

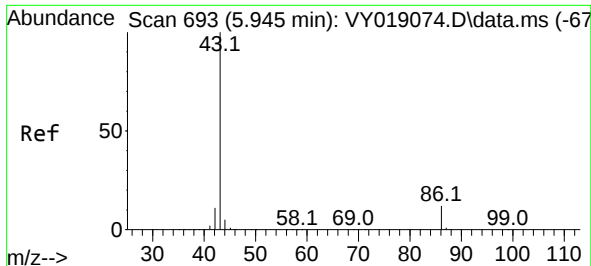
45 100

43 48.6 42.2 63.2

87 29.1 25.0 37.6

59 12.5 10.5 15.7

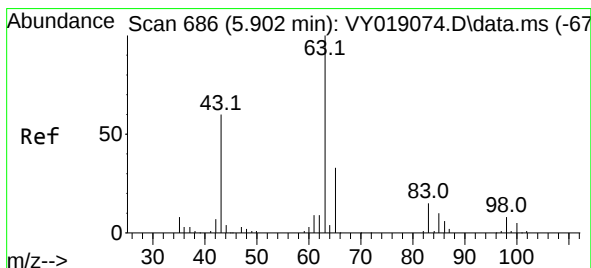
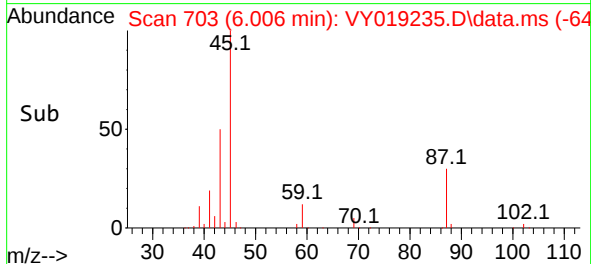
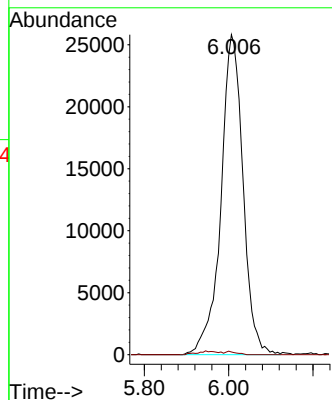
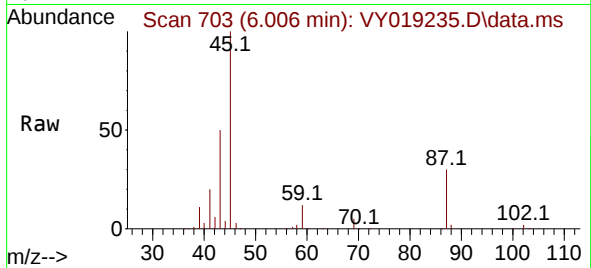




#23
 Vinyl Acetate
 Concen: 39.935 ug/l
 RT: 6.006 min Scan# 703
 Delta R.T. 0.061 min
 Lab File: VY019235.D
 Acq: 22 Aug 2024 21:10

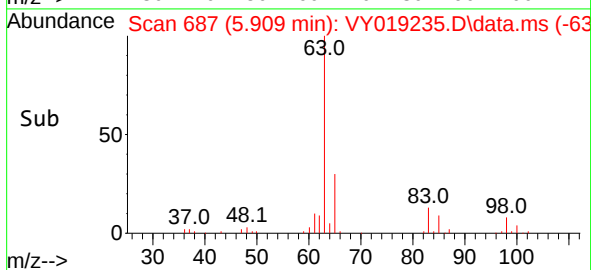
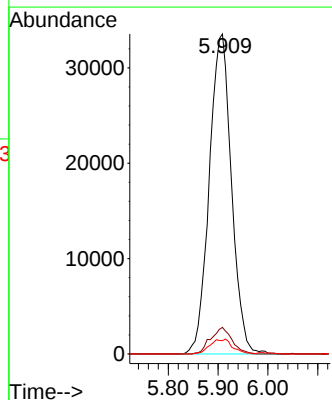
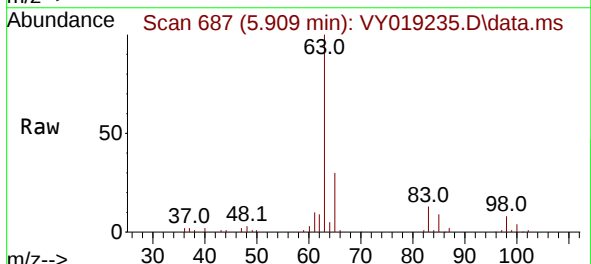
Instrument :
 MSVOA_Y
 ClientSampleId :

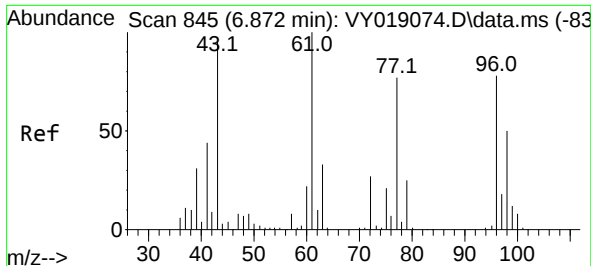
Tgt Ion: 43 Resp: 93776
 Ion Ratio Lower Upper
 43 100
 86 0.8 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 57.171 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019235.D
 Acq: 22 Aug 2024 21:10

Tgt Ion: 63 Resp: 103701
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 12.2
 100 4.2 2.6 8.0





#25

2-Butanone

Concen: 242.968 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

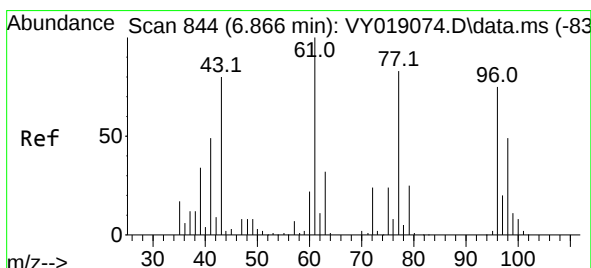
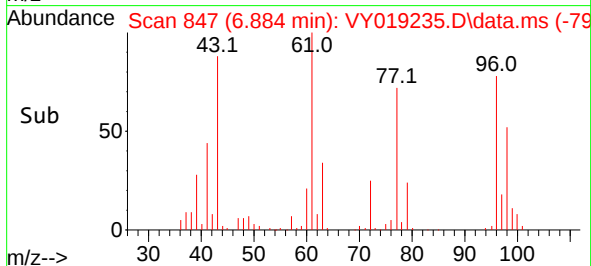
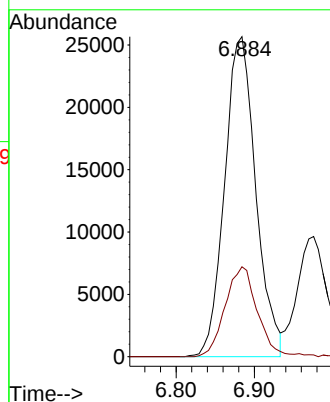
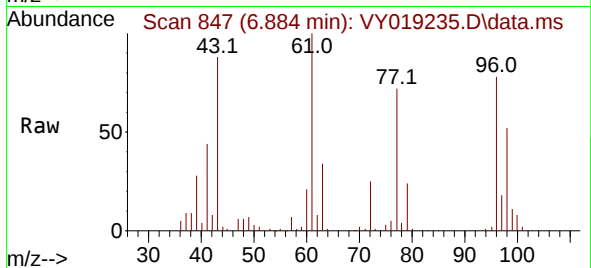
ClientSampleId :

Tgt Ion: 43 Resp: 71064

Ion Ratio Lower Upper

43 100

72 28.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.207 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019235.D

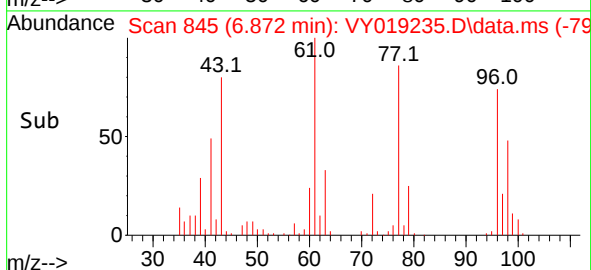
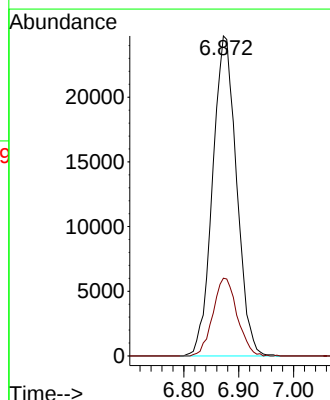
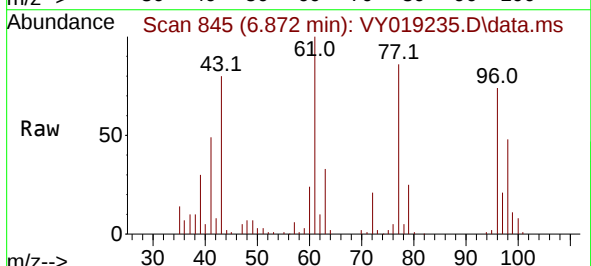
Acq: 22 Aug 2024 21:10

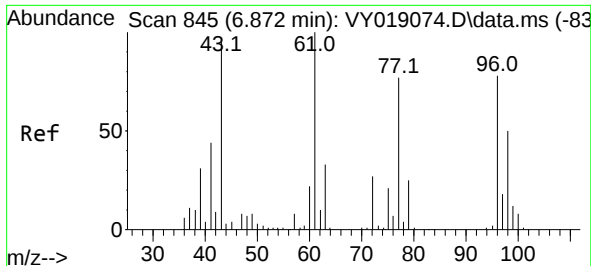
Tgt Ion: 77 Resp: 75214

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.512 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

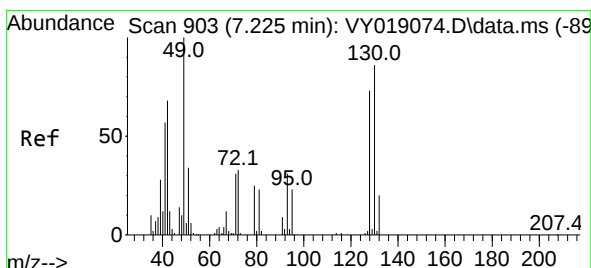
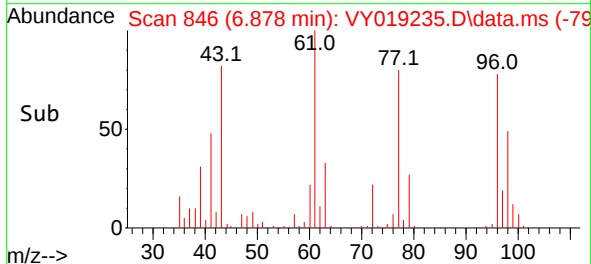
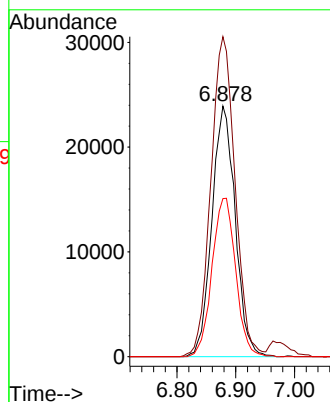
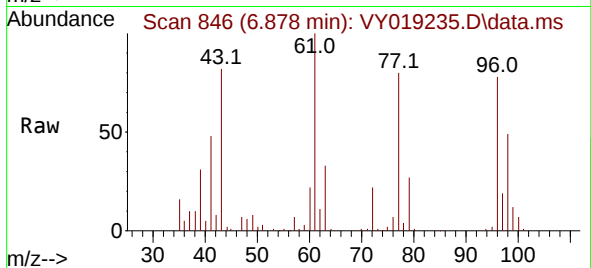
Tgt Ion: 96 Resp: 65999

Ion Ratio Lower Upper

96 100

61 132.6 0.0 256.2

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 54.276 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

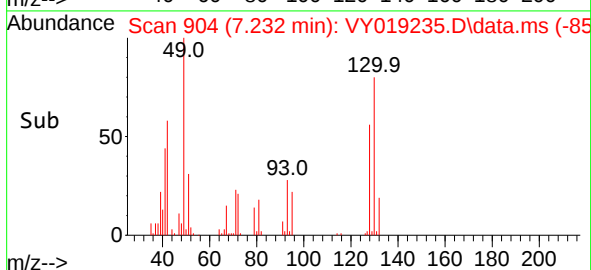
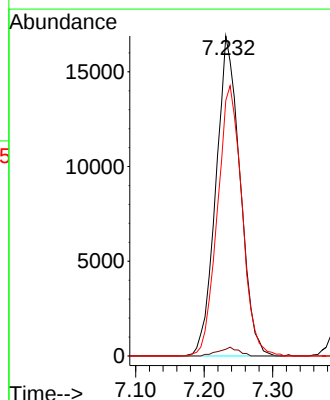
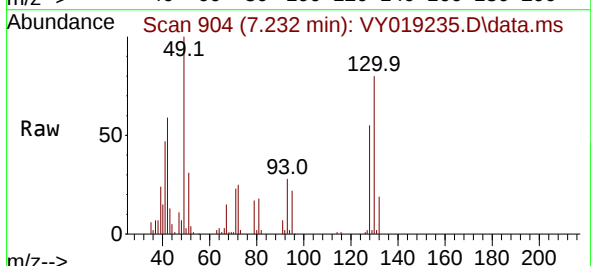
Tgt Ion: 49 Resp: 41297

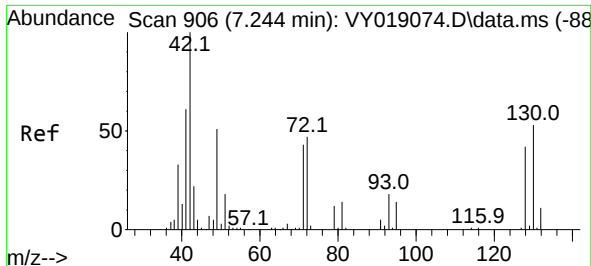
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 85.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 248.527 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

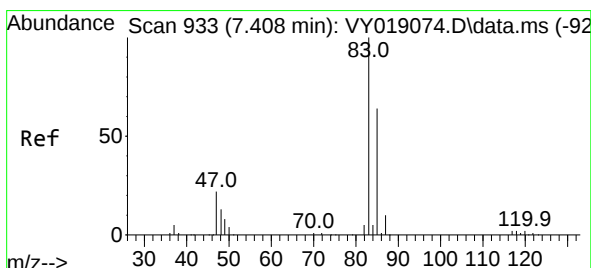
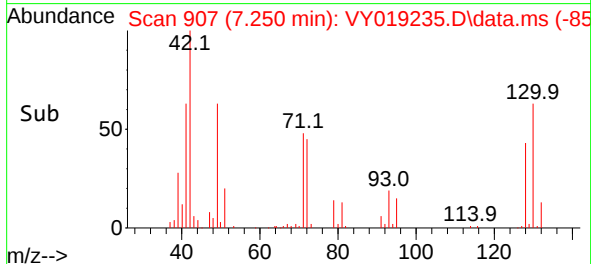
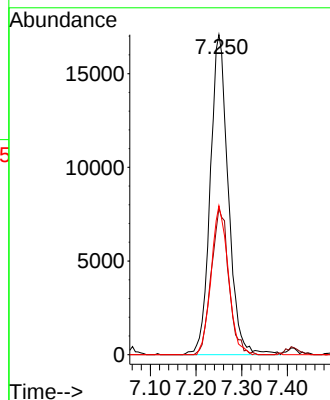
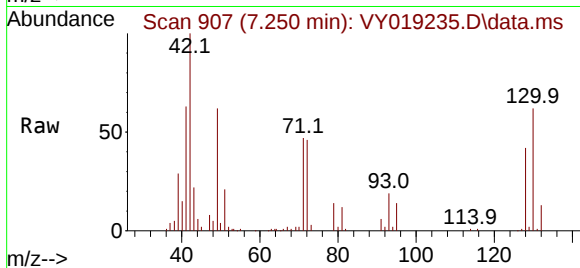
Tgt Ion: 42 Resp: 46727

Ion Ratio Lower Upper

42 100

72 44.5 43.0 64.4

71 44.4 40.8 61.2



#30

Chloroform

Concen: 53.986 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019235.D

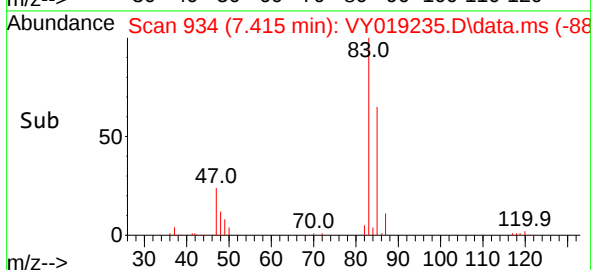
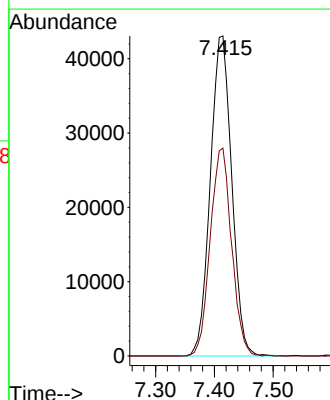
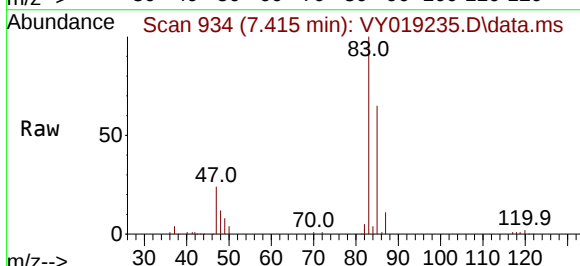
Acq: 22 Aug 2024 21:10

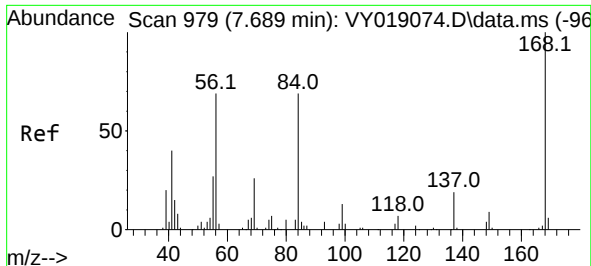
Tgt Ion: 83 Resp: 109114

Ion Ratio Lower Upper

83 100

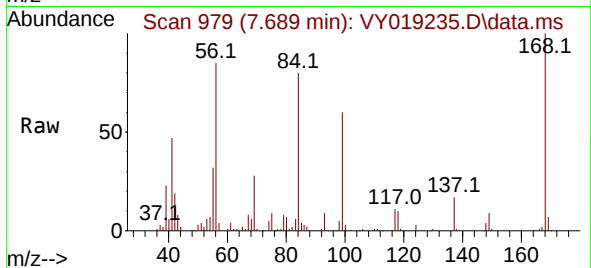
85 64.9 52.2 78.4



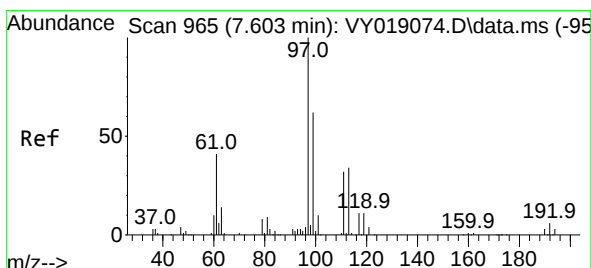
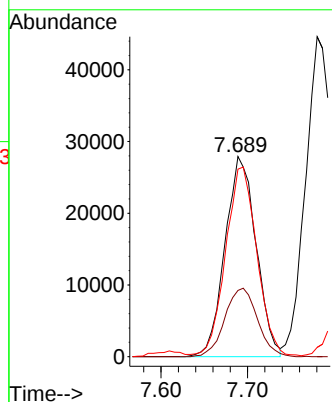
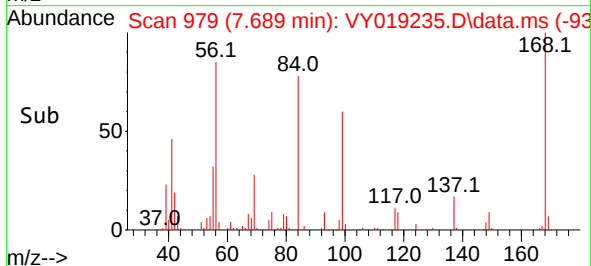


#31
Cyclohexane
Concen: 49.652 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

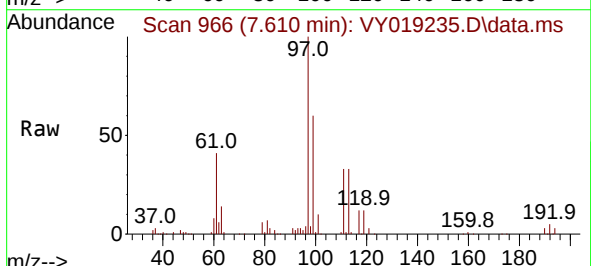
Instrument :
MSVOA_Y
ClientSampleId :



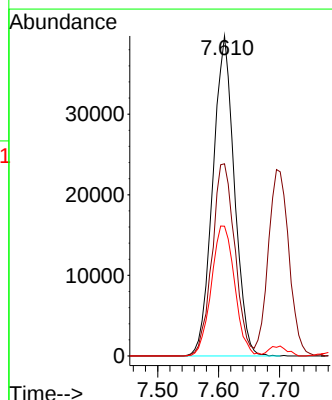
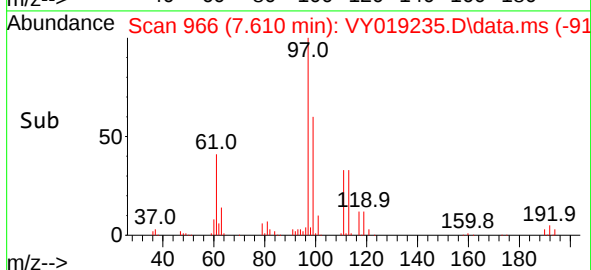
Tgt Ion: 56 Resp: 69595
Ion Ratio Lower Upper
56 100
69 33.1 28.7 43.1
84 91.5 77.7 116.5

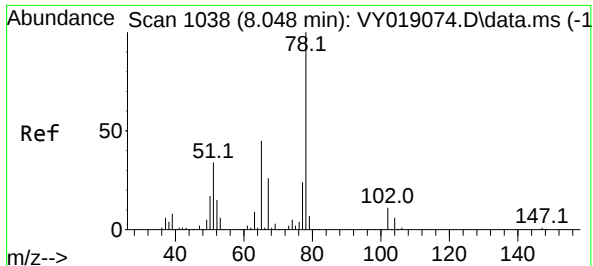


#32
1,1,1-Trichloroethane
Concen: 54.903 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10



Tgt Ion: 97 Resp: 97521
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 44.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.301 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

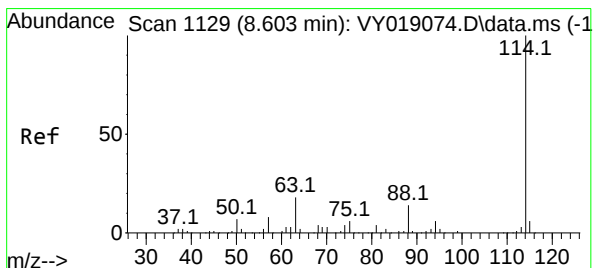
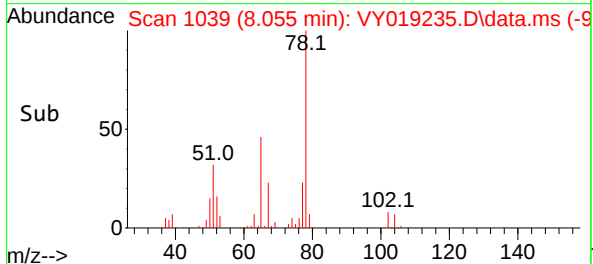
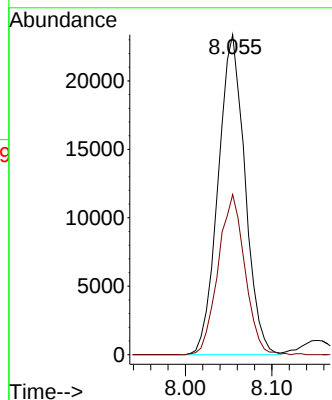
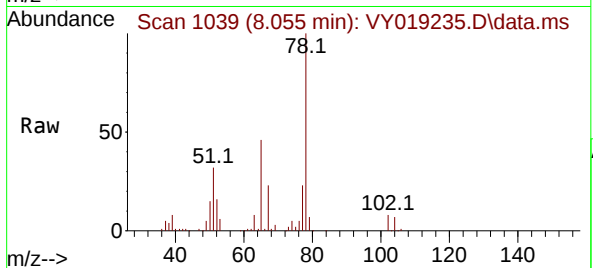
ClientSampleId :

Tgt Ion: 65 Resp: 50239

Ion Ratio Lower Upper

65 100

67 49.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

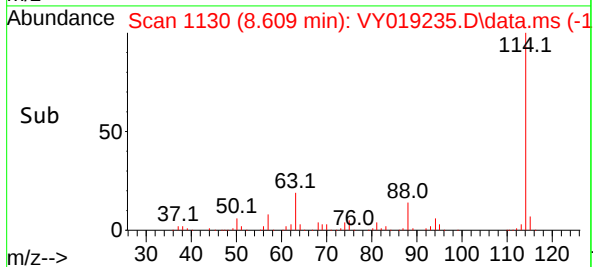
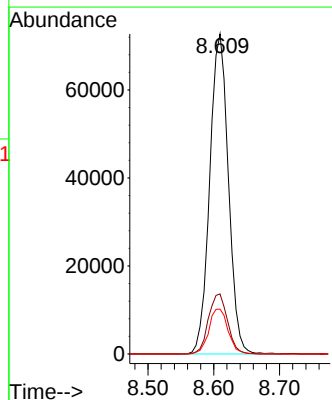
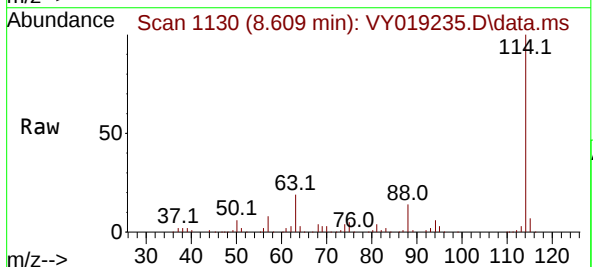
Tgt Ion: 114 Resp: 143520

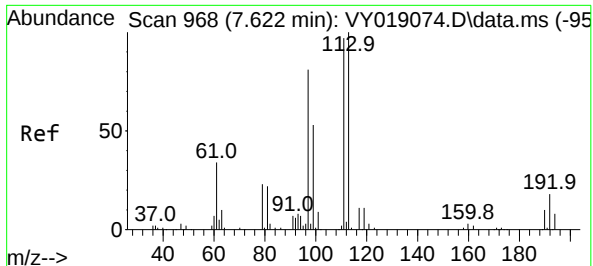
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.0 0.0 27.2

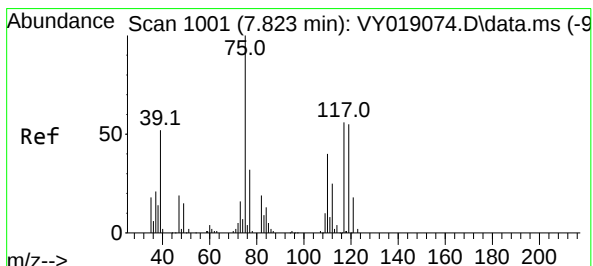
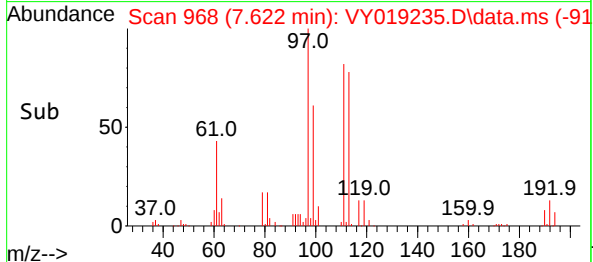
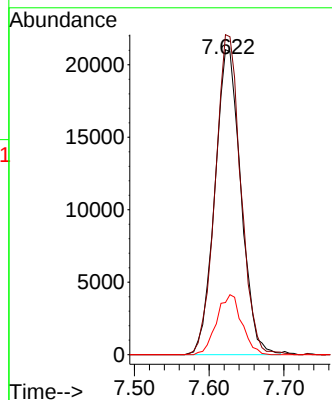
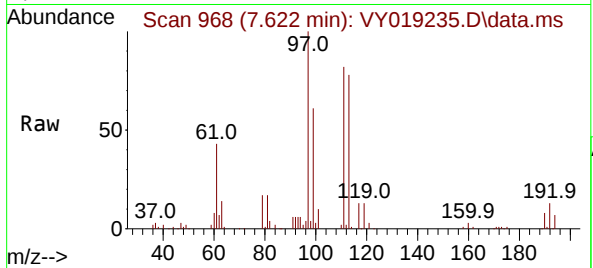




#35
Dibromofluoromethane
Concen: 54.415 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

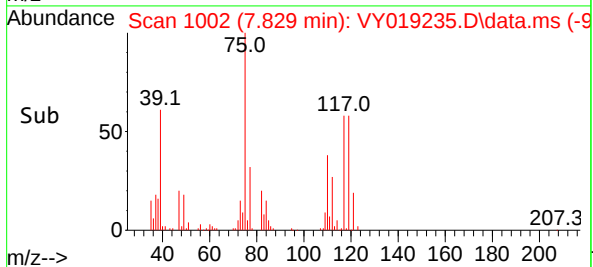
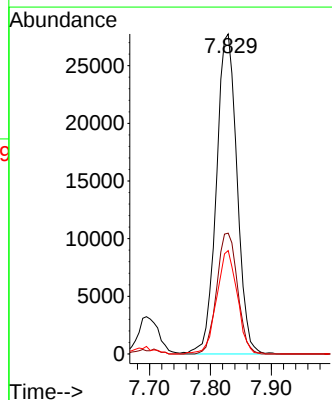
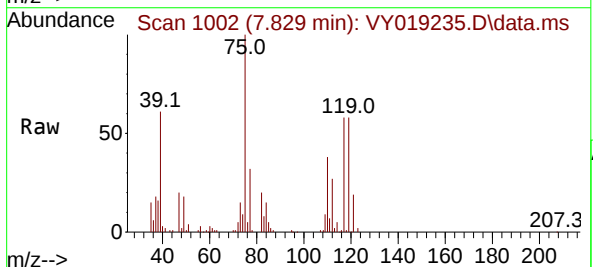
Instrument :
MSVOA_Y
ClientSampleId :

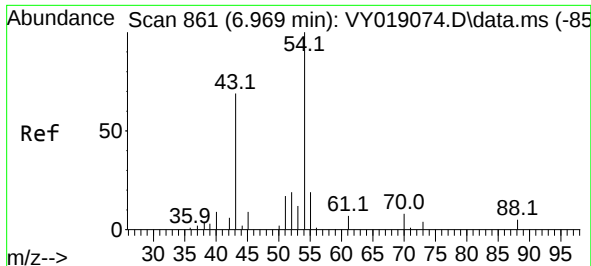
Tgt Ion:113 Resp: 51064
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.793 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

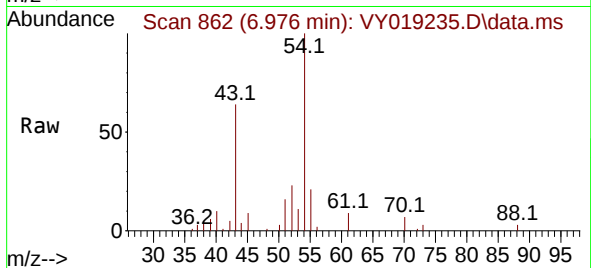
Tgt Ion: 75 Resp: 65453
Ion Ratio Lower Upper
75 100
110 38.0 19.0 57.0
77 32.2 25.3 37.9



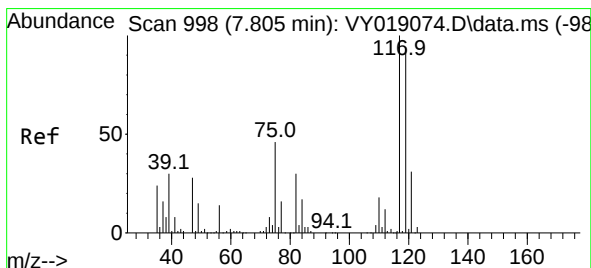
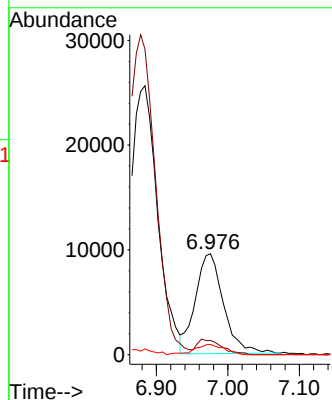
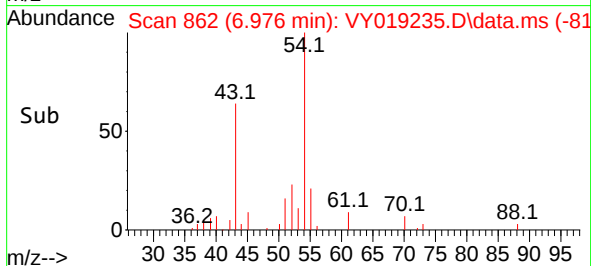


#37
Ethyl Acetate
Concen: 45.882 ug/l
RT: 6.976 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Instrument :
MSVOA_Y
ClientSampleId :

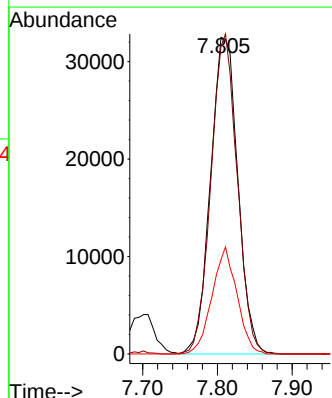
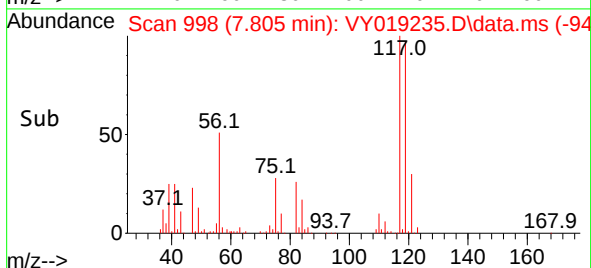
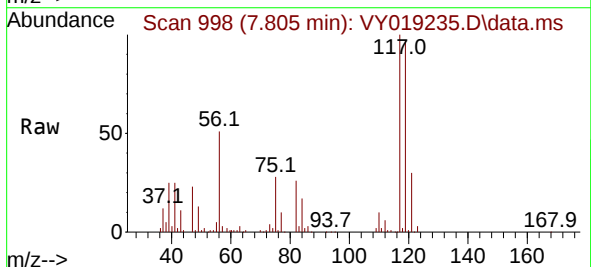


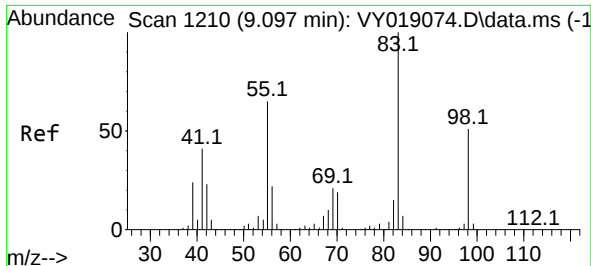
Tgt Ion: 43 Resp: 26195
Ion Ratio Lower Upper
43 100
61 13.2 12.6 19.0
70 10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 55.297 ug/l
RT: 7.805 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 117 Resp: 82579
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.6
121 29.8 24.0 36.0





#39

Methylcyclohexane

Concen: 38.686 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

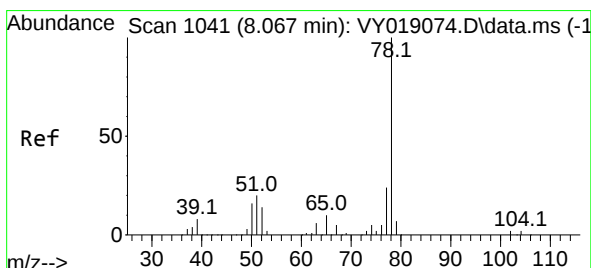
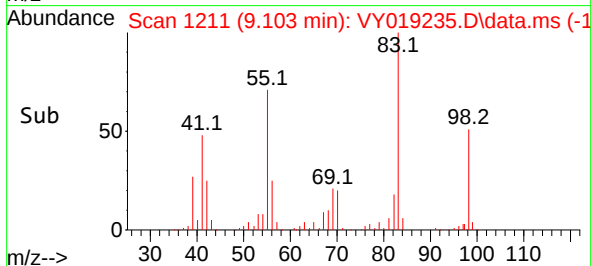
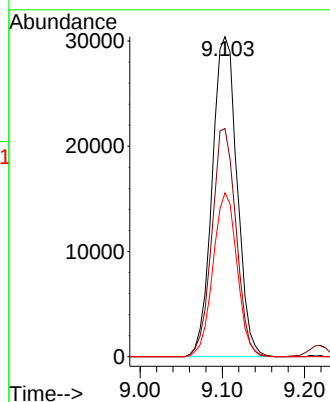
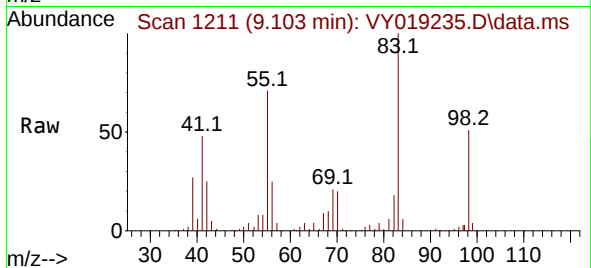
Tgt Ion: 83 Resp: 63973

Ion Ratio Lower Upper

83 100

55 71.3 51.5 77.3

98 51.2 40.5 60.7



#40

Benzene

Concen: 55.177 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019235.D

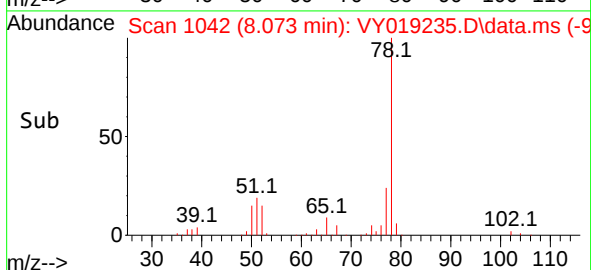
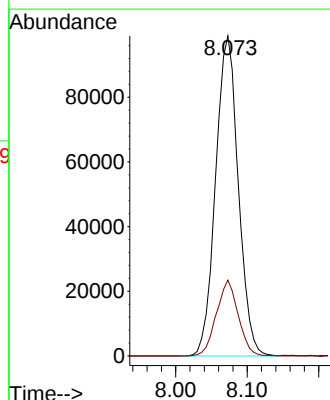
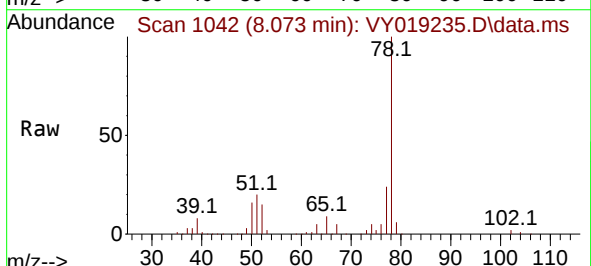
Acq: 22 Aug 2024 21:10

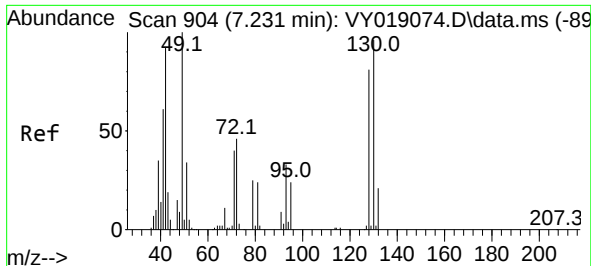
Tgt Ion: 78 Resp: 218067

Ion Ratio Lower Upper

78 100

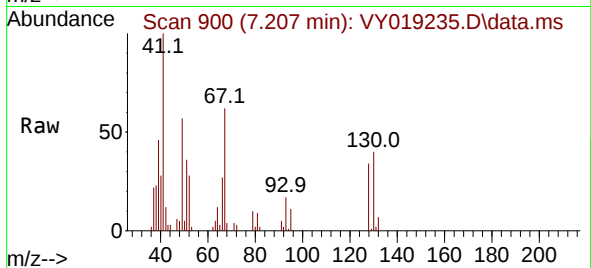
77 23.7 19.5 29.3



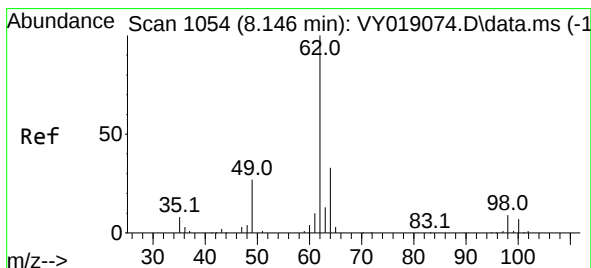
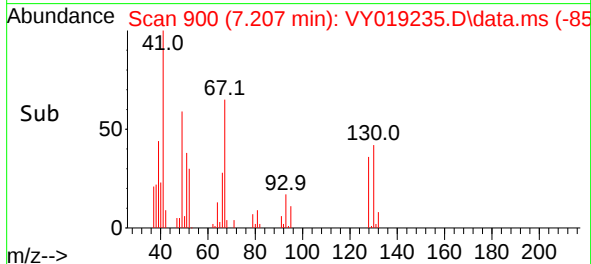
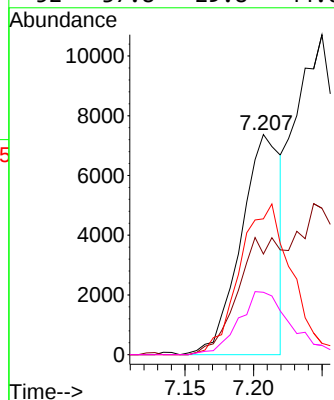


#41
Methacrylonitrile
Concen: 47.639 ug/l
RT: 7.207 min Scan# 90
Delta R.T. -0.024 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Instrument :
MSVOA_Y
ClientSampleId :

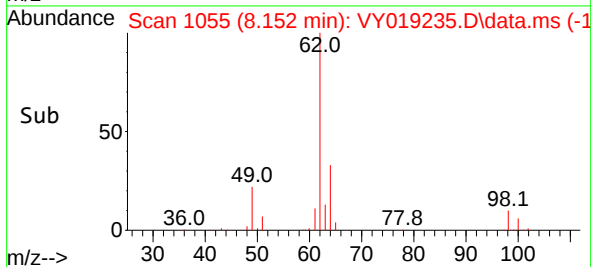
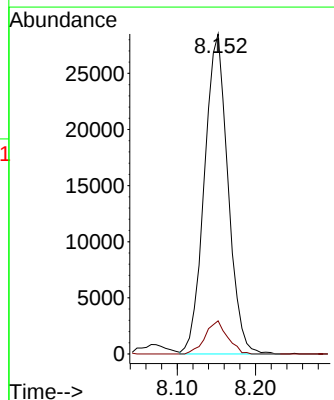
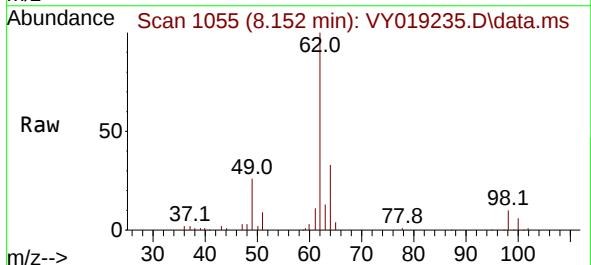


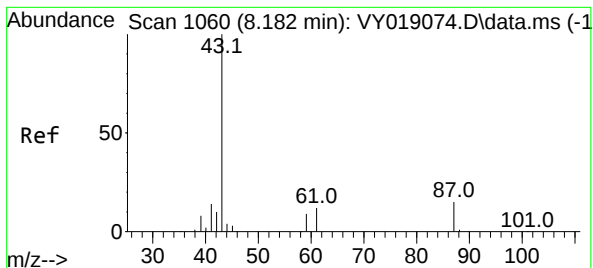
Tgt Ion: 41 Resp: 14845
Ion Ratio Lower Upper
41 100
39 65.0 48.0 72.0
67 89.3 75.1 112.7
52 37.8 29.8 44.6



#42
1,2-Dichloroethane
Concen: 55.850 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 62 Resp: 59605
Ion Ratio Lower Upper
62 100
98 9.7 0.0 22.0





#43

Isopropyl Acetate

Concen: 47.280 ug/l

RT: 8.189 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

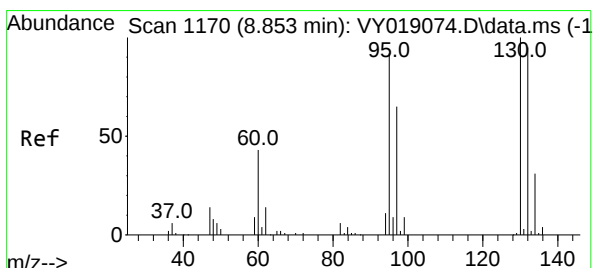
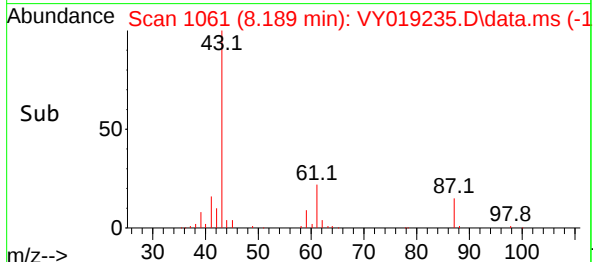
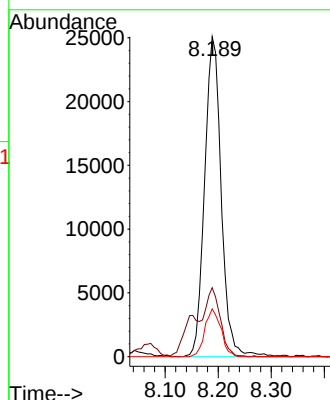
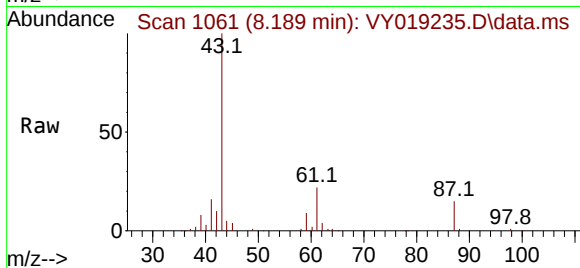
Tgt Ion: 43 Resp: 54591

Ion Ratio Lower Upper

43 100

61 20.2 27.9 41.9#

87 14.4 13.1 19.7



#44

Trichloroethene

Concen: 45.920 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019235.D

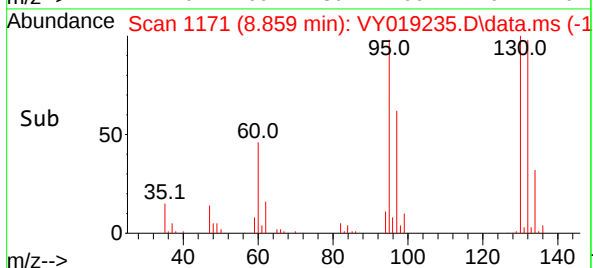
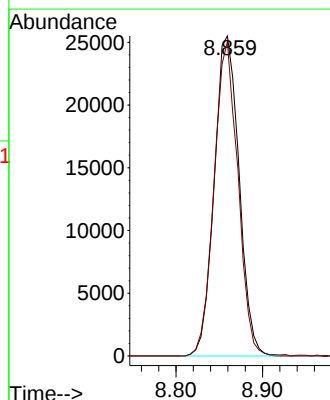
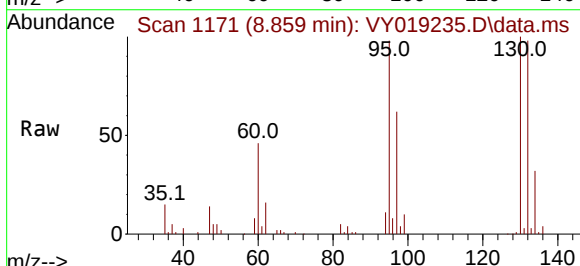
Acq: 22 Aug 2024 21:10

Tgt Ion:130 Resp: 50639

Ion Ratio Lower Upper

130 100

95 98.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 56.062 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

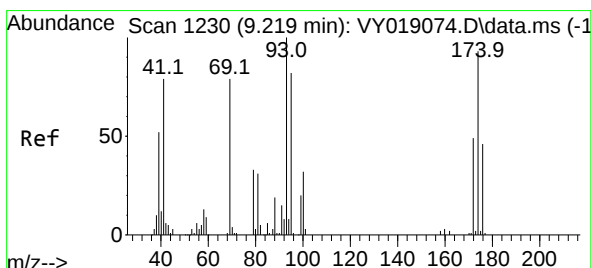
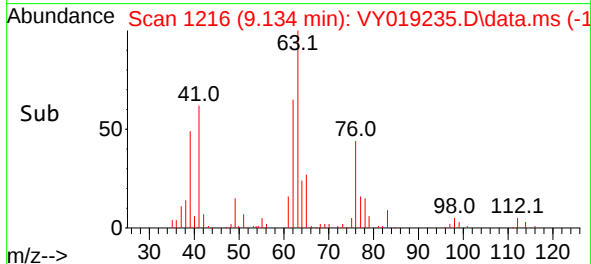
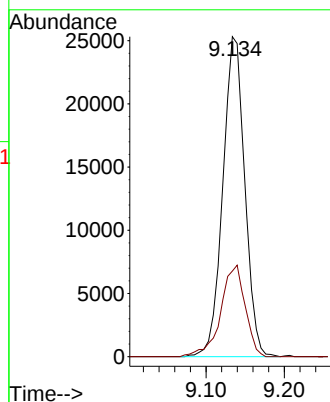
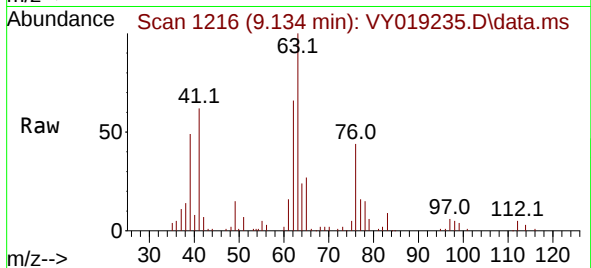
ClientSampleId :

Tgt Ion: 63 Resp: 49365

Ion Ratio Lower Upper

63 100

65 26.7 25.4 38.2



#46

Dibromomethane

Concen: 48.514 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

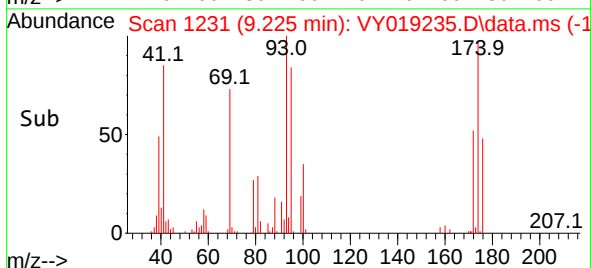
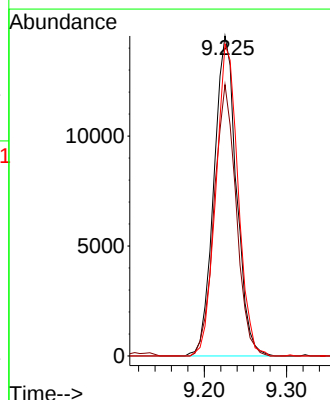
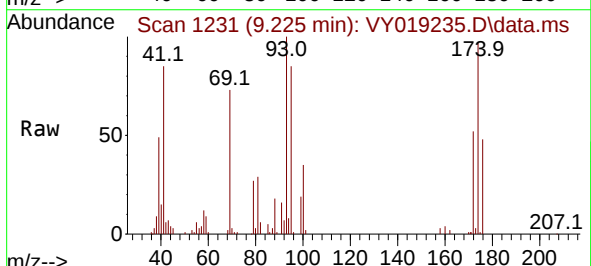
Tgt Ion: 93 Resp: 27707

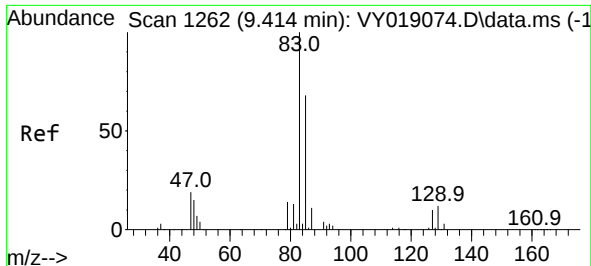
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 96.0 80.9 121.3

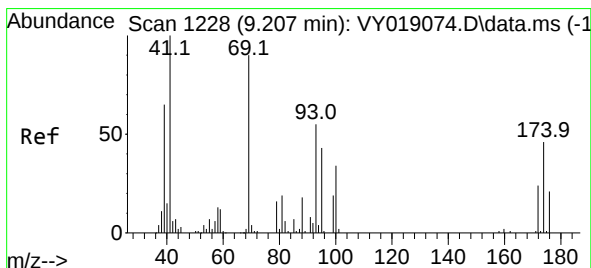
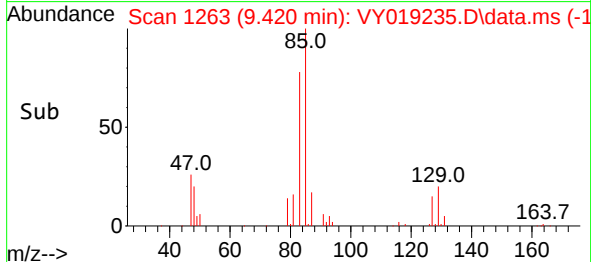
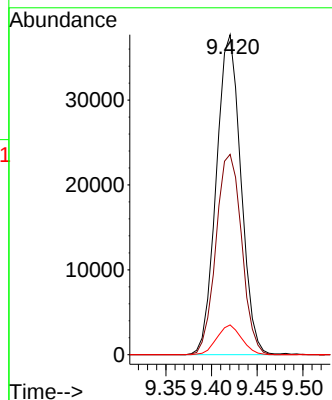
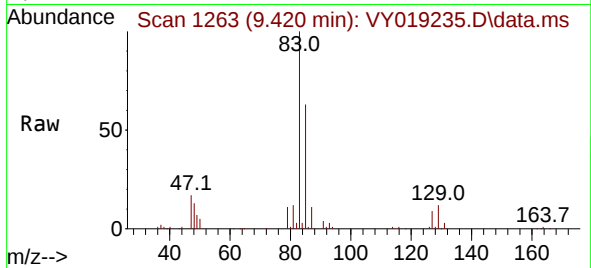




#47
Bromodichloromethane
Concen: 50.374 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

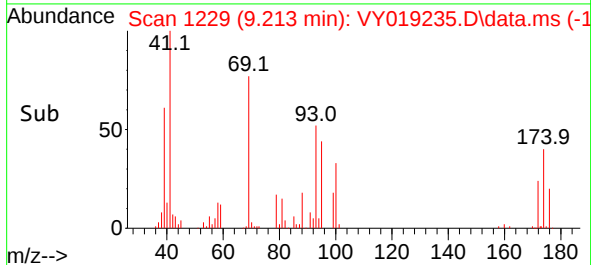
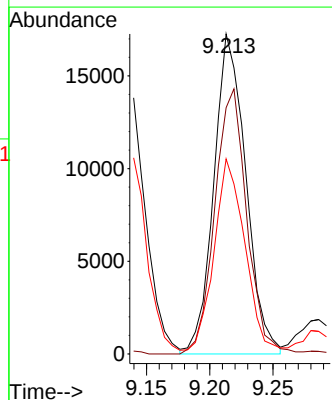
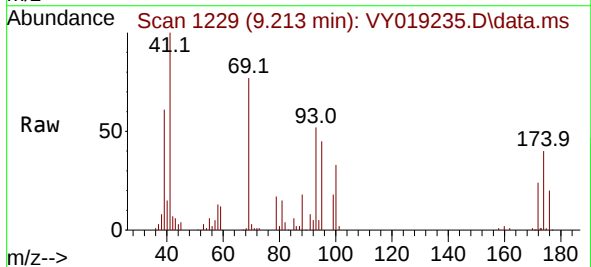
Instrument :
MSVOA_Y
ClientSampleId :

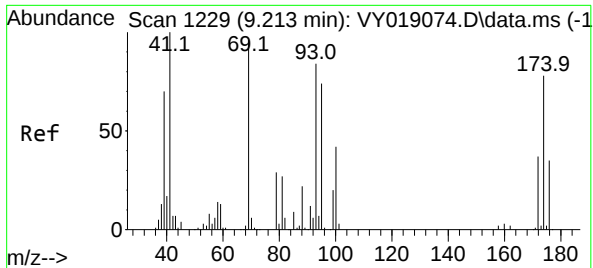
Tgt Ion: 83 Resp: 70583
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 58.967 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 41 Resp: 30343
Ion Ratio Lower Upper
41 100
69 82.8 84.1 126.1#
39 59.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1017.158 ug/l

RT: 9.219 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

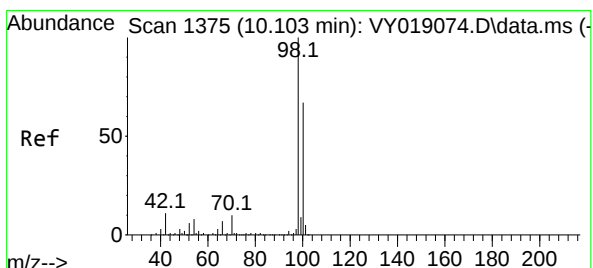
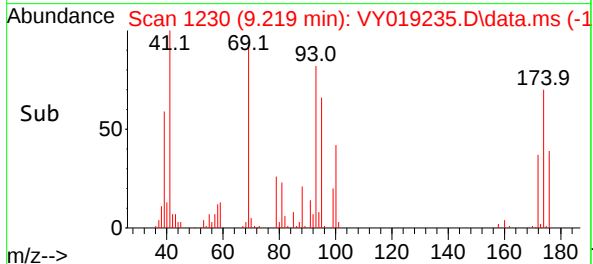
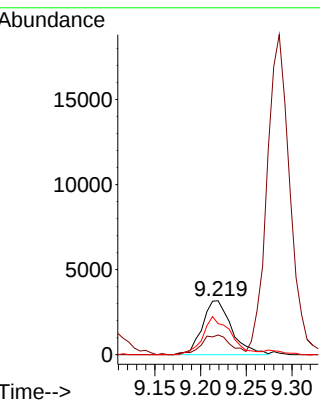
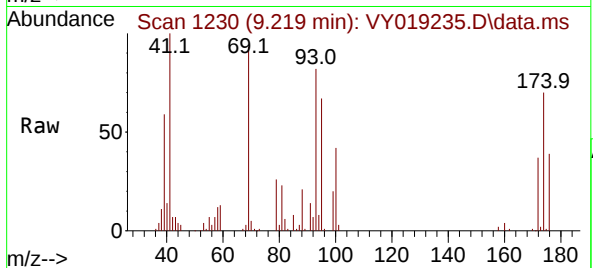
Tgt Ion: 88 Resp: 7037

Ion Ratio Lower Upper

88 100

43 37.2 0.0 0.0#

58 67.3 49.3 73.9



#50

Toluene-d8

Concen: 43.923 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019235.D

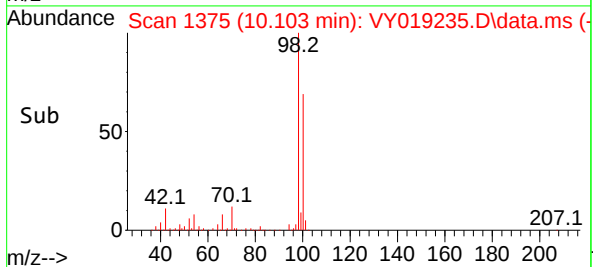
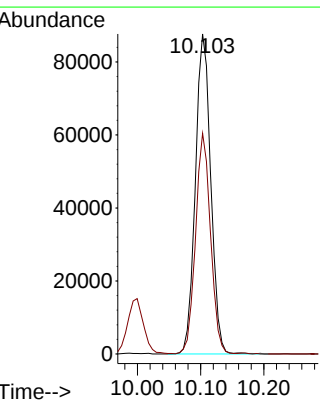
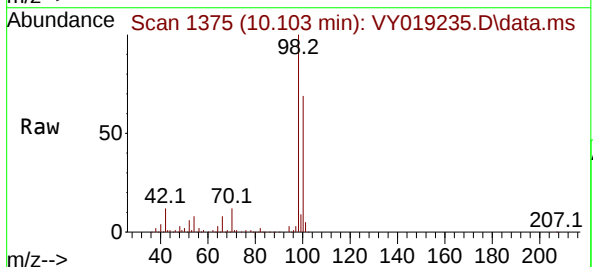
Acq: 22 Aug 2024 21:10

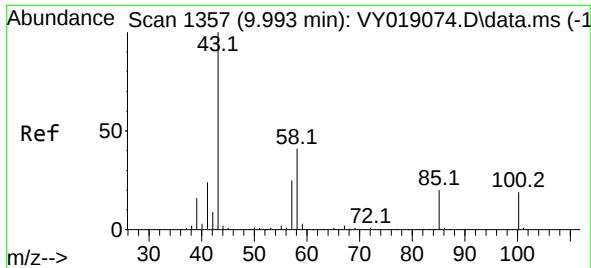
Tgt Ion: 98 Resp: 148330

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0

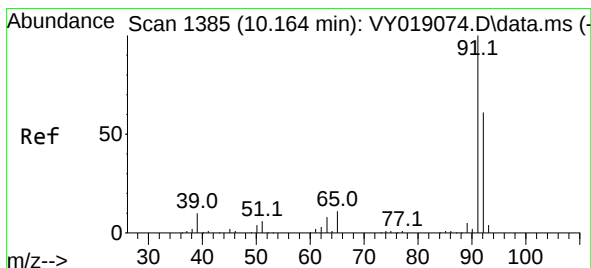
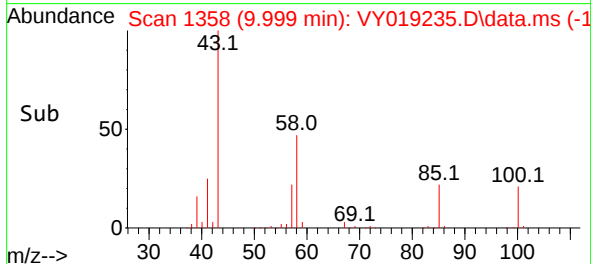
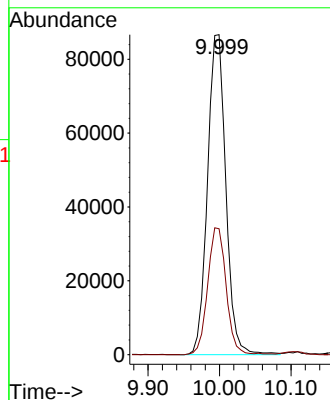
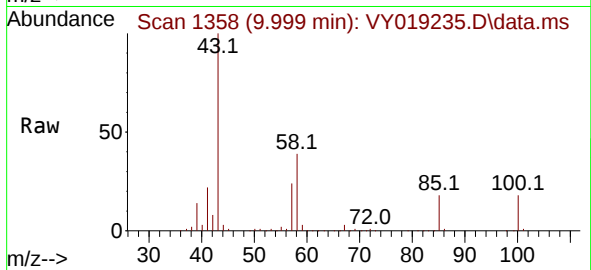




#51
4-Methyl-2-Pentanone
Concen: 252.200 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

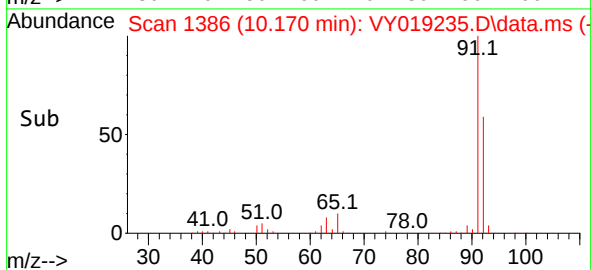
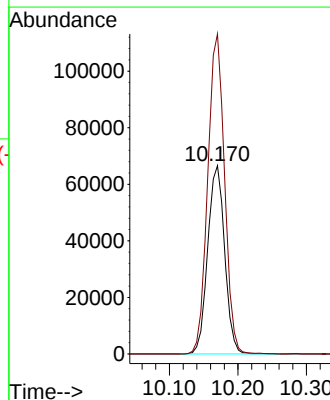
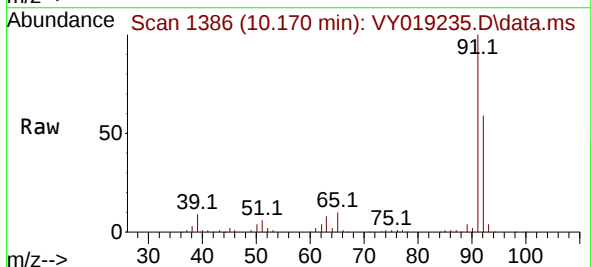
Instrument :
MSVOA_Y
ClientSampleId :

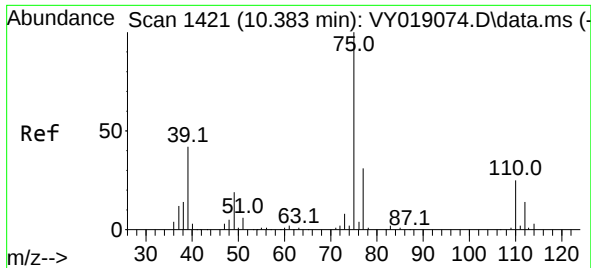
Tgt Ion: 43 Resp: 154555
Ion Ratio Lower Upper
43 100
58 40.1 35.7 53.5



#52
Toluene
Concen: 44.086 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 92 Resp: 114371
Ion Ratio Lower Upper
92 100
91 169.1 139.0 208.6

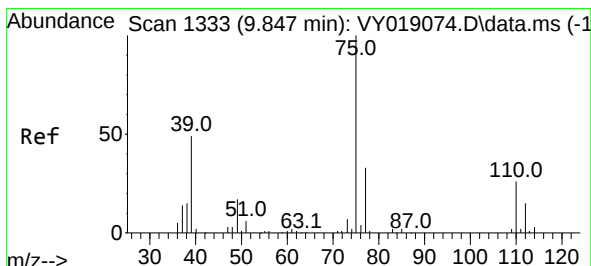
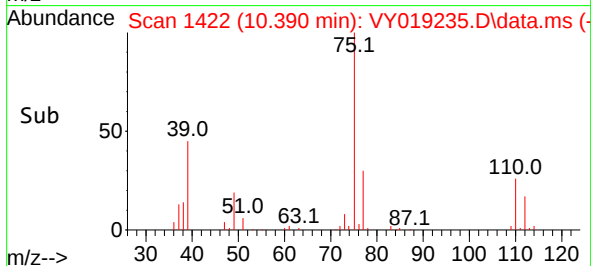
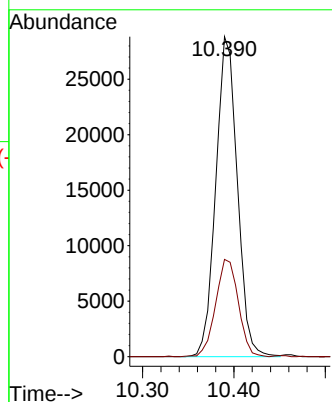
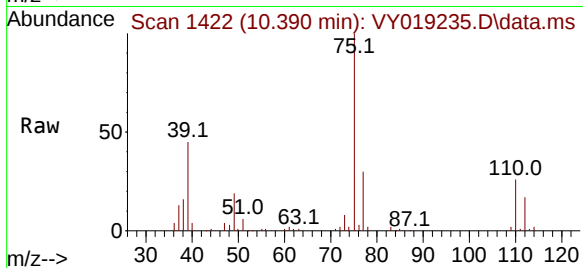




#53
 t-1,3-Dichloropropene
 Concen: 40.592 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019235.D
 Acq: 22 Aug 2024 21:10

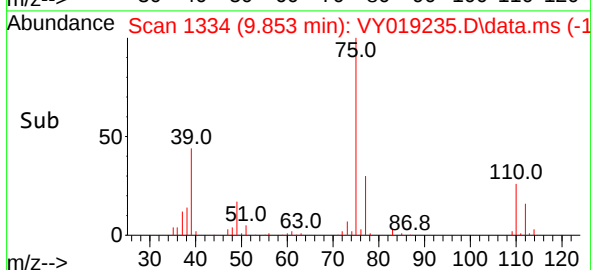
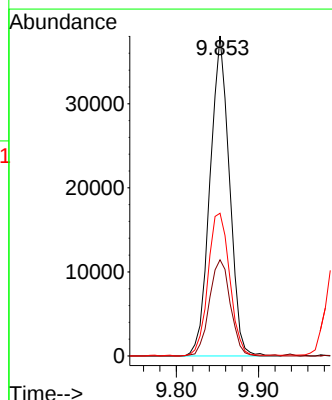
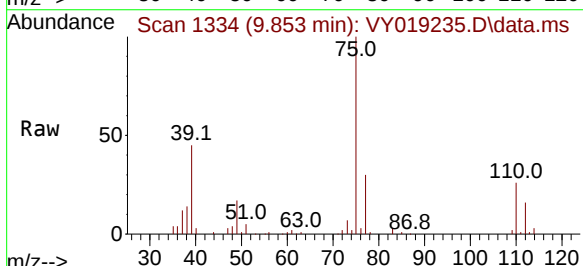
Instrument :
 MSVOA_Y
 ClientSampleId :

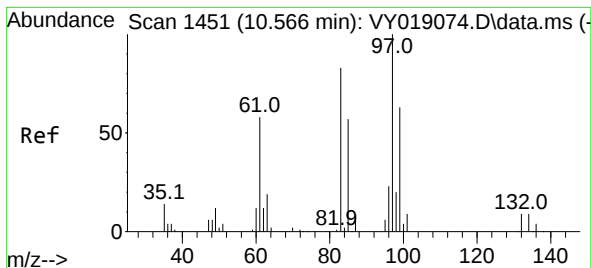
Tgt Ion: 75 Resp: 47181
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 44.690 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019235.D
 Acq: 22 Aug 2024 21:10

Tgt Ion: 75 Resp: 62470
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0
 39 44.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 46.706 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 34339

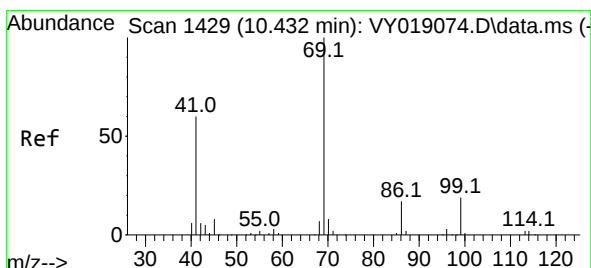
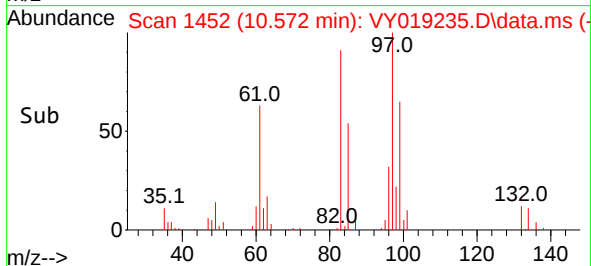
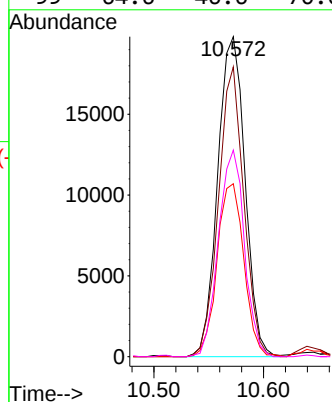
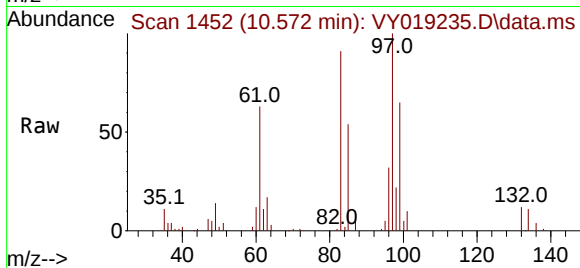
Ion Ratio Lower Upper

97 100

83 90.5 67.5 101.3

85 54.1 42.9 64.3

99 64.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 32.226 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

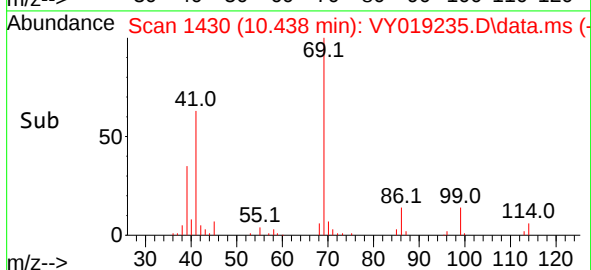
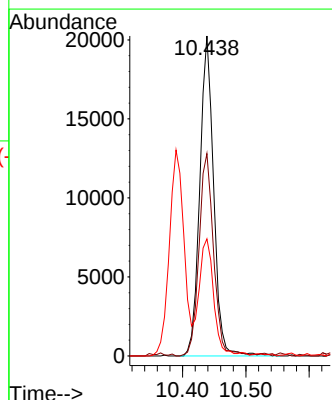
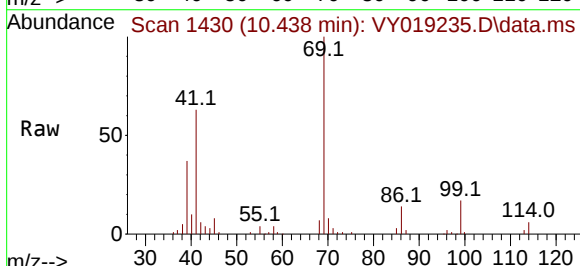
Tgt Ion: 69 Resp: 31012

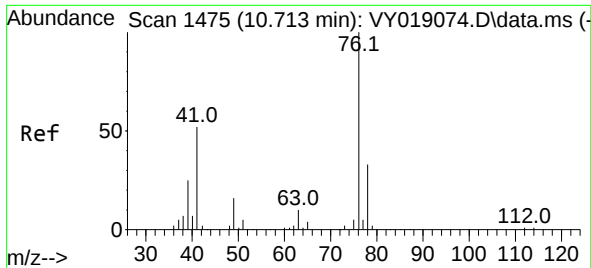
Ion Ratio Lower Upper

69 100

41 66.4 42.3 63.5#

39 37.0 22.9 34.3#

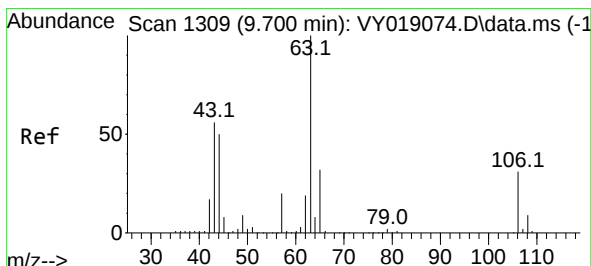
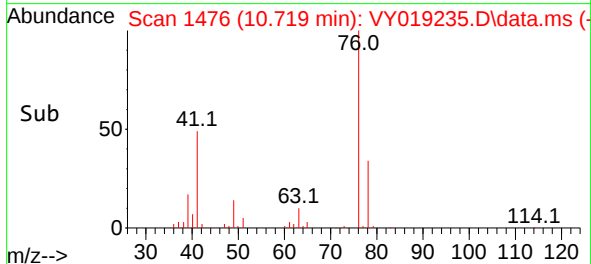
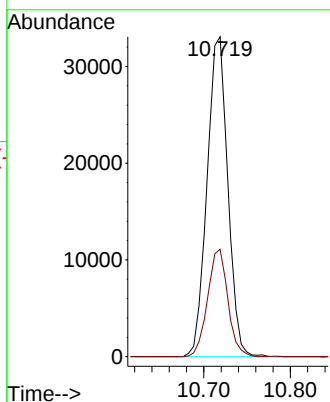
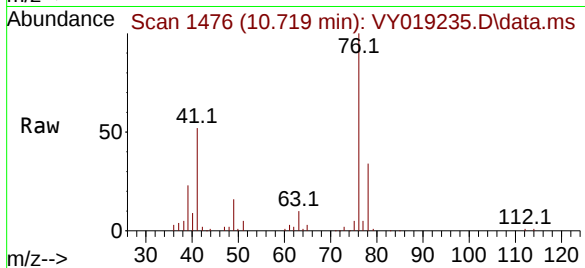




#57
1,3-Dichloropropane
Concen: 45.924 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

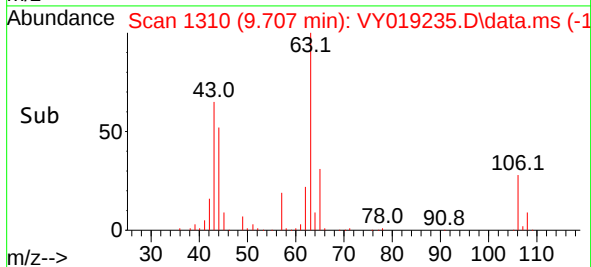
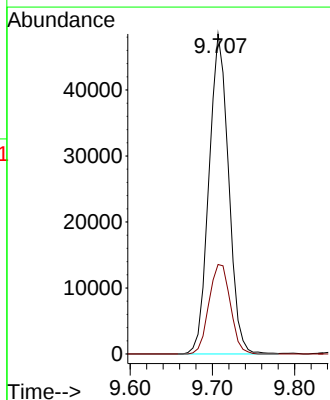
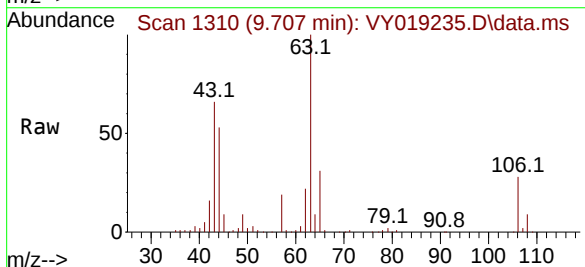
Instrument :
MSVOA_Y
ClientSampleId :

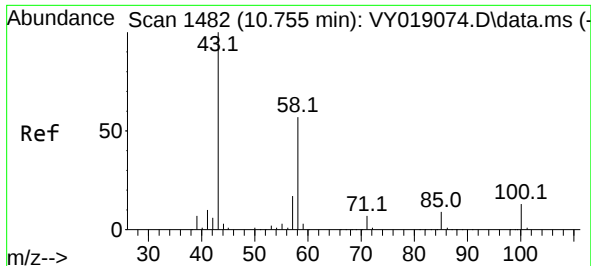
Tgt Ion: 76 Resp: 55041
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 176.124 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 63 Resp: 80406
Ion Ratio Lower Upper
63 100
106 30.4 23.7 35.5

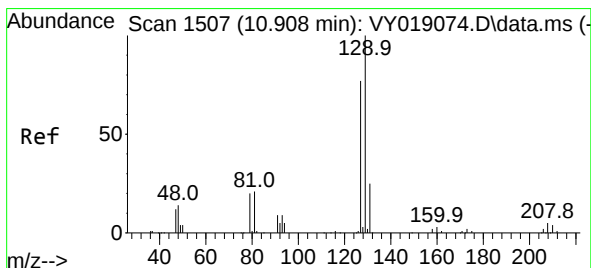
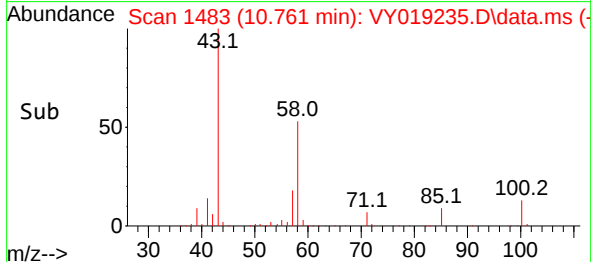
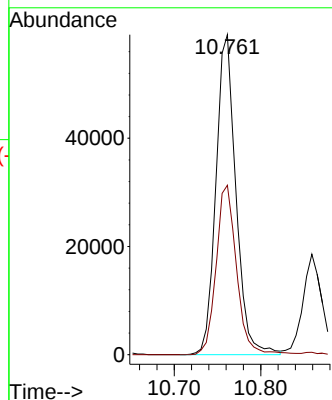
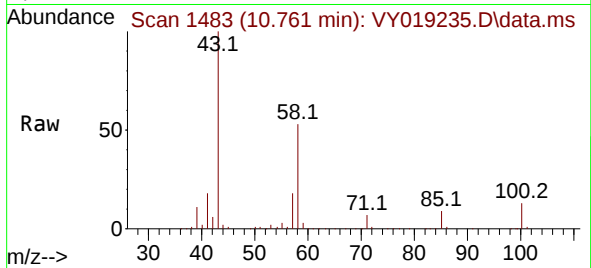




#59
2-Hexanone
Concen: 225.047 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

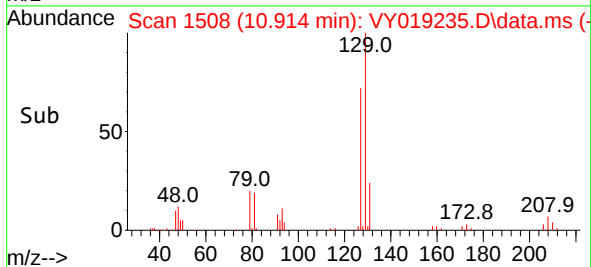
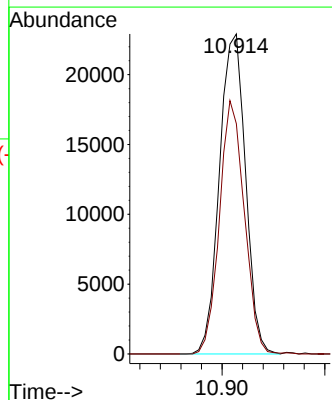
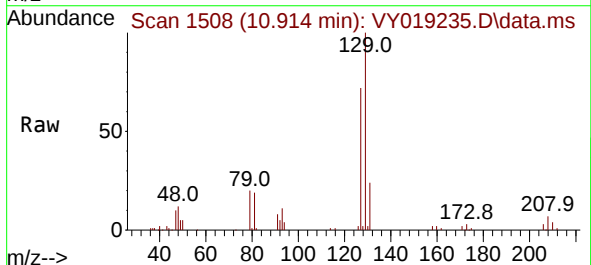
Instrument :
MSVOA_Y
ClientSampleId :

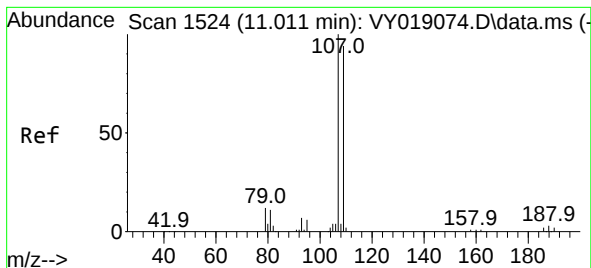
Tgt Ion: 43 Resp: 94750
Ion Ratio Lower Upper
43 100
58 54.2 31.4 94.0



#60
Dibromochloromethane
Concen: 40.284 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 129 Resp: 40340
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0

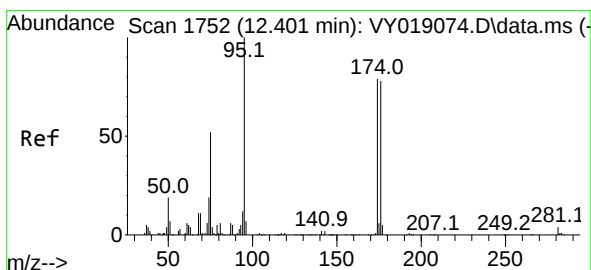
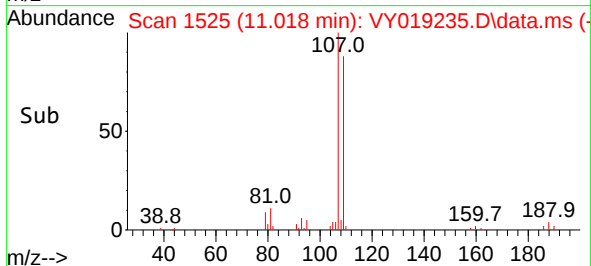
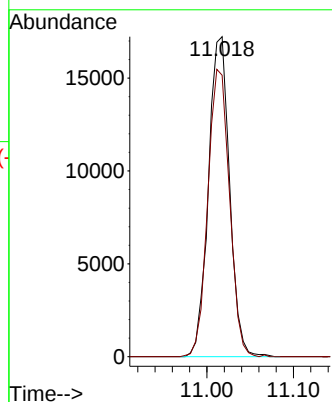
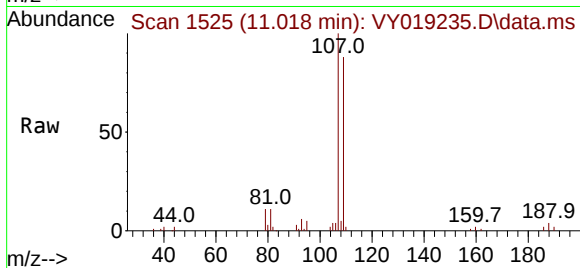




#61
1,2-Dibromoethane
Concen: 41.095 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

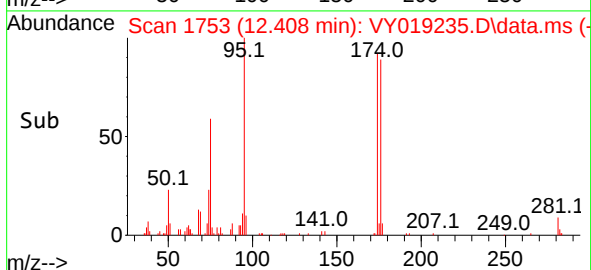
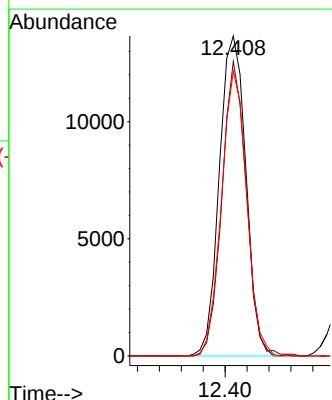
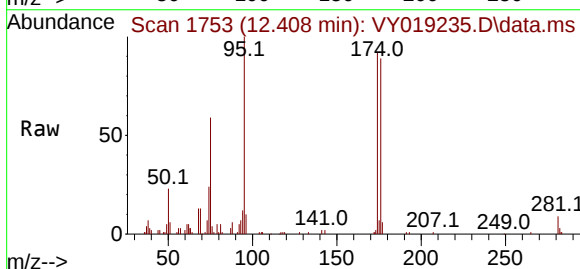
Instrument :
MSVOA_Y
ClientSampleId :

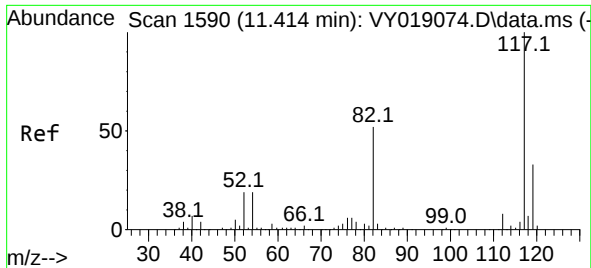
Tgt Ion:107 Resp: 29203
Ion Ratio Lower Upper
107 100
109 92.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 19.866 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 95 Resp: 22870
Ion Ratio Lower Upper
95 100
174 84.8 0.0 175.6
176 84.7 0.0 171.4

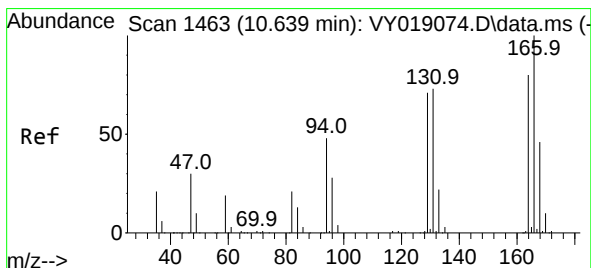
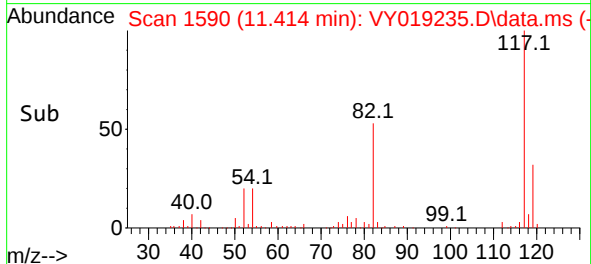
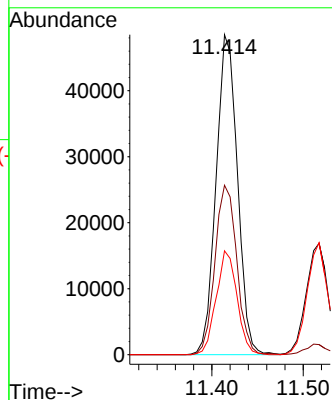
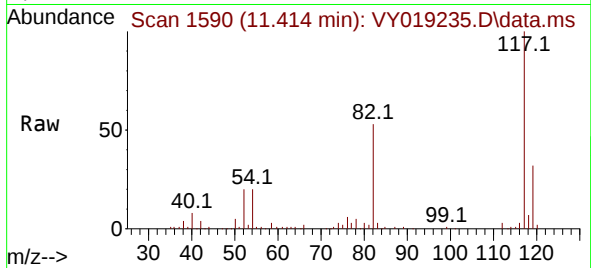




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

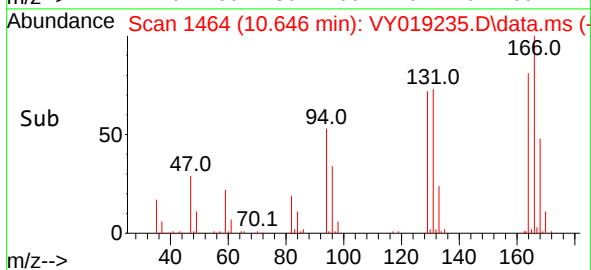
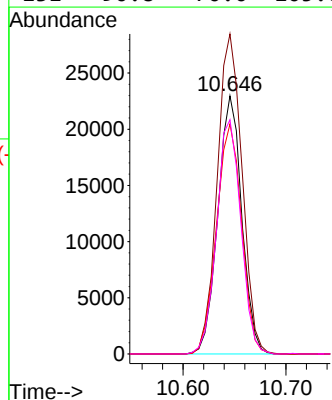
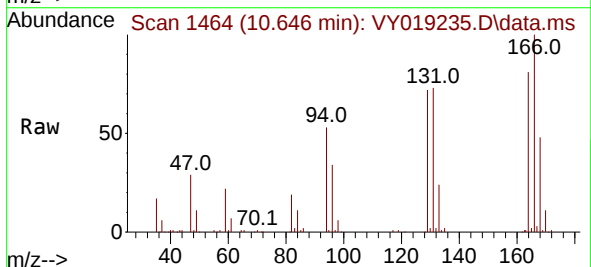
Instrument :
MSVOA_Y
ClientSampleId :

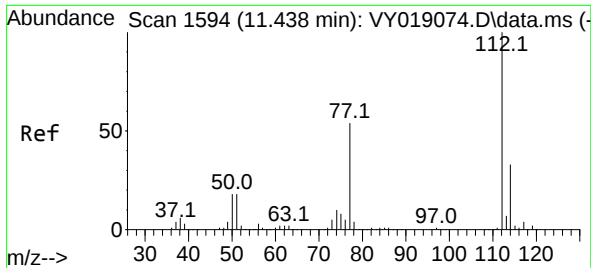
Tgt Ion:117 Resp: 78920
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 53.701 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion:164 Resp: 37044
Ion Ratio Lower Upper
164 100
166 124.0 102.6 154.0
129 89.1 72.0 108.0
131 90.8 70.0 105.0

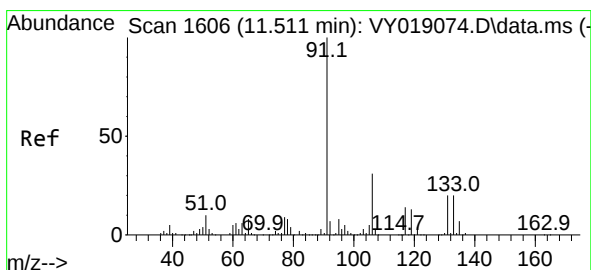
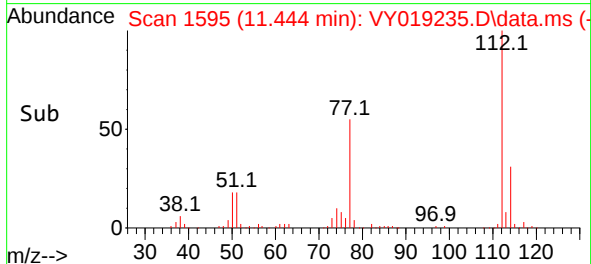
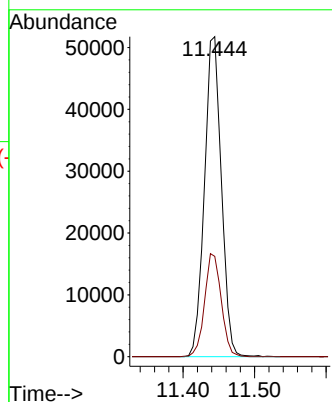
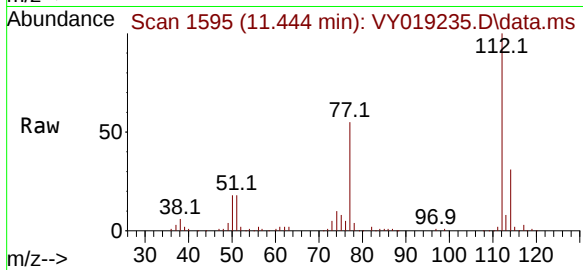




#65
Chlorobenzene
Concen: 46.762 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

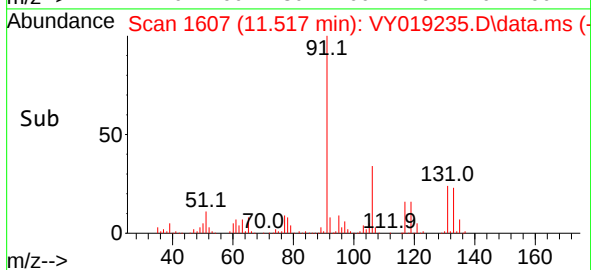
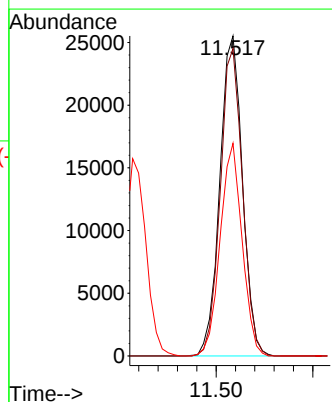
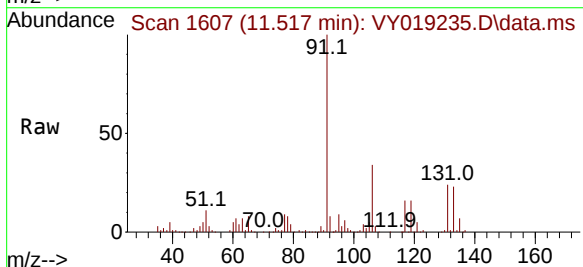
Instrument :
MSVOA_Y
ClientSampleId :

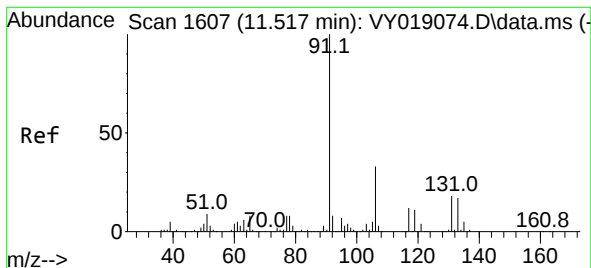
Tgt Ion:112 Resp: 84978
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 64.745 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion:131 Resp: 41376
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 64.4 34.1 102.2





#67

Ethyl Benzene

Concen: 53.926 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

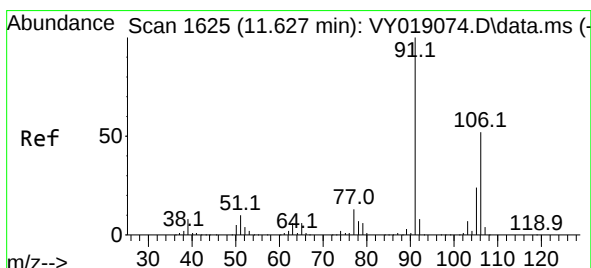
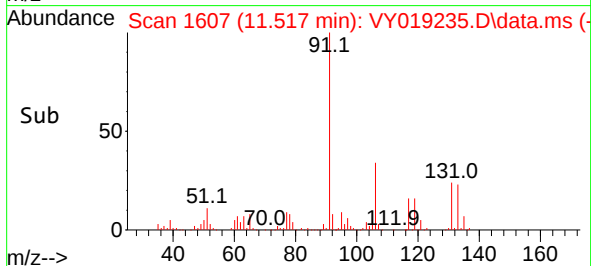
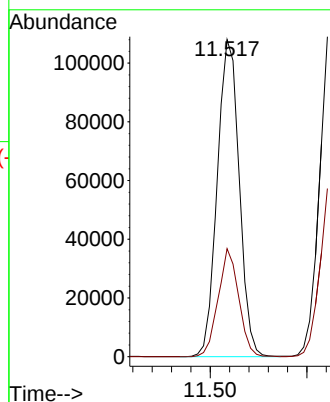
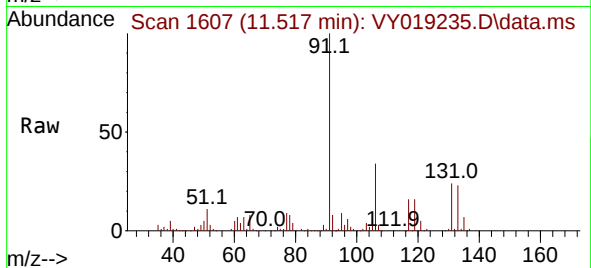
ClientSampleId :

Tgt Ion: 91 Resp: 170089

Ion Ratio Lower Upper

91 100

106 34.1 24.5 36.7



#68

m/p-Xylenes

Concen: 96.997 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019235.D

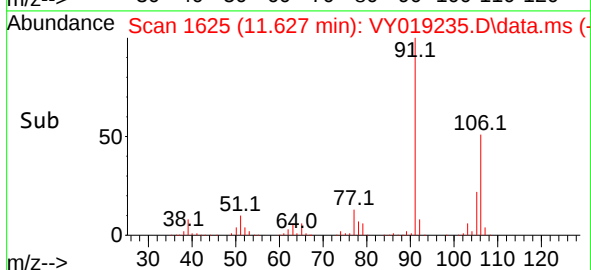
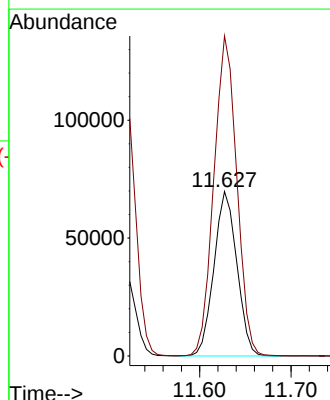
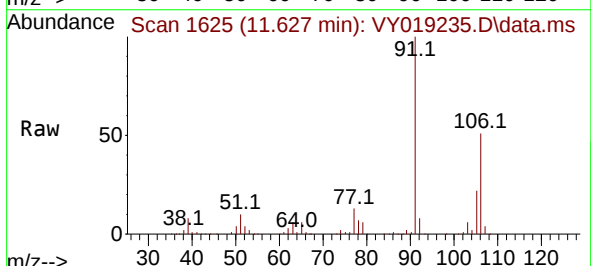
Acq: 22 Aug 2024 21:10

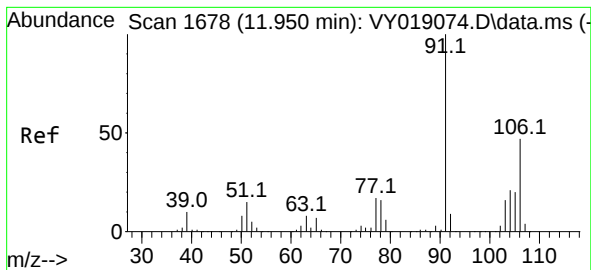
Tgt Ion:106 Resp: 121394

Ion Ratio Lower Upper

106 100

91 195.0 156.0 234.0





#69

o-Xylene

Concen: 48.605 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

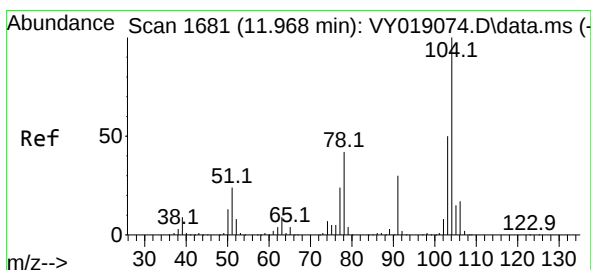
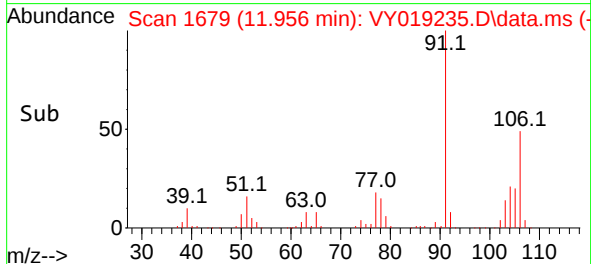
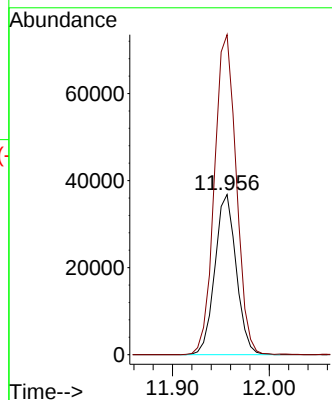
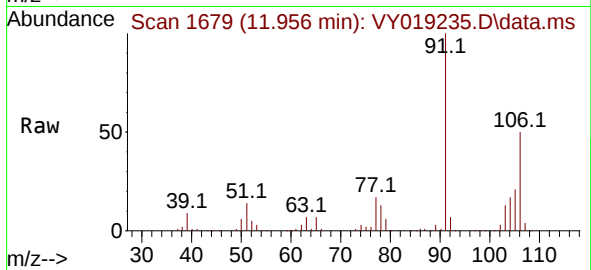
ClientSampleId :

Tgt Ion:106 Resp: 56332

Ion Ratio Lower Upper

106 100

91 204.8 103.6 310.8



#70

Styrene

Concen: 23.967 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

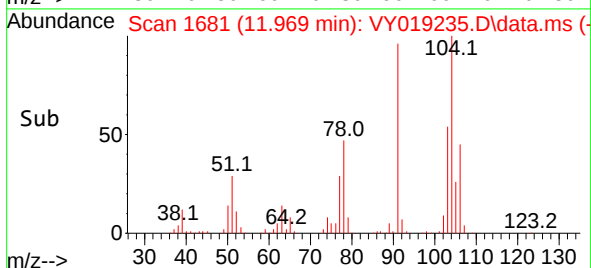
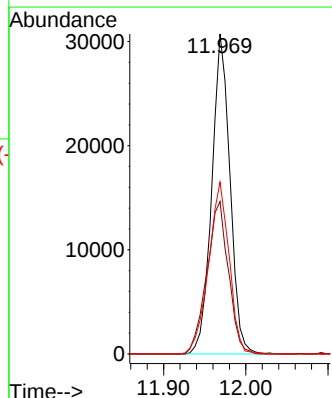
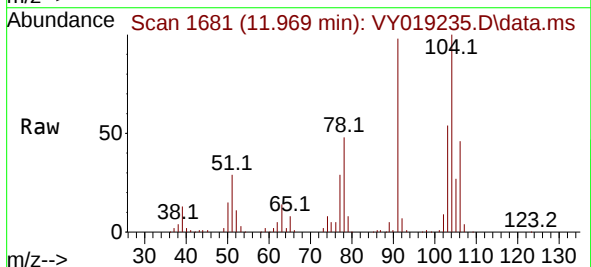
Tgt Ion:104 Resp: 47367

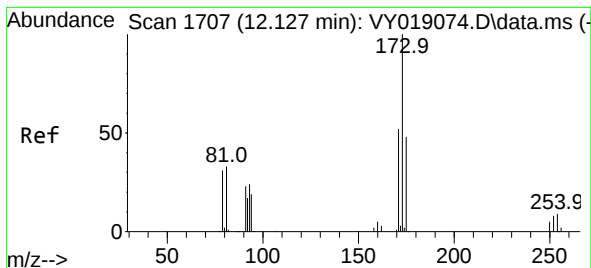
Ion Ratio Lower Upper

104 100

78 56.2 37.0 55.4#

103 60.8 44.2 66.2





#71

Bromoform

Concen: 50.357 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

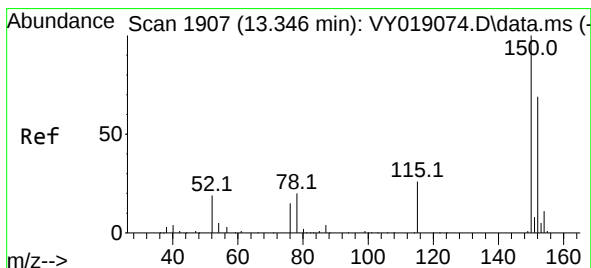
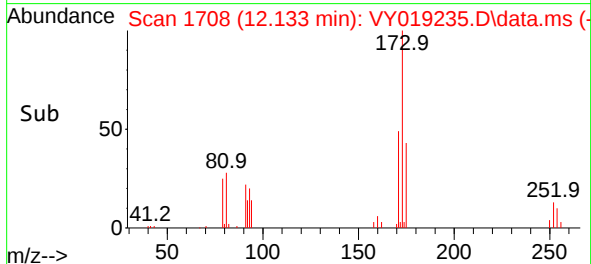
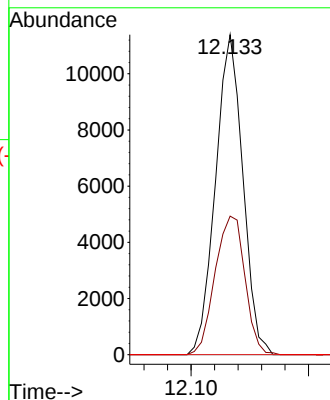
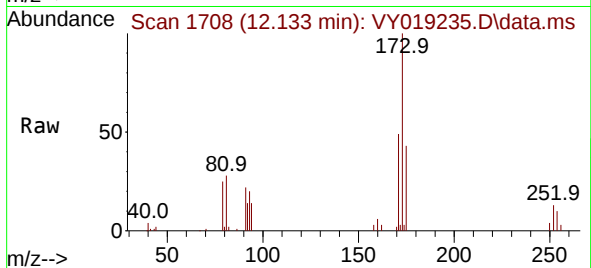
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 18396

Ion	Ratio	Lower	Upper
173	100		
175	47.3	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

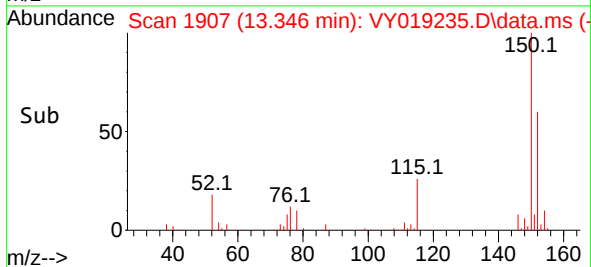
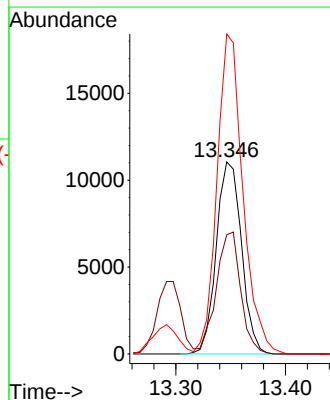
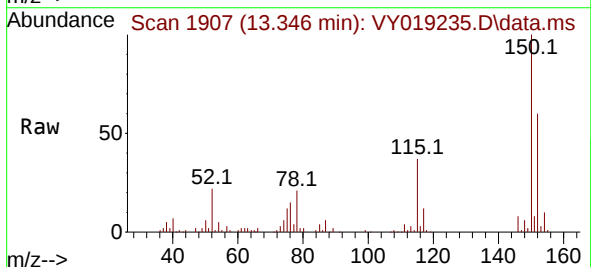
Delta R.T. 0.000 min

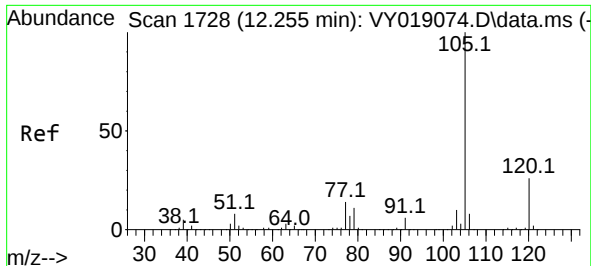
Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Tgt Ion:152 Resp: 17651

Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.2	84.7
150	171.3	0.0	345.6

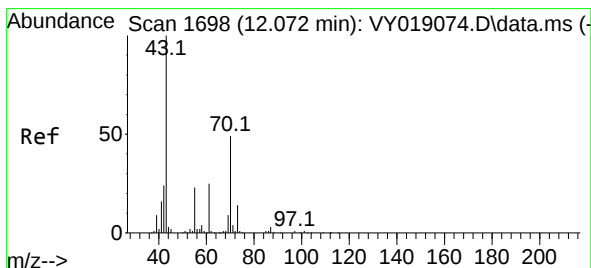
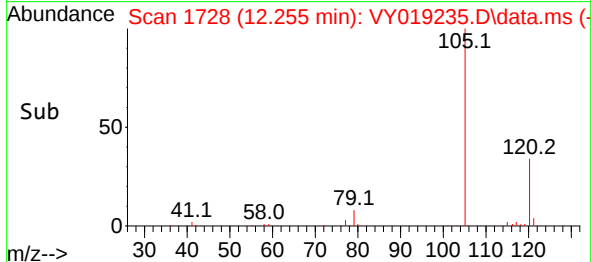
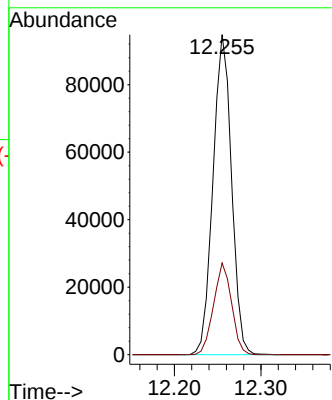
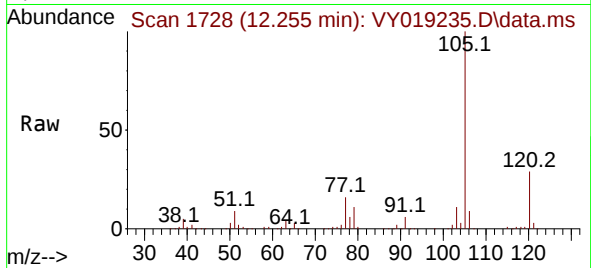




#73
Isopropylbenzene
Concen: 104.142 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

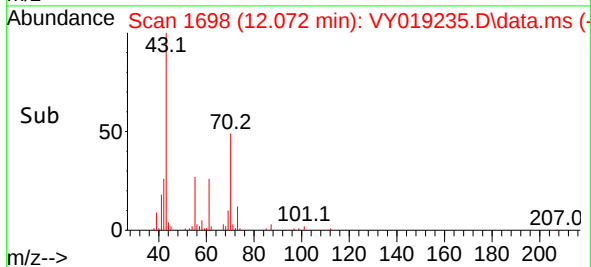
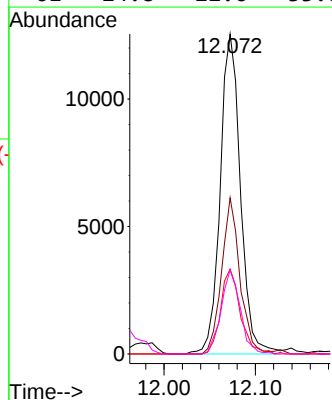
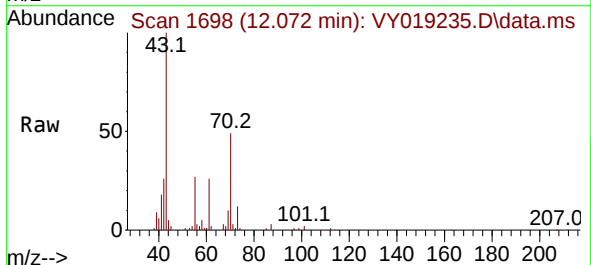
Instrument :
MSVOA_Y
ClientSampleId :

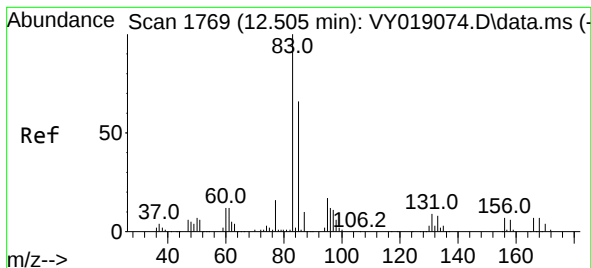
Tgt Ion:105 Resp: 140890
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 65.583 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 43 Resp: 19347
Ion Ratio Lower Upper
43 100
70 44.2 41.4 62.2
55 25.9 23.3 34.9
61 24.8 22.6 33.8

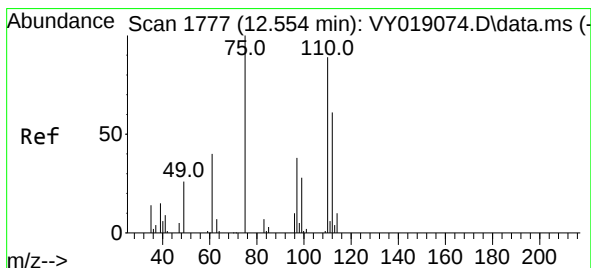
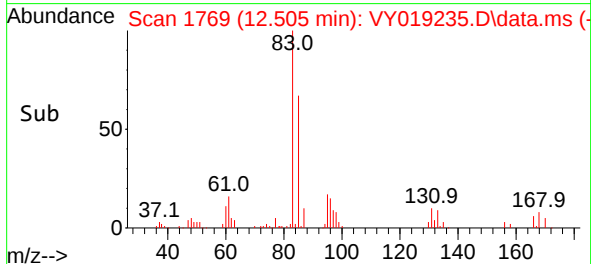
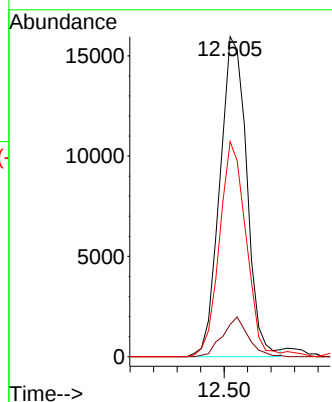
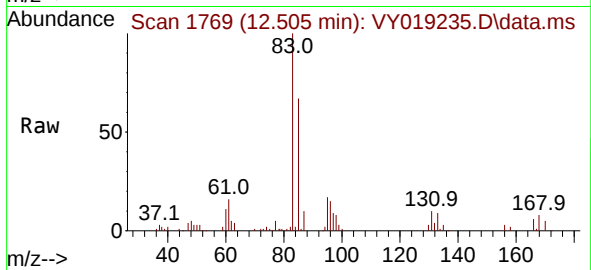




#75
1,1,2,2-Tetrachloroethane
Concen: 105.580 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

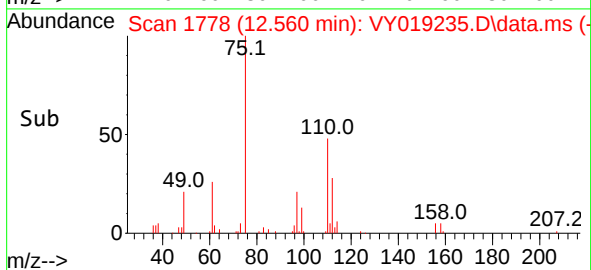
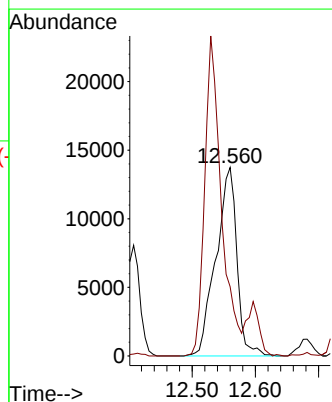
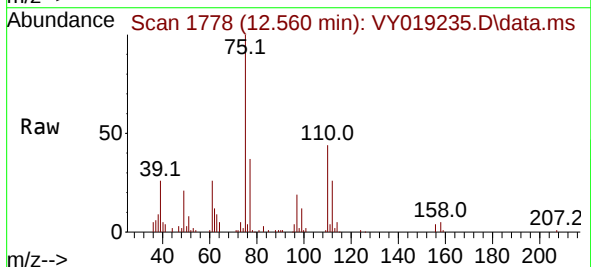
Instrument :
MSVOA_Y
ClientSampleId :

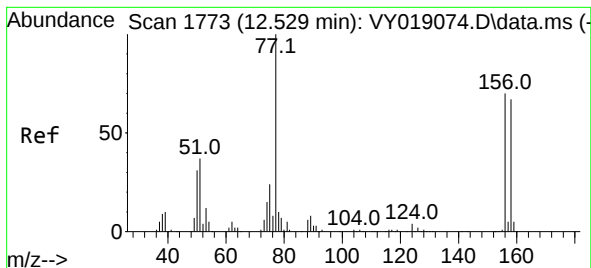
Tgt Ion:	83	Resp:	25429
Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.0	14.9
85	67.2	32.0	96.0



#76
1,2,3-Trichloropropane
Concen: 181.225 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion:	75	Resp:	31546
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 69.381 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

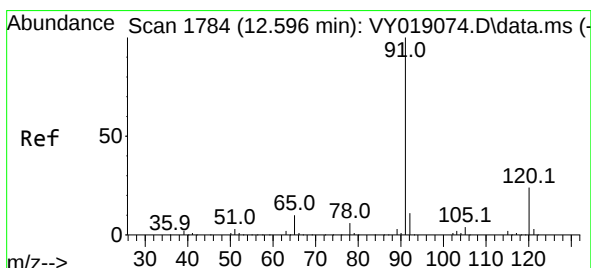
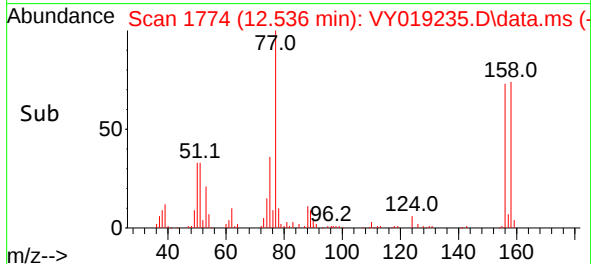
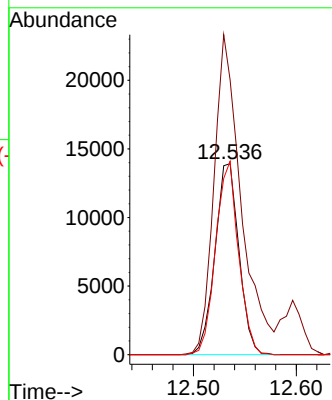
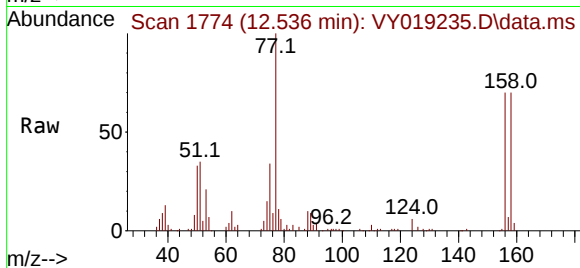
Tgt Ion:156 Resp: 22542

Ion Ratio Lower Upper

156 100

77 190.1 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 81.501 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019235.D

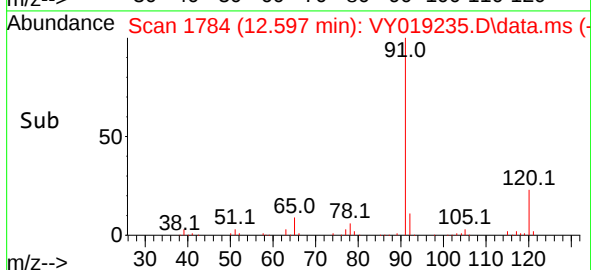
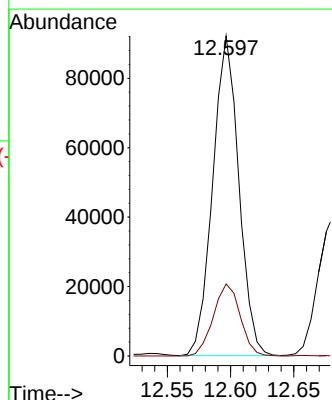
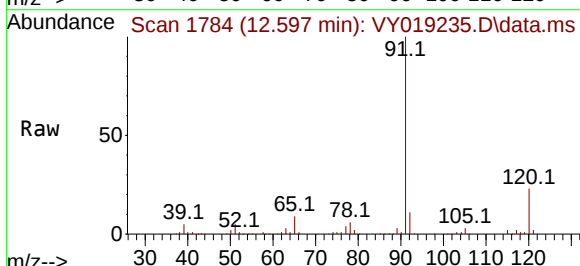
Acq: 22 Aug 2024 21:10

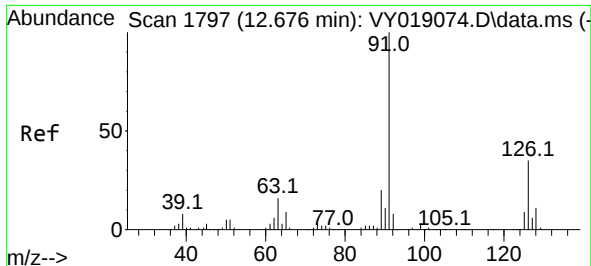
Tgt Ion: 91 Resp: 131809

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

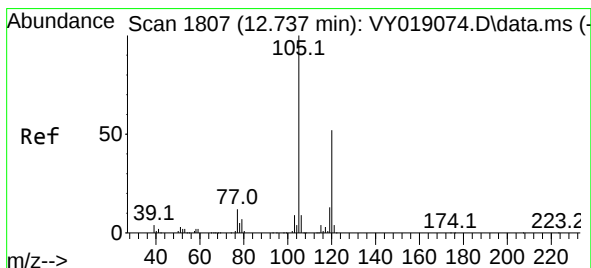
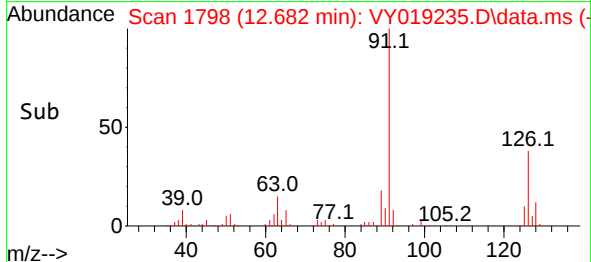
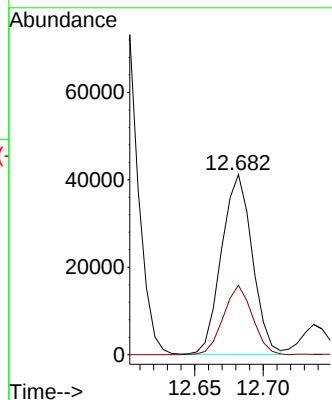
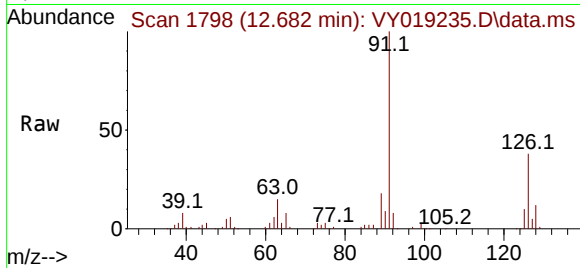




#79
2-Chlorotoluene
Concen: 70.881 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

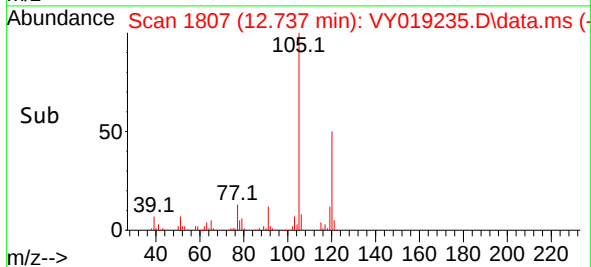
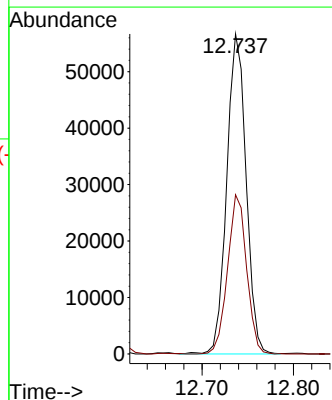
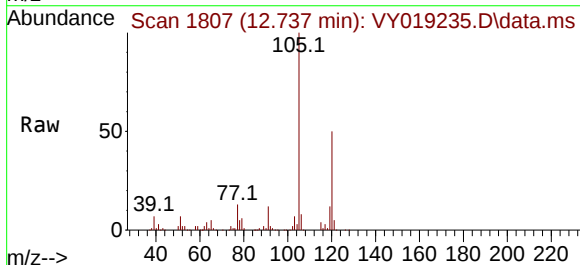
Instrument :
MSVOA_Y
ClientSampleId :

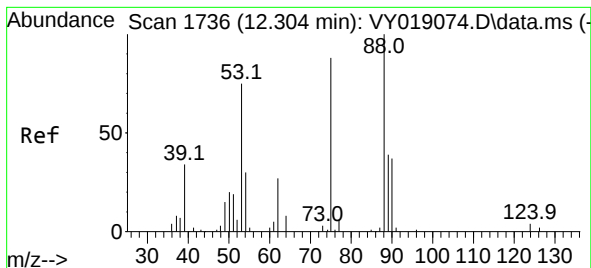
Tgt Ion: 91 Resp: 64268
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 75.627 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 105 Resp: 83350
Ion Ratio Lower Upper
105 100
120 49.0 25.1 75.2

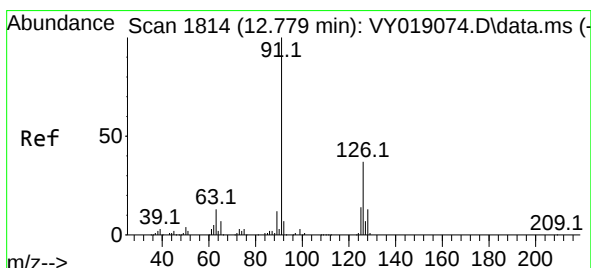
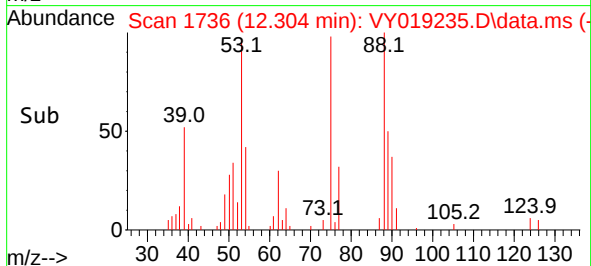
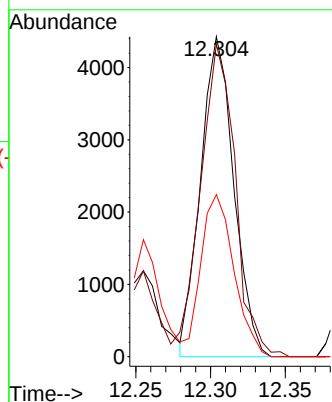
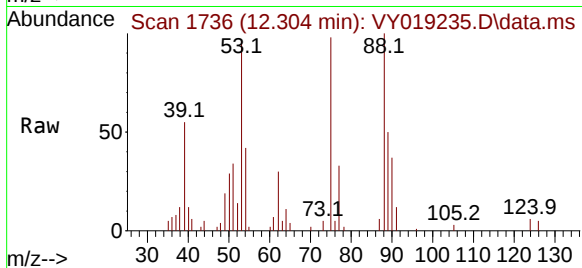




#81
trans-1,4-Dichloro-2-butene
Concen: 97.257 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

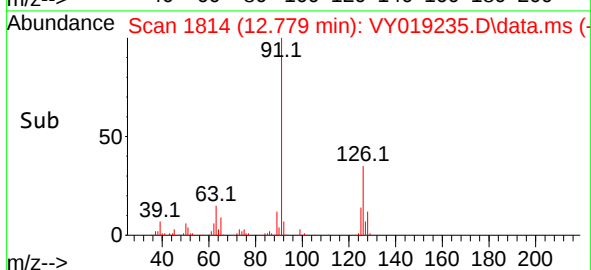
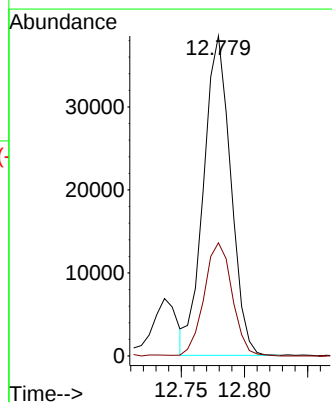
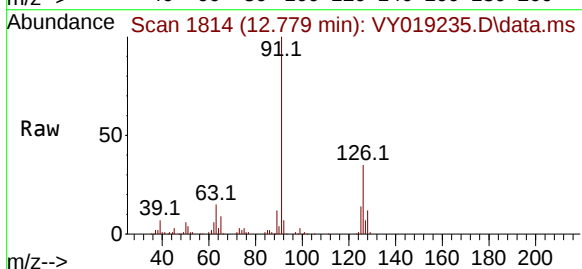
Instrument :
MSVOA_Y
ClientSampleId :

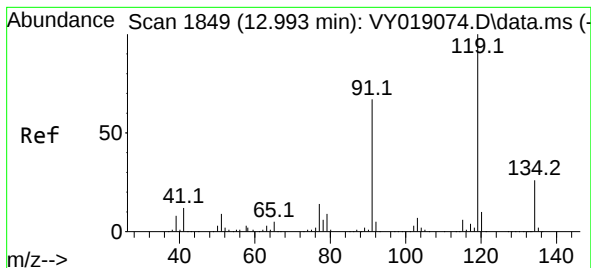
Tgt Ion: 75 Resp: 6855
Ion Ratio Lower Upper
75 100
53 102.0 66.8 100.2#
89 50.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 60.939 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019235.D
Acq: 22 Aug 2024 21:10

Tgt Ion: 91 Resp: 57485
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 87.661 ug/l

RT: 12.999 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

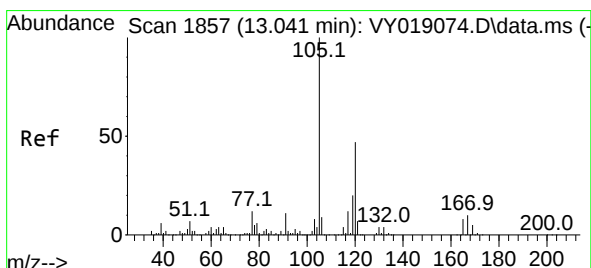
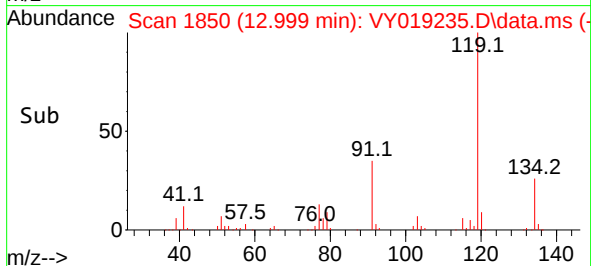
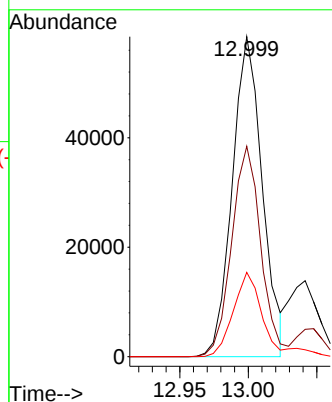
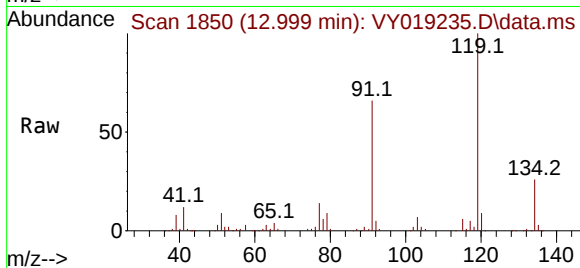
Tgt Ion:119 Resp: 89220

Ion Ratio Lower Upper

119 100

91 64.1 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 66.520 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019235.D

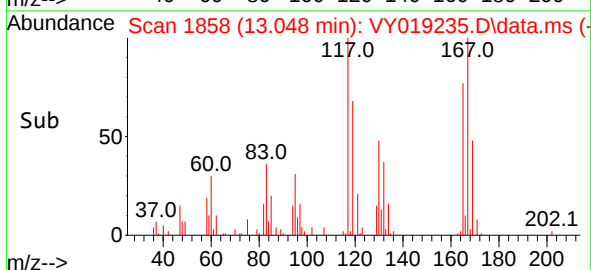
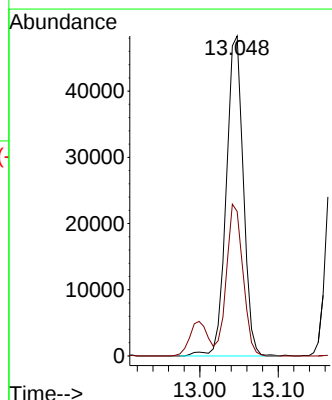
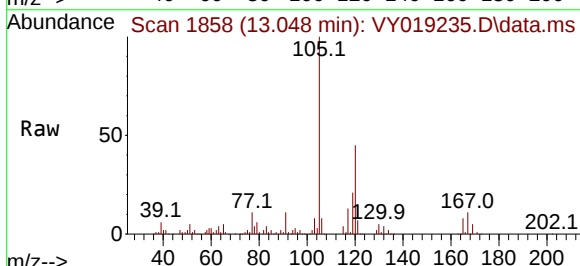
Acq: 22 Aug 2024 21:10

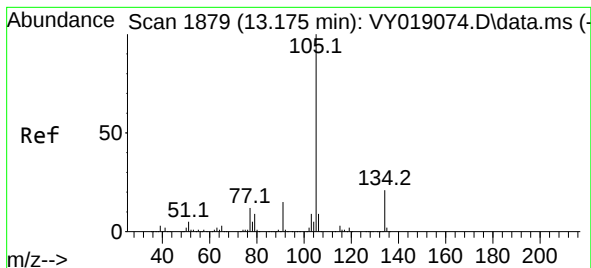
Tgt Ion:105 Resp: 73068

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 70.135 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

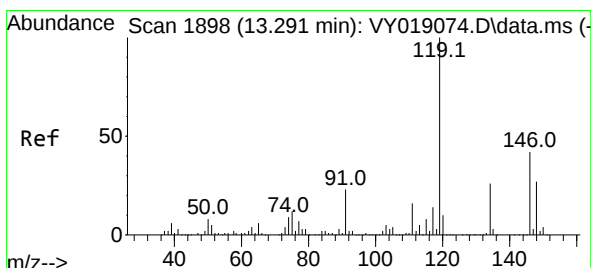
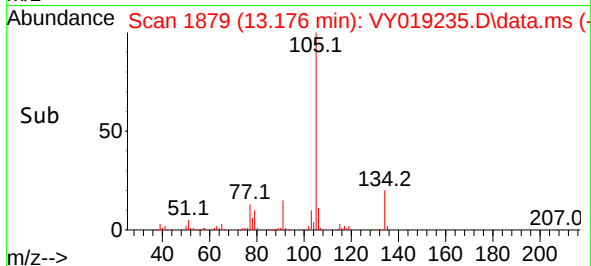
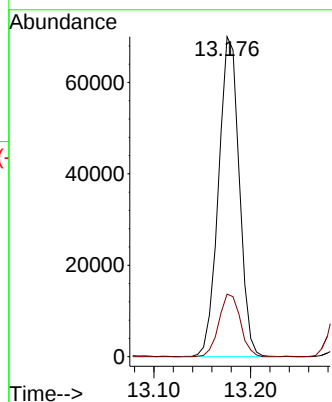
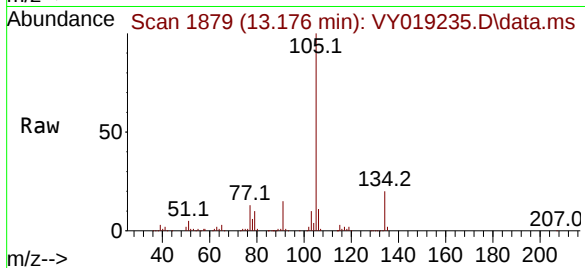
ClientSampleId :

Tgt Ion:105 Resp: 104023

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 63.460 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

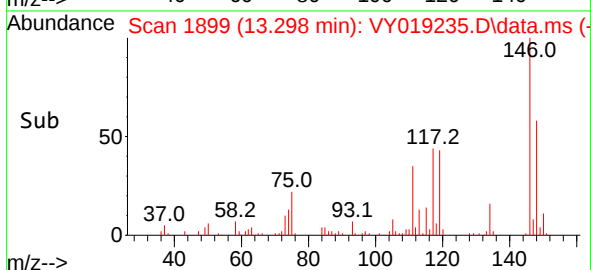
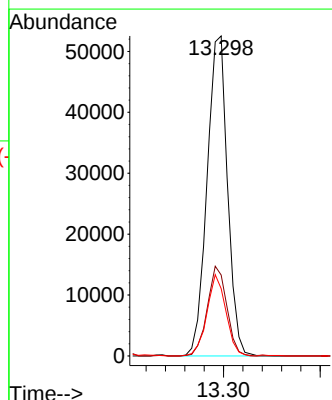
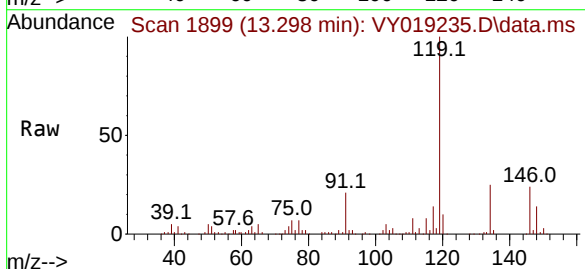
Tgt Ion:119 Resp: 77311

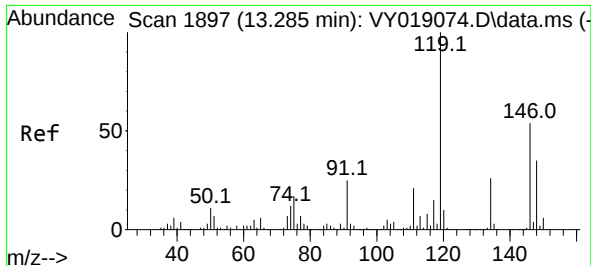
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 23.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 41.792 ug/l

RT: 13.291 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

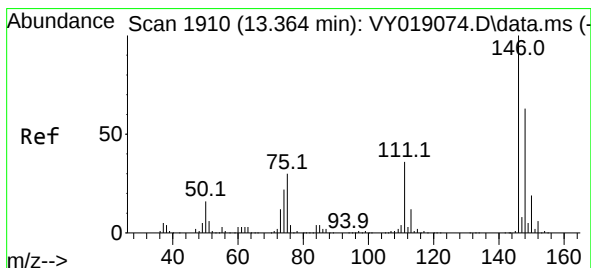
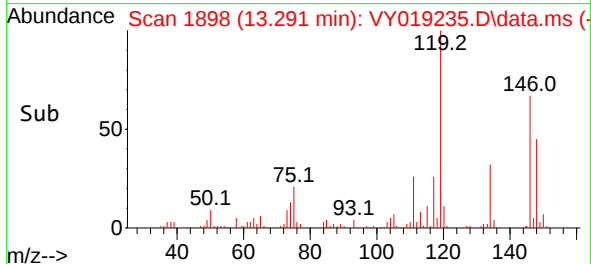
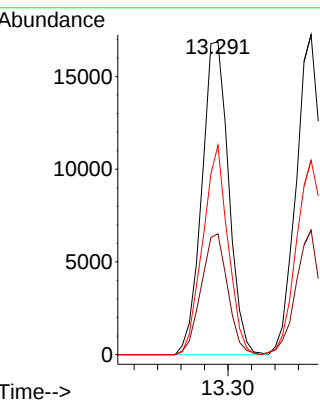
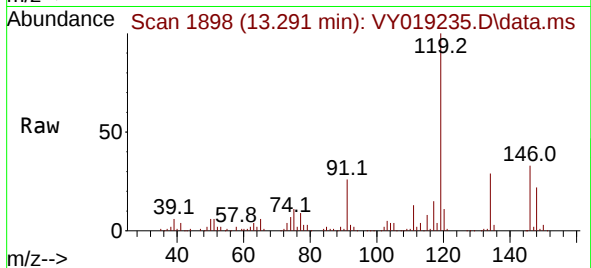
Tgt Ion:146 Resp: 26778

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 62.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 41.493 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

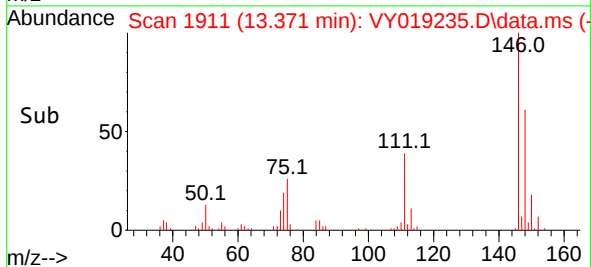
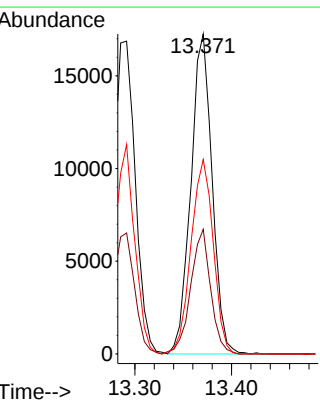
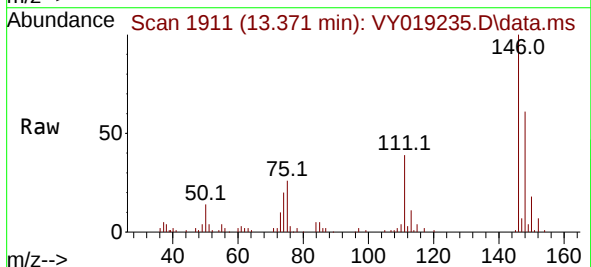
Tgt Ion:146 Resp: 26428

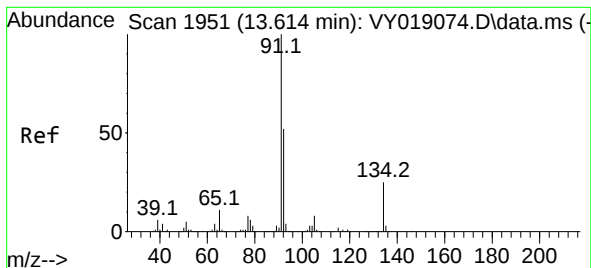
Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 43.846 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019235.D

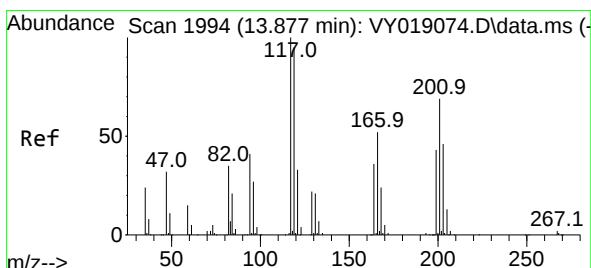
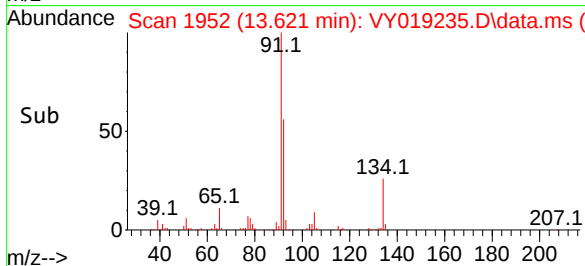
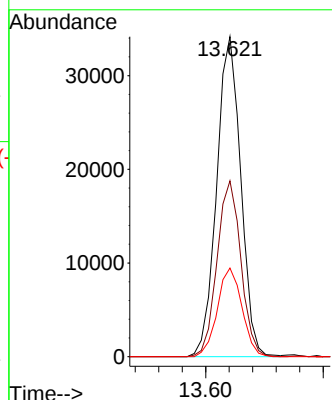
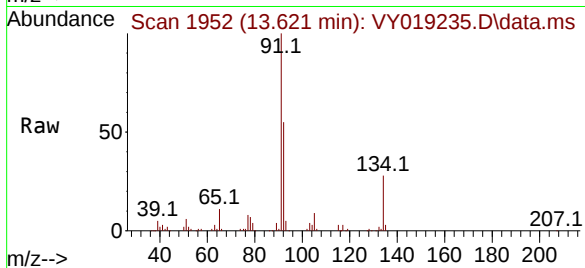
Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 48700
Ion Ratio	Lower Upper
91	100
92	54.3 26.6 79.7
134	28.3 12.9 38.7



#90

Hexachloroethane

Concen: 74.482 ug/l

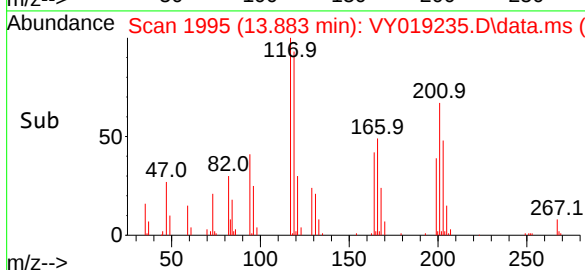
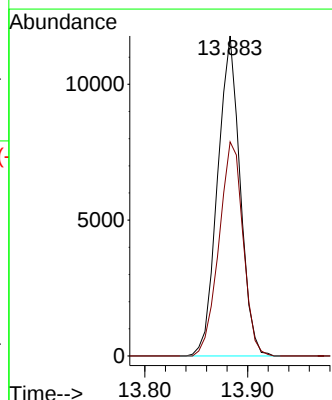
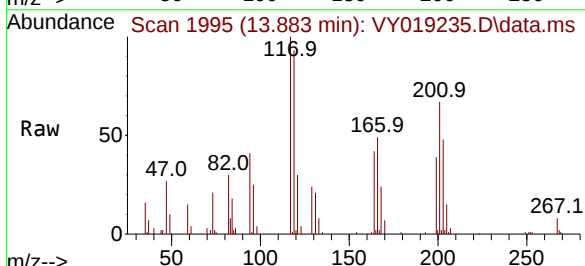
RT: 13.883 min Scan# 1995

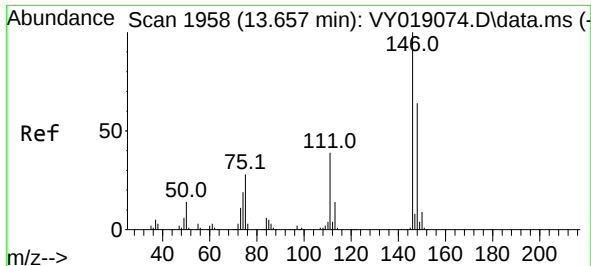
Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Tgt Ion: 117	Resp: 17885
Ion Ratio	Lower Upper
117	100
201	71.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 38.083 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019235.D

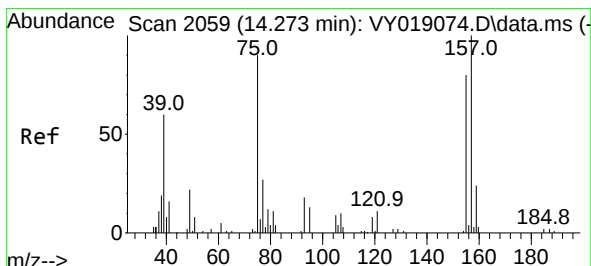
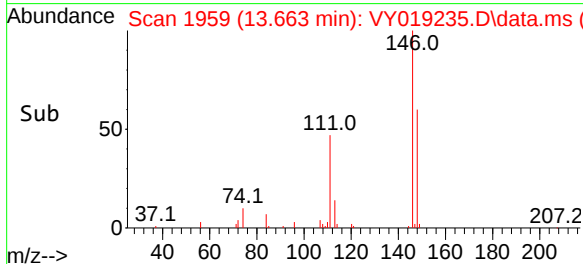
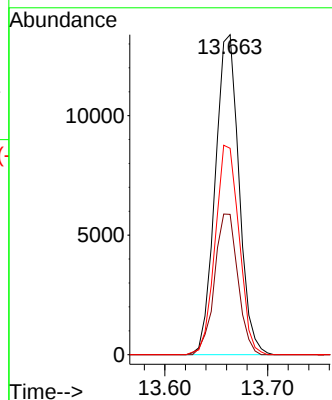
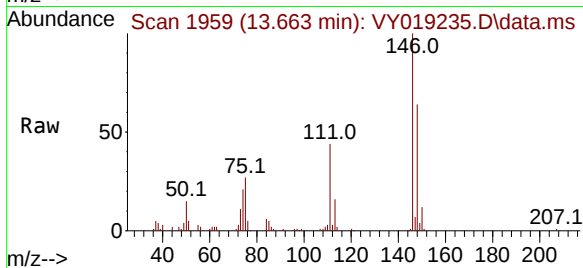
Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	21461
Ion Ratio	Lower	Upper
146	100	
111	43.2	19.9 59.7
148	65.8	31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 85.771 ug/l

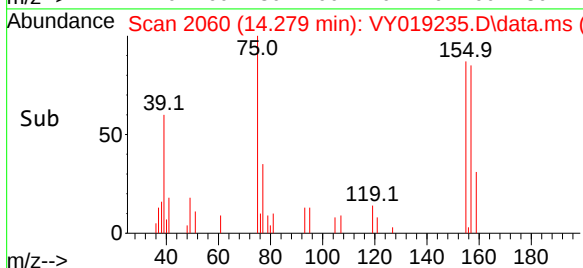
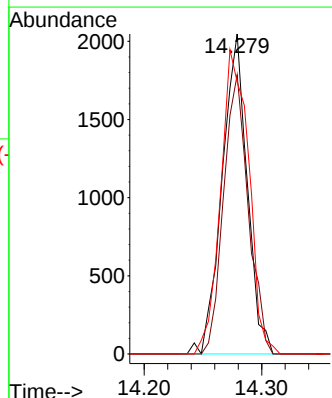
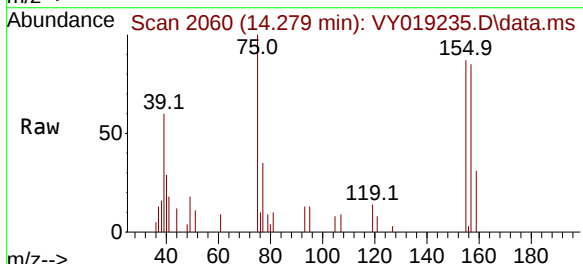
RT: 14.279 min Scan# 2060

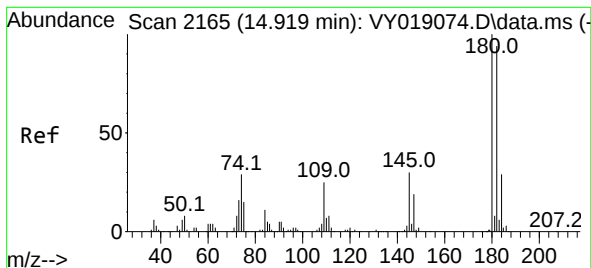
Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Tgt Ion: 75	Resp:	3039
Ion Ratio	Lower	Upper
75	100	
155	86.2	48.6 145.8
157	106.4	62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 15.491 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

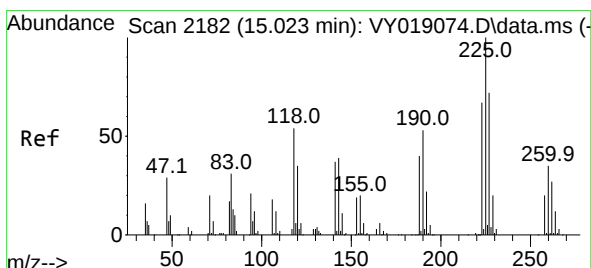
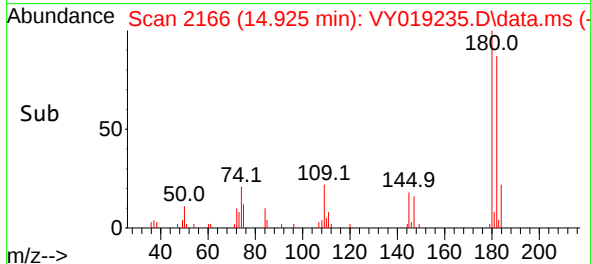
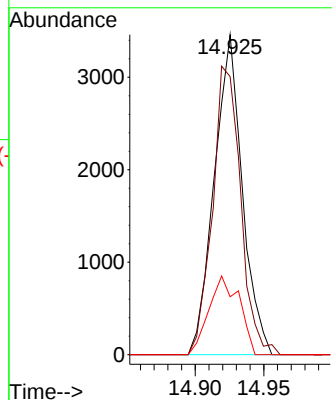
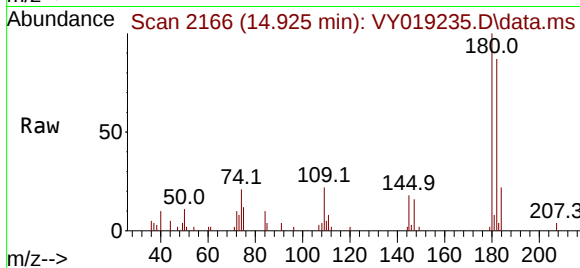
Tgt Ion:180 Resp: 4923

Ion Ratio Lower Upper

180 100

182 90.5 47.9 143.8

145 26.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 31.607 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

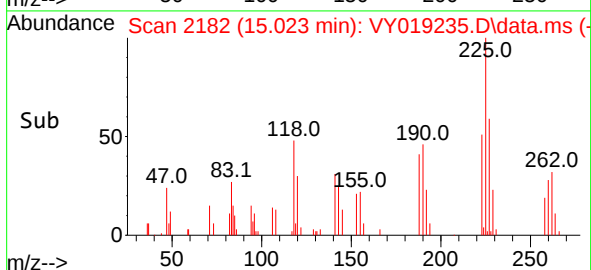
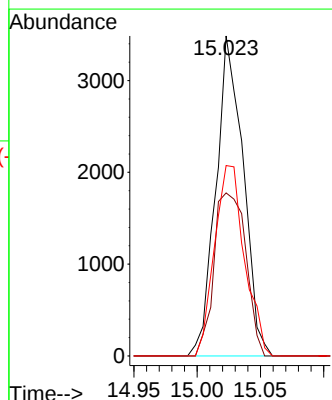
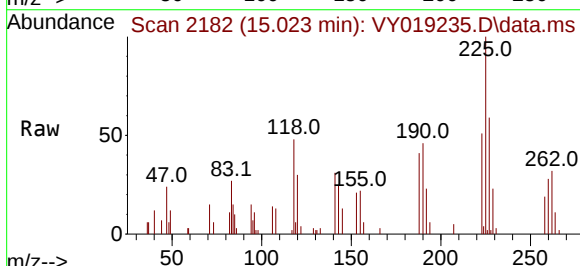
Tgt Ion:225 Resp: 5232

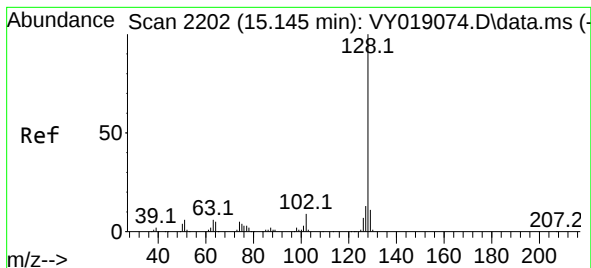
Ion Ratio Lower Upper

225 100

223 59.6 30.4 91.2

227 65.4 31.9 95.9





#95

Naphthalene

Concen: 11.525 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019235.D

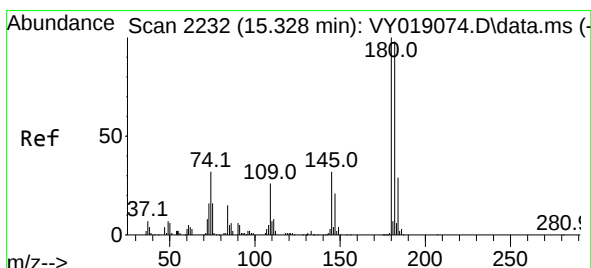
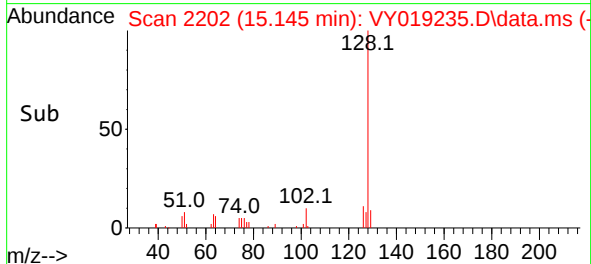
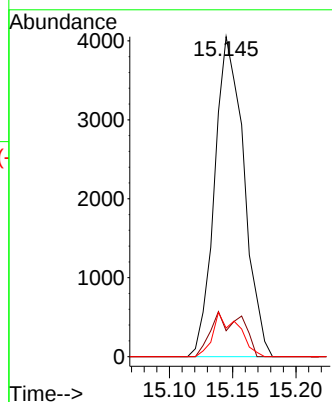
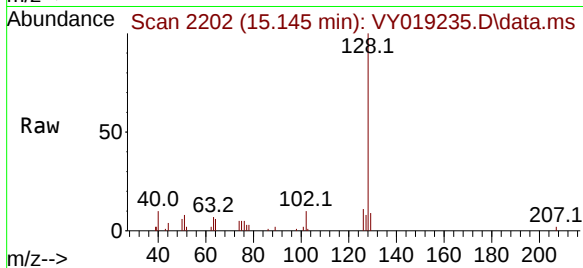
Acq: 22 Aug 2024 21:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	6537
Ion Ratio	Lower	Upper
128	100	
127	7.7	10.6 16.0#
129	12.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 11.446 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019235.D

Acq: 22 Aug 2024 21:10

Tgt Ion:180	Resp:	3068
Ion Ratio	Lower	Upper
180	100	
182	95.1	47.6 142.9
145	40.1	15.4 46.1

