

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019547.D
 Acq On : 13 Sep 2024 18:19
 Operator : SY/MD
 Sample : P3936-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 13 23:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	7952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	14890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	10643	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	3139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5472	74.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.620%	
35) Dibromofluoromethane	7.622	113	4127	48.884	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.760%	
50) Toluene-d8	10.103	98	17599	56.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.402	95	4542	37.829	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 75.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.830	85	44	Below Cal	#	43
3) Chloromethane	2.074	50	337	5.122	ug/l #	43
5) Bromomethane	2.617	94	189	4.325	ug/l #	70
6) Chloroethane	2.732	64	69	1.484	ug/l #	42
10) Methyl Iodide	4.001	142	131	1.393	ug/l #	70
11) Tert butyl alcohol	4.811	59	283	47.591	ug/l #	88
13) Acrolein	3.677	56	23	Below Cal	#	1
15) Acrylonitrile	5.141	53	23	1.340	ug/l #	10
16) Acetone	3.848	43	700	39.904	ug/l	89
18) Methyl Acetate	4.354	43	166	3.487	ug/l #	46
20) Methylene Chloride	4.598	84	393	4.912	ug/l #	87
25) 2-Butanone	6.866	43	147	5.892	ug/l #	41
26) 2,2-Dichloropropane	6.854	77	466	3.543	ug/l #	51
29) Tetrahydrofuran	7.250	42	24	1.582	ug/l #	10
31) Cyclohexane	7.671	56	409	3.104	ug/l #	67
37) Ethyl Acetate	6.988	43	113	1.920	ug/l #	67
38) Carbon Tetrachloride	7.695	117	841	6.492	ug/l #	13
39) Methylcyclohexane	9.109	83	4966	32.484	ug/l	99
41) Methacrylonitrile	7.220	41	157	4.576	ug/l #	10
48) Methyl methacrylate	9.183	41	519	8.888	ug/l #	31
51) 4-Methyl-2-Pentanone	10.006	43	639	10.271	ug/l #	31
52) Toluene	10.170	92	4614	20.276	ug/l	93
55) 1,1,2-Trichloroethane	10.542	97	5982	91.574	ug/l #	21
56) Ethyl methacrylate	10.445	69	1265	12.748	ug/l #	1
59) 2-Hexanone	10.731	43	7020	153.915	ug/l #	24
67) Ethyl Benzene	11.518	91	14996	40.313	ug/l	100
68) m/p-Xylenes	11.621	106	25566	181.761	ug/l	94
69) o-Xylene	11.950	106	16700	121.403	ug/l	91
70) Styrene	11.956	104	978	4.211	ug/l #	1
73) Isopropylbenzene	12.255	105	5271	23.146	ug/l	95
74) N-amyl acetate	12.048	43	18938	305.781	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.560	83	3712	91.836	ug/l #	26
76) 1,2,3-Trichloropropane	12.603	75	84	2.855	ug/l #	100
78) n-propylbenzene	12.597	91	13405	49.664	ug/l	96
79) 2-Chlorotoluene	12.658	91	9202	58.500	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.731	105	34277	185.150	ug/l	100

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

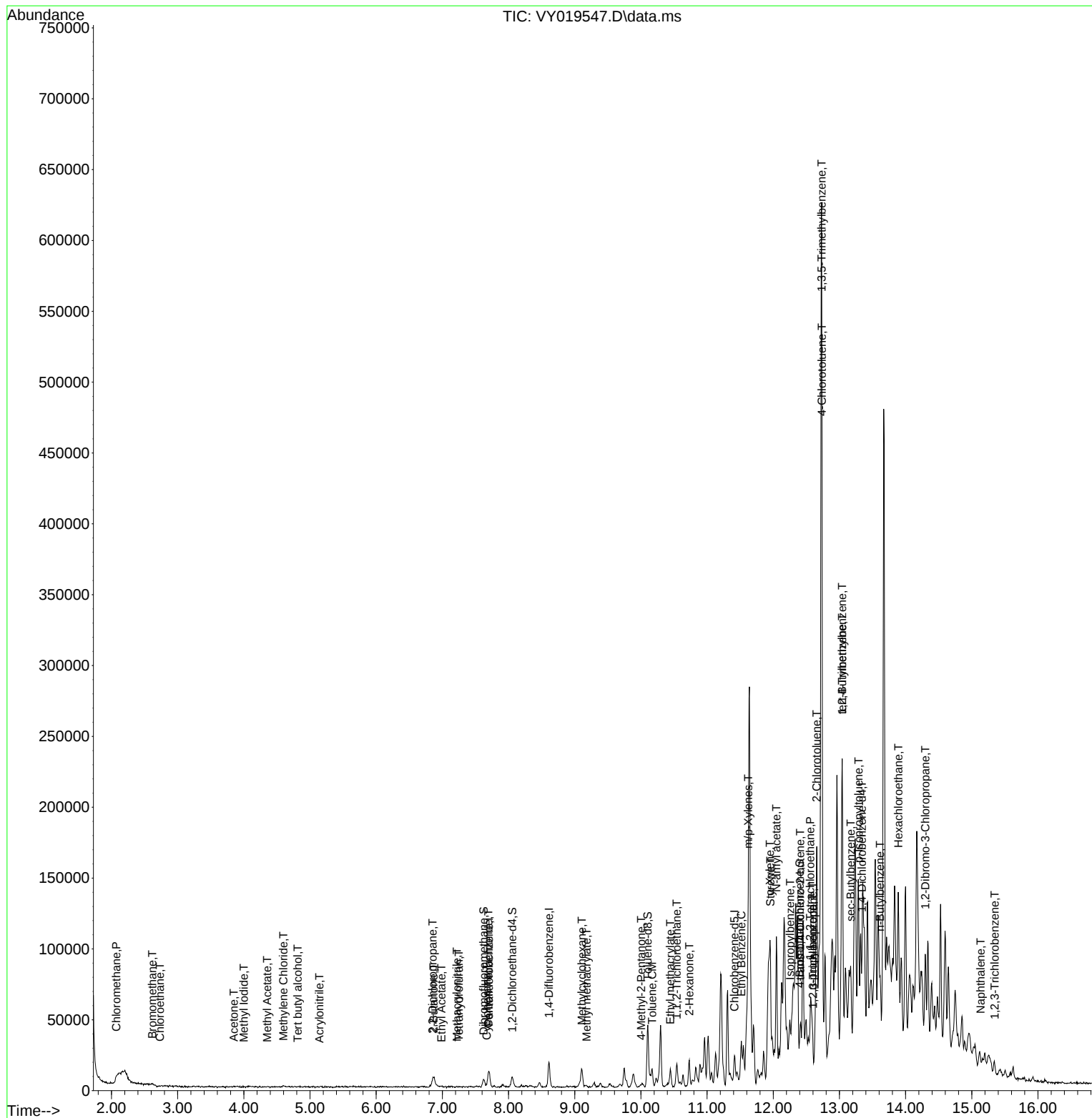
81) trans-1,4-Dichloro-2-b...	12.408	75	2206	143.938	ug/l #	16
82) 4-Chlorotoluene	12.737	91	4532	28.024	ug/l #	60
83) tert-Butylbenzene	13.042	119	11405	68.050	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.042	105	95020	518.514	ug/l	97
85) sec-Butylbenzene	13.170	105	10915	44.830	ug/l	90
86) p-Isopropyltoluene	13.292	119	7854	39.428	ug/l	92
89) n-Butylbenzene	13.615	91	8329	43.737	ug/l #	71
90) Hexachloroethane	13.889	117	2725	65.745	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.297	75	80	11.876	ug/l #	28
95) Naphthalene	15.133	128	1063	9.966	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.346	180	237	5.202	ug/l #	12

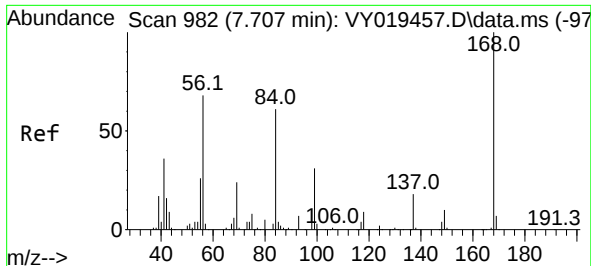
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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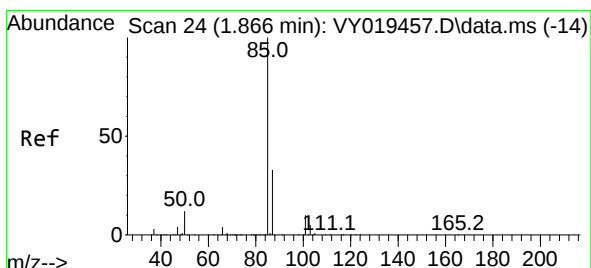
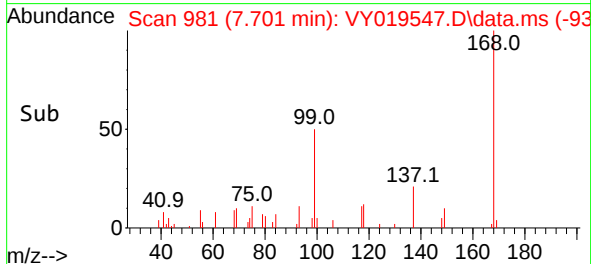
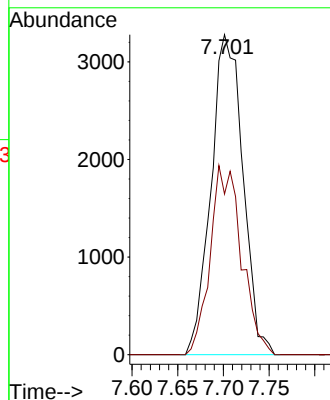
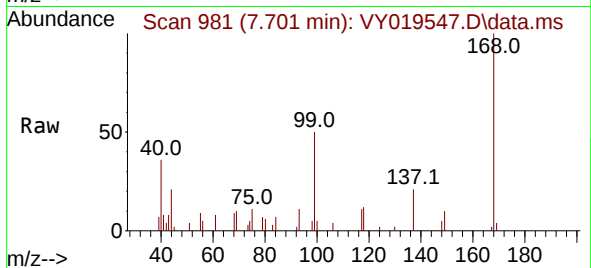




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019547.D
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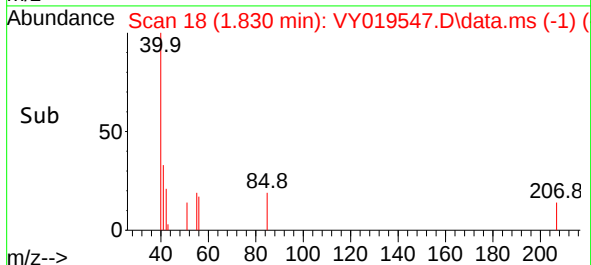
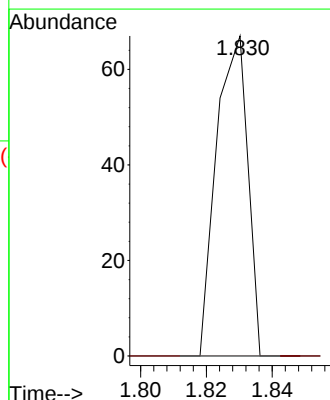
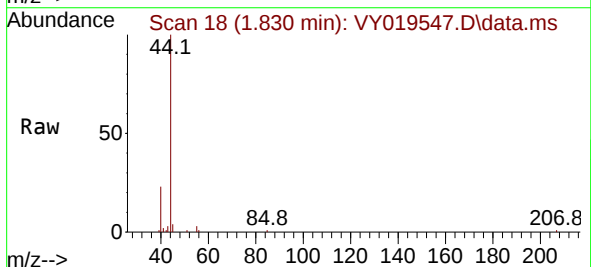
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

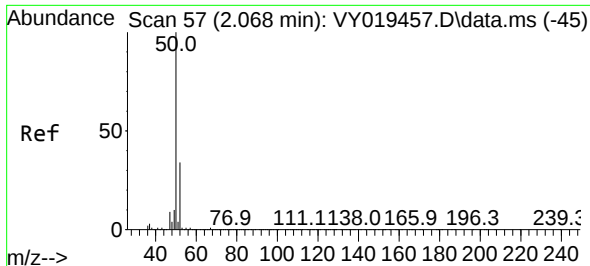
Tgt Ion:168 Resp: 7952
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.830 min Scan# 18
Delta R.T. -0.036 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 85 Resp: 44
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

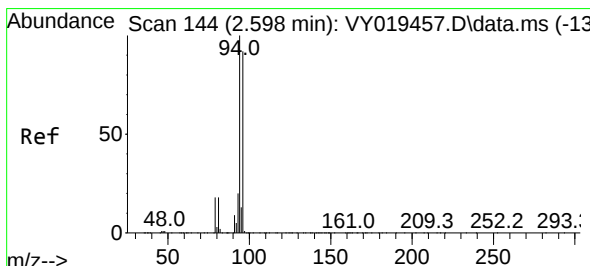
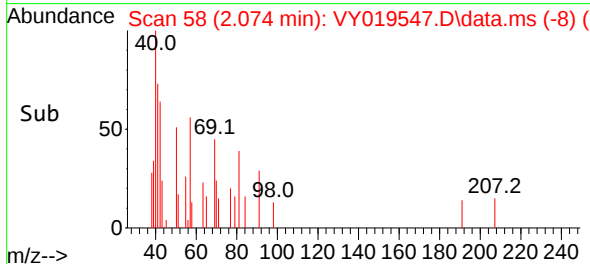
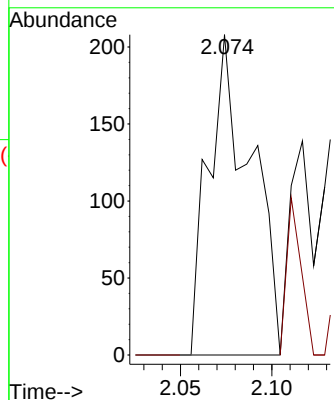
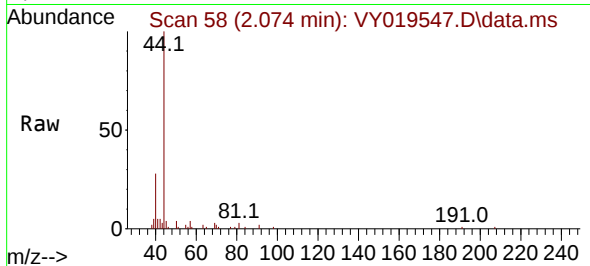




#3
Chloromethane
Concen: 5.122 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

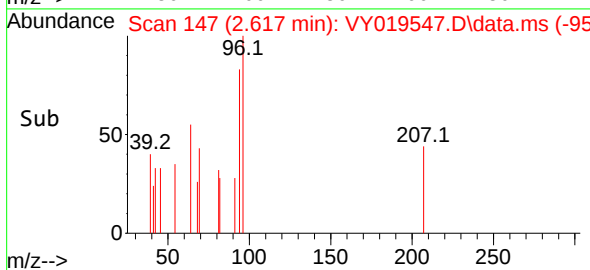
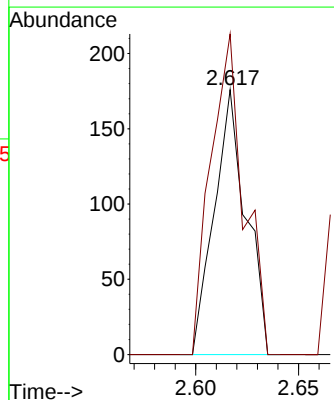
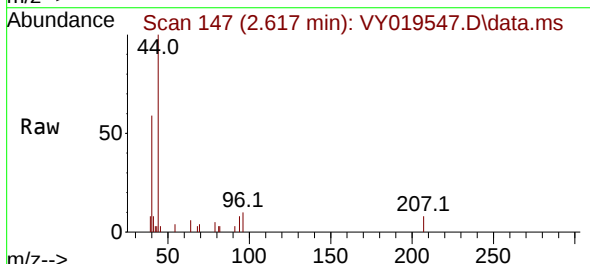
Instrument :
MSVOA_Y
ClientSampleId :
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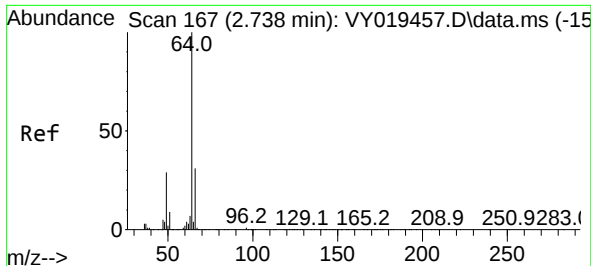
Tgt Ion: 50 Resp: 337
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#5
Bromomethane
Concen: 4.325 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.019 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 94 Resp: 189
Ion Ratio Lower Upper
94 100
96 121.0 74.1 111.1#

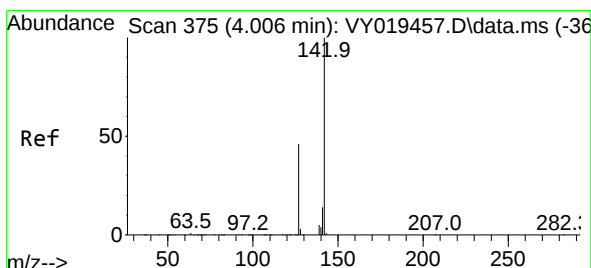
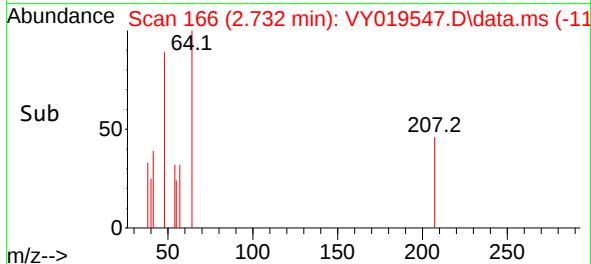
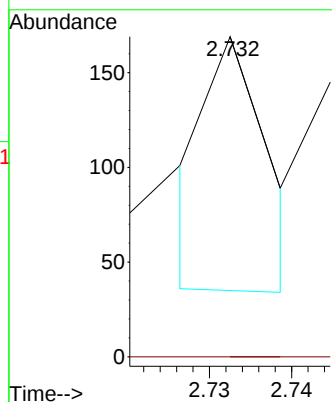
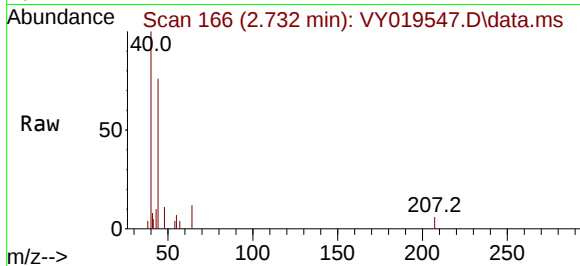




#6
Chloroethane
Concen: 1.484 ug/l
RT: 2.732 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

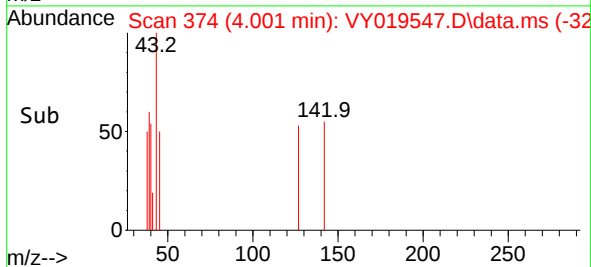
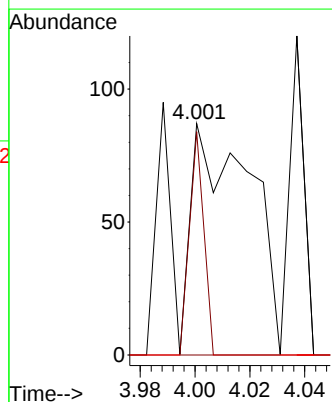
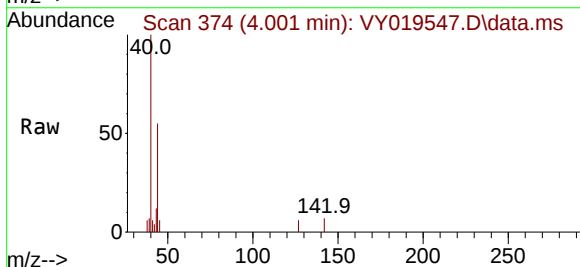
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

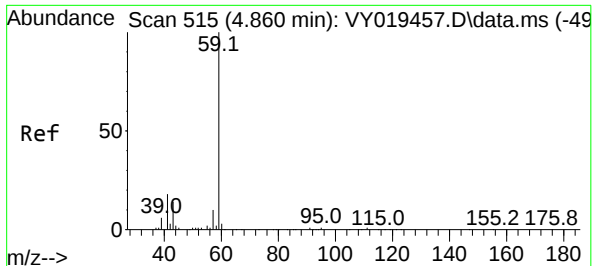
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#10
Methyl Iodide
Concen: 1.393 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 142 Resp: 131
Ion Ratio Lower Upper
142 100
127 23.7 32.8 49.2#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 47.591 ug/l

RT: 4.811 min Scan# 50

Delta R.T. -0.048 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

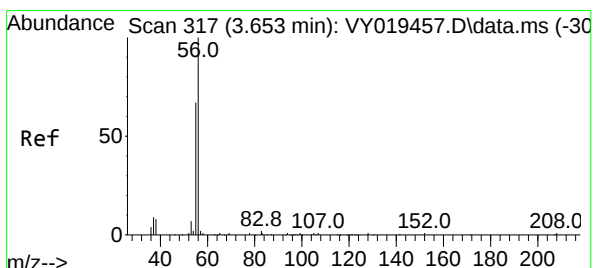
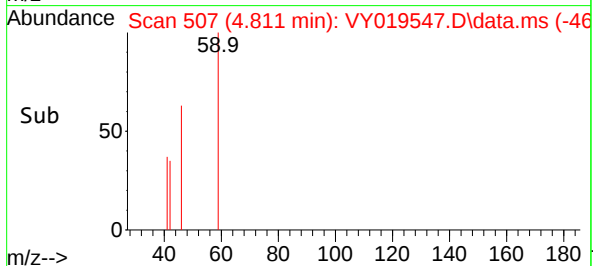
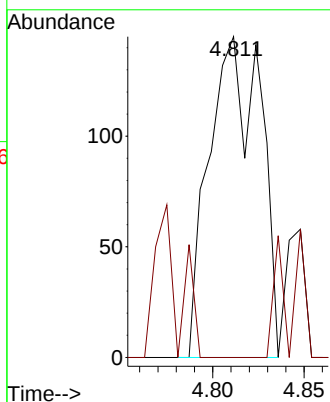
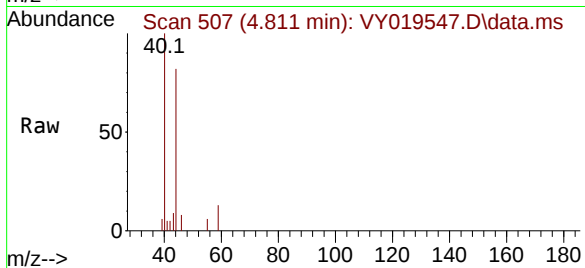
DRUM-COMP

Tgt Ion: 59 Resp: 283

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.677 min Scan# 321

Delta R.T. 0.024 min

Lab File: VY019547.D

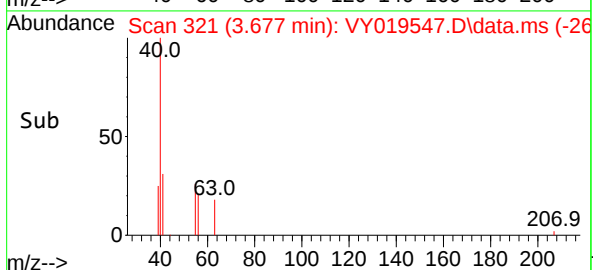
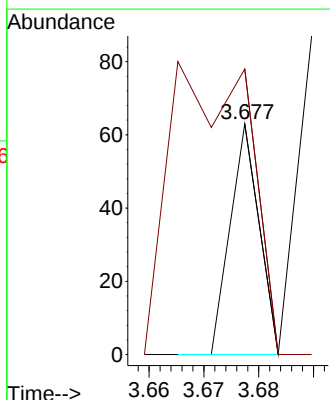
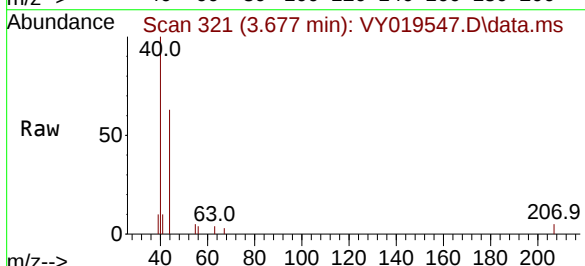
Acq: 13 Sep 2024 18:19

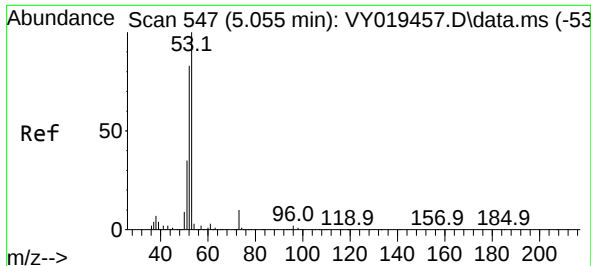
Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 347.8 55.7 83.5#

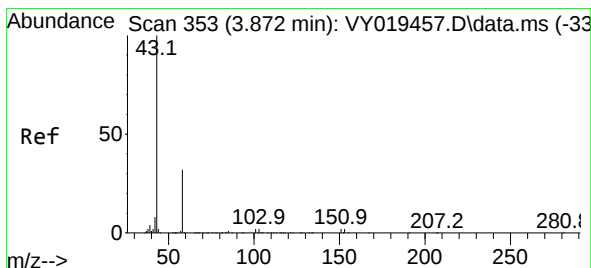
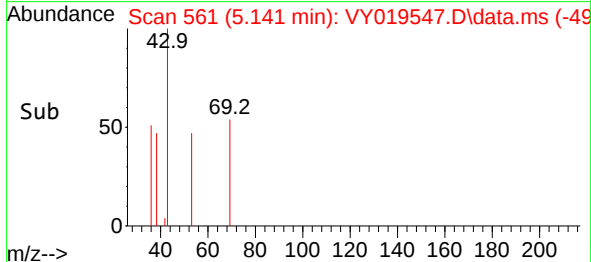
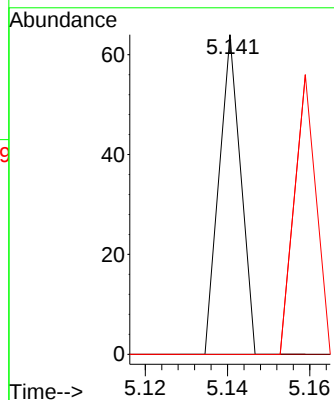
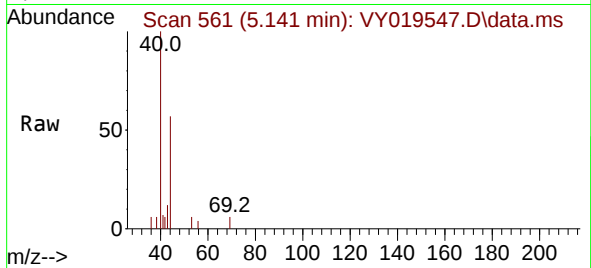




#15
Acrylonitrile
Concen: 1.340 ug/l
RT: 5.141 min Scan# 50
Delta R.T. 0.086 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

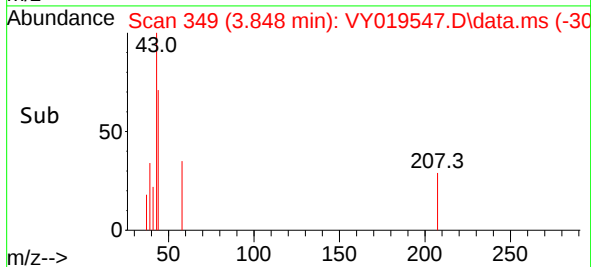
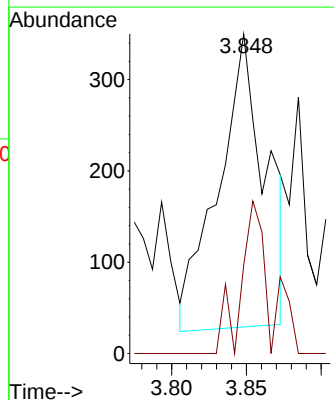
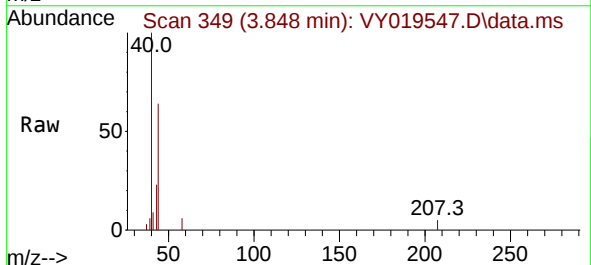
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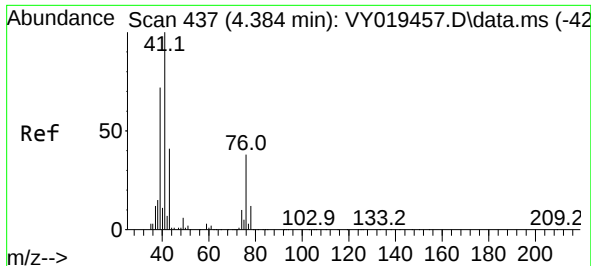
Tgt Ion: 53 Resp: 23
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 87.0 28.4 42.6#



#16
Acetone
Concen: 39.904 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.024 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5

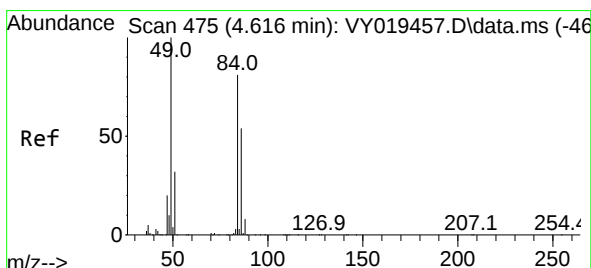
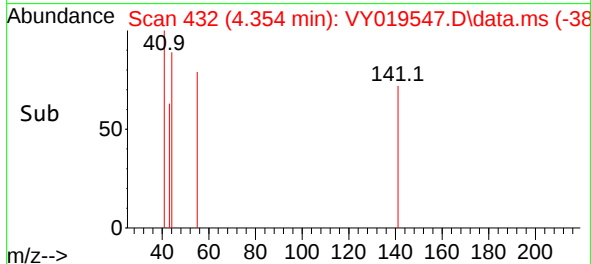
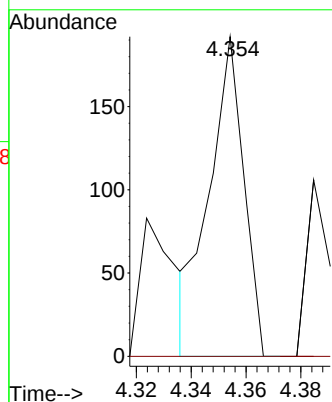
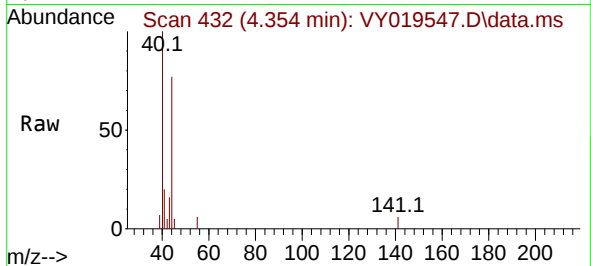




#18
Methyl Acetate
Concen: 3.487 ug/l
RT: 4.354 min Scan# 41
Delta R.T. -0.030 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

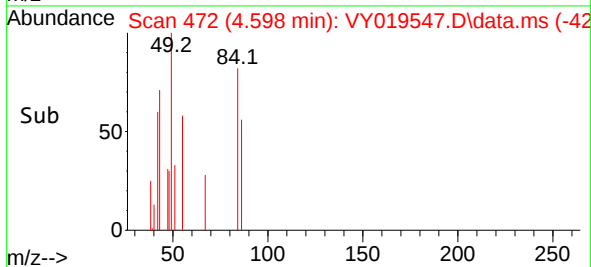
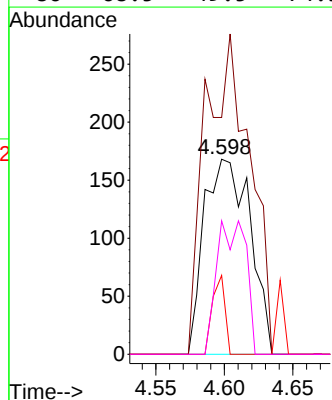
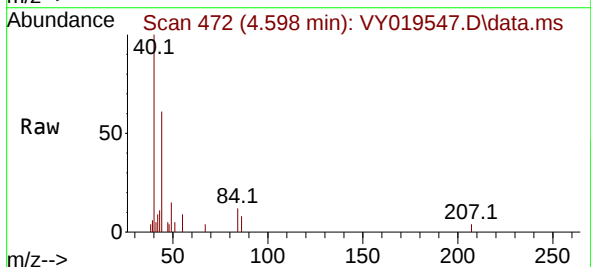
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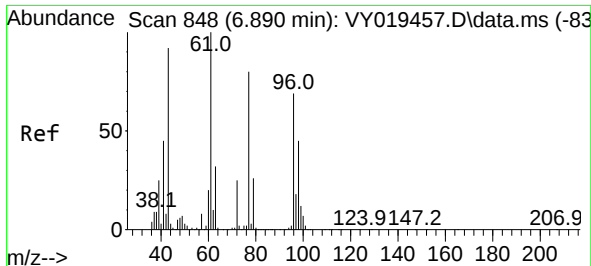
Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 4.912 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 84 Resp: 393
Ion Ratio Lower Upper
84 100
49 121.4 84.4 126.6
51 40.5 26.0 39.0#
86 68.5 49.5 74.3





#25

2-Butanone

Concen: 5.892 ug/l

RT: 6.866 min Scan# 84

Delta R.T. -0.024 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

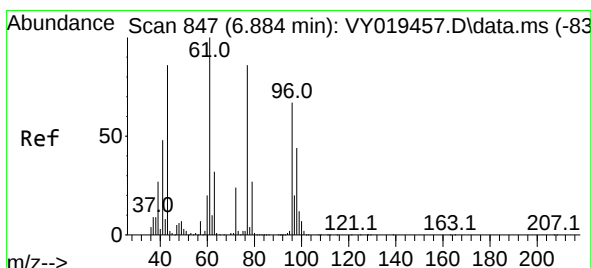
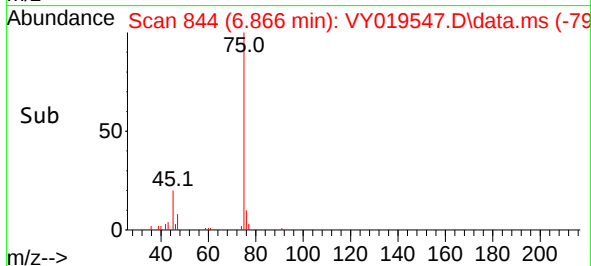
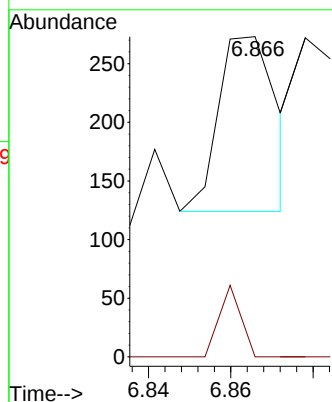
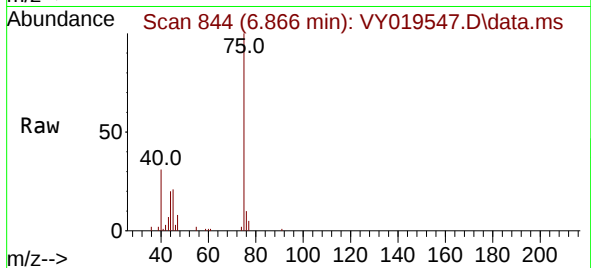
DRUM-COMP

Tgt Ion: 43 Resp: 147

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 3.543 ug/l

RT: 6.854 min Scan# 842

Delta R.T. -0.030 min

Lab File: VY019547.D

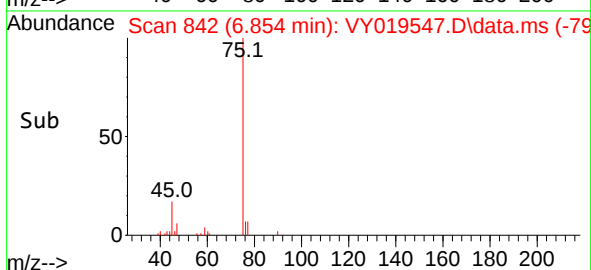
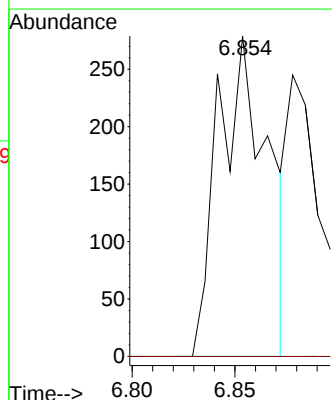
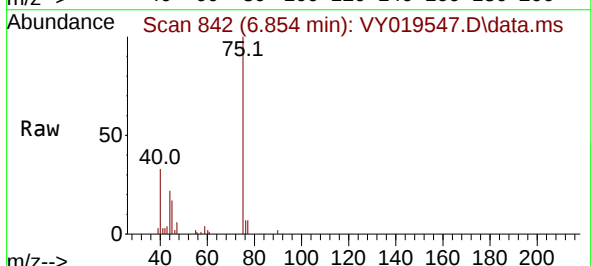
Acq: 13 Sep 2024 18:19

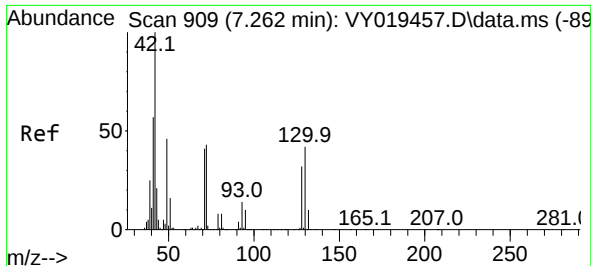
Tgt Ion: 77 Resp: 466

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#

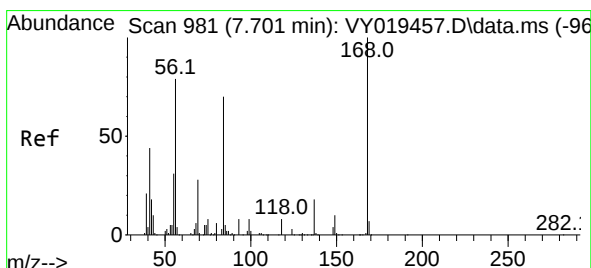
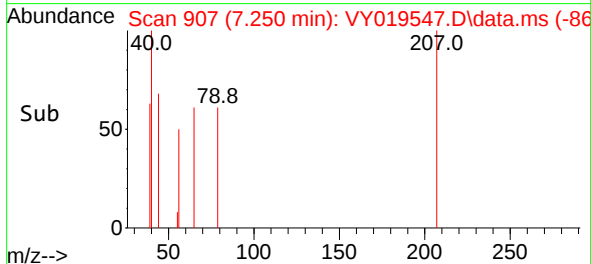
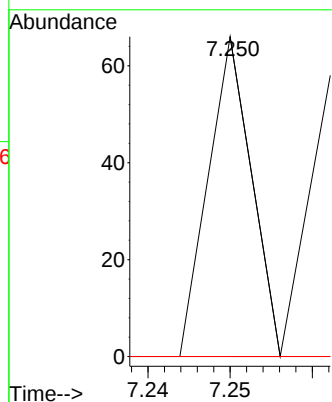
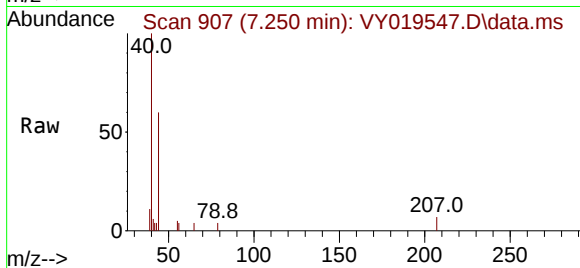




#29
Tetrahydrofuran
Concen: 1.582 ug/l
RT: 7.250 min Scan# 909
Delta R.T. -0.012 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

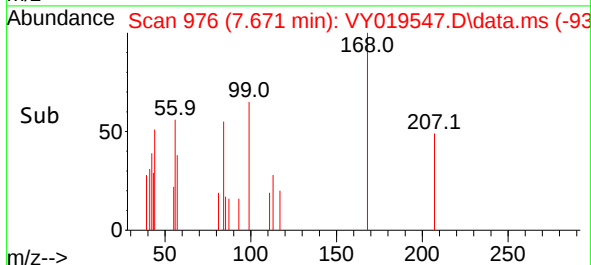
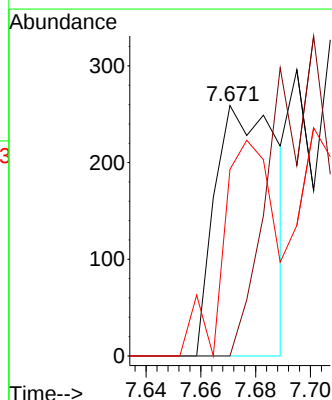
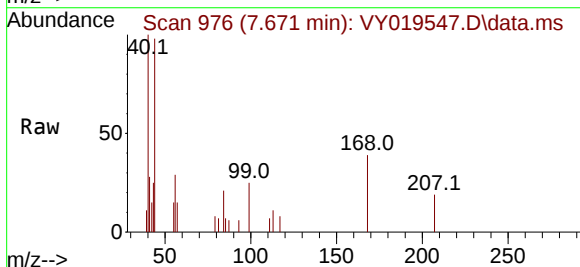
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

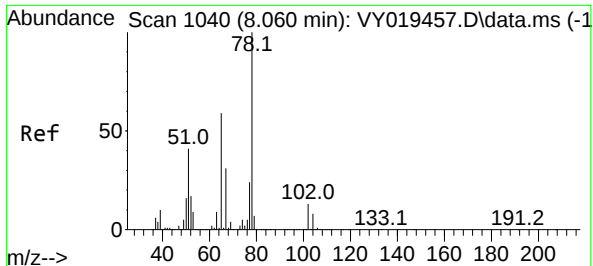
Tgt Ion:	42	Resp:	24
Ion	Ratio	Lower	Upper
42	100		
72	129.2	43.0	64.4#
71	0.0	40.8	61.2#



#31
Cyclohexane
Concen: 3.104 ug/l
RT: 7.671 min Scan# 976
Delta R.T. -0.030 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion:	56	Resp:	409
Ion	Ratio	Lower	Upper
56	100		
69	0.0	28.7	43.1#
84	74.5	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 74.314 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

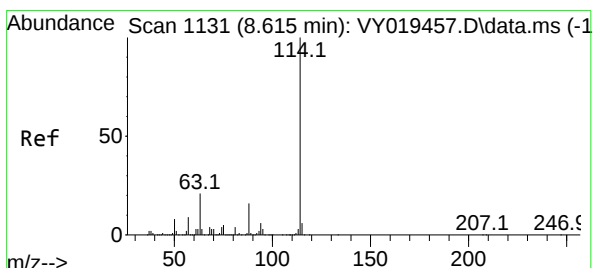
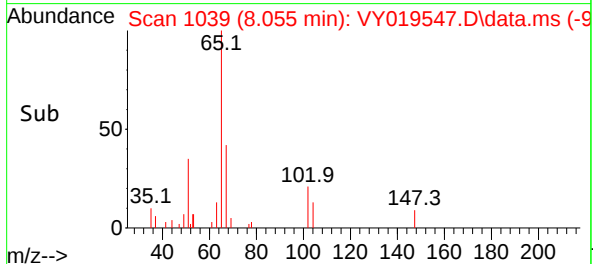
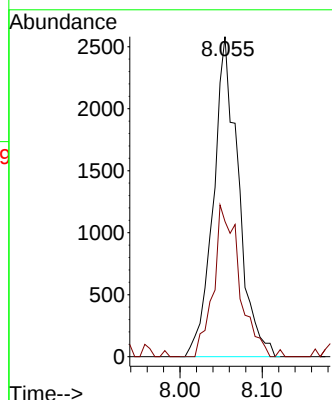
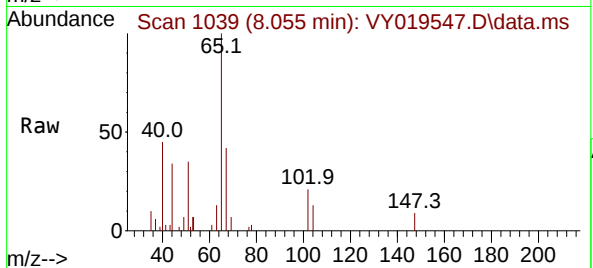
DRUM-COMP

Tgt Ion: 65 Resp: 5472

Ion Ratio Lower Upper

65 100

67 48.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

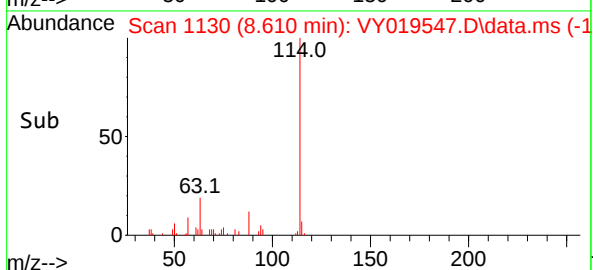
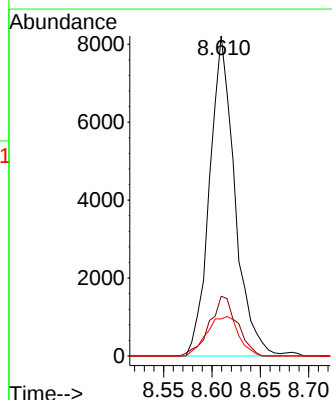
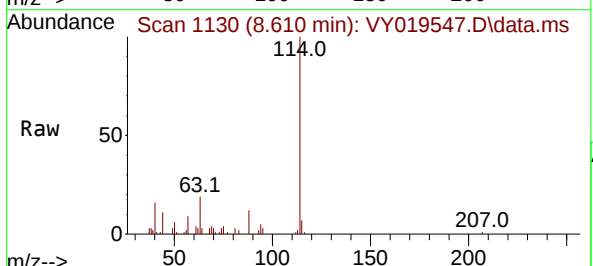
Tgt Ion: 114 Resp: 14890

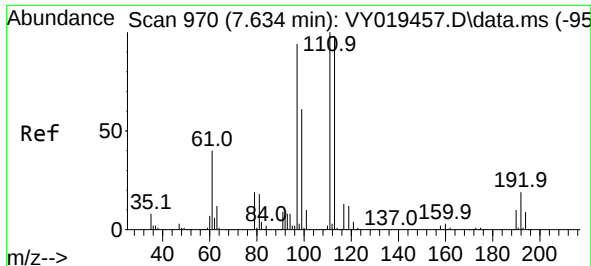
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 11.6 0.0 27.2

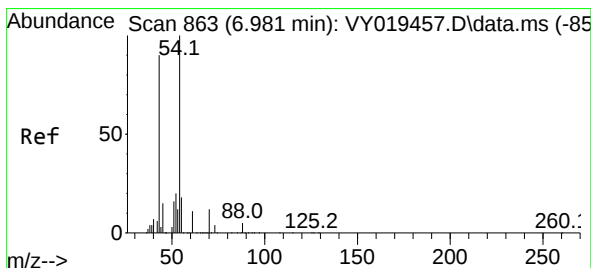
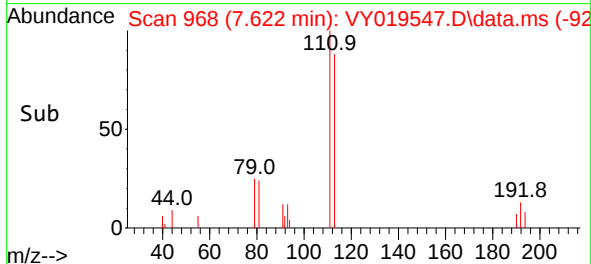
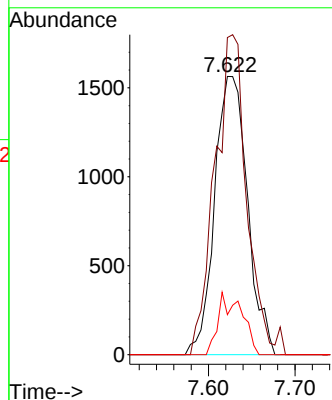
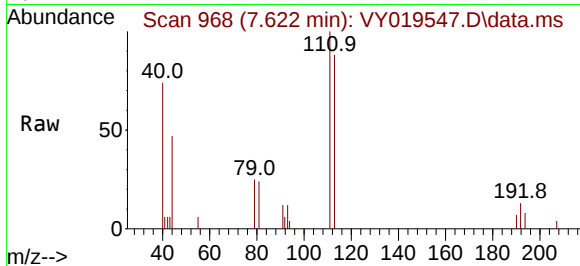




#35
Dibromofluoromethane
Concen: 48.884 ug/l
RT: 7.622 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

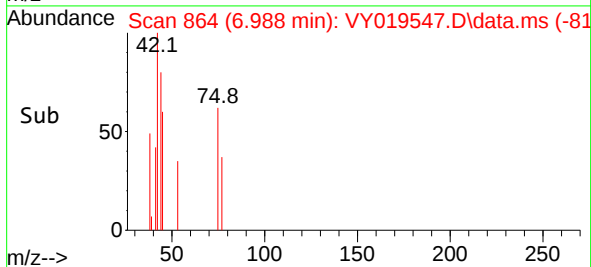
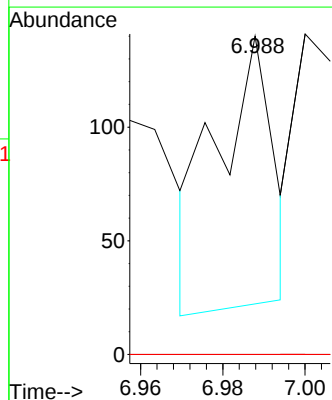
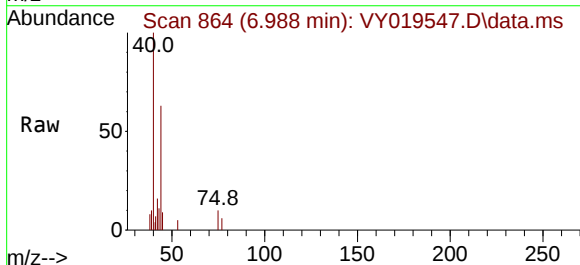
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

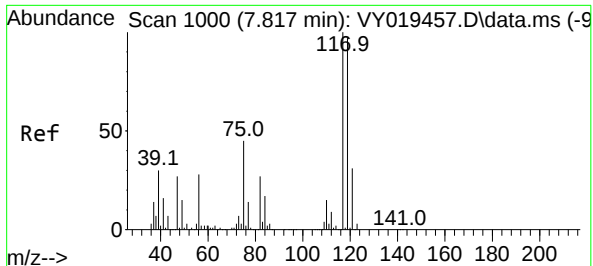
Tgt Ion:113 Resp: 4127
Ion Ratio Lower Upper
113 100
111 110.4 82.2 123.4
192 16.1 15.9 23.9



#37
Ethyl Acetate
Concen: 1.920 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#

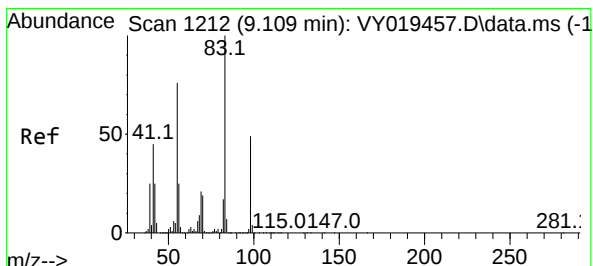
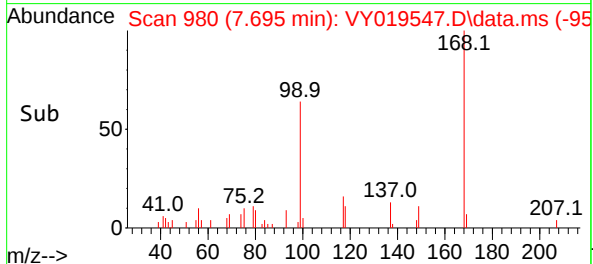
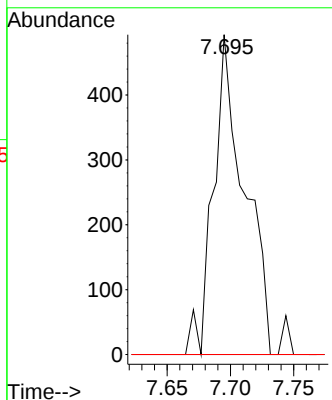
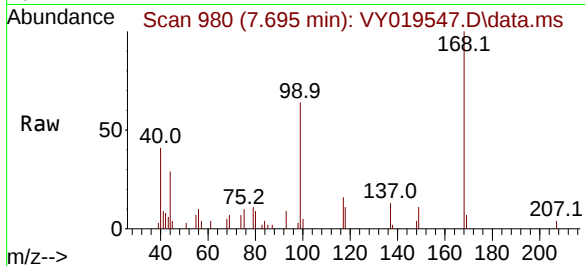




#38
Carbon Tetrachloride
Concen: 6.492 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

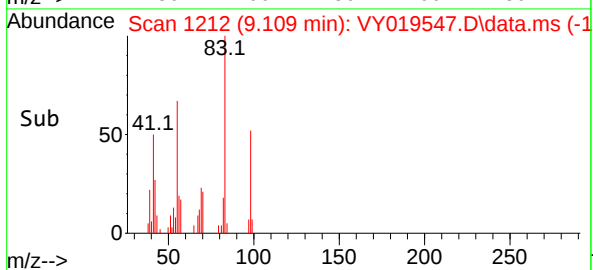
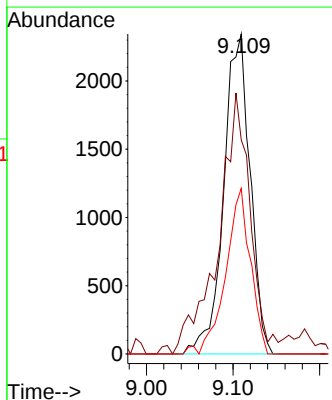
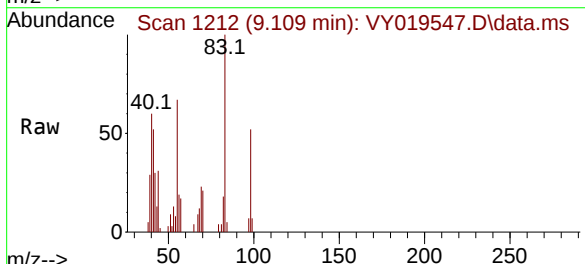
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

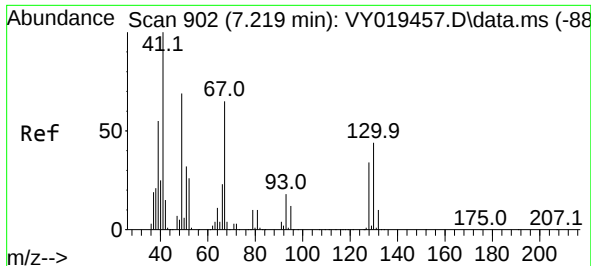
Tgt Ion:117 Resp: 841
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#39
Methylcyclohexane
Concen: 32.484 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 83 Resp: 4966
Ion Ratio Lower Upper
83 100
55 63.8 51.5 77.3
98 51.7 40.5 60.7

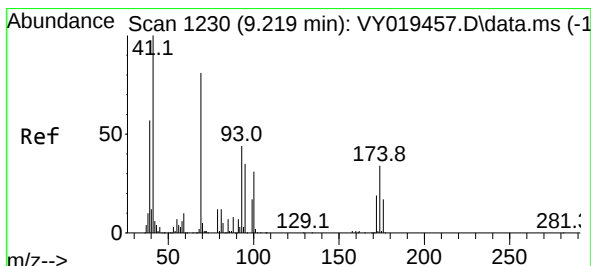
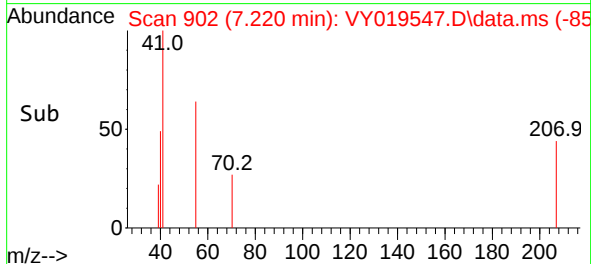
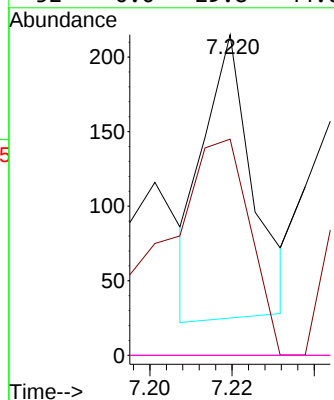
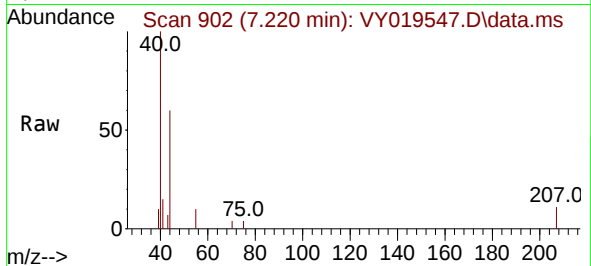




#41
Methacrylonitrile
Concen: 4.576 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

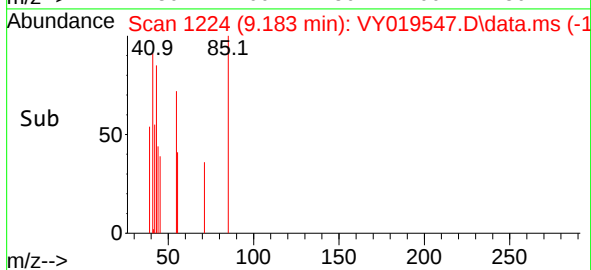
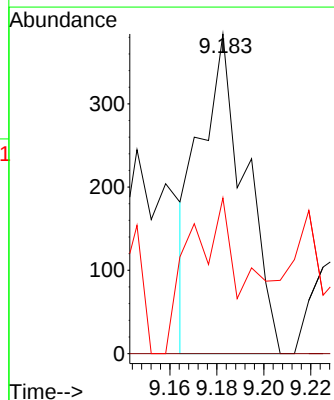
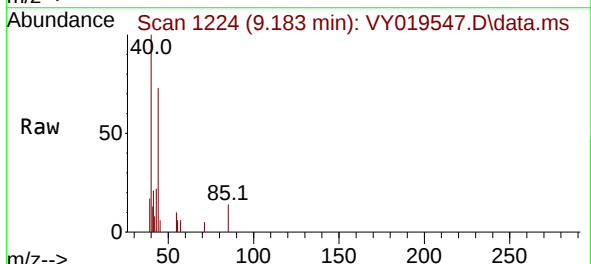
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

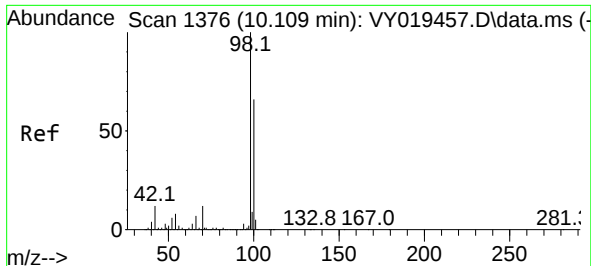
Tgt Ion:	41	Resp:	157
Ion	Ratio	Lower	Upper
41	100		
39	131.8	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#48
Methyl methacrylate
Concen: 8.888 ug/l
RT: 9.183 min Scan# 1224
Delta R.T. -0.036 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion:	41	Resp:	519
Ion	Ratio	Lower	Upper
41	100		
69	0.0	84.1	126.1#
39	58.0	43.6	65.4

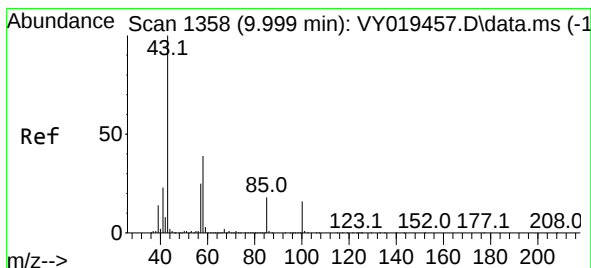
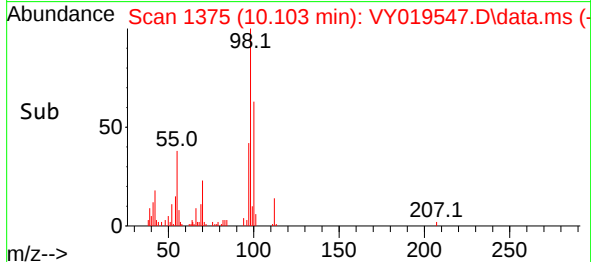
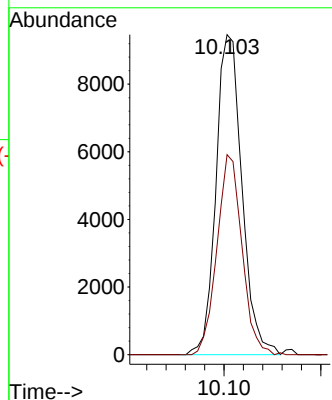
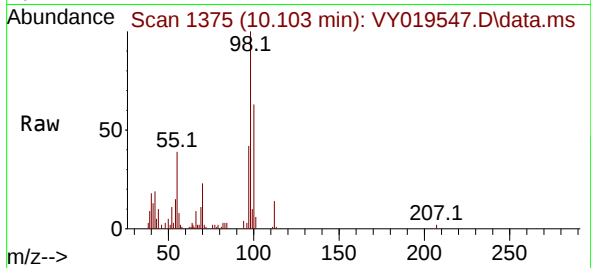




#50
Toluene-d8
Concen: 56.360 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

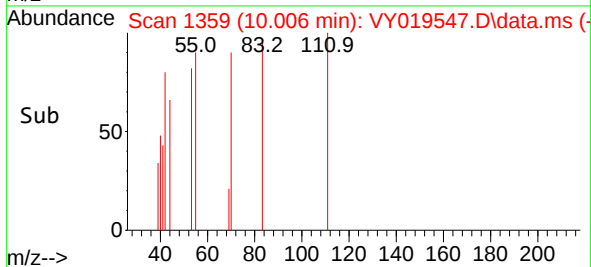
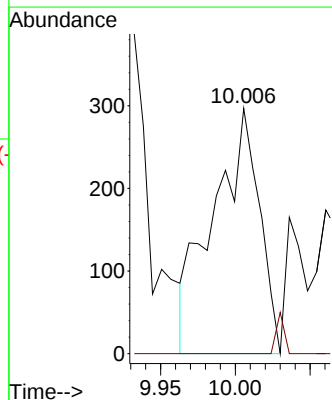
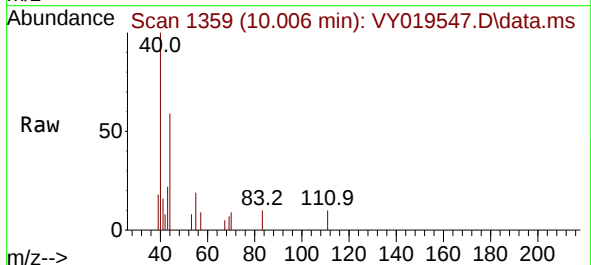
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

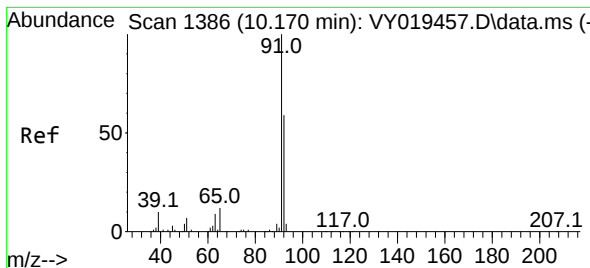
Tgt Ion: 98 Resp: 17599
Ion Ratio Lower Upper
98 100
100 60.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 10.271 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#





#52

Toluene

Concen: 20.276 ug/l

RT: 10.170 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

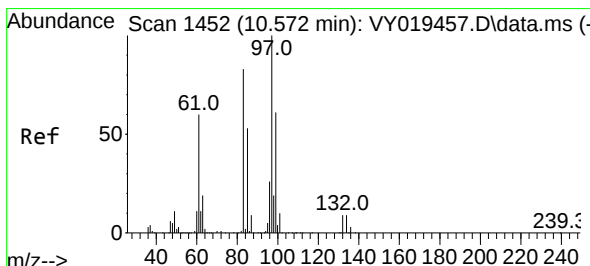
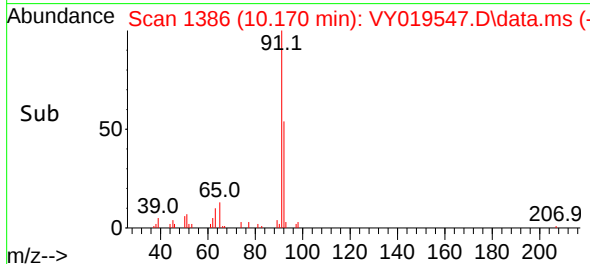
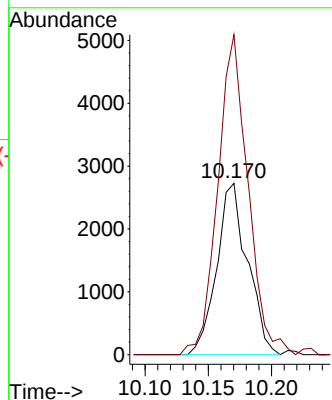
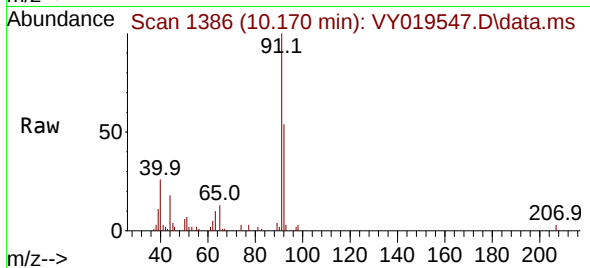
DRUM-COMP

Tgt Ion: 92 Resp: 4614

Ion Ratio Lower Upper

92 100

91 182.9 139.0 208.6



#55

1,1,2-Trichloroethane

Concen: 91.574 ug/l

RT: 10.542 min Scan# 1447

Delta R.T. -0.030 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Tgt Ion: 97 Resp: 5982

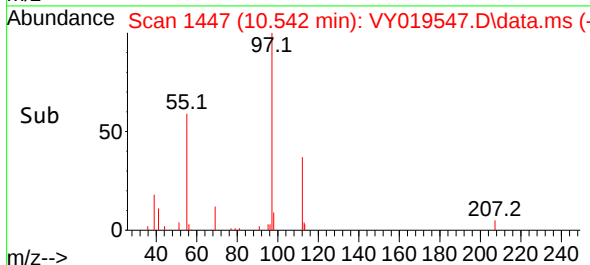
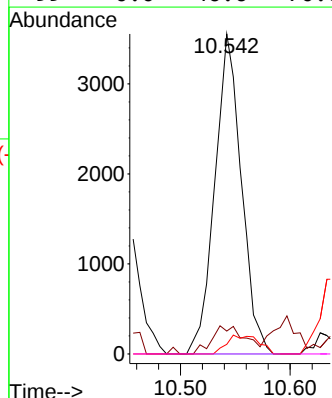
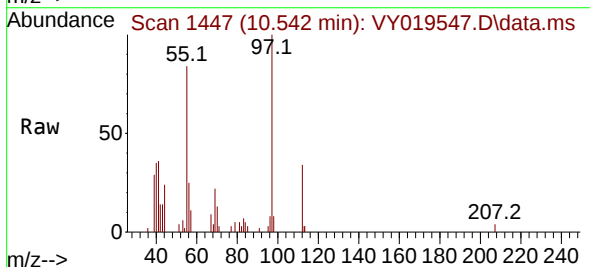
Ion Ratio Lower Upper

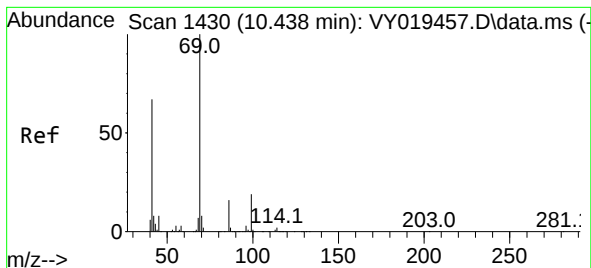
97 100

83 7.1 67.5 101.3#

85 3.0 42.9 64.3#

99 0.0 46.6 70.0#

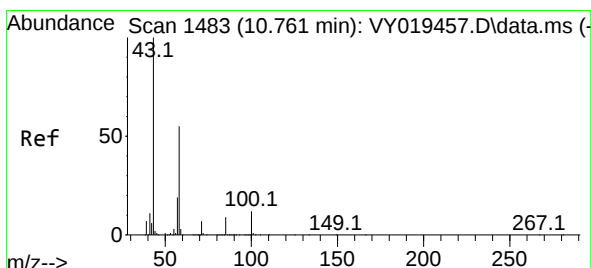
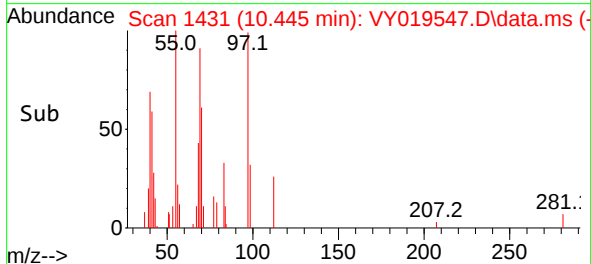
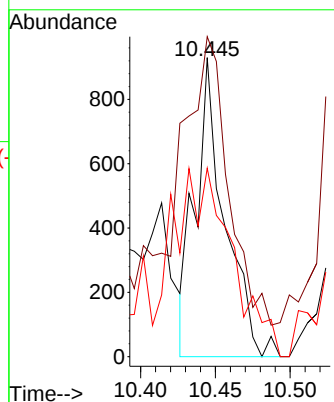
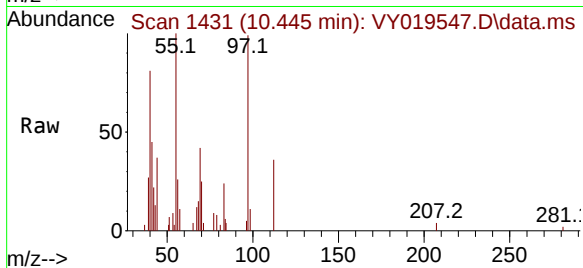




#56
Ethyl methacrylate
Concen: 12.748 ug/l
RT: 10.445 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

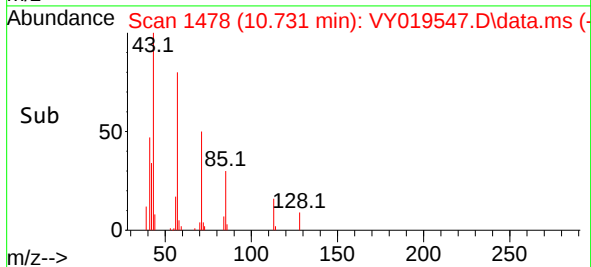
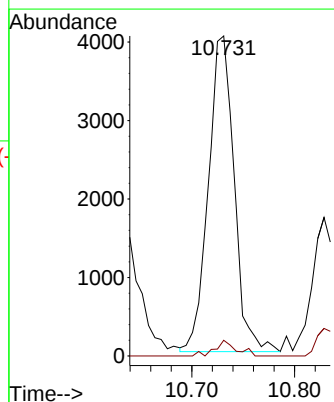
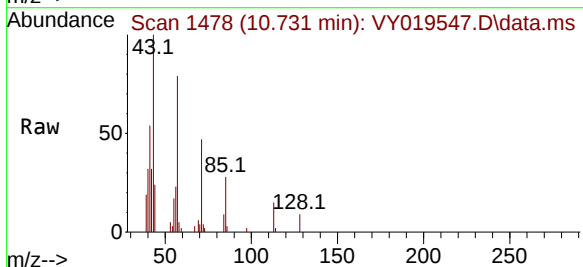
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

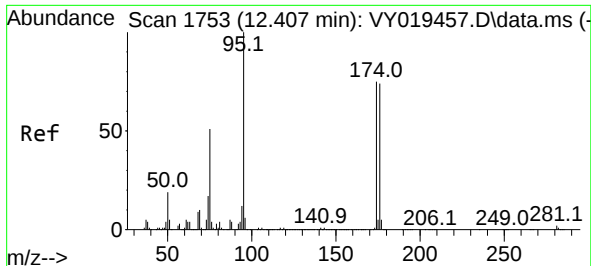
Tgt Ion: 69 Resp: 1265
Ion Ratio Lower Upper
69 100
41 173.8 42.3 63.5#
39 124.7 22.9 34.3#



#59
2-Hexanone
Concen: 153.915 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 43 Resp: 7020
Ion Ratio Lower Upper
43 100
58 4.1 31.4 94.0#

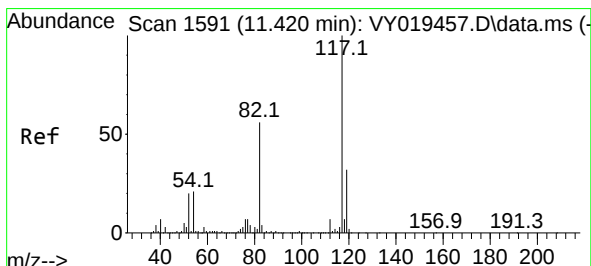
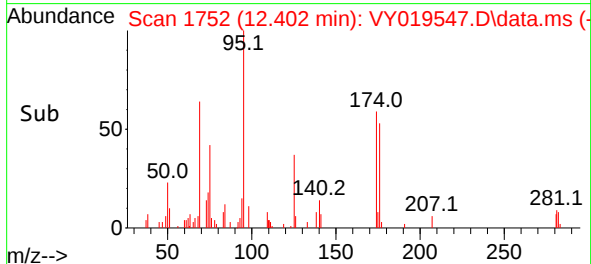
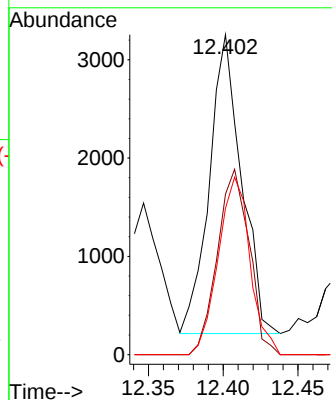
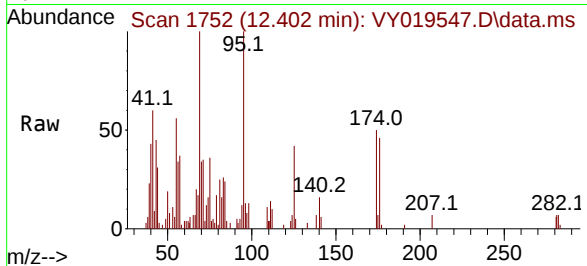




#62
4-Bromofluorobenzene
Concen: 37.829 ug/l
RT: 12.402 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

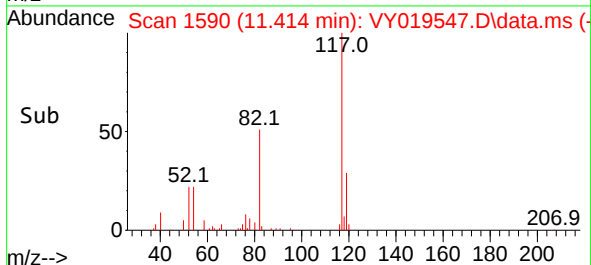
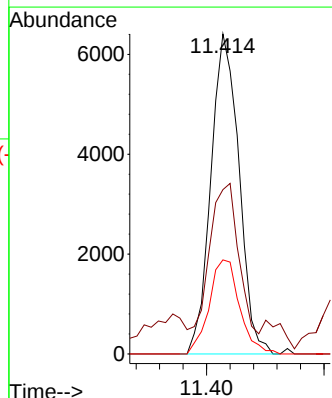
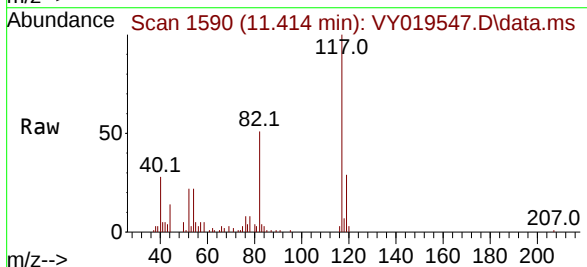
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

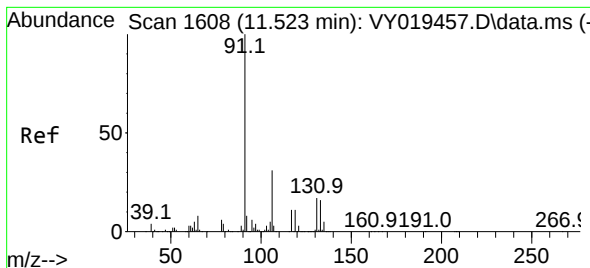
Tgt Ion: 95 Resp: 4542
Ion Ratio Lower Upper
95 100
174 61.3 0.0 175.6
176 59.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 117 Resp: 10643
Ion Ratio Lower Upper
117 100
82 41.8 42.4 63.6#
119 29.4 25.9 38.9





#67

Ethyl Benzene

Concen: 40.313 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

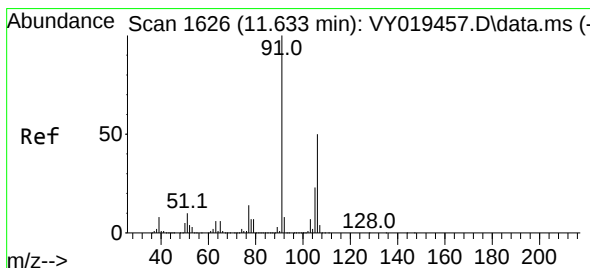
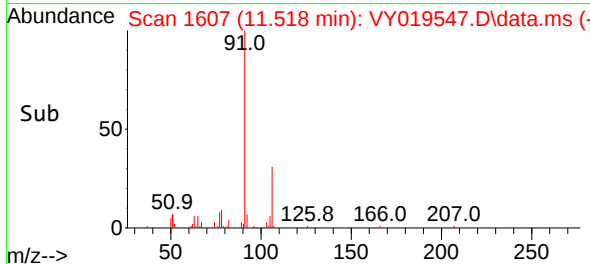
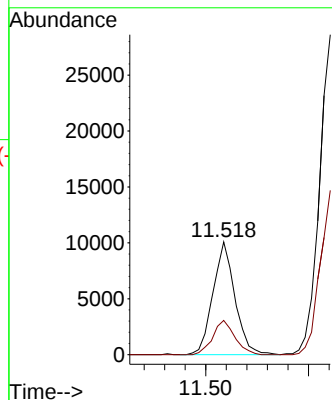
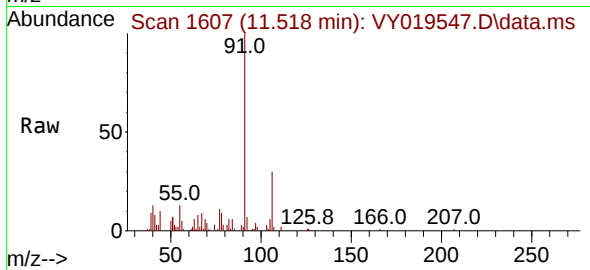
DRUM-COMP

Tgt Ion: 91 Resp: 14996

Ion Ratio Lower Upper

91 100

106 30.4 24.5 36.7



#68

m/p-Xylenes

Concen: 181.761 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY019547.D

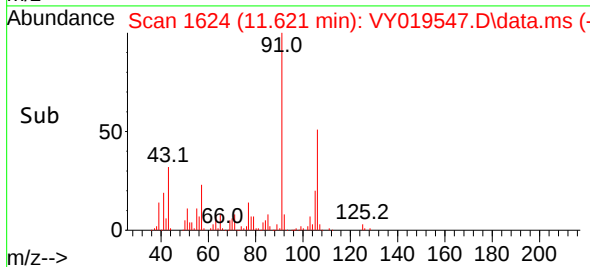
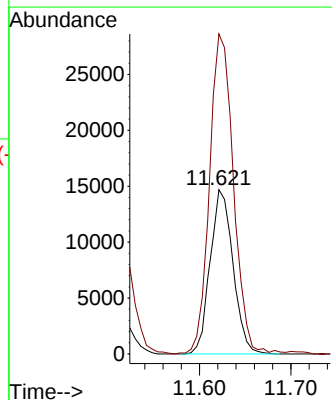
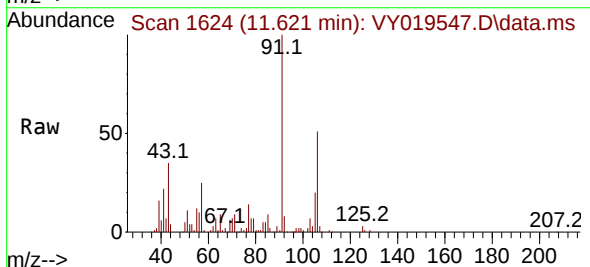
Acq: 13 Sep 2024 18:19

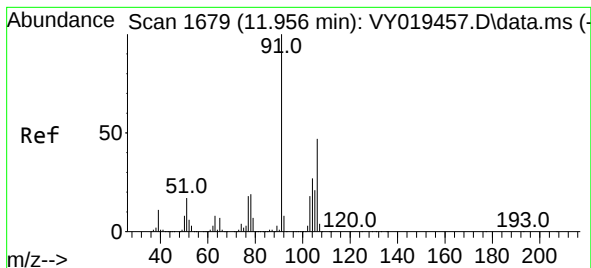
Tgt Ion: 106 Resp: 25566

Ion Ratio Lower Upper

106 100

91 204.2 156.0 234.0





#69

o-Xylene

Concen: 121.403 ug/l

RT: 11.950 min Scan# 1679

Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

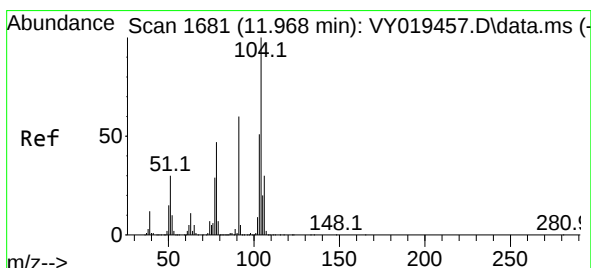
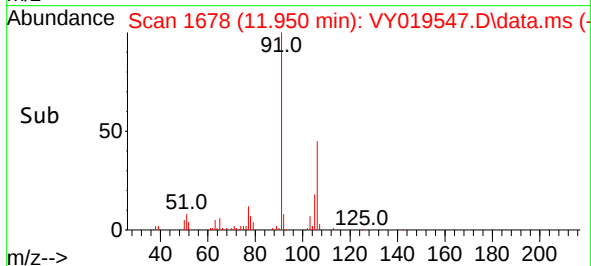
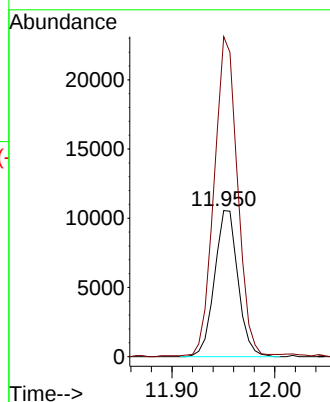
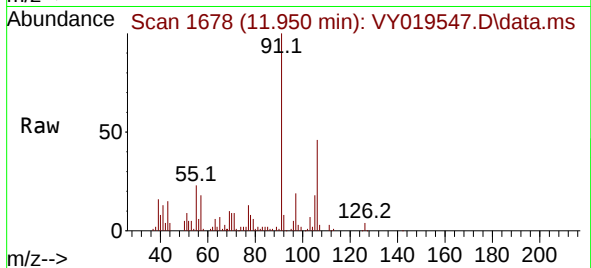
DRUM-COMP

Tgt Ion:106 Resp: 16700

Ion Ratio Lower Upper

106 100

91 220.5 103.6 310.8



#70

Styrene

Concen: 4.211 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. -0.012 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

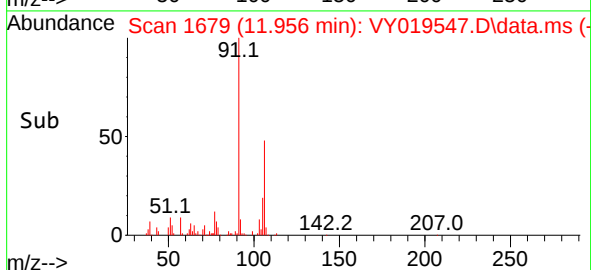
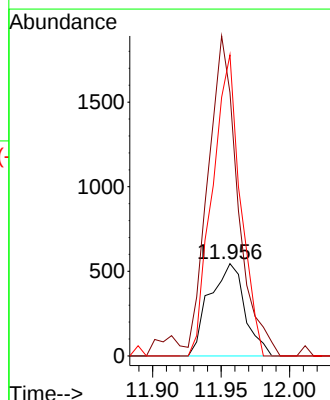
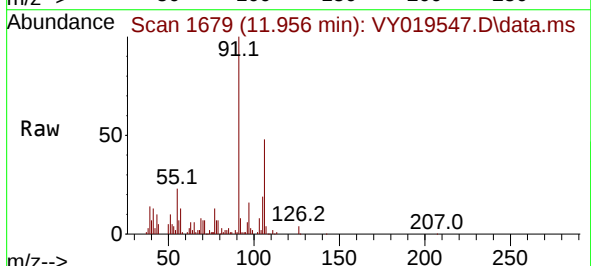
Tgt Ion:104 Resp: 978

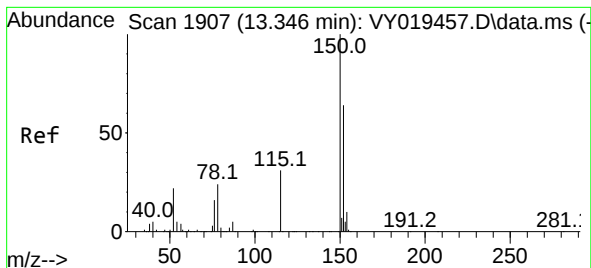
Ion Ratio Lower Upper

104 100

78 295.2 37.0 55.4#

103 260.8 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP

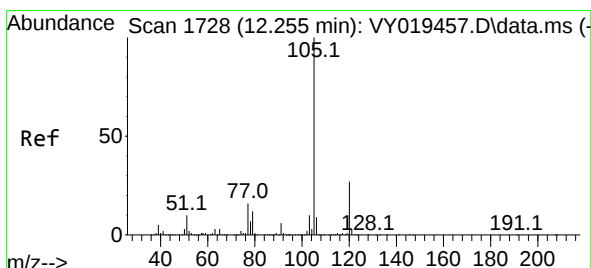
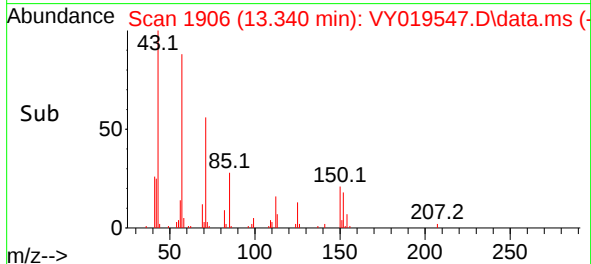
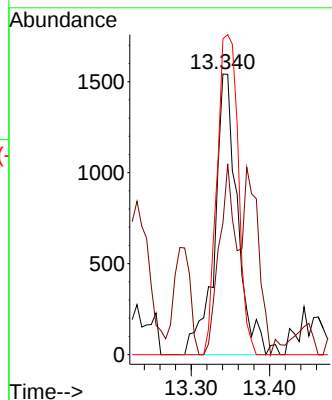
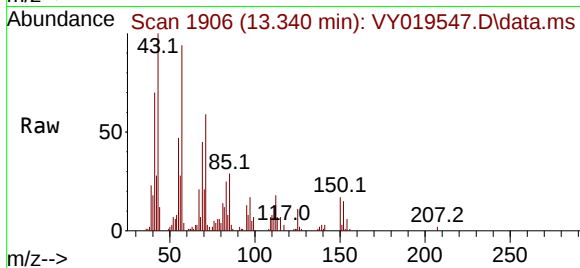
Tgt Ion:152 Resp: 3139

Ion Ratio Lower Upper

152 100

115 46.8 28.2 84.7

150 105.5 0.0 345.6



#73

Isopropylbenzene

Concen: 23.146 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019547.D

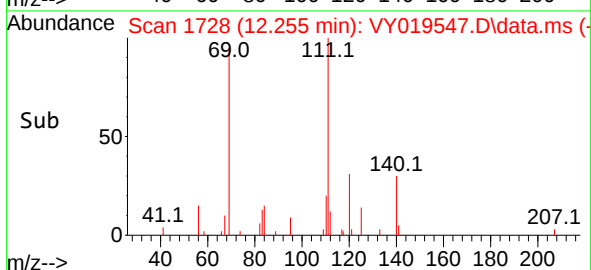
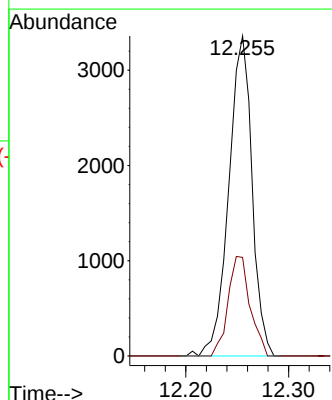
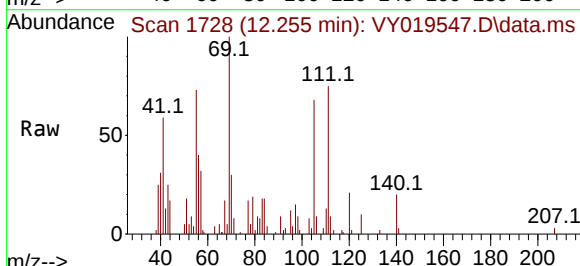
Acq: 13 Sep 2024 18:19

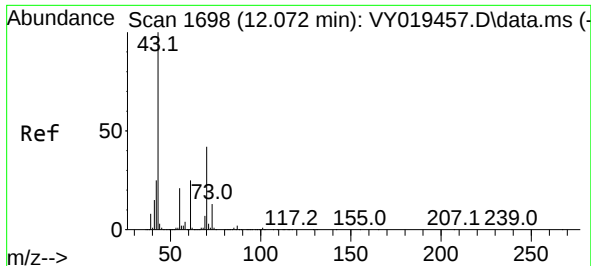
Tgt Ion:105 Resp: 5271

Ion Ratio Lower Upper

105 100

120 29.5 13.4 40.1

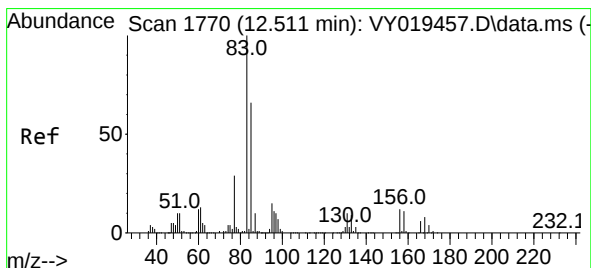
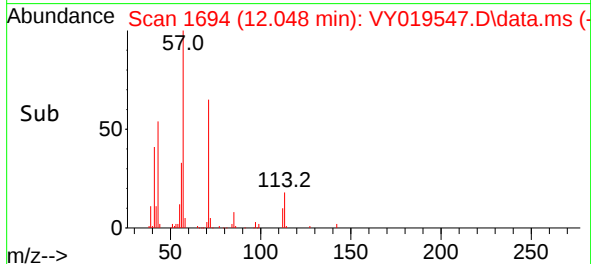
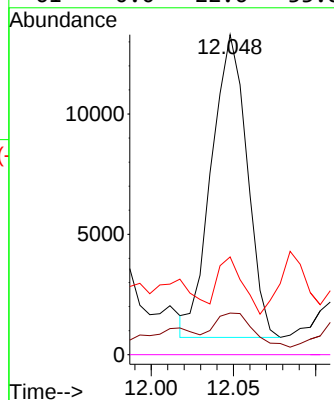
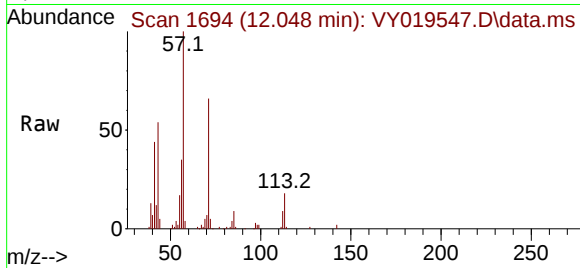




#74
N-amy1 acetate
Concen: 305.781 ug/l
RT: 12.048 min Scan# 1
Delta R.T. -0.024 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

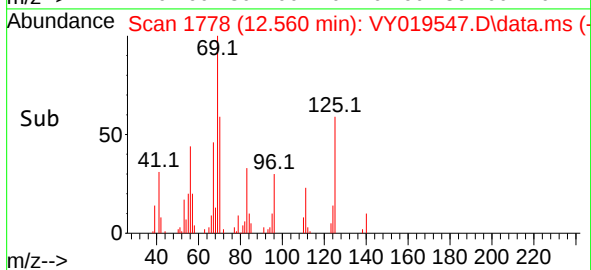
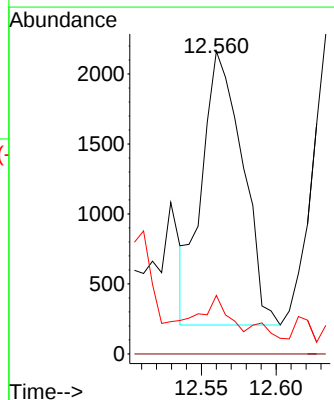
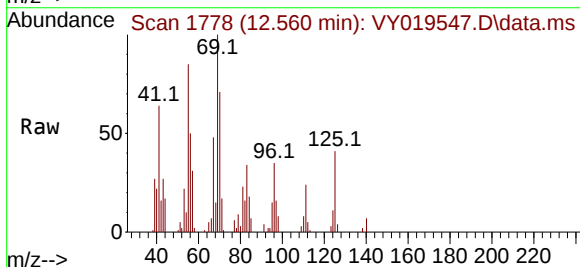
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

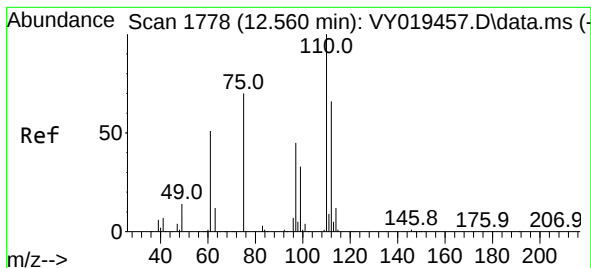
Tgt Ion: 43	Resp: 18938
Ion Ratio	Lower Upper
43 100	
70 12.3	41.4 62.2#
55 12.8	23.3 34.9#
61 0.0	22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 91.836 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.049 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 83	Resp: 3712
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 14.9#
85 0.0	32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 2.855 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.043 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

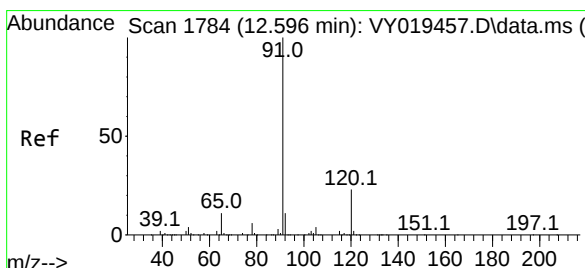
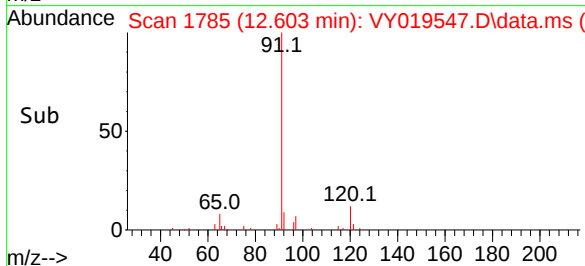
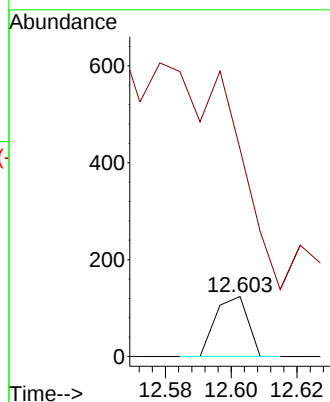
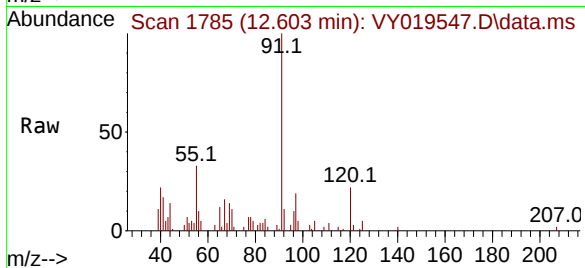
DRUM-COMP

Tgt Ion: 75 Resp: 84

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#78

n-propylbenzene

Concen: 49.664 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019547.D

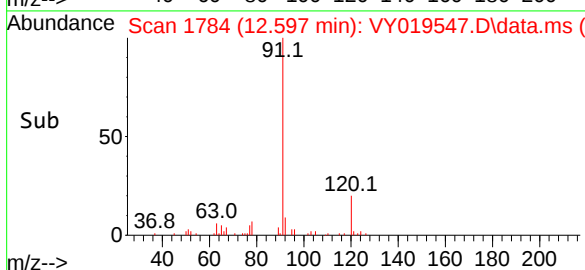
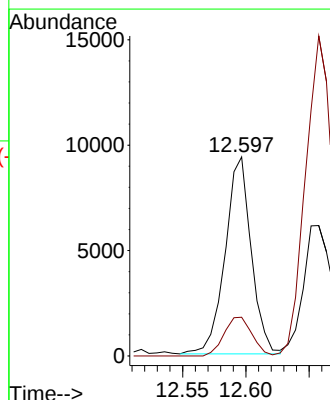
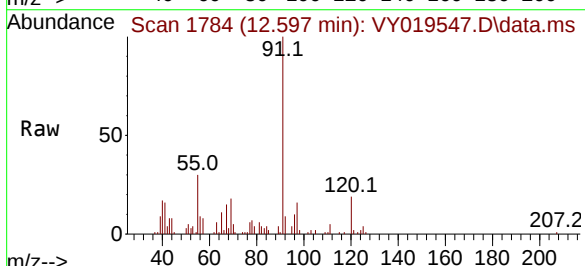
Acq: 13 Sep 2024 18:19

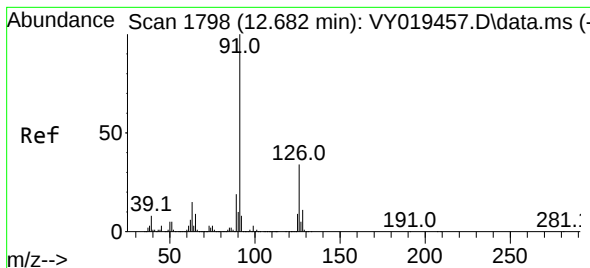
Tgt Ion: 91 Resp: 13405

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4

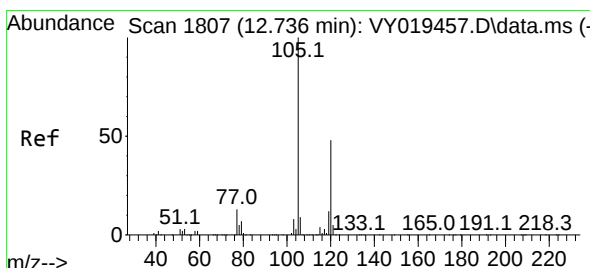
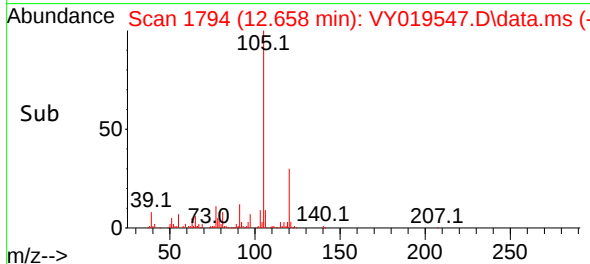
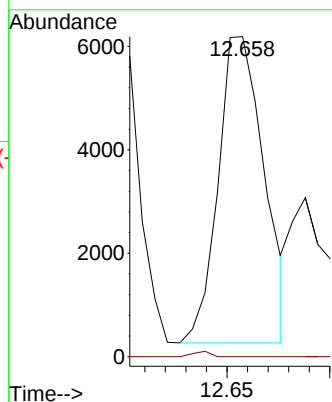
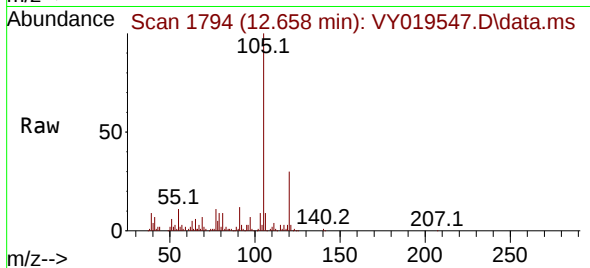




#79
2-Chlorotoluene
Concen: 58.500 ug/l
RT: 12.658 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

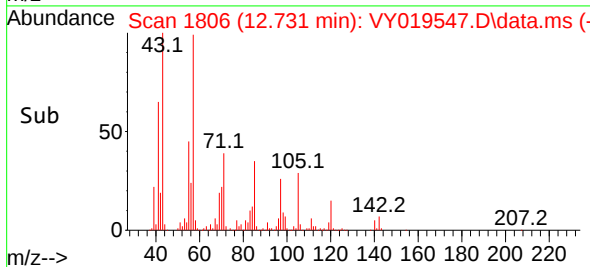
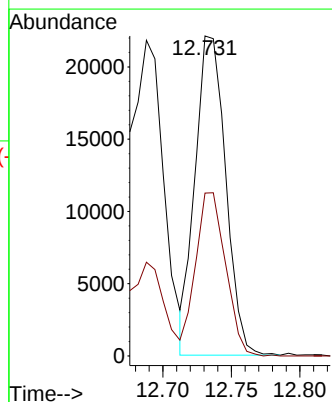
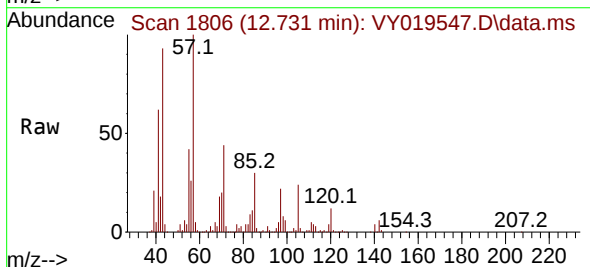
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

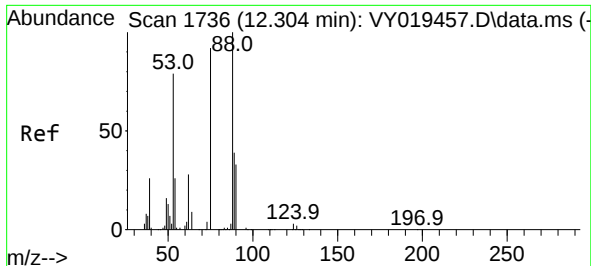
Tgt Ion: 91 Resp: 9202
Ion Ratio Lower Upper
91 100
126 0.7 17.8 53.5#



#80
1,3,5-Trimethylbenzene
Concen: 185.150 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 105 Resp: 34277
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.2

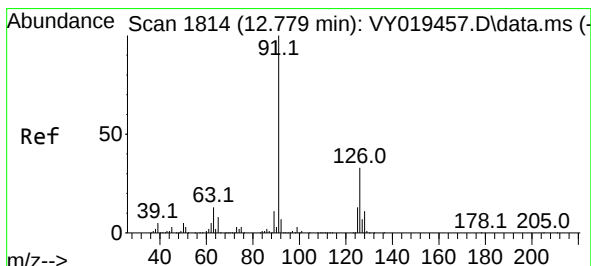
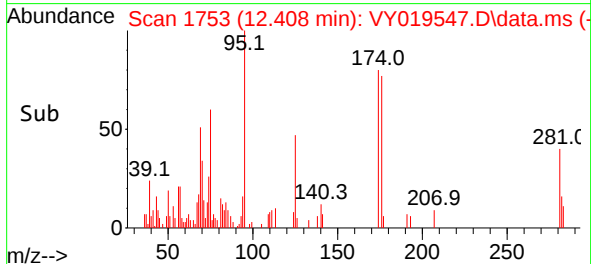
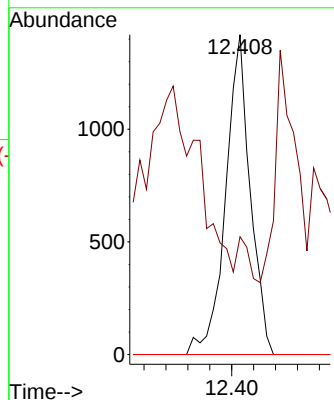
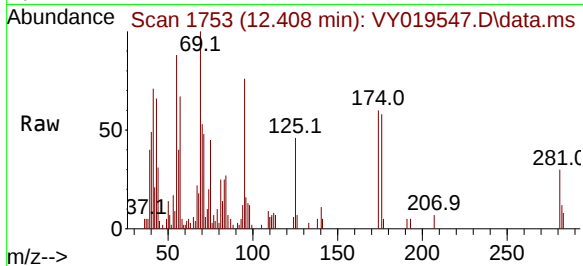




#81
trans-1,4-Dichloro-2-butene
Concen: 143.938 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

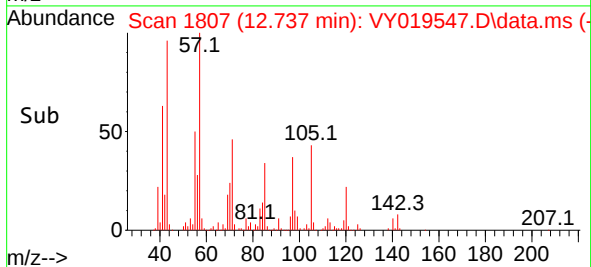
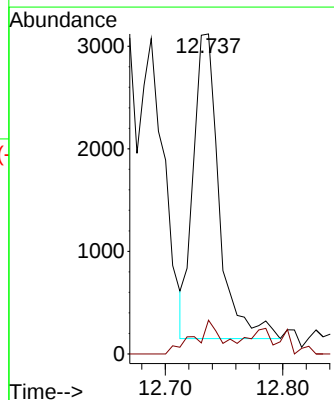
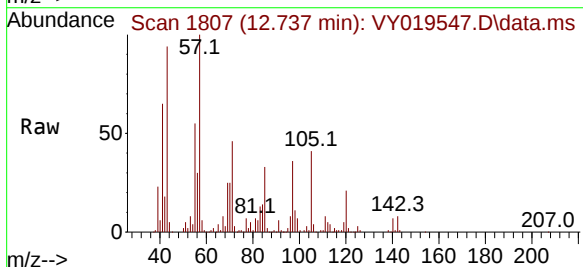
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

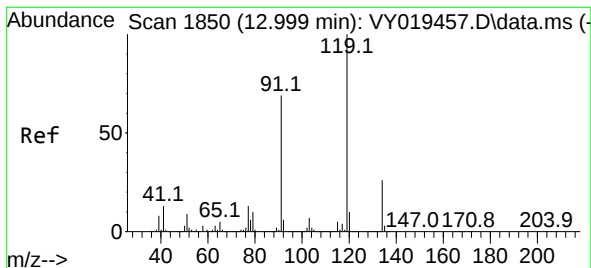
Tgt Ion: 75 Resp: 2206
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 28.024 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.042 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 91 Resp: 4532
Ion Ratio Lower Upper
91 100
126 12.0 17.6 52.9#





#83

tert-Butylbenzene

Concen: 68.050 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.043 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP

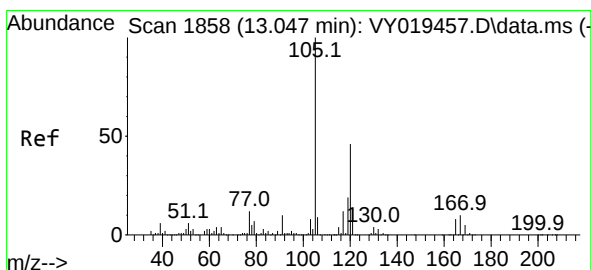
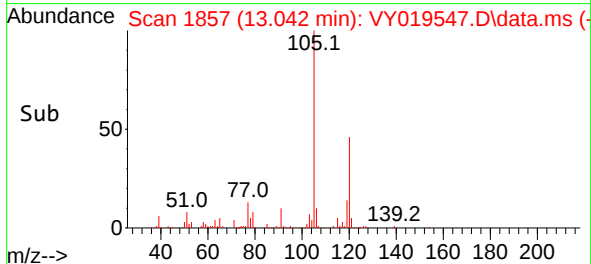
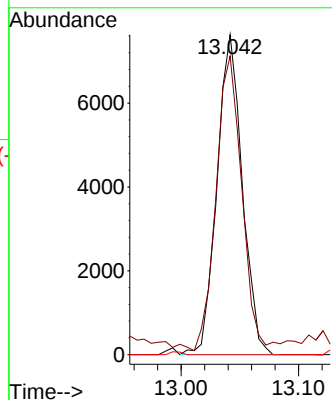
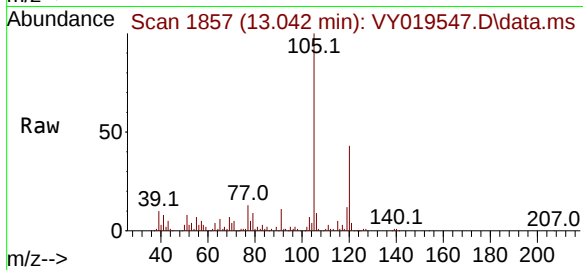
Tgt Ion:119 Resp: 11405

Ion Ratio Lower Upper

119 100

91 90.5 31.3 93.8

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 518.514 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019547.D

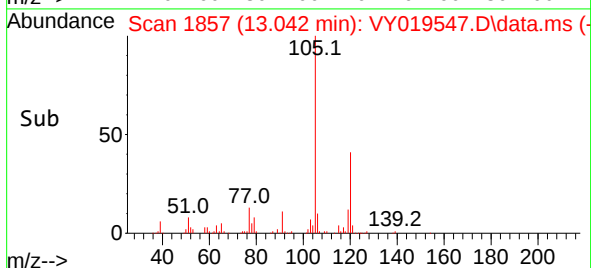
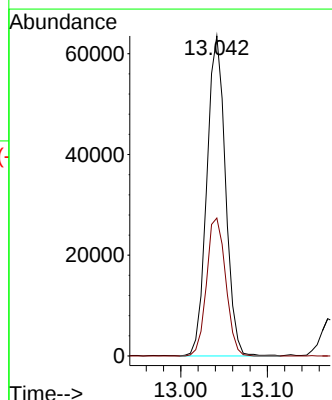
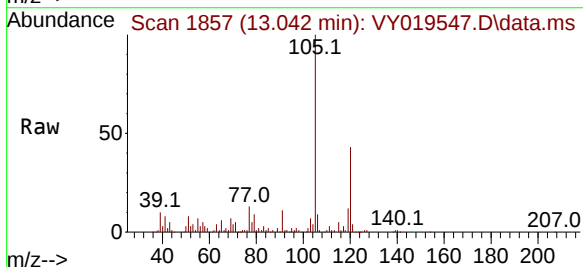
Acq: 13 Sep 2024 18:19

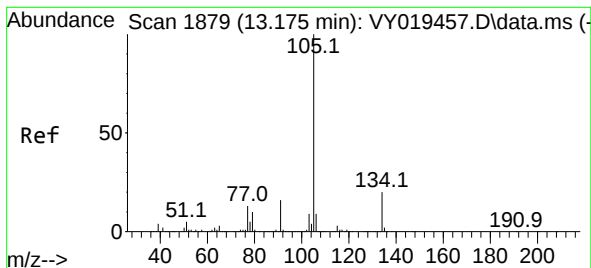
Tgt Ion:105 Resp: 95020

Ion Ratio Lower Upper

105 100

120 44.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 44.830 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

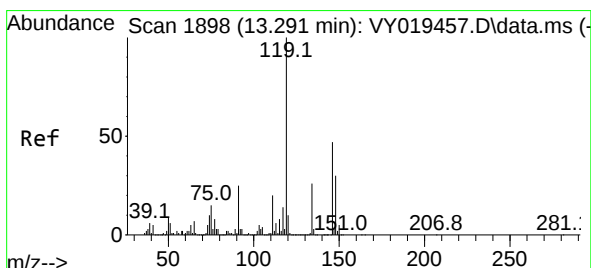
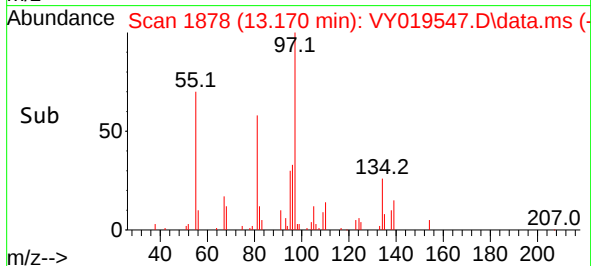
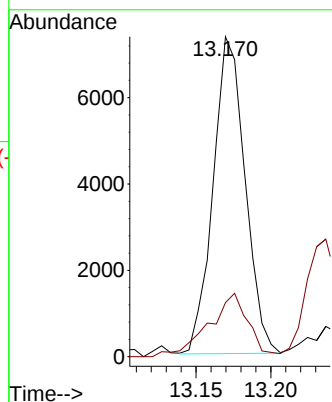
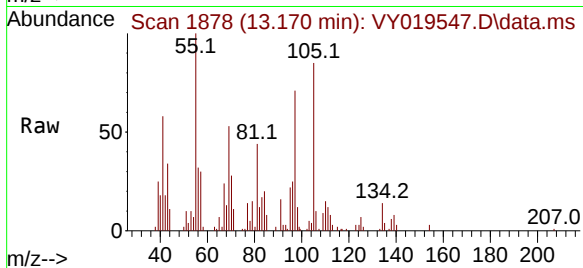
DRUM-COMP

Tgt Ion:105 Resp: 10915

Ion Ratio Lower Upper

105 100

134 24.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 39.428 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019547.D

Acq: 13 Sep 2024 18:19

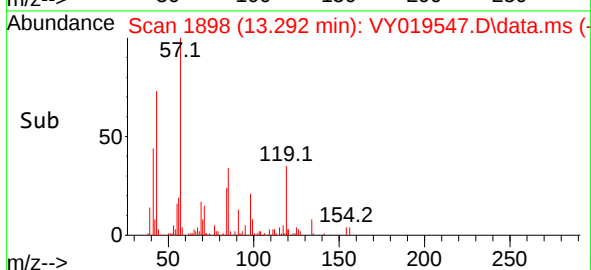
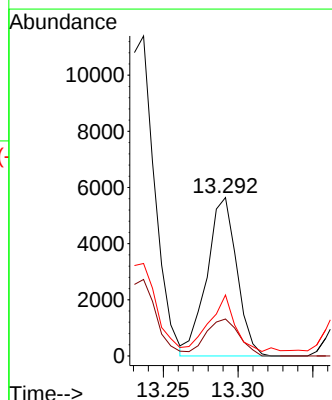
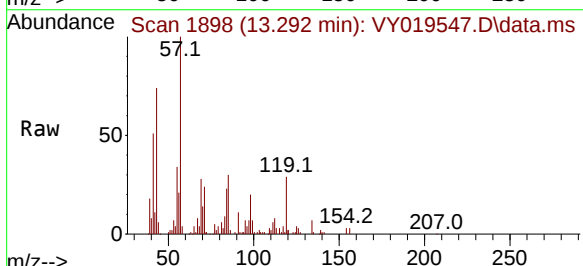
Tgt Ion:119 Resp: 7854

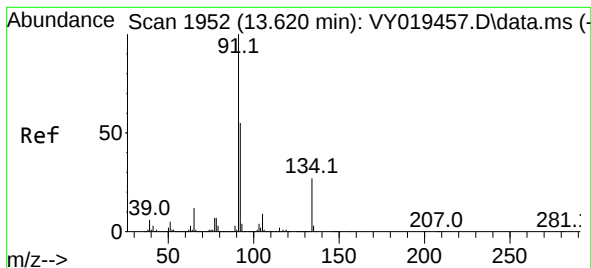
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 29.1 10.7 32.1

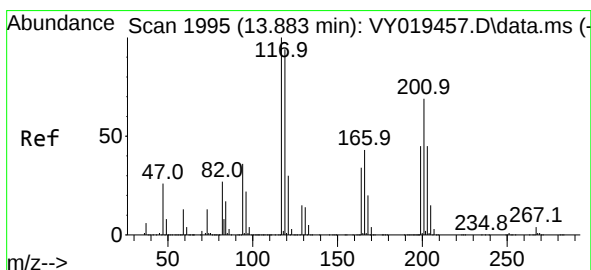
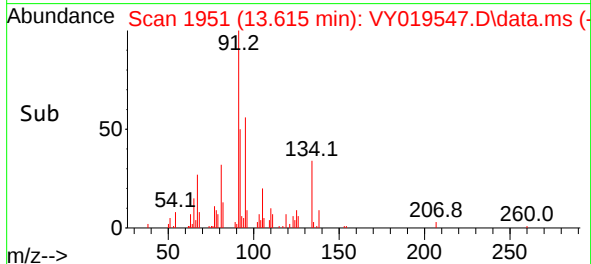
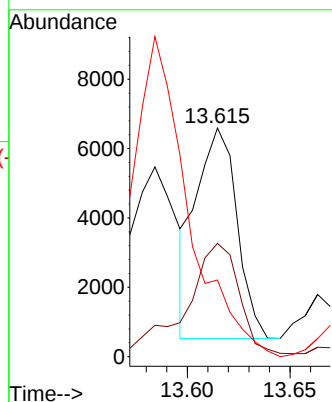
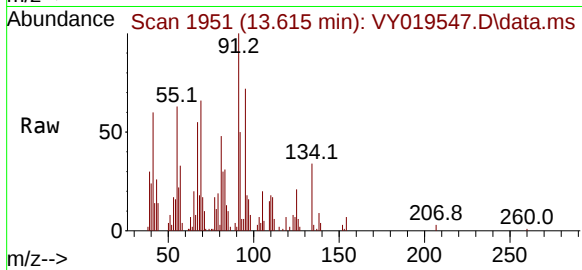




#89
n-Butylbenzene
Concen: 43.737 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

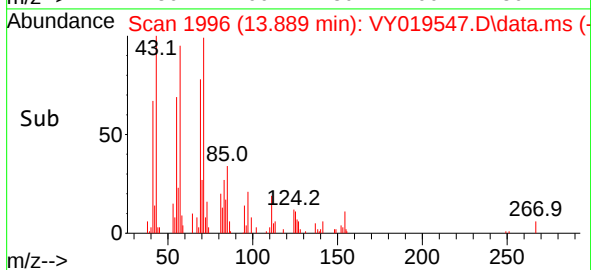
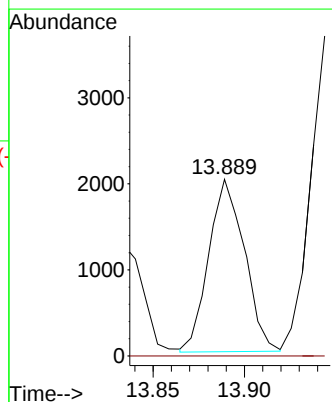
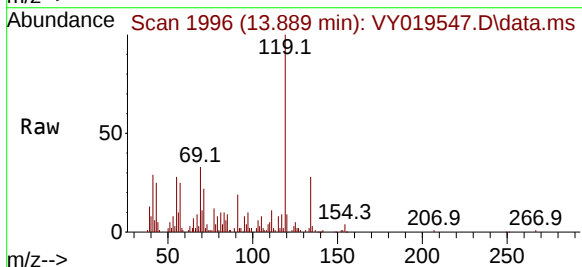
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-COMP

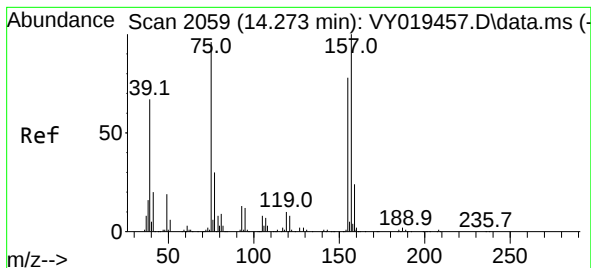
Tgt Ion: 91 Resp: 8329
Ion Ratio Lower Upper
91 100
92 66.5 26.6 79.7
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 65.745 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY019547.D
Acq: 13 Sep 2024 18:19

Tgt Ion: 117 Resp: 2725
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#

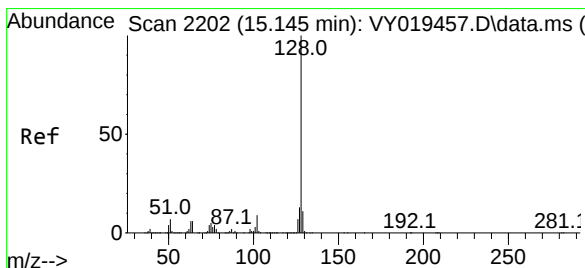
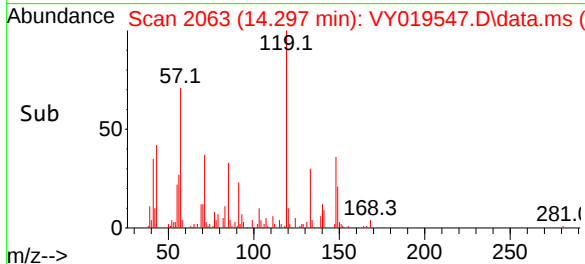
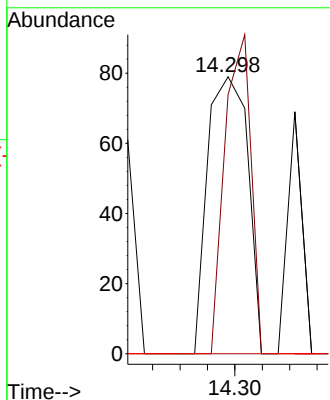
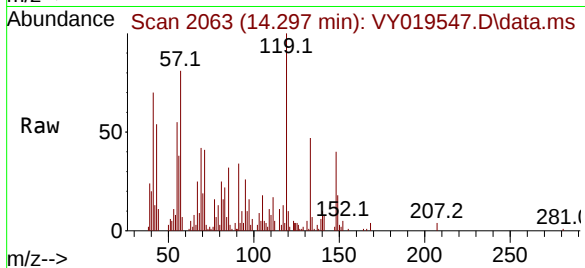




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.876 ug/l
 RT: 14.297 min Scan# 2059
 Delta R.T. 0.025 min
 Lab File: VY019547.D
 Acq: 13 Sep 2024 18:19

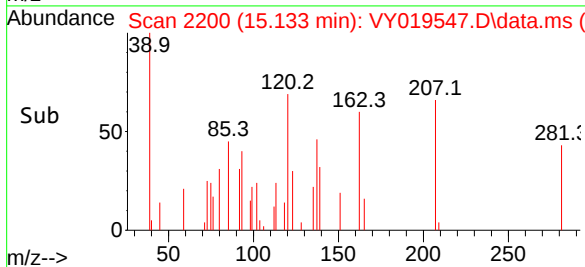
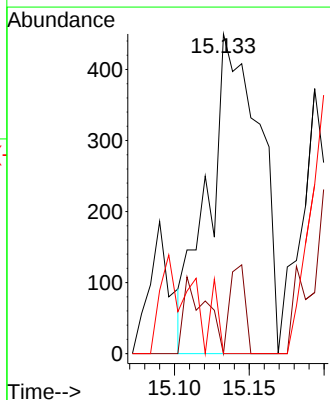
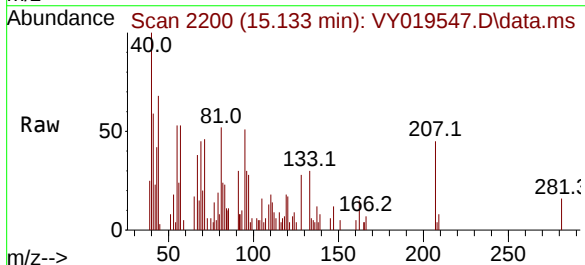
Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-COMP

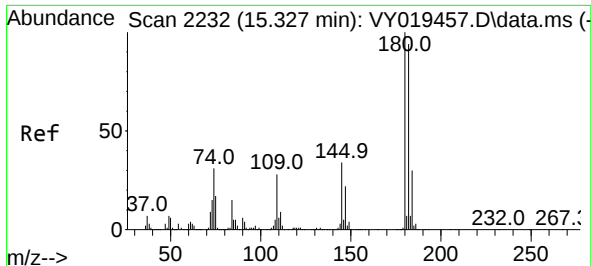
Tgt Ion: 75 Resp: 80
 Ion Ratio Lower Upper
 75 100
 155 75.0 48.6 145.8
 157 0.0 62.7 188.2#



#95
 Naphthalene
 Concen: 9.966 ug/l
 RT: 15.133 min Scan# 2200
 Delta R.T. -0.012 min
 Lab File: VY019547.D
 Acq: 13 Sep 2024 18:19

Tgt Ion: 128 Resp: 1063
 Ion Ratio Lower Upper
 128 100
 127 8.3 10.6 16.0#
 129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 5.202 ug/l

RT: 15.346 min Scan# 21

Delta R.T. 0.019 min

Lab File: VY019547.D

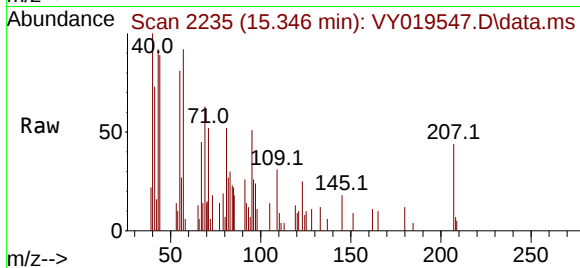
Acq: 13 Sep 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-COMP



Tgt Ion:180 Resp: 237

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.9#

145 0.0 15.4 46.1#

