

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007947.D
 Acq On : 21 Mar 2022 12:18
 Operator : SY/MD
 Sample : N1951-03RE
 Misc : 6.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(10-15)-3-12-22RE

Quant Time: Mar 21 16:03:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1807	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1151	64.669	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.340%	
35) Dibromofluoromethane	7.710	113	815	39.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.020%	
50) Toluene-d8	10.179	98	3330	53.173	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.483	95	1170	39.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.040%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	169	8.526	ug/l	# 44
4) Vinyl Chloride	2.296	62	21	Below Cal	#	43
5) Bromomethane	2.674	94	80	2.222	ug/l	# 38
10) Methyl Iodide	4.076	142	103	6.028	ug/l	# 35
12) 1,1-Dichloroethene	3.844	96	65	3.835	ug/l	# 1
13) Acrolein	3.887	56	25	20.018	ug/l	# 38
14) Allyl chloride	4.454	41	84	2.946	ug/l	# 22
15) Acrylonitrile	5.259	53	42	7.419	ug/l	# 17
16) Acetone	3.942	43	1749	370.423	ug/l	# 83
17) Carbon Disulfide	4.204	76	65	Below Cal	#	75
18) Methyl Acetate	4.485	43	197	13.287	ug/l	# 56
19) Methyl tert-butyl Ether	5.204	73	75	1.411	ug/l	# 28
20) Methylene Chloride	4.722	84	41	Below Cal	#	49
21) trans-1,2-Dichloroethene	5.228	96	207	10.908	ug/l	# 1
22) Diisopropyl ether	6.082	45	87	1.418	ug/l	# 68
23) Vinyl Acetate	6.064	43	97	2.525	ug/l	# 75
25) 2-Butanone	6.996	43	944	124.819	ug/l	# 54
29) Tetrahydrofuran	7.368	42	42	8.667	ug/l	# 38
31) Cyclohexane	7.801	56	25	Below Cal	#	17
32) 1,1,1-Trichloroethane	7.673	97	54	1.679	ug/l	# 23
37) Ethyl Acetate	7.076	43	94	4.971	ug/l	# 72
38) Carbon Tetrachloride	7.795	117	46	1.389	ug/l	# 11
41) Methacrylonitrile	7.326	41	110	9.433	ug/l	# 91
43) Isopropyl Acetate	8.277	43	151	4.142	ug/l	# 56
48) Methyl methacrylate	9.252	41	73	4.502	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.057	43	376	19.577	ug/l	# 40
55) 1,1,2-Trichloroethane	10.624	97	225	11.290	ug/l	# 15
56) Ethyl methacrylate	10.526	69	108	3.775	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.801	63	27	1.924	ug/l	# 48
59) 2-Hexanone	10.794	43	1079	78.563	ug/l	# 28
65) Chlorobenzene	11.514	112	106	2.449	ug/l	# 42
67) Ethyl Benzene	11.599	91	218	2.827	ug/l	# 44
68) m/p-Xylenes	11.697	106	225	7.480	ug/l	# 90
69) o-Xylene	12.020	106	41	1.409	ug/l	# 1
70) Styrene	12.050	104	69	1.411	ug/l	# 36
73) Isopropylbenzene	12.331	105	545	17.947	ug/l	# 88

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

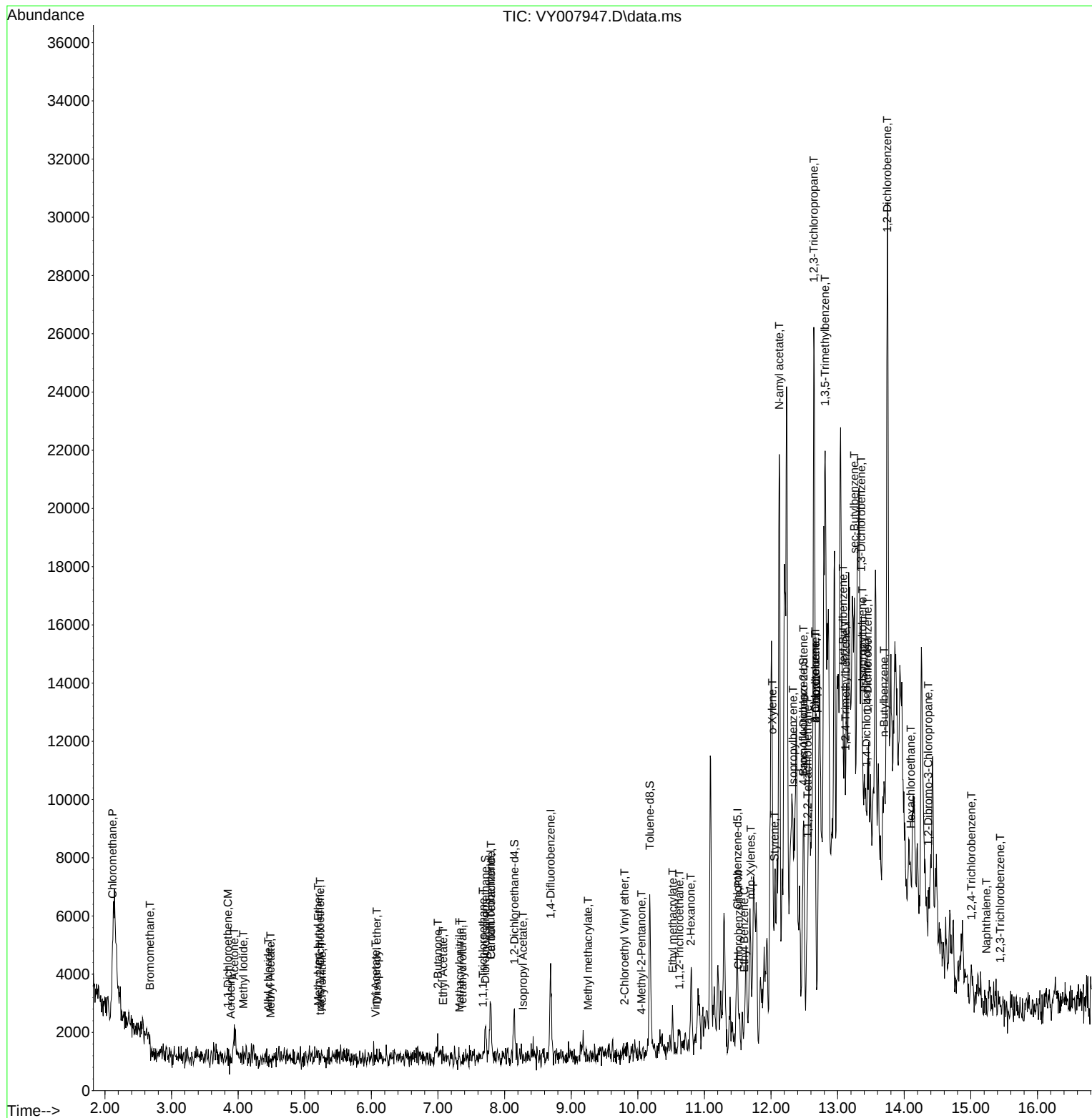
74) N-amyl acetate	12.123	43	4479	499.927	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.550	83	689	105.403	ug/l #	26
76) 1,2,3-Trichloropropane	12.642	75	22	4.474	ug/l #	100
78) n-propylbenzene	12.666	91	841	22.934	ug/l	88
79) 2-Chlorotoluene	12.666	91	841	40.764	ug/l	86
80) 1,3,5-Trimethylbenzene	12.812	105	414	16.578	ug/l #	35
81) trans-1,4-Dichloro-2-b...	12.489	75	225	96.106	ug/l #	55
82) 4-Chlorotoluene	12.666	91	841	39.240	ug/l	86
83) tert-Butylbenzene	13.081	119	367	16.422	ug/l	81
84) 1,2,4-Trimethylbenzene	13.117	105	287	11.724	ug/l #	31
85) sec-Butylbenzene	13.251	105	1837	54.849	ug/l #	76
86) p-Isopropyltoluene	13.373	119	433	15.925	ug/l #	51
87) 1,3-Dichlorobenzene	13.355	146	49	3.615	ug/l #	1
88) 1,4-Dichlorobenzene	13.452	146	70	5.153	ug/l #	1
89) n-Butylbenzene	13.696	91	551	21.117	ug/l #	55
90) Hexachloroethane	14.099	117	44	8.108	ug/l #	6
91) 1,2-Dichlorobenzene	13.745	146	20	1.641	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19	16.895	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.007	180	79	10.251	ug/l #	13
95) Naphthalene	15.233	128	308	17.914	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.440	180	53	7.798	ug/l #	78

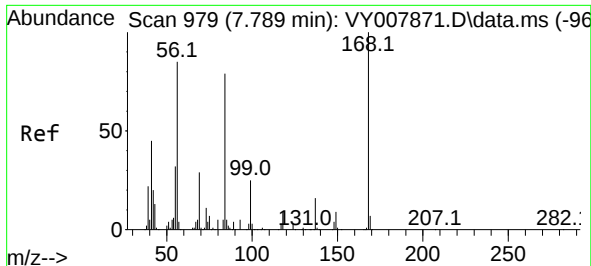
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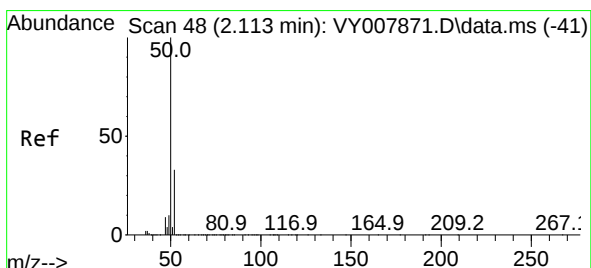
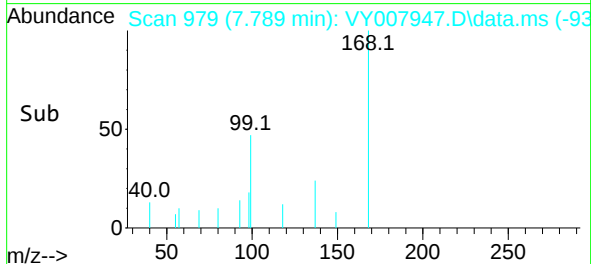
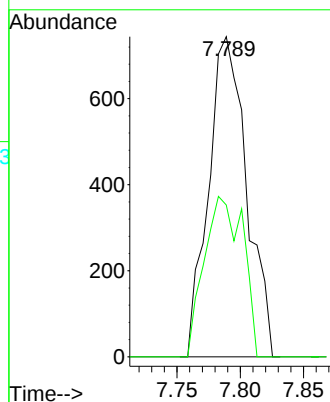
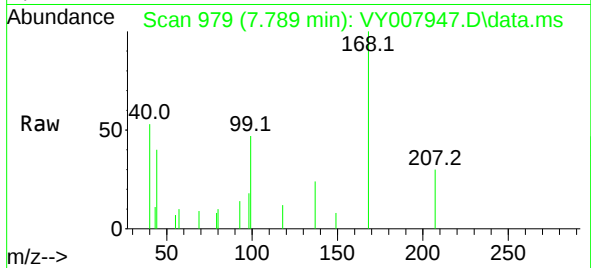




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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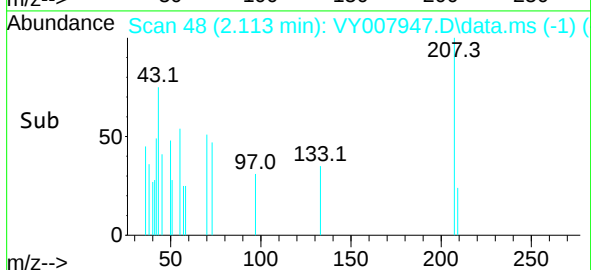
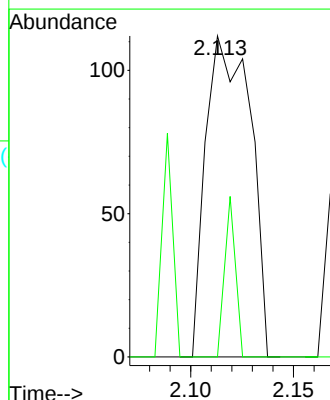
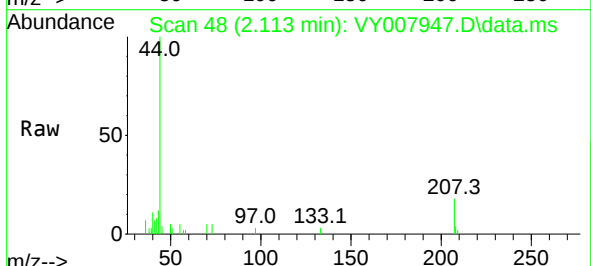
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

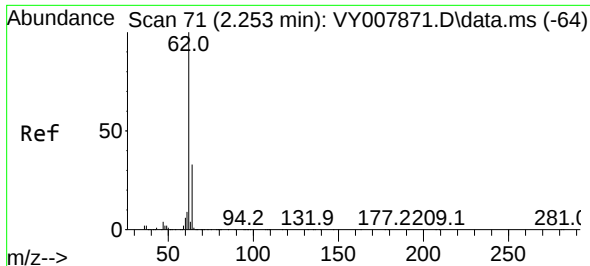
Tgt Ion:168 Resp: 1561
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#3
Chloromethane
Concen: 8.526 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 50 Resp: 169
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

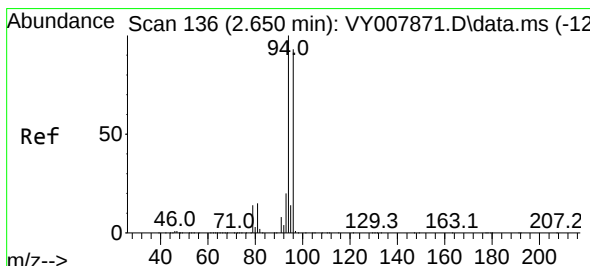
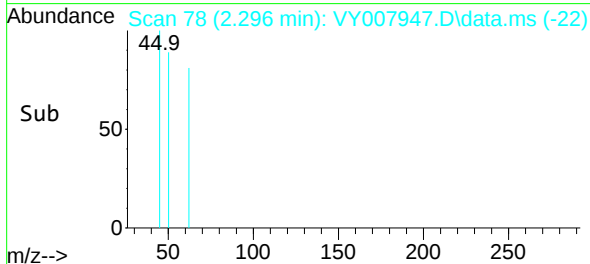
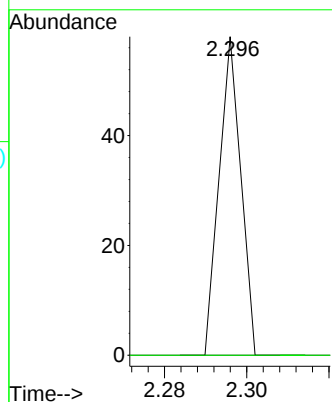
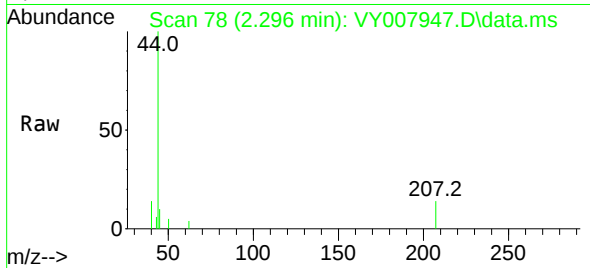




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.296 min Scan# 71
 Delta R.T. 0.042 min
 Lab File: VY007947.D
 Acq: 21 Mar 2022 12:18

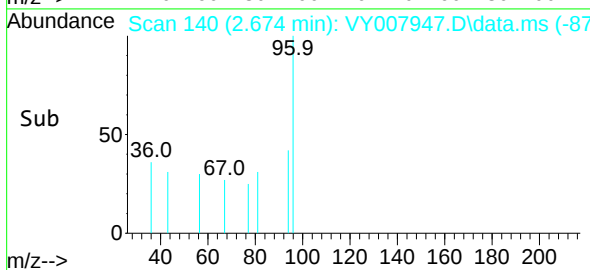
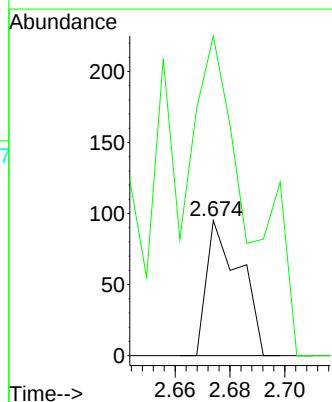
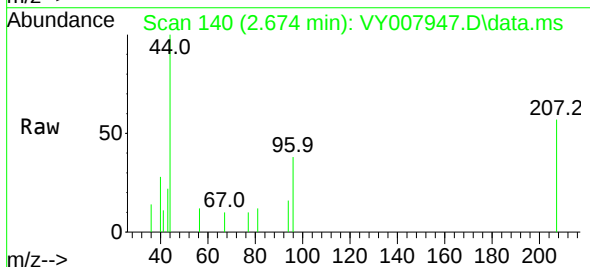
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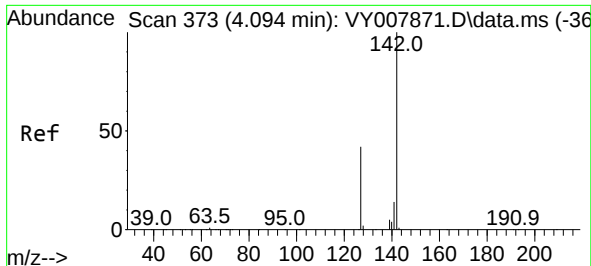
Tgt Ion: 62 Resp: 21
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 2.222 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.024 min
 Lab File: VY007947.D
 Acq: 21 Mar 2022 12:18

Tgt Ion: 94 Resp: 80
 Ion Ratio Lower Upper
 94 100
 96 150.5 73.5 110.3#

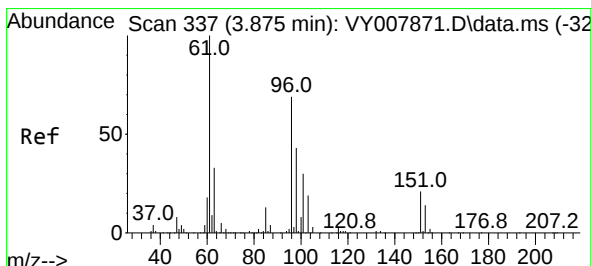
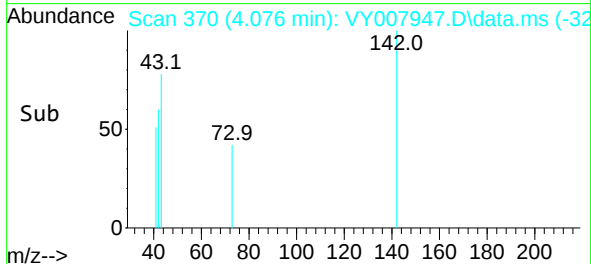
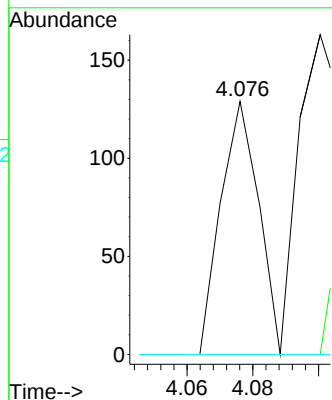
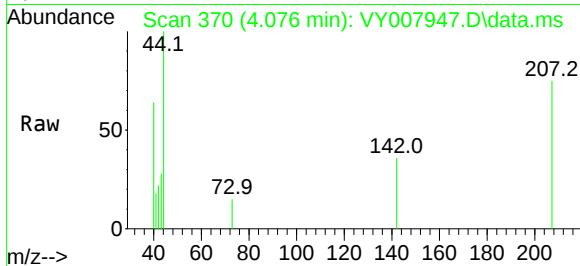




#10
Methyl Iodide
Concen: 6.028 ug/l
RT: 4.076 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

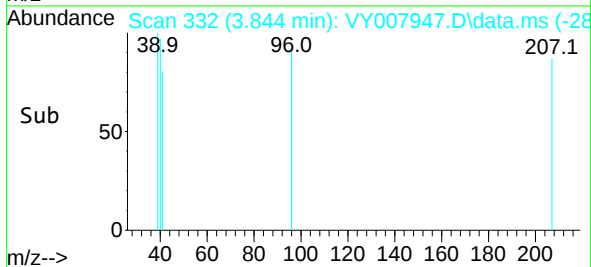
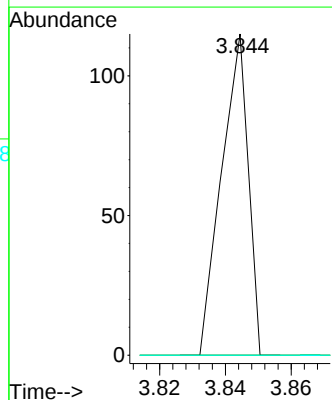
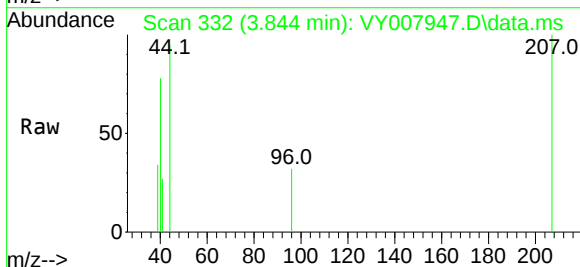
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

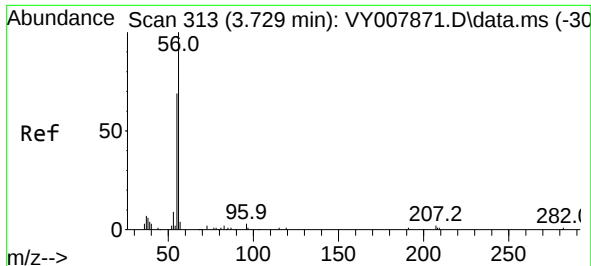
Tgt Ion:142 Resp: 103
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#12
1,1-Dichloroethene
Concen: 3.835 ug/l
RT: 3.844 min Scan# 332
Delta R.T. -0.031 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 96 Resp: 65
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#

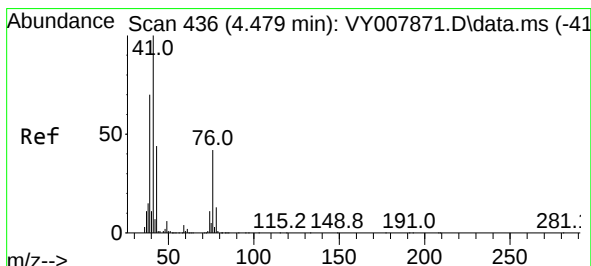
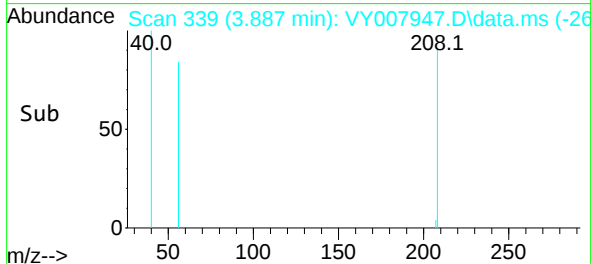
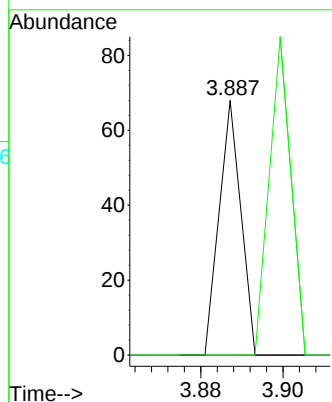
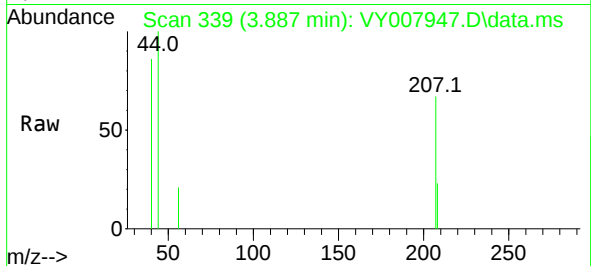




#13
Acrolein
Concen: 20.018 ug/l
RT: 3.887 min Scan# 313
Delta R.T. 0.158 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

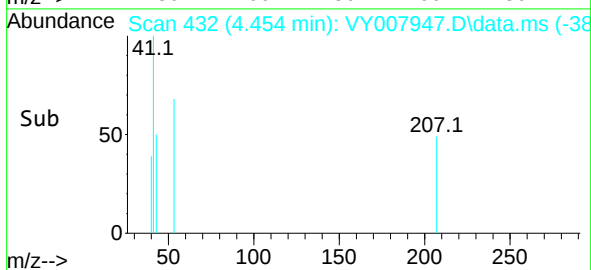
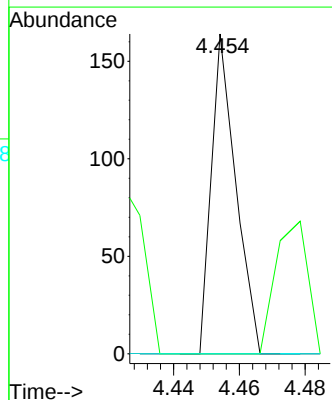
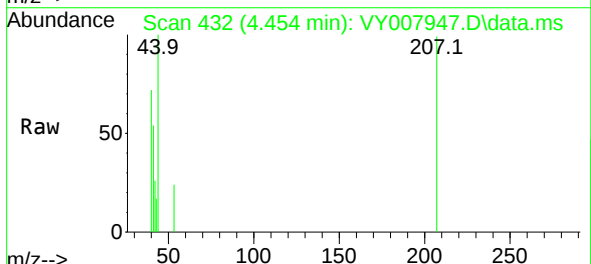
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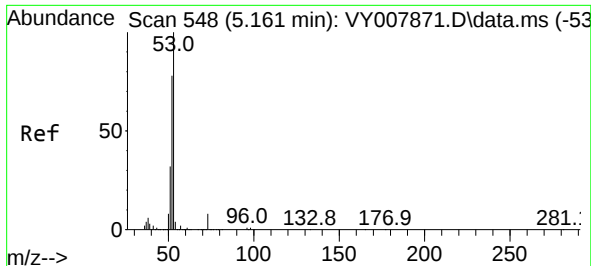
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 124.0 57.6 86.4#



#14
Allyl chloride
Concen: 2.946 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.025 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 41 Resp: 84
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 25.1 37.7#

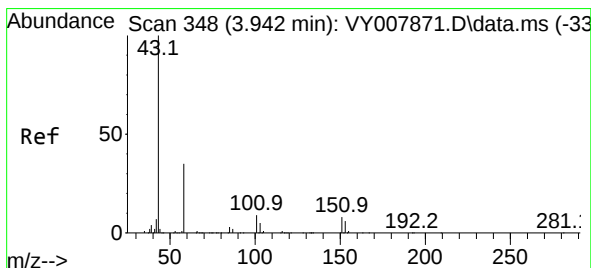
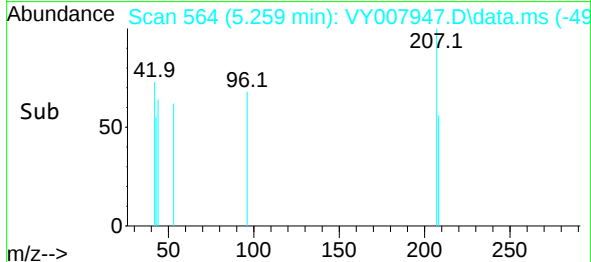
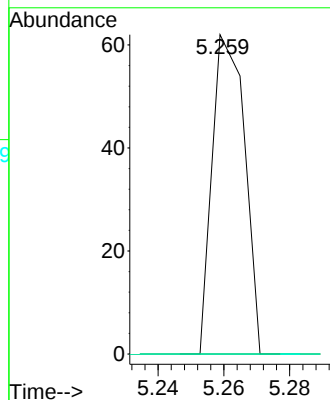
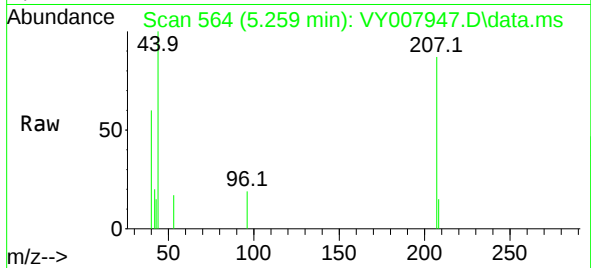




#15
Acrylonitrile
Concen: 7.419 ug/l
RT: 5.259 min Scan# 509
Delta R.T. 0.097 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

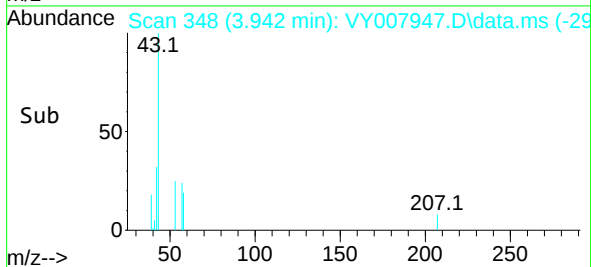
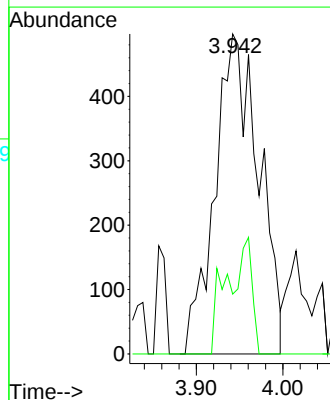
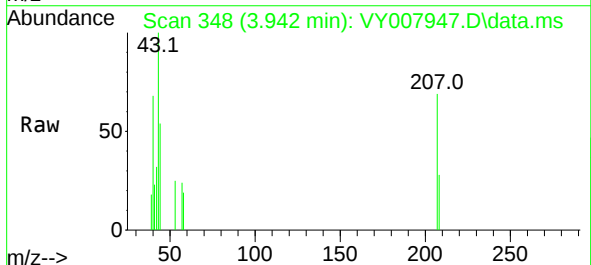
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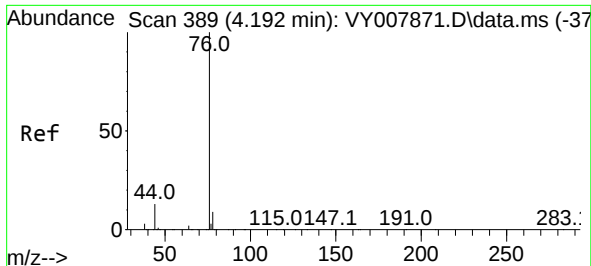
Tgt Ion: 53	Resp:	42
Ion	Ratio	Lower Upper
53	100	
52	0.0	67.0 100.4#
51	0.0	29.8 44.6#



#16
Acetone
Concen: 370.423 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
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Tgt Ion: 43	Resp:	1749
Ion	Ratio	Lower Upper
43	100	
58	18.7	22.0 33.0#

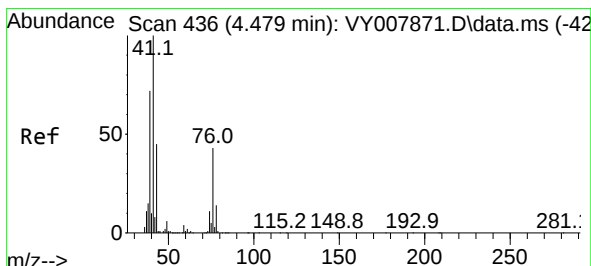
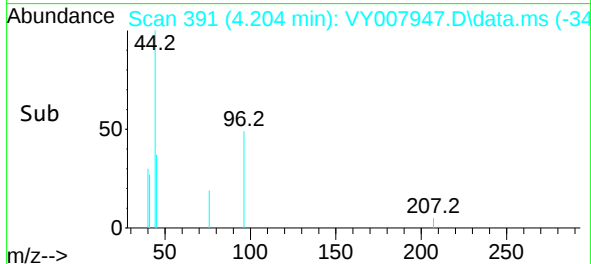
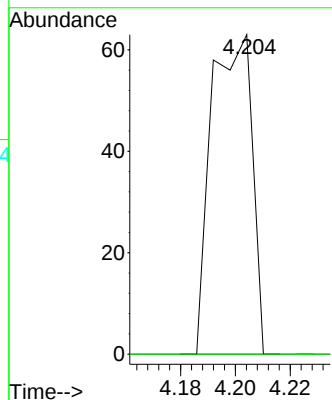
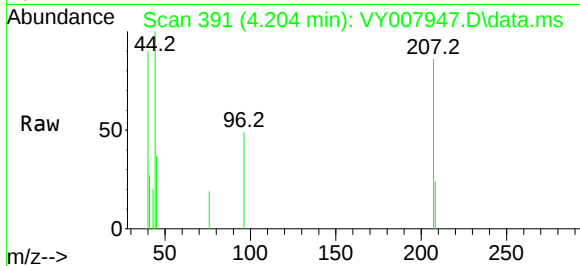




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007947.D
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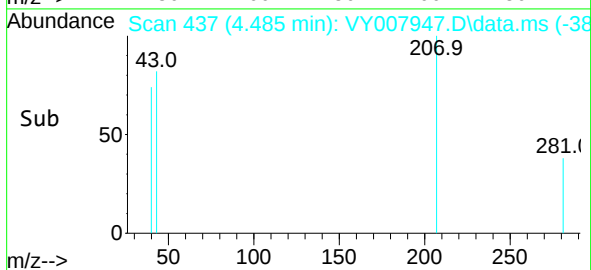
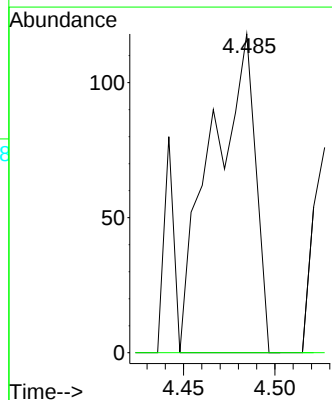
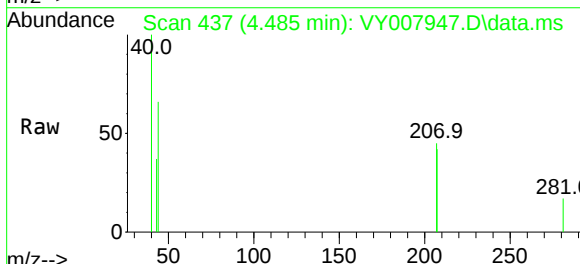
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

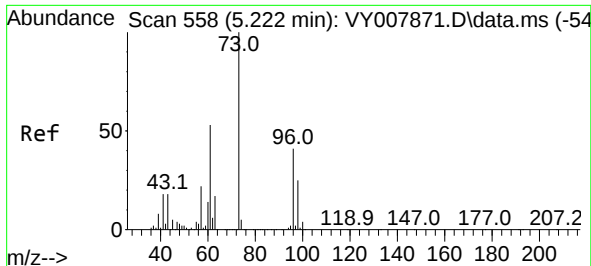
Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 13.287 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

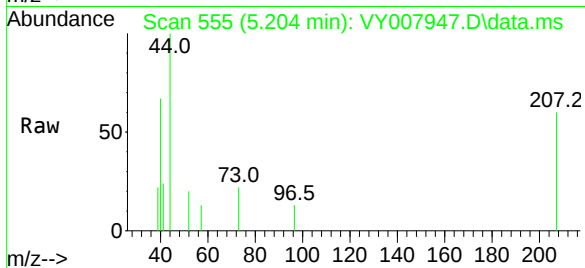
Tgt Ion: 43 Resp: 197
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



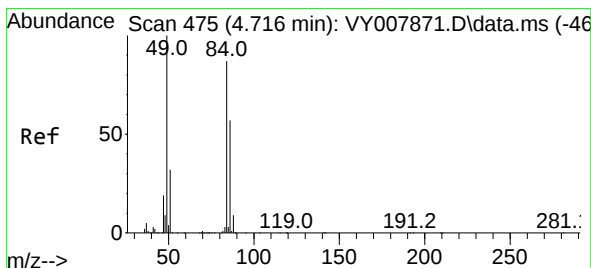
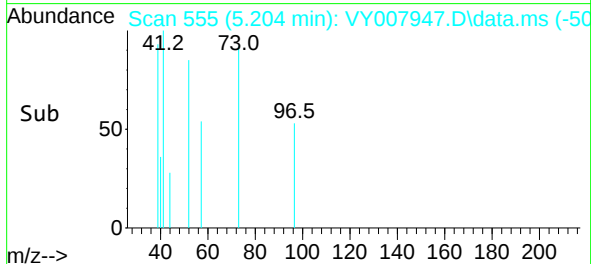
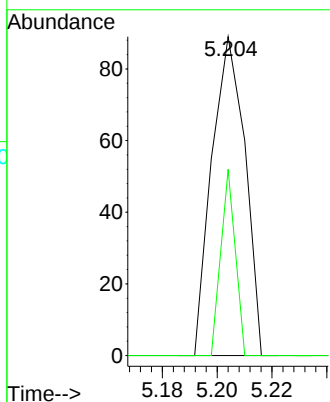


#19
Methyl tert-butyl Ether
Concen: 1.411 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

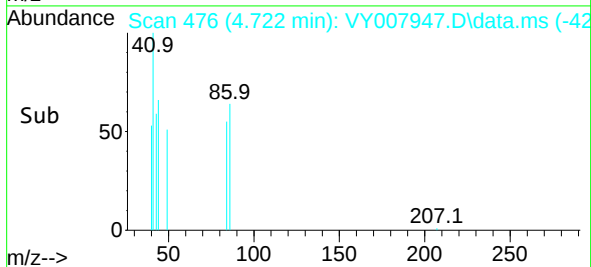
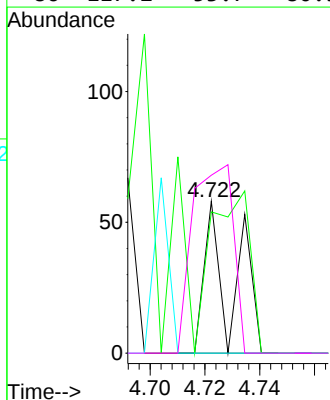
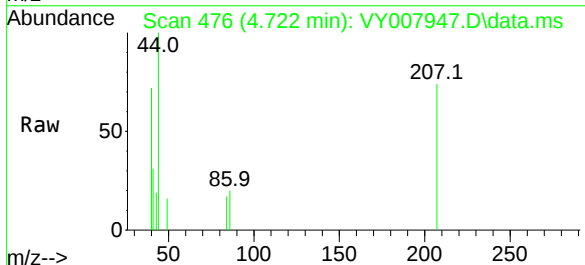


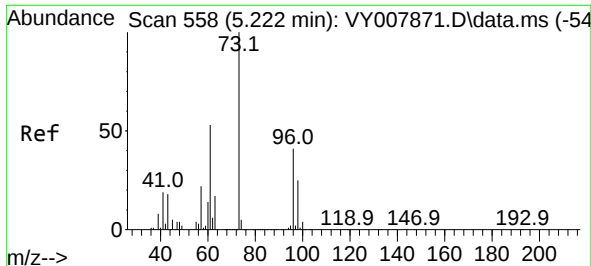
Tgt Ion: 73 Resp: 75
Ion Ratio Lower Upper
73 100
57 58.4 18.6 27.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 84 Resp: 41
Ion Ratio Lower Upper
84 100
49 93.1 114.4 171.6#
51 0.0 35.3 52.9#
86 117.2 53.7 80.5#

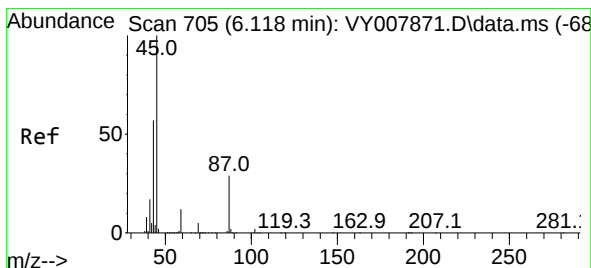
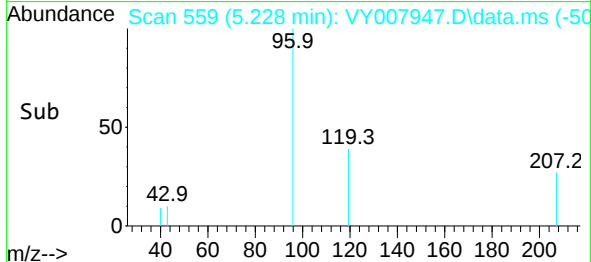
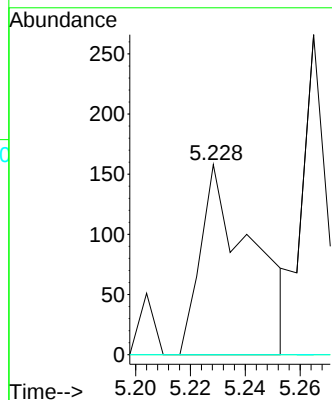
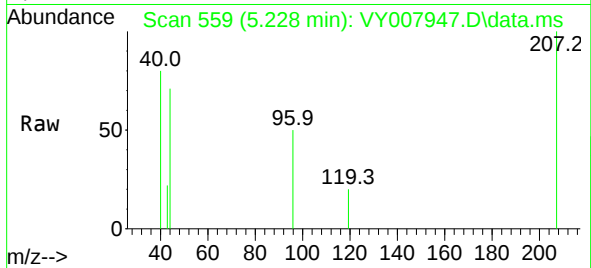




#21
trans-1,2-Dichloroethene
Concen: 10.908 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

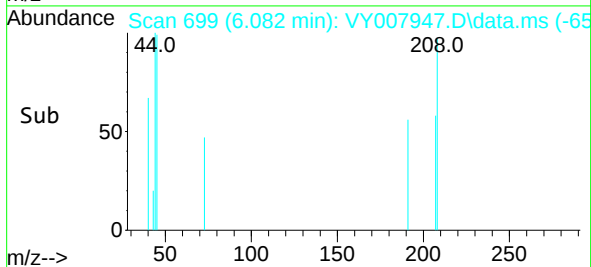
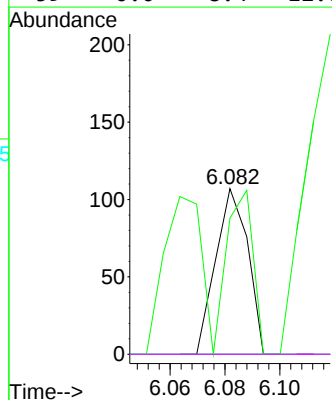
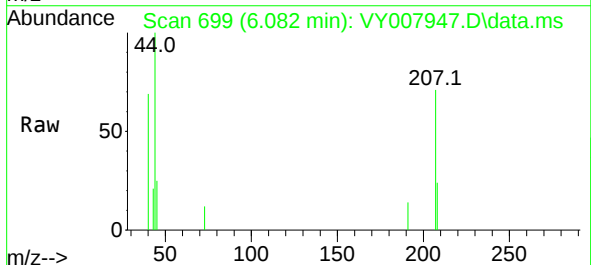
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

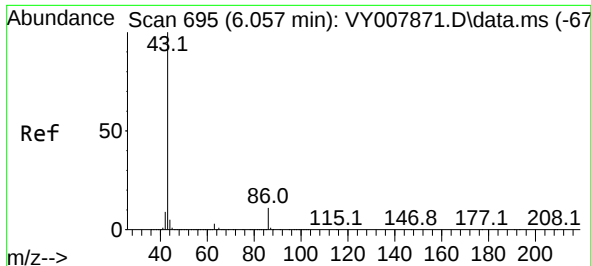
Tgt Ion: 96 Resp: 207
Ion Ratio Lower Upper
96 100
61 0.0 120.5 180.7#
98 0.0 49.8 74.8#



#22
Diisopropyl ether
Concen: 1.418 ug/l
RT: 6.082 min Scan# 699
Delta R.T. -0.031 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 45 Resp: 87
Ion Ratio Lower Upper
45 100
43 82.2 49.3 73.9#
87 0.0 19.2 28.8#
59 0.0 8.4 12.6#

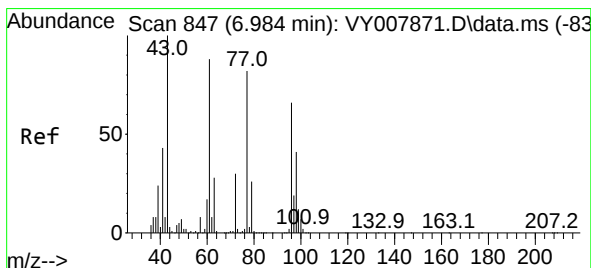
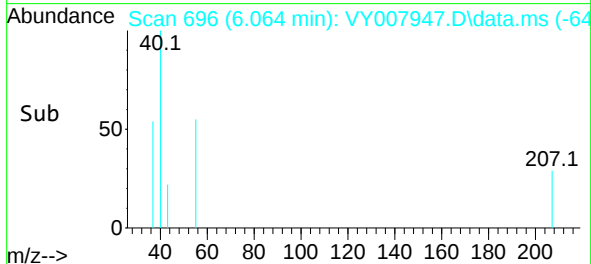
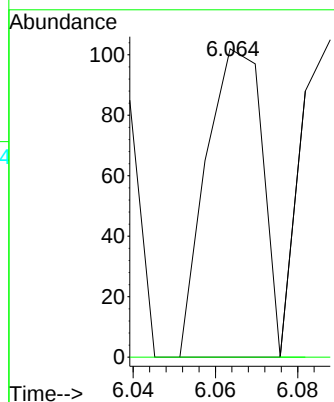
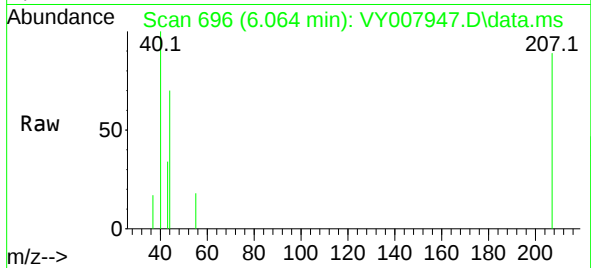




#23
 Vinyl Acetate
 Concen: 2.525 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY007947.D
 Acq: 21 Mar 2022 12:18

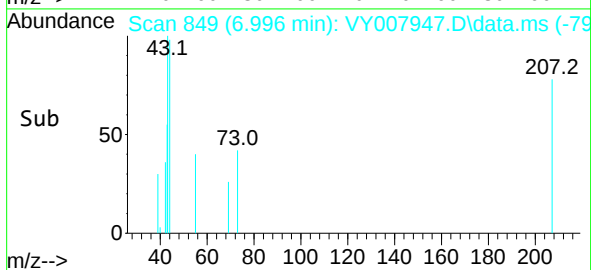
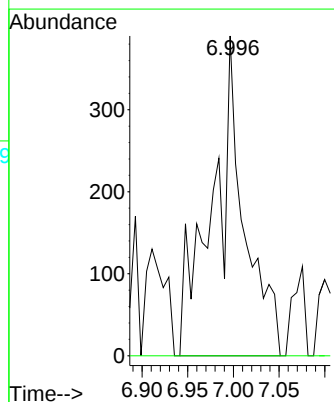
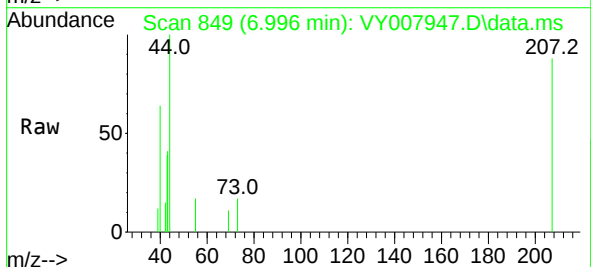
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(10-15)-3-12-22RE

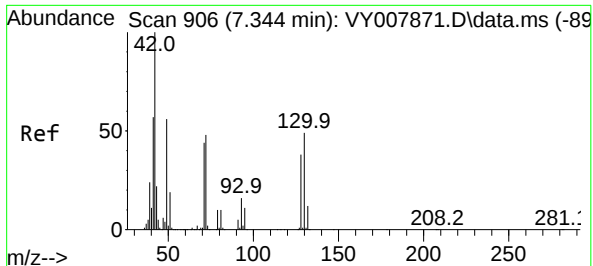
Tgt Ion: 43 Resp: 97
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 124.819 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY007947.D
 Acq: 21 Mar 2022 12:18

Tgt Ion: 43 Resp: 944
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.7 26.5#





#29

Tetrahydrofuran

Concen: 8.667 ug/l

RT: 7.368 min Scan# 91

Delta R.T. 0.024 min

Lab File: VY007947.D

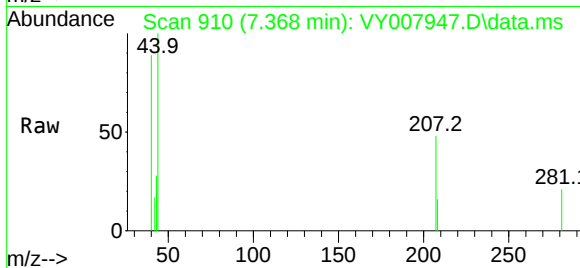
Acq: 21 Mar 2022 12:18

Instrument :

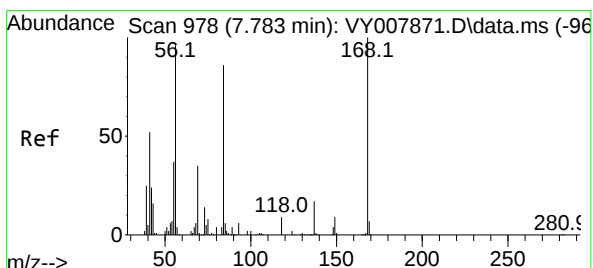
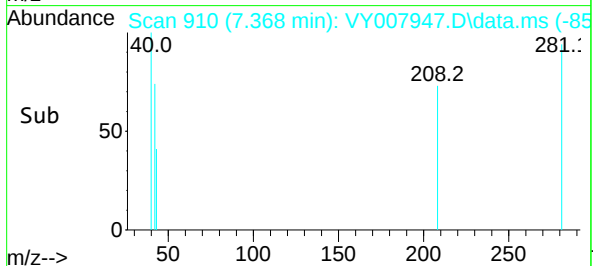
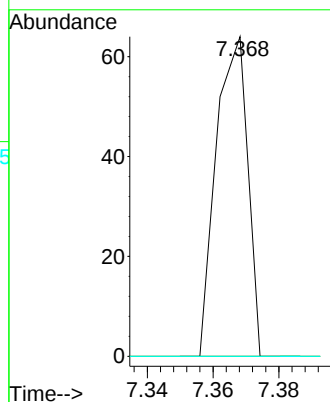
MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE



Tgt Ion:	42	Resp:	42
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: Below Cal

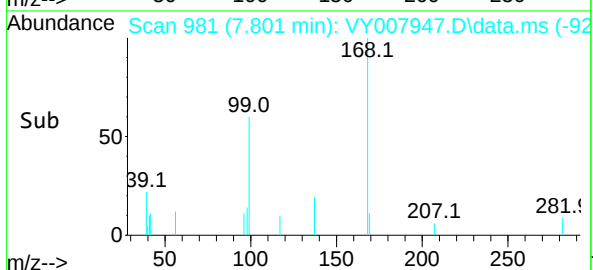
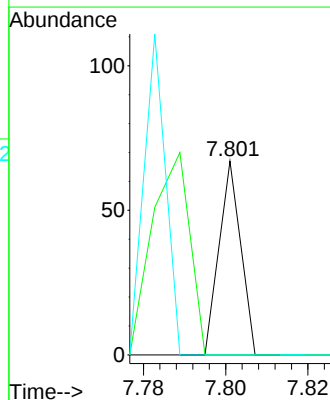
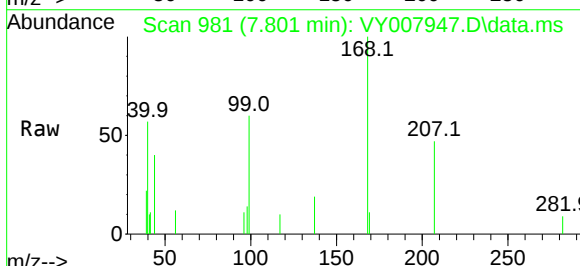
RT: 7.801 min Scan# 981

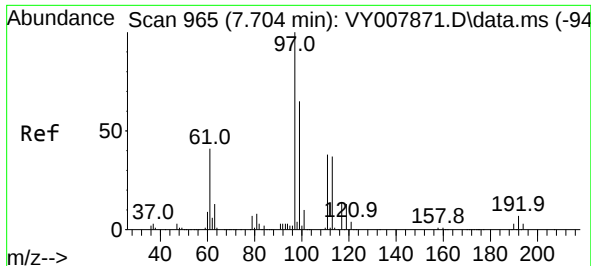
Delta R.T. 0.018 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

Tgt Ion:	56	Resp:	25
Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.7	40.1#
84	0.0	67.2	100.8#





#32

1,1,1-Trichloroethane

Concen: 1.679 ug/l

RT: 7.673 min Scan# 9

Delta R.T. -0.031 min

Lab File: VY007947.D

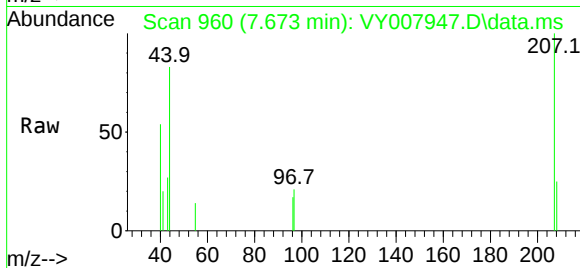
Acq: 21 Mar 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE



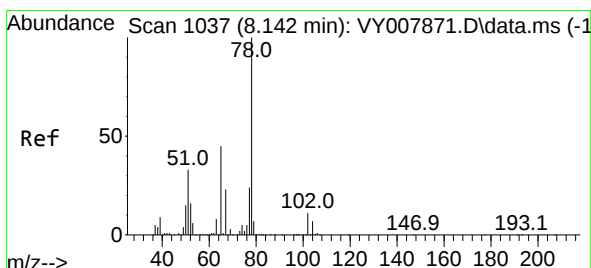
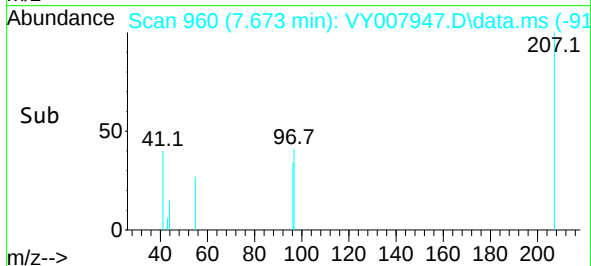
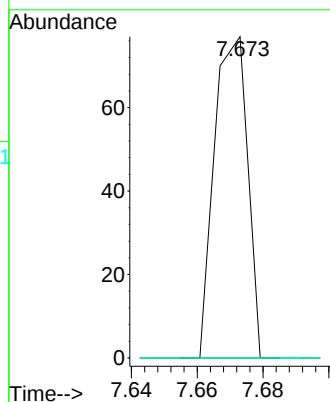
Tgt Ion: 97 Resp: 54

Ion Ratio Lower Upper

97 100

99 0.0 50.7 76.1#

61 0.0 37.6 56.4#



#33

1,2-Dichloroethane-d4

Concen: 64.669 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.012 min

Lab File: VY007947.D

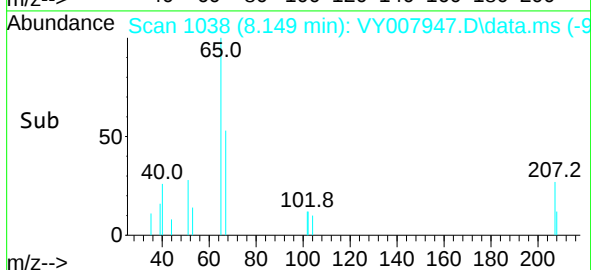
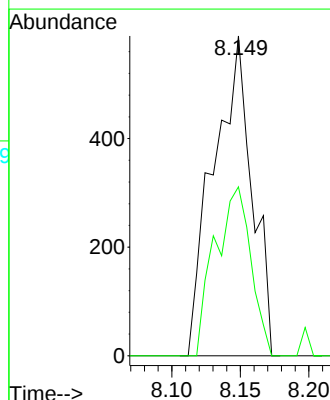
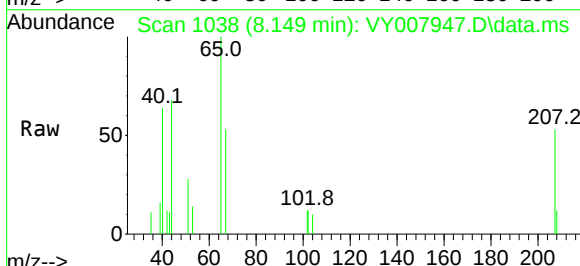
Acq: 21 Mar 2022 12:18

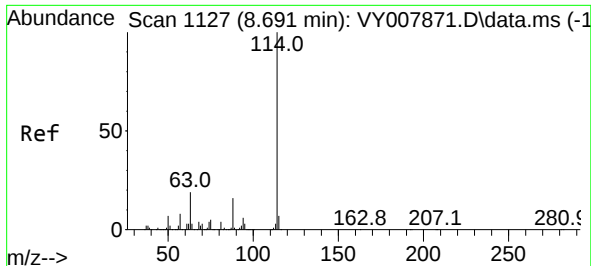
Tgt Ion: 65 Resp: 1151

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

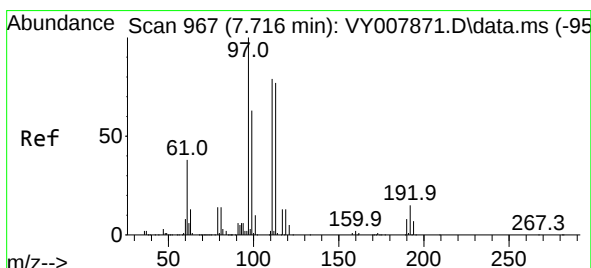
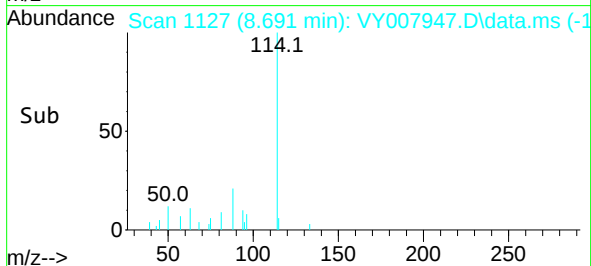
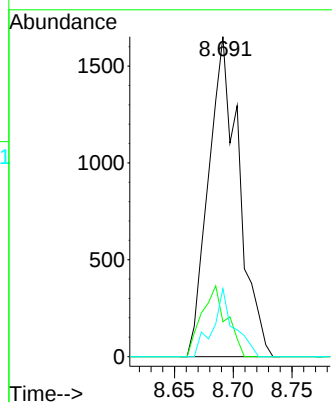
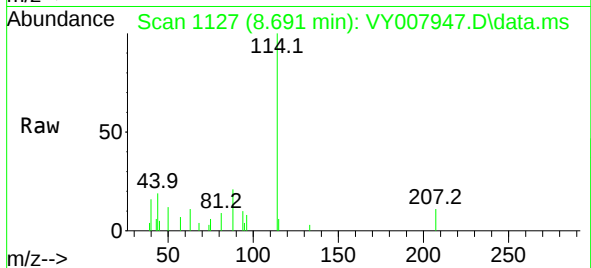
Instrument :

MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE

Tgt Ion:114	Resp:	2975
Ion Ratio	Lower	Upper
114	100	
63	10.9	0.0 43.2
88	21.2	0.0 31.8



#35

Dibromofluoromethane

Concen: 39.008 ug/l

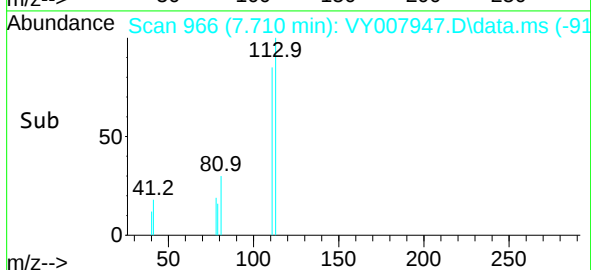
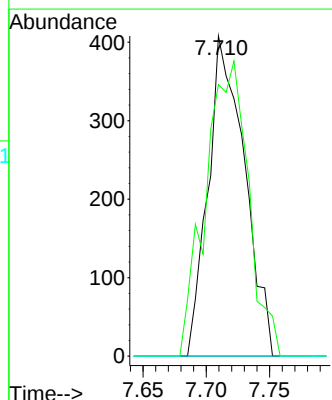
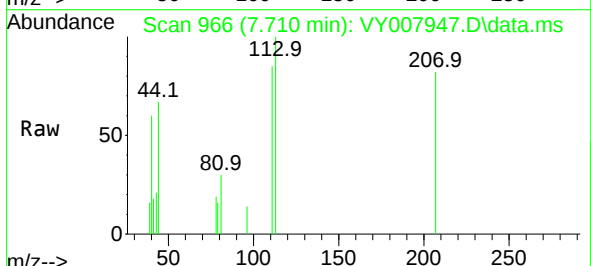
RT: 7.710 min Scan# 966

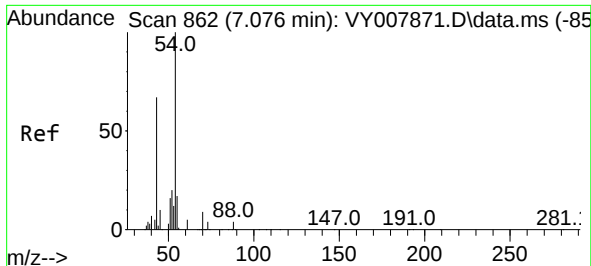
Delta R.T. -0.006 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

Tgt Ion:113	Resp:	815
Ion Ratio	Lower	Upper
113	100	
111	108.5	82.6 124.0
192	0.0	17.6 26.4#





#37

Ethyl Acetate

Concen: 4.971 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY007947.D

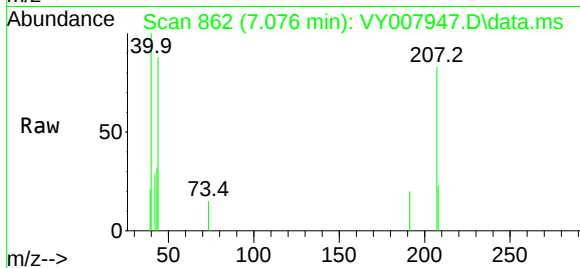
Acq: 21 Mar 2022 12:18

Instrument :

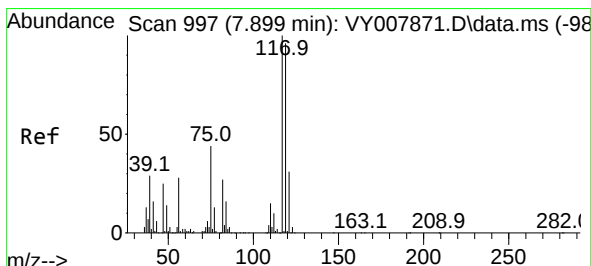
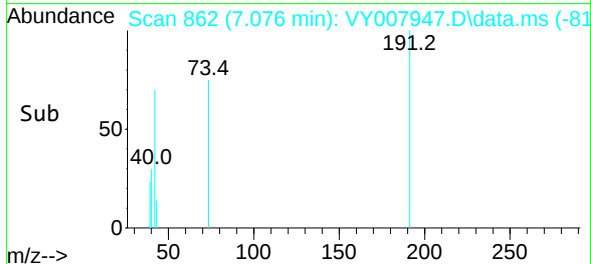
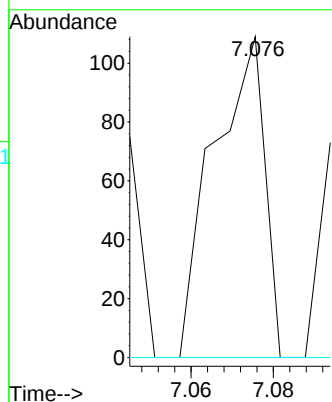
MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE



Tgt Ion:	43	Resp:	94
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 1.389 ug/l

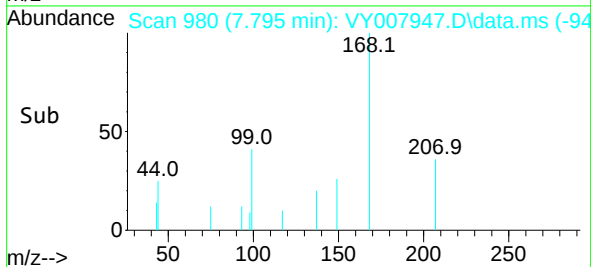
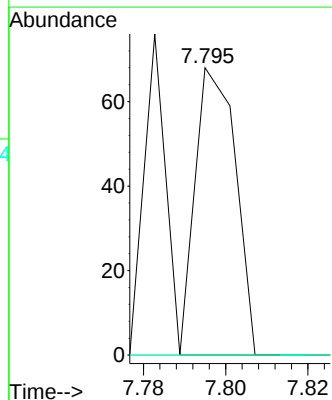
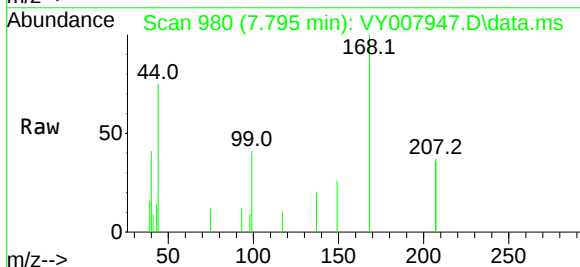
RT: 7.795 min Scan# 980

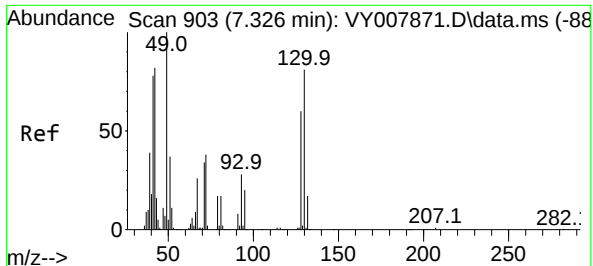
Delta R.T. -0.104 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

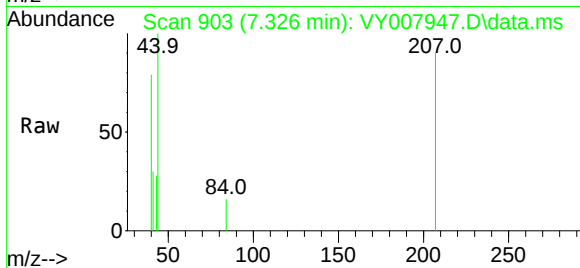
Tgt Ion:	117	Resp:	46
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.9	116.9#
121	0.0	24.8	37.2#



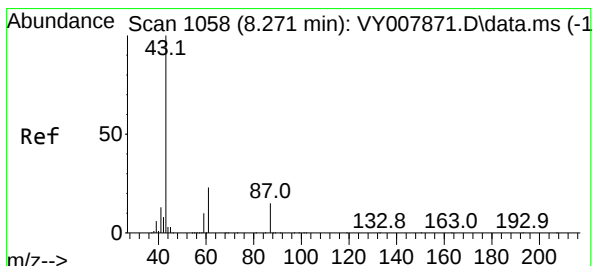
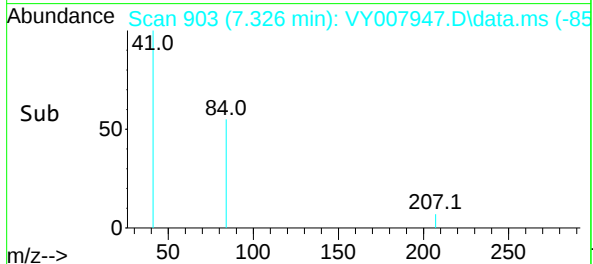
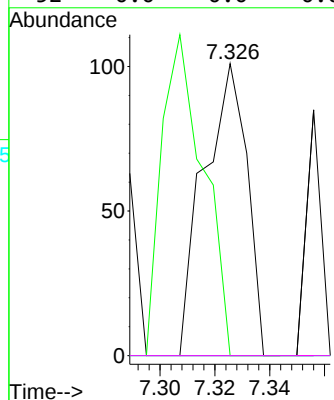


#41
Methacrylonitrile
Concen: 9.433 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

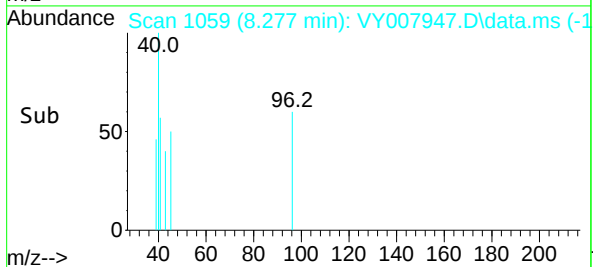
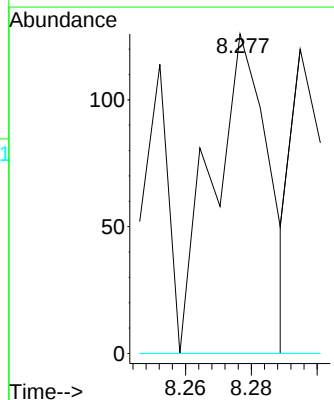
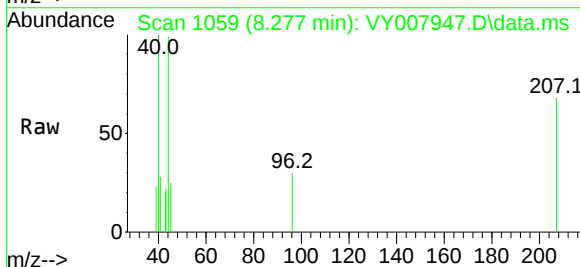


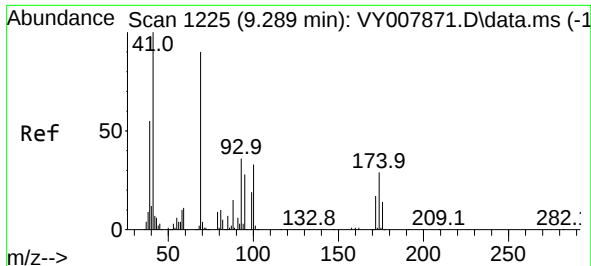
Tgt Ion: 41	Resp: 110
Ion Ratio	Lower Upper
41 100	
39 106.4	92.9 139.3
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#43
Isopropyl Acetate
Concen: 4.142 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 43	Resp: 151
Ion Ratio	Lower Upper
43 100	
61 0.0	20.2 30.2#
87 0.0	8.9 13.3#

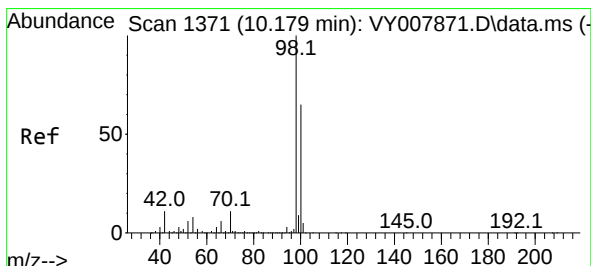
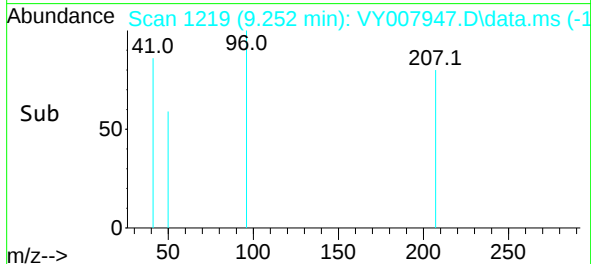
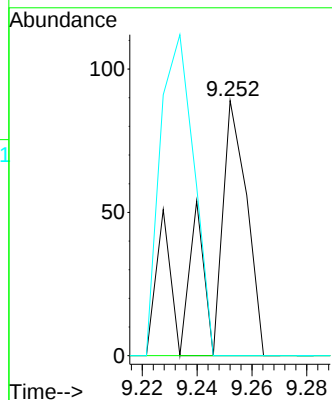
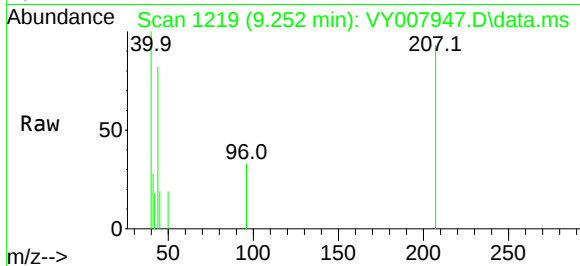




#48
Methyl methacrylate
Concen: 4.502 ug/l
RT: 9.252 min Scan# 1219
Delta R.T. -0.037 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

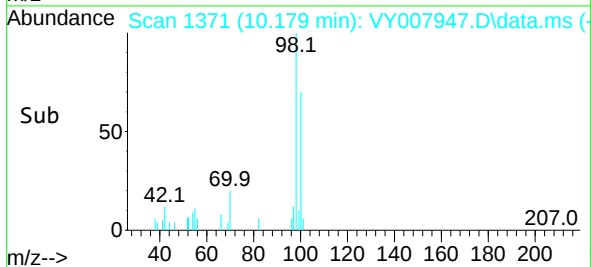
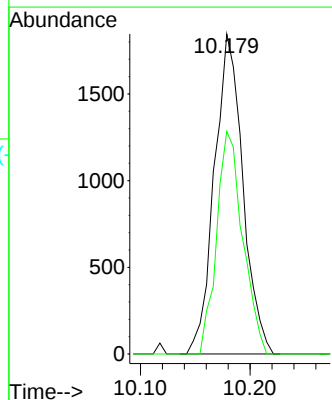
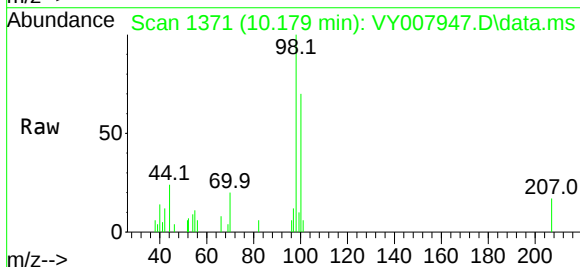
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

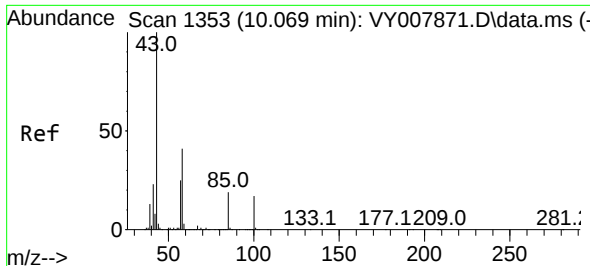
Tgt Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 0.0 47.4 71.0#



#50
Toluene-d8
Concen: 53.173 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 98 Resp: 3330
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 19.577 ug/l

RT: 10.057 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

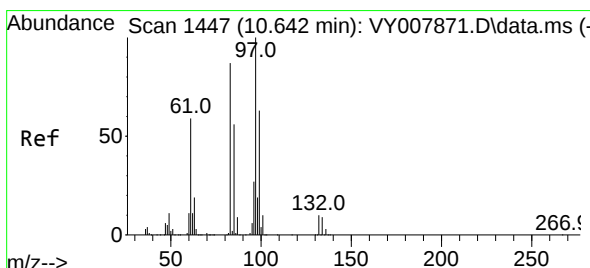
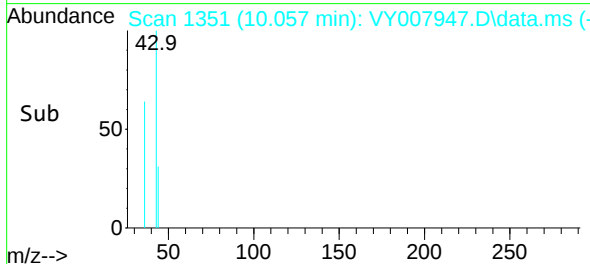
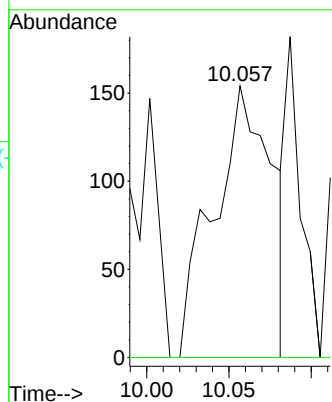
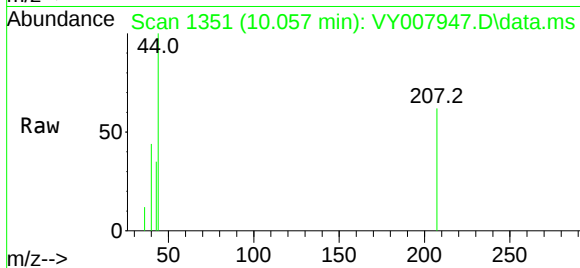
DB-15-(10-15)-3-12-22RE

Tgt Ion: 43 Resp: 376

Ion Ratio Lower Upper

43 100

58 0.0 28.1 42.1#



#55

1,1,2-Trichloroethane

Concen: 11.290 ug/l

RT: 10.624 min Scan# 1444

Delta R.T. -0.018 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

Tgt Ion: 97 Resp: 225

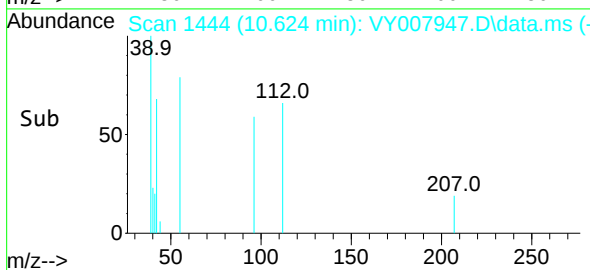
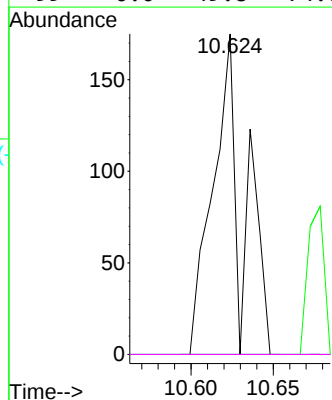
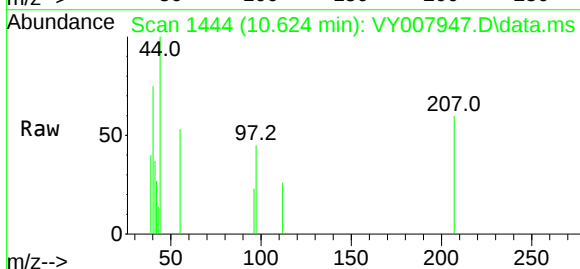
Ion Ratio Lower Upper

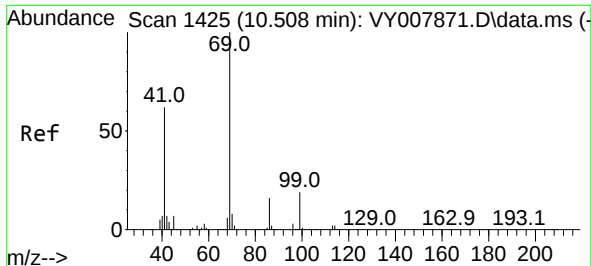
97 100

83 0.0 69.8 104.8#

85 0.0 44.3 66.5#

99 0.0 49.8 74.6#

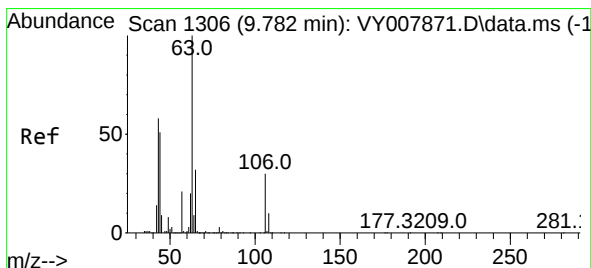
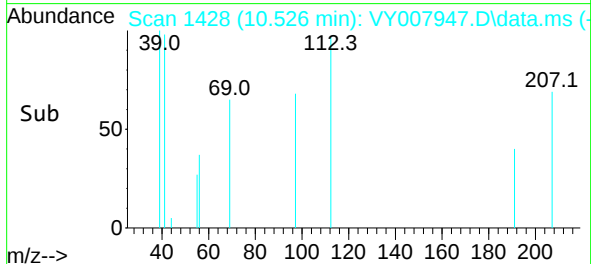
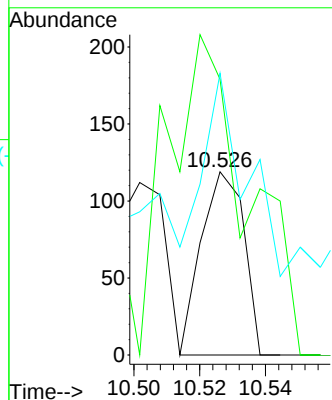
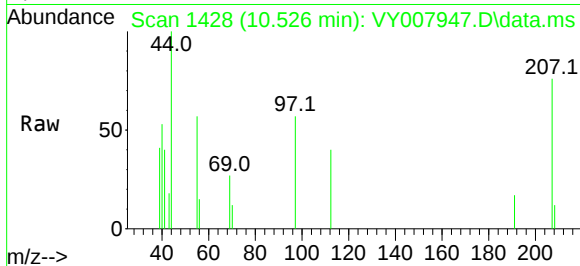




#56
Ethyl methacrylate
Concen: 3.775 ug/l
RT: 10.526 min Scan# 1425
Delta R.T. 0.018 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

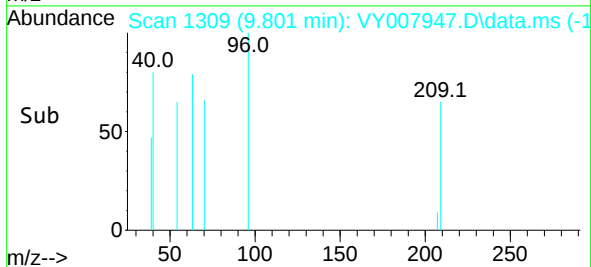
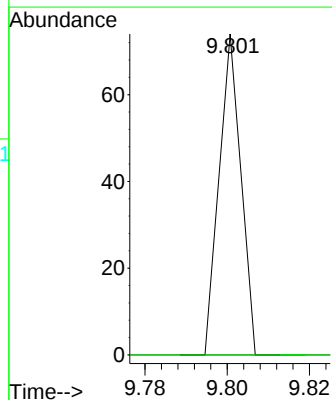
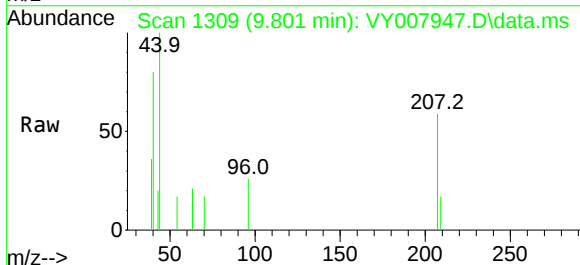
Instrument : MSVOA_Y
ClientSampleId : DB-15-(10-15)-3-12-22RE

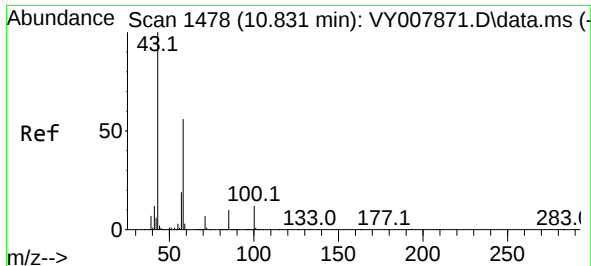
Tgt Ion: 69 Resp: 108
Ion Ratio Lower Upper
69 100
41 322.2 63.4 95.0#
39 426.9 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.924 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.018 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

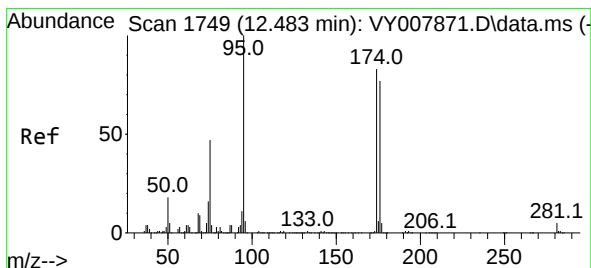
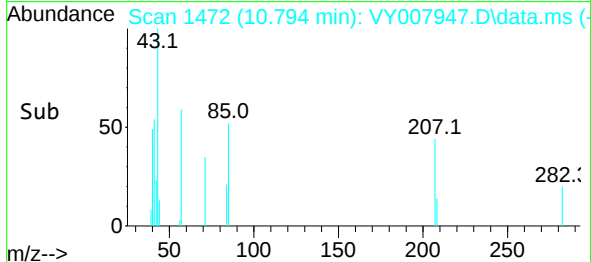
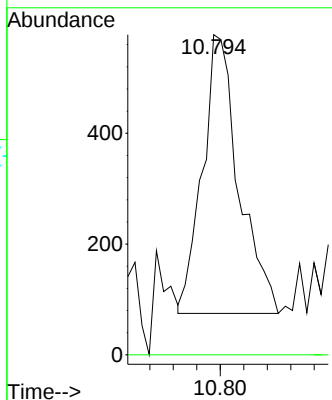
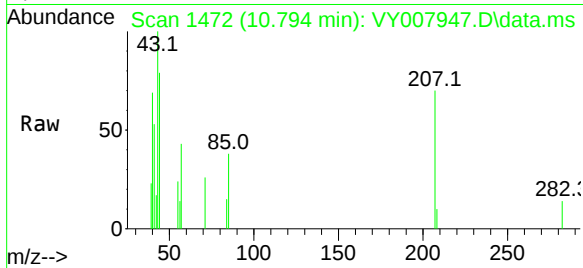




#59
2-Hexanone
Concen: 78.563 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.037 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

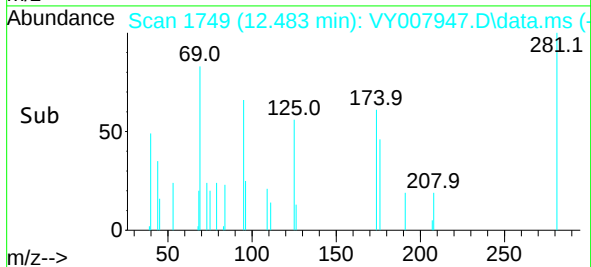
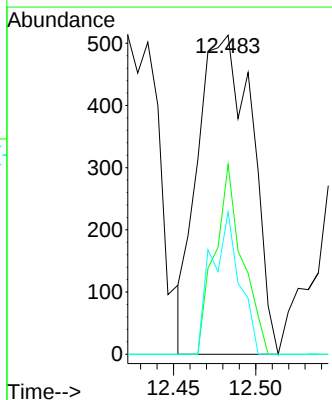
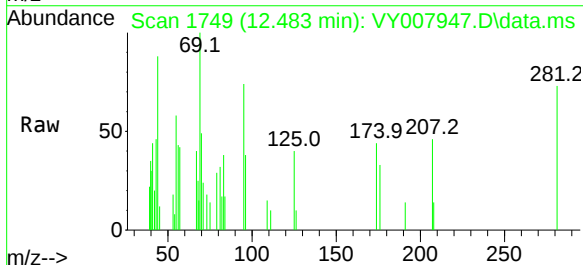
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

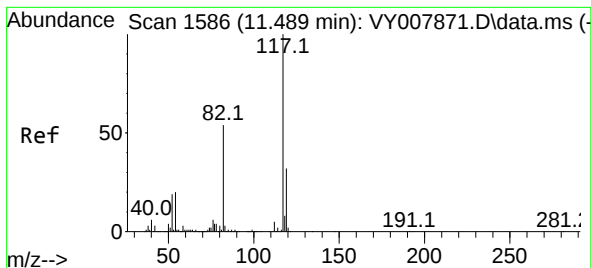
Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 39.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 95 Resp: 1170
Ion Ratio Lower Upper
95 100
174 30.4 0.0 177.0
176 23.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE

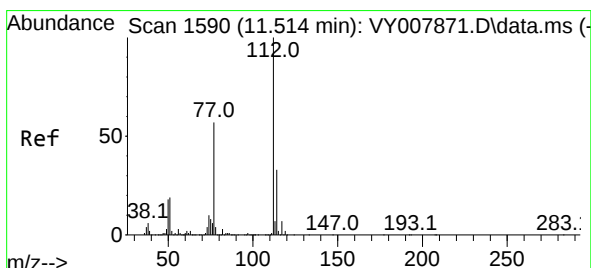
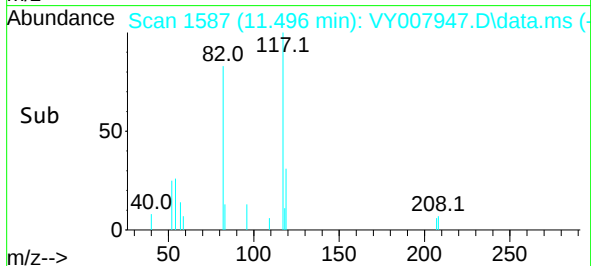
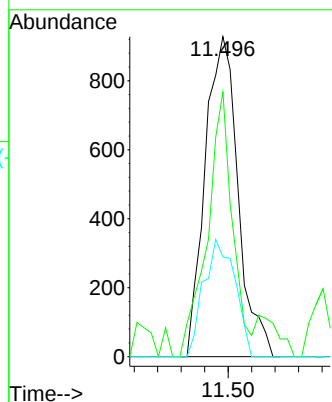
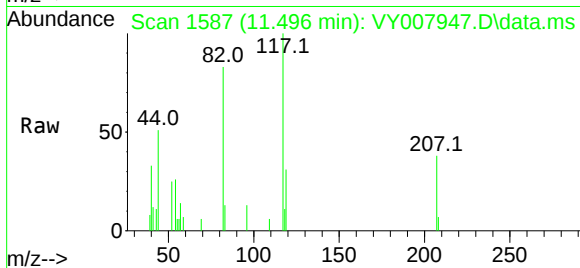
Tgt Ion:117 Resp: 1807

Ion Ratio Lower Upper

117 100

82 82.8 43.0 64.4#

119 31.1 25.4 38.0



#65

Chlorobenzene

Concen: 2.449 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY007947.D

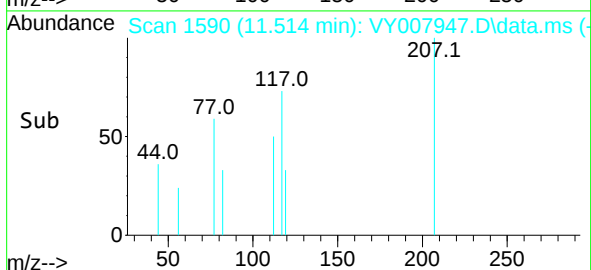
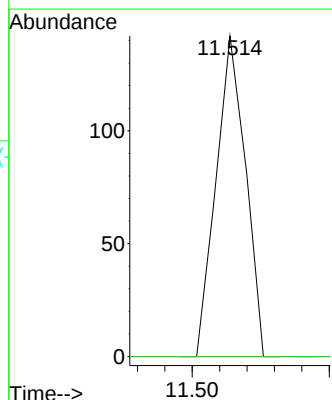
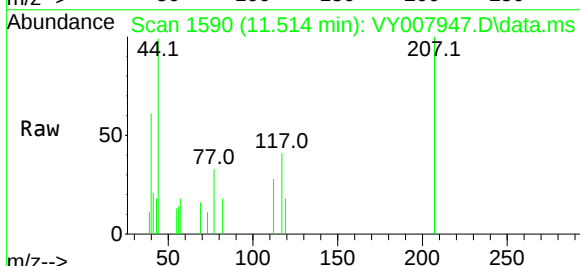
Acq: 21 Mar 2022 12:18

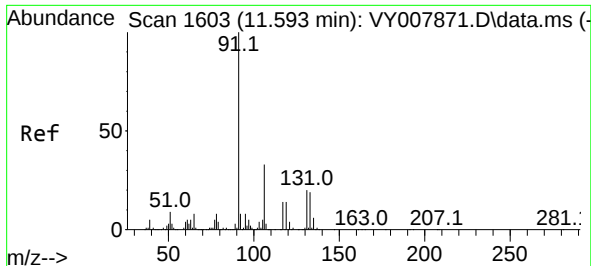
Tgt Ion:112 Resp: 106

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.6#

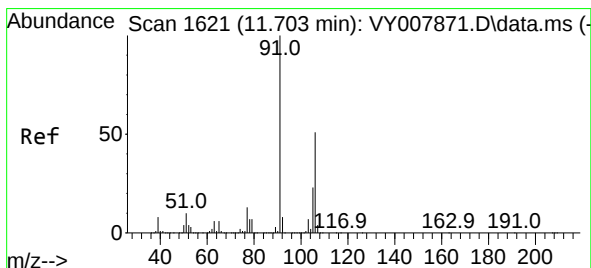
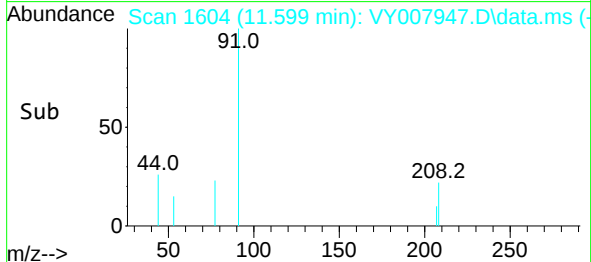
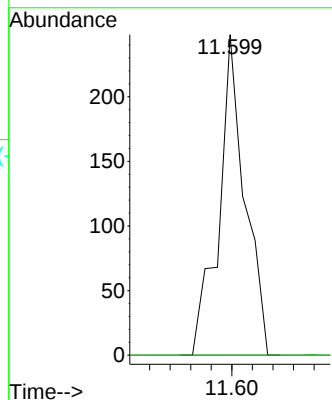
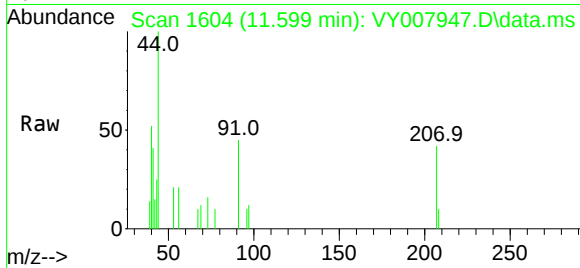




#67
Ethyl Benzene
Concen: 2.827 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

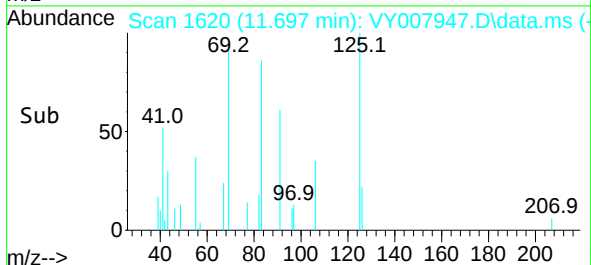
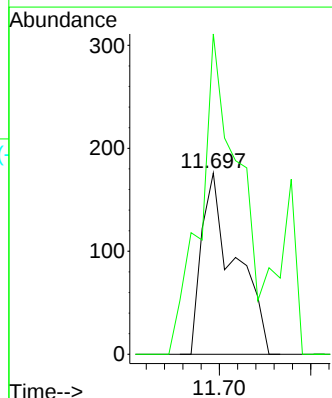
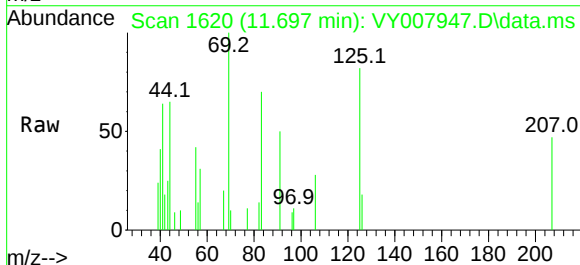
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

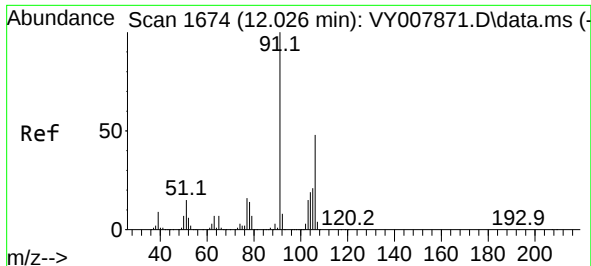
Tgt Ion: 91 Resp: 218
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#



#68
m/p-Xylenes
Concen: 7.480 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion:106 Resp: 225
Ion Ratio Lower Upper
106 100
91 224.4 166.6 249.8

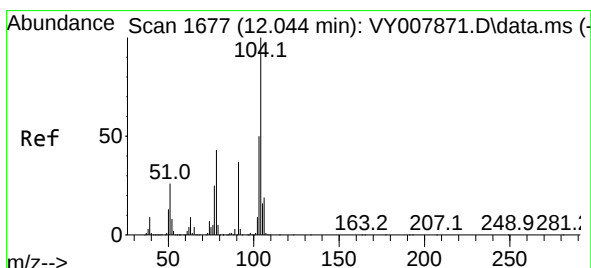
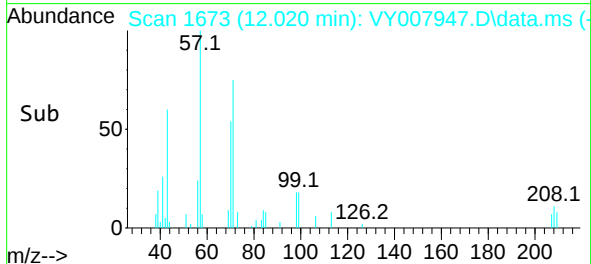
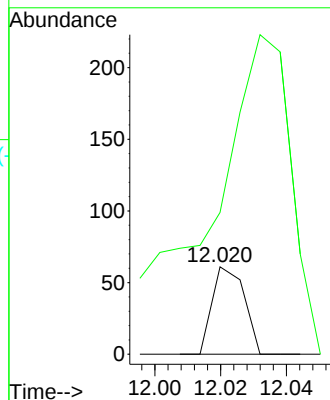
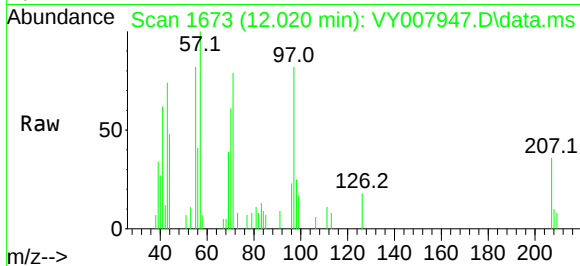




#69
o-Xylene
Concen: 1.409 ug/l
RT: 12.020 min Scan# 1673
Delta R.T. -0.012 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

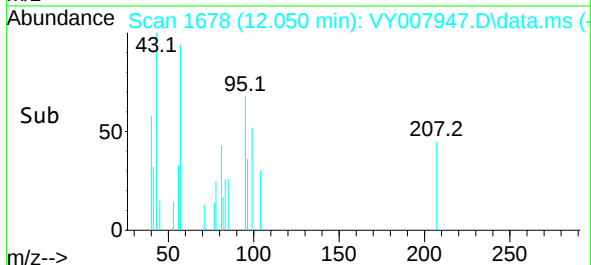
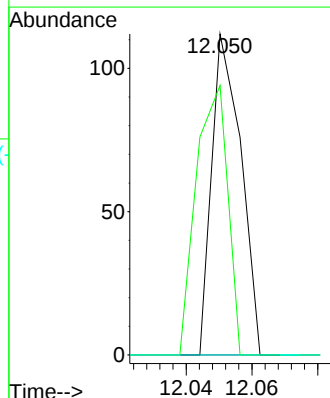
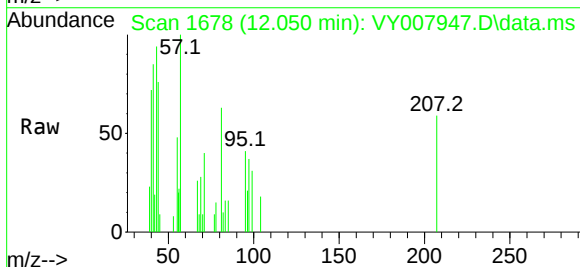
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

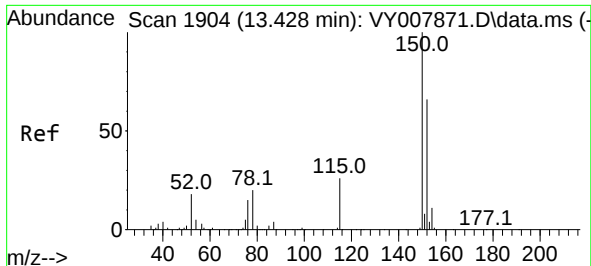
Tgt Ion:106 Resp: 41
Ion Ratio Lower Upper
106 100
91 934.1 110.3 331.0#



#70
Styrene
Concen: 1.411 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion:104 Resp: 69
Ion Ratio Lower Upper
104 100
78 89.9 42.4 63.6#
103 0.0 44.4 66.6#

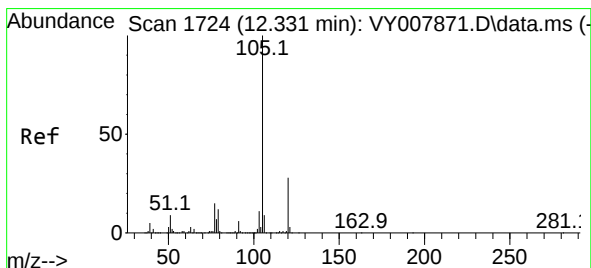
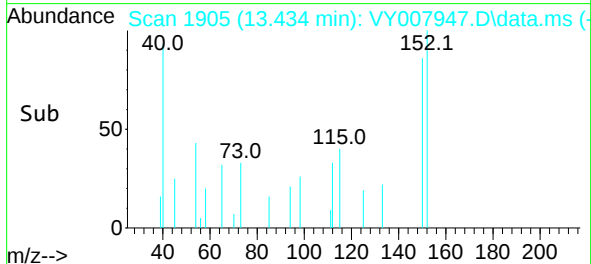
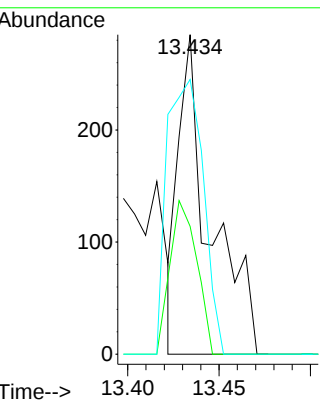
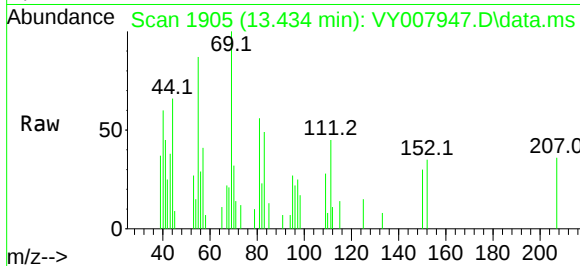




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

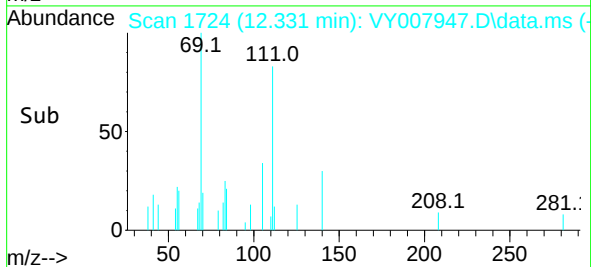
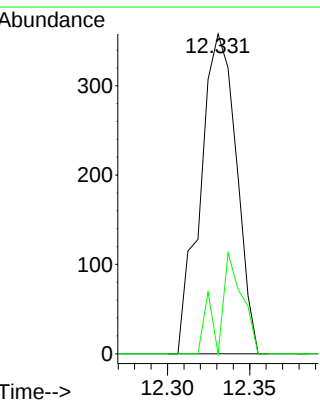
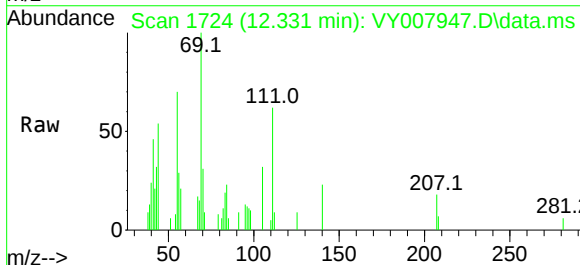
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

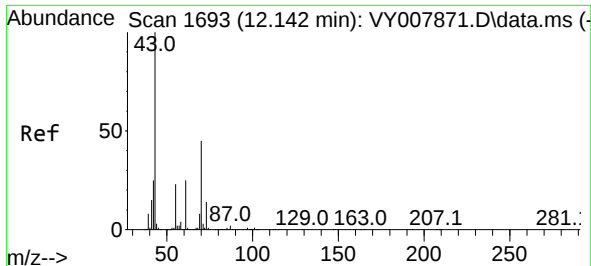
Tgt Ion:152 Resp: 345
Ion Ratio Lower Upper
152 100
115 40.6 28.2 84.7
150 98.6 0.0 347.6



#73
Isopropylbenzene
Concen: 17.947 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion:105 Resp: 545
Ion Ratio Lower Upper
105 100
120 20.6 13.4 40.2

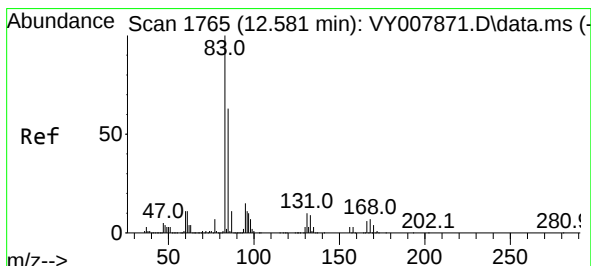
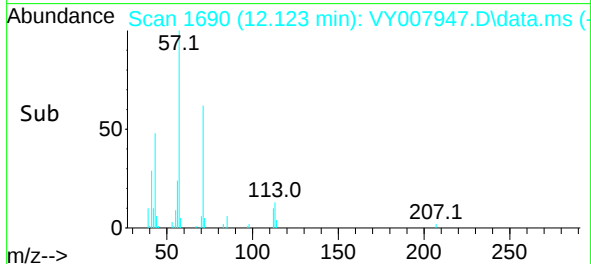
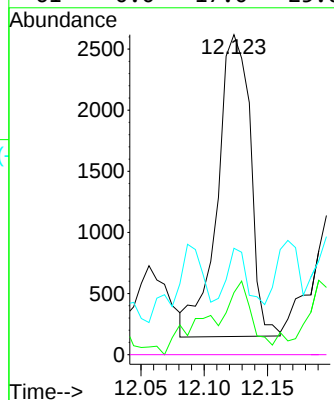
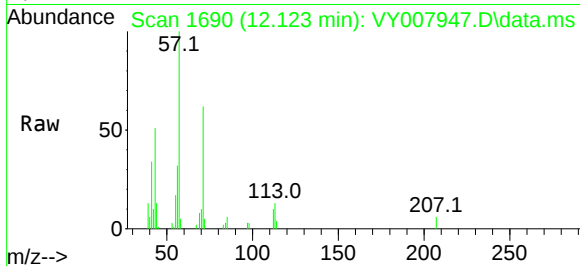




#74
N-amy1 acetate
Concen: 499.927 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

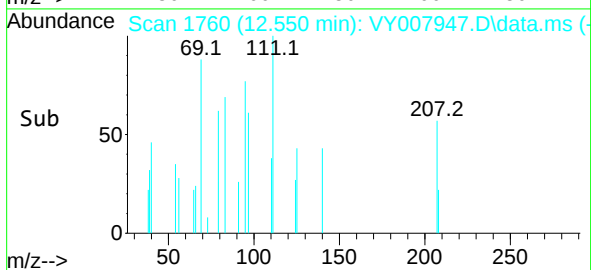
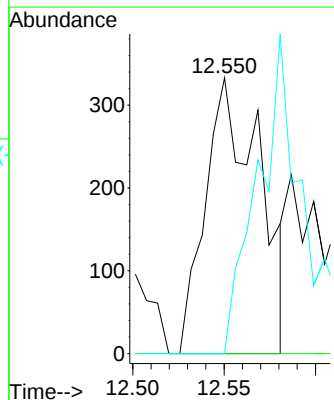
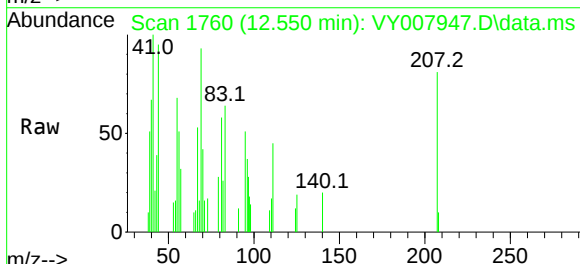
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

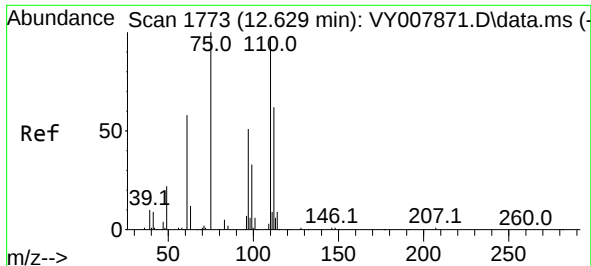
Tgt Ion:	43	Resp:	4479
Ion	Ratio	Lower	Upper
43	100		
70	14.1	28.7	43.1#
55	10.4	17.3	25.9#
61	0.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 105.403 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.031 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion:	83	Resp:	689
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.3	96.8#

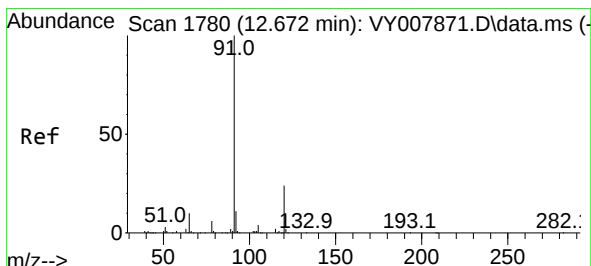
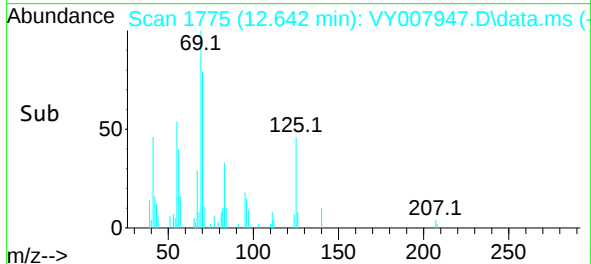
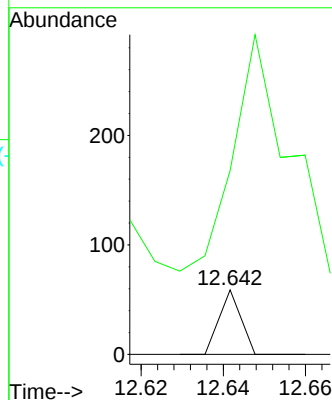
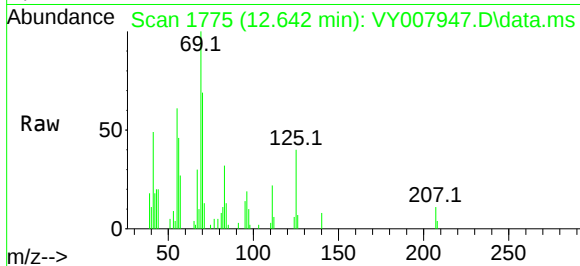




#76
1,2,3-Trichloropropane
Concen: 4.474 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

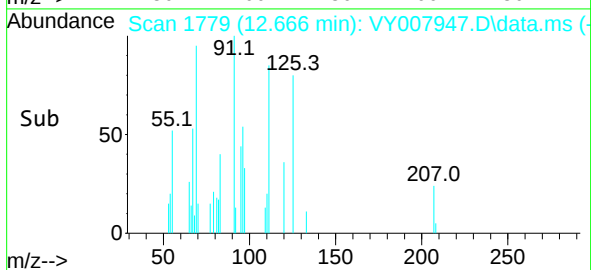
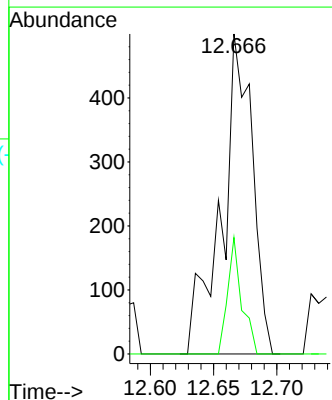
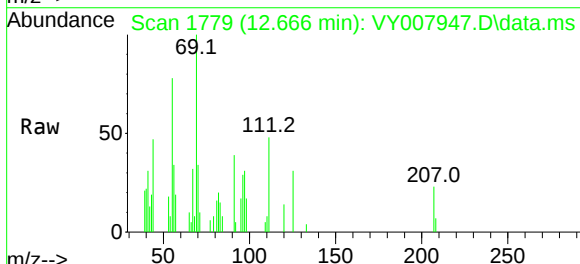
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

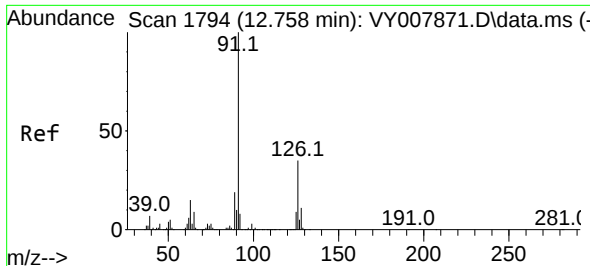
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 1940.9 0.0 0.0#



#78
n-propylbenzene
Concen: 22.934 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 91 Resp: 841
Ion Ratio Lower Upper
91 100
120 16.6 11.3 33.9

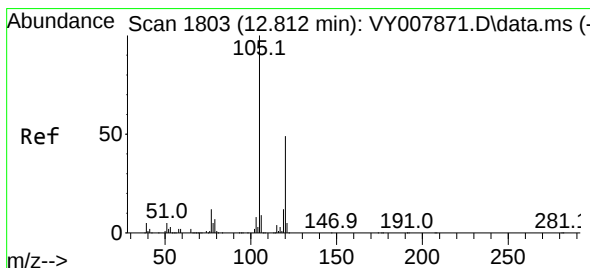
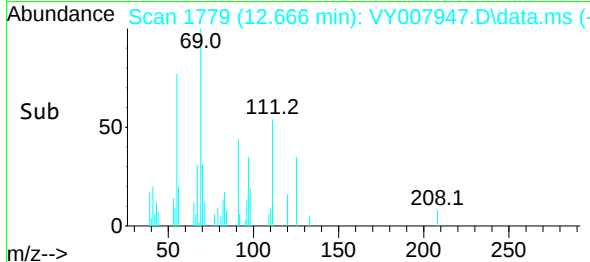
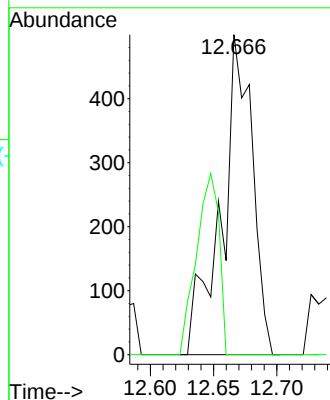
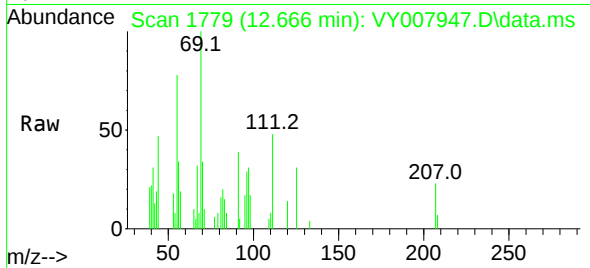




#79
2-Chlorotoluene
Concen: 40.764 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.092 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

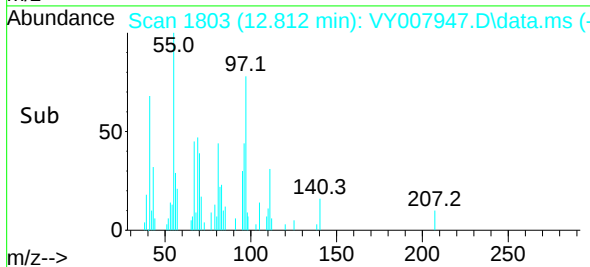
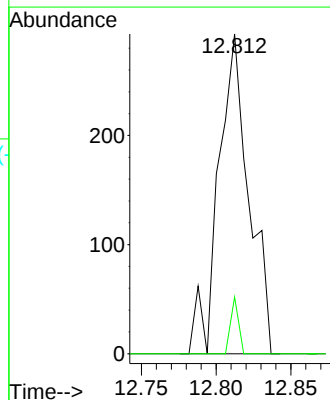
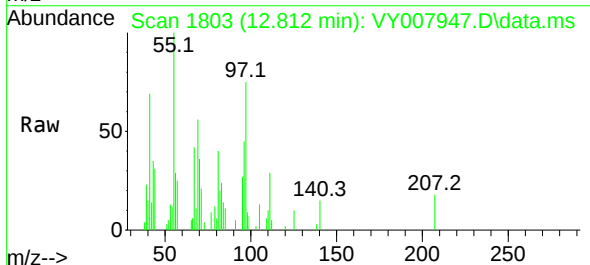
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

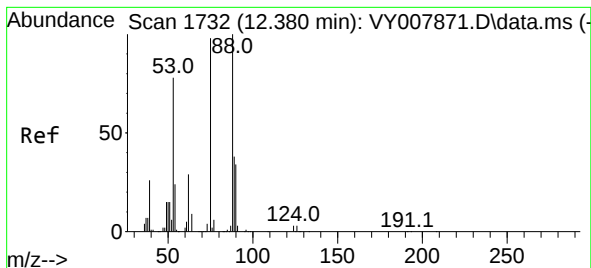
Tgt Ion: 91 Resp: 841
Ion Ratio Lower Upper
91 100
126 42.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 16.578 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion:105 Resp: 414
Ion Ratio Lower Upper
105 100
120 4.6 24.4 73.4#

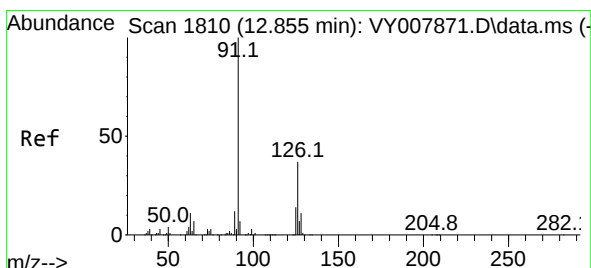
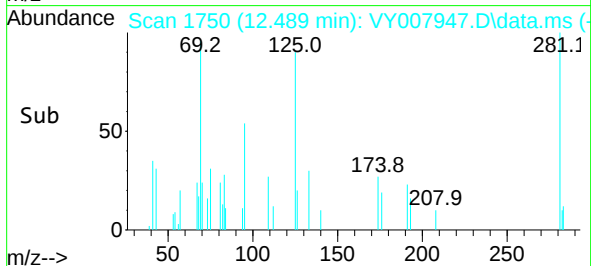
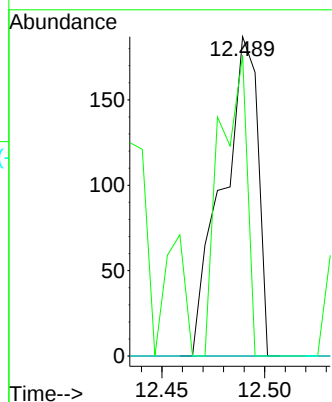
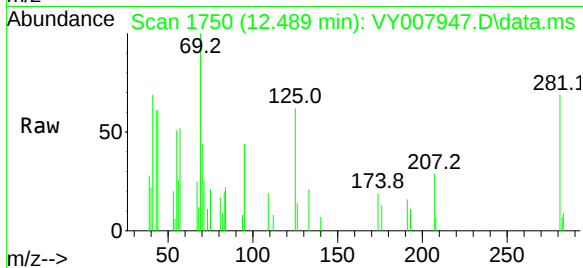




#81
trans-1,4-Dichloro-2-butene
Concen: 96.106 ug/l
RT: 12.489 min Scan# 1779
Delta R.T. 0.110 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

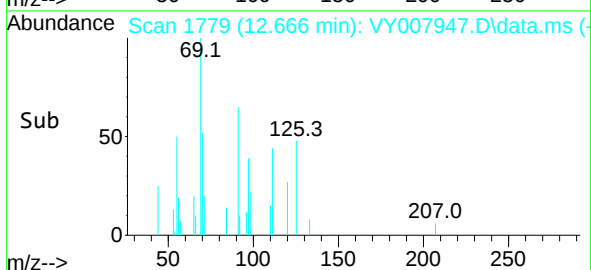
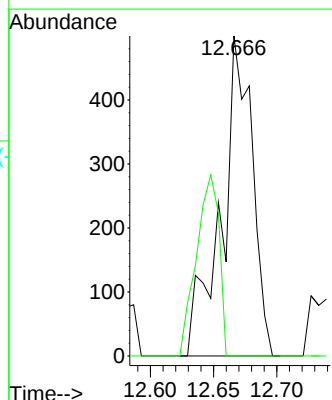
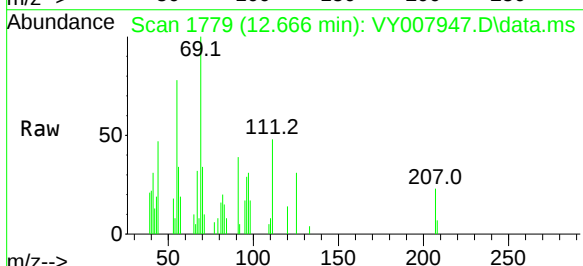
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

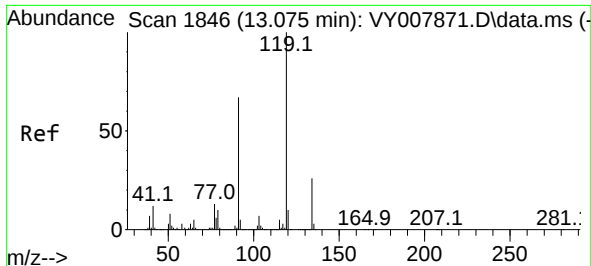
Tgt Ion: 75 Resp: 225
Ion Ratio Lower Upper
75 100
53 71.6 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 39.240 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.189 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 91 Resp: 841
Ion Ratio Lower Upper
91 100
126 42.0 17.0 51.0

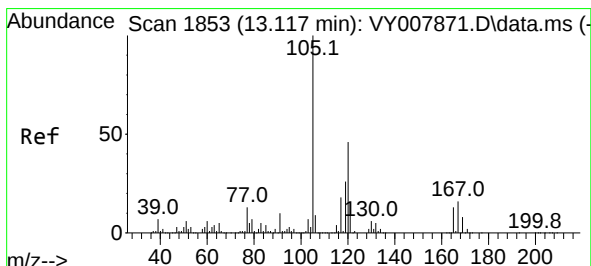
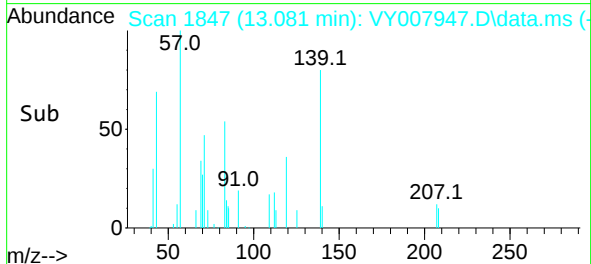
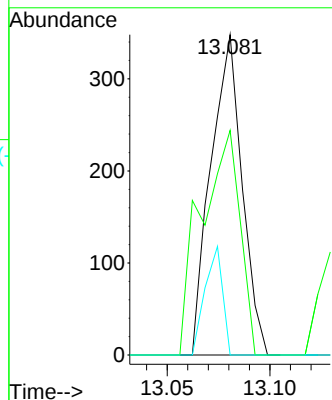
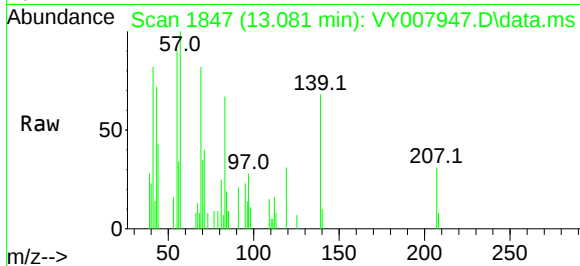




#83
tert-Butylbenzene
Concen: 16.422 ug/l
RT: 13.081 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

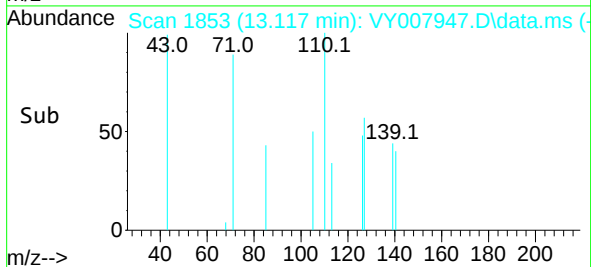
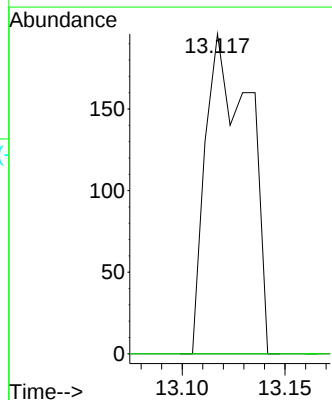
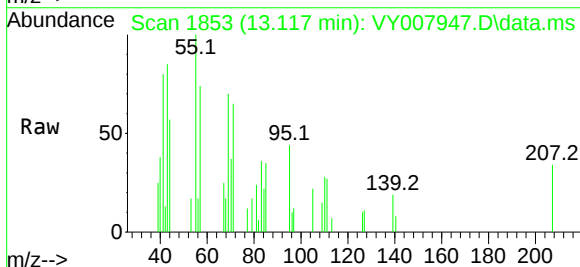
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

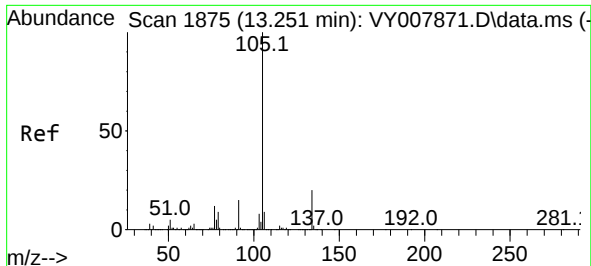
Tgt Ion:119 Resp: 367
Ion Ratio Lower Upper
119 100
91 86.9 34.8 104.4
134 19.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 11.724 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion:105 Resp: 287
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9#

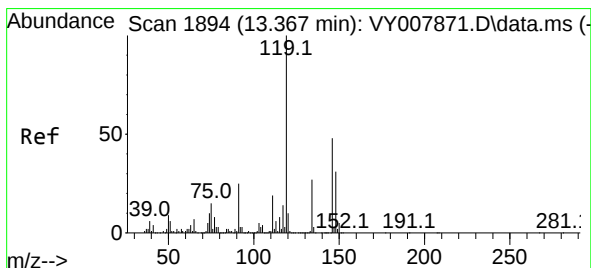
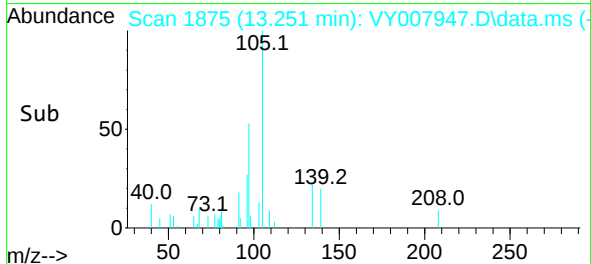
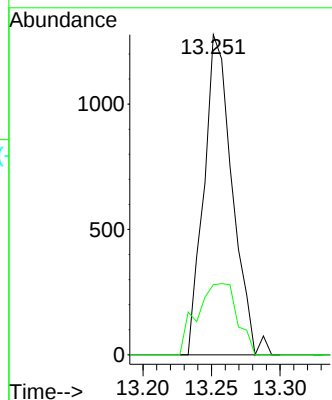
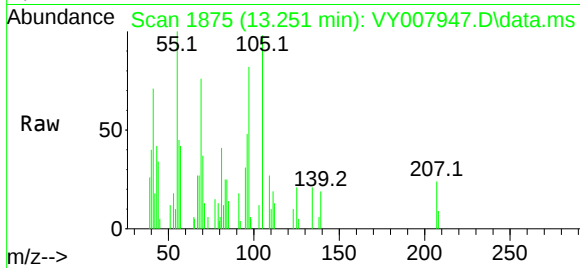




#85
 sec-Butylbenzene
 Concen: 54.849 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007947.D
 Acq: 21 Mar 2022 12:18

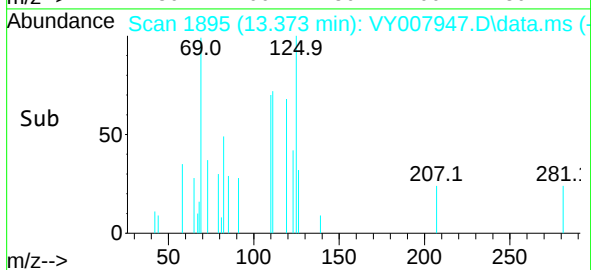
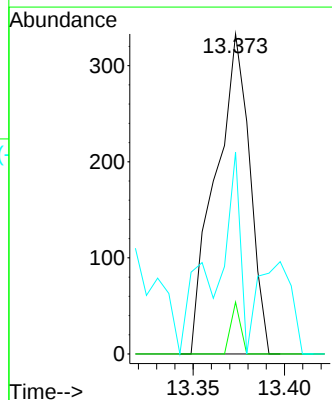
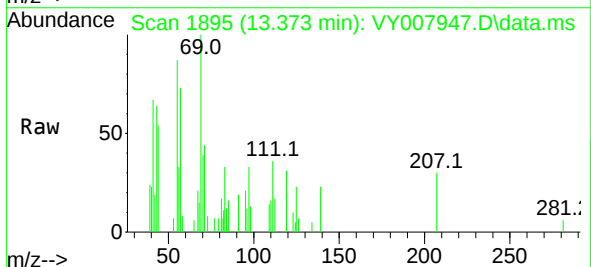
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(10-15)-3-12-22RE

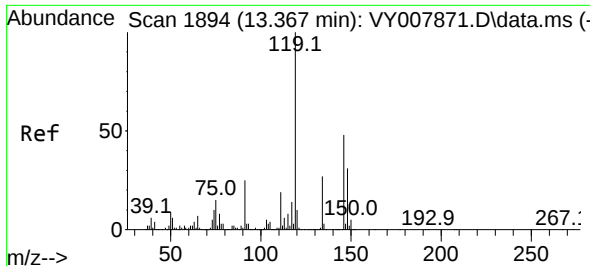
Tgt Ion:105 Resp: 1837
 Ion Ratio Lower Upper
 105 100
 134 31.5 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 15.925 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007947.D
 Acq: 21 Mar 2022 12:18

Tgt Ion:119 Resp: 433
 Ion Ratio Lower Upper
 119 100
 134 4.6 13.2 39.5#
 91 52.4 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 3.615 ug/l

RT: 13.355 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY007947.D

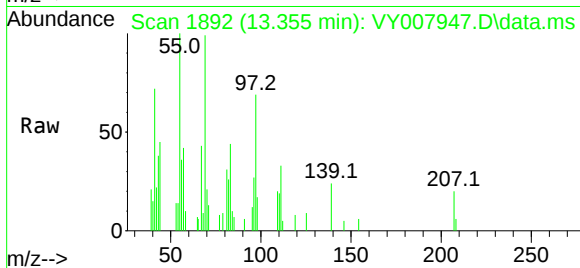
Acq: 21 Mar 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE



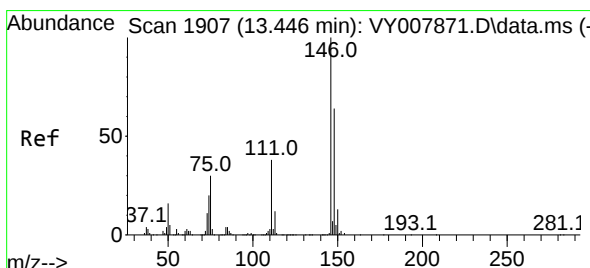
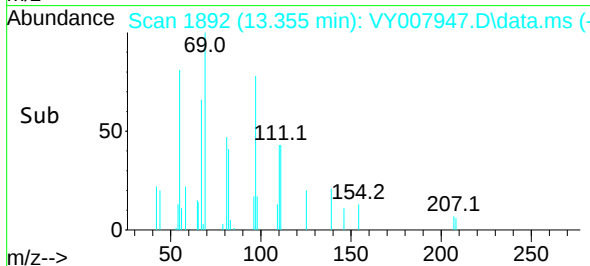
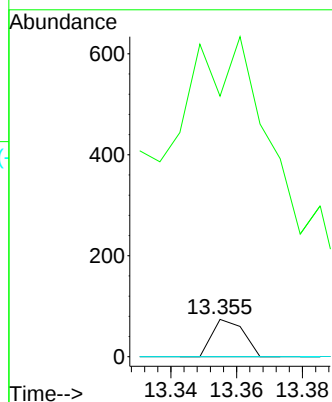
Tgt Ion:146 Resp: 49

Ion Ratio Lower Upper

146 100

111 2812.2 19.5 58.5#

148 0.0 31.6 95.0#



#88

1,4-Dichlorobenzene

Concen: 5.153 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

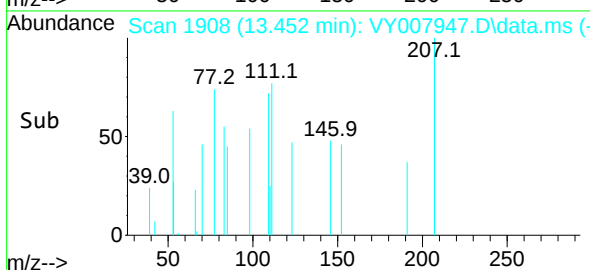
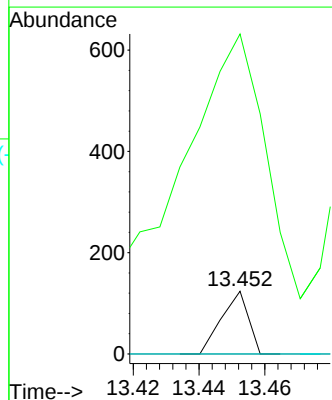
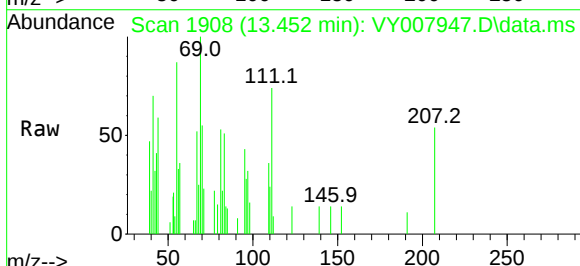
Tgt Ion:146 Resp: 70

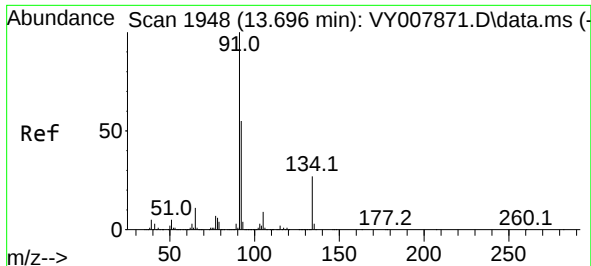
Ion Ratio Lower Upper

146 100

111 1531.4 19.3 57.8#

148 0.0 32.6 97.8#

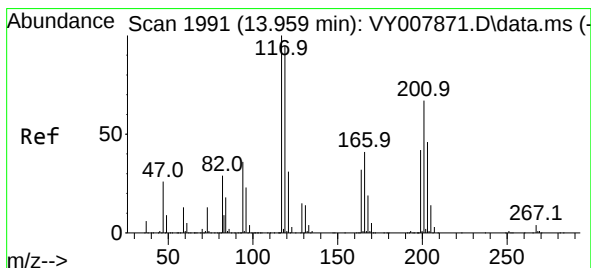
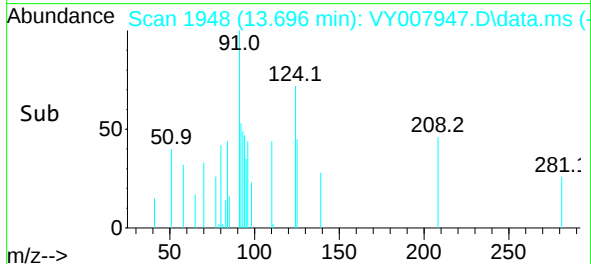
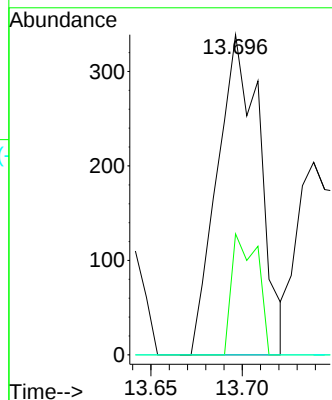
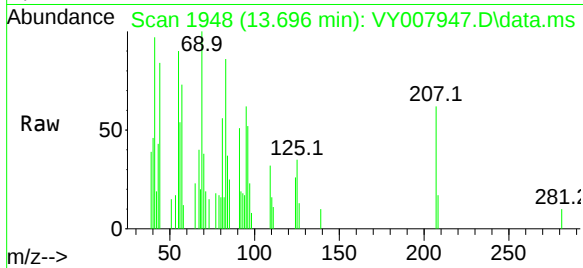




#89
n-Butylbenzene
Concen: 21.117 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

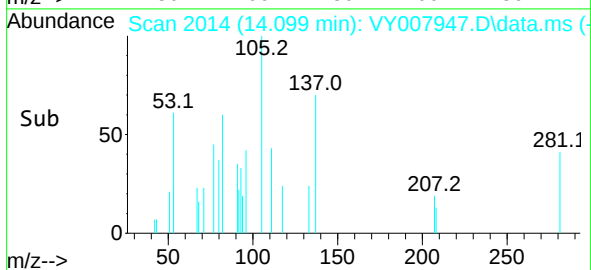
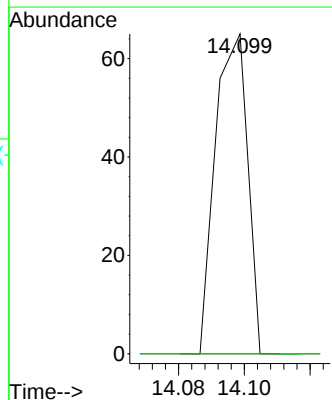
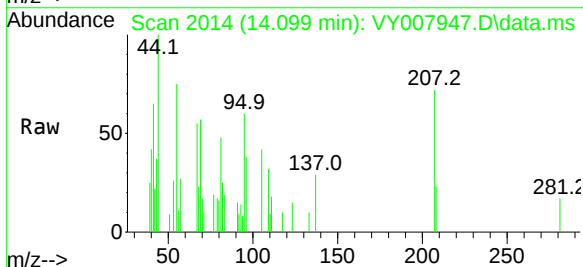
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

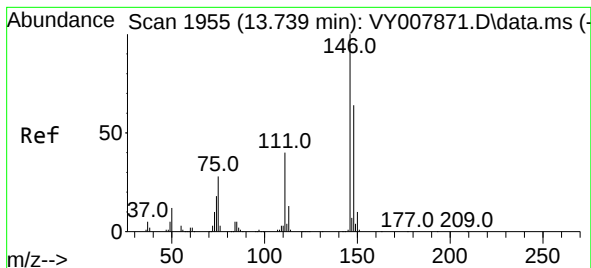
Tgt Ion: 91 Resp: 551
Ion Ratio Lower Upper
91 100
92 22.7 26.3 78.9#
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 8.108 ug/l
RT: 14.099 min Scan# 2014
Delta R.T. 0.134 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 117 Resp: 44
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#





#91

1,2-Dichlorobenzene

Concen: 1.641 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY007947.D

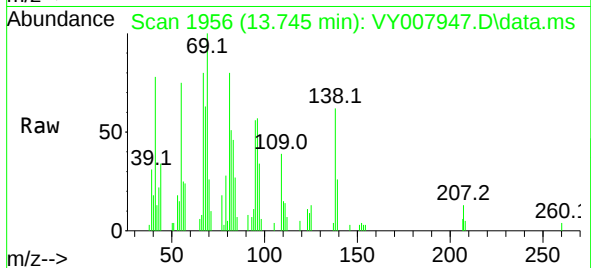
Acq: 21 Mar 2022 12:18

Instrument :

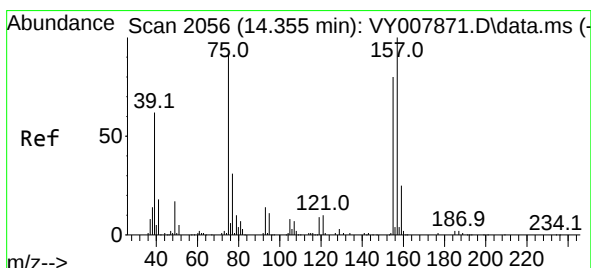
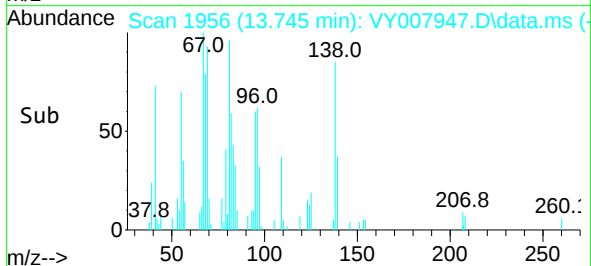
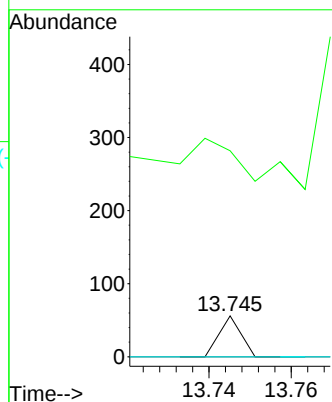
MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE



Tgt Ion:	146	Resp:	20
Ion	Ratio	Lower	Upper
146	100		
111	2560.0	20.3	60.9#
148	0.0	32.3	96.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.895 ug/l

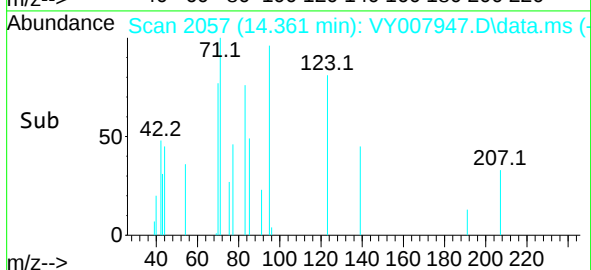
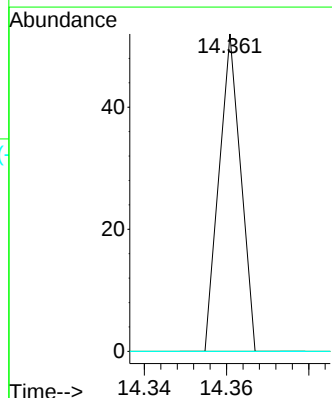
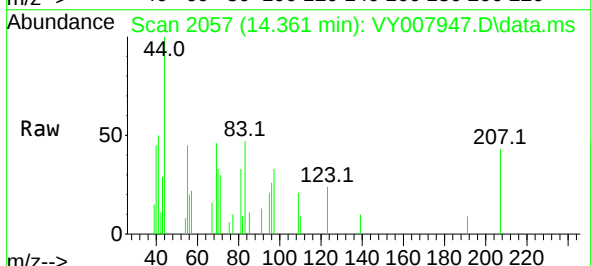
RT: 14.361 min Scan# 2057

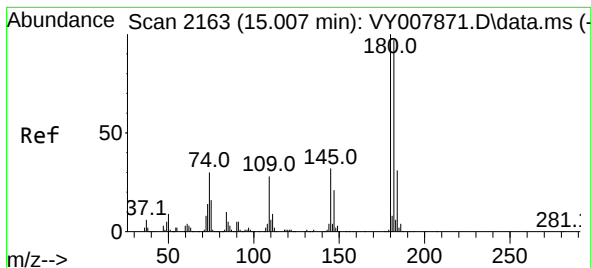
Delta R.T. 0.006 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

Tgt Ion:	75	Resp:	19
Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.0	113.9#
157	0.0	47.8	143.3#





#93

1,2,4-Trichlorobenzene

Concen: 10.251 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY007947.D

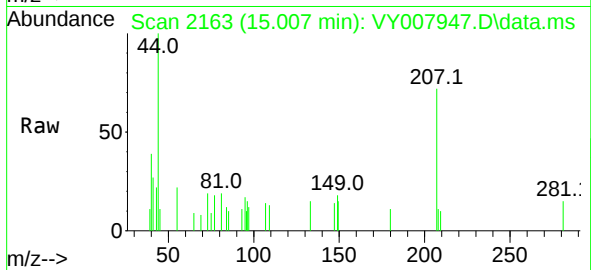
Acq: 21 Mar 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE



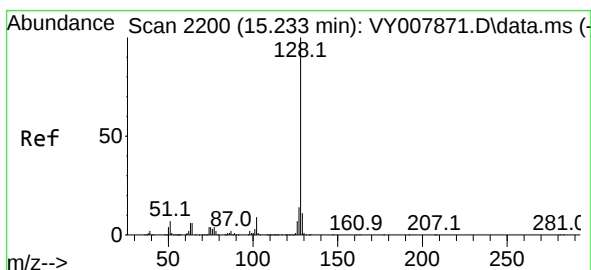
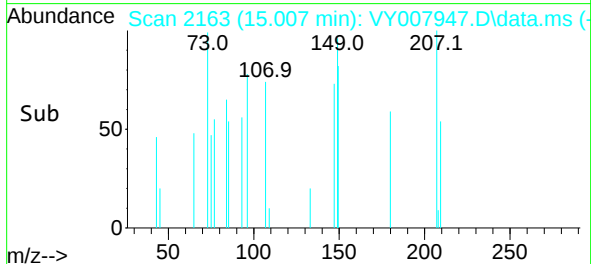
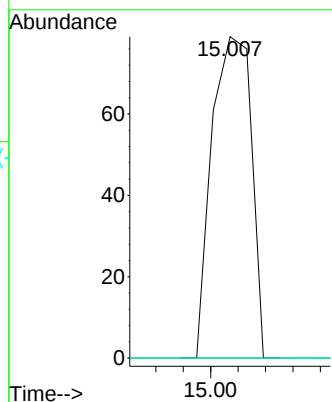
Tgt Ion:180 Resp: 79

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

145 0.0 14.6 43.8#



#95

Naphthalene

Concen: 17.914 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

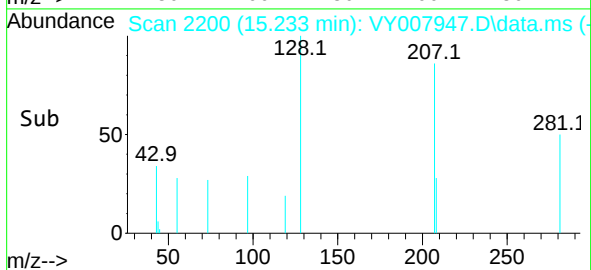
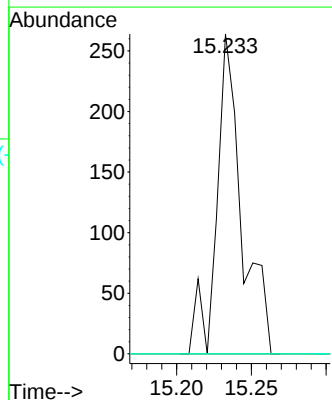
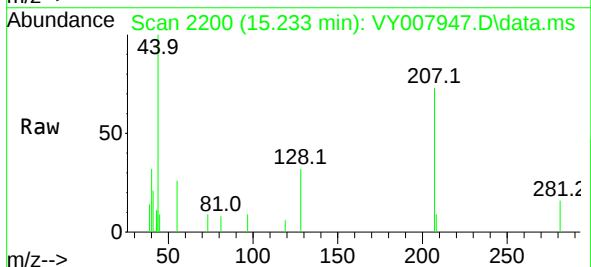
Tgt Ion:128 Resp: 308

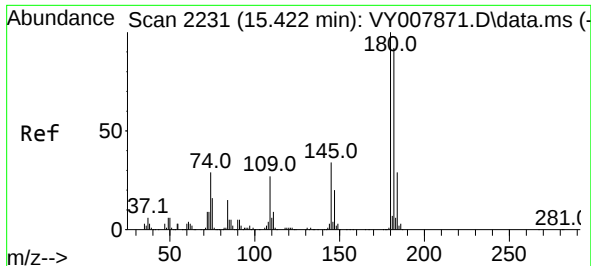
Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

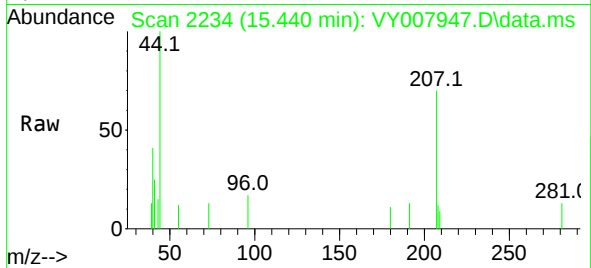
129 0.0 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 7.798 ug/l
 RT: 15.440 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY007947.D
 Acq: 21 Mar 2022 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(10-15)-3-12-22RE



Tgt Ion:	180	Resp:	53
Ion	Ratio	Lower	Upper
180	100		
182	105.7	47.3	141.9
145	0.0	15.3	45.9#

