

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007949.D
 Acq On : 21 Mar 2022 13:05
 Operator : SY/MD
 Sample : N1951-10RE
 Misc : 6.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-8-(30-35)-3-12-22RE

Quant Time: Mar 21 16:04:25 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	7.801	168	972	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.691	114	1753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	1278	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	813	73.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.720%	
35) Dibromofluoromethane	7.709	113	265	21.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 43.060%#	
50) Toluene-d8	10.184	98	2067	56.357	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.483	95	754	42.674	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.340%	
Target Compounds						Qvalue
3) Chloromethane	2.131	50	70	3.423	ug/l	# 1
4) Vinyl Chloride	2.527	62	22	Below Cal	#	43
6) Chloroethane	2.844	64	20	2.516	ug/l	# 43
8) Diethyl Ether	3.558	74	34	5.141	ug/l	# 1
10) Methyl Iodide	4.088	142	24	2.256	ug/l	# 35
12) 1,1-Dichloroethene	3.869	96	131	12.412	ug/l	# 1
14) Allyl chloride	4.472	41	67	3.774	ug/l	# 63
15) Acrylonitrile	5.252	53	20	5.674	ug/l	# 17
16) Acetone	3.942	43	420	142.855	ug/l	# 47
18) Methyl Acetate	4.466	43	93	8.493	ug/l	# 56
19) Methyl tert-butyl Ether	5.265	73	59	1.782	ug/l	# 52
21) trans-1,2-Dichloroethene	5.234	96	41	3.470	ug/l	# 1
23) Vinyl Acetate	6.082	43	78	3.261	ug/l	# 75
25) 2-Butanone	7.020	43	127	26.968	ug/l	# 54
27) cis-1,2-Dichloroethene	6.972	96	108	7.615	ug/l	# 1
29) Tetrahydrofuran	7.362	42	96	31.815	ug/l	# 38
37) Ethyl Acetate	7.069	43	69	6.193	ug/l	# 72
39) Methylcyclohexane	9.203	83	25	Below Cal	#	31
41) Methacrylonitrile	7.313	41	227	33.036	ug/l	# 23
43) Isopropyl Acetate	8.258	43	302	14.060	ug/l	# 56
46) Dibromomethane	9.130	93	63	7.795	ug/l	# 3
47) Bromodichloromethane	9.483	83	150	7.682	ug/l	# 24
48) Methyl methacrylate	9.294	41	120	12.559	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.099	43	243	21.472	ug/l	# 40
52) Toluene	10.514	92	45	1.313	ug/l	# 1
55) 1,1,2-Trichloroethane	10.642	97	268	22.823	ug/l	# 15
56) Ethyl methacrylate	10.514	69	94	5.576	ug/l	# 13
59) 2-Hexanone	10.630	43	108	13.345	ug/l	65
60) Dibromochloromethane	10.879	129	31	2.204	ug/l	85
61) 1,2-Dibromoethane	11.032	107	209	18.398	ug/l	87
64) Tetrachloroethene	10.562	164	18	1.810	ug/l	# 1
65) Chlorobenzene	11.276	112	42	1.372	ug/l	# 42
66) 1,1,1,2-Tetrachloroethane	11.599	131	123	10.671	ug/l	64
67) Ethyl Benzene	11.581	91	75	1.375	ug/l	# 44
68) m/p-Xylenes	11.702	106	147	6.910	ug/l	# 1
69) o-Xylene	12.123	106	182	8.845	ug/l	90

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

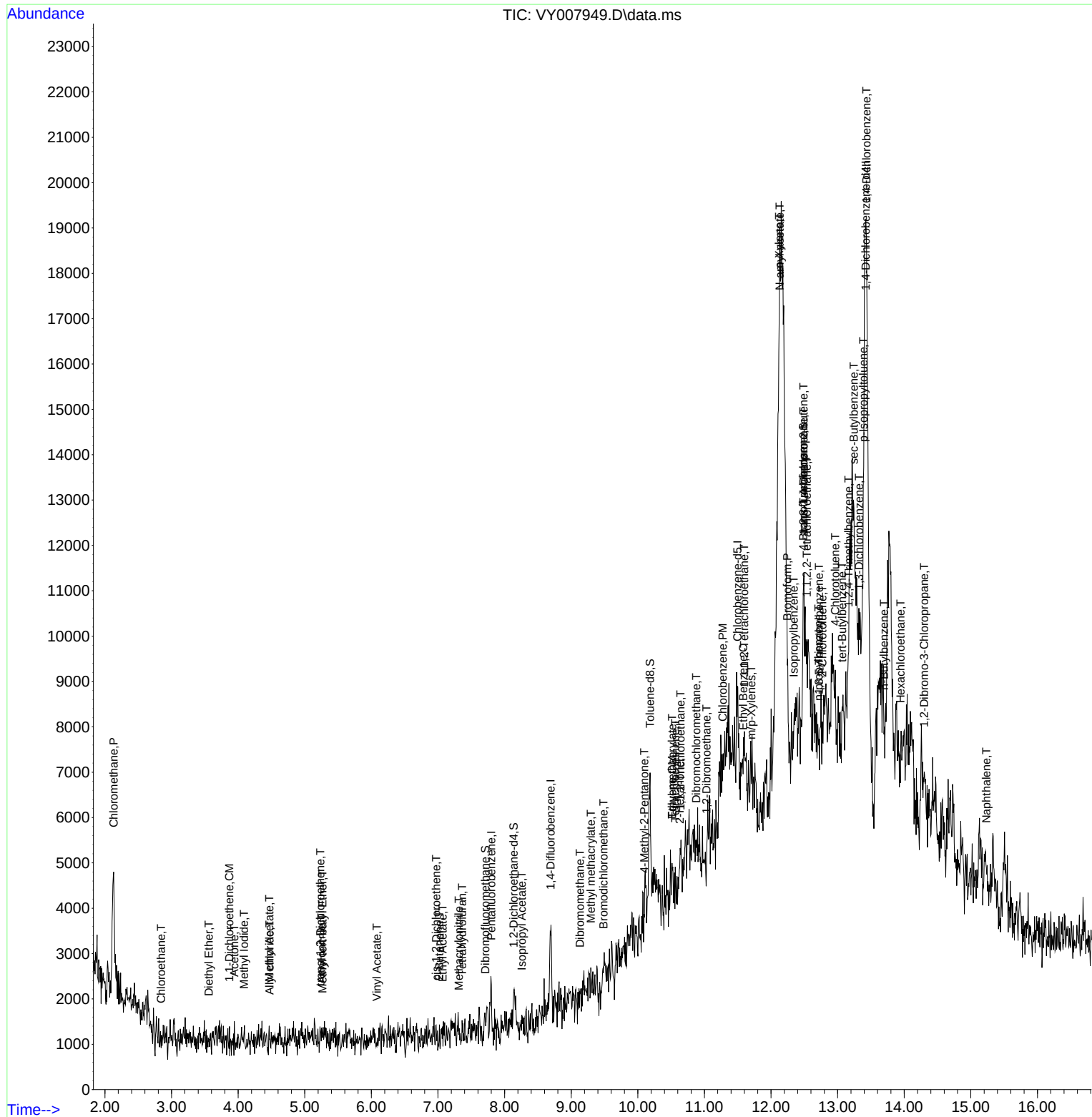
71) Bromoform	12.245	173	39	5.282	ug/l #	28
73) Isopropylbenzene	12.343	105	191	4.568	ug/l #	48
74) N-amyl acetate	12.129	43	575	46.614	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.538	83	234	26.000	ug/l	96
76) 1,2,3-Trichloropropane	12.489	75	188	27.768	ug/l #	100
78) n-propylbenzene	12.714	91	189	3.744	ug/l	81
79) 2-Chlorotoluene	12.769	91	93	3.274	ug/l	78
80) 1,3,5-Trimethylbenzene	12.721	105	149	4.333	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.489	75	188	58.324	ug/l #	64
82) 4-Chlorotoluene	12.964	91	152	5.151	ug/l	72
83) tert-Butylbenzene	13.068	119	229	7.443	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.166	105	358	10.621	ug/l #	31
85) sec-Butylbenzene	13.245	105	255	5.530	ug/l #	56
86) p-Isopropyltoluene	13.385	119	138	3.686	ug/l #	41
87) 1,3-Dichlorobenzene	13.324	146	26	1.393	ug/l #	1
88) 1,4-Dichlorobenzene	13.434	146	30	1.604	ug/l #	1
89) n-Butylbenzene	13.696	91	201	5.595	ug/l #	58
90) Hexachloroethane	13.946	117	57	7.629	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.300	75	23	14.855	ug/l #	4
95) Naphthalene	15.232	128	33	1.394	ug/l #	1

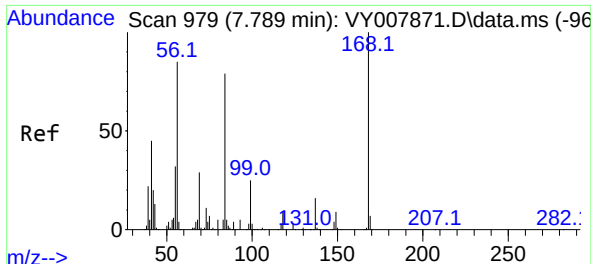
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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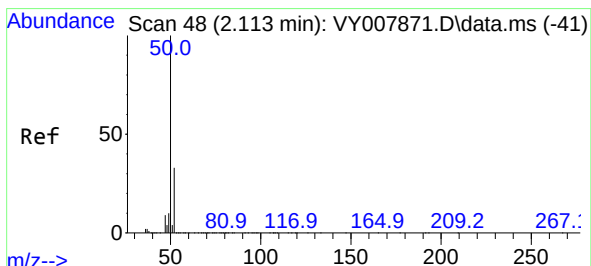
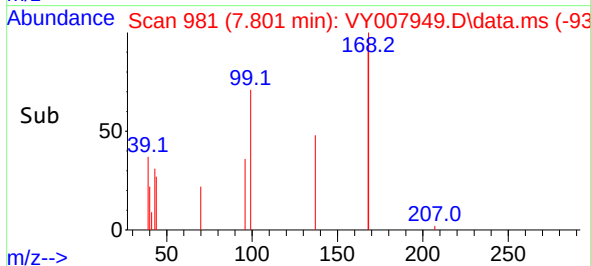
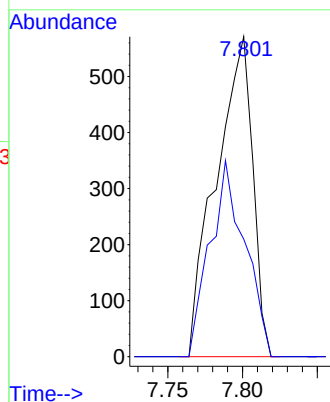
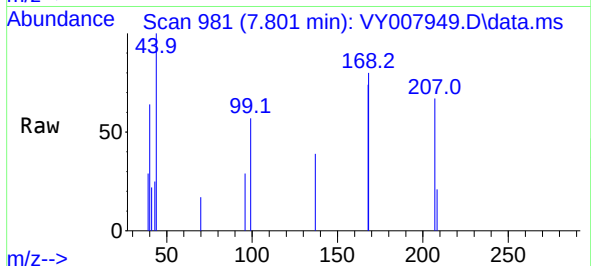




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
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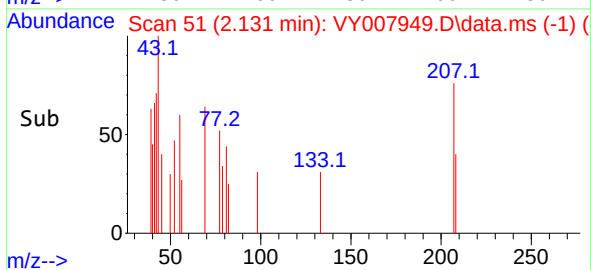
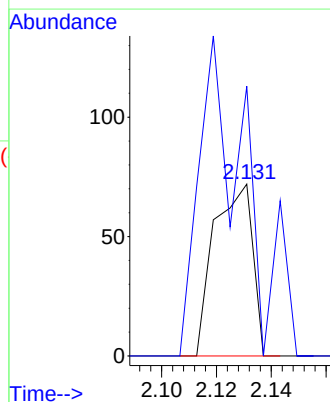
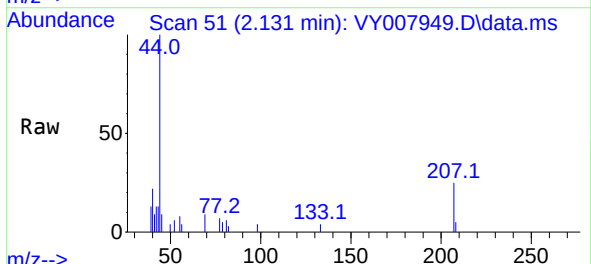
Instrument :
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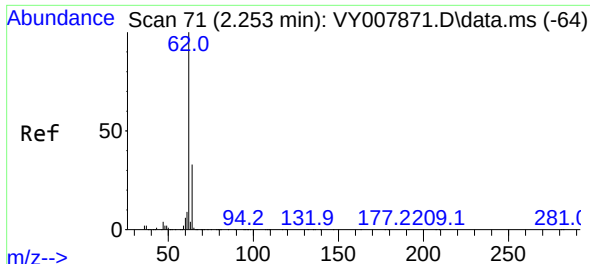
Tgt Ion:168 Resp: 972
Ion Ratio Lower Upper
168 100
99 36.8 46.9 70.3#



#3
Chloromethane
Concen: 3.423 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 50 Resp: 70
Ion Ratio Lower Upper
50 100
52 156.9 24.6 37.0#

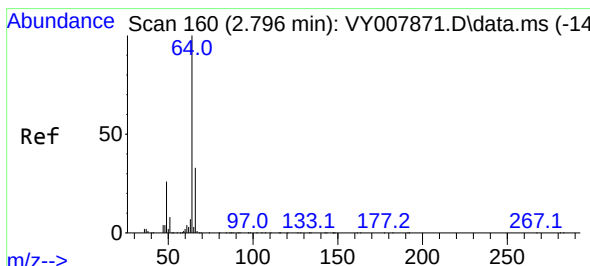
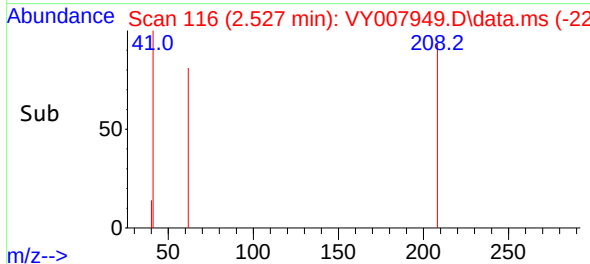
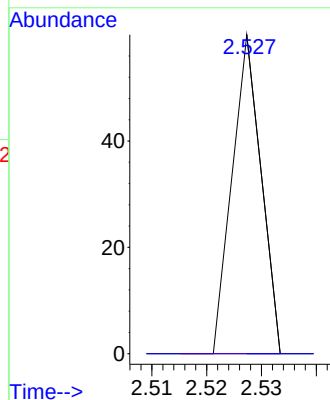
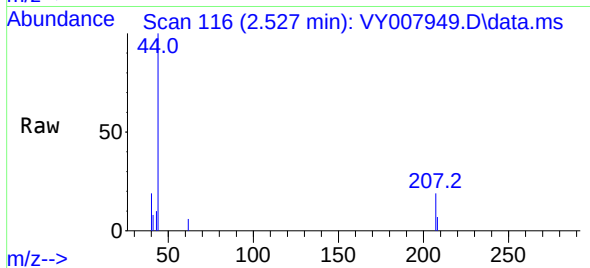




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.527 min Scan# 116
 Delta R.T. 0.274 min
 Lab File: VY007949.D
 Acq: 21 Mar 2022 13:05

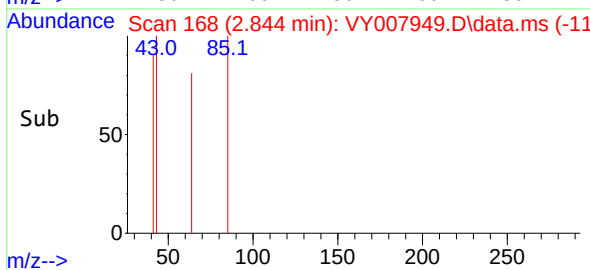
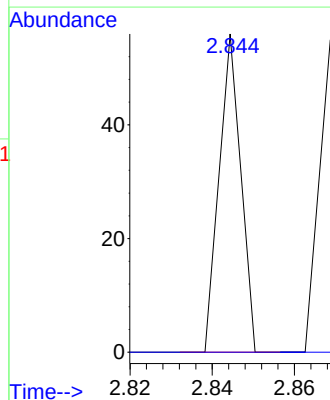
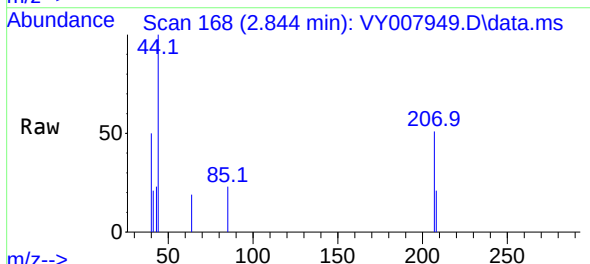
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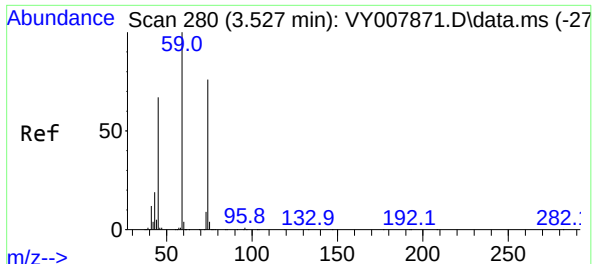
Tgt Ion: 62 Resp: 22
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#6
 Chloroethane
 Concen: 2.516 ug/l
 RT: 2.844 min Scan# 168
 Delta R.T. 0.048 min
 Lab File: VY007949.D
 Acq: 21 Mar 2022 13:05

Tgt Ion: 64 Resp: 20
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.4 38.0#

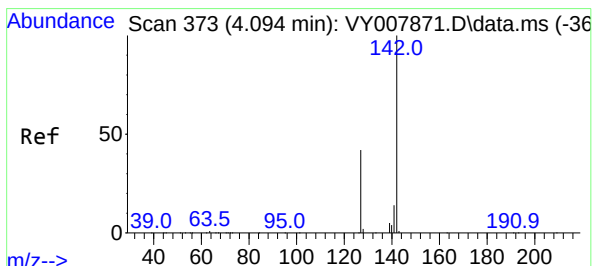
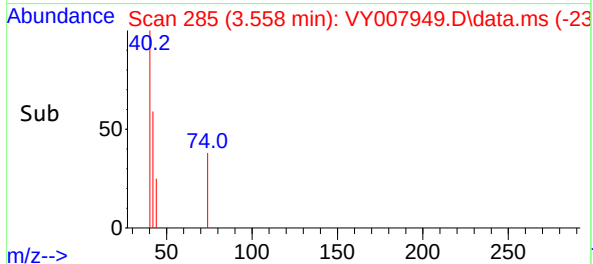
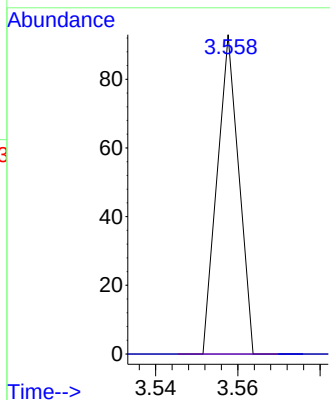
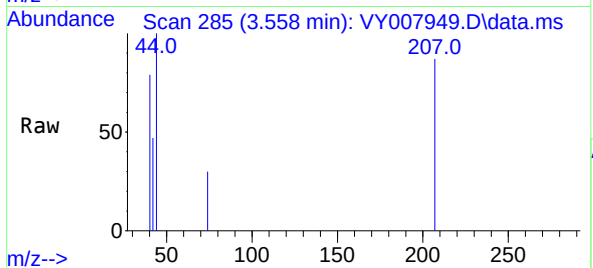




#8
Diethyl Ether
Concen: 5.141 ug/l
RT: 3.558 min Scan# 21
Delta R.T. 0.030 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

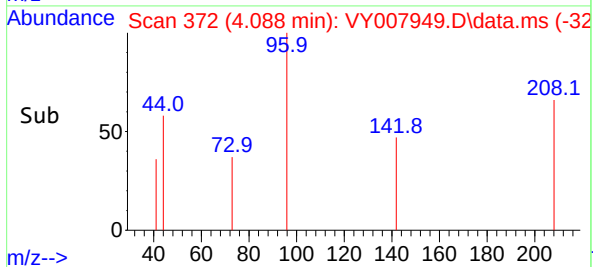
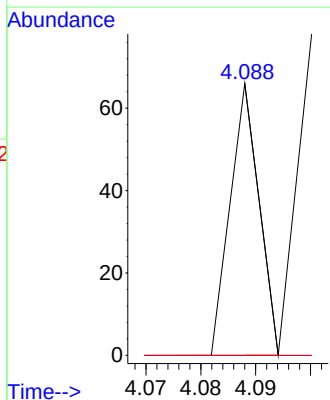
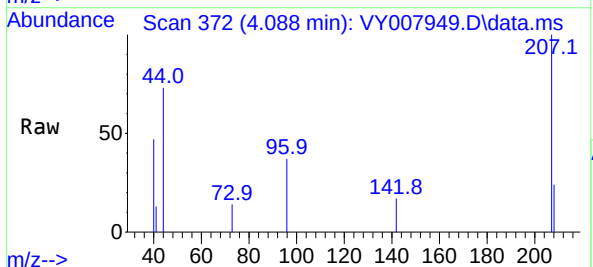
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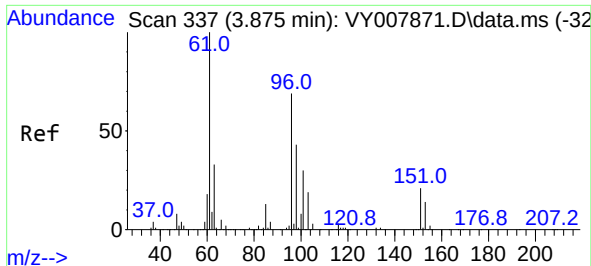
Tgt Ion: 74 Resp: 34
Ion Ratio Lower Upper
74 100
45 0.0 55.1 165.5#



#10
Methyl Iodide
Concen: 2.256 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

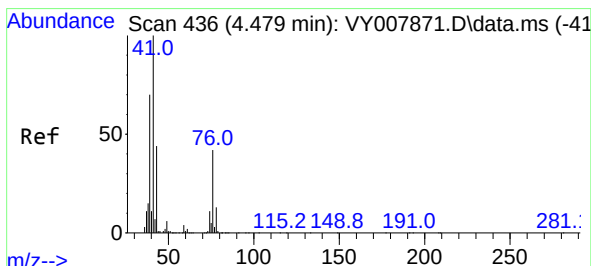
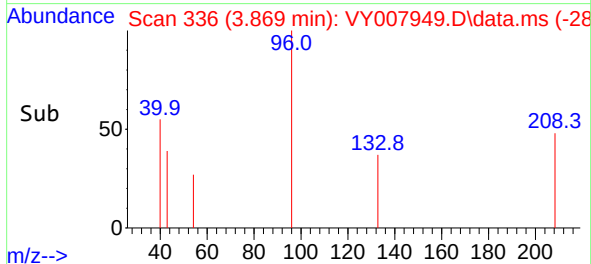
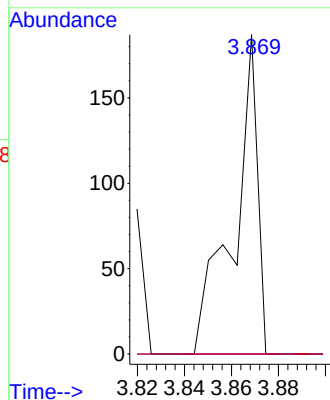
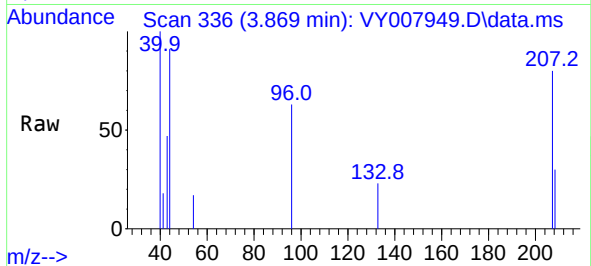




#12
1,1-Dichloroethene
Concen: 12.412 ug/l
RT: 3.869 min Scan# 31
Delta R.T. -0.007 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

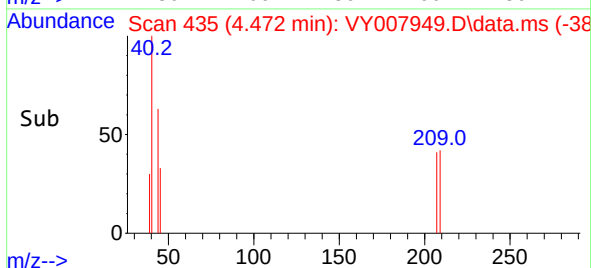
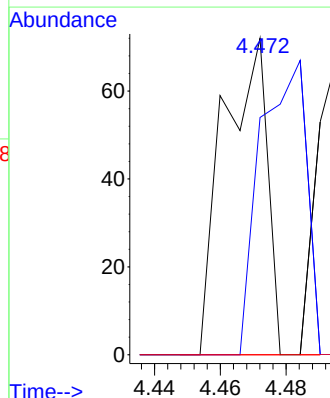
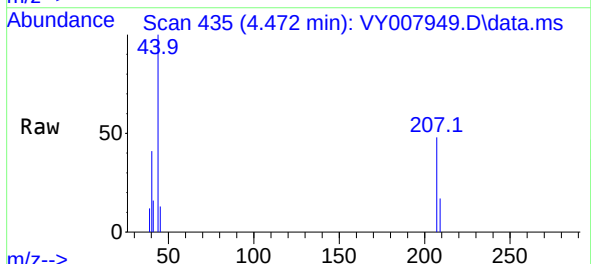
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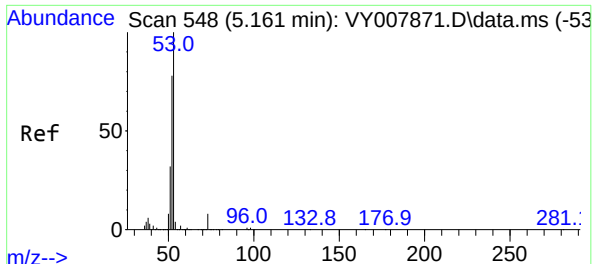
Tgt Ion: 96 Resp: 131
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#



#14
Allyl chloride
Concen: 3.774 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 41 Resp: 67
Ion Ratio Lower Upper
41 100
39 97.0 58.8 88.2#
76 0.0 25.1 37.7#





#15

Acrylonitrile

Concen: 5.674 ug/l

RT: 5.252 min Scan# 5

Delta R.T. 0.091 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

DB-8-(30-35)-3-12-22RE

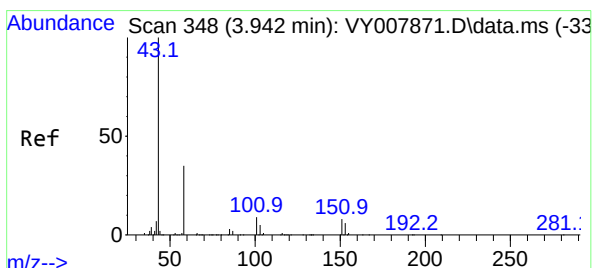
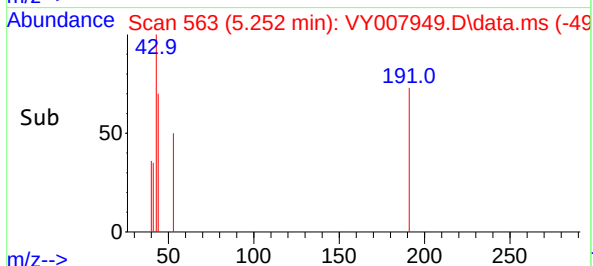
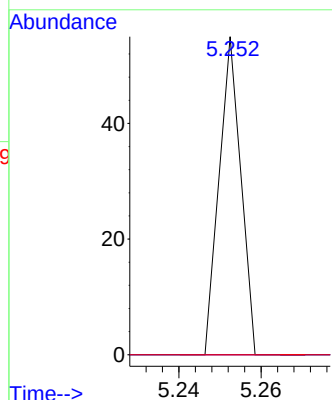
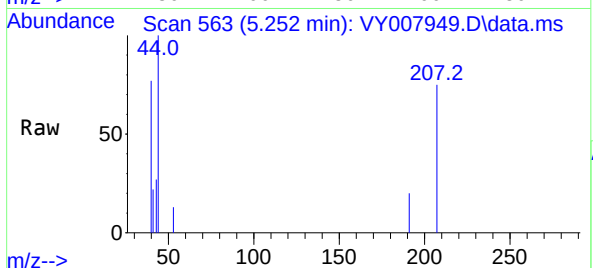
Tgt Ion: 53 Resp: 20

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

51 0.0 29.8 44.6#



#16

Acetone

Concen: 142.855 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY007949.D

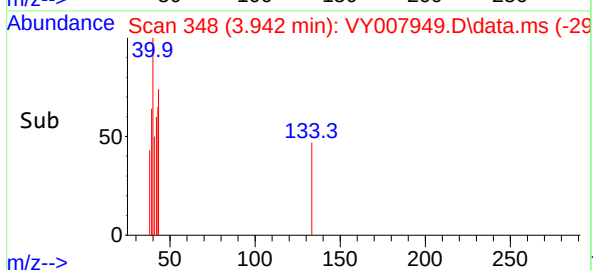
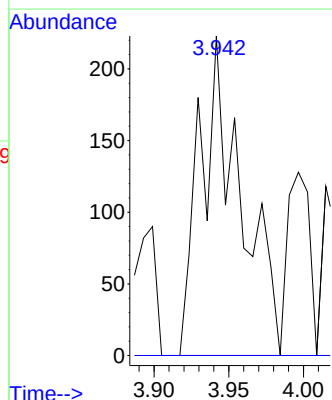
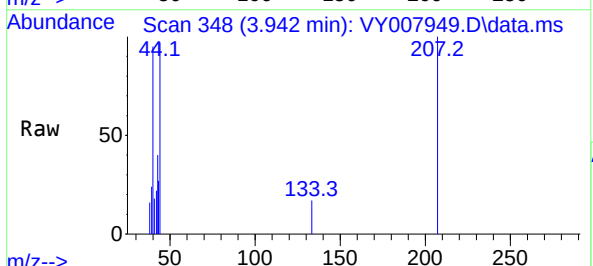
Acq: 21 Mar 2022 13:05

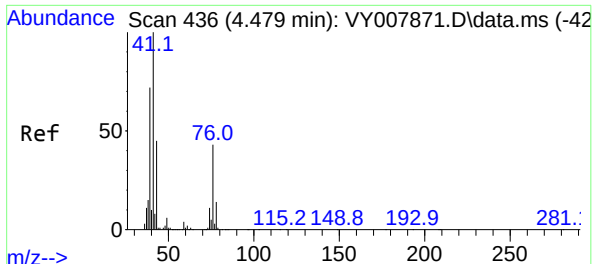
Tgt Ion: 43 Resp: 420

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#

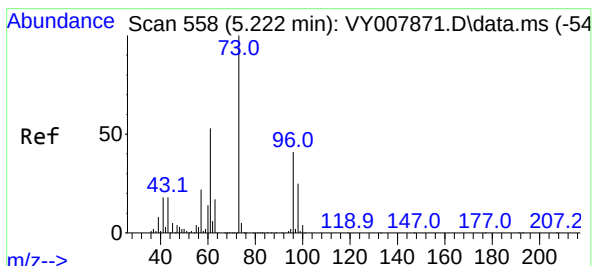
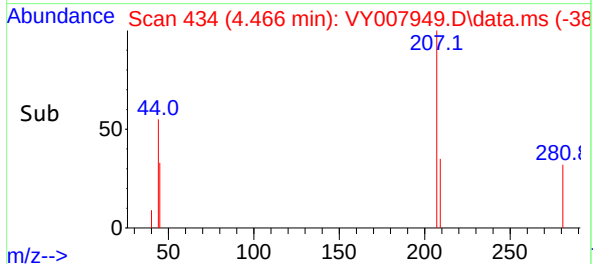
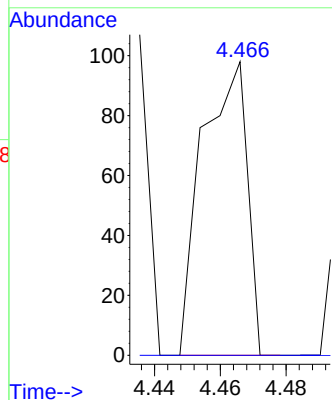
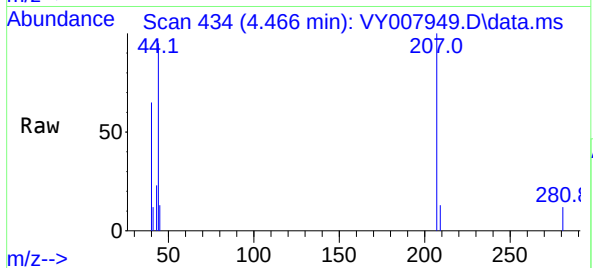




#18
Methyl Acetate
Concen: 8.493 ug/l
RT: 4.466 min Scan# 41
Delta R.T. -0.007 min
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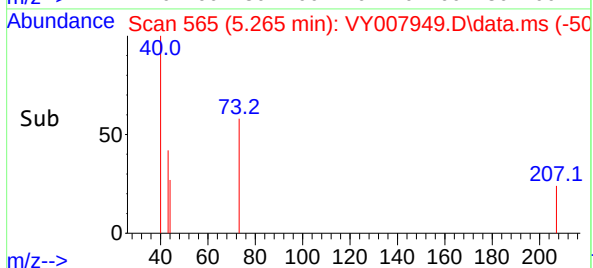
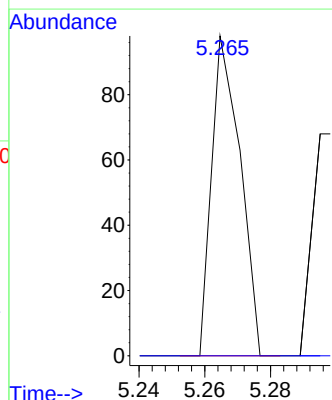
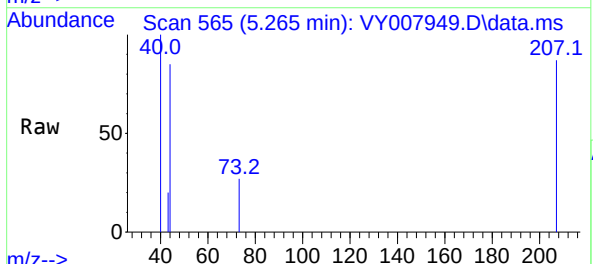
Instrument :
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ClientSampleId :
DB-8-(30-35)-3-12-22RE

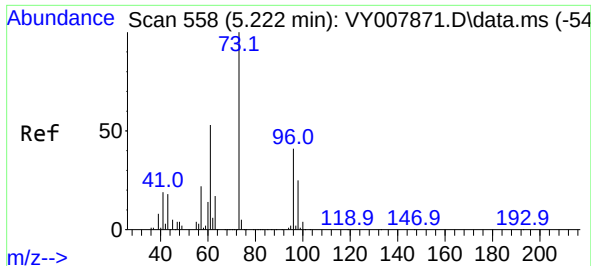
Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#19
Methyl tert-butyl Ether
Concen: 1.782 ug/l
RT: 5.265 min Scan# 565
Delta R.T. 0.042 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 73 Resp: 59
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#

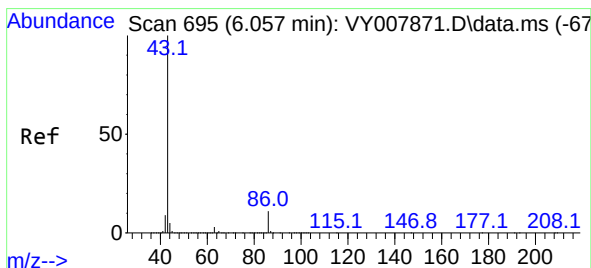
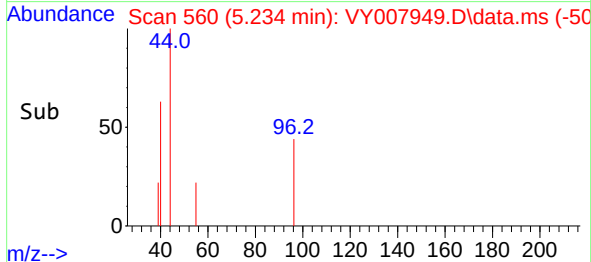
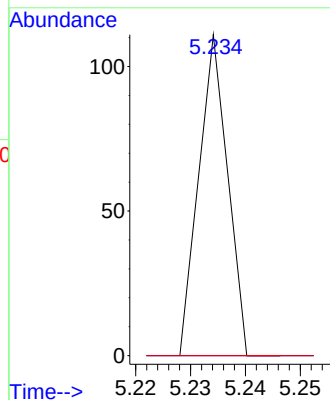
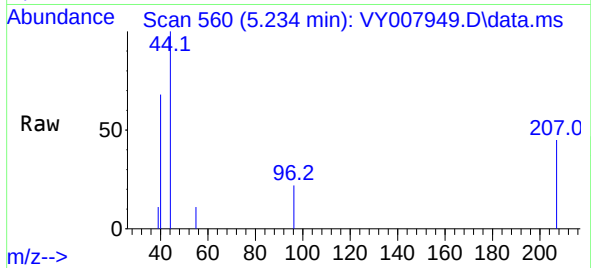




#21
trans-1,2-Dichloroethene
Concen: 3.470 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

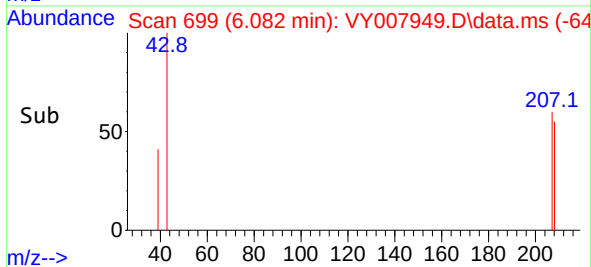
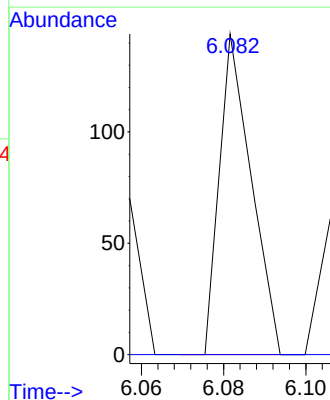
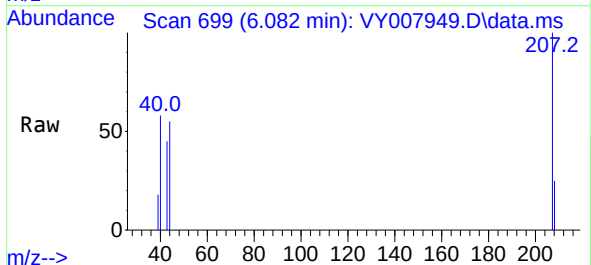
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

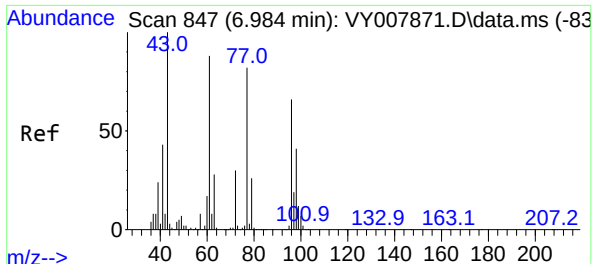
Tgt Ion: 96 Resp: 41
Ion Ratio Lower Upper
96 100
61 0.0 120.5 180.7#
98 0.0 49.8 74.8#



#23
Vinyl Acetate
Concen: 3.261 ug/l
RT: 6.082 min Scan# 699
Delta R.T. 0.024 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#

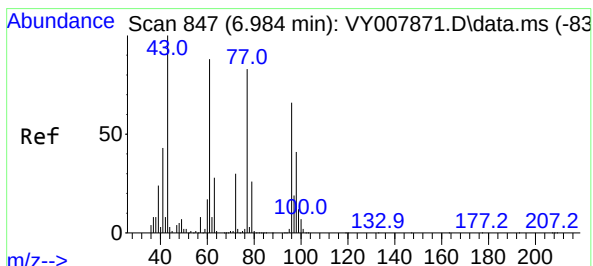
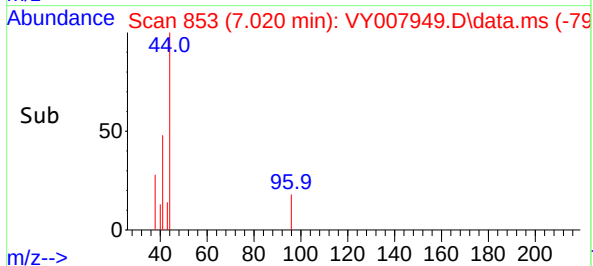
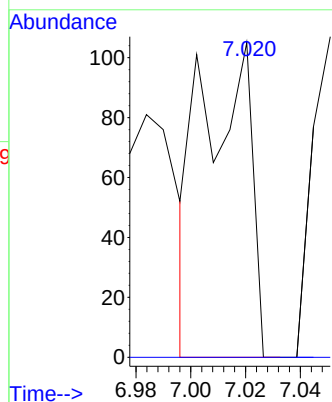
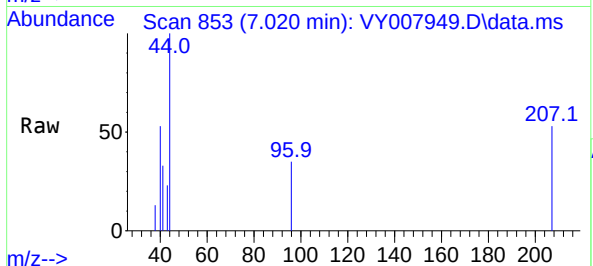




#25
2-Butanone
Concen: 26.968 ug/l
RT: 7.020 min Scan# 81
Delta R.T. 0.036 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

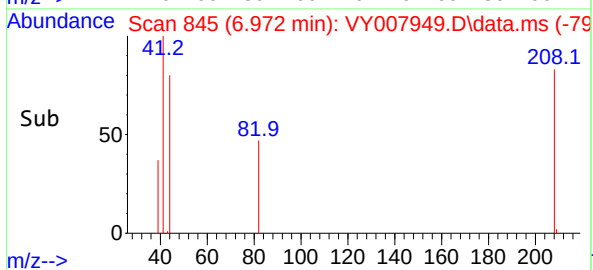
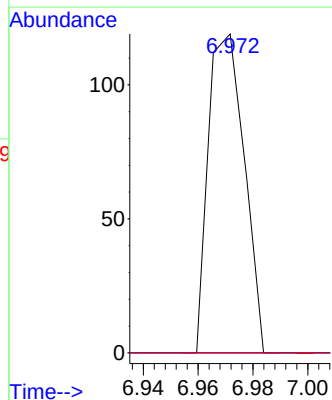
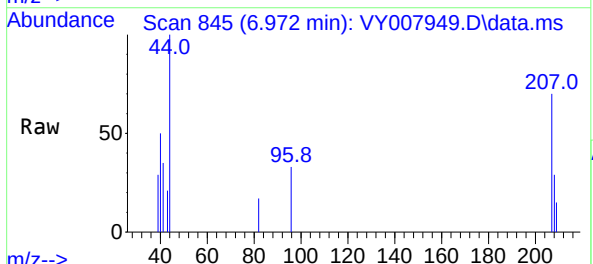
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

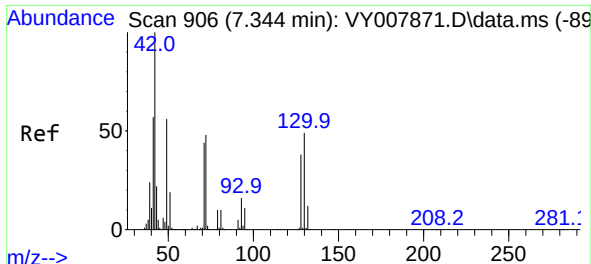
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#27
cis-1,2-Dichloroethene
Concen: 7.615 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.013 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 96 Resp: 108
Ion Ratio Lower Upper
96 100
61 0.0 0.0 319.8
98 0.0 0.0 127.0

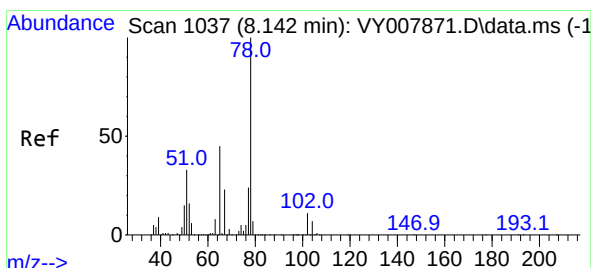
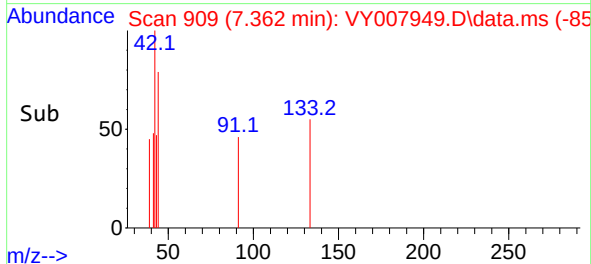
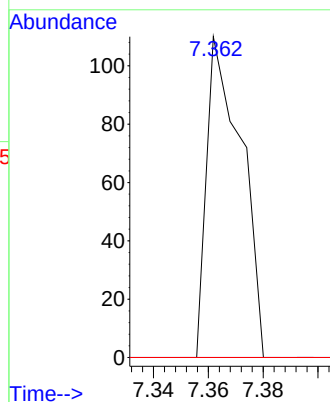
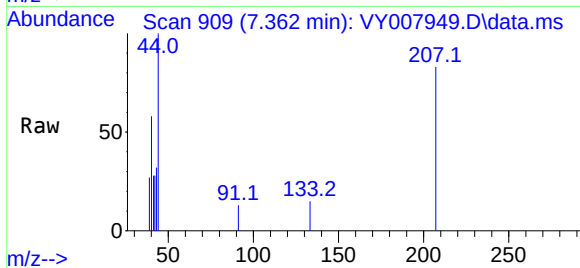




#29
Tetrahydrofuran
Concen: 31.815 ug/l
RT: 7.362 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

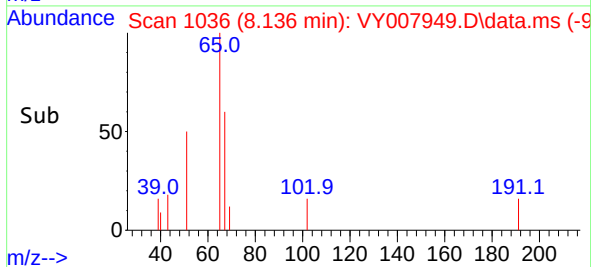
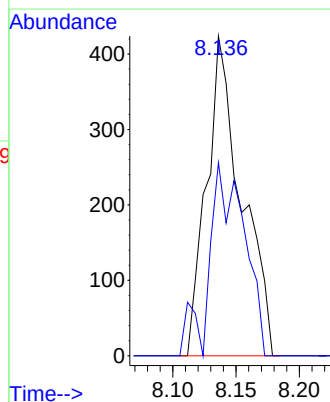
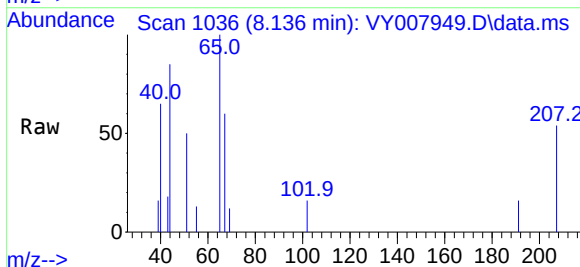
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

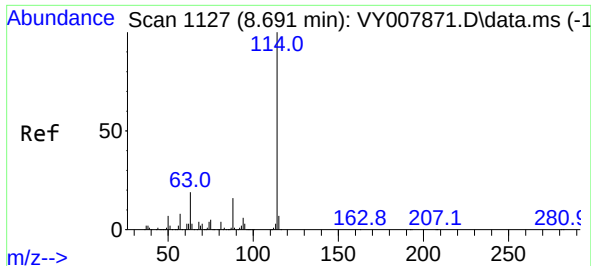
Tgt Ion: 42	Resp: 96
Ion Ratio	Lower Upper
42 100	
72 0.0	30.3 45.5#
71 0.0	29.0 43.4#



#33
1,2-Dichloroethane-d4
Concen: 73.358 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 65	Resp: 813
Ion Ratio	Lower Upper
65 100	
67 61.1	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: VY007949.D

Acq: 21 Mar 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

DB-8-(30-35)-3-12-22RE

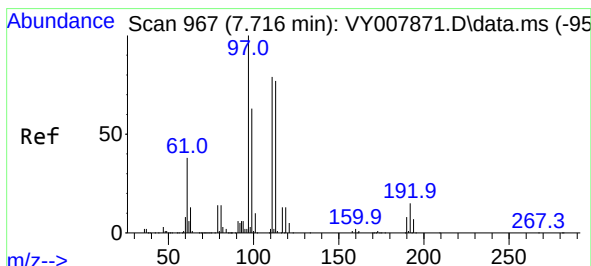
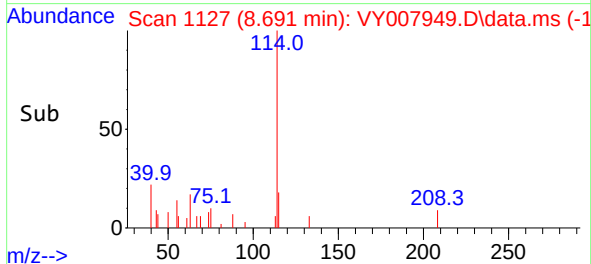
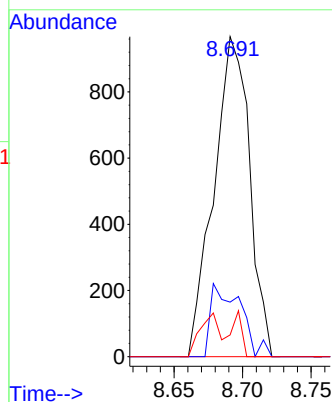
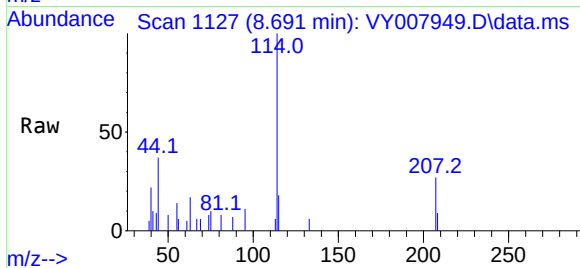
Tgt Ion:114 Resp: 1753

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 6.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 21.525 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

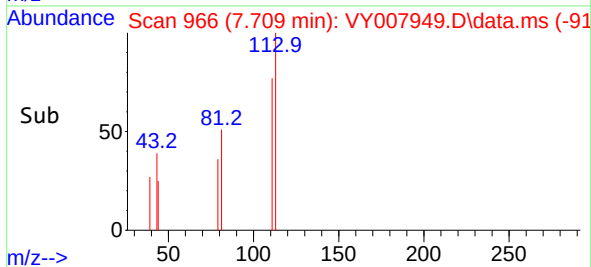
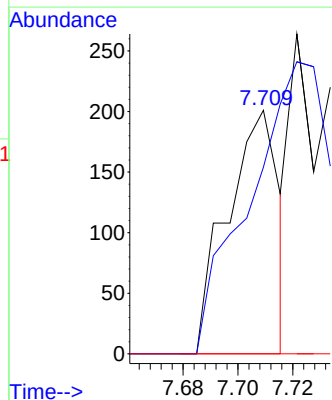
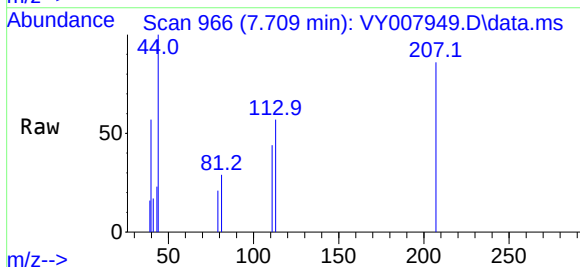
Tgt Ion:113 Resp: 265

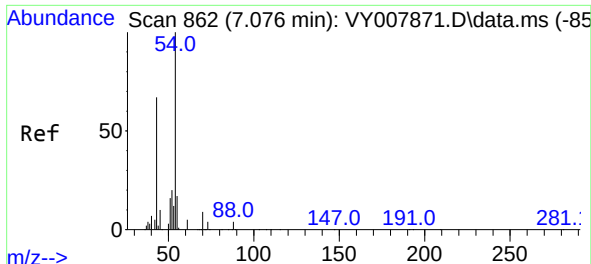
Ion Ratio Lower Upper

113 100

111 0.0 82.6 124.0#

192 0.0 17.6 26.4#

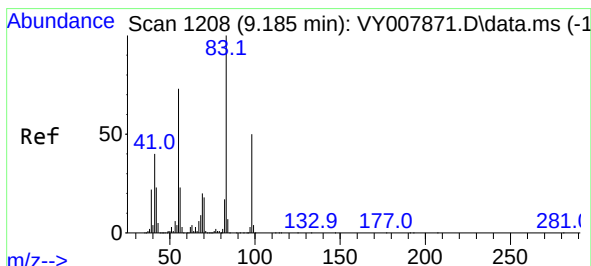
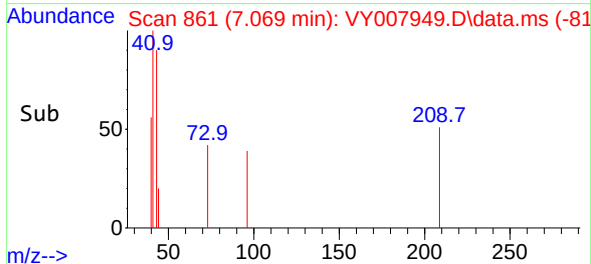
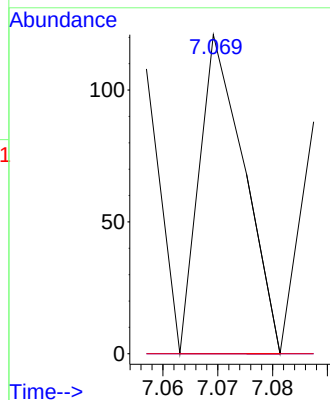
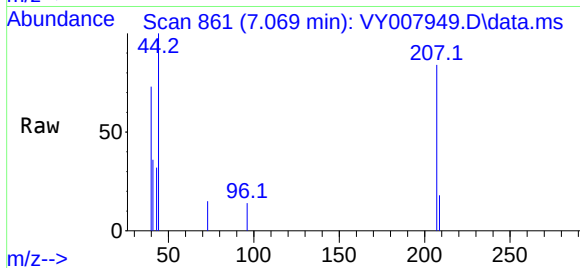




#37
Ethyl Acetate
Concen: 6.193 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

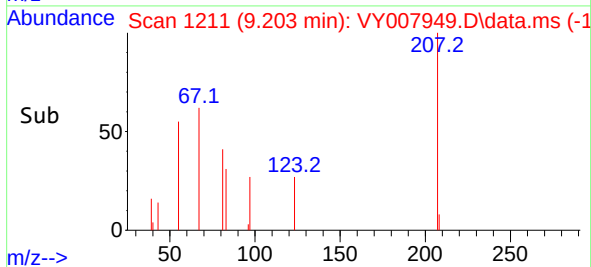
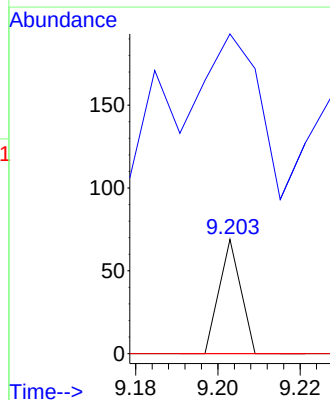
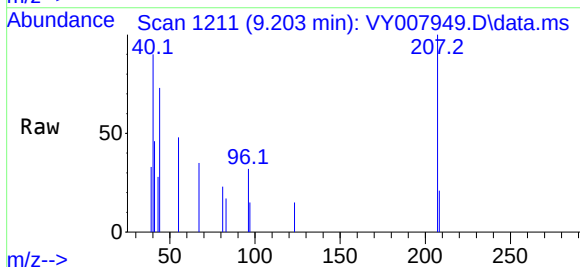
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

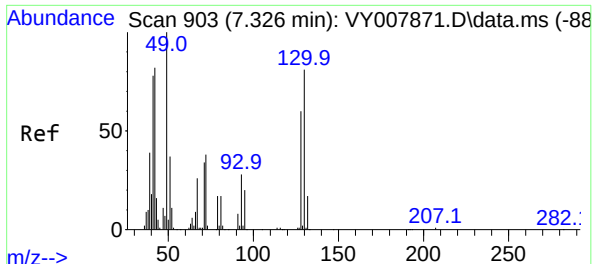
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.203 min Scan# 1211
Delta R.T. 0.018 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 83 Resp: 25
Ion Ratio Lower Upper
83 100
55 144.9 66.5 99.7#
98 0.0 37.9 56.9#



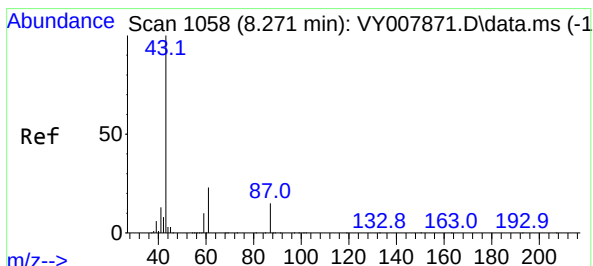
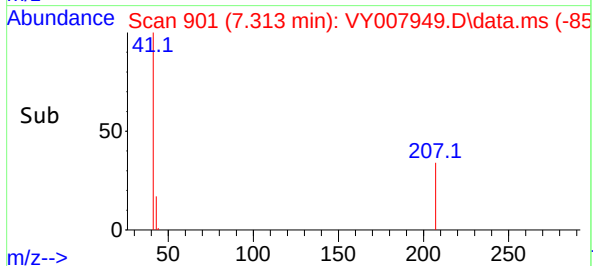
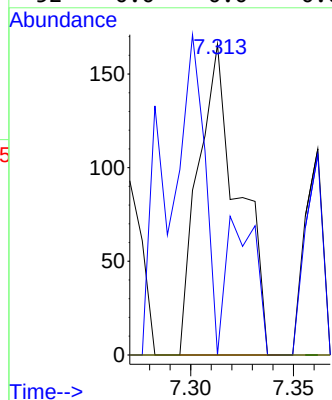
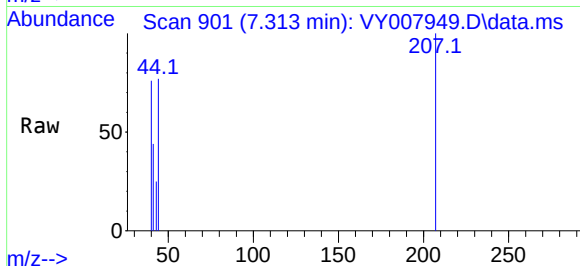


#41
Methacrylonitrile
Concen: 33.036 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

Tgt Ion: 41 Resp: 227

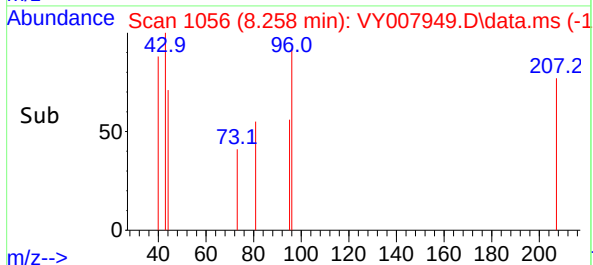
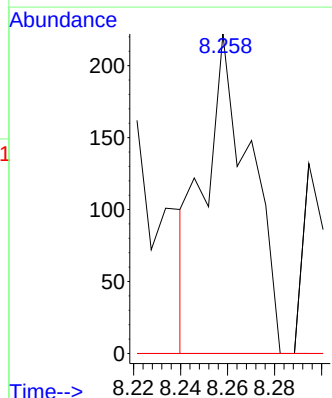
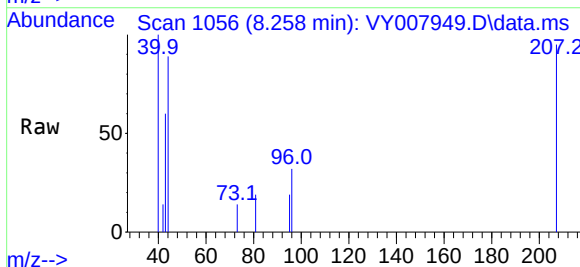
Ion	Ratio	Lower	Upper
41	100		
39	32.6	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

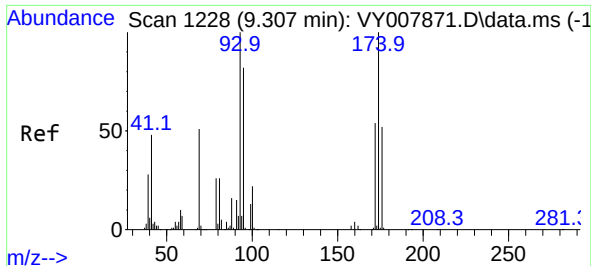


#43
Isopropyl Acetate
Concen: 14.060 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.013 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 43 Resp: 302

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.2	30.2#
87	0.0	8.9	13.3#

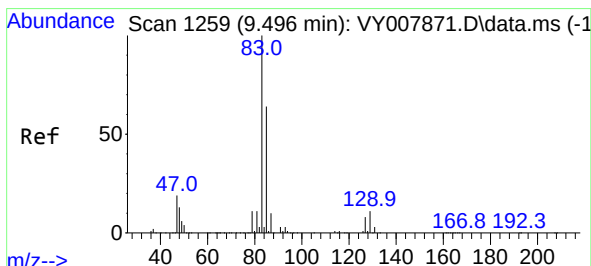
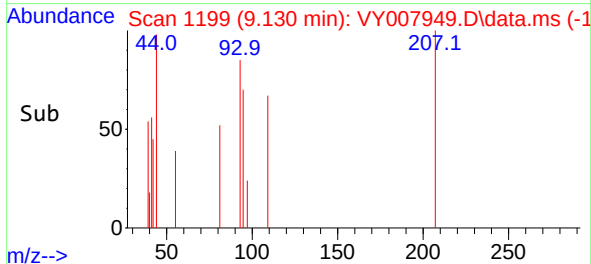
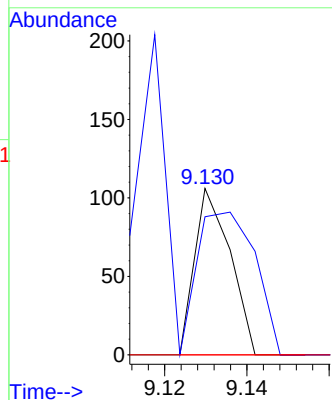
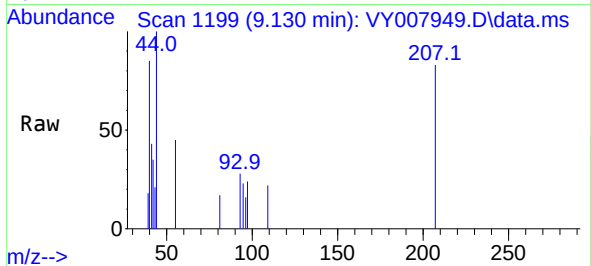




#46
Dibromomethane
Concen: 7.795 ug/l
RT: 9.130 min Scan# 1199
Delta R.T. -0.177 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

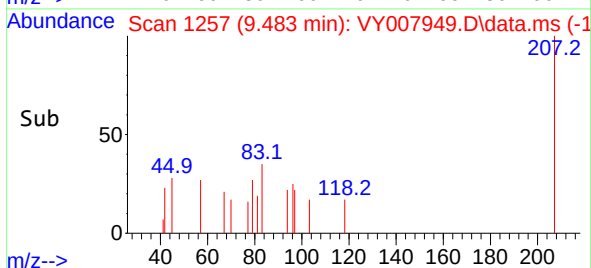
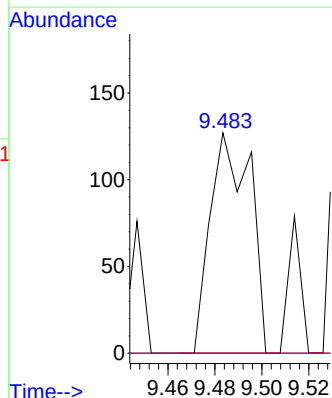
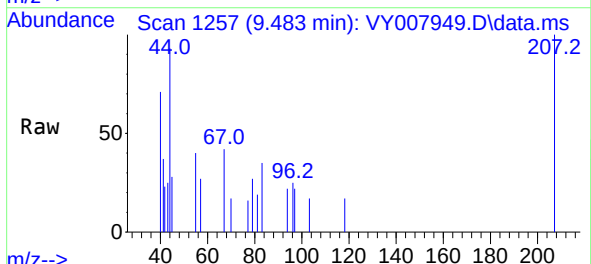
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

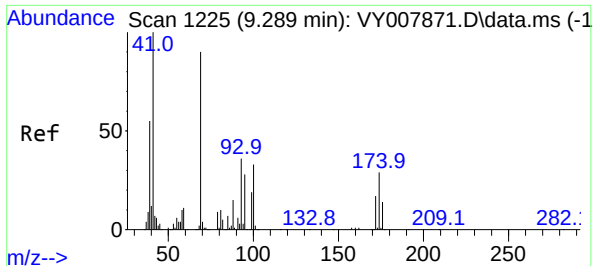
Tgt Ion:	93	Resp:	63
Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.3	96.5#
174	0.0	83.4	125.0#



#47
Bromodichloromethane
Concen: 7.682 ug/l
RT: 9.483 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion:	83	Resp:	150
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.9	77.9#
127	0.0	6.6	10.0#





#48

Methyl methacrylate

Concen: 12.559 ug/l

RT: 9.294 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

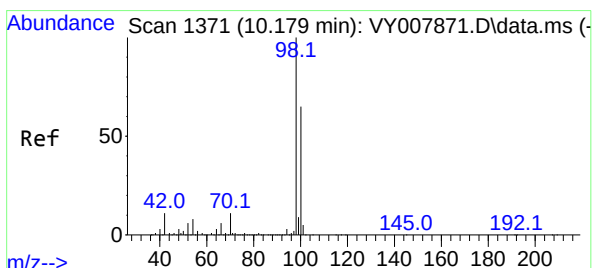
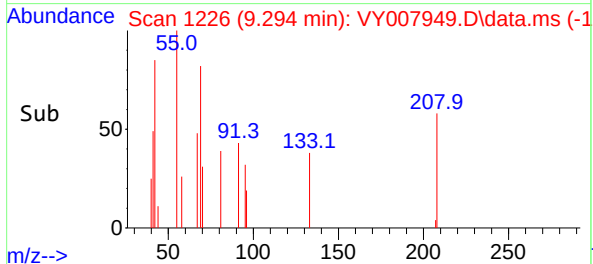
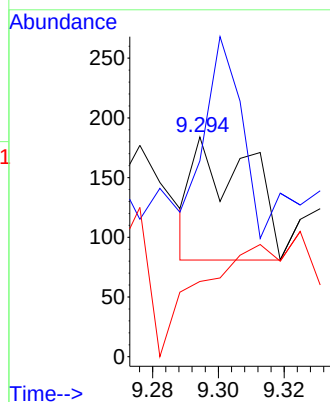
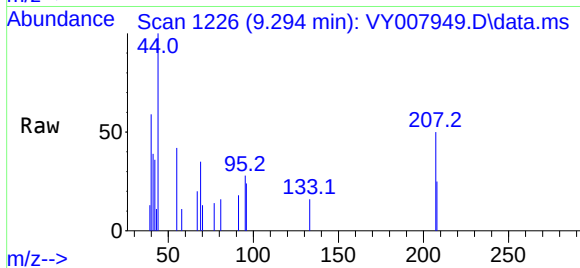
Instrument :

MSVOA_Y

ClientSampleId :

DB-8-(30-35)-3-12-22RE

Tgt Ion:	41	Resp:	120
Ion	Ratio	Lower	Upper
41	100		
69	369.2	58.2	87.2#
39	0.0	47.4	71.0#



#50

Toluene-d8

Concen: 56.357 ug/l

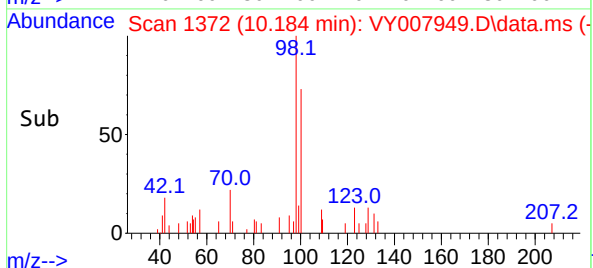
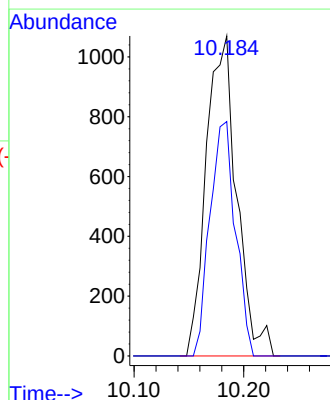
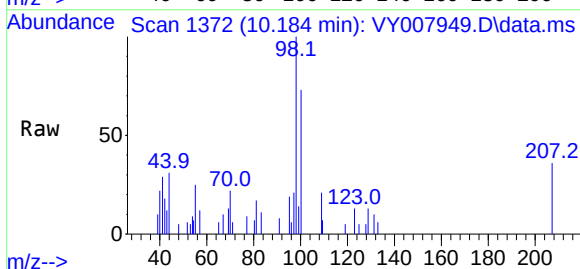
RT: 10.184 min Scan# 1372

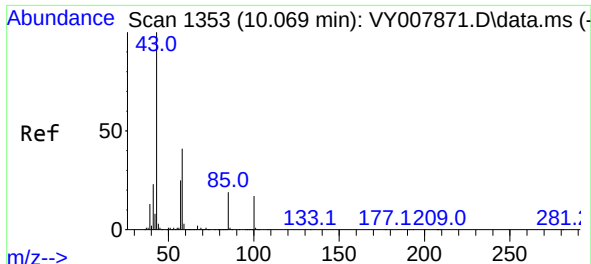
Delta R.T. 0.006 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

Tgt Ion:	98	Resp:	2067
Ion	Ratio	Lower	Upper
98	100		
100	61.3	50.2	75.2





#51

4-Methyl-2-Pentanone

Concen: 21.472 ug/l

RT: 10.099 min Scan# 11

Delta R.T. 0.030 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

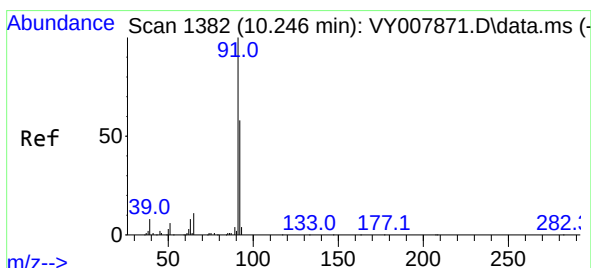
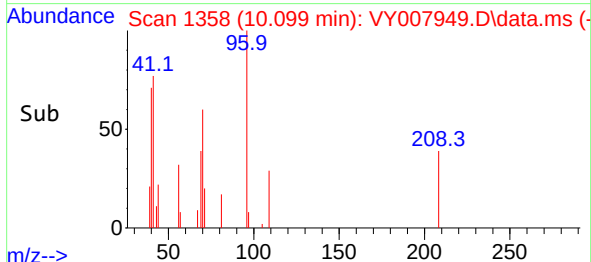
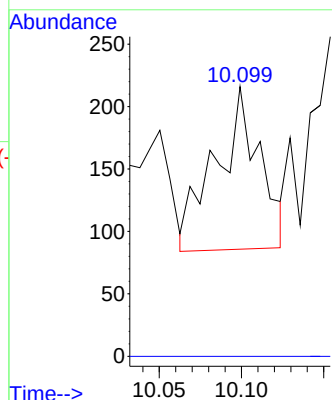
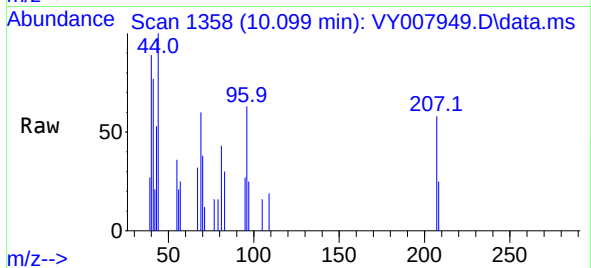
DB-8-(30-35)-3-12-22RE

Tgt Ion: 43 Resp: 243

Ion Ratio Lower Upper

43 100

58 0.0 28.1 42.1#



#52

Toluene

Concen: 1.313 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.268 min

Lab File: VY007949.D

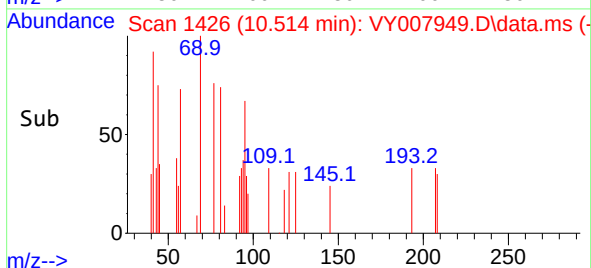
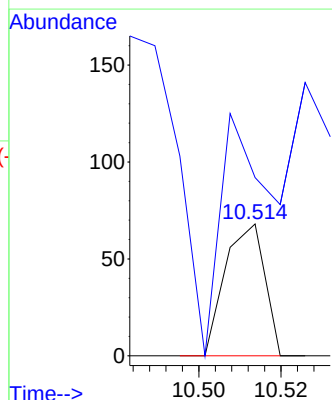
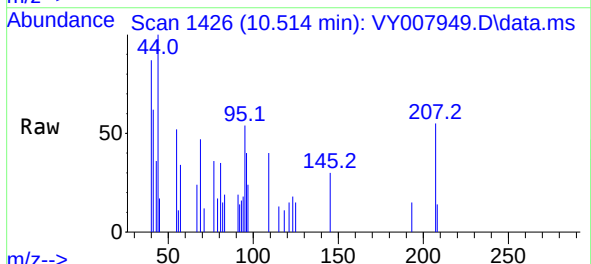
Acq: 21 Mar 2022 13:05

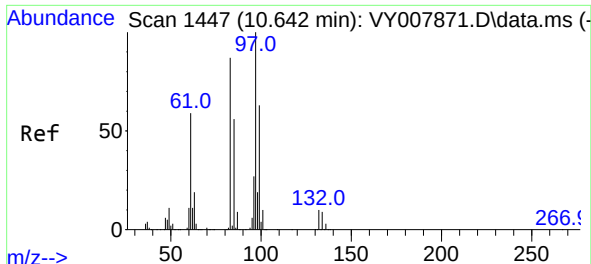
Tgt Ion: 92 Resp: 45

Ion Ratio Lower Upper

92 100

91 0.0 142.6 213.8#

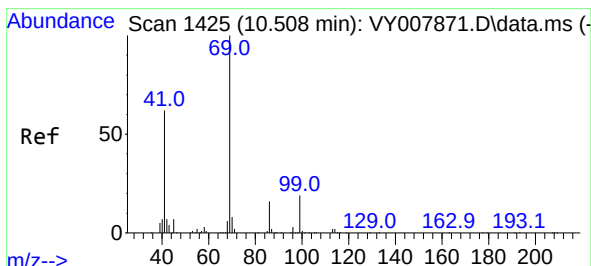
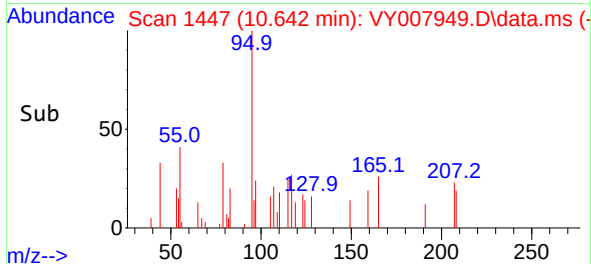
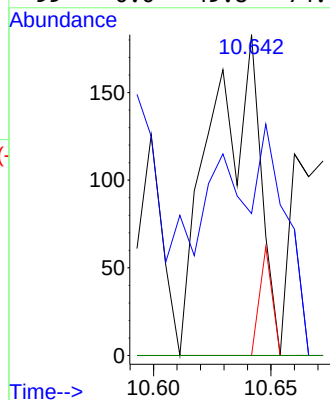
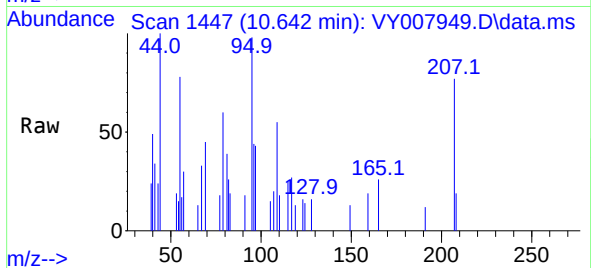




#55
1,1,2-Trichloroethane
Concen: 22.823 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

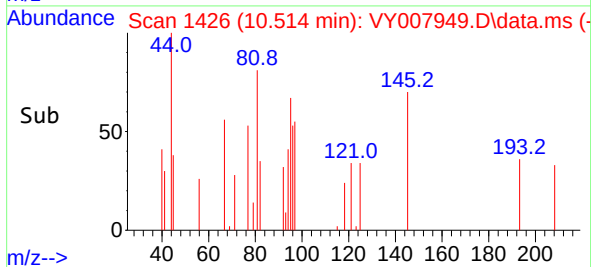
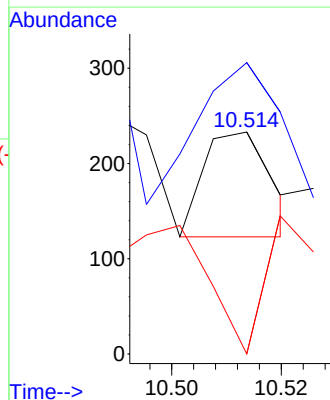
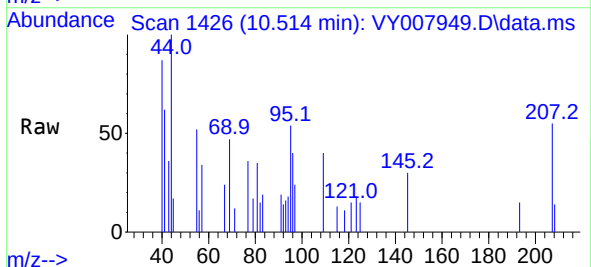
Instrument : MSVOA_Y
ClientSampleId : DB-8-(30-35)-3-12-22RE

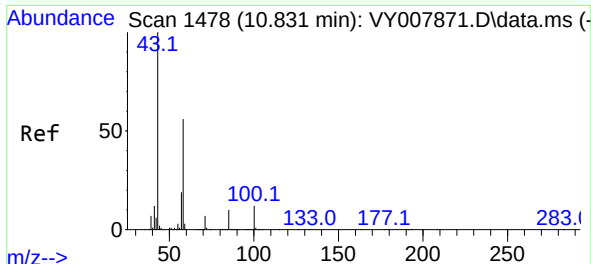
Tgt Ion:	97	Resp:	268
Ion	Ratio	Lower	Upper
97	100		
83	0.5	69.8	104.8#
85	0.0	44.3	66.5#
99	0.0	49.8	74.6#



#56
Ethyl methacrylate
Concen: 5.576 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion:	69	Resp:	94
Ion	Ratio	Lower	Upper
69	100		
41	164.9	63.4	95.0#
39	0.0	35.8	53.8#





#59

2-Hexanone

Concen: 13.345 ug/l

RT: 10.630 min Scan# 14

Delta R.T. -0.202 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

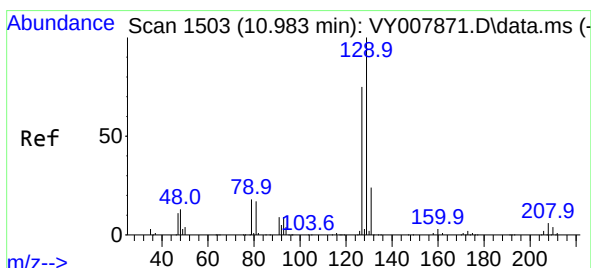
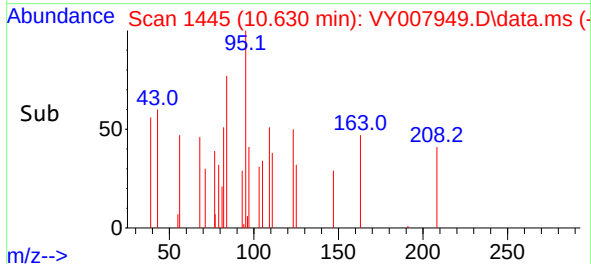
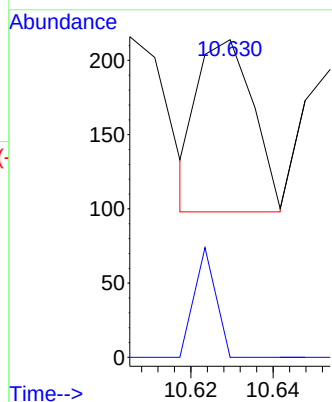
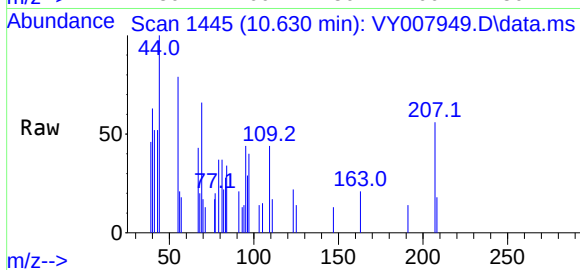
DB-8-(30-35)-3-12-22RE

Tgt Ion: 43 Resp: 108

Ion Ratio Lower Upper

43 100

58 25.0 24.4 73.4



#60

Dibromochloromethane

Concen: 2.204 ug/l

RT: 10.879 min Scan# 1486

Delta R.T. -0.104 min

Lab File: VY007949.D

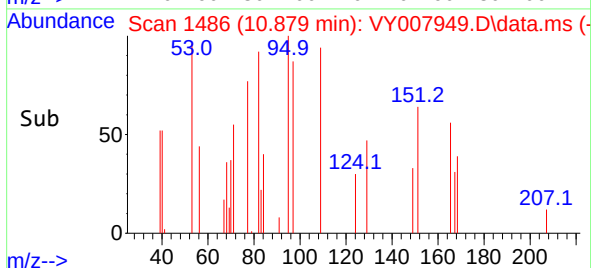
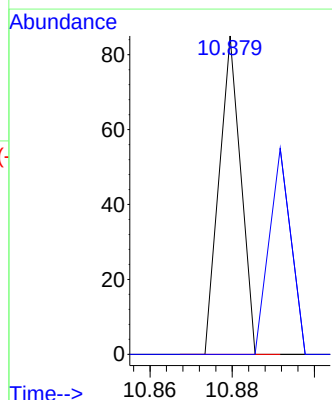
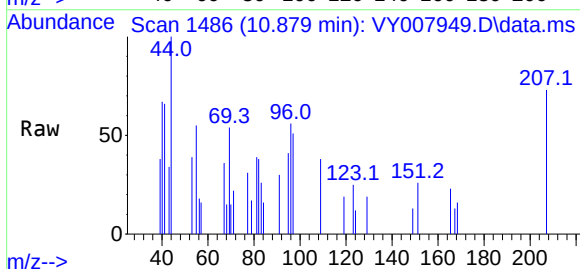
Acq: 21 Mar 2022 13:05

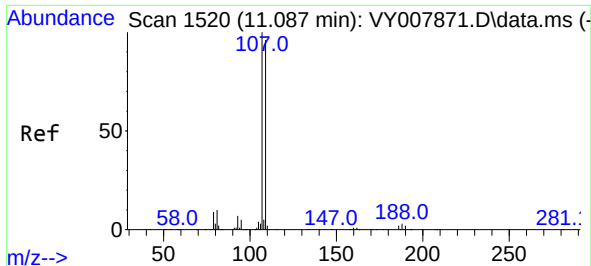
Tgt Ion:129 Resp: 31

Ion Ratio Lower Upper

129 100

127 64.5 38.7 116.1

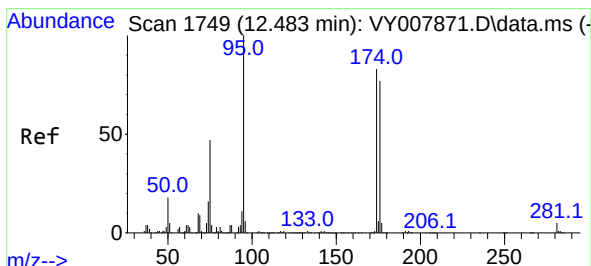
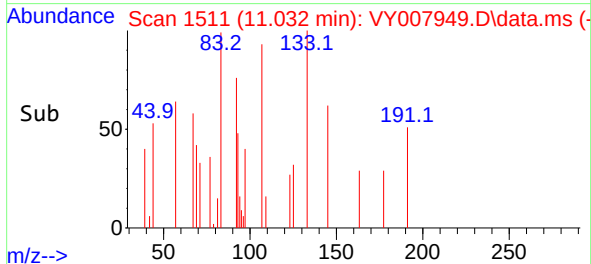
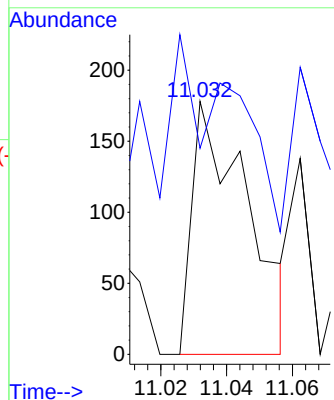
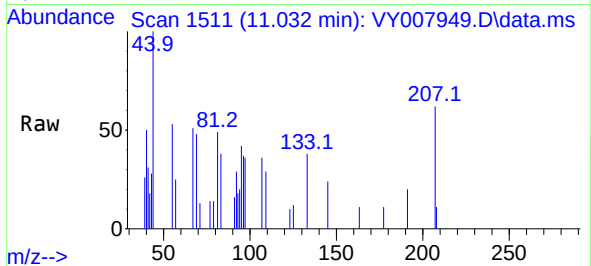




#61
1,2-Dibromoethane
Concen: 18.398 ug/l
RT: 11.032 min Scan# 11
Delta R.T. -0.055 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

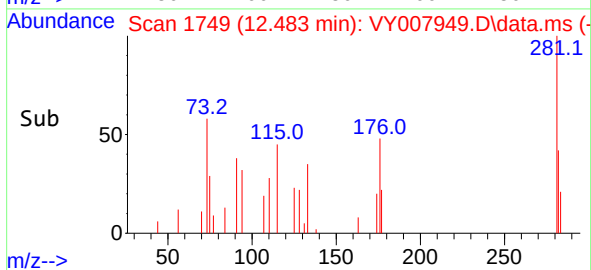
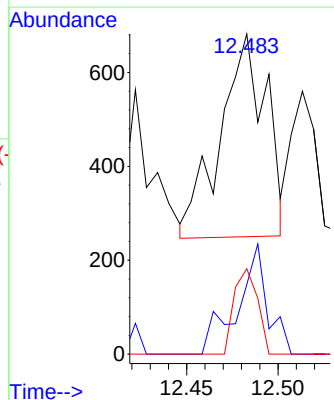
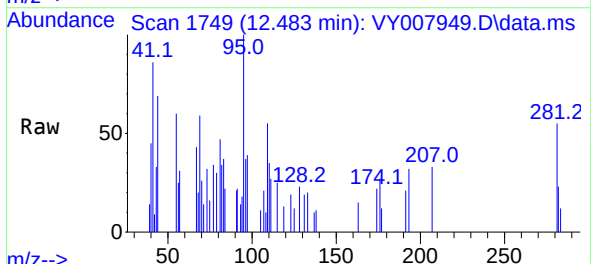
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

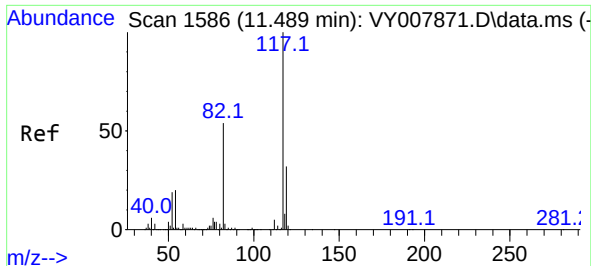
Tgt Ion:107 Resp: 209
Ion Ratio Lower Upper
107 100
109 81.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 42.674 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 95 Resp: 754
Ion Ratio Lower Upper
95 100
174 35.7 0.0 177.0
176 21.5 0.0 175.8

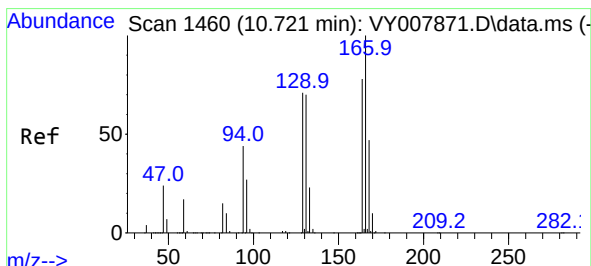
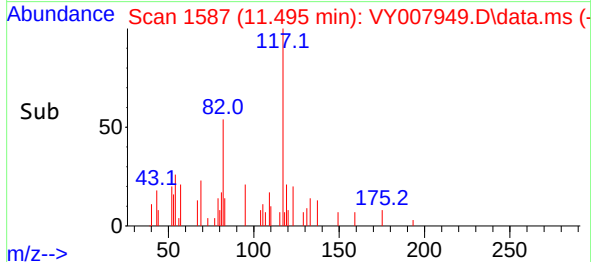
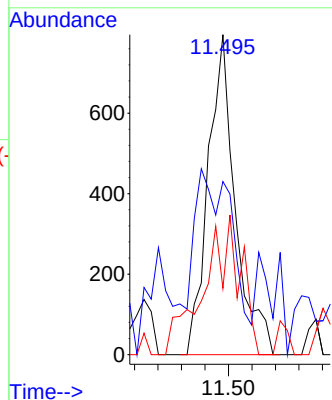
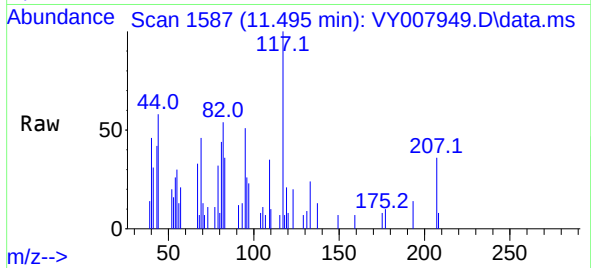




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

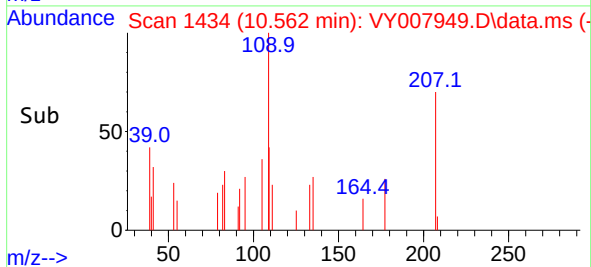
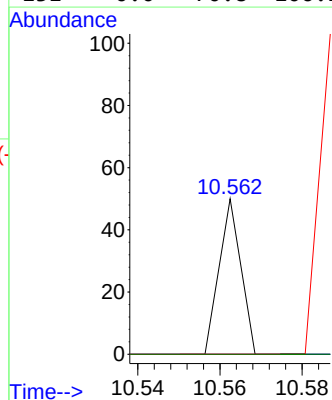
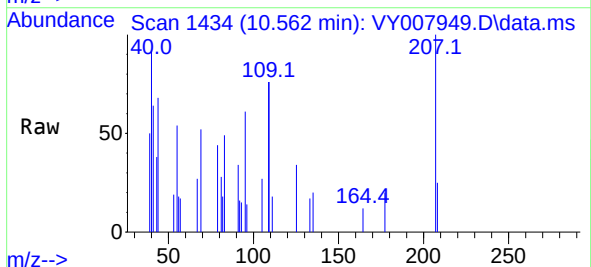
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

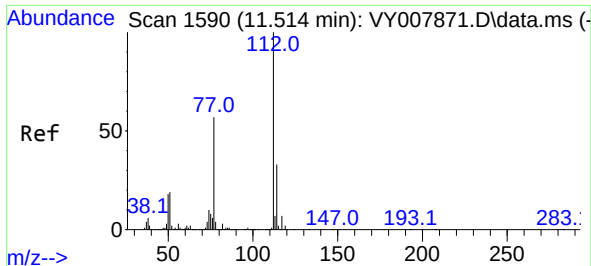
Tgt Ion:117	Resp:	1278
Ion	Ratio	Lower Upper
117	100	
82	38.2	43.0 64.4#
119	10.2	25.4 38.0#



#64
Tetrachloroethene
Concen: 1.810 ug/l
RT: 10.562 min Scan# 1434
Delta R.T. -0.159 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion:164	Resp:	18
Ion	Ratio	Lower Upper
164	100	
166	0.0	100.4 150.6#
129	0.0	71.4 107.0#
131	0.0	70.8 106.2#

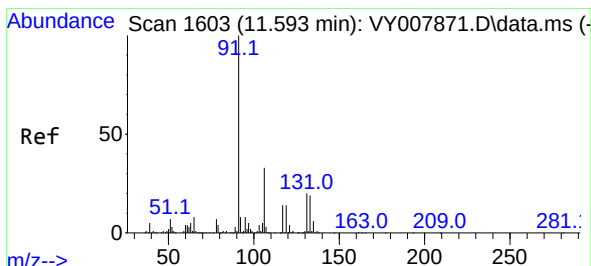
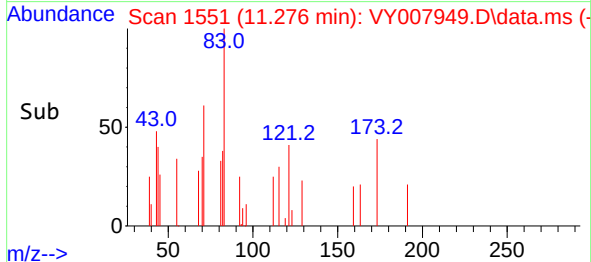
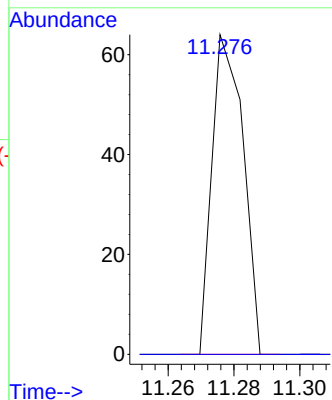
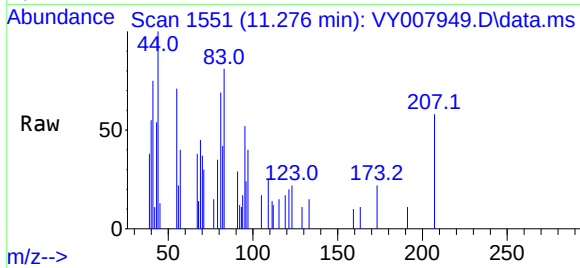




#65
Chlorobenzene
Concen: 1.372 ug/l
RT: 11.276 min Scan# 11
Delta R.T. -0.238 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

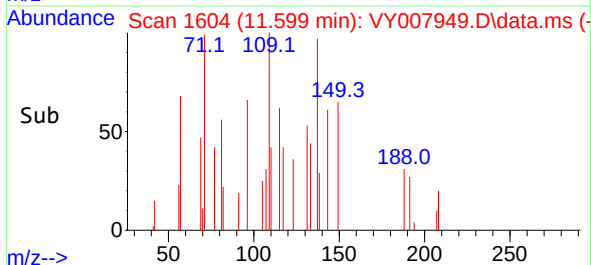
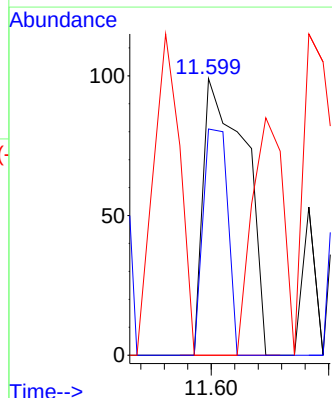
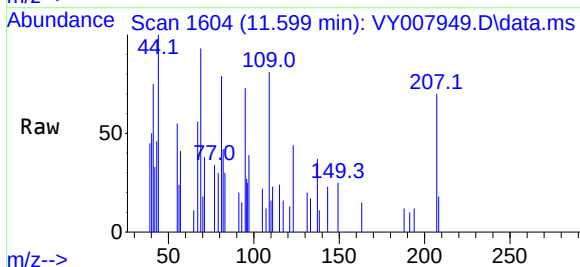
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

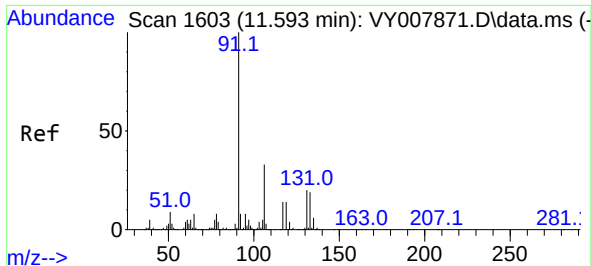
Tgt Ion:112 Resp: 42
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 10.671 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion:131 Resp: 123
Ion Ratio Lower Upper
131 100
133 48.0 47.9 143.6
119 74.0 30.8 92.3





#67

Ethyl Benzene

Concen: 1.375 ug/l

RT: 11.581 min Scan# 1601

Delta R.T. -0.013 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

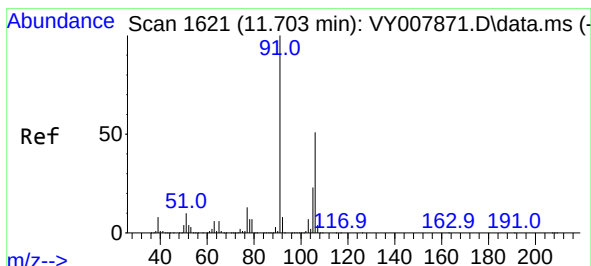
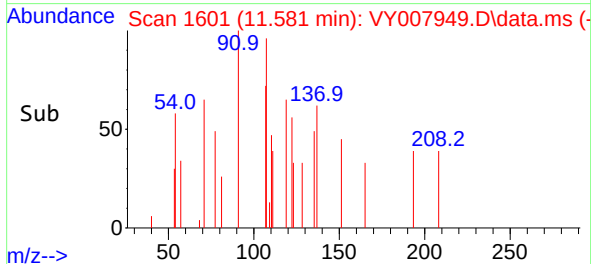
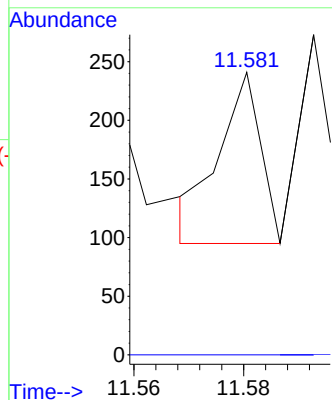
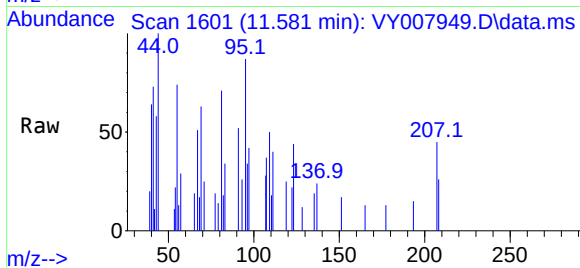
DB-8-(30-35)-3-12-22RE

Tgt Ion: 91 Resp: 75

Ion Ratio Lower Upper

91 100

106 0.0 24.5 36.7#



#68

m/p-Xylenes

Concen: 6.910 ug/l

RT: 11.702 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY007949.D

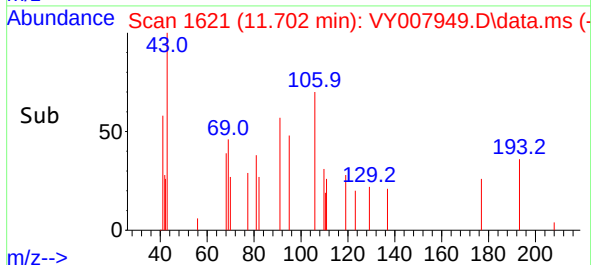
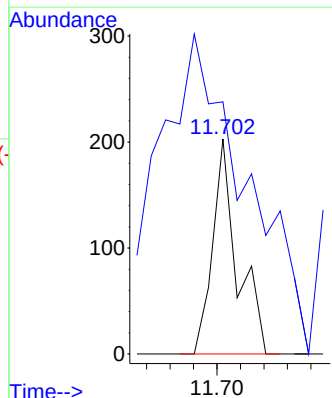
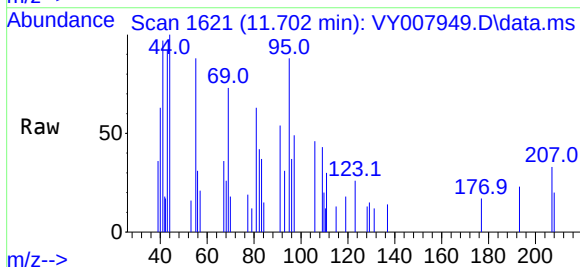
Acq: 21 Mar 2022 13:05

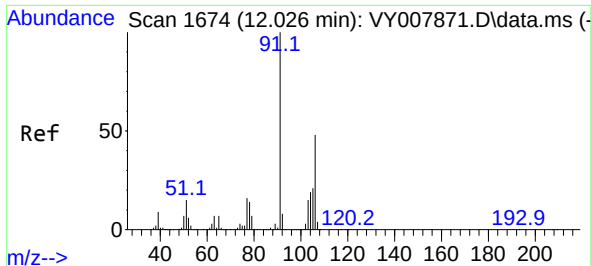
Tgt Ion:106 Resp: 147

Ion Ratio Lower Upper

106 100

91 506.1 166.6 249.8#

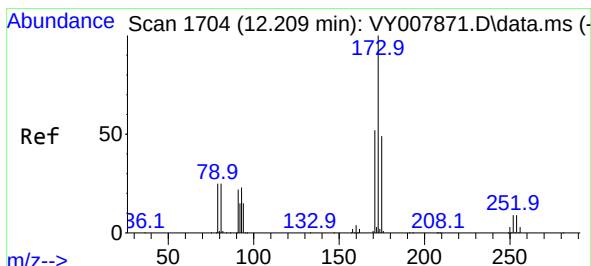
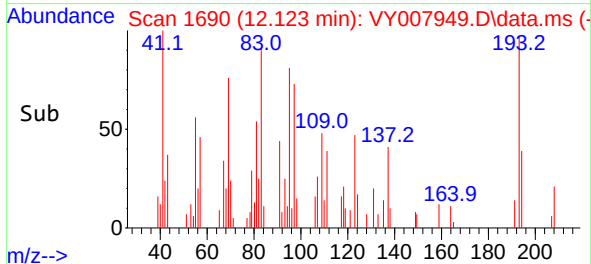
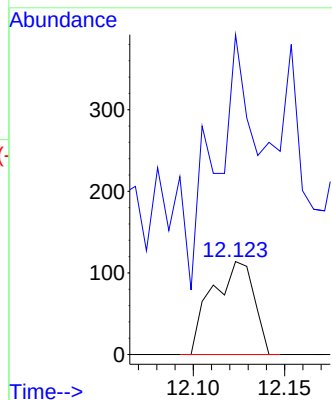
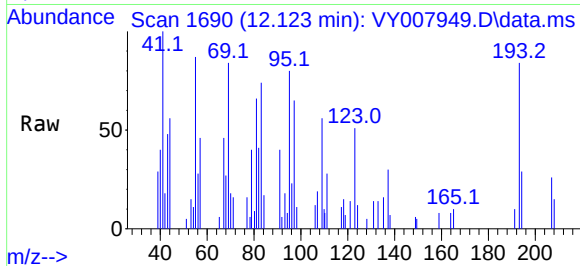




#69
o-Xylene
Concen: 8.845 ug/l
RT: 12.123 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

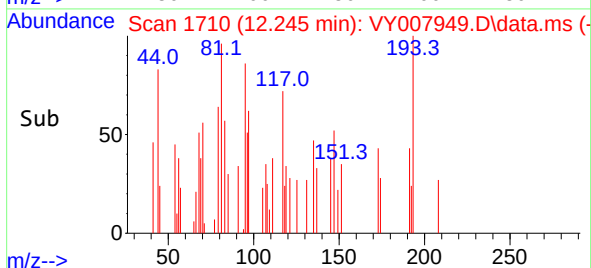
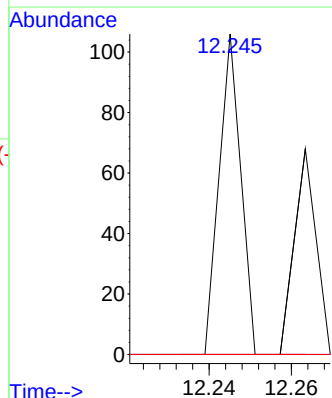
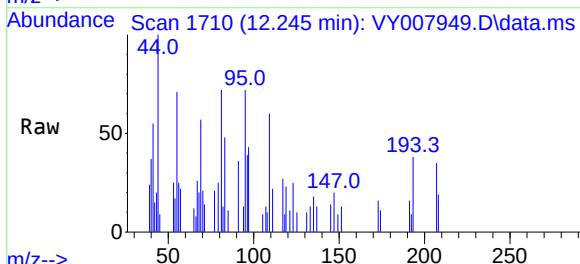
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

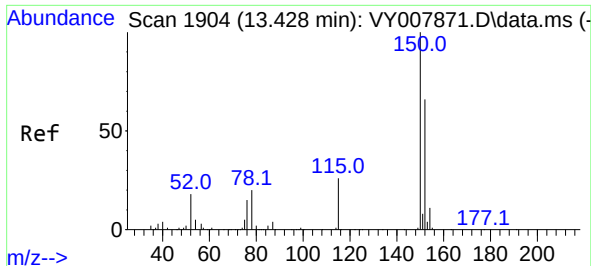
Tgt Ion:106 Resp: 182
Ion Ratio Lower Upper
106 100
91 236.3 110.3 331.0



#71
Bromoform
Concen: 5.282 ug/l
RT: 12.245 min Scan# 1710
Delta R.T. 0.036 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion:173 Resp: 39
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

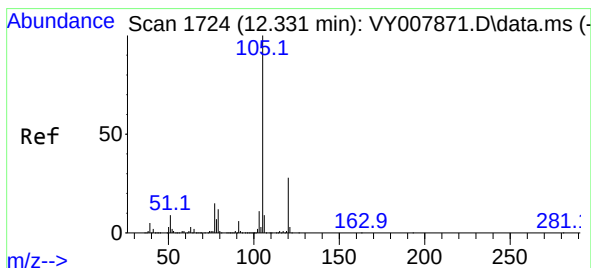
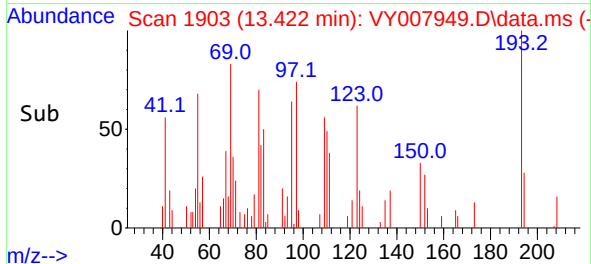
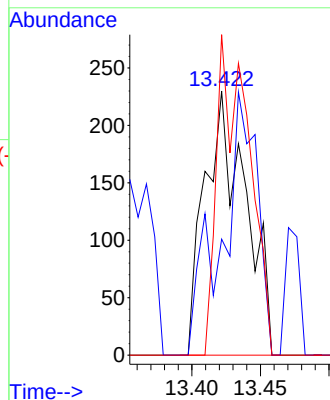
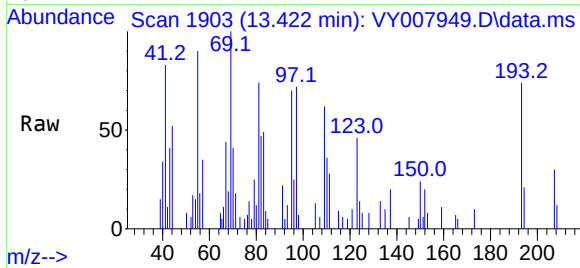




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.007 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

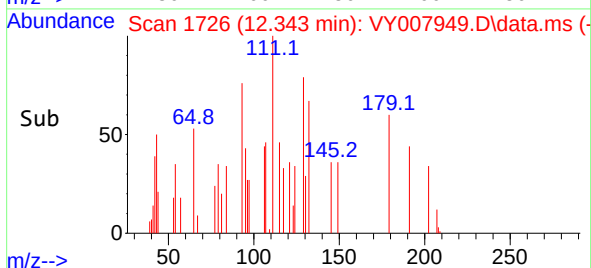
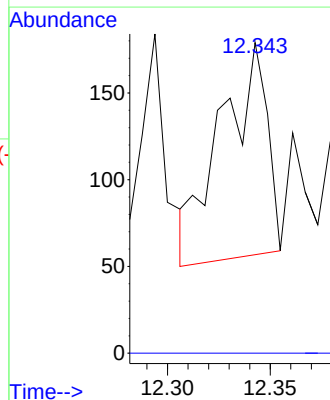
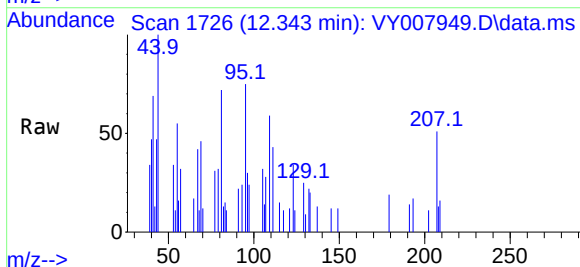
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

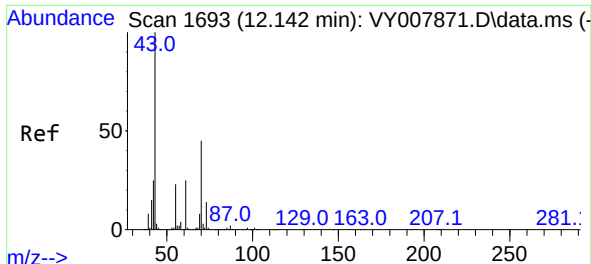
Tgt Ion:152 Resp: 475
Ion Ratio Lower Upper
152 100
115 67.4 28.2 84.7
150 96.2 0.0 347.6



#73
Isopropylbenzene
Concen: 4.568 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion:105 Resp: 191
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#

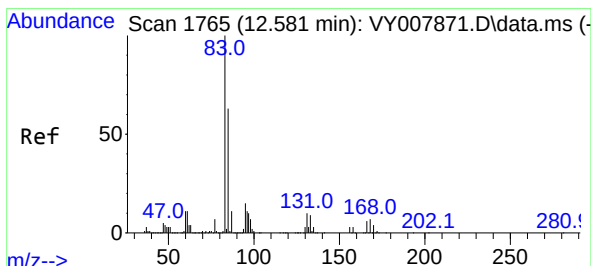
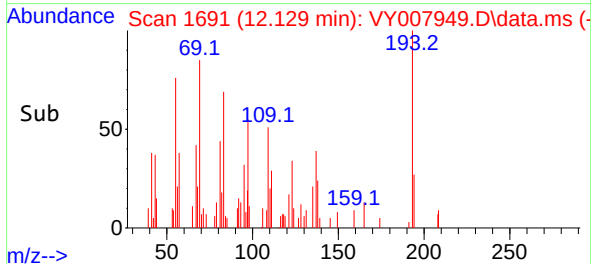
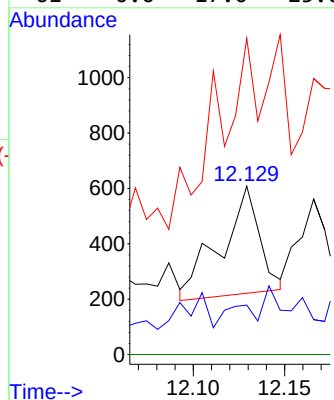
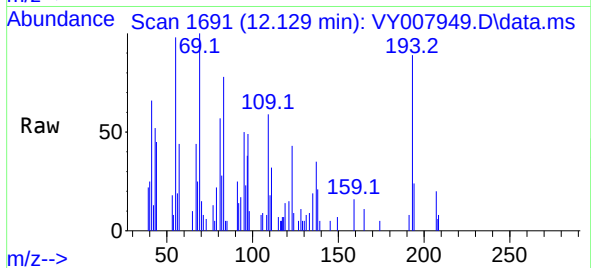




#74
N-amy1 acetate
Concen: 46.614 ug/l
RT: 12.129 min Scan# 1691
Delta R.T. -0.013 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

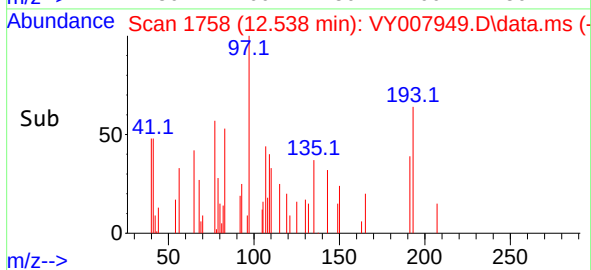
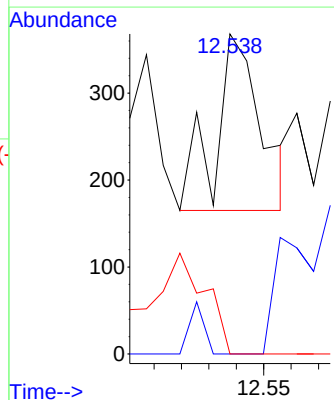
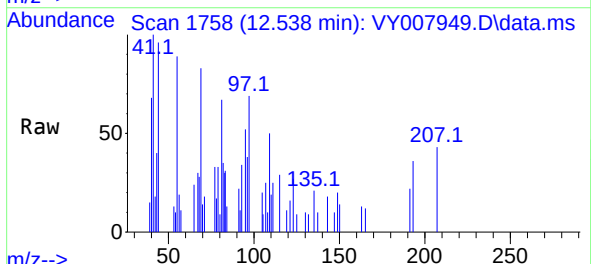
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

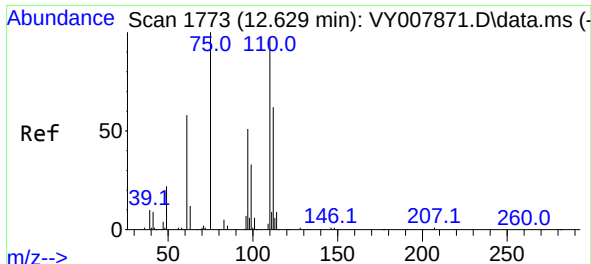
Tgt Ion:	43	Resp:	575
Ion	Ratio	Lower	Upper
43	100		
70	95.0	28.7	43.1#
55	183.5	17.3	25.9#
61	0.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 26.000 ug/l
RT: 12.538 min Scan# 1758
Delta R.T. -0.043 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion:	83	Resp:	234
Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.6	16.8
85	67.9	32.3	96.8

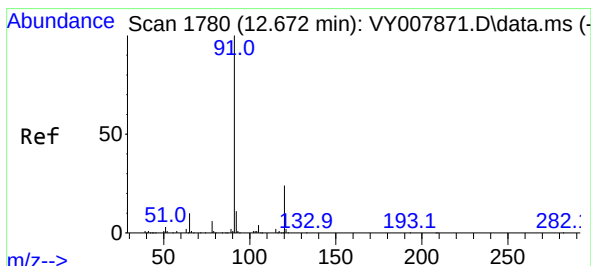
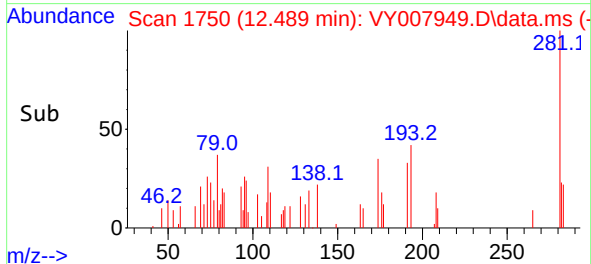
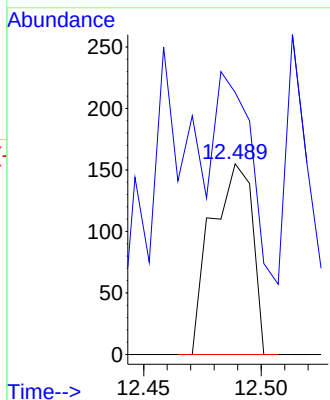
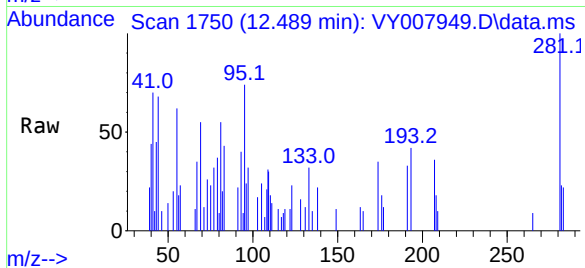




#76
1,2,3-Trichloropropane
Concen: 27.768 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.147 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

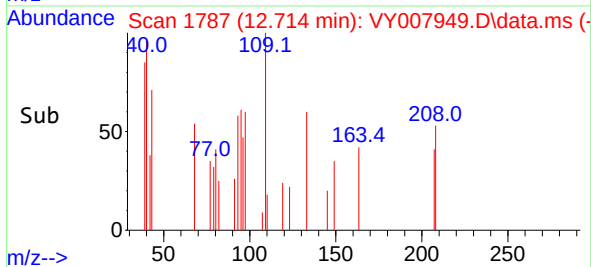
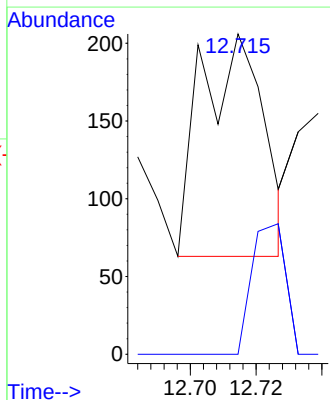
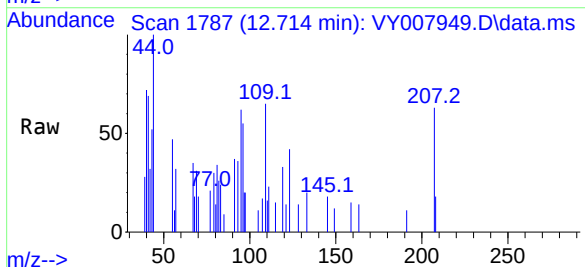
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

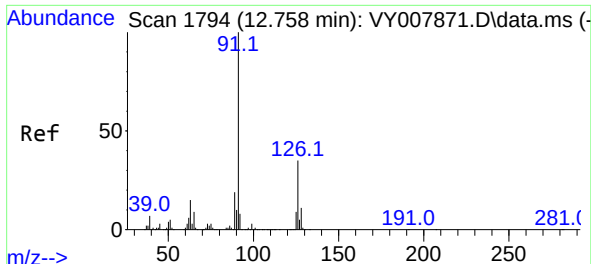
Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
77 93.1 0.0 0.0#



#78
n-propylbenzene
Concen: 3.744 ug/l
RT: 12.714 min Scan# 1787
Delta R.T. 0.042 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 91 Resp: 189
Ion Ratio Lower Upper
91 100
120 31.7 11.3 33.9

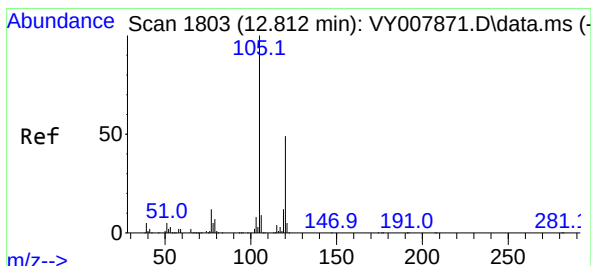
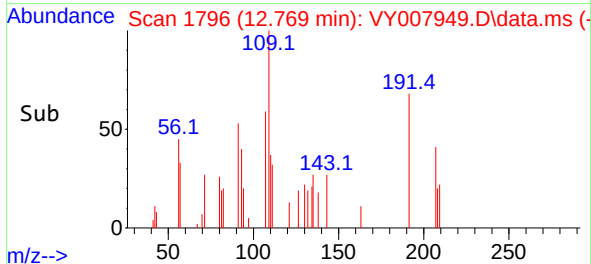
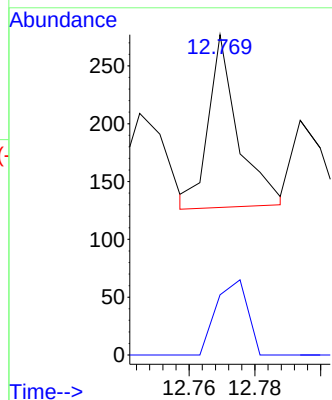
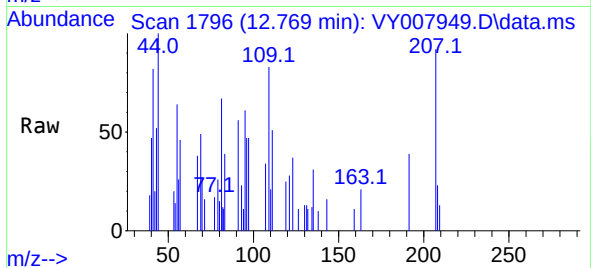




#79
2-Chlorotoluene
Concen: 3.274 ug/l
RT: 12.769 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

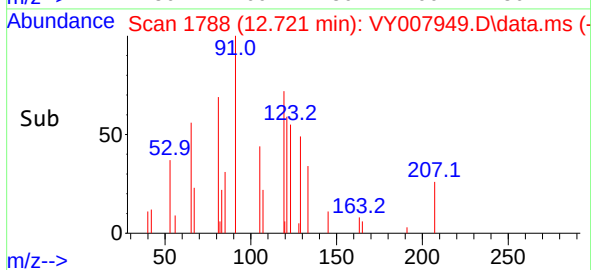
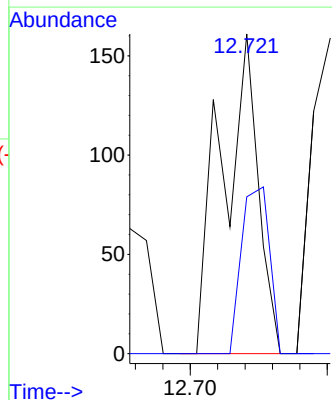
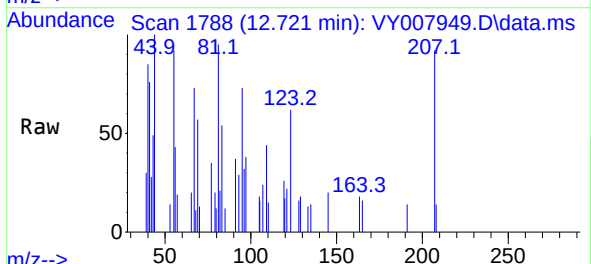
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

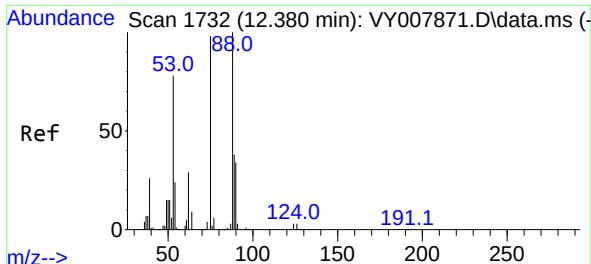
Tgt Ion: 91 Resp: 93
Ion Ratio Lower Upper
91 100
126 46.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.333 ug/l
RT: 12.721 min Scan# 1788
Delta R.T. -0.092 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 105 Resp: 149
Ion Ratio Lower Upper
105 100
120 40.3 24.4 73.4

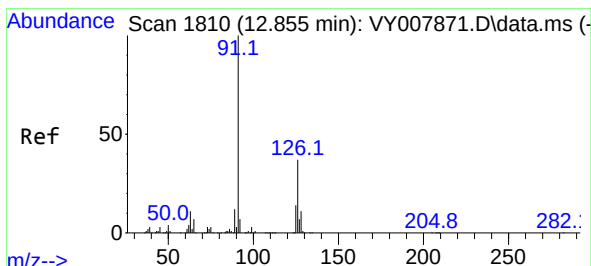
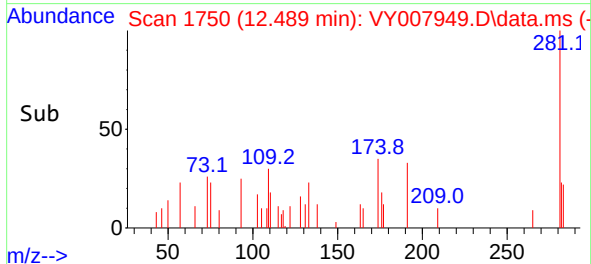
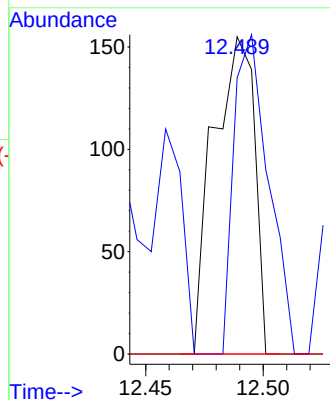
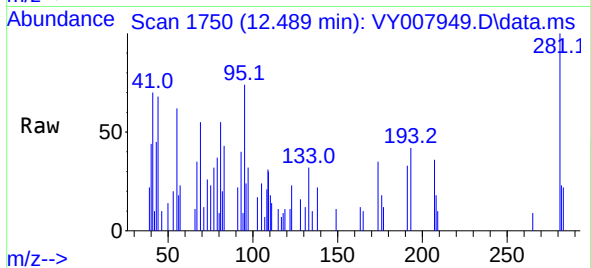




#81
trans-1,4-Dichloro-2-butene
Concen: 58.324 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

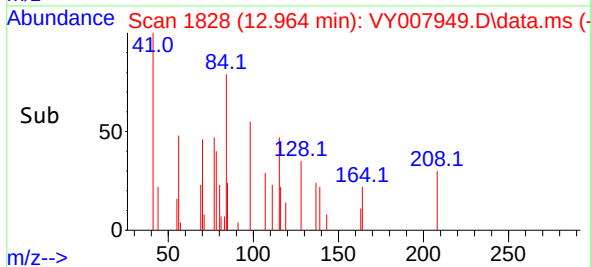
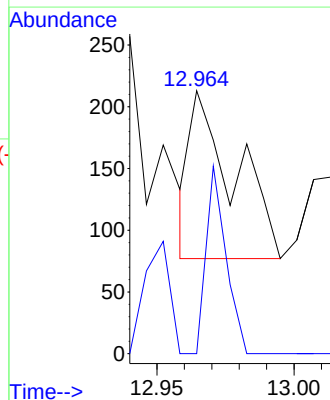
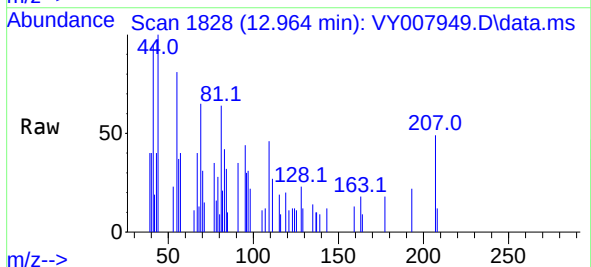
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

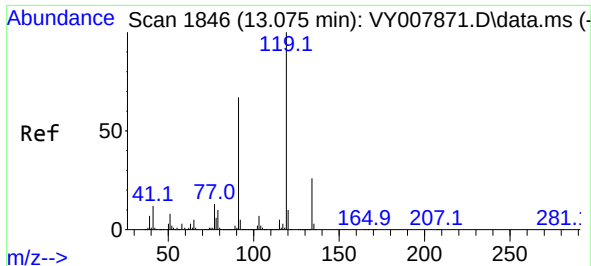
Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
53 85.1 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 5.151 ug/l
RT: 12.964 min Scan# 1828
Delta R.T. 0.109 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 91 Resp: 152
Ion Ratio Lower Upper
91 100
126 50.0 17.0 51.0

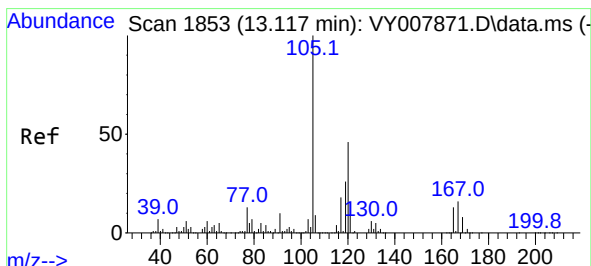
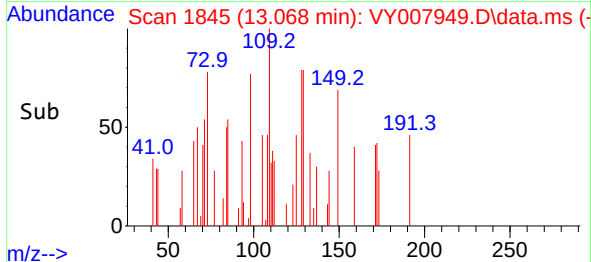
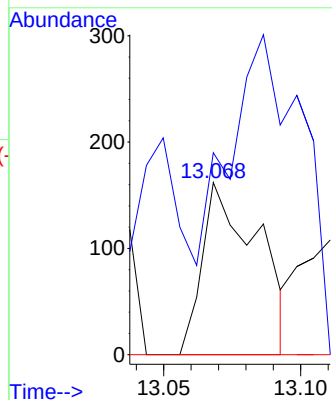
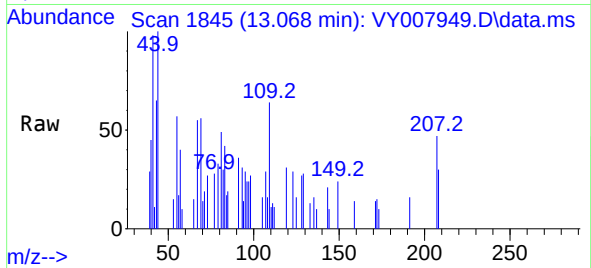




#83
tert-Butylbenzene
Concen: 7.443 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

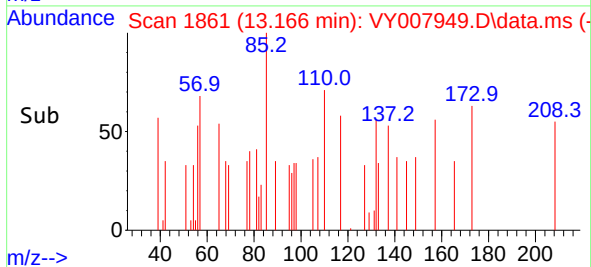
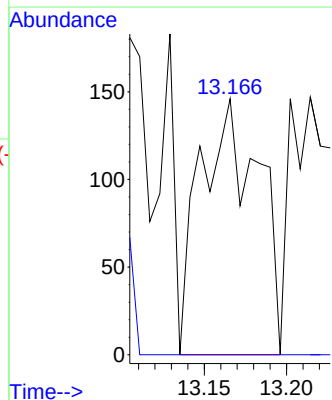
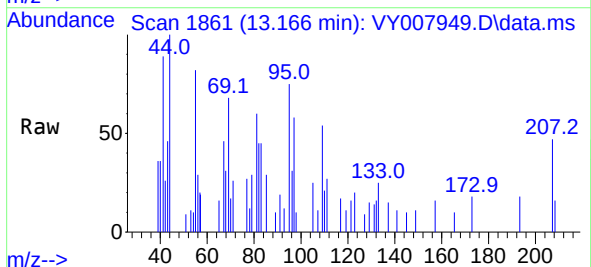
Instrument : MSVOA_Y
ClientSampleId : DB-8-(30-35)-3-12-22RE

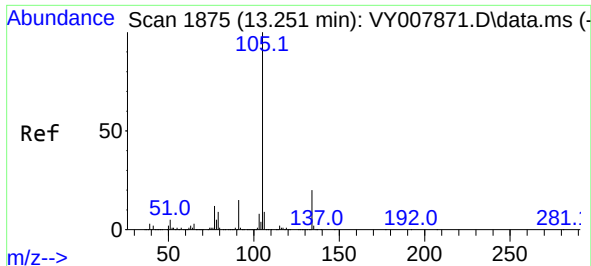
Tgt Ion:119 Resp: 229
Ion Ratio Lower Upper
119 100
91 252.0 34.8 104.4#
134 0.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 10.621 ug/l
RT: 13.166 min Scan# 1861
Delta R.T. 0.042 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion:105 Resp: 358
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9#

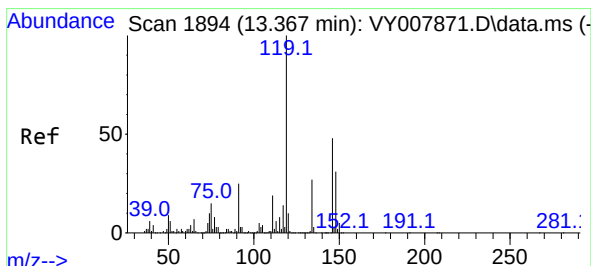
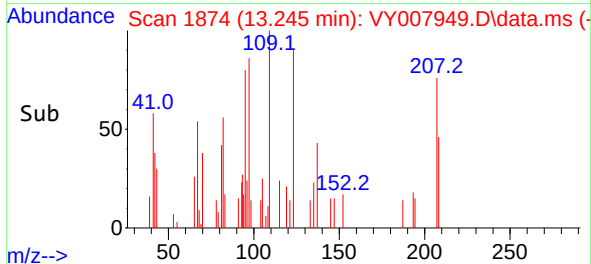
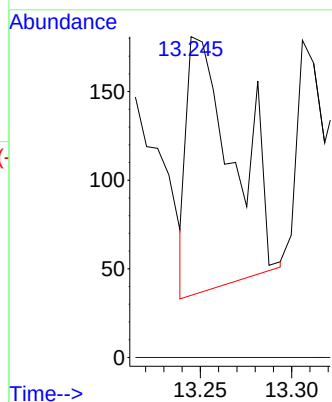
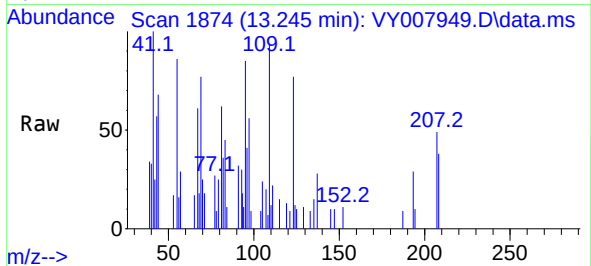




#85
 sec-Butylbenzene
 Concen: 5.530 ug/l
 RT: 13.245 min Scan# 1875
 Delta R.T. -0.007 min
 Lab File: VY007949.D
 Acq: 21 Mar 2022 13:05

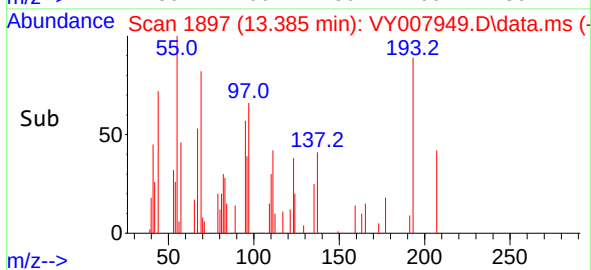
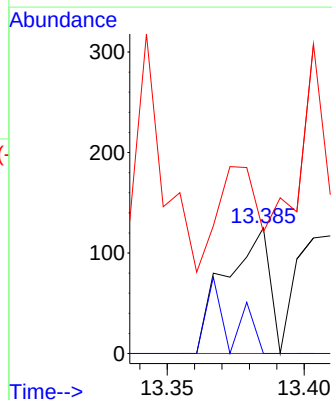
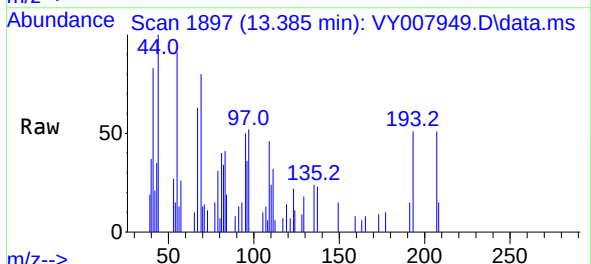
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-8-(30-35)-3-12-22RE

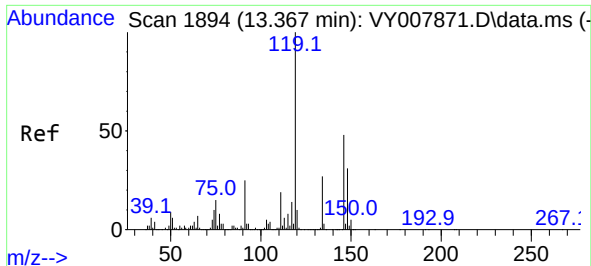
Tgt Ion:105 Resp: 255
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 3.686 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.018 min
 Lab File: VY007949.D
 Acq: 21 Mar 2022 13:05

Tgt Ion:119 Resp: 138
 Ion Ratio Lower Upper
 119 100
 134 33.3 13.2 39.5
 91 78.3 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 1.393 ug/l

RT: 13.324 min Scan# 11

Delta R.T. -0.043 min

Lab File: VY007949.D

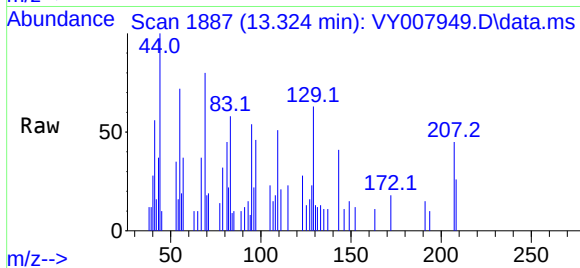
Acq: 21 Mar 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

DB-8-(30-35)-3-12-22RE



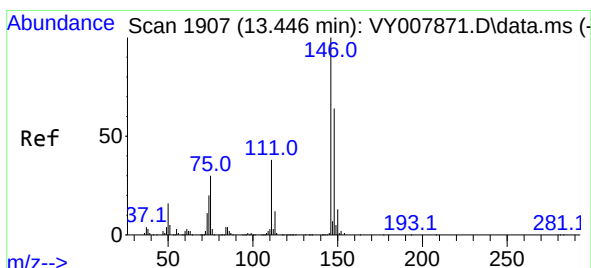
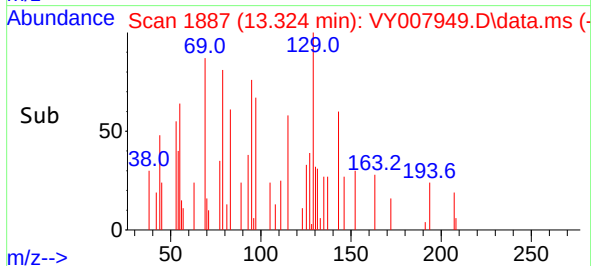
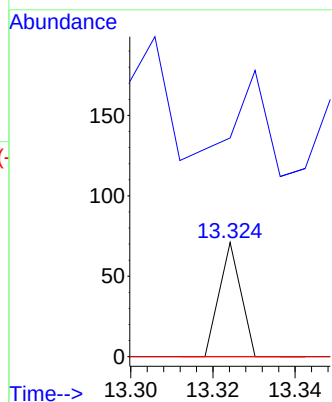
Tgt Ion:146 Resp: 26

Ion Ratio Lower Upper

146 100

111 630.8 19.5 58.5#

148 0.0 31.6 95.0#



#88

1,4-Dichlorobenzene

Concen: 1.604 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.013 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

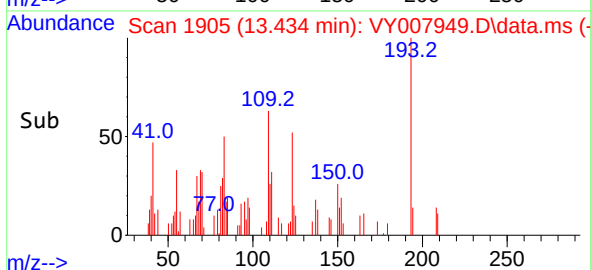
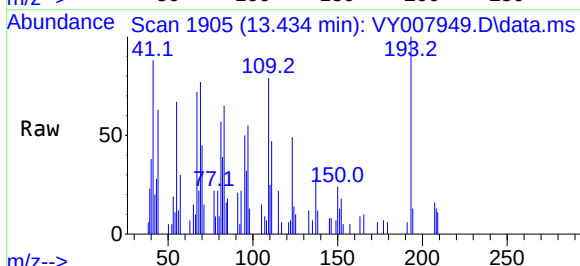
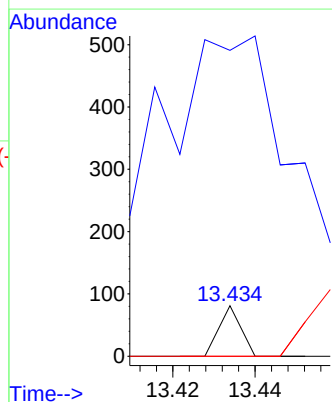
Tgt Ion:146 Resp: 30

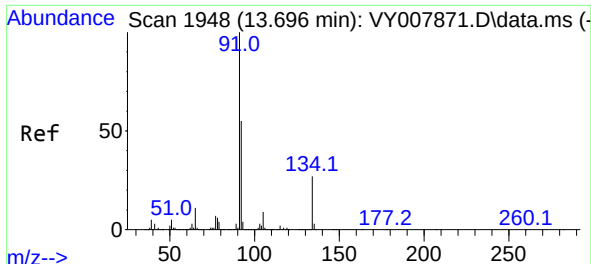
Ion Ratio Lower Upper

146 100

111 1516.7 19.3 57.8#

148 0.0 32.6 97.8#





#89

n-Butylbenzene

Concen: 5.595 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY007949.D

Acq: 21 Mar 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

DB-8-(30-35)-3-12-22RE

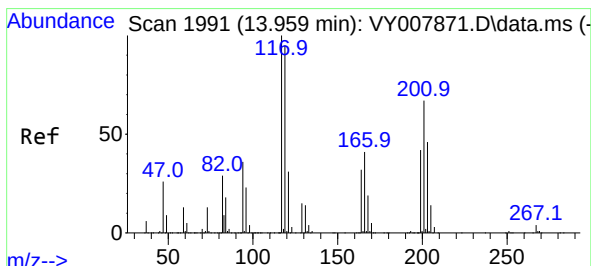
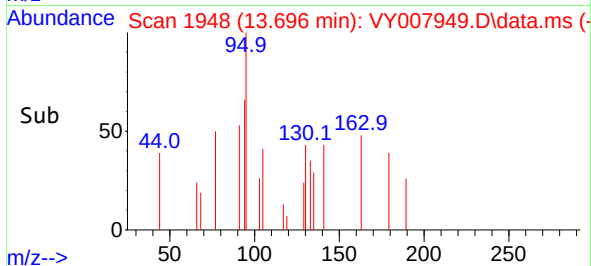
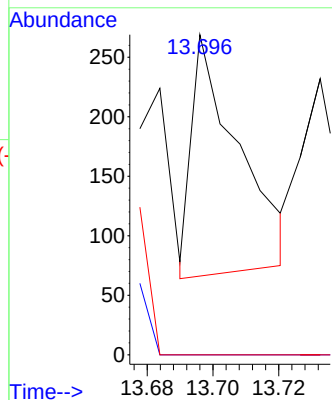
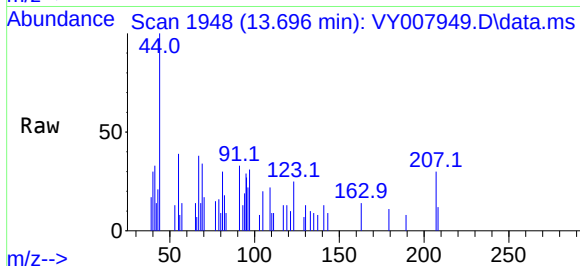
Tgt Ion: 91 Resp: 201

Ion Ratio Lower Upper

91 100

92 10.9 26.3 78.9#

134 22.4 13.0 38.9



#90

Hexachloroethane

Concen: 7.629 ug/l

RT: 13.946 min Scan# 1989

Delta R.T. -0.019 min

Lab File: VY007949.D

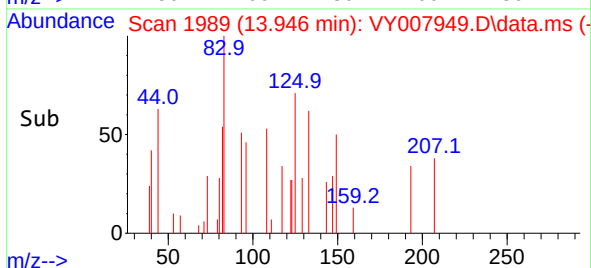
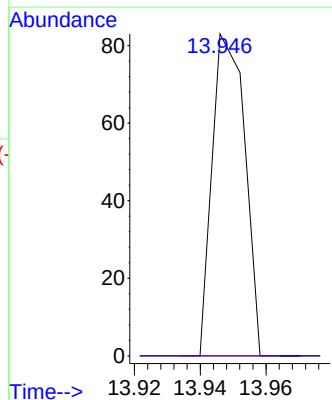
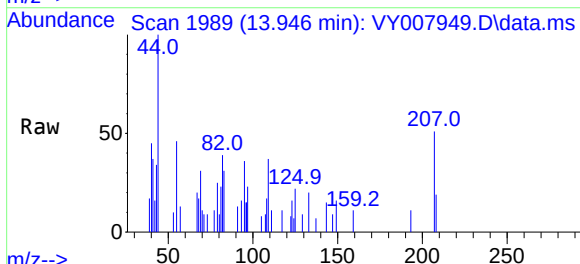
Acq: 21 Mar 2022 13:05

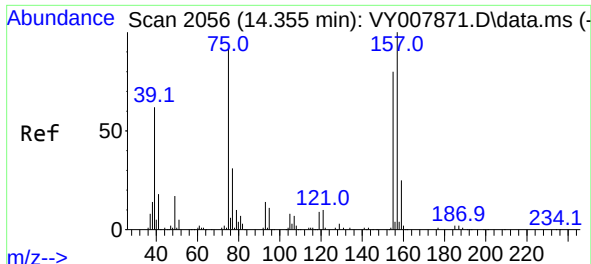
Tgt Ion: 117 Resp: 57

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#

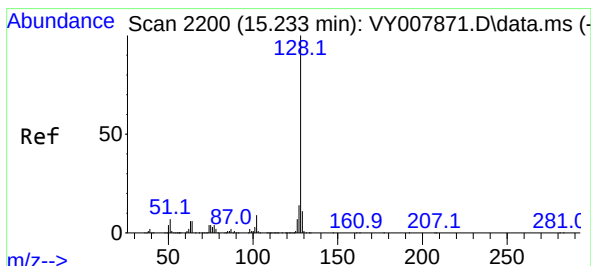
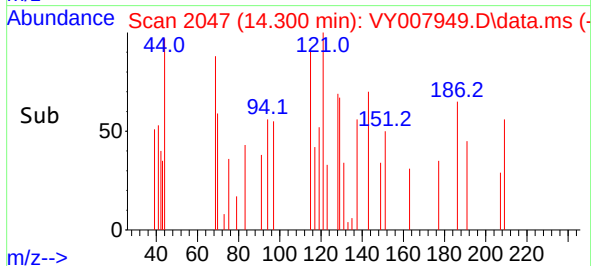
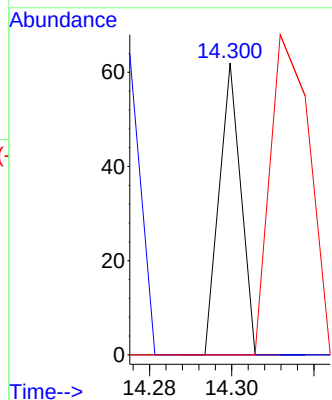
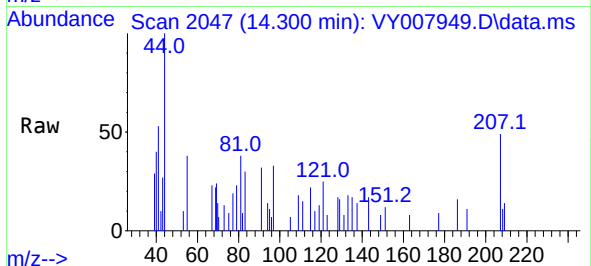




#92
1,2-Dibromo-3-Chloropropane
Concen: 14.855 ug/l
RT: 14.300 min Scan# 2056
Delta R.T. -0.055 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(30-35)-3-12-22RE

Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 195.7 47.8 143.3#



#95
Naphthalene
Concen: 1.394 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.007 min
Lab File: VY007949.D
Acq: 21 Mar 2022 13:05

Tgt Ion: 128 Resp: 33
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 87.9 8.4 12.6#

