

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006549.D
 Acq On : 01 Nov 2021 13:46
 Operator : SY/MD
 Sample : M4424-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 14:57:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

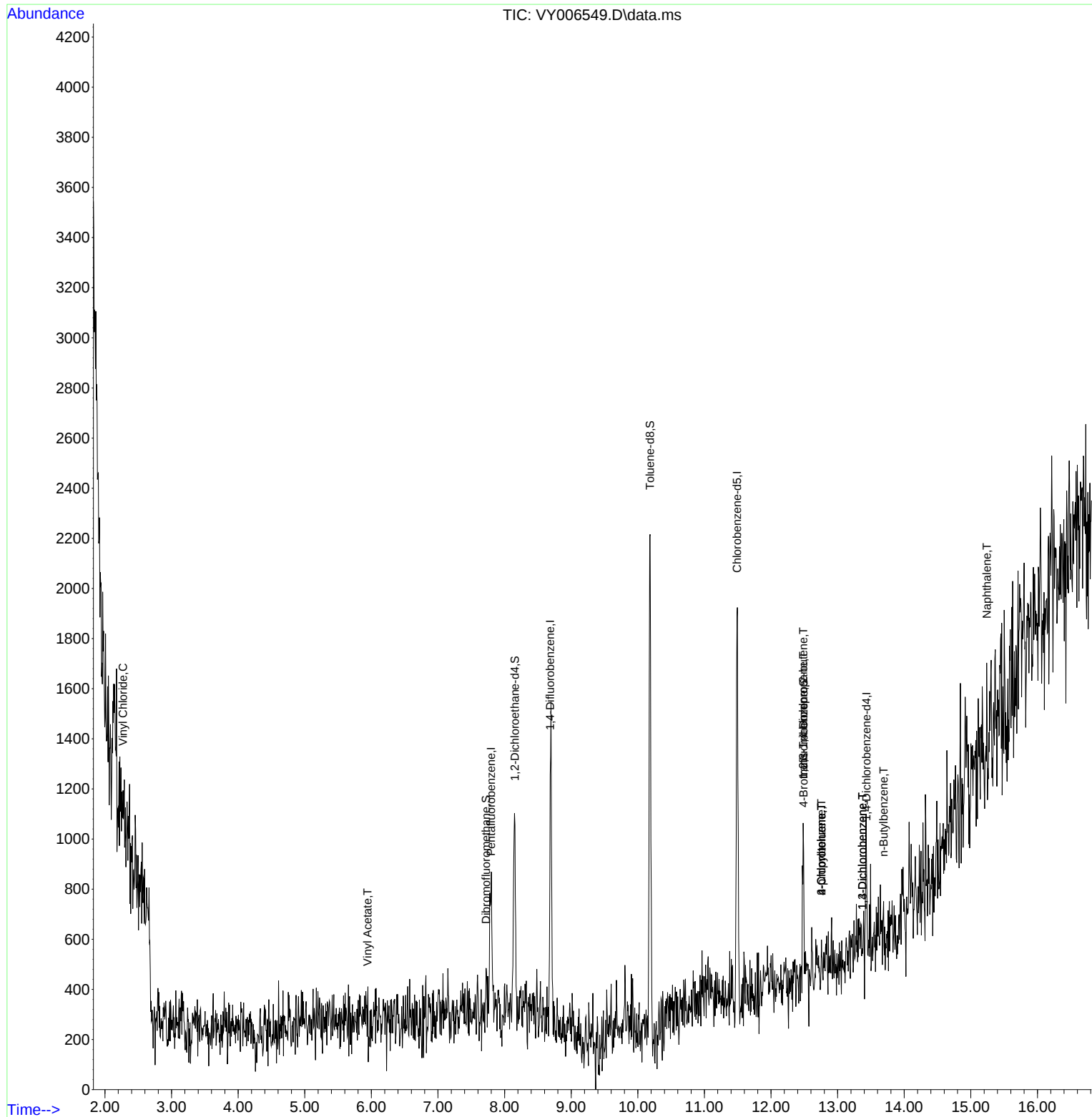
Internal Standards						
1) Pentafluorobenzene	7.795	168	584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1371	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	1047	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	812	112.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 225.980%#	
35) Dibromofluoromethane	7.722	113	101	13.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 26.440%#	
50) Toluene-d8	10.185	98	1460	45.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.140%	
62) 4-Bromofluorobenzene	12.489	95	212	19.428	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 38.860%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.271	62	27	3.318	ug/l #	44
23) Vinyl Acetate	5.942	43	19	1.444	ug/l #	75
76) 1,2,3-Trichloropropane	12.483	75	100	51.345	ug/l #	100
78) n-propylbenzene	12.757	91	57	3.489	ug/l #	53
79) 2-Chlorotoluene	12.757	91	57	6.302	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.483	75	100	105.410	ug/l #	7
82) 4-Chlorotoluene	12.757	91	57	6.048	ug/l #	41
87) 1,3-Dichlorobenzene	13.373	146	24	3.839	ug/l #	25
88) 1,4-Dichlorobenzene	13.373	146	24	3.905	ug/l #	25
89) n-Butylbenzene	13.690	91	19	1.657	ug/l #	33
95) Naphthalene	15.239	128	48	6.775	ug/l #	68

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

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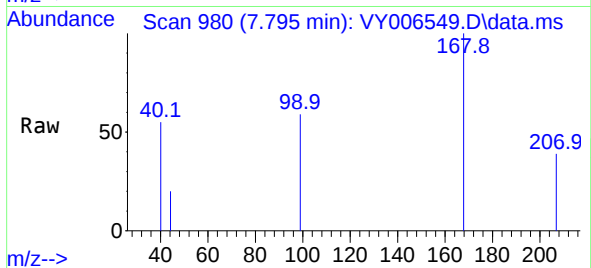
Quant Time: Nov 01 14:57:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
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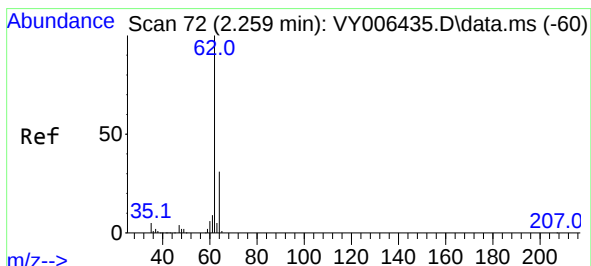
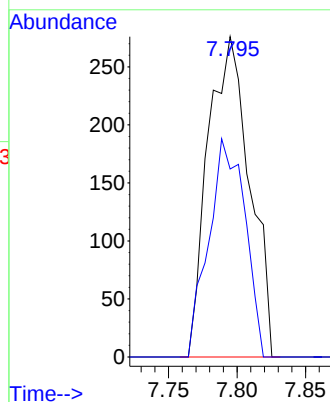
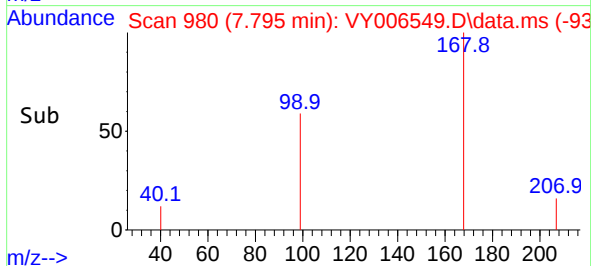


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

Instrument :
MSVOA_Y
ClientSampleId :

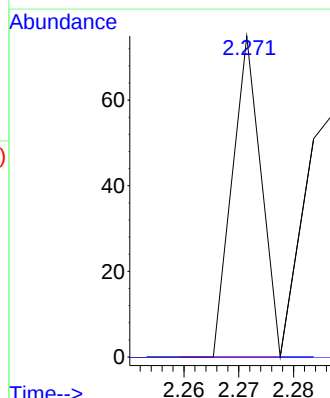
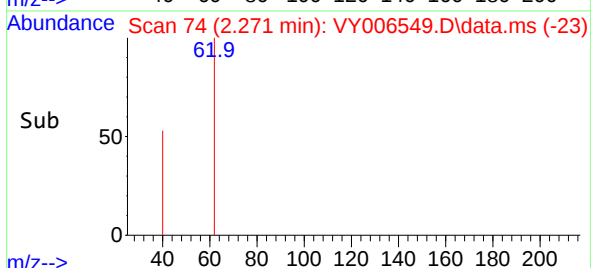
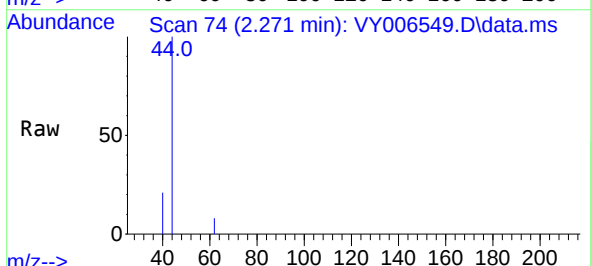


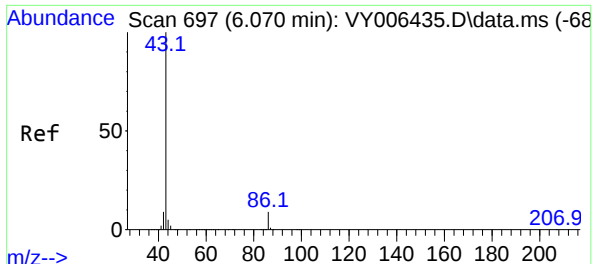
Tgt Ion:168 Resp: 584
Ion Ratio Lower Upper
168 100
99 58.7 44.8 67.2



#4
Vinyl Chloride
Concen: 3.318 ug/l
RT: 2.271 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

Tgt Ion: 62 Resp: 27
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#





#23

Vinyl Acetate

Concen: 1.444 ug/l

RT: 5.942 min Scan# 61

Delta R.T. -0.128 min

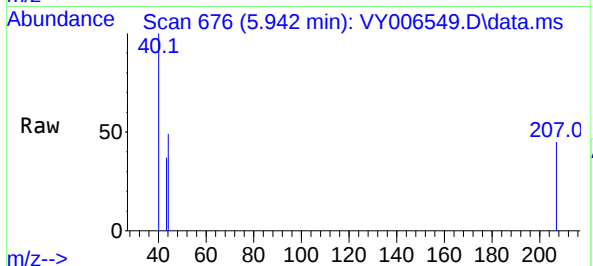
Lab File: VY006549.D

Acq: 01 Nov 2021 13:46

Instrument :

MSVOA_Y

ClientSampleId :

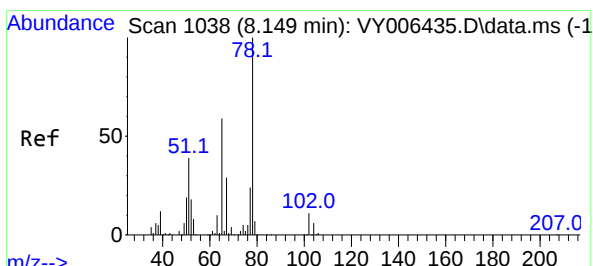
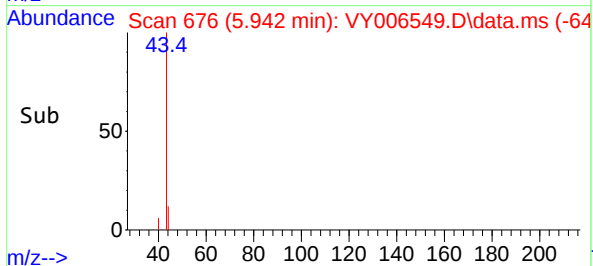
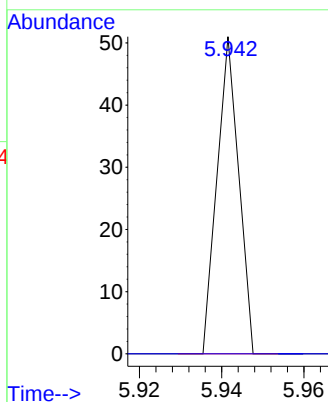


Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

86 0.0 7.3 10.9#



#33

1,2-Dichloroethane-d4

Concen: 112.990 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY006549.D

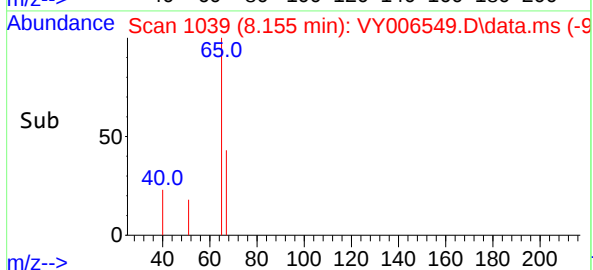
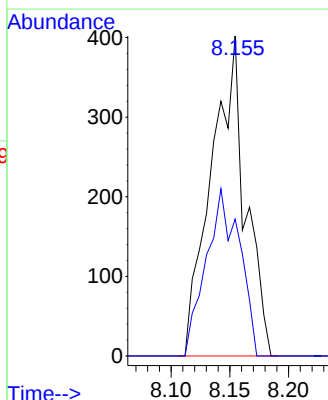
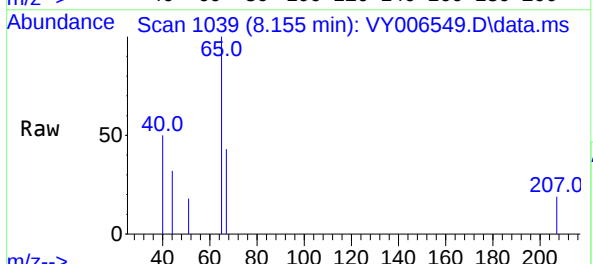
Acq: 01 Nov 2021 13:46

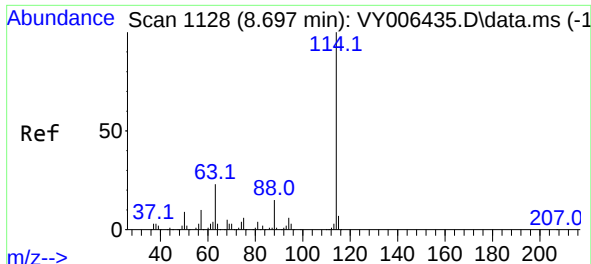
Tgt Ion: 65 Resp: 812

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY006549.D

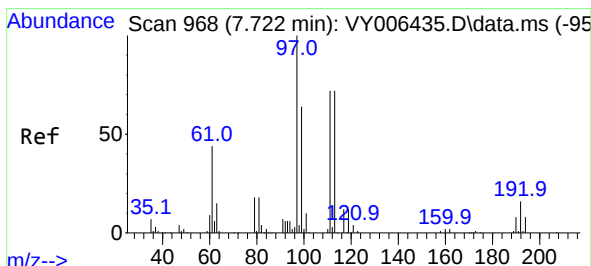
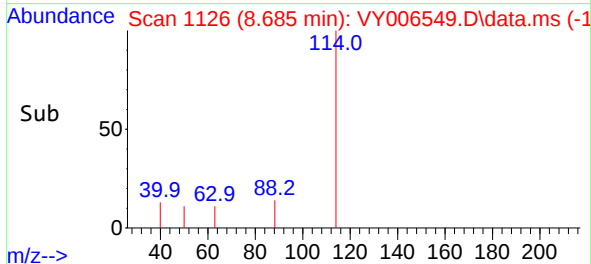
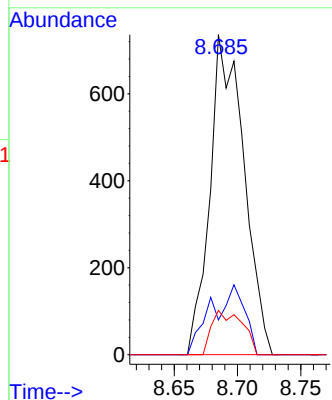
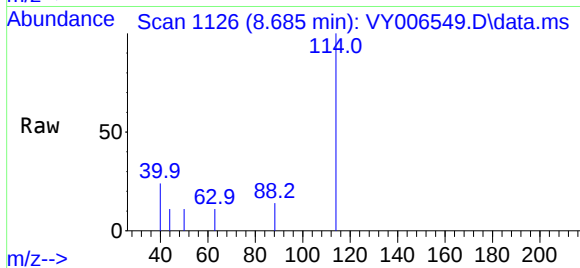
Acq: 01 Nov 2021 13:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	1371
Ion	Ratio	Lower Upper
114	100	
63	10.9	0.0 45.0
88	13.9	0.0 30.6



#35

Dibromofluoromethane

Concen: 13.217 ug/l

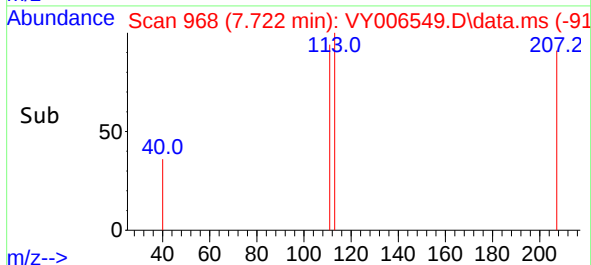
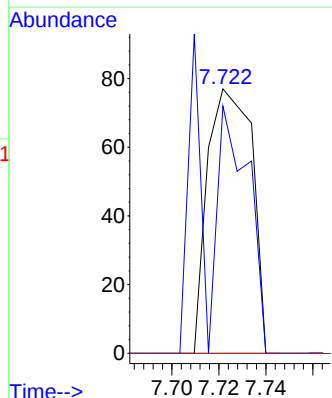
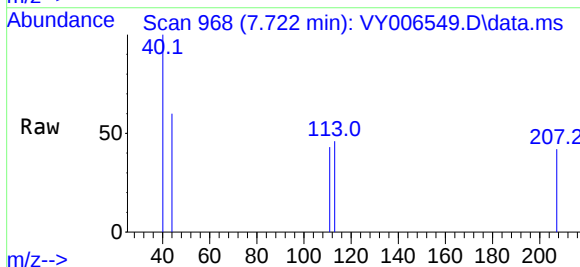
RT: 7.722 min Scan# 968

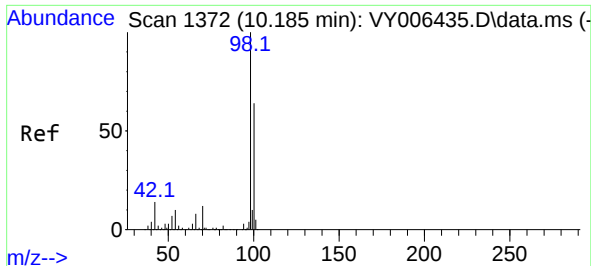
Delta R.T. -0.000 min

Lab File: VY006549.D

Acq: 01 Nov 2021 13:46

Tgt Ion:113	Resp:	101
Ion	Ratio	Lower Upper
113	100	
111	65.3	82.3 123.5#
192	0.0	17.4 26.2#

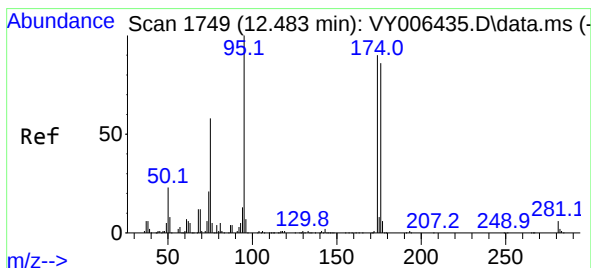
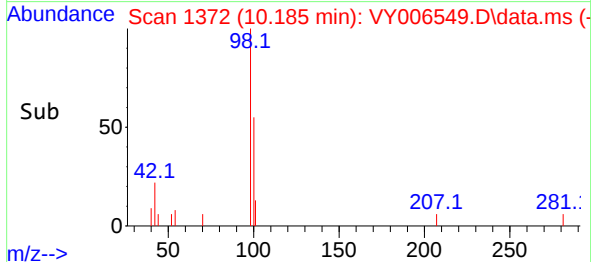
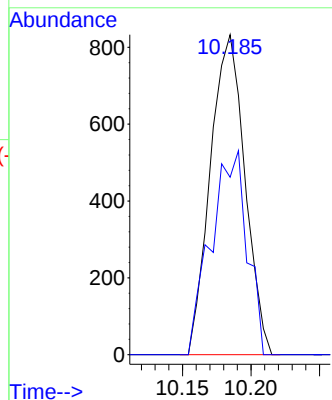
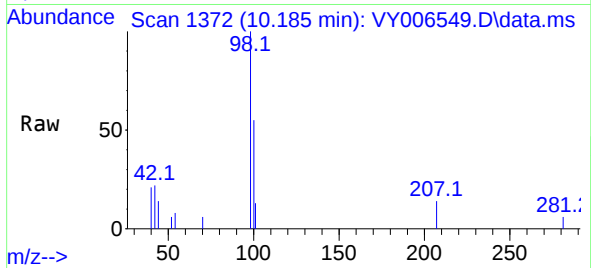




#50
Toluene-d8
Concen: 45.070 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

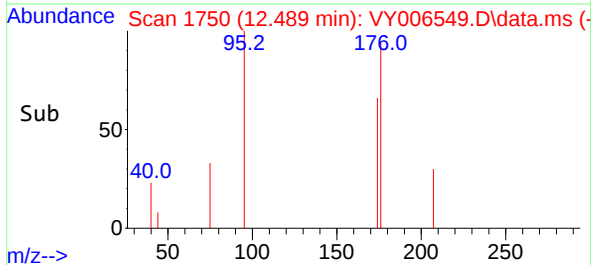
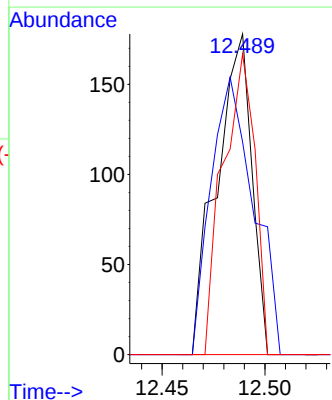
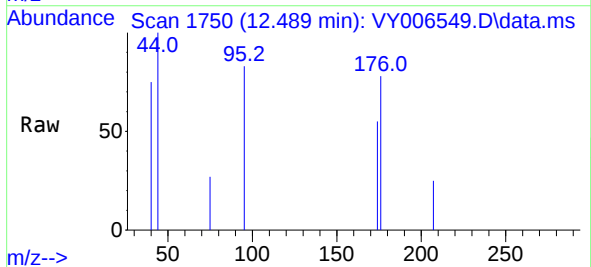
Instrument :
MSVOA_Y
ClientSampleId :

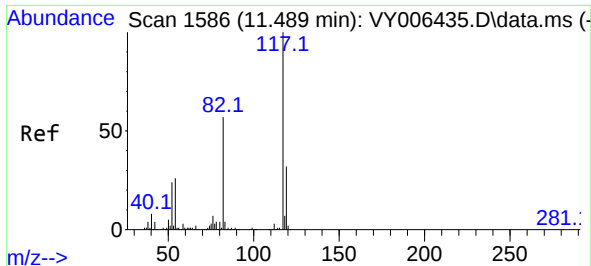
Tgt Ion: 98 Resp: 1460
Ion Ratio Lower Upper
98 100
100 66.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 19.428 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

Tgt Ion: 95 Resp: 212
Ion Ratio Lower Upper
95 100
174 105.2 0.0 177.0
176 85.4 0.0 169.4

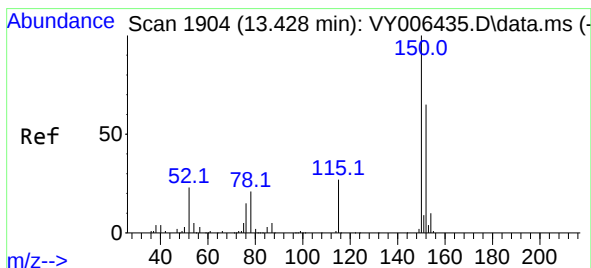
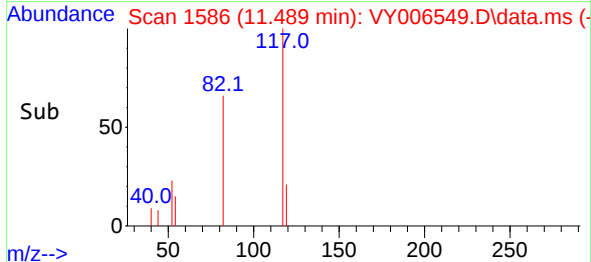
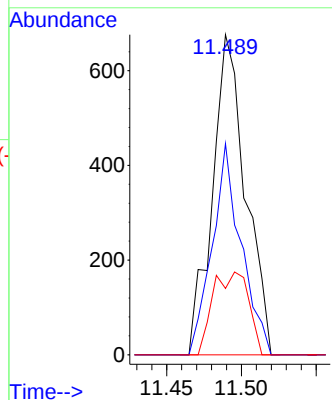
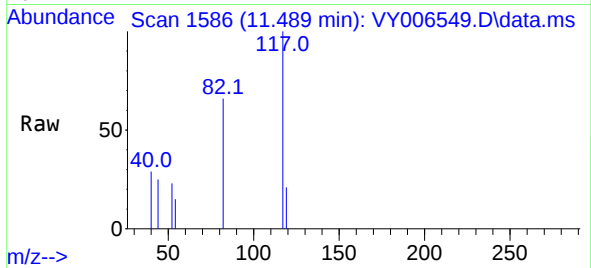




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

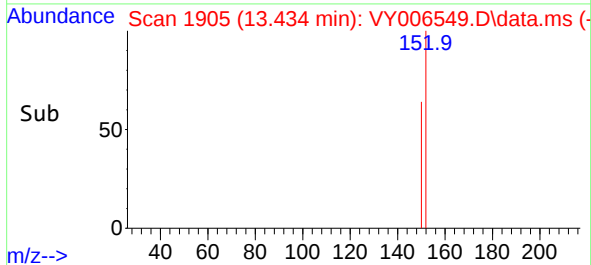
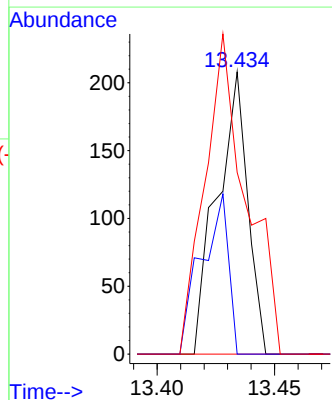
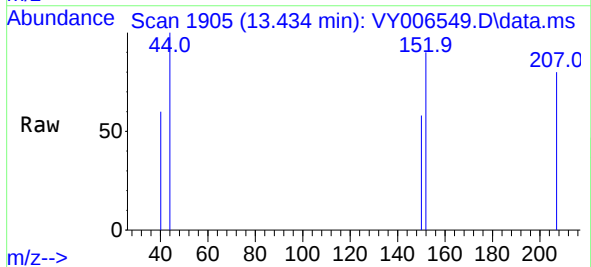
Instrument :
MSVOA_Y
ClientSampleId :

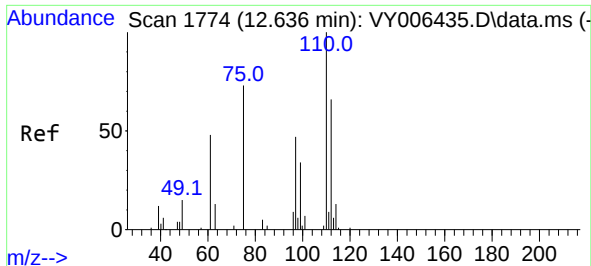
Tgt Ion:117 Resp: 1047
Ion Ratio Lower Upper
117 100
82 66.0 45.7 68.5
119 20.7 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

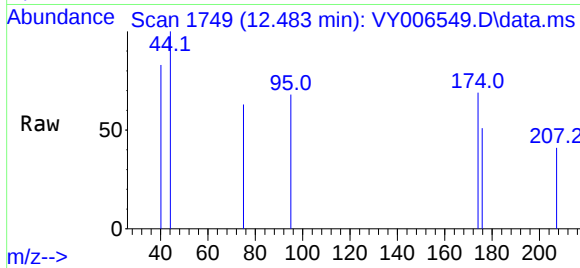
Tgt Ion:152 Resp: 189
Ion Ratio Lower Upper
152 100
115 49.7 28.5 85.5
150 152.9 0.0 348.2



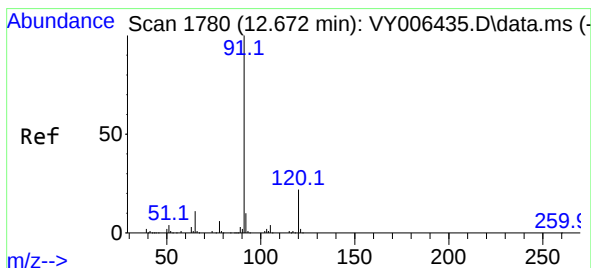
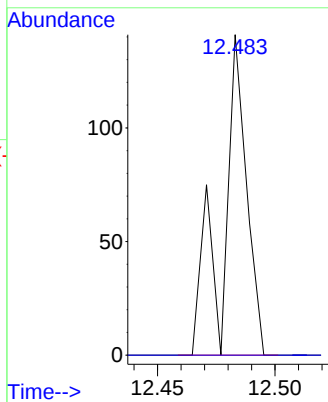
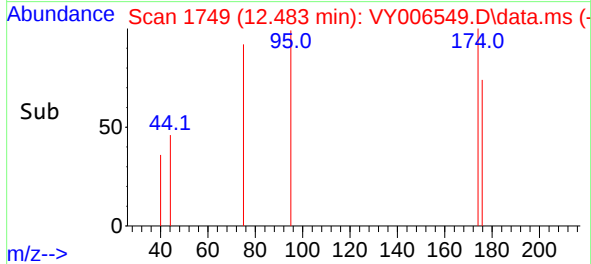


#76
1,2,3-Trichloropropane
Concen: 51.345 ug/l
RT: 12.483 min Scan# 1774
Delta R.T. -0.153 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

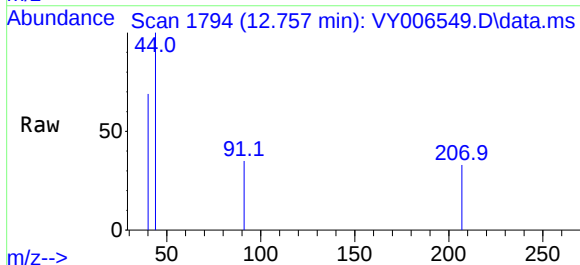
Instrument :
MSVOA_Y
ClientSampleId :



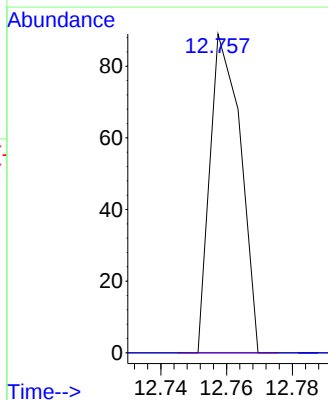
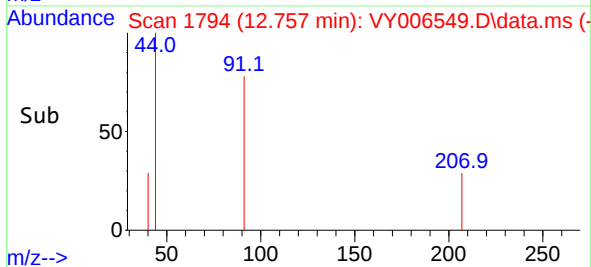
Tgt Ion: 75 Resp: 100
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

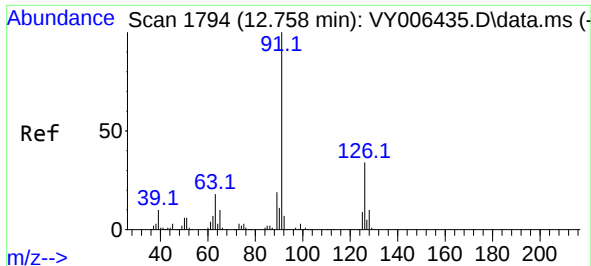


#78
n-propylbenzene
Concen: 3.489 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.085 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46



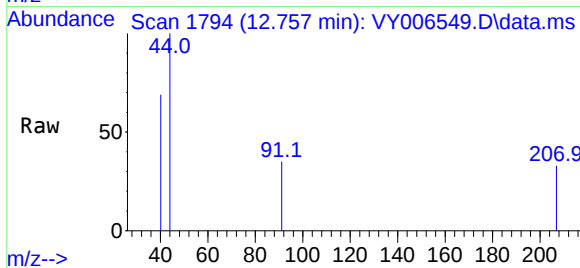
Tgt Ion: 91 Resp: 57
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.8#



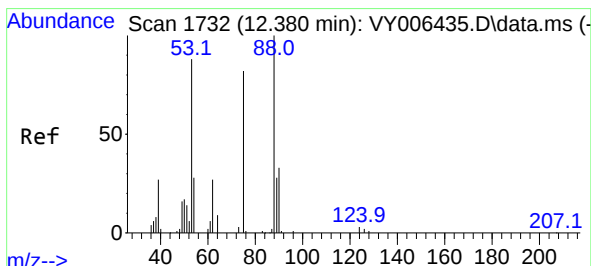
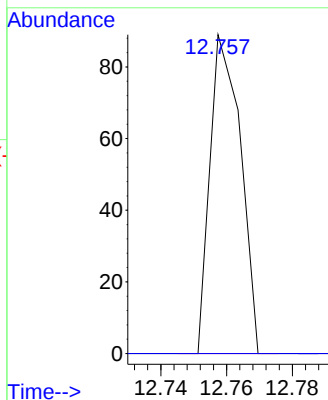
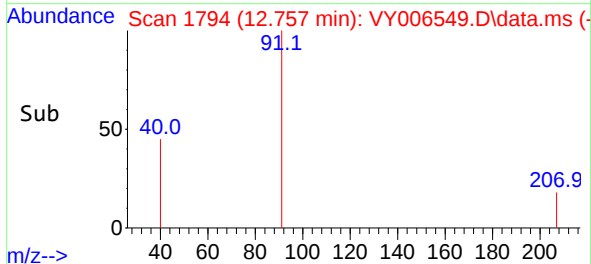


#79
2-Chlorotoluene
Concen: 6.302 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

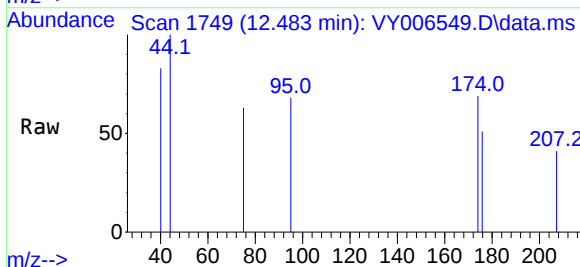
Instrument :
MSVOA_Y
ClientSampleId :



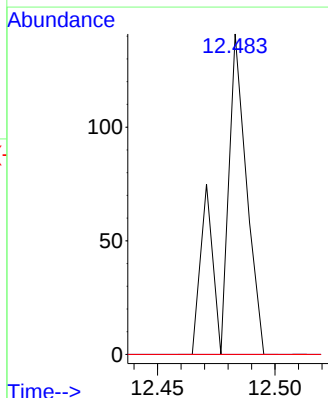
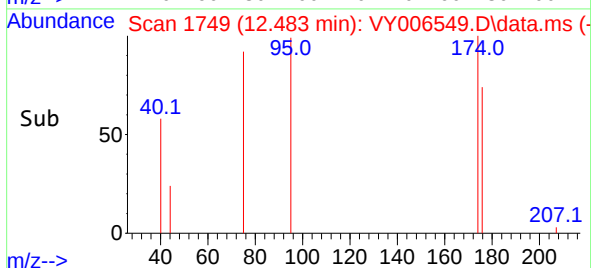
Tgt Ion: 91 Resp: 57
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#

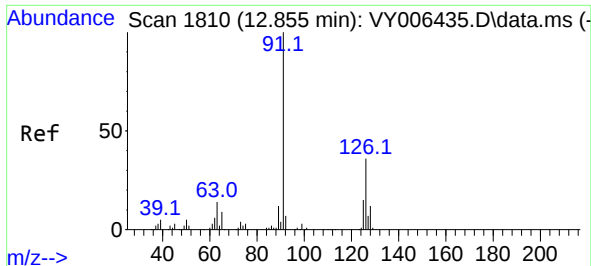


#81
trans-1,4-Dichloro-2-butene
Concen: 105.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46



Tgt Ion: 75 Resp: 100
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

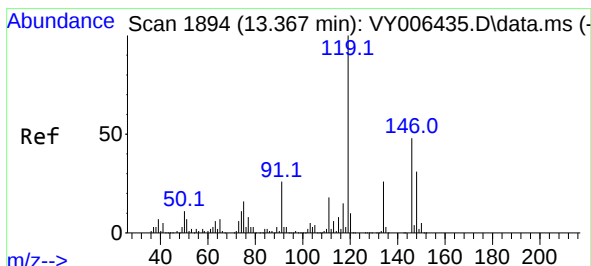
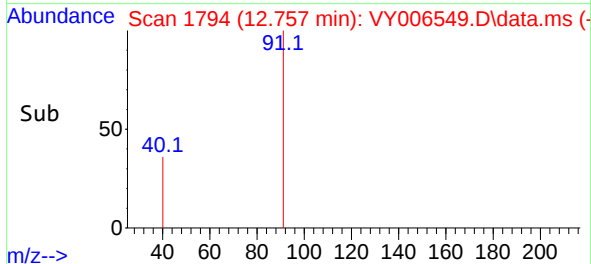
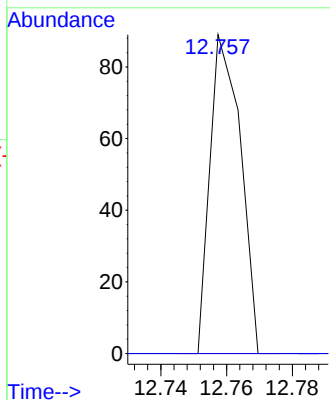
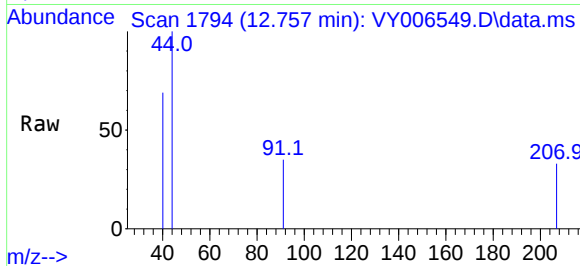




#82
4-Chlorotoluene
Concen: 6.048 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.098 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

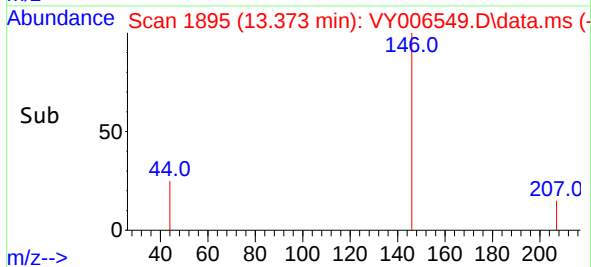
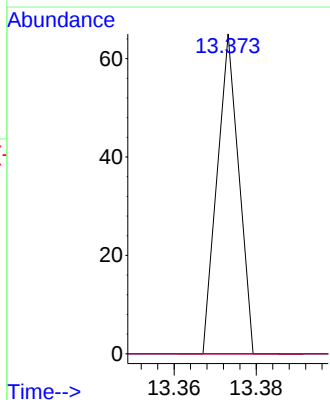
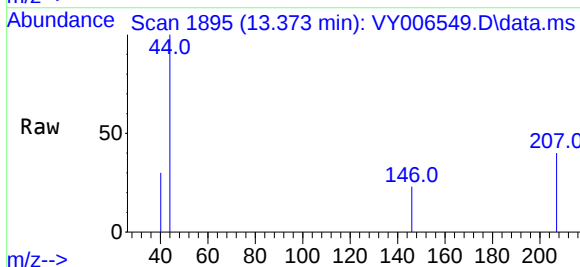
Instrument :
MSVOA_Y
ClientSampleId :

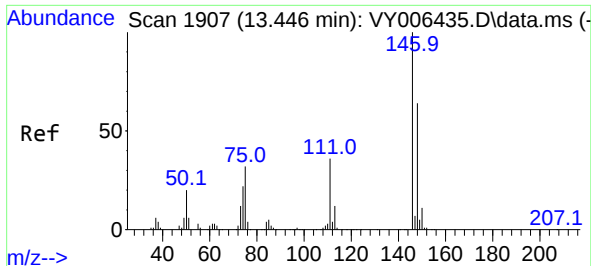
Tgt Ion: 91 Resp: 57
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#



#87
1,3-Dichlorobenzene
Concen: 3.839 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

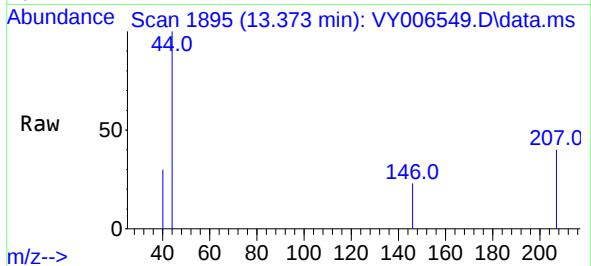
Tgt Ion: 146 Resp: 24
Ion Ratio Lower Upper
146 100
111 0.0 19.3 57.9#
148 0.0 31.9 95.7#



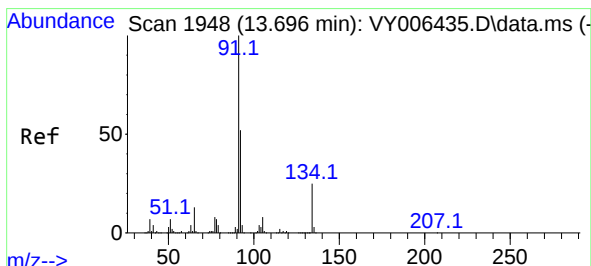
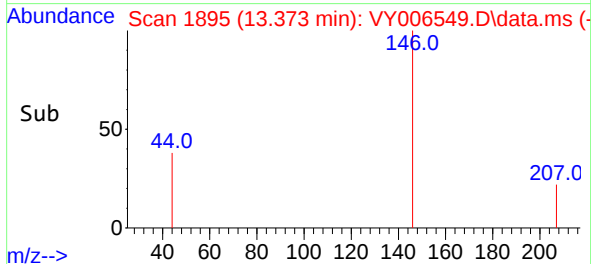
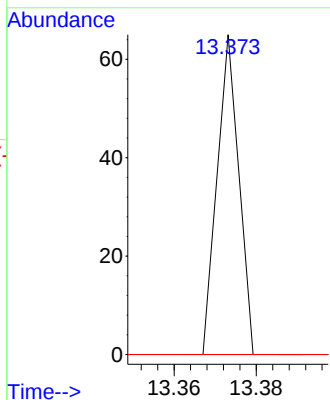


#88
1,4-Dichlorobenzene
Concen: 3.905 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.073 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

Instrument :
MSVOA_Y
ClientSampleId :

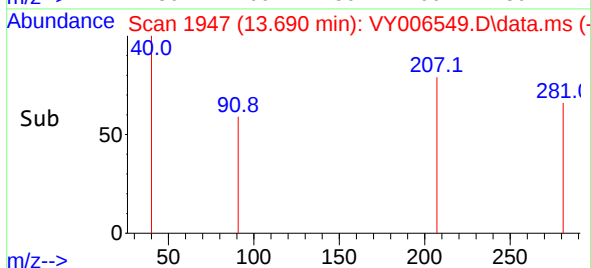
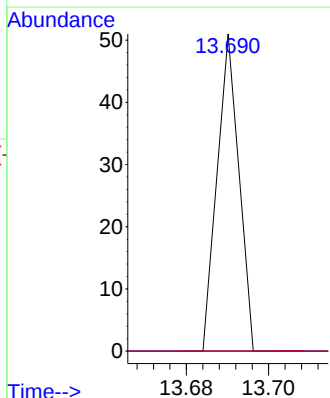
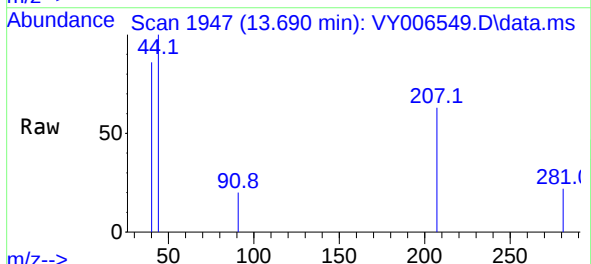


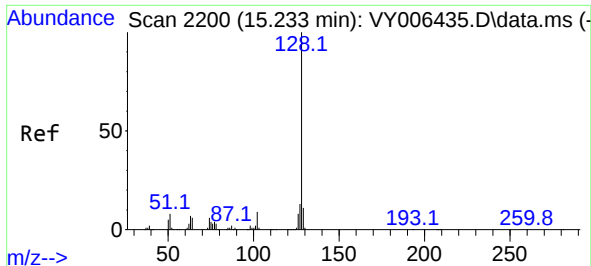
Tgt Ion:146 Resp: 24
Ion Ratio Lower Upper
146 100
111 0.0 18.9 56.5#
148 0.0 32.0 96.2#



#89
n-Butylbenzene
Concen: 1.657 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY006549.D
Acq: 01 Nov 2021 13:46

Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 0.0 12.9 38.7#





#95

Naphthalene

Concen: 6.775 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

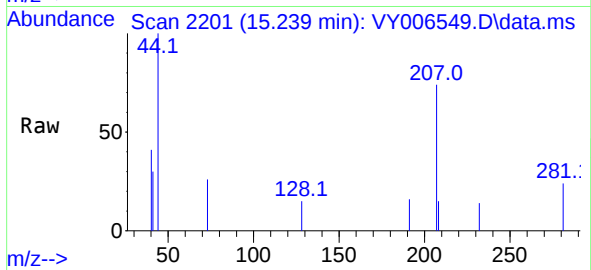
Lab File: VY006549.D

Acq: 01 Nov 2021 13:46

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 48

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.9 13.3#

