

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074273.D
 Acq On : 13 Sep 2022 18:42
 Operator : VA/SY
 Sample : N4562-03RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26524RE

Quant Time: Sep 14 01:57:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

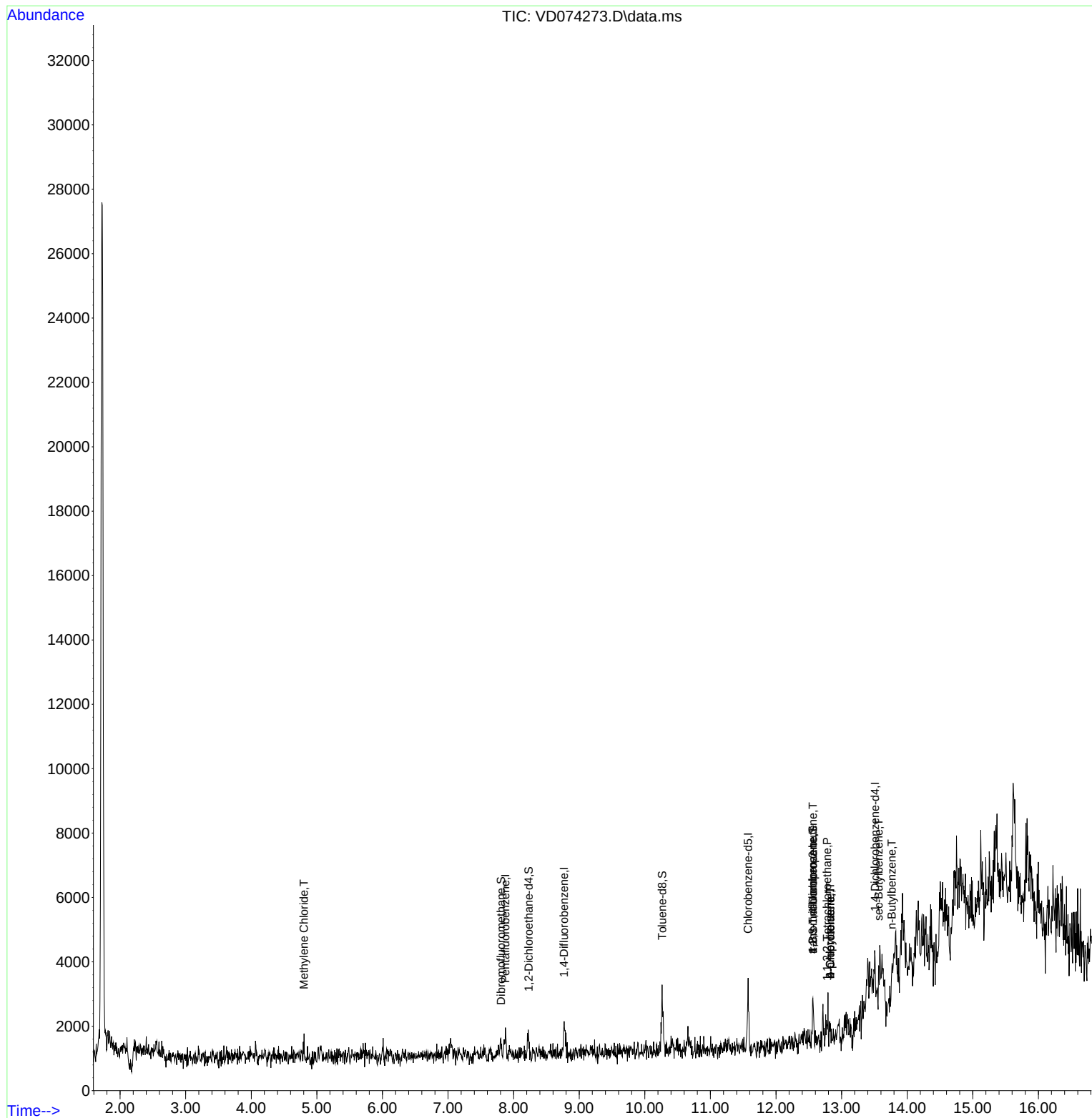
Internal Standards						
1) Pentafluorobenzene	7.875	168	610	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	1505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	1203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	370	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	484	77.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.660%	
35) Dibromofluoromethane	7.810	113	351	33.781	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 67.560%	
50) Toluene-d8	10.263	98	2053	55.649	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.300%	
62) 4-Bromofluorobenzene	12.563	95	775	61.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.560%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	66	2.697	ug/l	# 60
75) 1,1,2,2-Tetrachloroethane	12.781	83	81	14.210	ug/l	# 25
76) 1,2,3-Trichloropropane	12.563	75	165	43.501	ug/l	# 100
78) n-propylbenzene	12.828	91	56	1.459	ug/l	# 52
79) 2-Chlorotoluene	12.828	91	56	2.697	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	12.563	75	165	107.253	ug/l	# 100
82) 4-Chlorotoluene	12.828	91	56	2.649	ug/l	# 40
85) sec-Butylbenzene	13.563	105	116	3.373	ug/l	# 57
89) n-Butylbenzene	13.763	91	54	1.967	ug/l	# 33

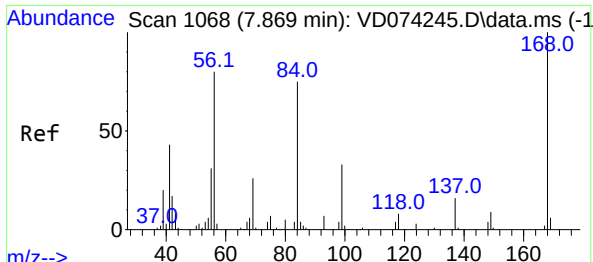
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

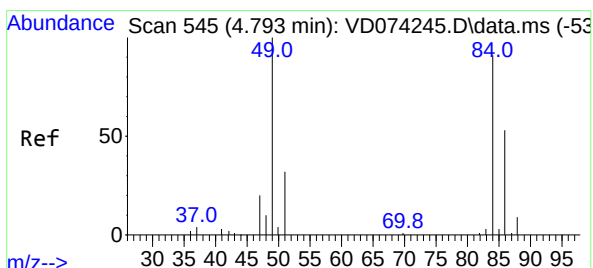
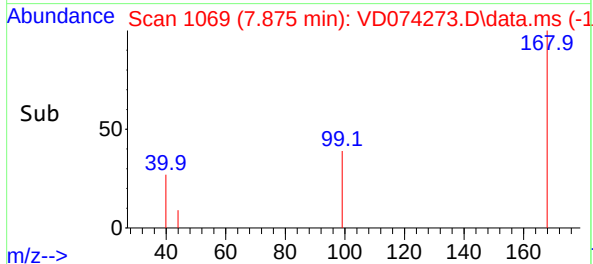
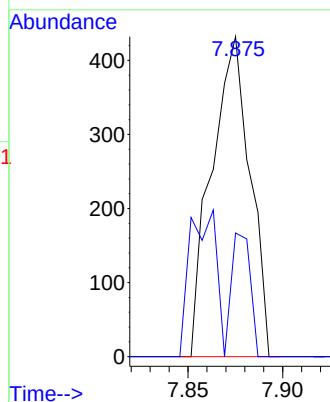
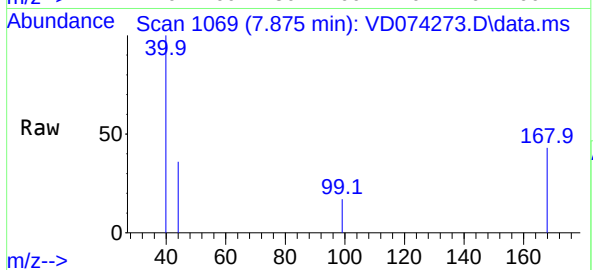




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

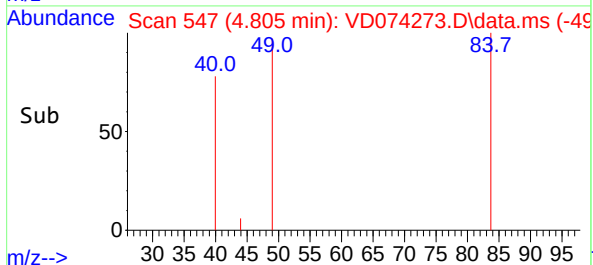
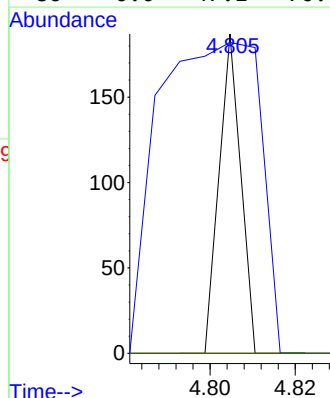
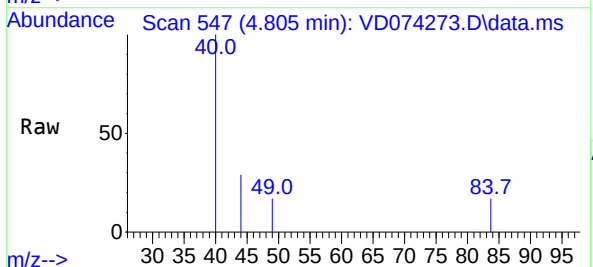
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE

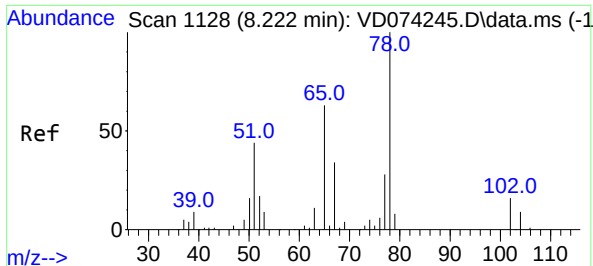
Tgt Ion:168 Resp: 610
Ion Ratio Lower Upper
168 100
99 38.7 43.0 64.6#



#20
Methylene Chloride
Concen: 2.697 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Tgt Ion: 84 Resp: 66
Ion Ratio Lower Upper
84 100
49 97.3 88.4 132.6
51 0.0 28.0 42.0#
86 0.0 47.1 70.7#

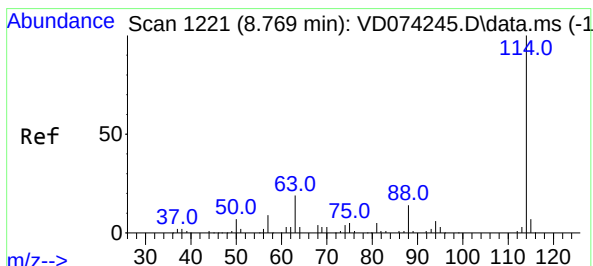
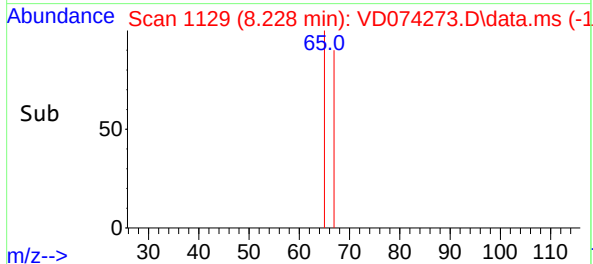
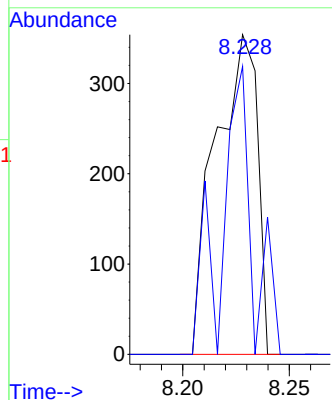
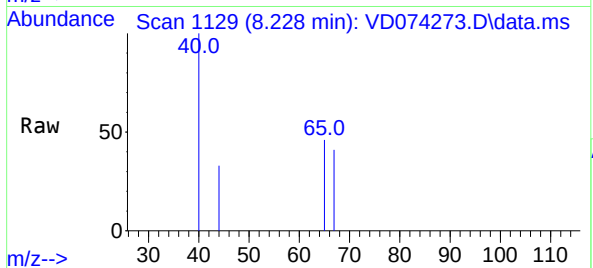




#33
 1,2-Dichloroethane-d4
 Concen: 77.826 ug/l
 RT: 8.228 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VD074273.D
 Acq: 13 Sep 2022 18:42

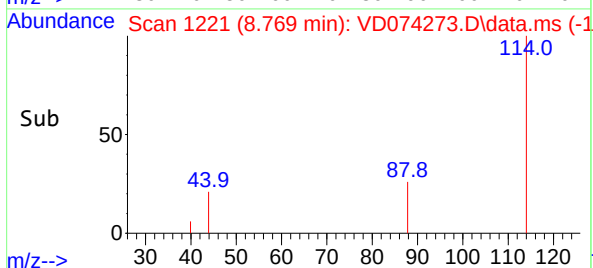
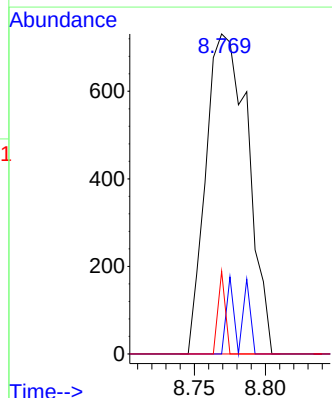
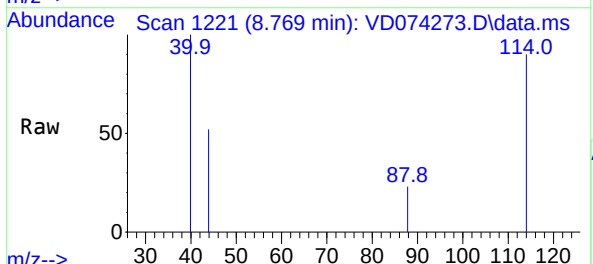
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26524RE

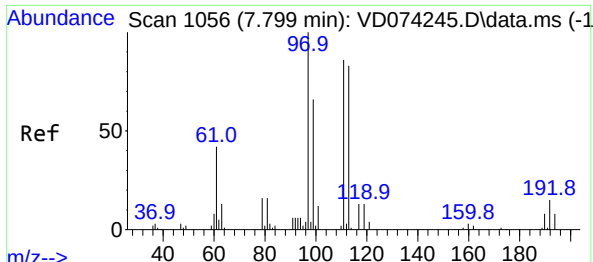
Tgt Ion: 65 Resp: 484
 Ion Ratio Lower Upper
 65 100
 67 66.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.769 min Scan# 1221
 Delta R.T. 0.000 min
 Lab File: VD074273.D
 Acq: 13 Sep 2022 18:42

Tgt Ion: 114 Resp: 1505
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 37.6
 88 25.9 0.0 28.4

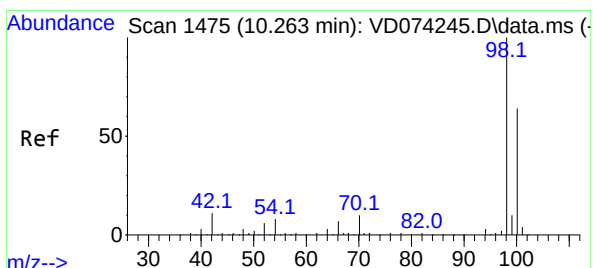
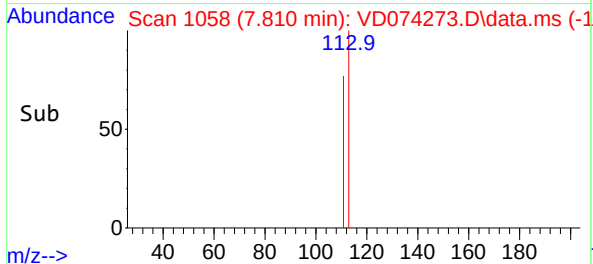
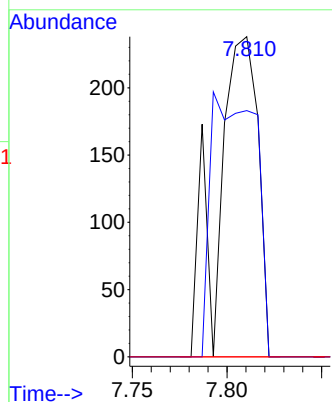
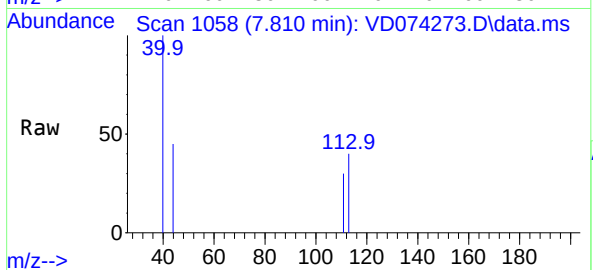




#35
Dibromofluoromethane
Concen: 33.781 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.011 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

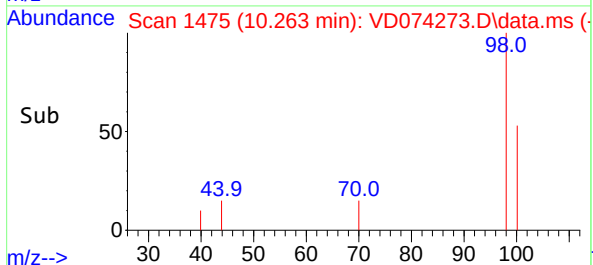
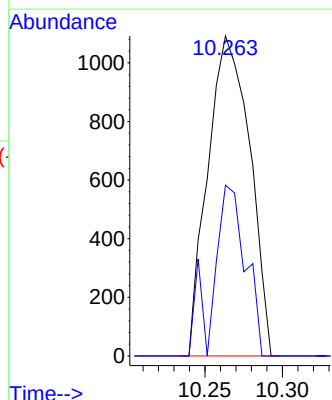
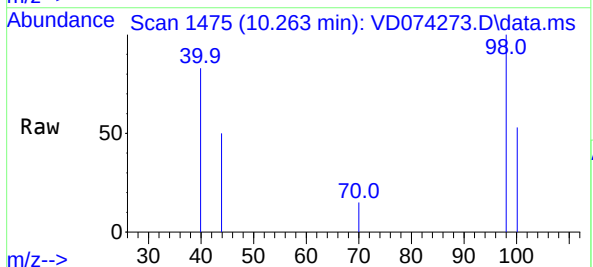
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE

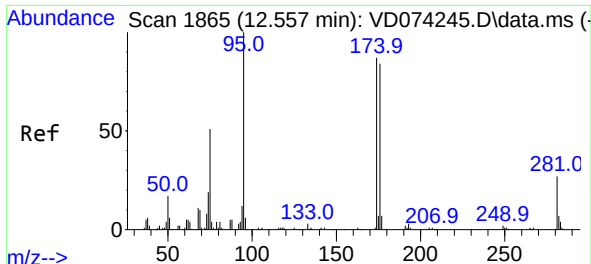
Tgt Ion:113 Resp: 351
Ion Ratio Lower Upper
113 100
111 92.3 83.0 124.6
192 0.0 16.2 24.2#



#50
Toluene-d8
Concen: 55.649 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Tgt Ion: 98 Resp: 2053
Ion Ratio Lower Upper
98 100
100 41.2 51.8 77.8#

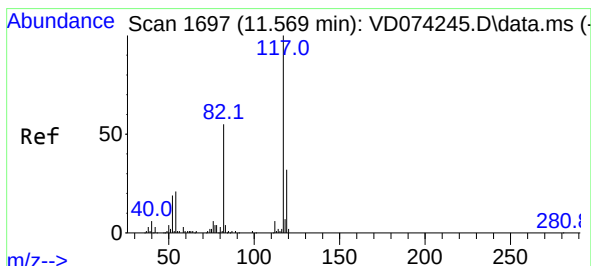
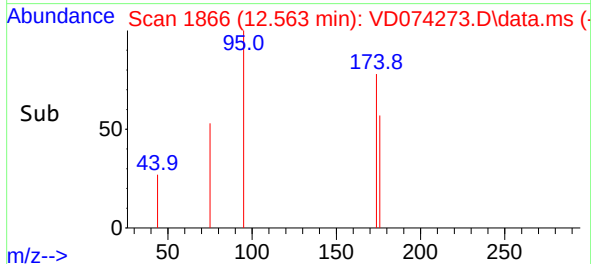
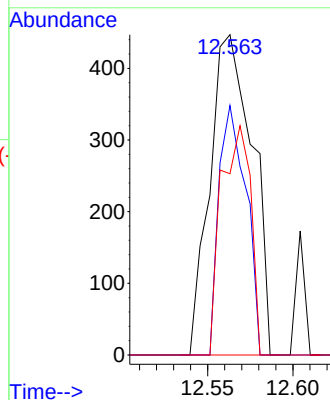
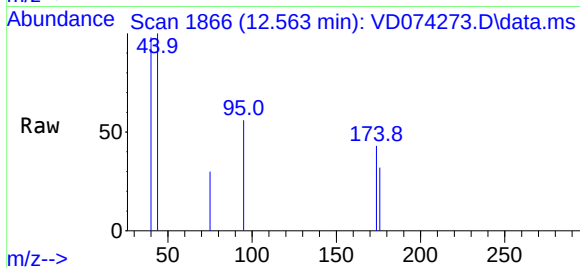




#62
4-Bromofluorobenzene
Concen: 61.781 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

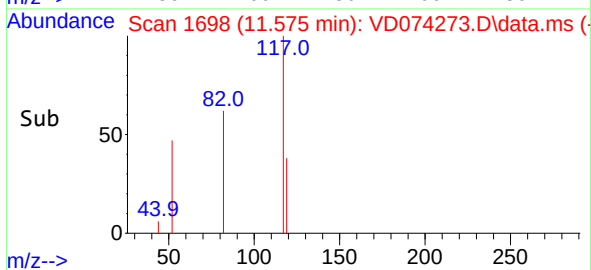
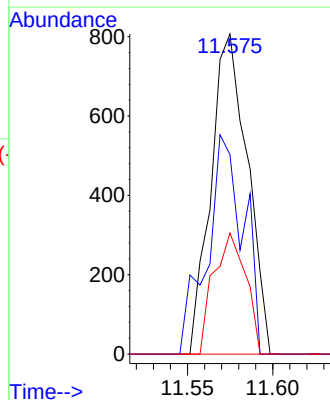
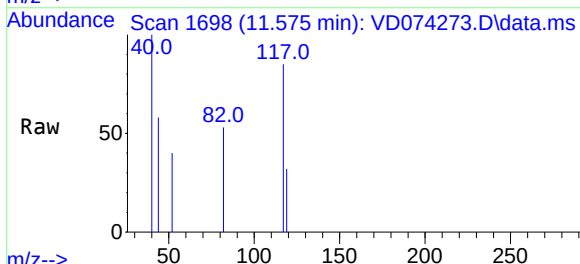
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE

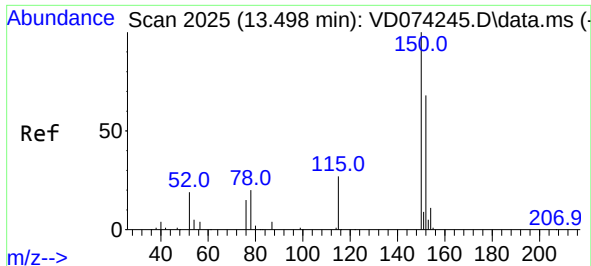
Tgt Ion:	95	Resp:	775
Ion	Ratio	Lower	Upper
95	100		
174	49.7	0.0	179.2
176	49.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

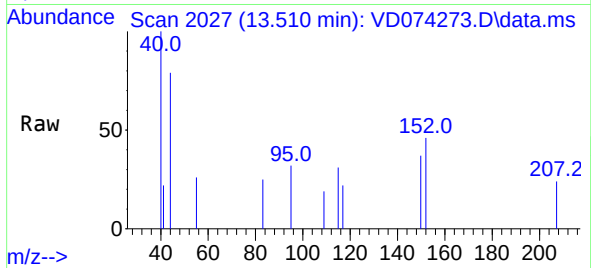
Tgt Ion:	117	Resp:	1203
Ion	Ratio	Lower	Upper
117	100		
82	62.3	44.2	66.2
119	37.8	25.4	38.0



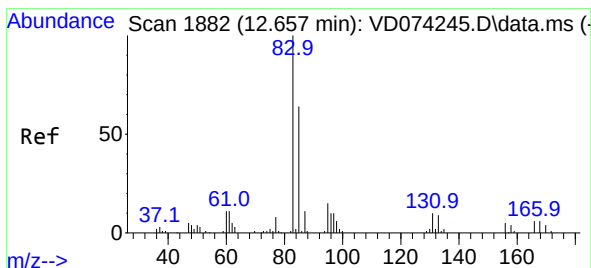
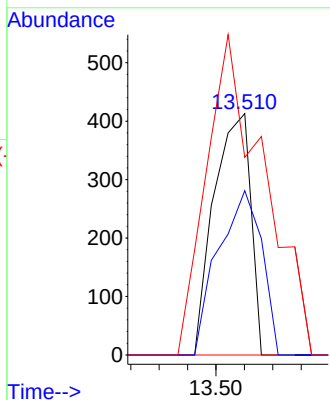
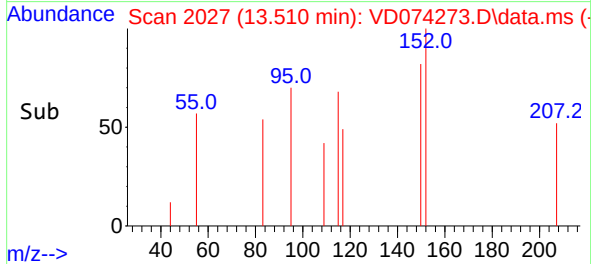


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.012 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

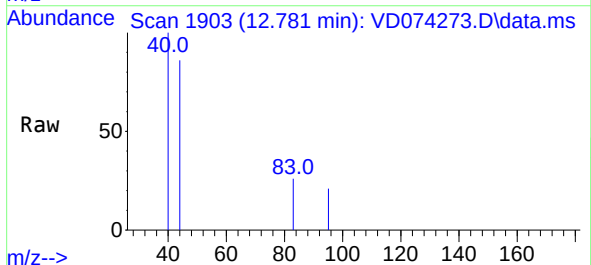
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE



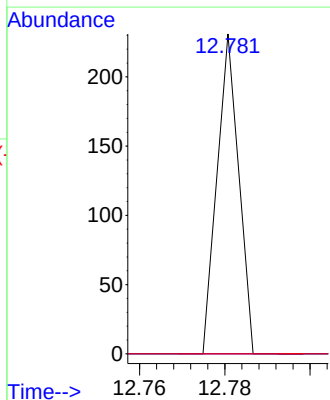
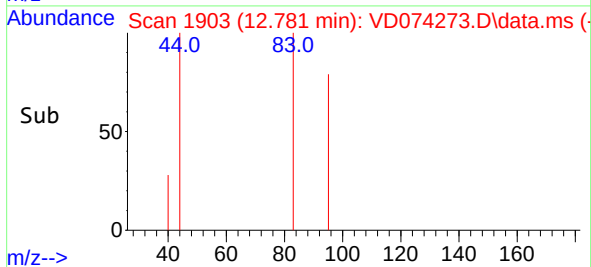
Tgt Ion:152 Resp: 370
Ion Ratio Lower Upper
152 100
115 81.1 28.4 85.2
150 208.1 0.0 351.0

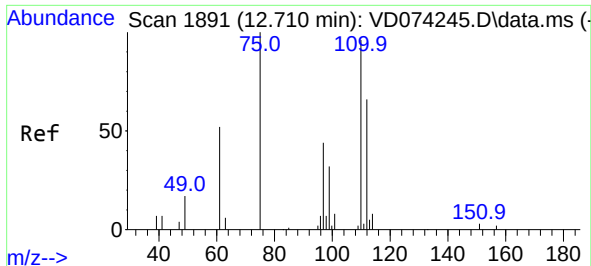


#75
1,1,2,2-Tetrachloroethane
Concen: 14.210 ug/l
RT: 12.781 min Scan# 1903
Delta R.T. 0.124 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42



Tgt Ion: 83 Resp: 81
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 0.0 32.3 96.9#

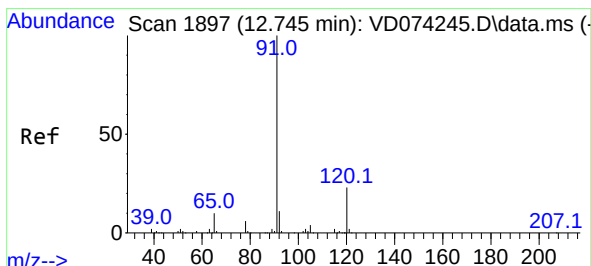
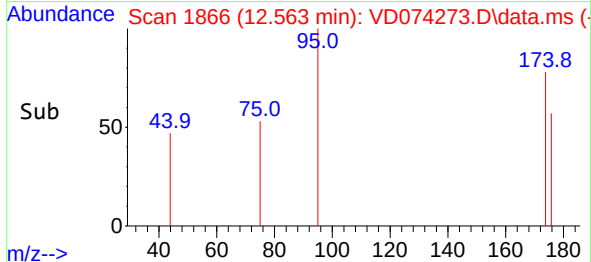
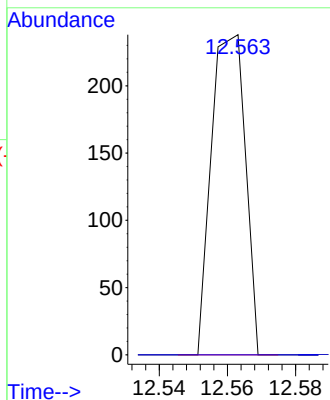
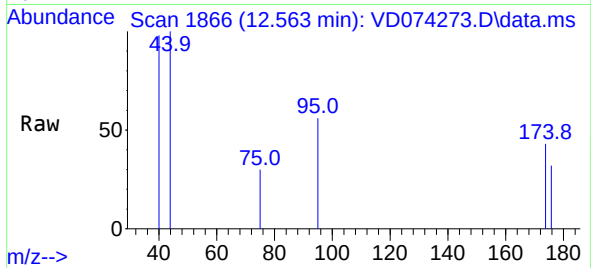




#76
1,2,3-Trichloropropane
Concen: 43.501 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

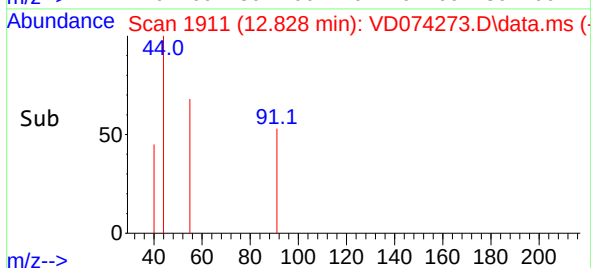
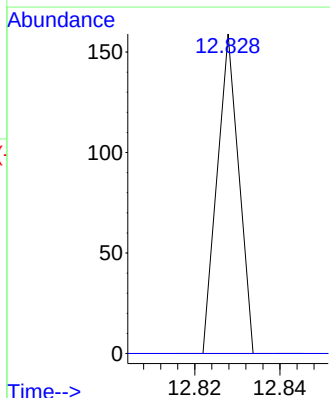
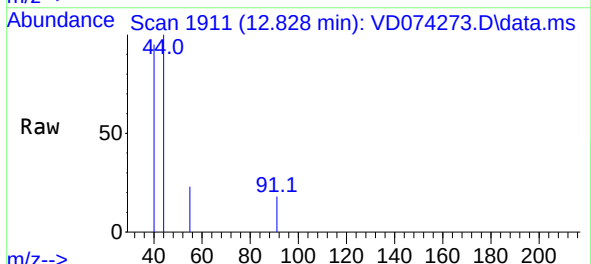
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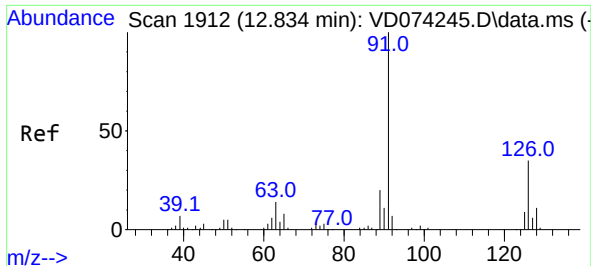
Tgt Ion: 75 Resp: 165
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 1.459 ug/l
RT: 12.828 min Scan# 1911
Delta R.T. 0.082 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Tgt Ion: 91 Resp: 56
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.7#

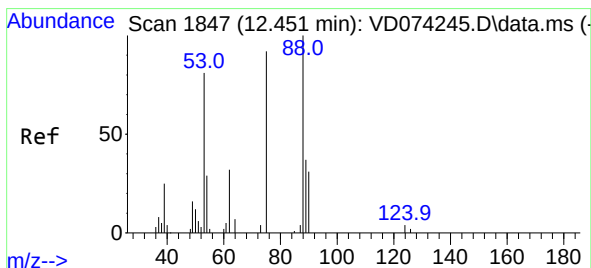
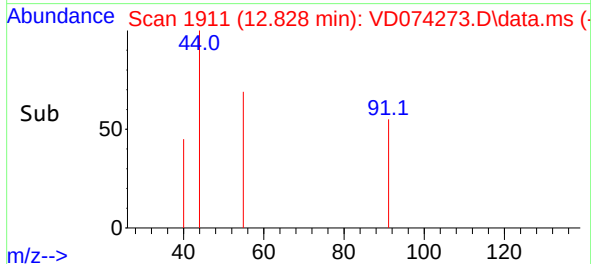
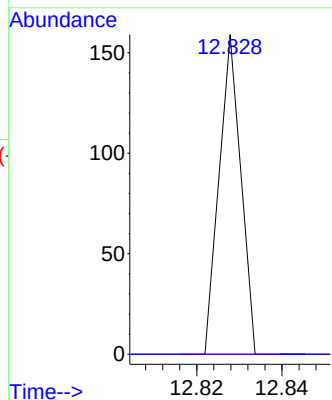
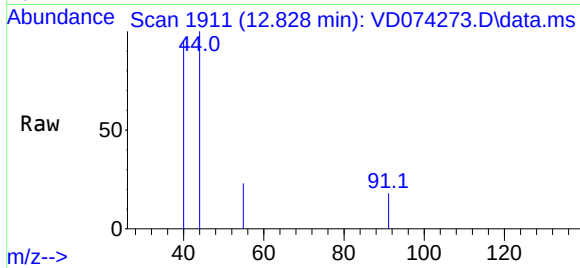




#79
2-Chlorotoluene
Concen: 2.697 ug/l
RT: 12.828 min Scan# 1912
Delta R.T. -0.006 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

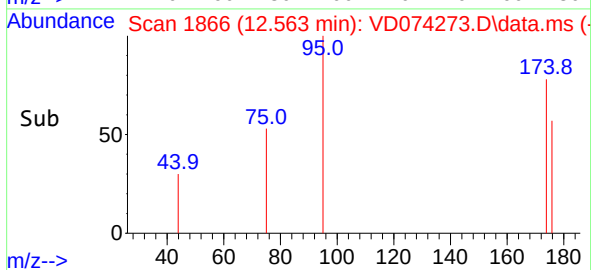
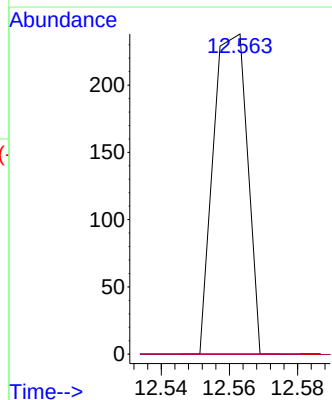
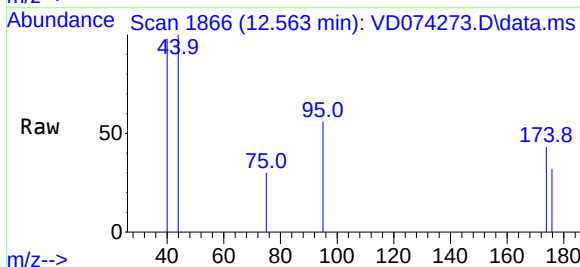
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE

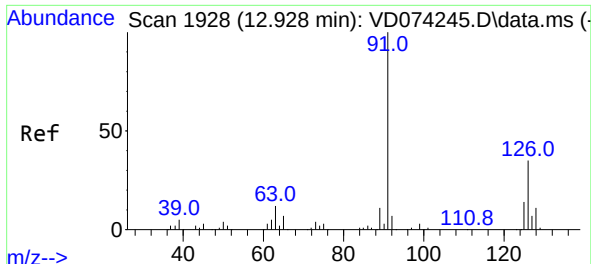
Tgt Ion: 91 Resp: 56
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.253 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Tgt Ion: 75 Resp: 165
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

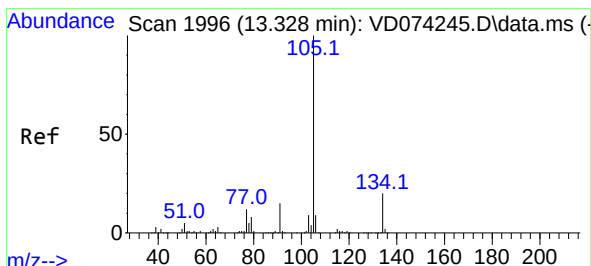
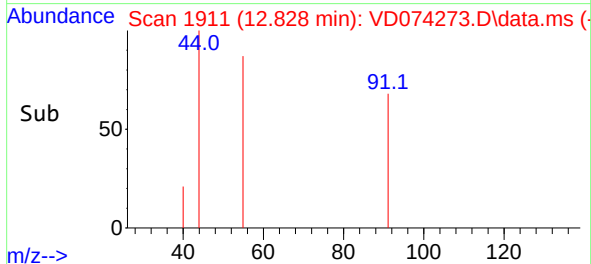
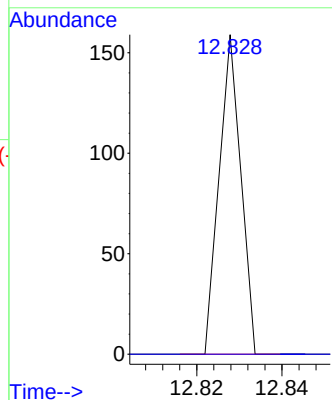
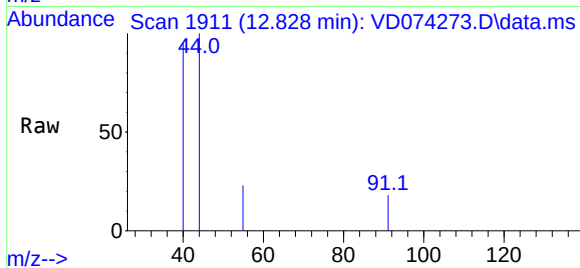




#82
4-Chlorotoluene
Concen: 2.649 ug/l
RT: 12.828 min Scan# 1928
Delta R.T. -0.100 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

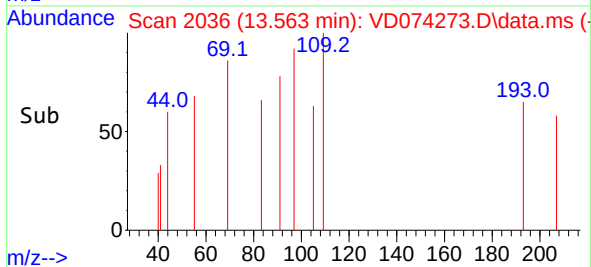
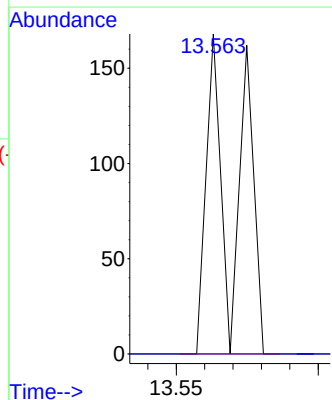
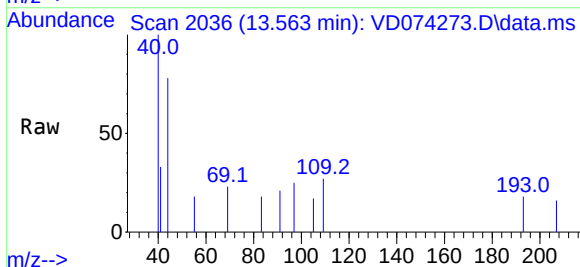
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524RE

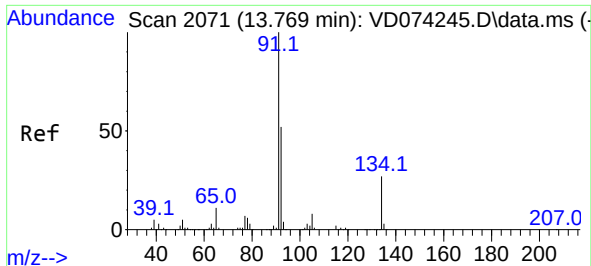
Tgt Ion: 91 Resp: 56
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#85
sec-Butylbenzene
Concen: 3.373 ug/l
RT: 13.563 min Scan# 2036
Delta R.T. 0.235 min
Lab File: VD074273.D
Acq: 13 Sep 2022 18:42

Tgt Ion: 105 Resp: 116
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#89

n-Butylbenzene

Concen: 1.967 ug/l

RT: 13.763 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD074273.D

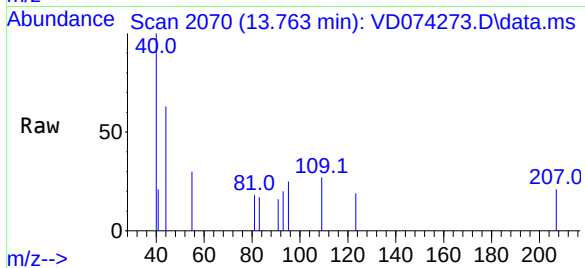
Acq: 13 Sep 2022 18:42

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26524RE



Tgt Ion: 91 Resp: 54

Ion Ratio Lower Upper

91 100

92 0.0 26.6 79.7#

134 0.0 13.1 39.1#

