

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006811.D
 Acq On : 18 Nov 2021 16:57
 Operator : SY/MD
 Sample : M4766-03
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26706

Quant Time: Nov 19 05:34:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

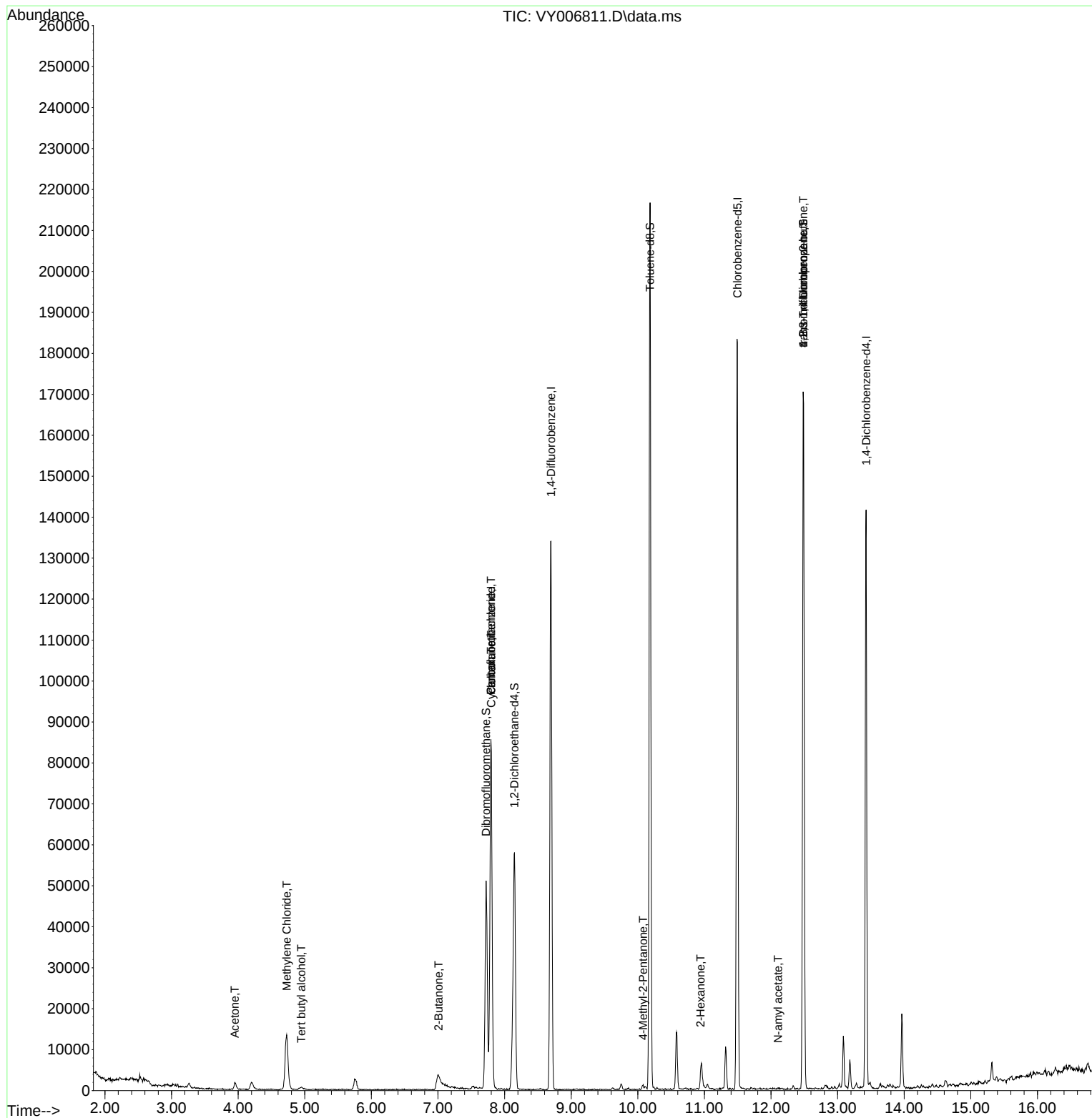
Internal Standards						
1) Pentafluorobenzene	7.795	168	63034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	106022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	91786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	43567	52.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.480%	
35) Dibromofluoromethane	7.722	113	33480	51.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.185	98	134988	50.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.483	95	36766	40.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	993	7.993	ug/l #	72
16) Acetone	3.948	43	2716	10.821	ug/l #	77
20) Methylene Chloride	4.728	84	8810	8.950	ug/l #	86
25) 2-Butanone	7.008	43	511	12.836	ug/l #	52
31) Cyclohexane	7.801	56	1680	1.157	ug/l #	23
38) Carbon Tetrachloride	7.795	117	6613	5.610	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	821	1.078	ug/l	98
59) 2-Hexanone	10.941	43	169	24.090	ug/l #	28
74) N-amyl acetate	12.105	43	37	3.193	ug/l #	37
76) 1,2,3-Trichloropropane	12.483	75	21099	58.793	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21099	116.496	ug/l #	7

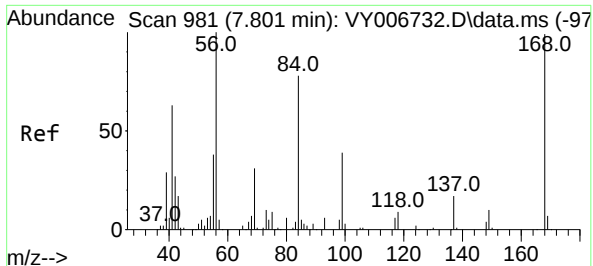
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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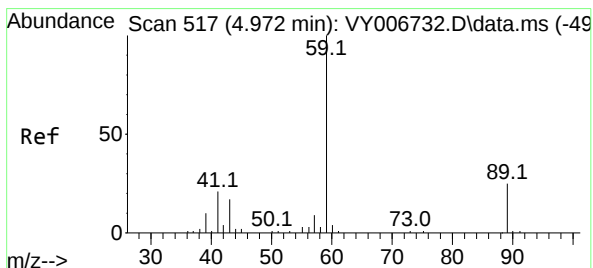
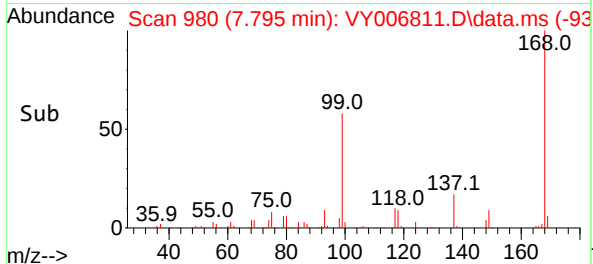
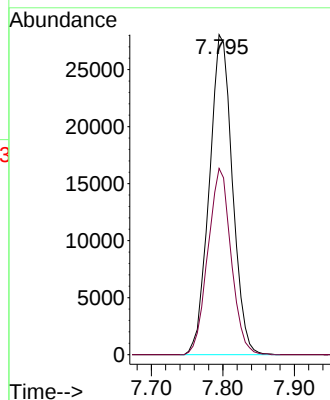
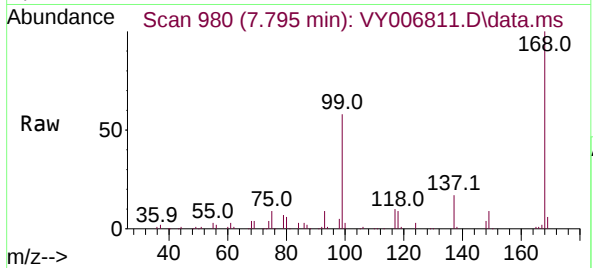




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

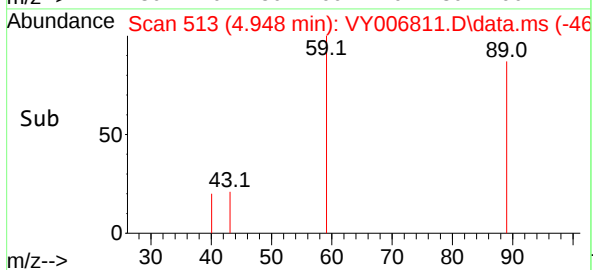
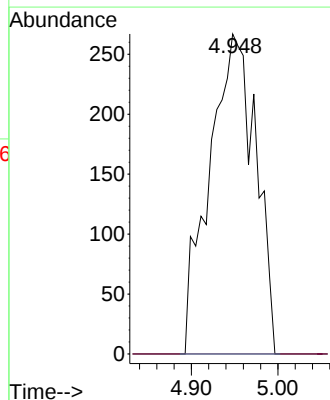
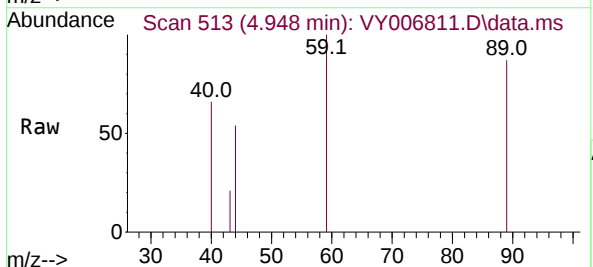
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26706

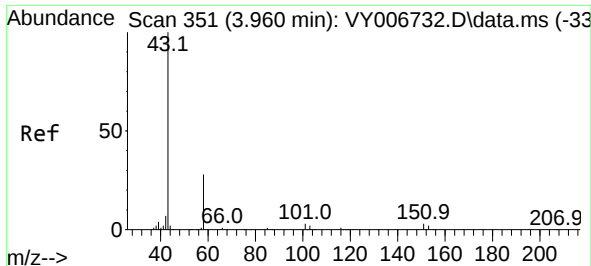
Tgt Ion:168 Resp: 63034
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 7.993 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

Tgt Ion: 59 Resp: 993
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

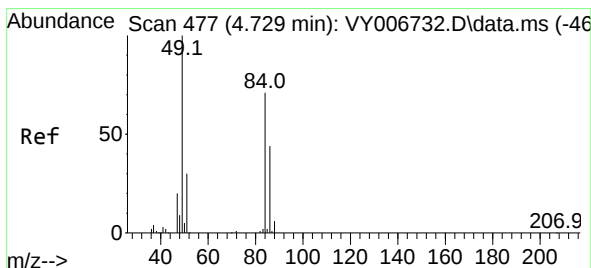
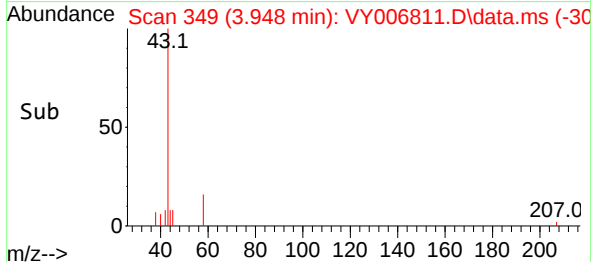
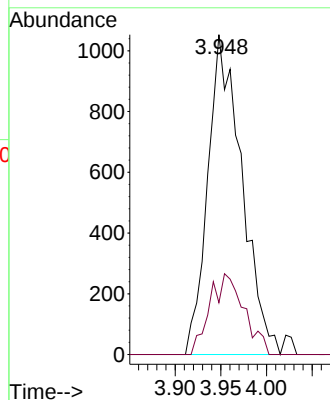
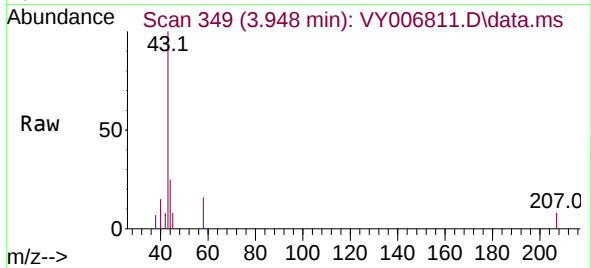




#16
Acetone
Concen: 10.821 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.013 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

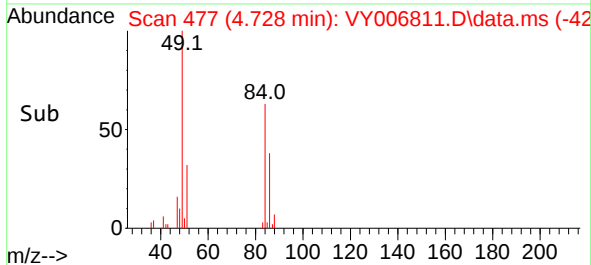
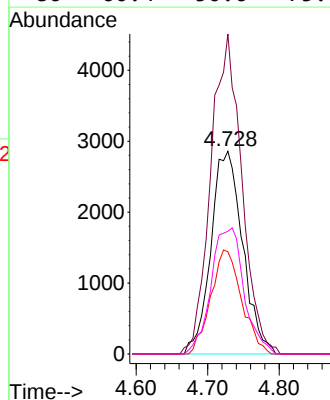
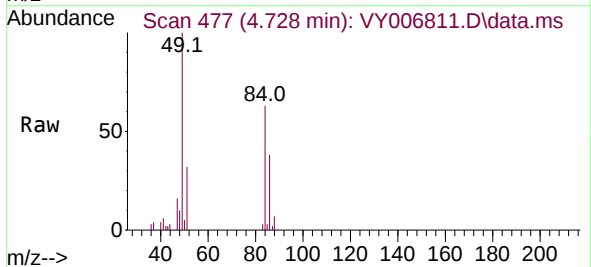
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26706

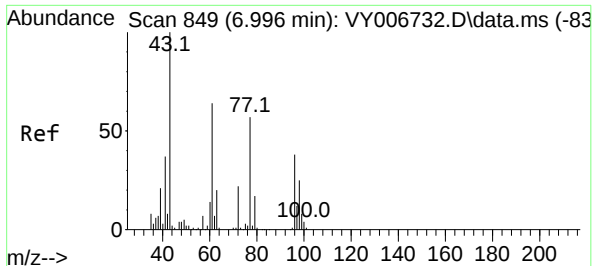
Tgt Ion: 43 Resp: 2716
Ion Ratio Lower Upper
43 100
58 16.2 22.9 34.3#



#20
Methylene Chloride
Concen: 8.950 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

Tgt Ion: 84 Resp: 8810
Ion Ratio Lower Upper
84 100
49 157.8 107.8 161.8
51 50.4 32.8 49.2#
86 60.4 50.6 75.8





#25

2-Butanone

Concen: 12.836 ug/l

RT: 7.008 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY006811.D

Acq: 18 Nov 2021 16:57

Instrument :

MSVOA_Y

ClientSampleId :

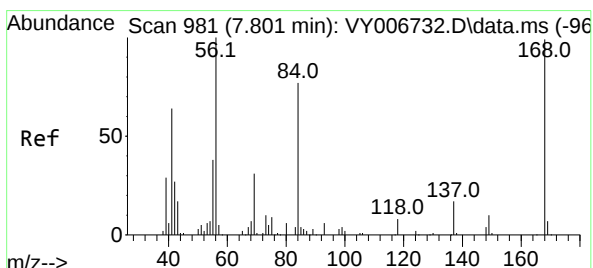
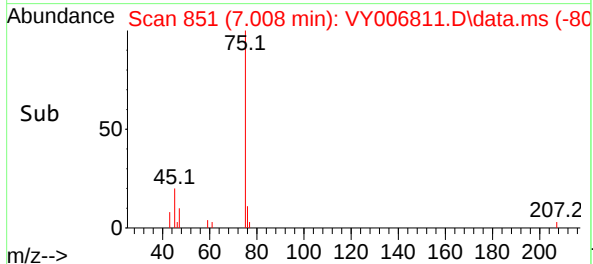
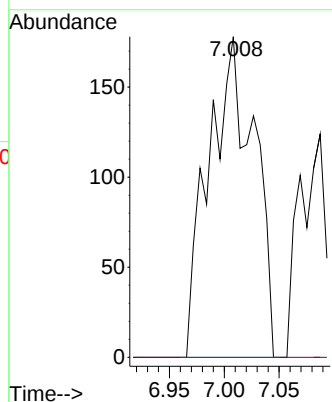
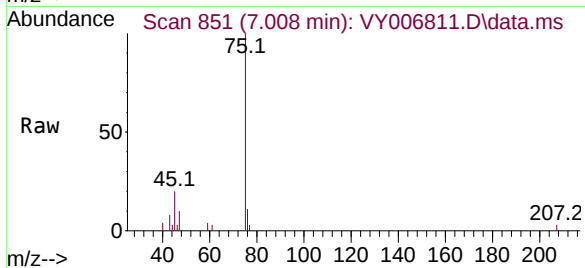
CHRT-26706

Tgt Ion: 43 Resp: 511

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY006811.D

Acq: 18 Nov 2021 16:57

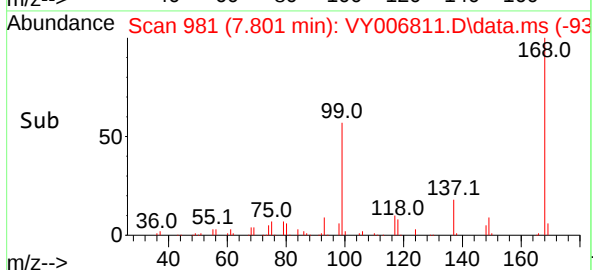
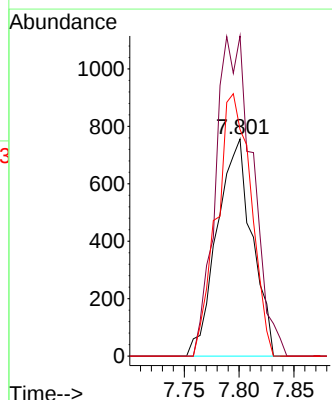
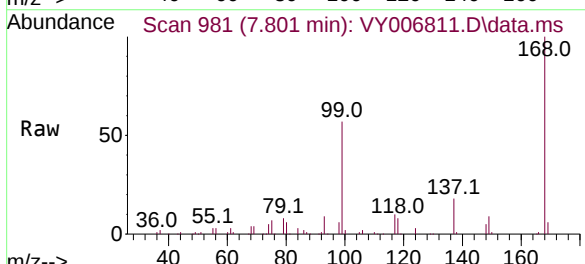
Tgt Ion: 56 Resp: 1680

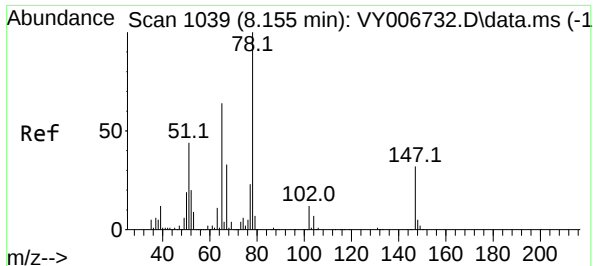
Ion Ratio Lower Upper

56 100

69 147.5 26.6 40.0#

84 104.4 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 52.736 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006811.D

Acq: 18 Nov 2021 16:57

Instrument :

MSVOA_Y

ClientSampleId :

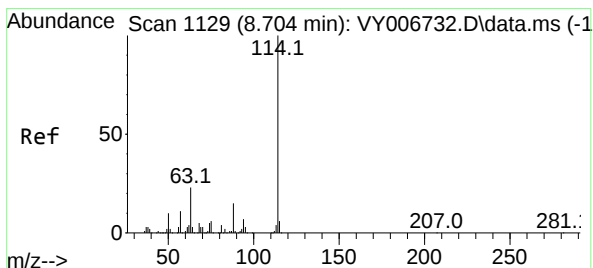
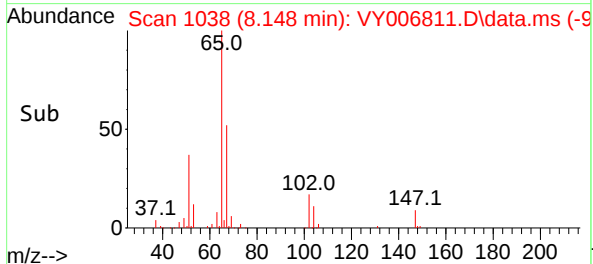
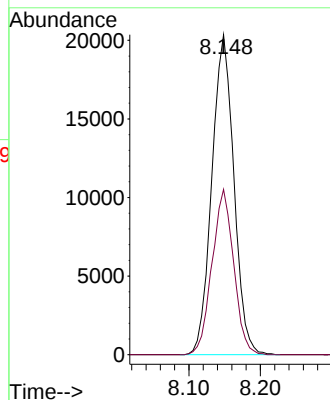
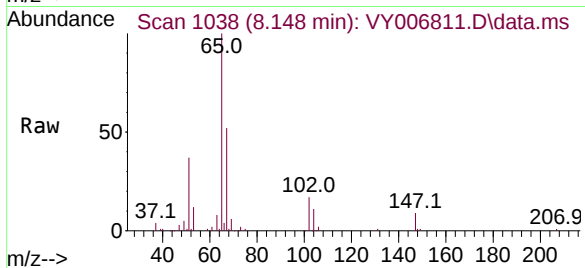
CHRT-26706

Tgt Ion: 65 Resp: 43567

Ion Ratio Lower Upper

65 100

67 50.8 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006811.D

Acq: 18 Nov 2021 16:57

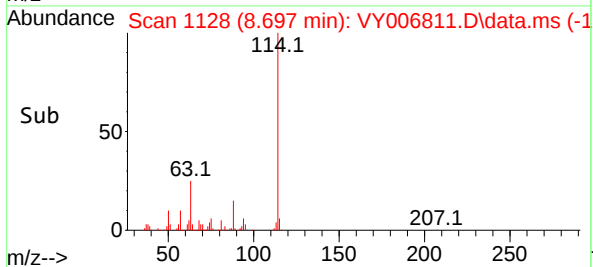
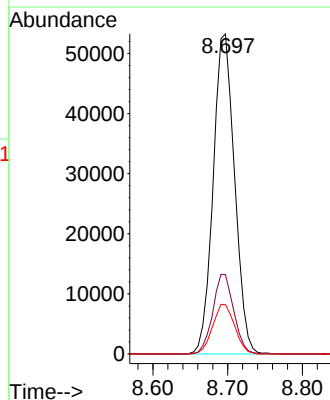
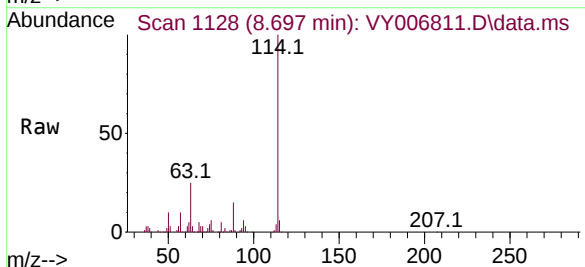
Tgt Ion: 114 Resp: 106022

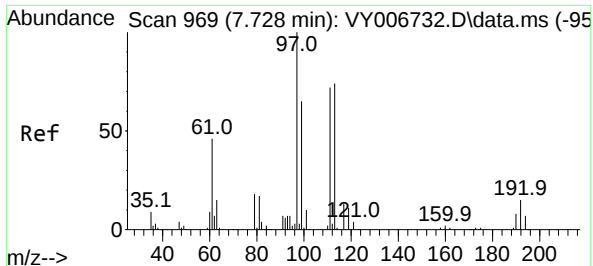
Ion Ratio Lower Upper

114 100

63 24.8 0.0 45.0

88 15.4 0.0 30.6

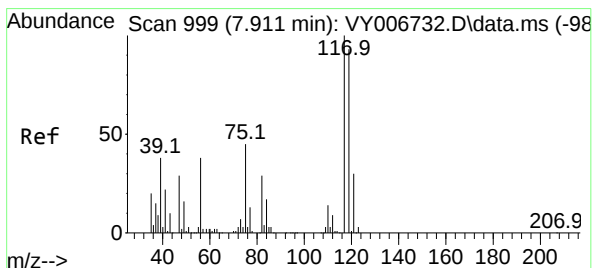
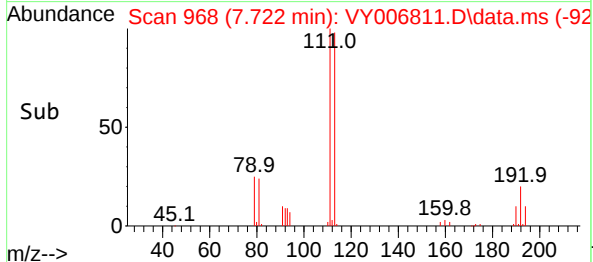
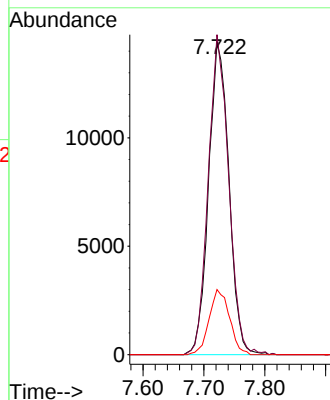
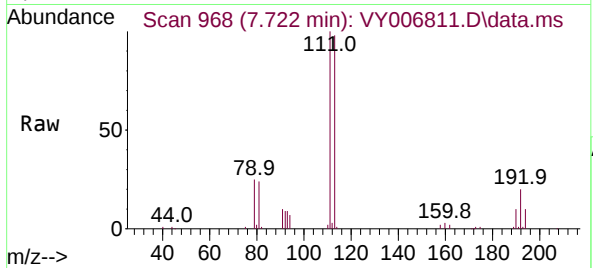




#35
Dibromofluoromethane
Concen: 51.411 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

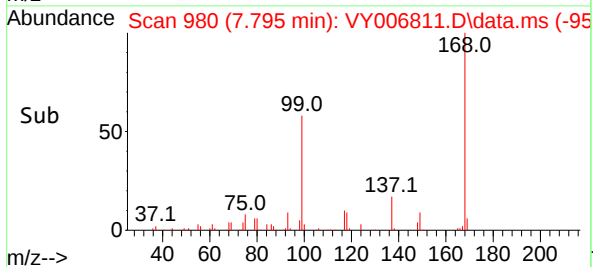
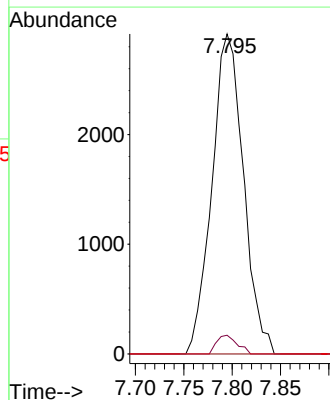
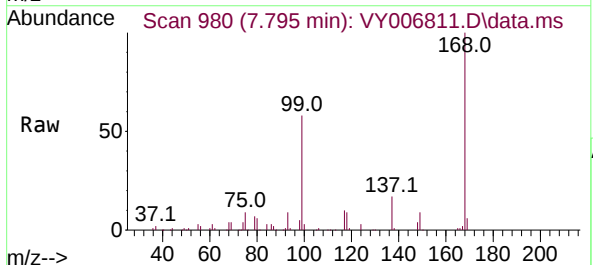
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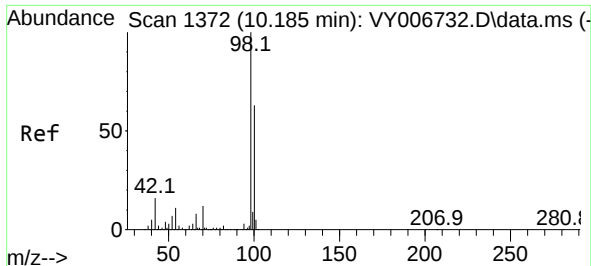
Tgt Ion:113 Resp: 33480
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 20.9 17.4 26.2



#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

Tgt Ion:117 Resp: 6613
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 24.7 37.1#

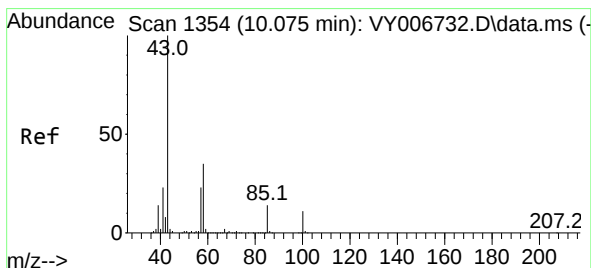
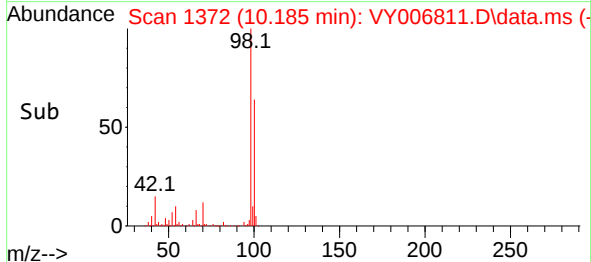
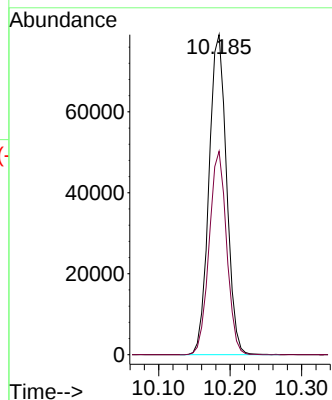
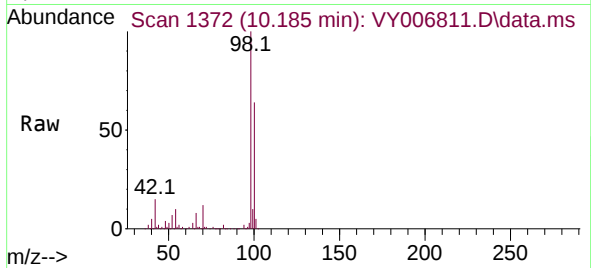




#50
Toluene-d8
Concen: 50.091 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

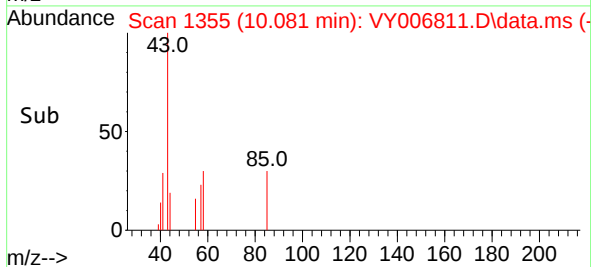
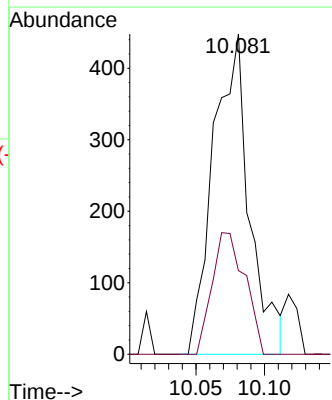
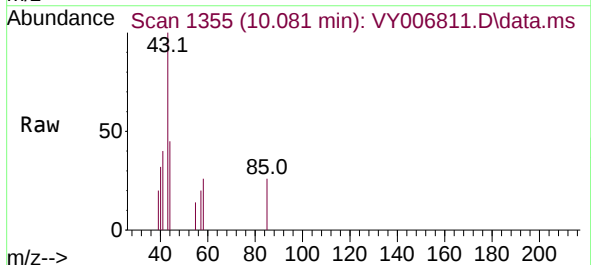
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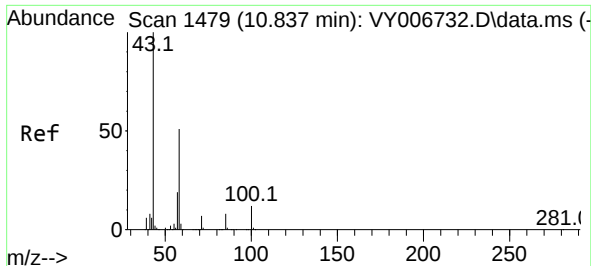
Tgt Ion: 98 Resp: 134988
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.078 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 34.6 28.7 43.1

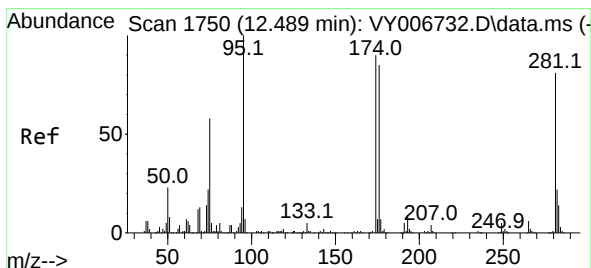
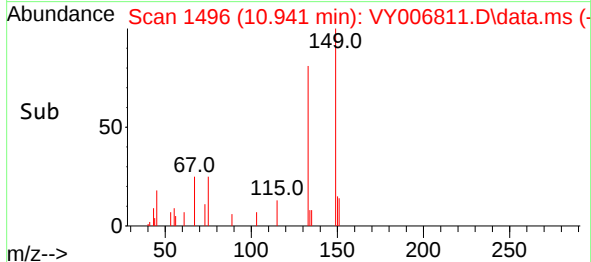
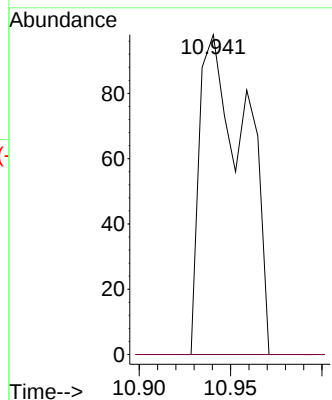
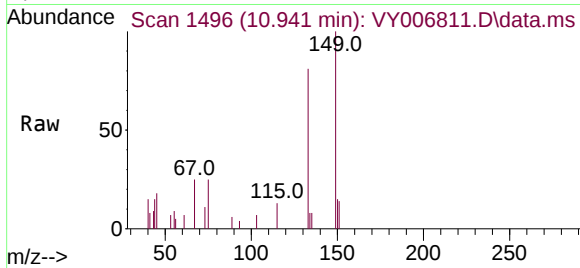




#59
2-Hexanone
Concen: 24.090 ug/l
RT: 10.941 min Scan# 1479
Delta R.T. 0.104 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

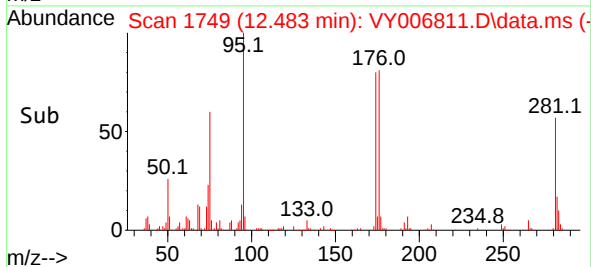
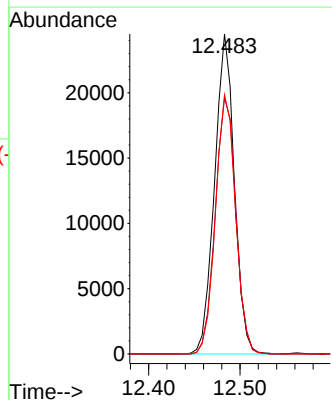
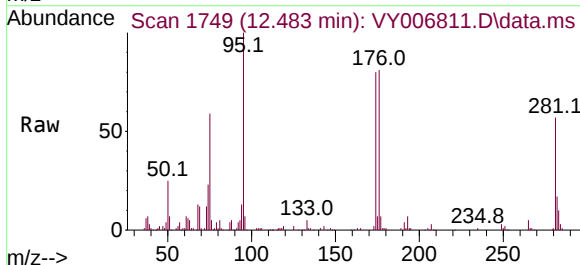
Instrument :
MSVOA_Y
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CHRT-26706

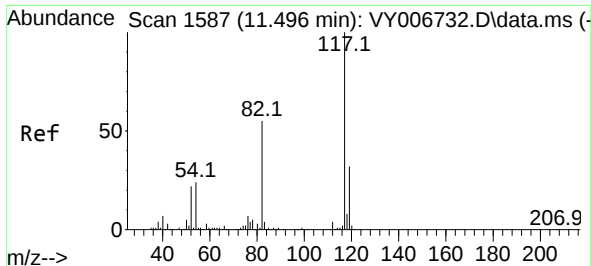
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 40.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

Tgt Ion: 95 Resp: 36766
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 82.5 0.0 169.4

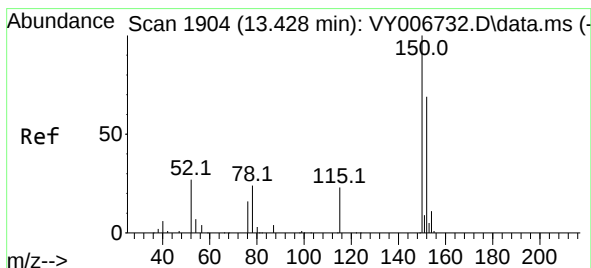
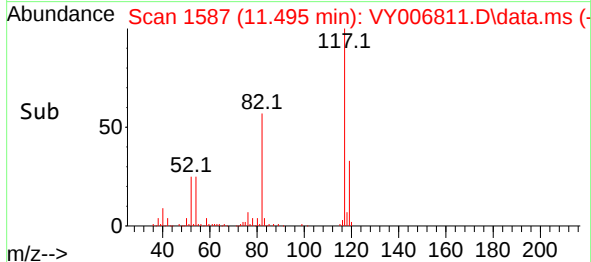
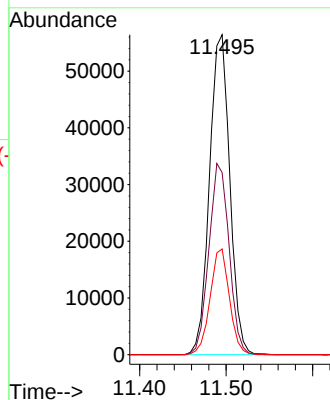
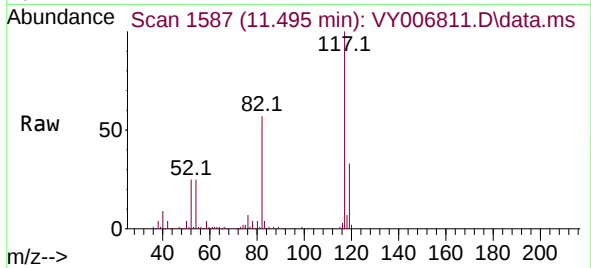




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

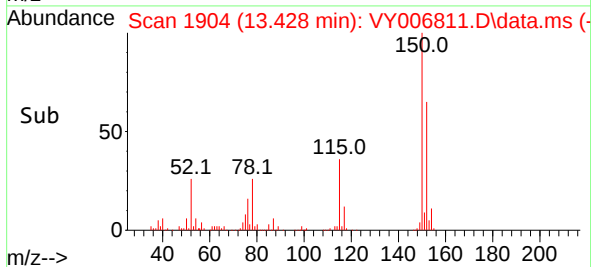
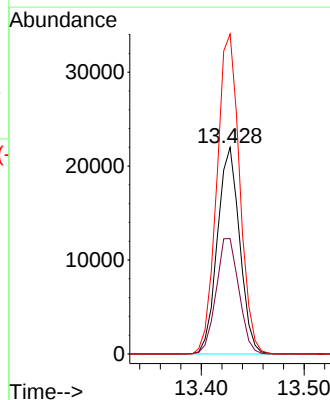
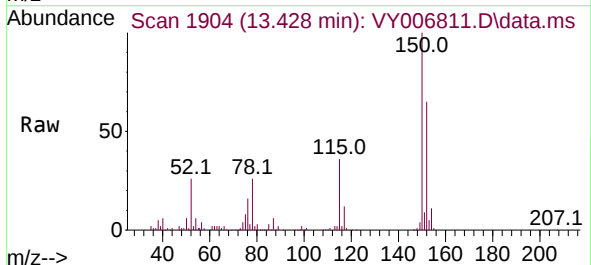
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26706

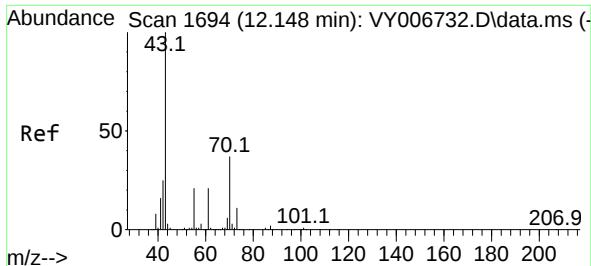
Tgt Ion:	117	Resp:	91786
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.7	68.5
119	33.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

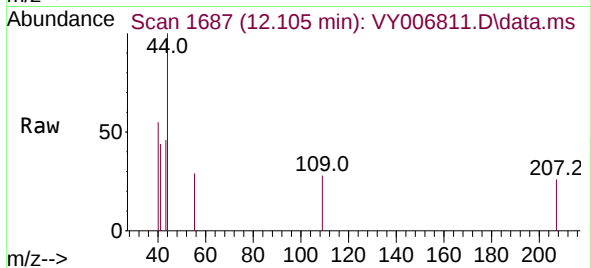
Tgt Ion:	152	Resp:	33008
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.5	85.5
150	158.5	0.0	348.2



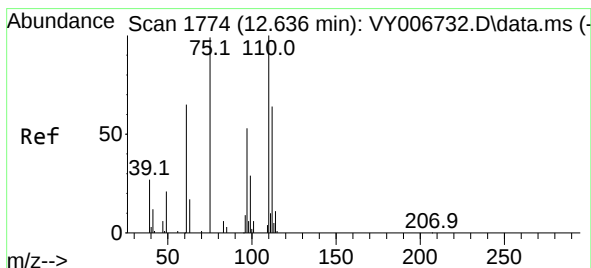
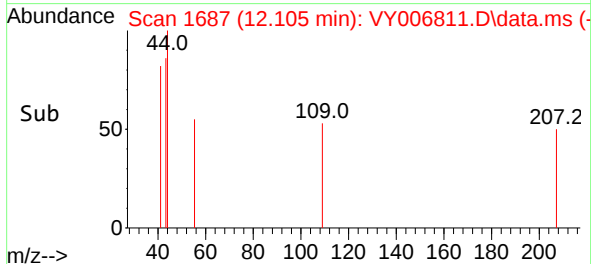
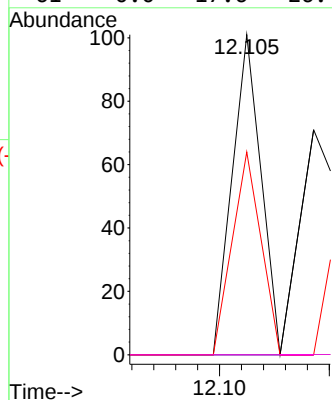


#74
N-amy1 acetate
Concen: 3.193 ug/l
RT: 12.105 min Scan# 1
Delta R.T. -0.043 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26706

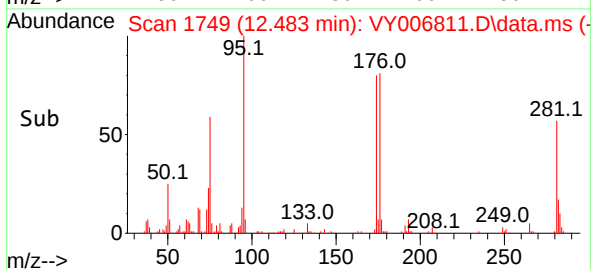
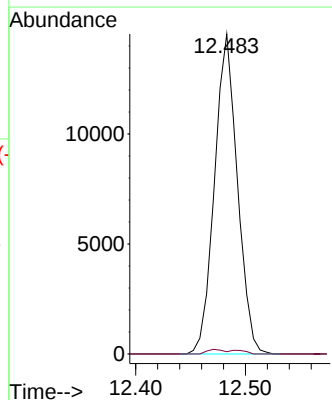
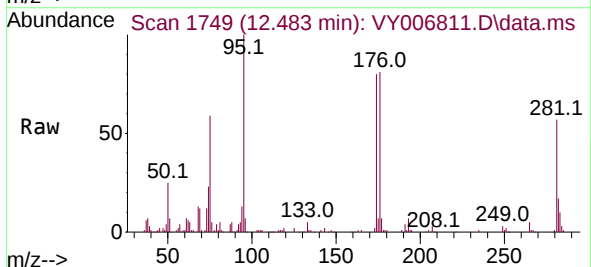


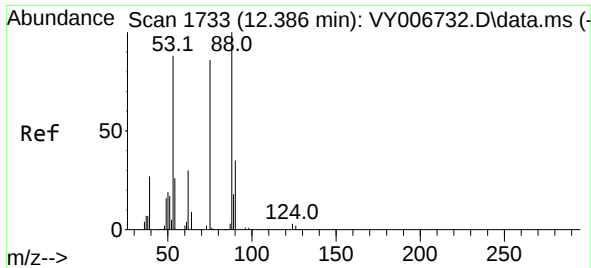
Tgt Ion: 43	Resp: 37
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.0#
55 62.2	18.1 27.1#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 58.793 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006811.D
Acq: 18 Nov 2021 16:57

Tgt Ion: 75	Resp: 21099
Ion Ratio	Lower Upper
75 100	
77 1.1	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.496 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006811.D
 Acq: 18 Nov 2021 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26706

Tgt Ion: 75 Resp: 21099
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.6 39.3 58.9#

