

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010064.D
 Acq On : 17 Aug 2022 13:30
 Operator : KP/MD
 Sample : N4143-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26414

Quant Time: Aug 17 14:57:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

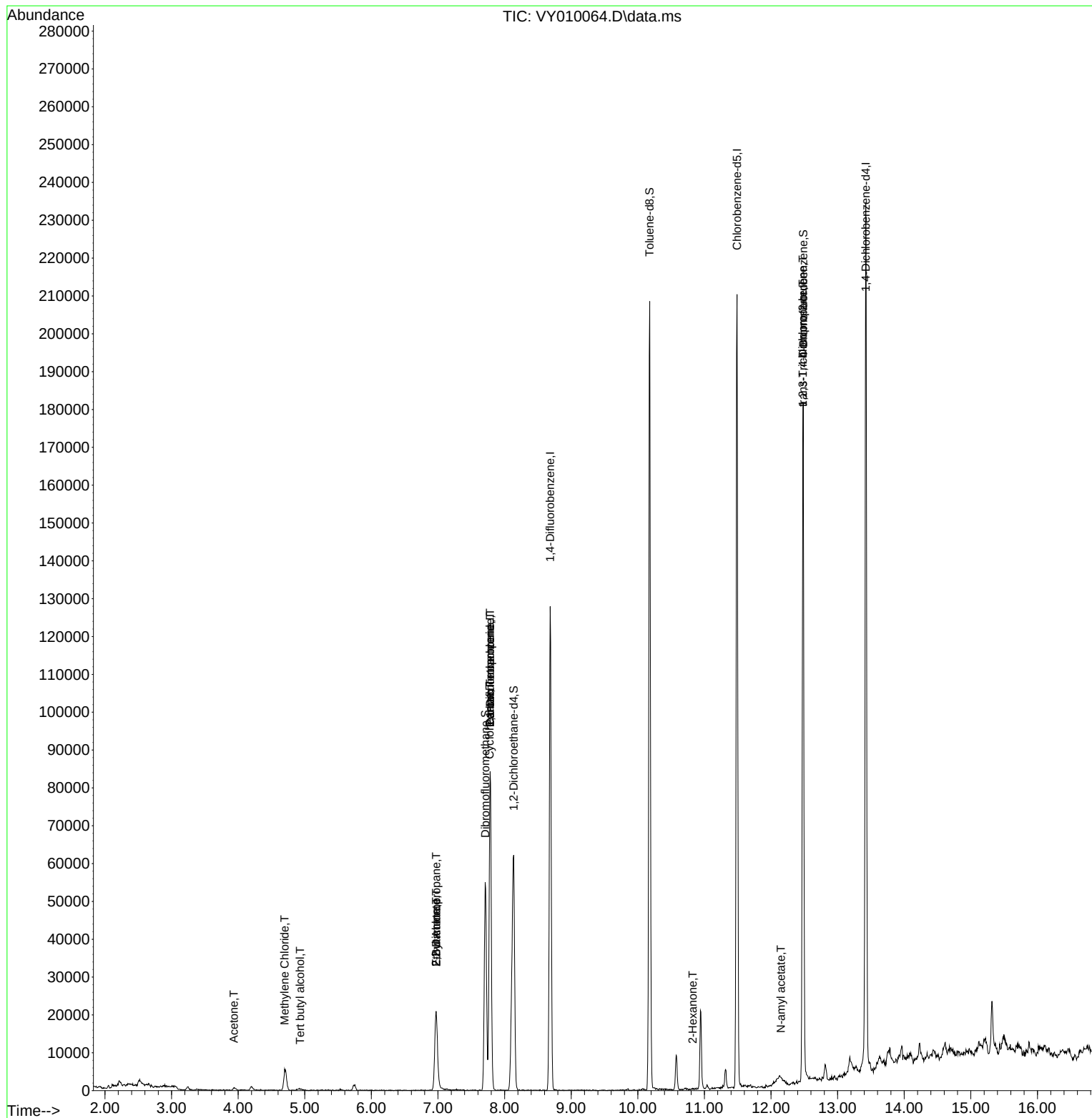
Internal Standards						
1) Pentafluorobenzene	7.783	168	69477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40979	58.990	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.980%			
35) Dibromofluoromethane	7.709	113	37784	52.866	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.740%			
50) Toluene-d8	10.178	98	136245	51.525	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.483	95	51307	55.243	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.480%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.929	59	513	7.594	ug/l #	74
16) Acetone	3.936	43	1277	8.582	ug/l	100
20) Methylene Chloride	4.698	84	4138	2.832	ug/l #	88
25) 2-Butanone	6.972	43	1110	5.453	ug/l #	48
26) 2,2-Dichloropropane	6.972	77	1492	1.357	ug/l #	53
31) Cyclohexane	7.776	56	1224	1.247	ug/l #	43
36) 1,1-Dichloropropene	7.783	75	4519	4.539	ug/l #	51
37) Ethyl Acetate	6.972	43	1110	2.214	ug/l #	1
38) Carbon Tetrachloride	7.783	117	6215	5.076	ug/l #	17
59) 2-Hexanone	10.825	43	25	24.213	ug/l #	26
74) N-amyl acetate	12.148	43	103	4.770	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	25924	45.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25924	102.405	ug/l #	12

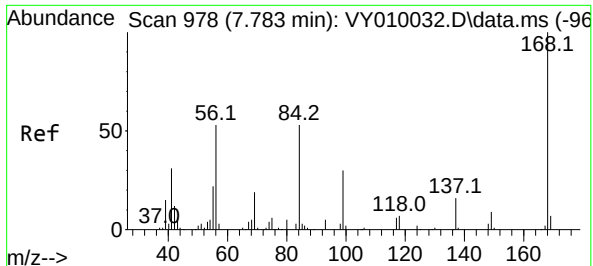
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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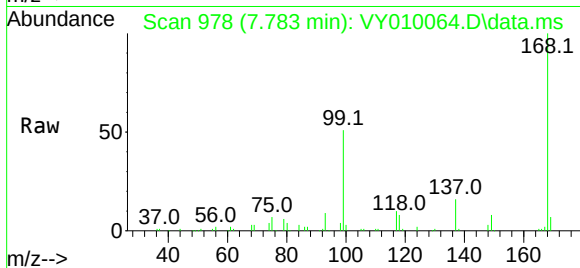
Quant Time: Aug 17 14:57:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
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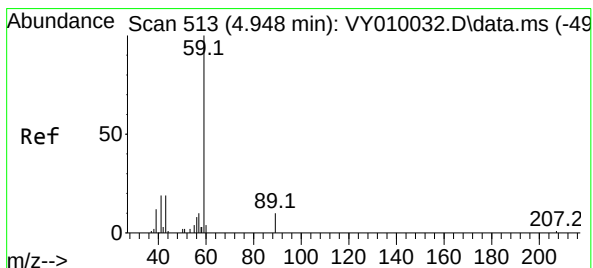
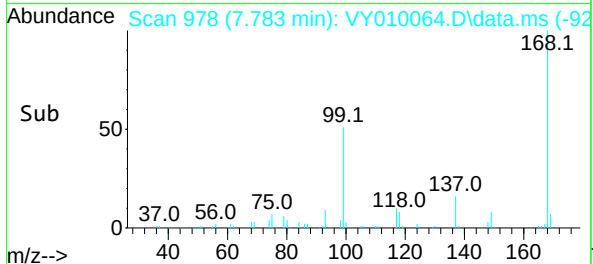
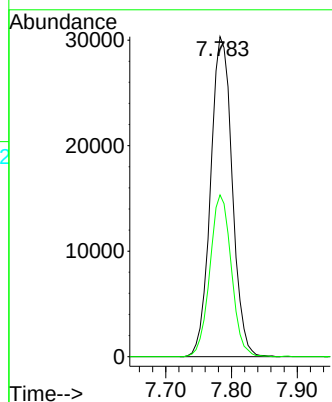


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

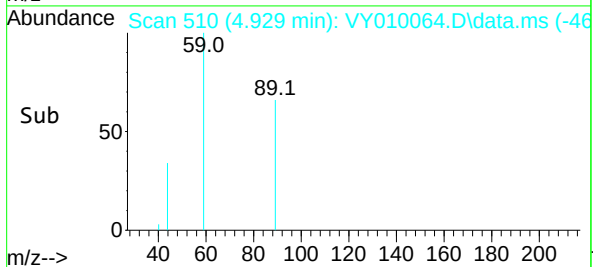
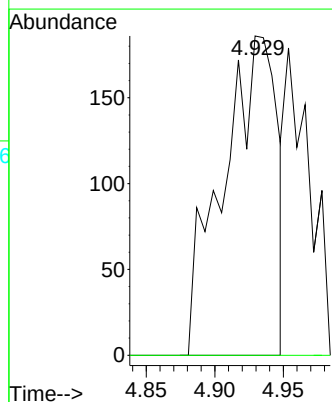
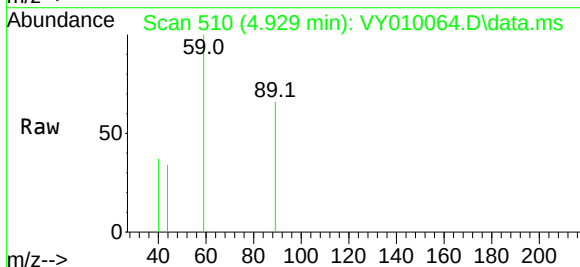


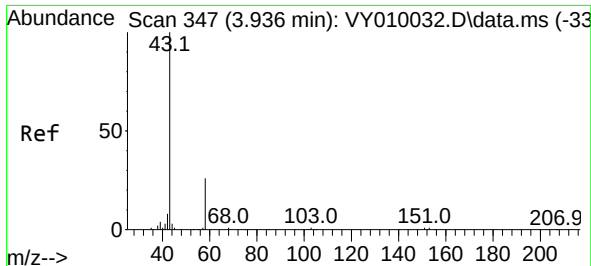
Tgt Ion:168 Resp: 69477
Ion Ratio Lower Upper
168 100
99 50.5 37.7 56.5



#11
Tert butyl alcohol
Concen: 7.594 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Tgt Ion: 59 Resp: 513
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 8.582 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY010064.D

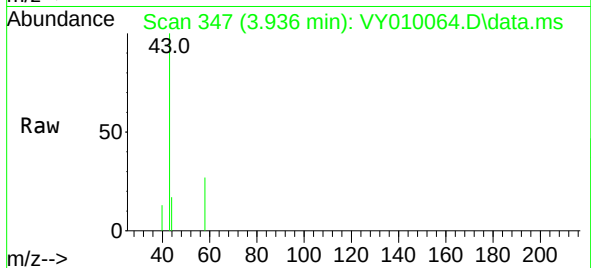
Acq: 17 Aug 2022 13:30

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26414

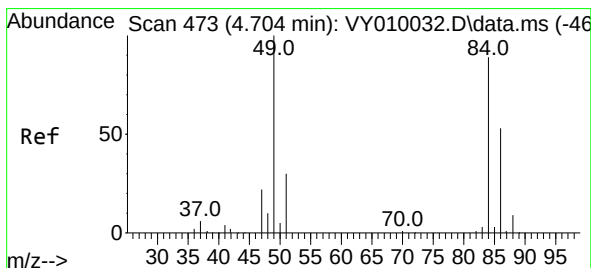
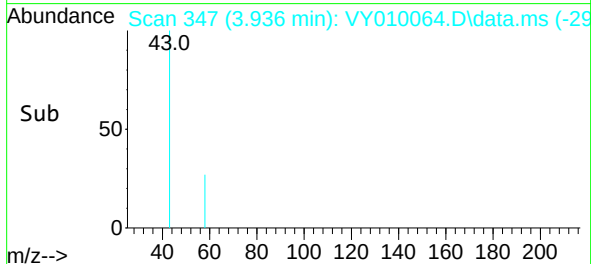
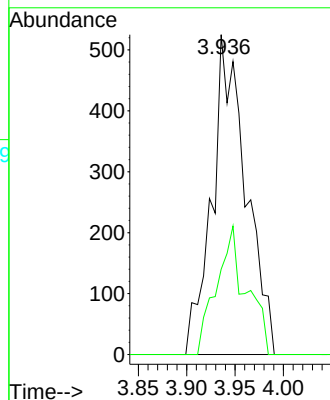


Tgt Ion: 43 Resp: 1277

Ion Ratio Lower Upper

43 100

58 26.7 21.4 32.0



#20

Methylene Chloride

Concen: 2.832 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY010064.D

Acq: 17 Aug 2022 13:30

Tgt Ion: 84 Resp: 4138

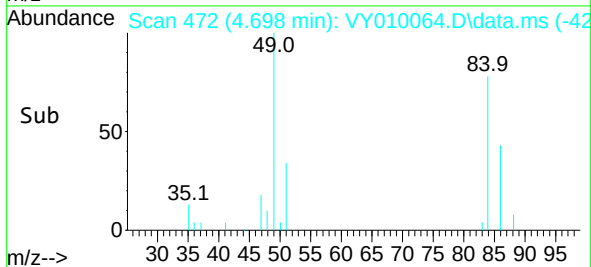
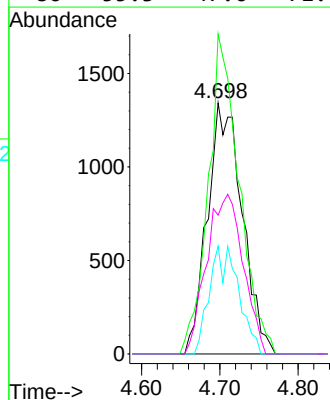
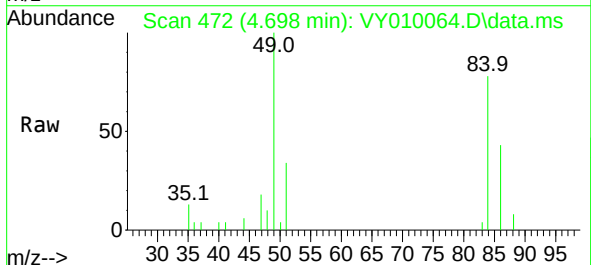
Ion Ratio Lower Upper

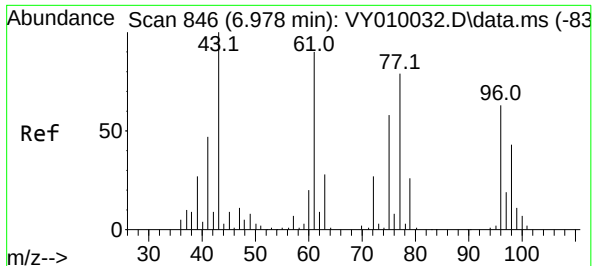
84 100

49 127.5 89.5 134.3

51 43.0 26.8 40.2#

86 55.3 47.6 71.4





#25

2-Butanone

Concen: 5.453 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010064.D

Acq: 17 Aug 2022 13:30

Instrument :

MSVOA_Y

ClientSampleId :

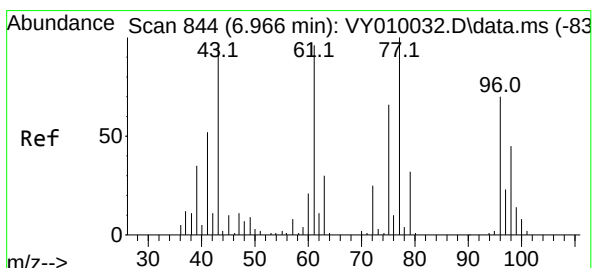
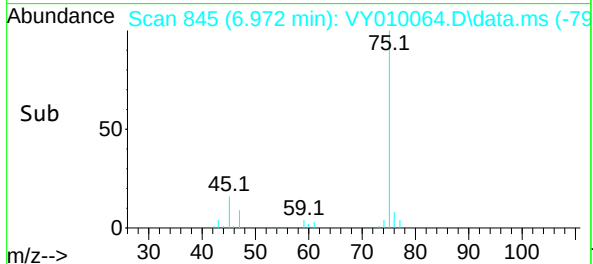
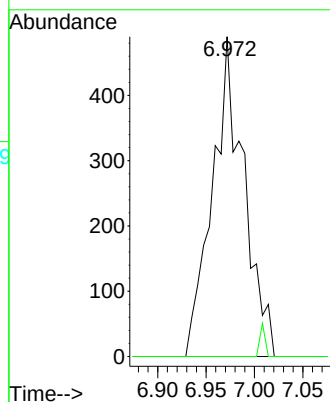
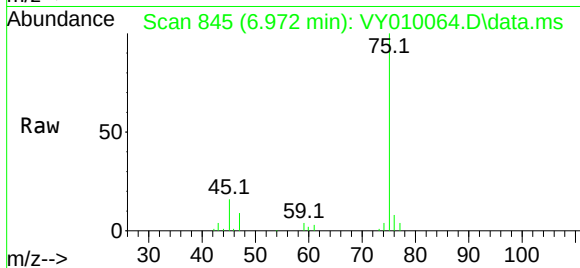
CHRT-26414

Tgt Ion: 43 Resp: 1110

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 1.357 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010064.D

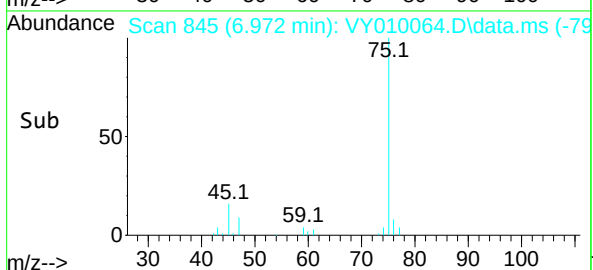
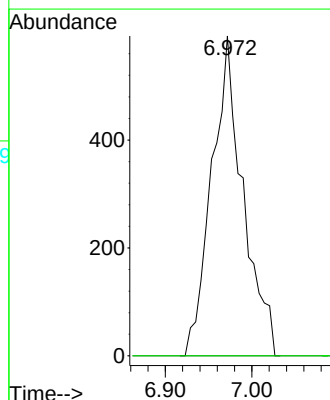
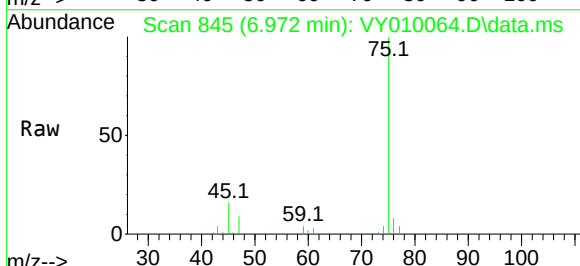
Acq: 17 Aug 2022 13:30

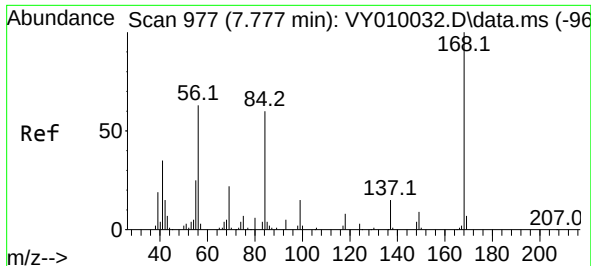
Tgt Ion: 77 Resp: 1492

Ion Ratio Lower Upper

77 100

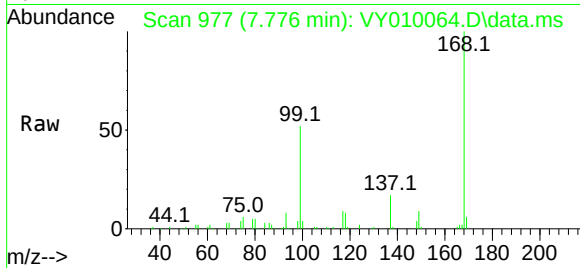
97 0.0 11.2 33.6#



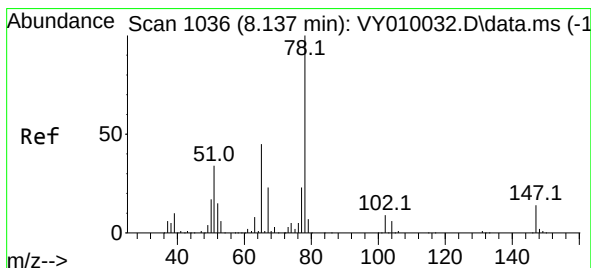
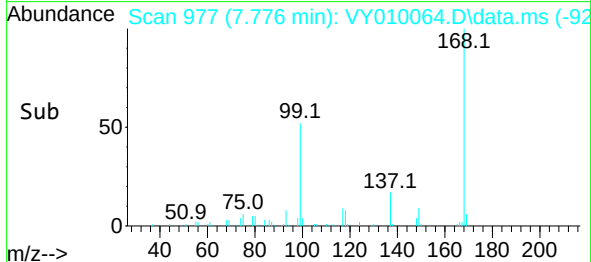
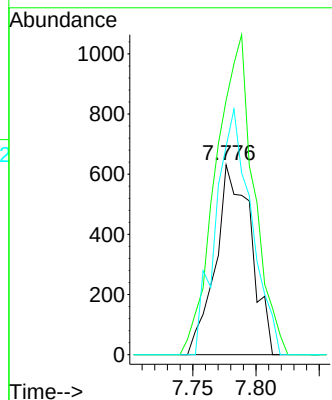


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

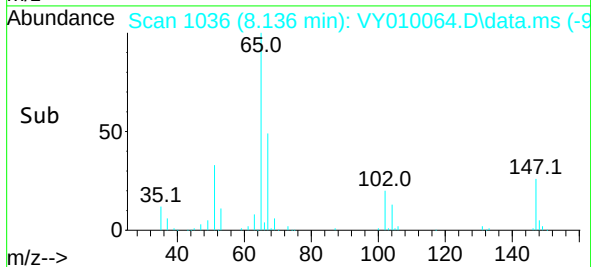
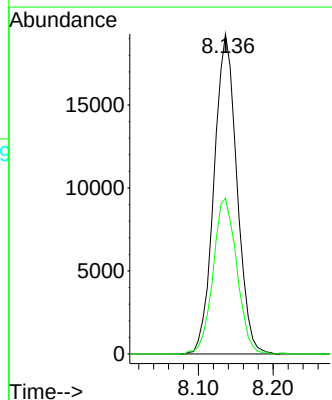
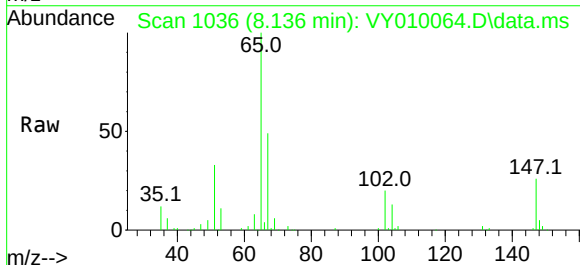


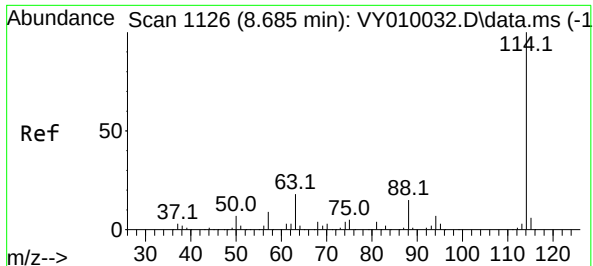
Tgt Ion: 56 Resp: 1224
Ion Ratio Lower Upper
56 100
69 134.1 28.6 43.0#
84 109.7 76.0 114.0



#33
1,2-Dichloroethane-d4
Concen: 58.990 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Tgt Ion: 65 Resp: 40979
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

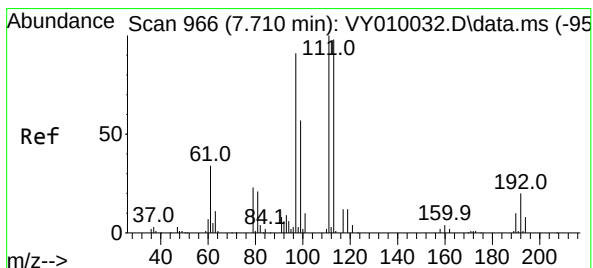
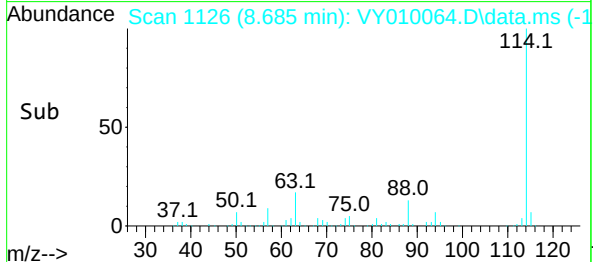
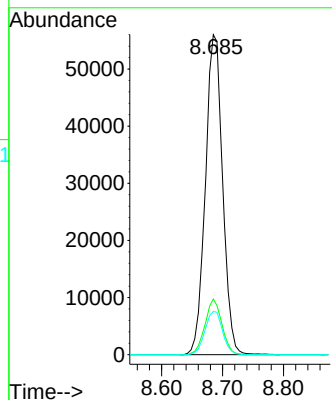
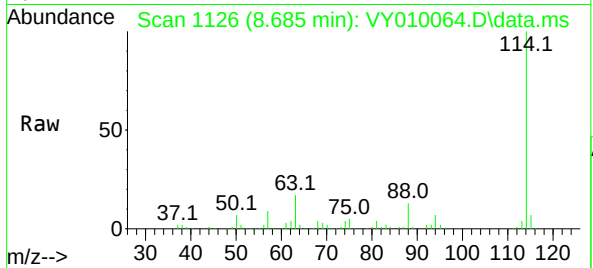




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

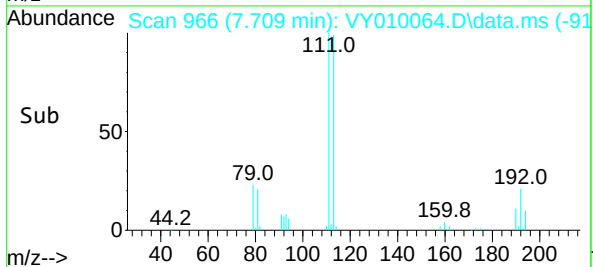
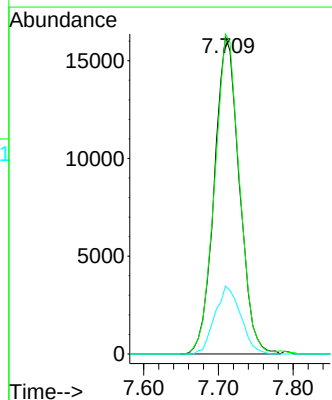
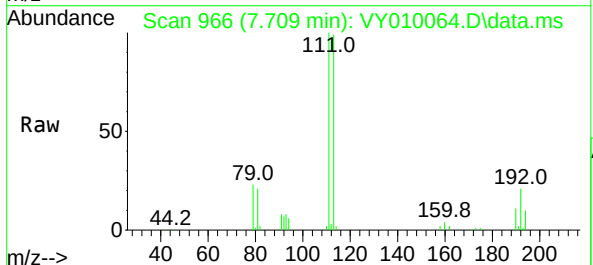
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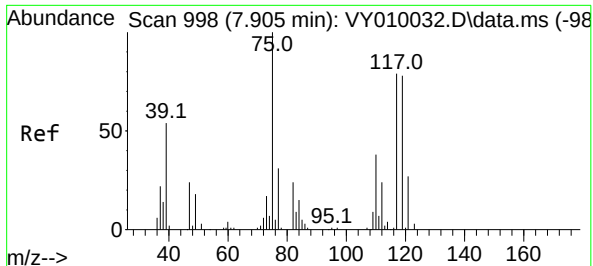
Tgt Ion:114 Resp: 110210
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.2
88 13.5 0.0 30.2



#35
Dibromofluoromethane
Concen: 52.866 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Tgt Ion:113 Resp: 37784
Ion Ratio Lower Upper
113 100
111 100.1 82.7 124.1
192 22.0 17.2 25.8

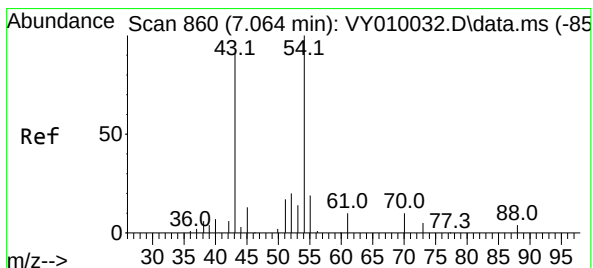
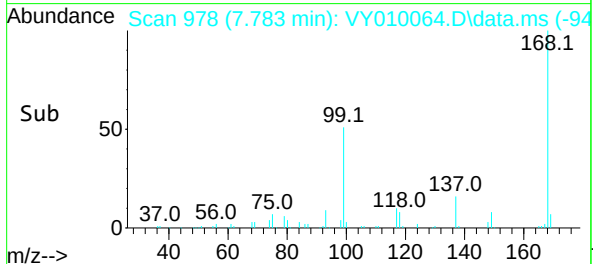
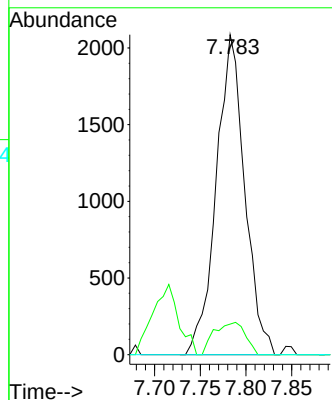
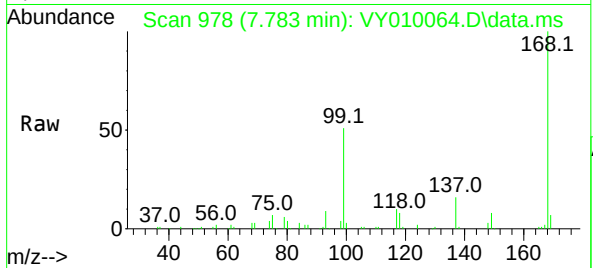




#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

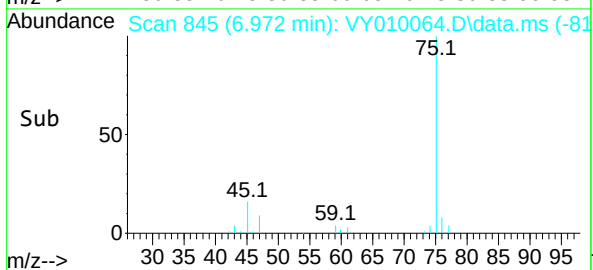
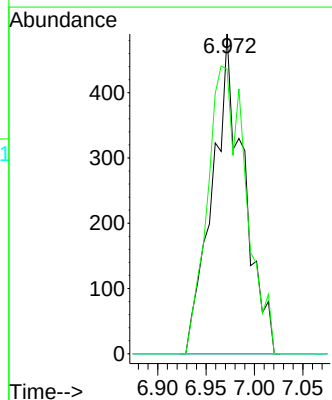
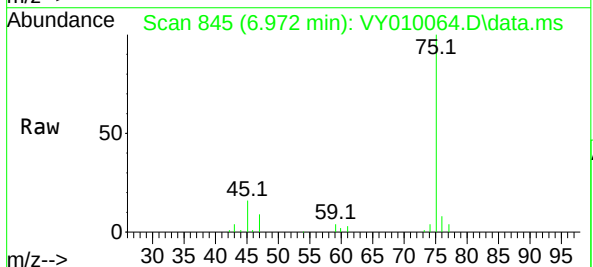
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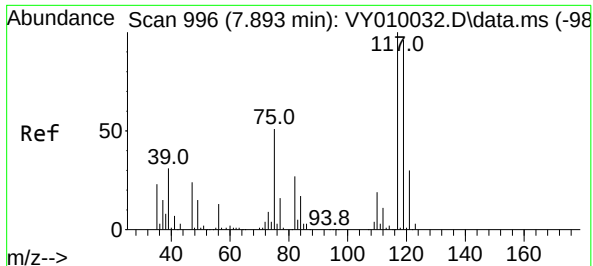
Tgt Ion: 75 Resp: 4519
Ion Ratio Lower Upper
75 100
110 11.0 18.4 55.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 2.214 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.092 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

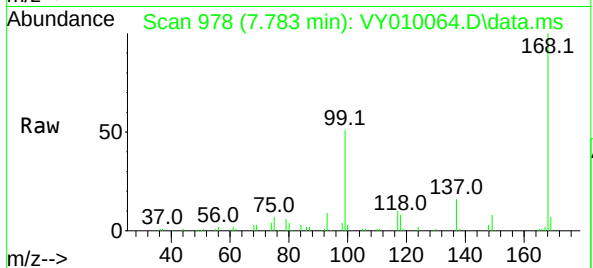
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
61 109.4 9.6 14.4#
70 0.0 7.9 11.9#



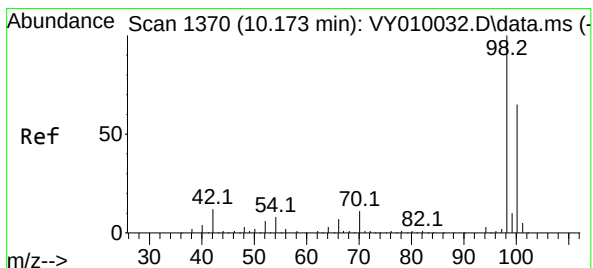
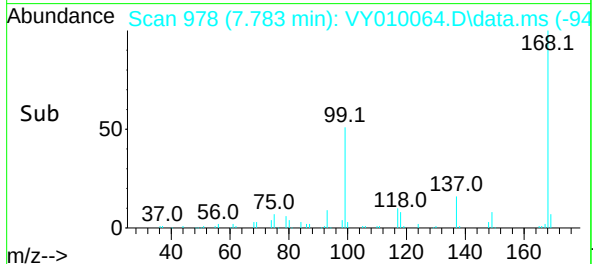
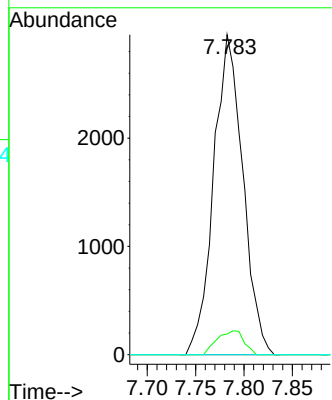


#38
Carbon Tetrachloride
Concen: 5.076 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

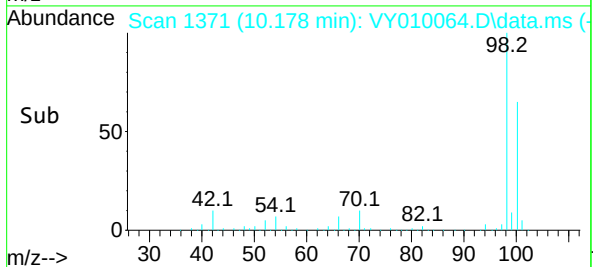
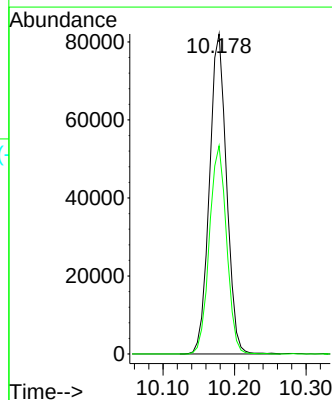
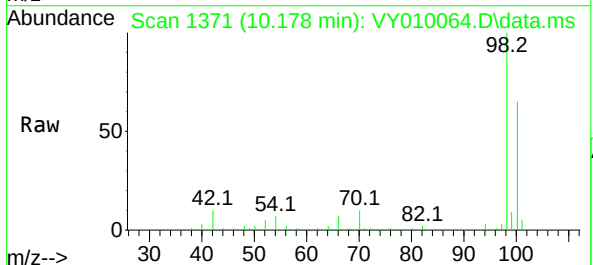


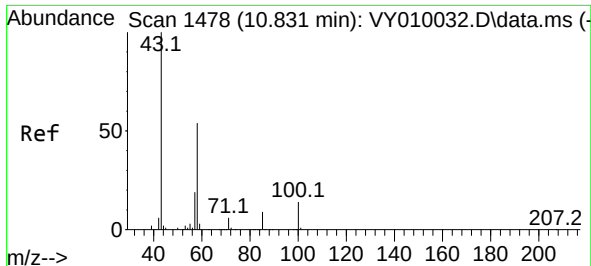
Tgt Ion:117 Resp: 6215
Ion Ratio Lower Upper
117 100
119 6.5 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.525 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Tgt Ion: 98 Resp: 136245
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

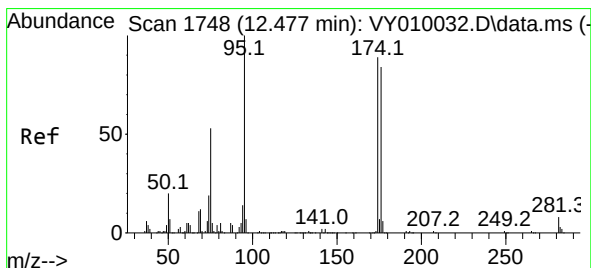
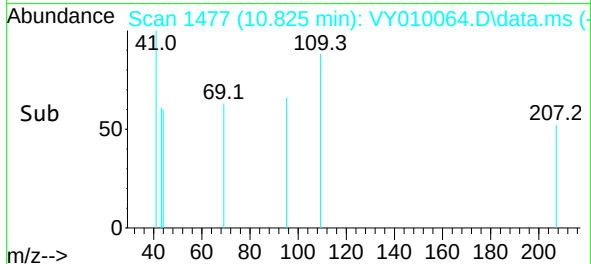
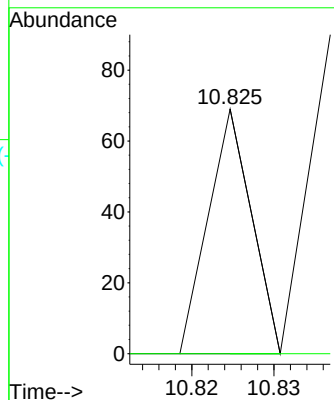
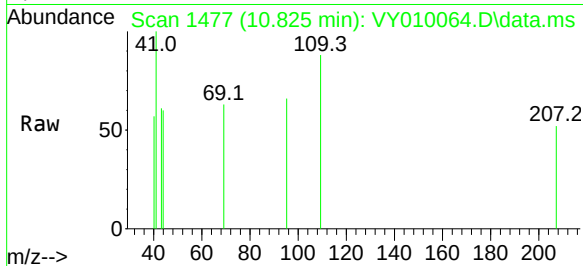




#59
2-Hexanone
Concen: 24.213 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

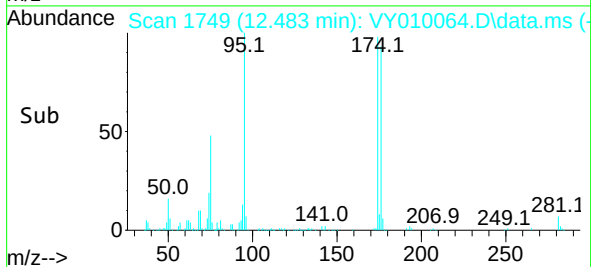
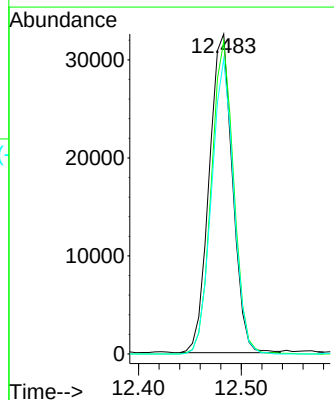
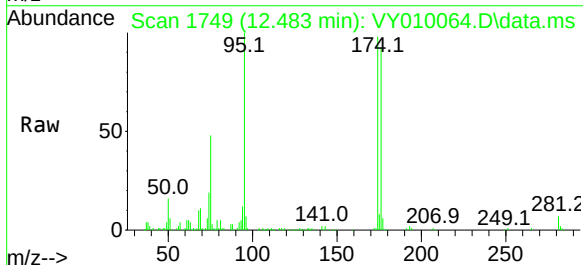
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

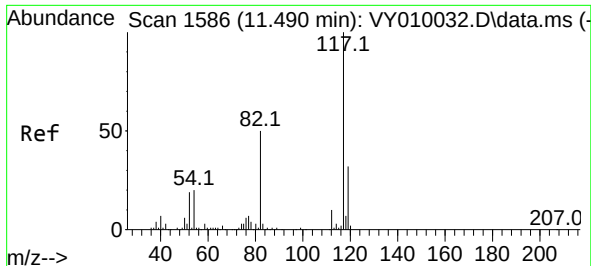
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 55.243 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

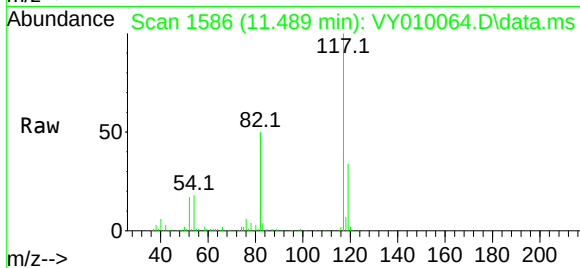
Tgt Ion: 95 Resp: 51307
Ion Ratio Lower Upper
95 100
174 94.2 0.0 184.2
176 88.3 0.0 178.4



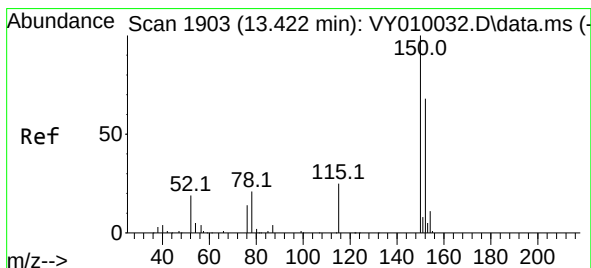
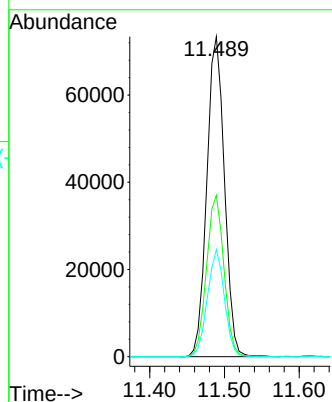
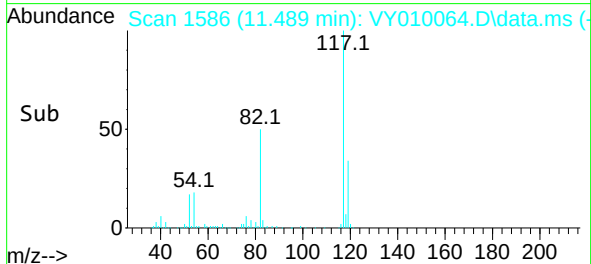


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

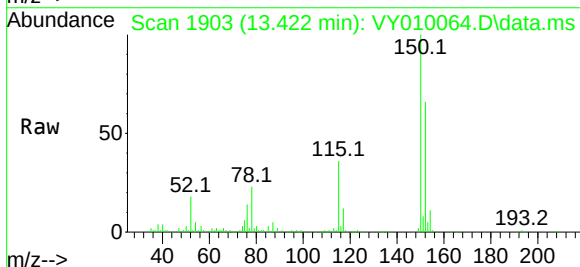
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414



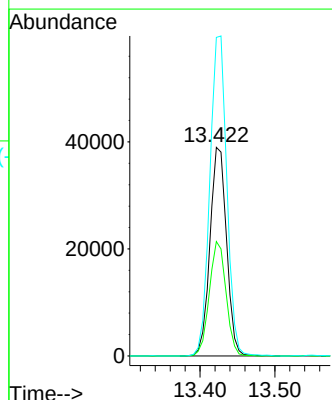
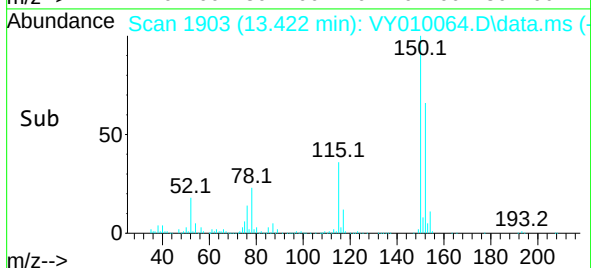
Tgt Ion:117 Resp: 119946
Ion Ratio Lower Upper
117 100
82 50.5 39.8 59.6
119 33.5 25.6 38.4

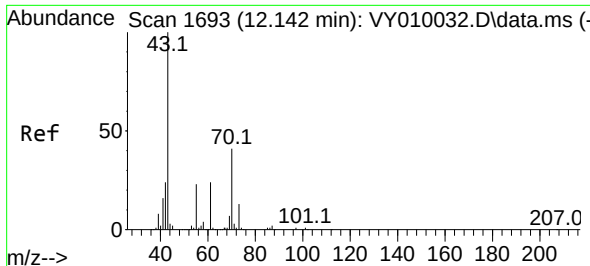


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30



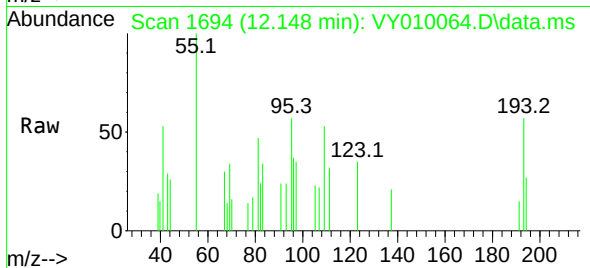
Tgt Ion:152 Resp: 60354
Ion Ratio Lower Upper
152 100
115 55.1 28.1 84.3
150 156.5 0.0 346.6



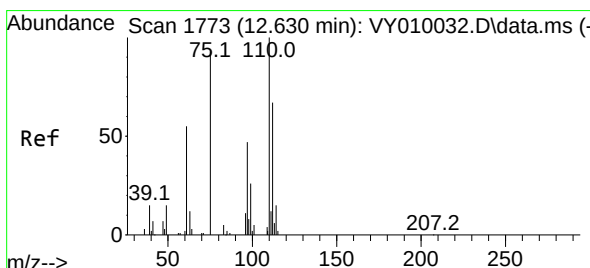
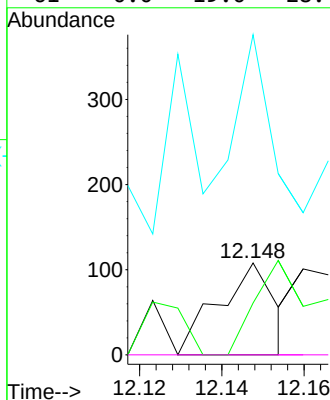
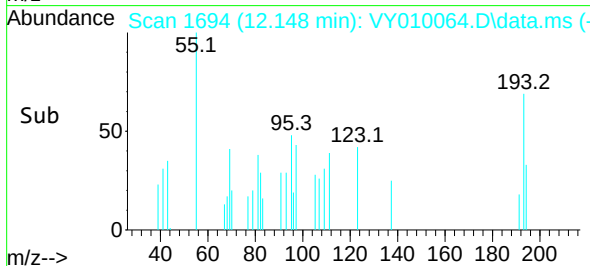


#74
N-amy1 acetate
Concen: 4.770 ug/l
RT: 12.148 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26414

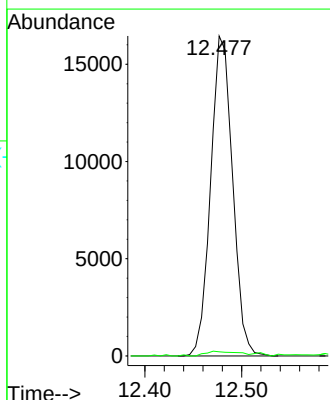
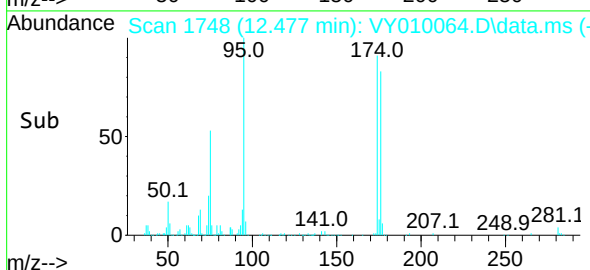
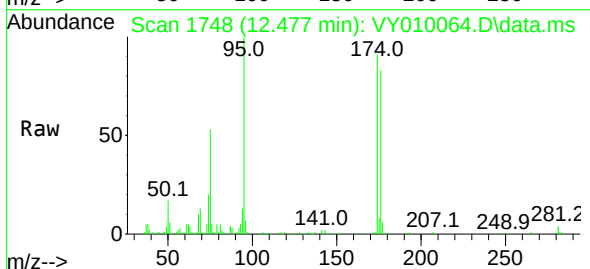


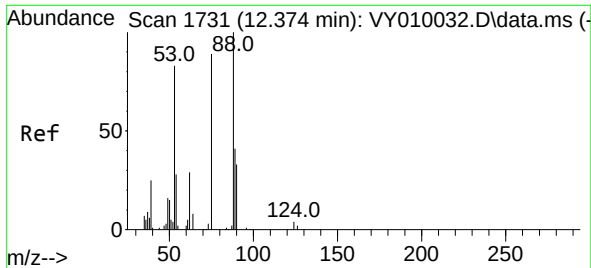
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
70 104.9 32.3 48.5#
55 0.0 19.3 28.9#
61 0.0 19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 45.314 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010064.D
Acq: 17 Aug 2022 13:30

Tgt Ion: 75 Resp: 25924
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.405 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010064.D
 Acq: 17 Aug 2022 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26414

Tgt Ion: 75 Resp: 25924
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.1 37.8 56.6#

