

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009855.D
 Acq On : 05 Aug 2022 17:00
 Operator : KP/MD
 Sample : N4054-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-080422

Quant Time: Aug 06 01:19:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

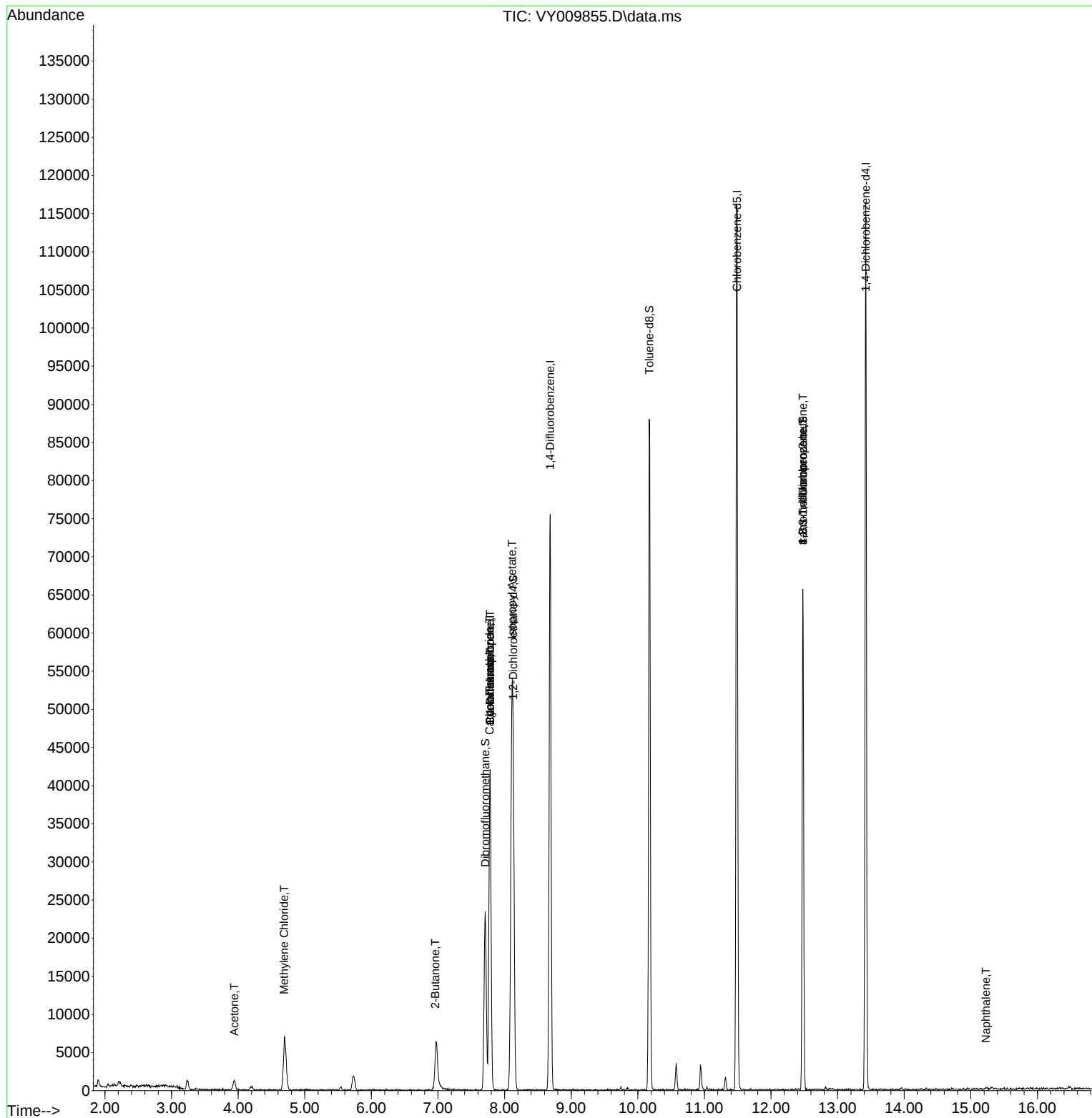
Internal Standards						
1) Pentafluorobenzene	7.783	168	32151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	63810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	62581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	18509	72.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.600%
35) Dibromofluoromethane	7.710	113	16083	41.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.680%
50) Toluene-d8	10.173	98	55595	48.461	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.477	95	18468	35.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	872	Below Cal		93
5) Bromomethane	2.674	94	26	Below Cal	#	2
16) Acetone	3.942	43	2364	25.975	ug/l	99
20) Methylene Chloride	4.692	84	4875	4.362	ug/l	94
25) 2-Butanone	6.960	43	217	1.458	ug/l #	53
31) Cyclohexane	7.783	56	796	1.308	ug/l #	26
36) 1,1-Dichloropropene	7.783	75	2604	4.034	ug/l #	45
38) Carbon Tetrachloride	7.777	117	3128	4.608	ug/l #	16
43) Isopropyl Acetate	8.112	43	1201	1.640	ug/l #	7
76) 1,2,3-Trichloropropane	12.477	75	10057	30.756	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10057	66.009	ug/l #	12
95) Naphthalene	15.227	128	342	5.689	ug/l #	69

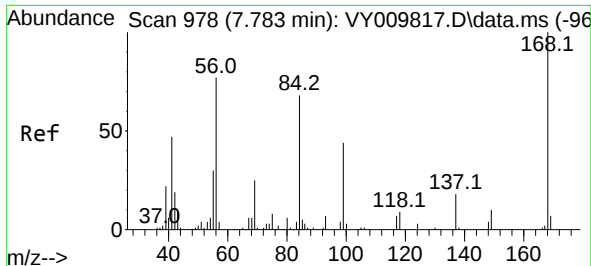
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
Data File : VY009855.D
Acq On : 05 Aug 2022 17:00
Operator : KP/MD
Sample : N4054-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080422

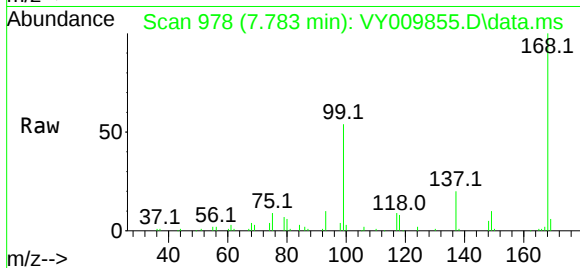
Quant Time: Aug 06 01:19:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 02:27:45 2022
Response via : Initial Calibration



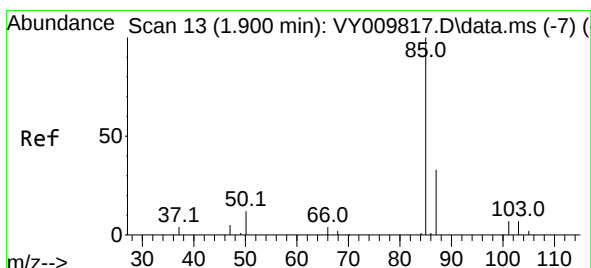
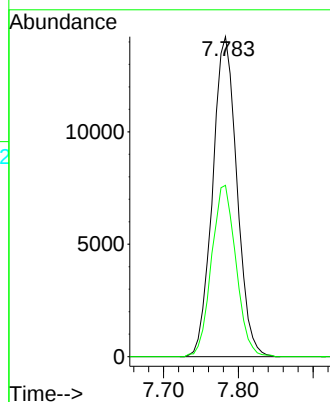
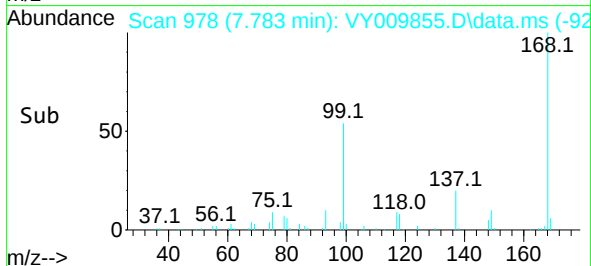


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080422

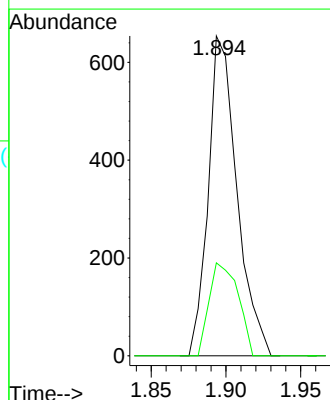
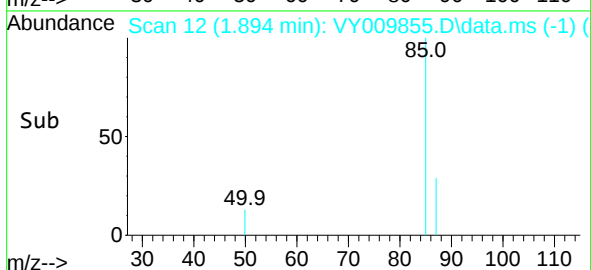
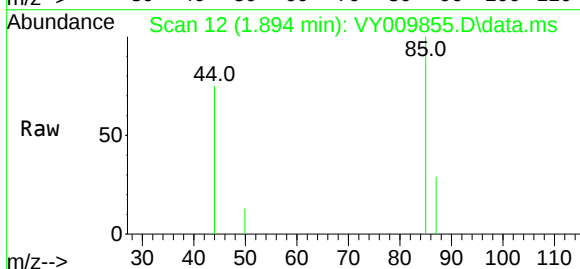


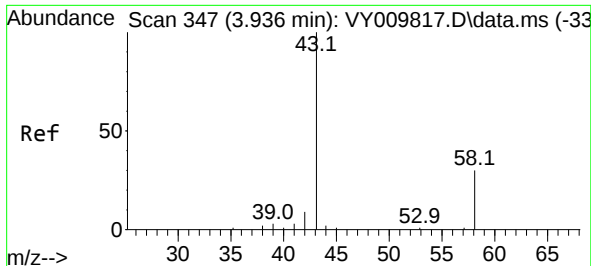
Tgt Ion:168 Resp: 32151
Ion Ratio Lower Upper
168 100
99 53.6 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

Tgt Ion: 85 Resp: 872
Ion Ratio Lower Upper
85 100
87 29.1 16.4 49.2





#16

Acetone

Concen: 25.975 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009855.D

Acq: 05 Aug 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

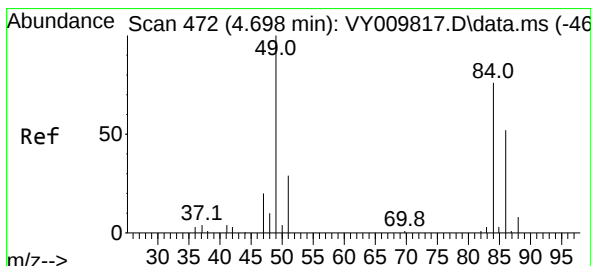
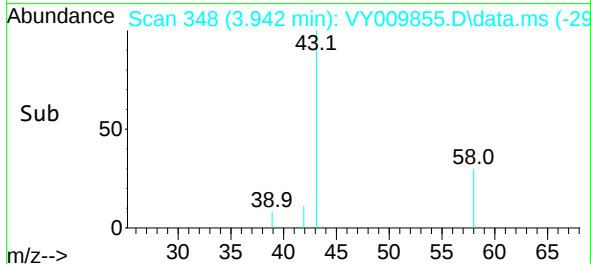
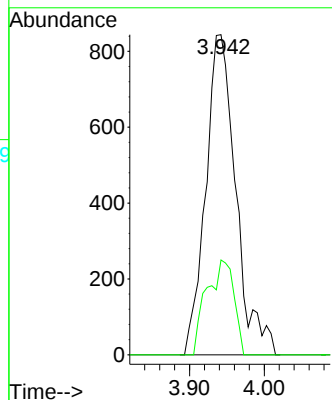
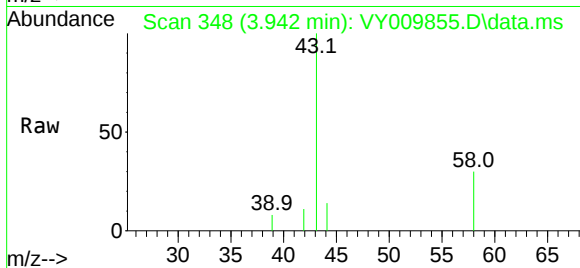
OR-02-080422

Tgt Ion: 43 Resp: 2364

Ion Ratio Lower Upper

43 100

58 29.6 24.1 36.1



#20

Methylene Chloride

Concen: 4.362 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY009855.D

Acq: 05 Aug 2022 17:00

Tgt Ion: 84 Resp: 4875

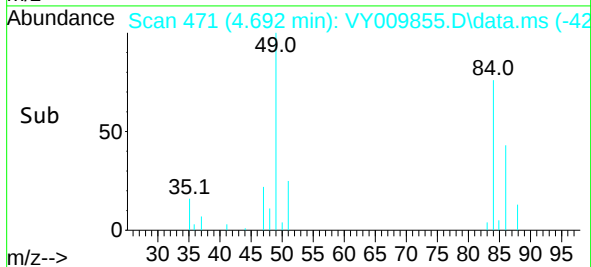
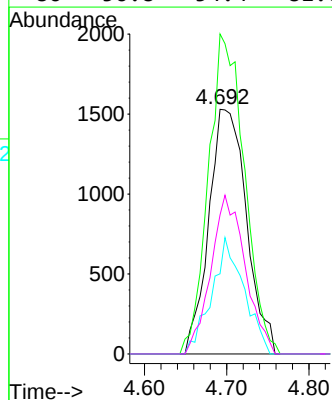
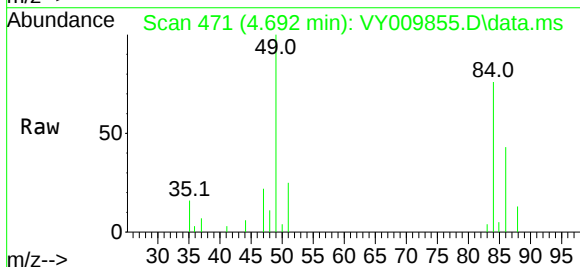
Ion Ratio Lower Upper

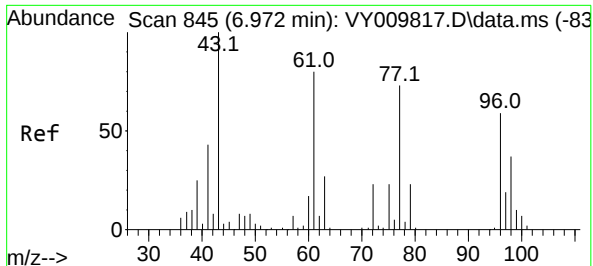
84 100

49 130.8 104.6 156.8

51 32.7 30.9 46.3

86 56.8 54.4 81.6





#25

2-Butanone

Concen: 1.458 ug/l

RT: 6.960 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY009855.D

Acq: 05 Aug 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

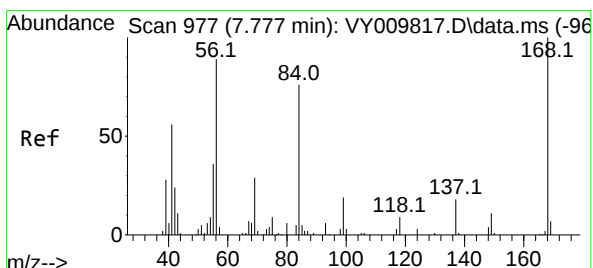
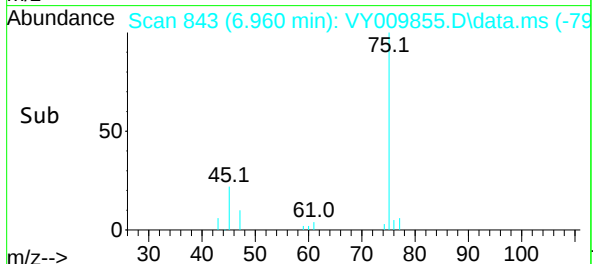
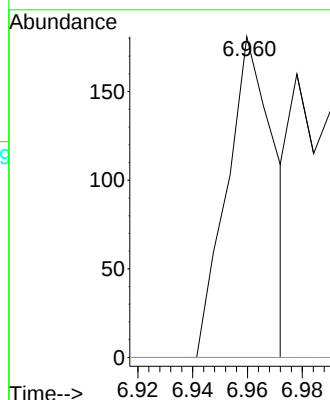
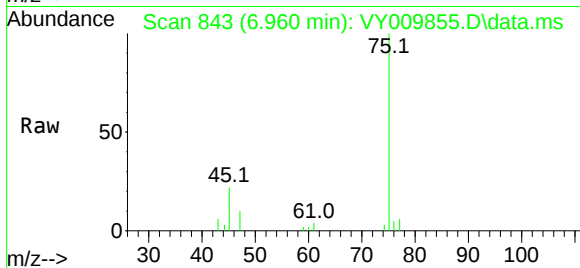
OR-02-080422

Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.4#



#31

Cyclohexane

Concen: 1.308 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY009855.D

Acq: 05 Aug 2022 17:00

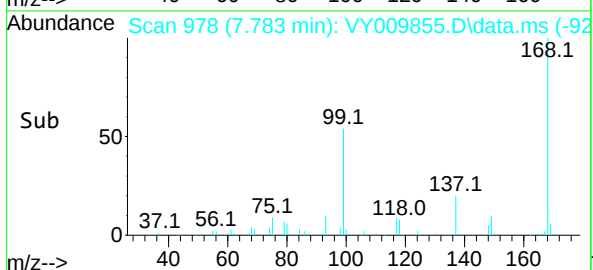
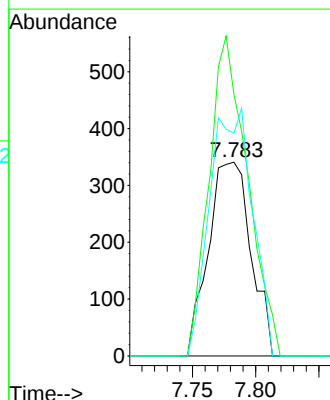
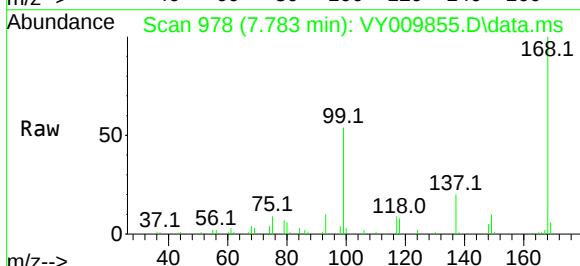
Tgt Ion: 56 Resp: 796

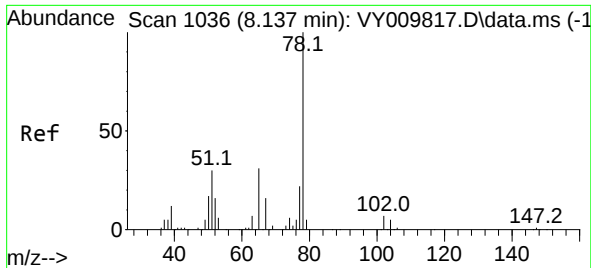
Ion Ratio Lower Upper

56 100

69 134.9 25.8 38.8#

84 115.0 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 72.798 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY009855.D

Acq: 05 Aug 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

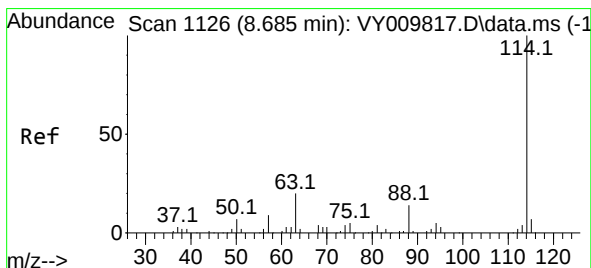
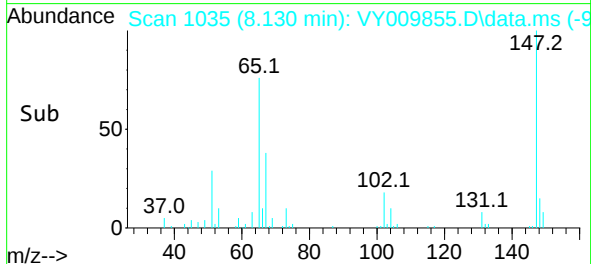
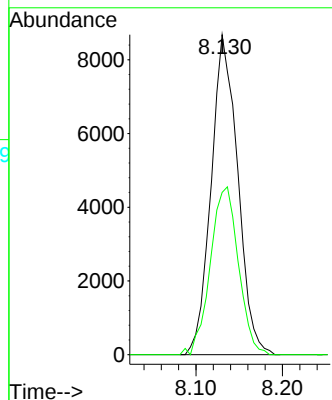
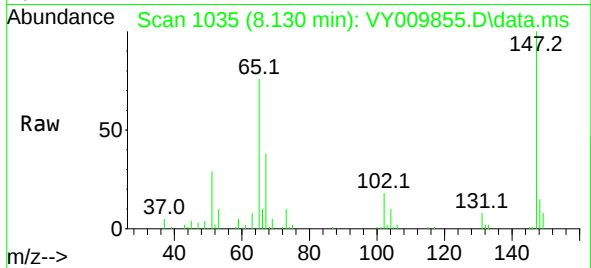
OR-02-080422

Tgt Ion: 65 Resp: 18509

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009855.D

Acq: 05 Aug 2022 17:00

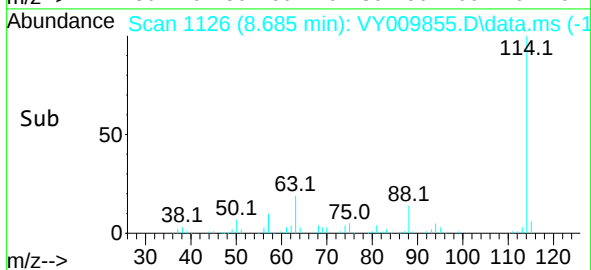
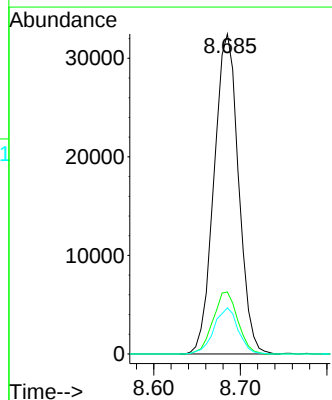
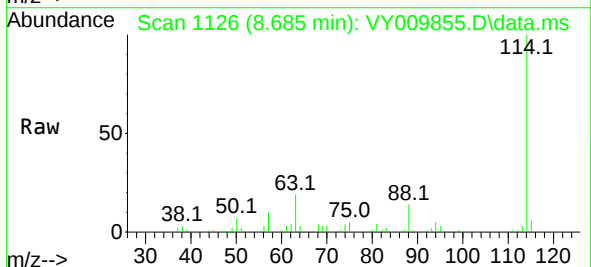
Tgt Ion: 114 Resp: 63810

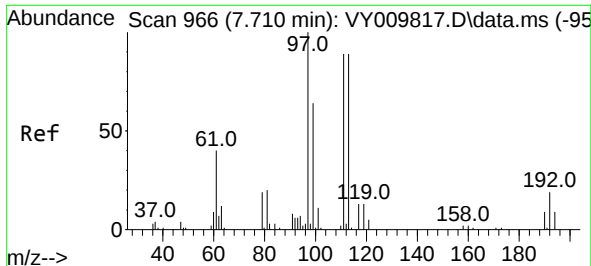
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

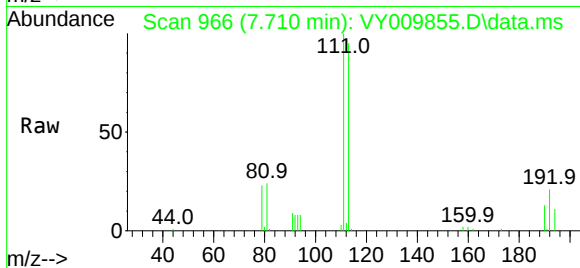
88 14.4 0.0 27.6



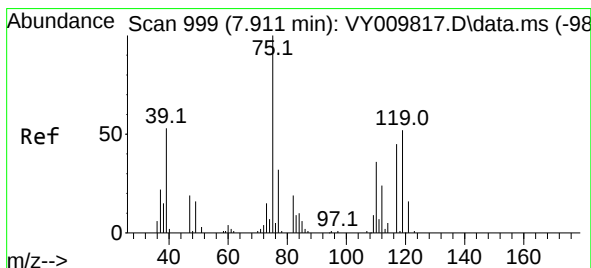
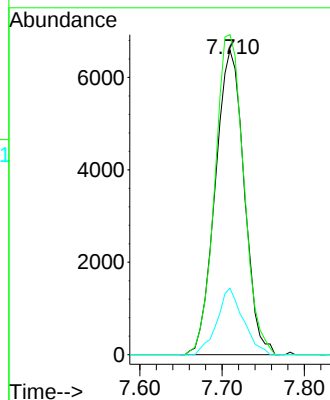
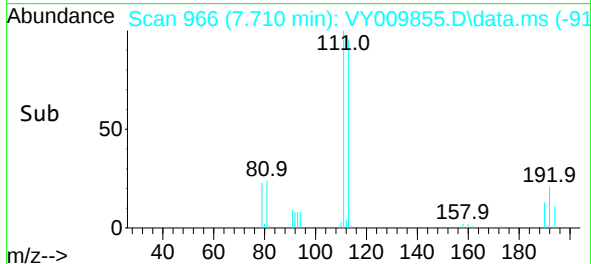


#35
Dibromofluoromethane
Concen: 41.338 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080422

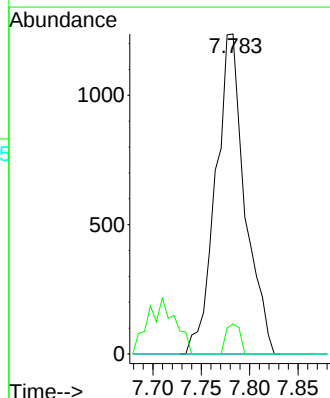
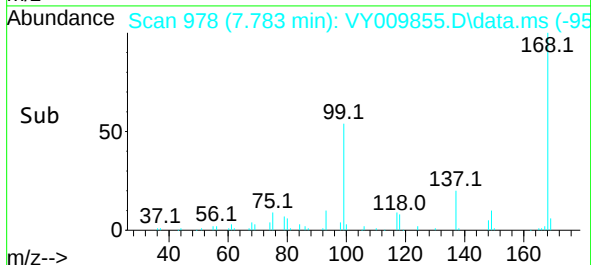
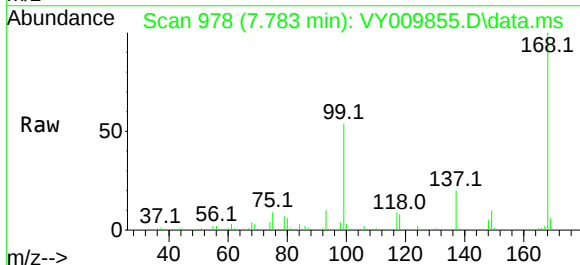


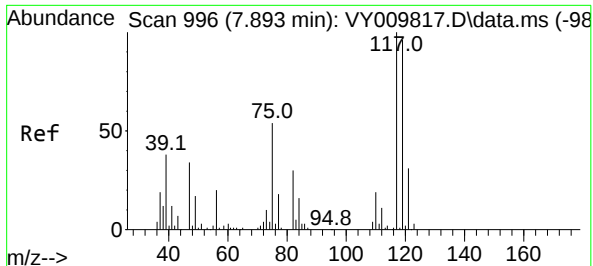
Tgt Ion:113 Resp: 16083
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 19.8 16.5 24.7



#36
1,1-Dichloropropene
Concen: 4.034 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

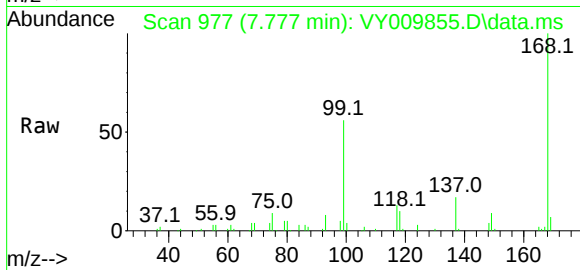
Tgt Ion: 75 Resp: 2604
Ion Ratio Lower Upper
75 100
110 4.5 17.8 53.4#
77 0.0 24.6 36.8#



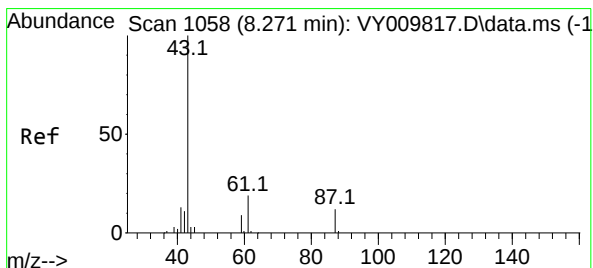
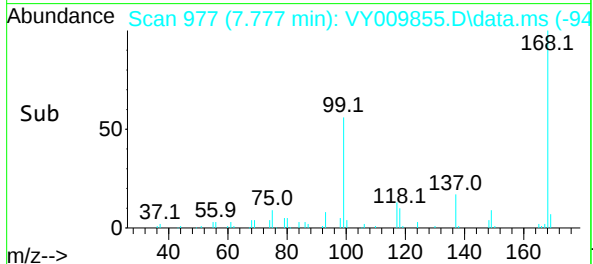
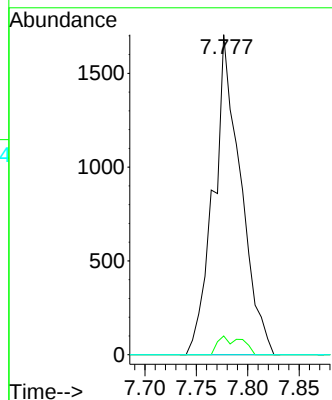


#38
Carbon Tetrachloride
Concen: 4.608 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080422

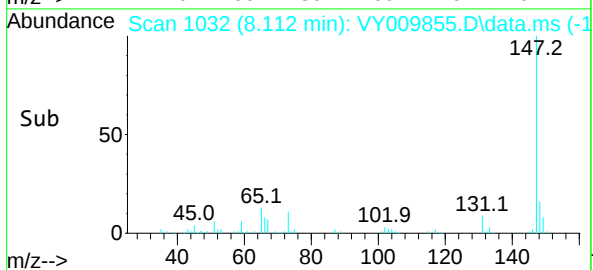
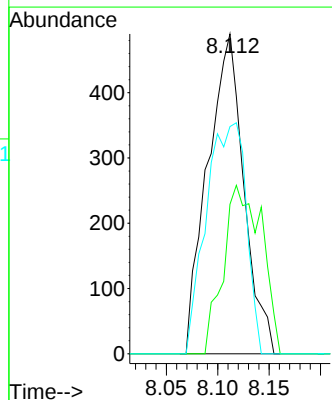
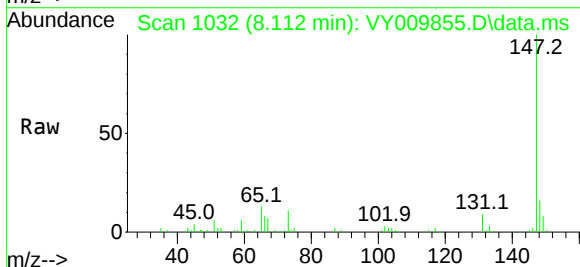


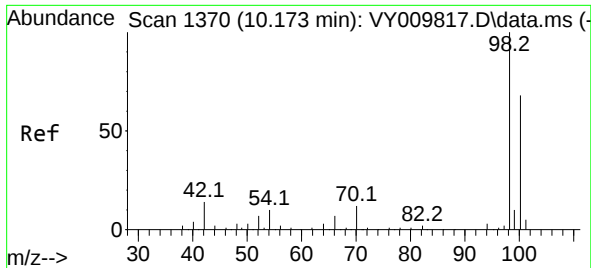
Tgt Ion:117 Resp: 3128
Ion Ratio Lower Upper
117 100
119 5.9 76.8 115.2#
121 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.640 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.159 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
61 55.7 21.4 32.0#
87 79.4 9.2 13.8#

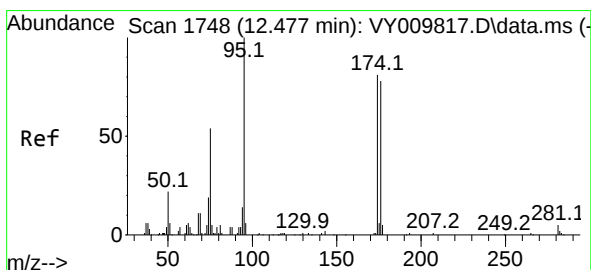
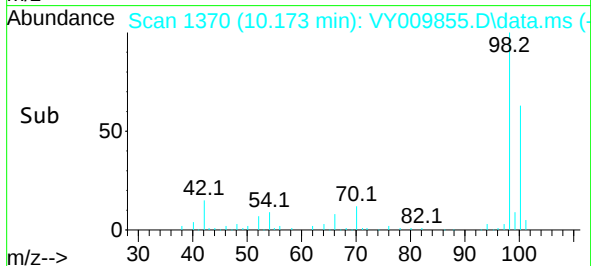
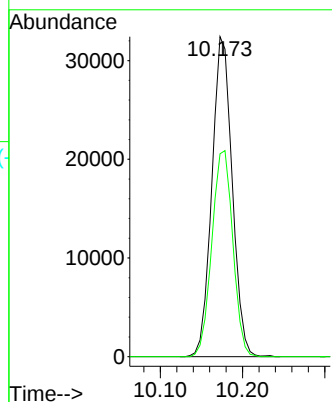
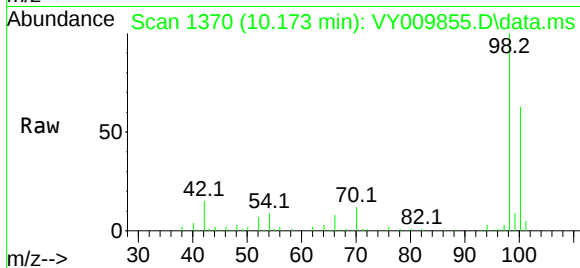




#50
Toluene-d8
Concen: 48.461 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

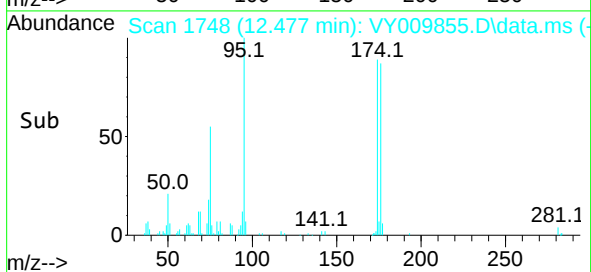
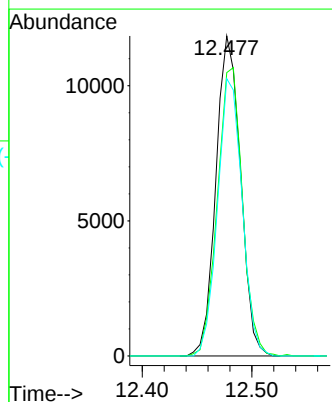
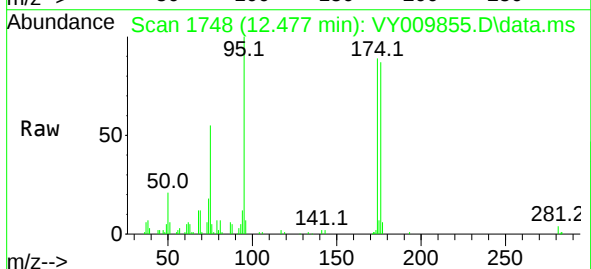
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080422

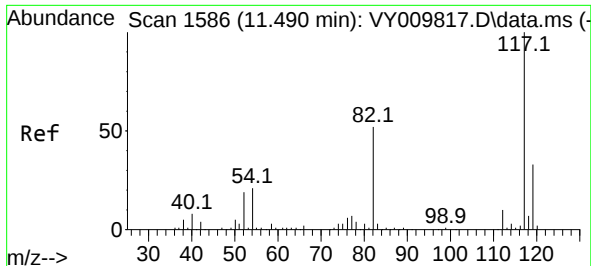
Tgt Ion: 98 Resp: 55595
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 35.055 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

Tgt Ion: 95 Resp: 18468
Ion Ratio Lower Upper
95 100
174 91.8 0.0 168.6
176 86.5 0.0 163.6

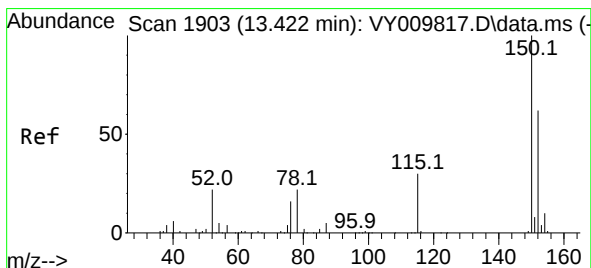
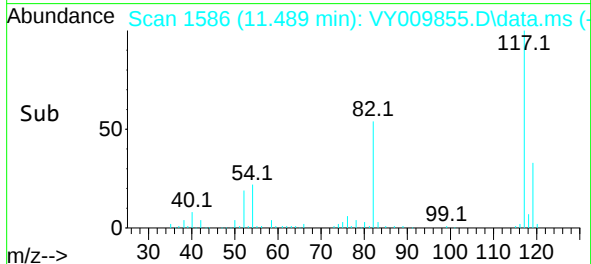
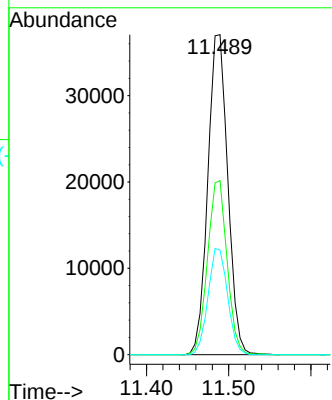
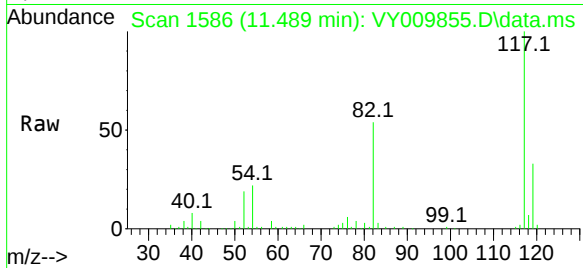




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

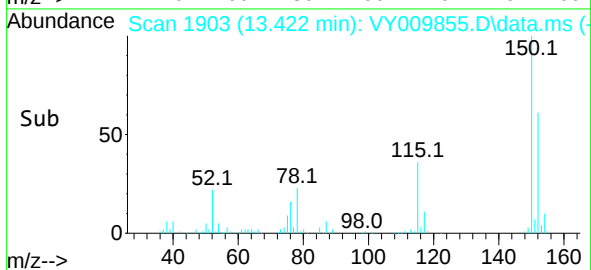
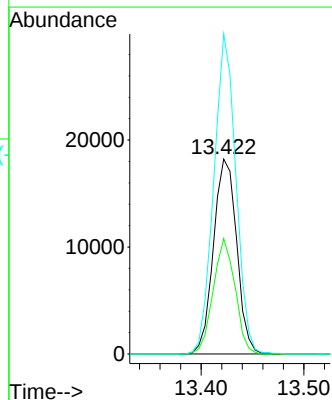
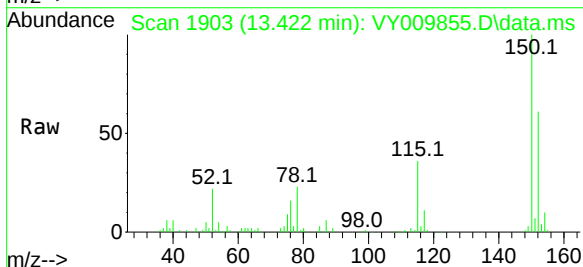
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080422

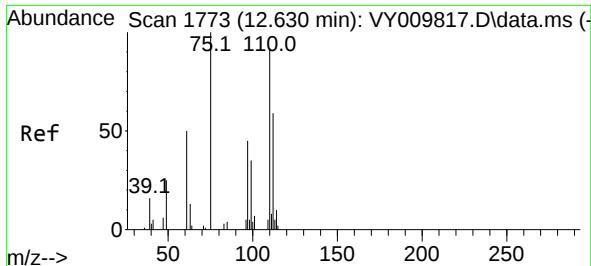
Tgt Ion:117 Resp: 62581
Ion Ratio Lower Upper
117 100
82 54.4 41.7 62.5
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

Tgt Ion:152 Resp: 28585
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 156.6 0.0 354.2

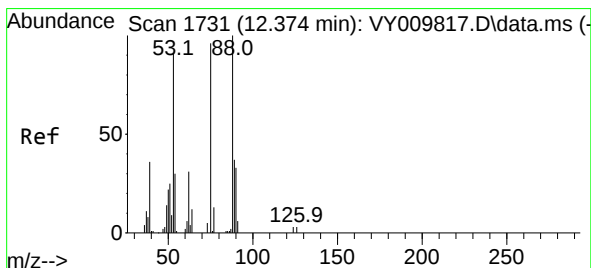
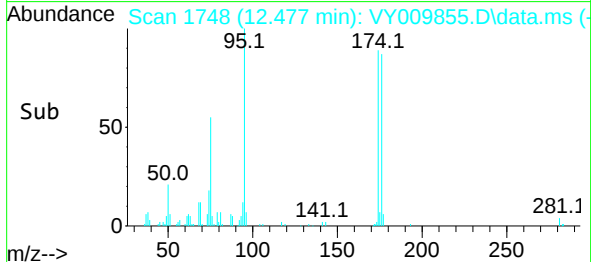
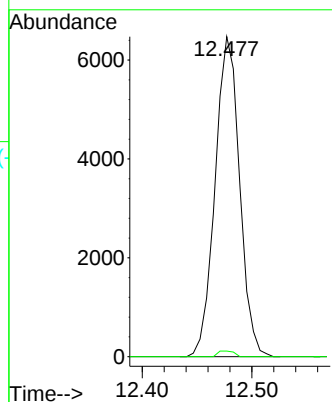
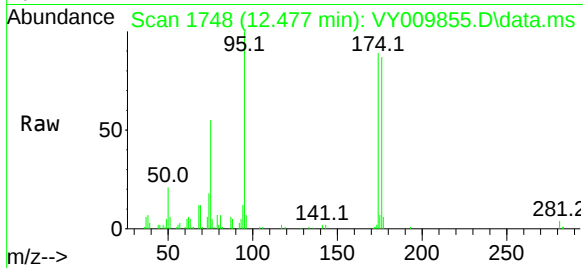




#76
1,2,3-Trichloropropane
Concen: 30.756 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

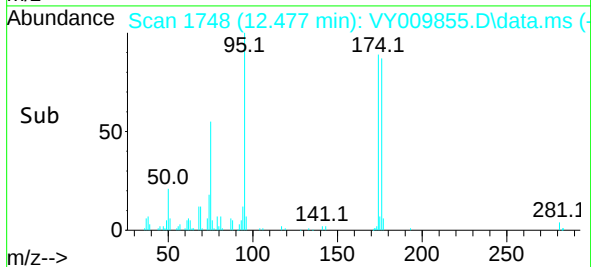
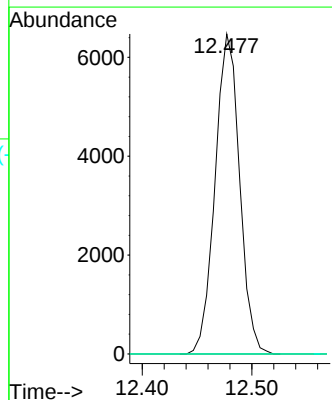
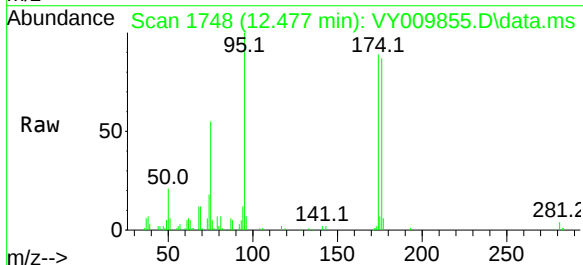
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080422

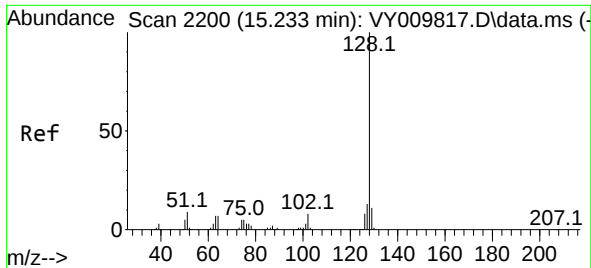
Tgt Ion: 75 Resp: 10057
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.009 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

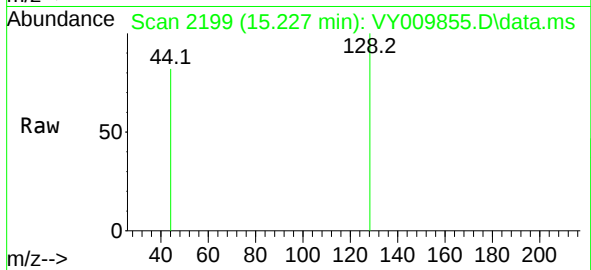
Tgt Ion: 75 Resp: 10057
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 5.689 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY009855.D
Acq: 05 Aug 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080422



Tgt Ion:128 Resp: 342
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

