

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011482.D
 Acq On : 16 Nov 2022 18:36
 Operator : KP/MD
 Sample : N5641-12
 Misc : 5.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	253398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	460818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	440239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141858	66.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.620%
35) Dibromofluoromethane	7.716	113	142565	55.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.400%
50) Toluene-d8	10.179	98	546973	55.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.880%
62) 4-Bromofluorobenzene	12.483	95	176964	51.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.860%

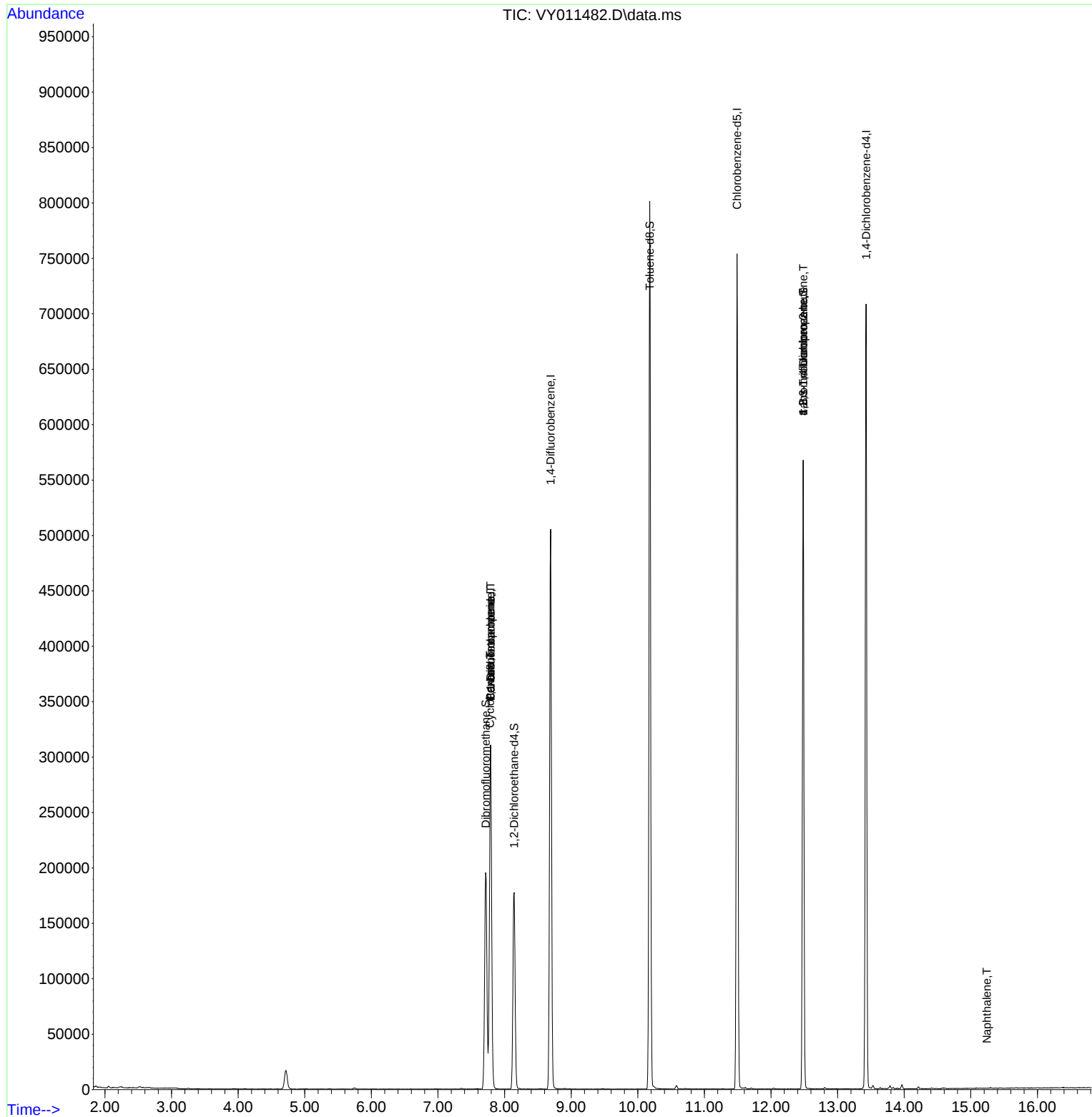
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	81	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	105	Below Cal	#	77
18) Methyl Acetate	4.485	43	191	Below Cal	#	56
20) Methylene Chloride	4.716	84	14089	Below Cal	#	75
31) Cyclohexane	7.783	56	3885	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16979	4.236	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23556	5.403	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	84061	37.179	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84061	89.367	ug/l #	7
95) Naphthalene	15.239	128	158	3.295	ug/l #	69

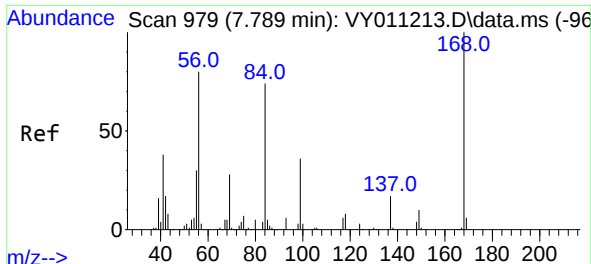
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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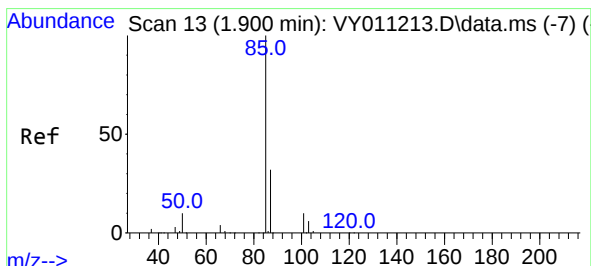
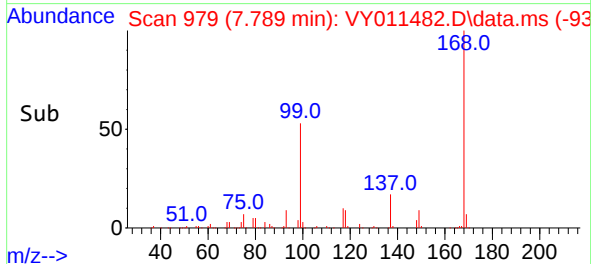
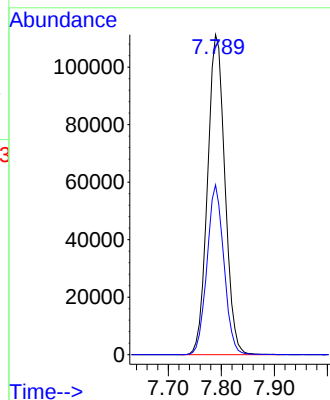
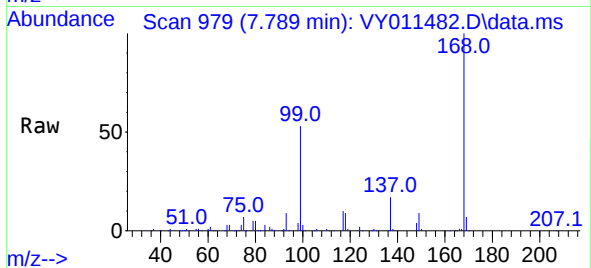




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

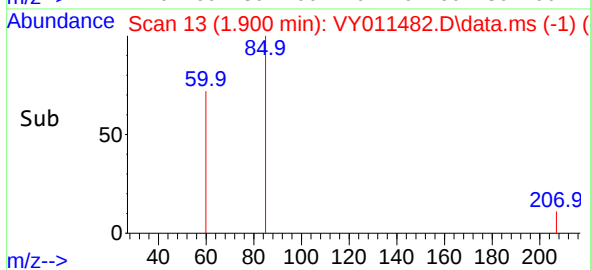
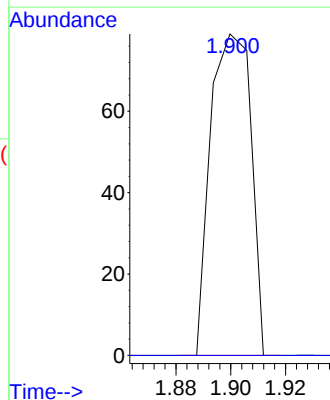
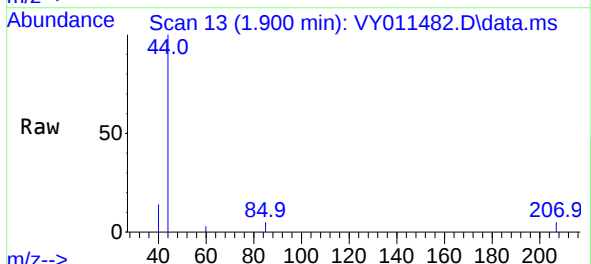
Instrument :
MSVOA_Y
ClientSampleId :

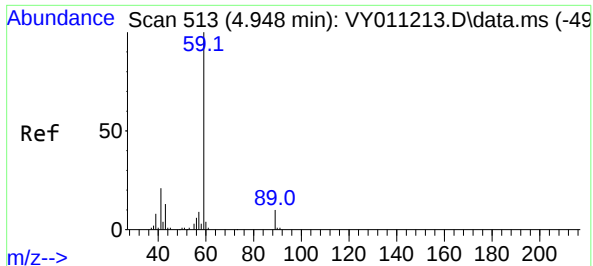
Tgt Ion:168 Resp: 253398
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Tgt Ion: 85 Resp: 81
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY011482.D

Acq: 16 Nov 2022 18:36

Instrument :

MSVOA_Y

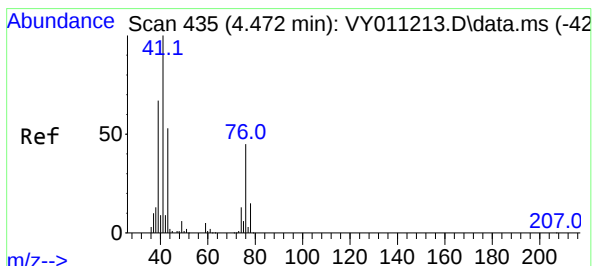
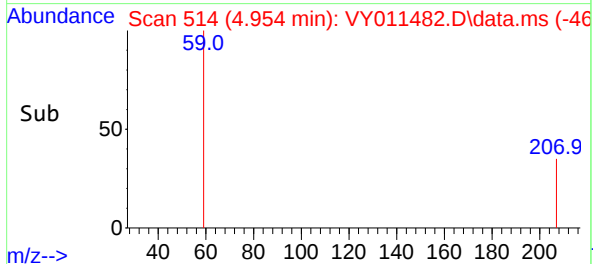
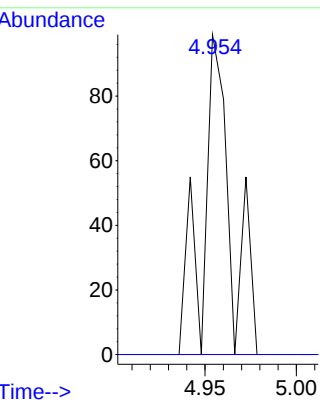
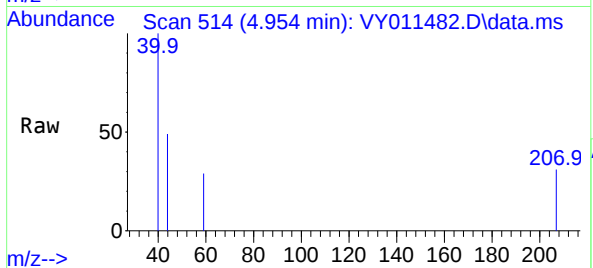
ClientSampleId :

Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY011482.D

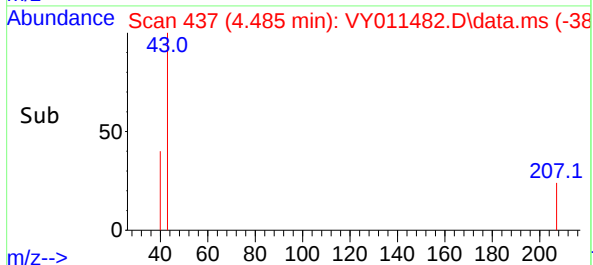
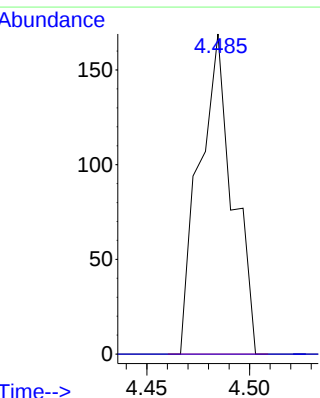
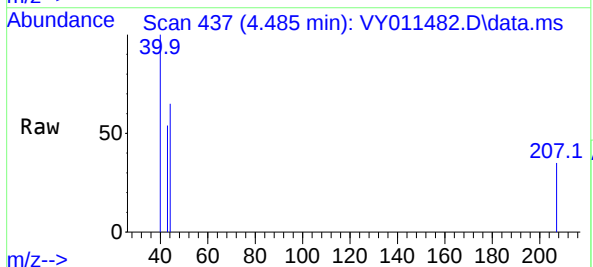
Acq: 16 Nov 2022 18:36

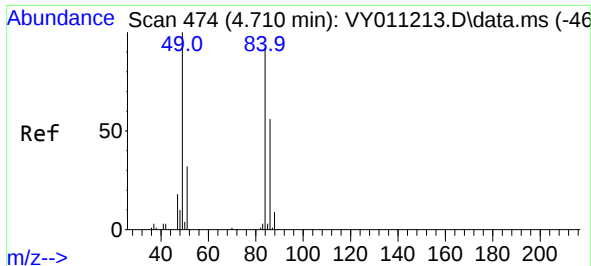
Tgt Ion: 43 Resp: 191

Ion Ratio Lower Upper

43 100

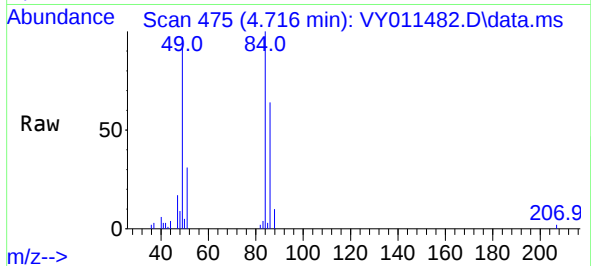
74 0.0 16.6 24.8#





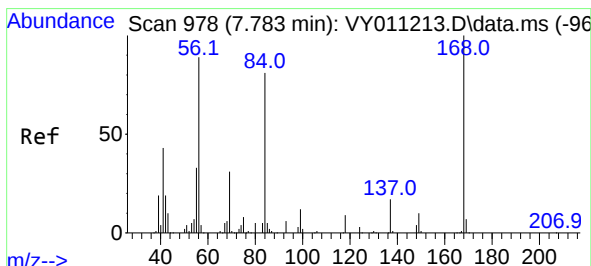
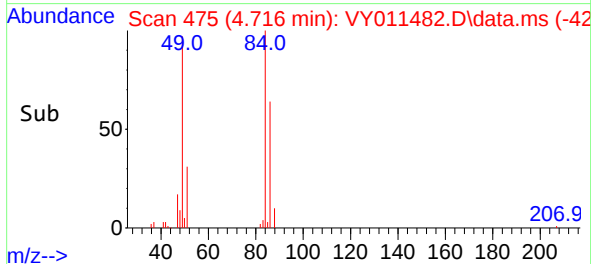
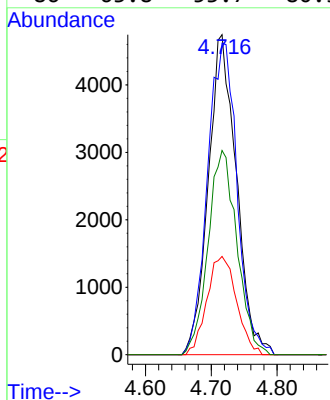
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 14089

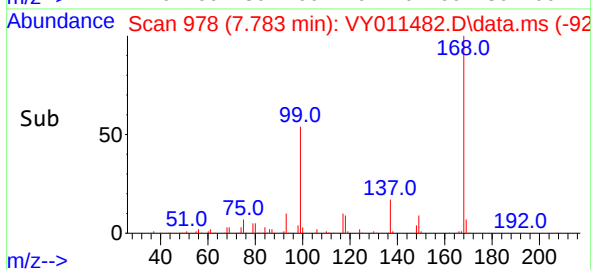
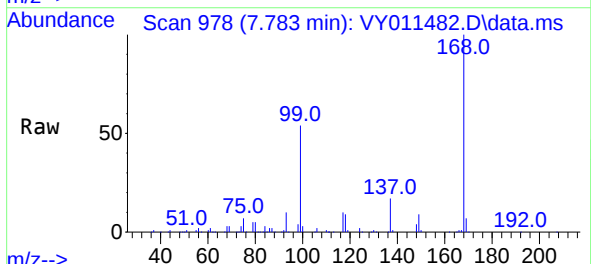
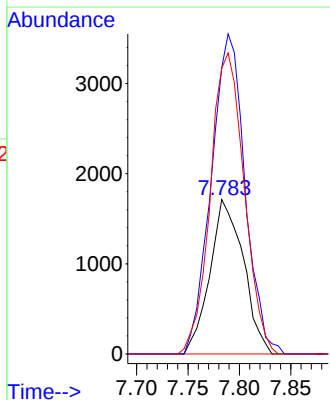
Ion	Ratio	Lower	Upper
84	100		
49	97.4	114.4	171.6#
51	30.7	35.3	52.9#
86	63.8	53.7	80.5

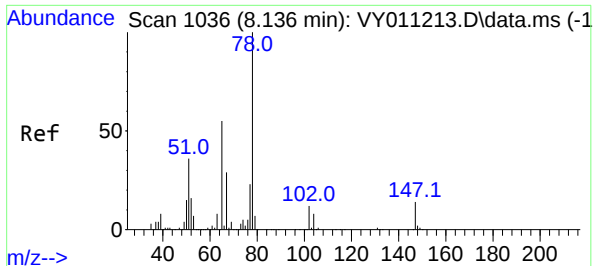


#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Tgt Ion: 56 Resp: 3885

Ion	Ratio	Lower	Upper
56	100		
69	185.3	26.7	40.1#
84	184.9	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.807 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY011482.D

Acq: 16 Nov 2022 18:36

Instrument :

MSVOA_Y

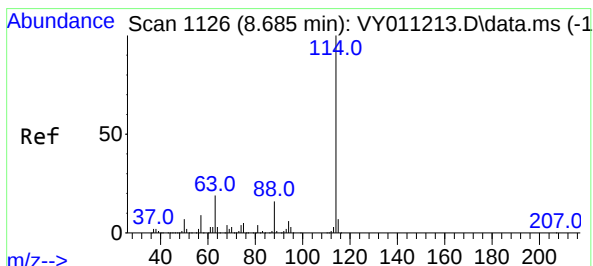
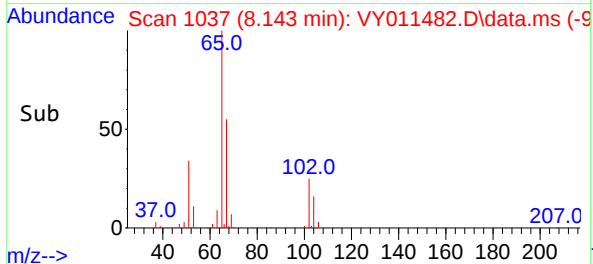
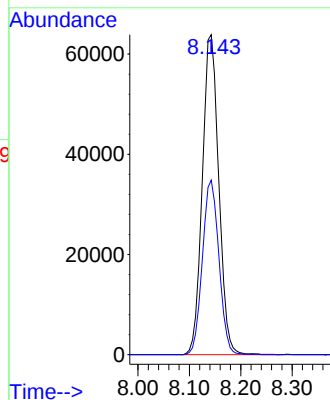
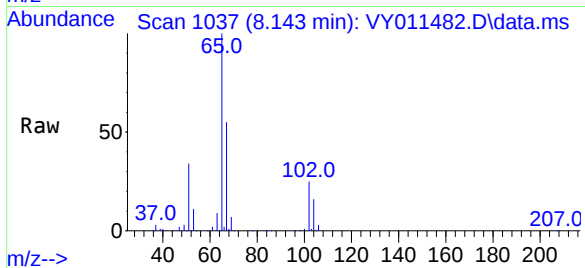
ClientSampleId :

Tgt Ion: 65 Resp: 141858

Ion Ratio Lower Upper

65 100

67 54.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011482.D

Acq: 16 Nov 2022 18:36

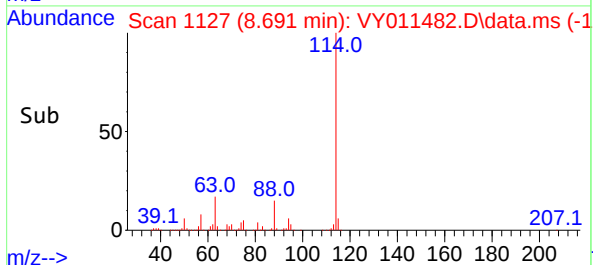
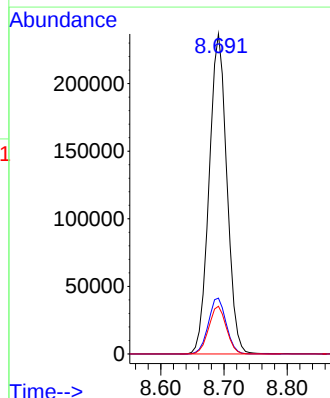
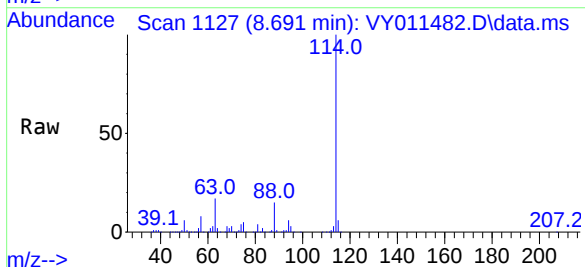
Tgt Ion: 114 Resp: 460818

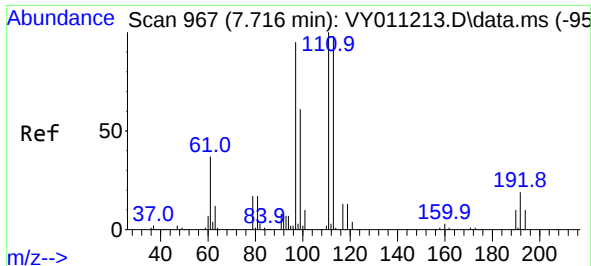
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

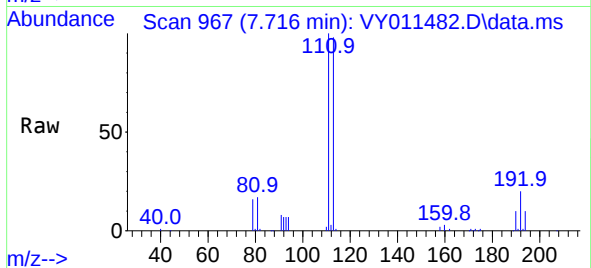
88 14.9 0.0 31.8



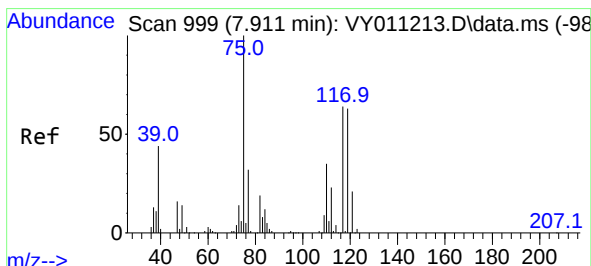
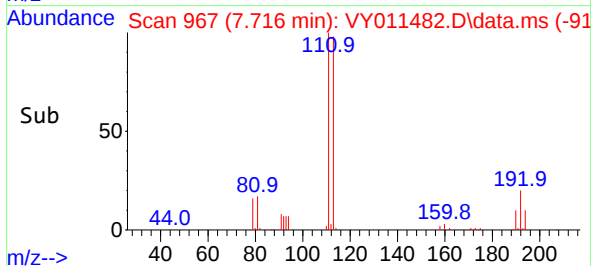
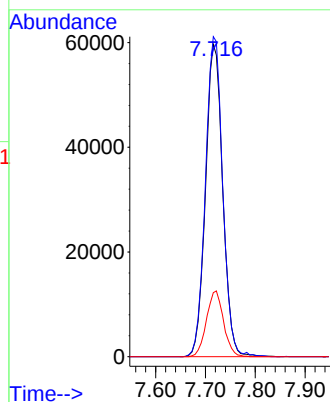


#35
Dibromofluoromethane
Concen: 55.204 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Instrument :
MSVOA_Y
ClientSampleId :

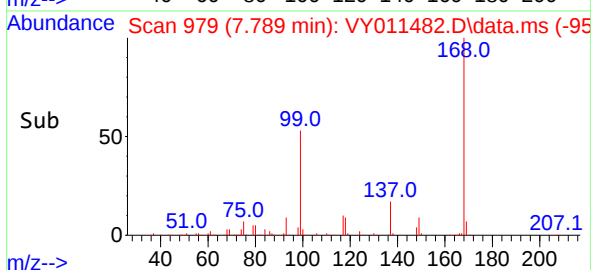
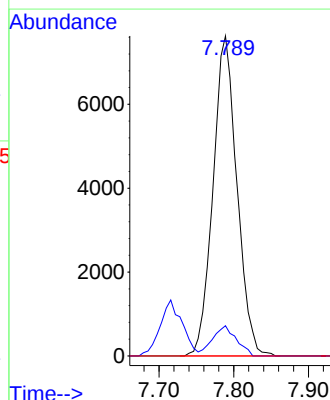
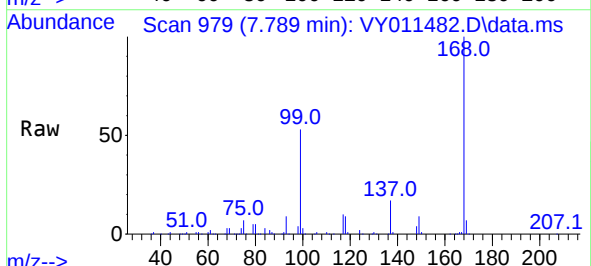


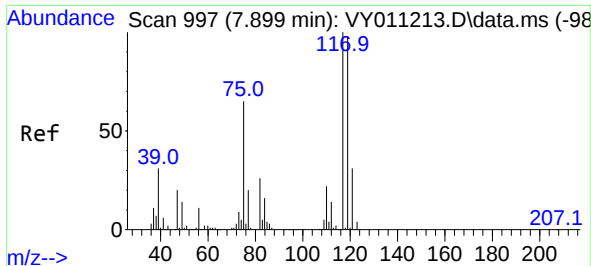
Tgt Ion:113 Resp: 142565
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.236 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

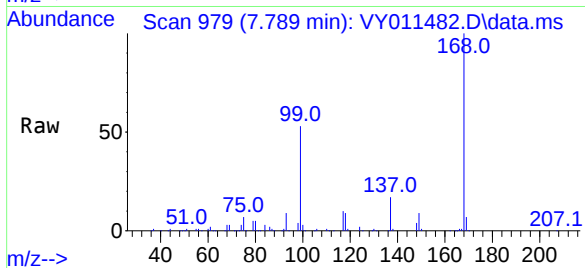
Tgt Ion: 75 Resp: 16979
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



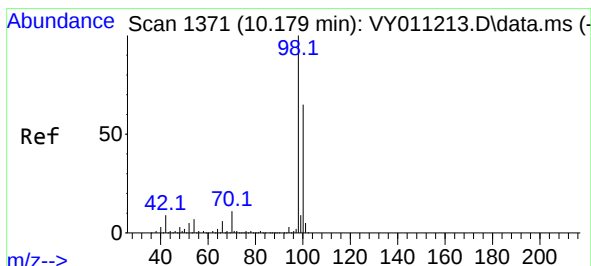
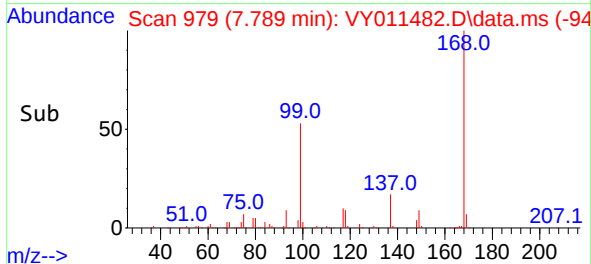
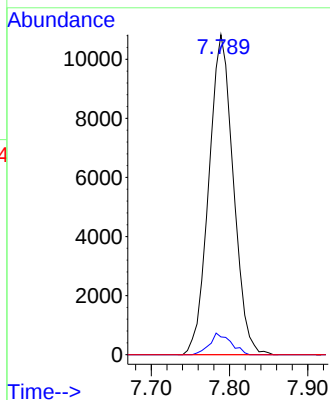


#38
Carbon Tetrachloride
Concen: 5.403 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Instrument :
MSVOA_Y
ClientSampleId :

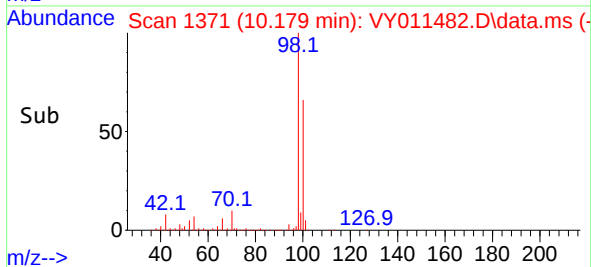
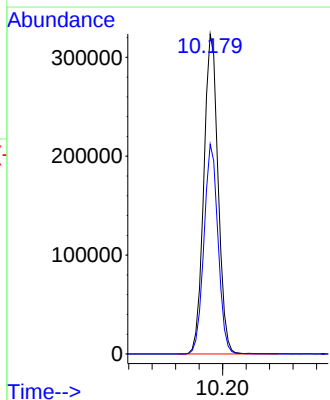
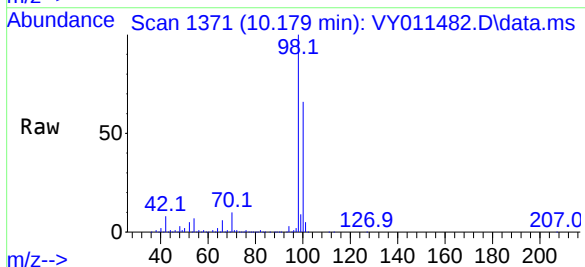


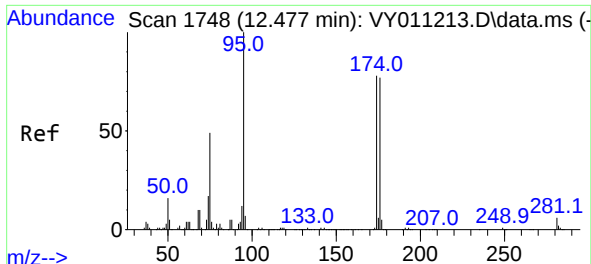
Tgt Ion:117 Resp: 23556
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.440 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Tgt Ion: 98 Resp: 546973
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

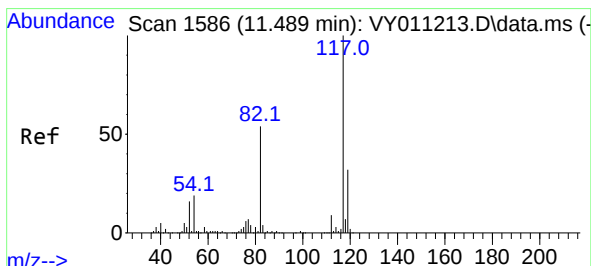
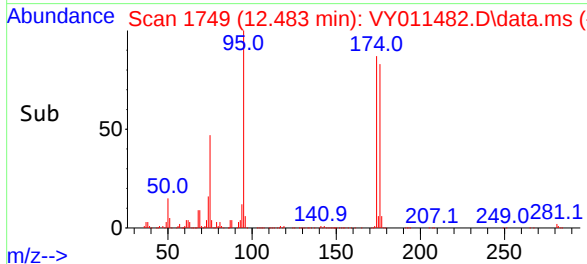
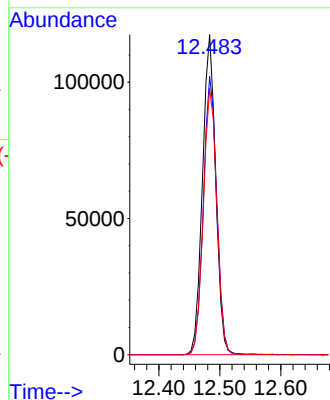
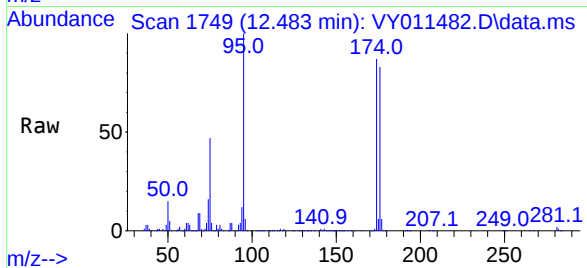




#62
4-Bromofluorobenzene
Concen: 51.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

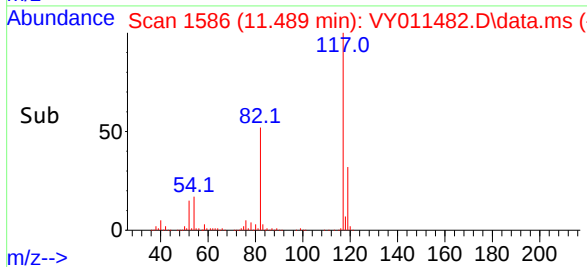
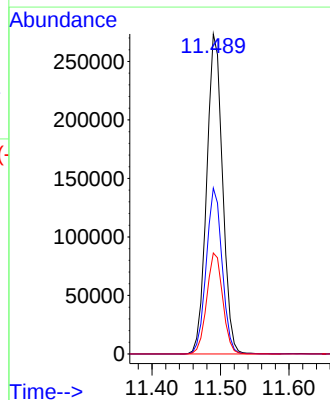
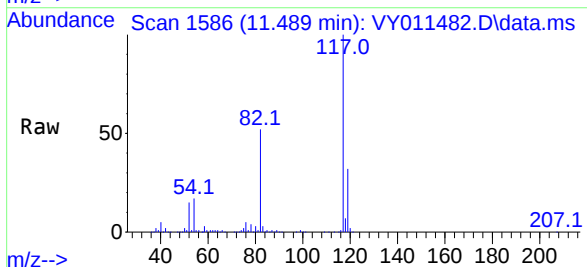
Instrument :
MSVOA_Y
ClientSampleId :

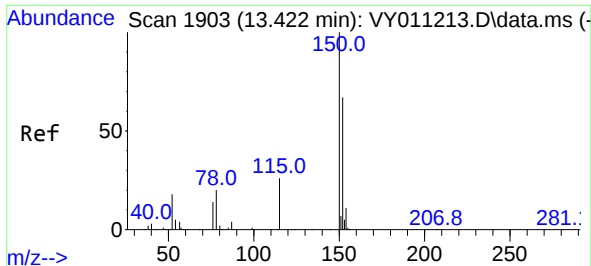
Tgt Ion: 95 Resp: 176964
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 85.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Tgt Ion: 117 Resp: 440239
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.5 25.4 38.0

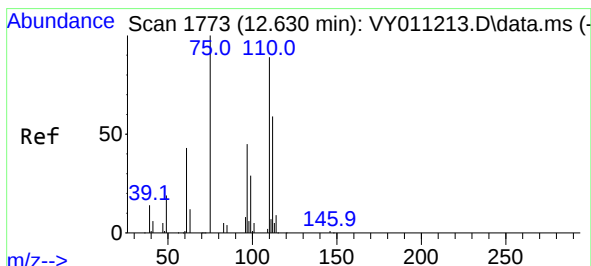
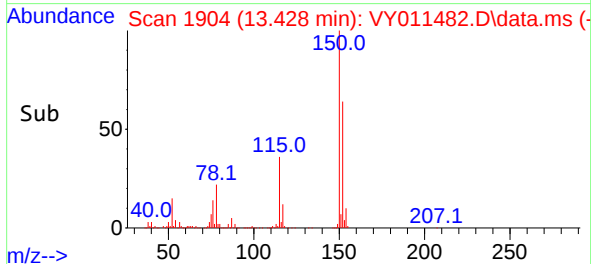
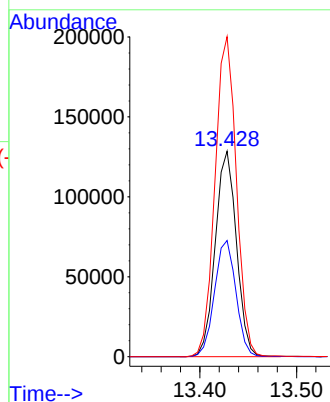
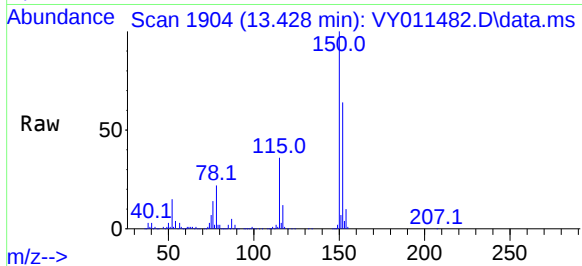




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011482.D
 Acq: 16 Nov 2022 18:36

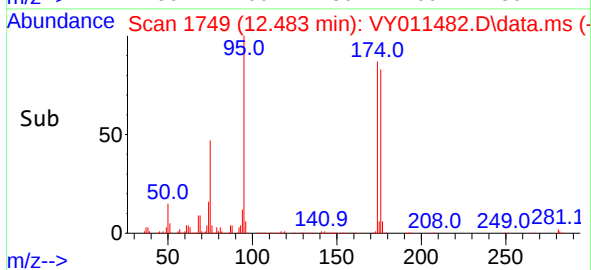
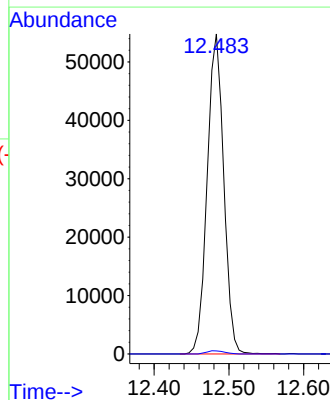
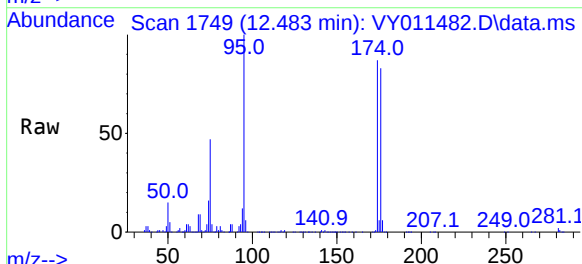
Instrument :
 MSVOA_Y
 ClientSampleId :

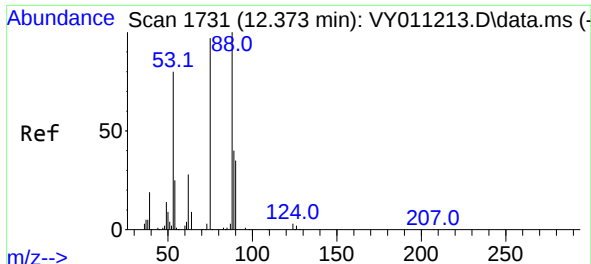
Tgt Ion:152 Resp: 195329
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 37.179 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011482.D
 Acq: 16 Nov 2022 18:36

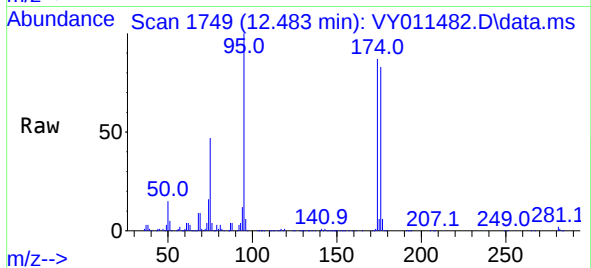
Tgt Ion: 75 Resp: 84061
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



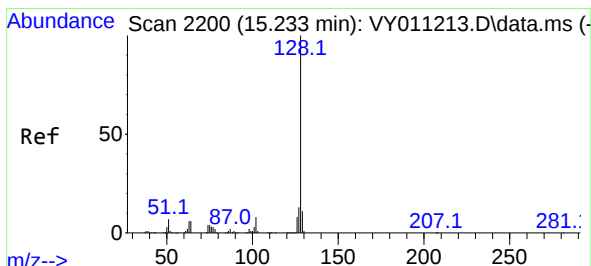
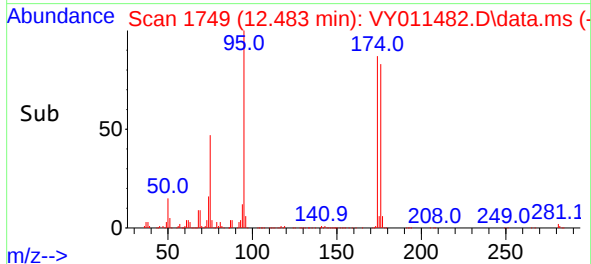
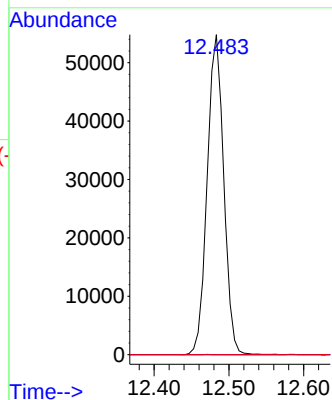


#81
trans-1,4-Dichloro-2-butene
Concen: 89.367 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 84061
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.295 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011482.D
Acq: 16 Nov 2022 18:36

Tgt Ion: 128 Resp: 158
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

