

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011373.D
 Acq On : 08 Nov 2022 19:27
 Operator : KP/MD
 Sample : N5436-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:35:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

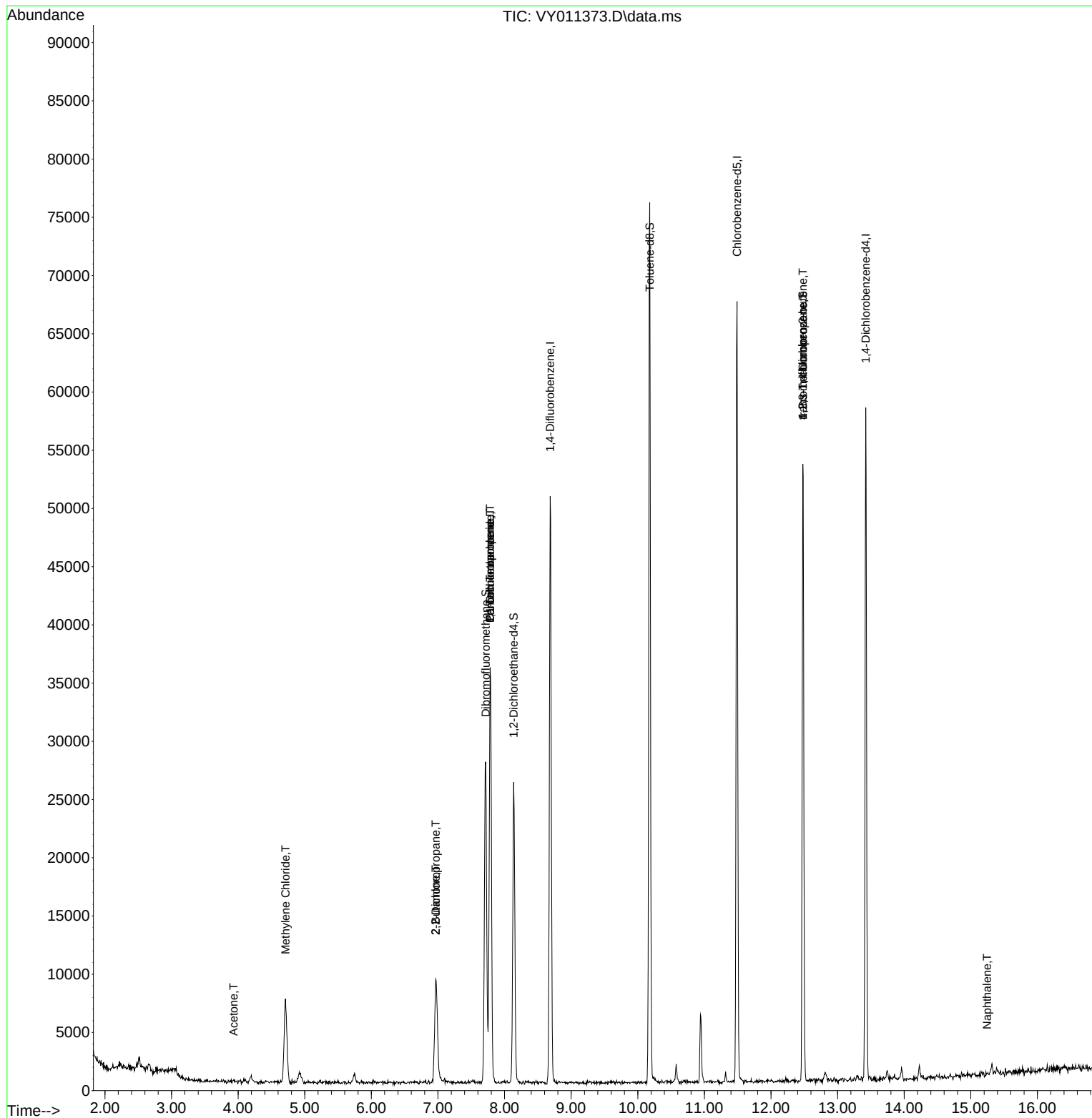
Internal Standards						
1) Pentafluorobenzene	7.783	168	29984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	45585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	39758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	19693	61.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.820%	
35) Dibromofluoromethane	7.716	113	20056	68.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.960%	
50) Toluene-d8	10.179	98	54087	47.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.120%	
62) 4-Bromofluorobenzene	12.477	95	16941	42.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.912	59	1050	Below Cal	#	77
16) Acetone	3.930	43	130	1.343	ug/l #	47
20) Methylene Chloride	4.710	84	5688	10.384	ug/l #	77
25) 2-Butanone	6.966	43	192	1.410	ug/l #	54
26) 2,2-Dichloropropane	6.966	77	728	1.241	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	2152	4.499	ug/l #	45
38) Carbon Tetrachloride	7.783	117	2943	5.931	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	8101	40.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8101	87.053	ug/l #	7
95) Naphthalene	15.245	128	27	4.003	ug/l #	69

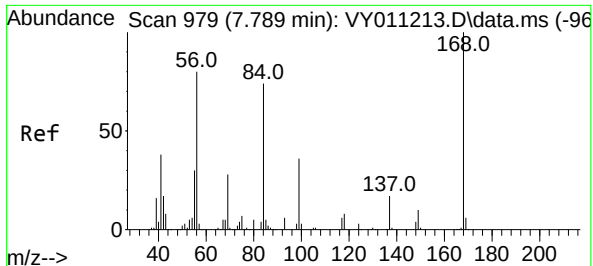
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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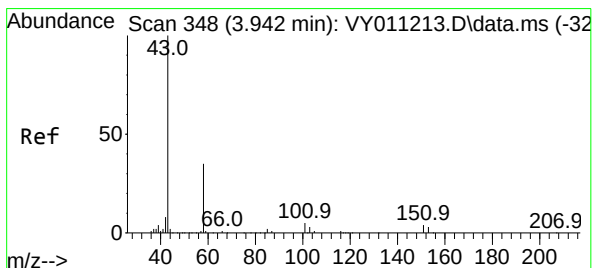
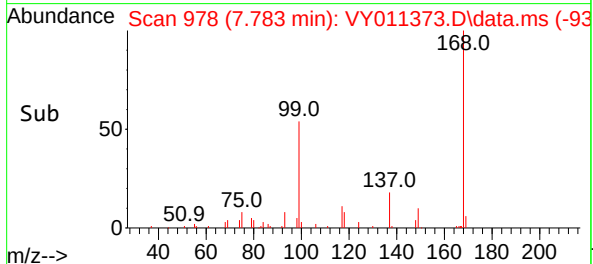
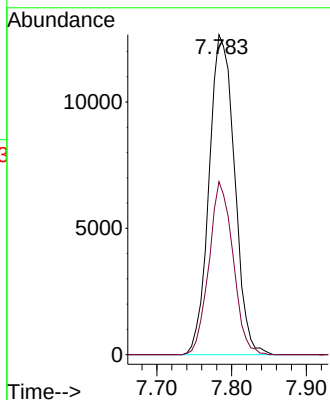
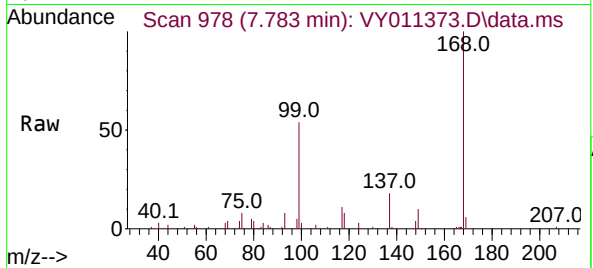




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

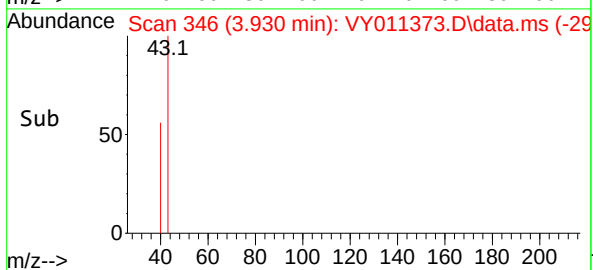
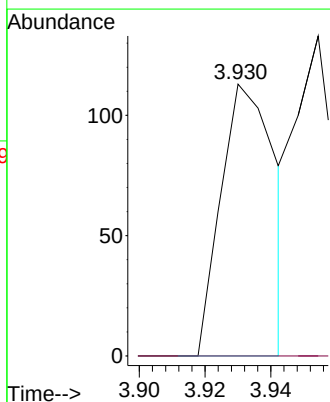
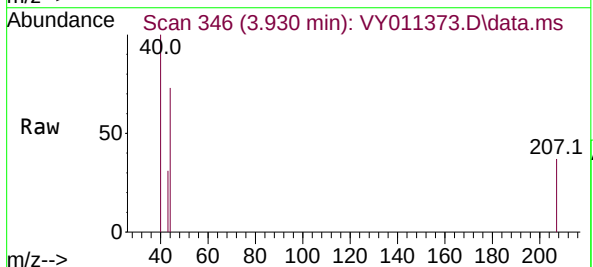
Instrument :
MSVOA_Y
ClientSampleId :

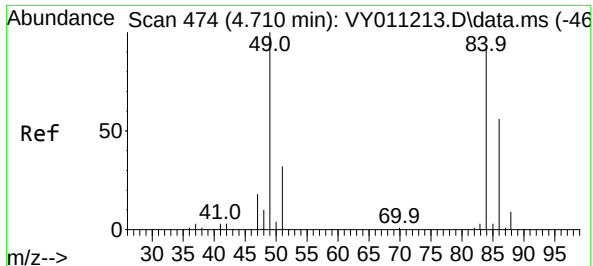
Tgt Ion:168 Resp: 29984
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 1.343 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

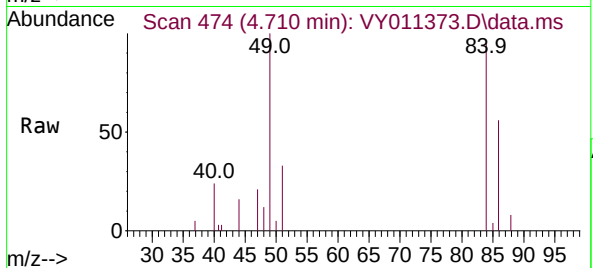
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



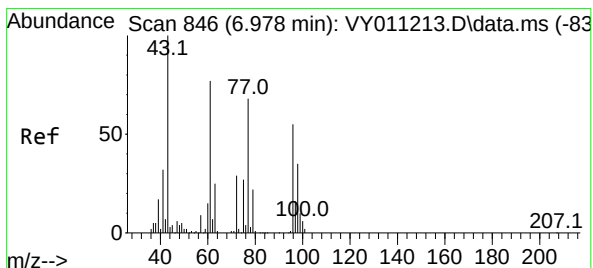
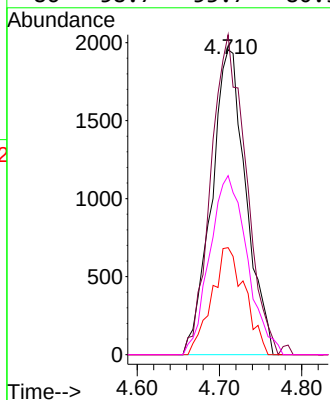
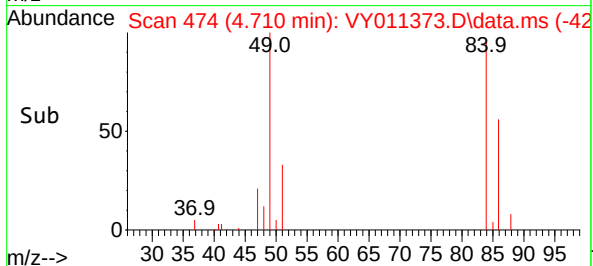


#20
Methylene Chloride
Concen: 10.384 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

Instrument :
MSVOA_Y
ClientSampleId :

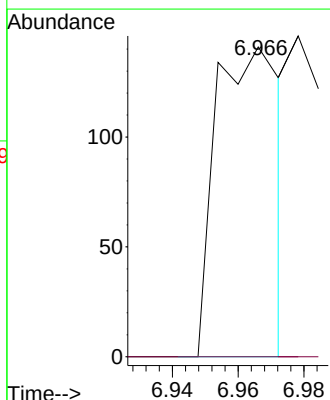
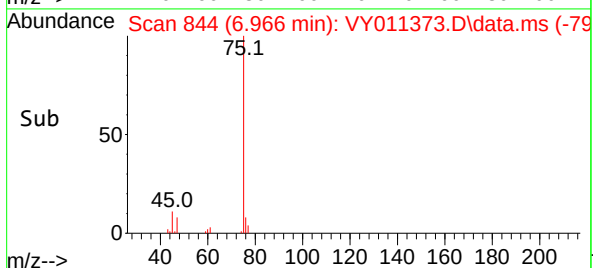
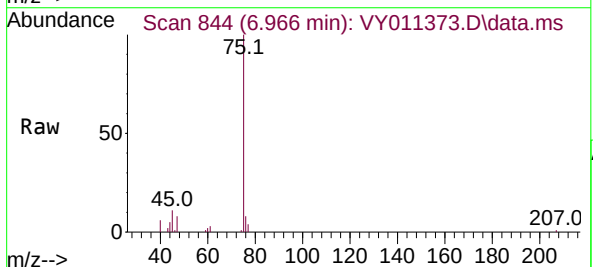


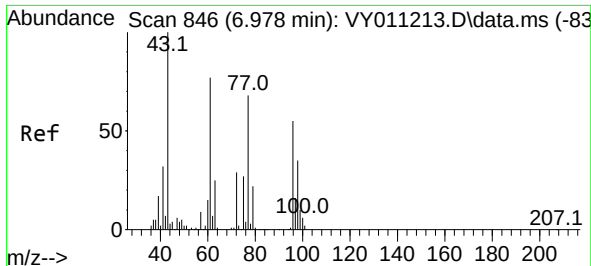
Tgt Ion:	84	Resp:	5688
Ion	Ratio	Lower	Upper
84	100		
49	104.9	114.4	171.6#
51	35.1	35.3	52.9#
86	58.7	53.7	80.5



#25
2-Butanone
Concen: 1.410 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

Tgt Ion:	43	Resp:	192
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.241 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

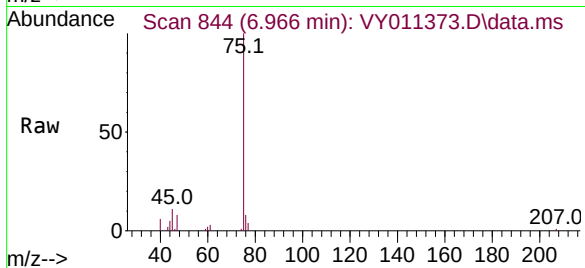
Lab File: VY011373.D

Acq: 08 Nov 2022 19:27

Instrument :

MSVOA_Y

ClientSampleId :

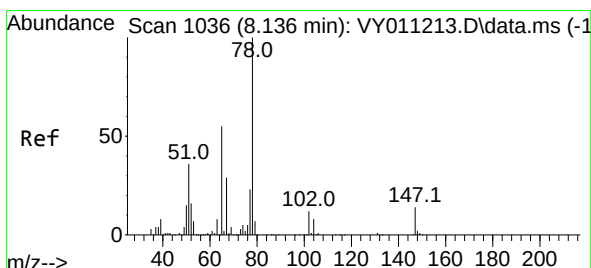
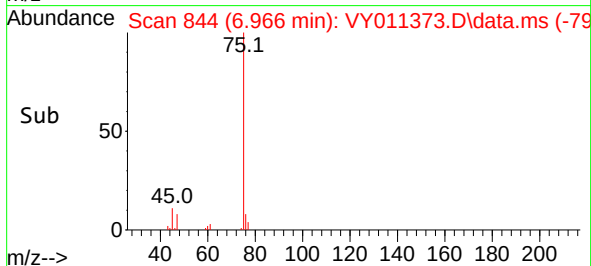
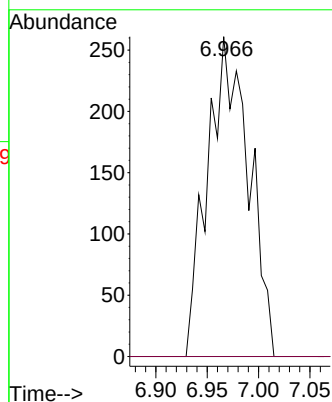


Tgt Ion: 77 Resp: 728

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#33

1,2-Dichloroethane-d4

Concen: 61.410 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011373.D

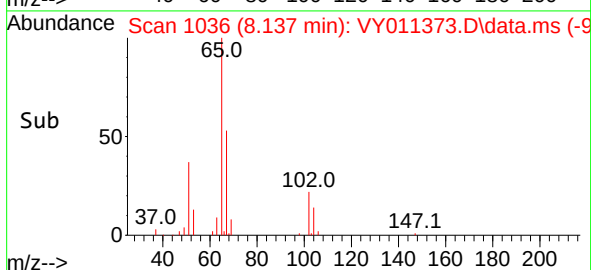
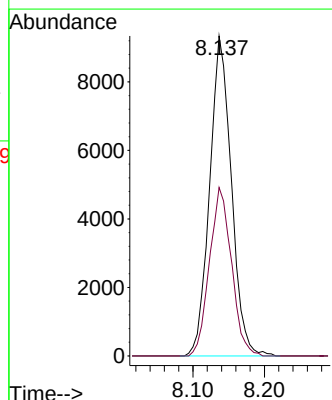
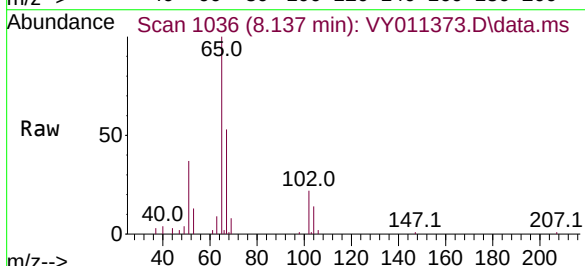
Acq: 08 Nov 2022 19:27

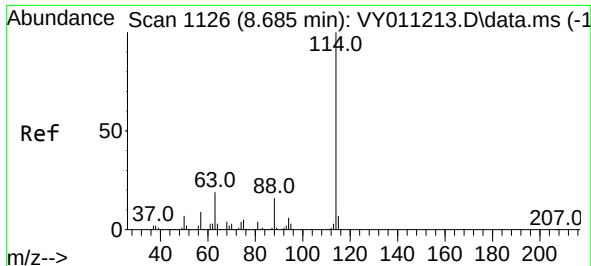
Tgt Ion: 65 Resp: 19693

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011373.D

Acq: 08 Nov 2022 19:27

Instrument :

MSVOA_Y

ClientSampleId :

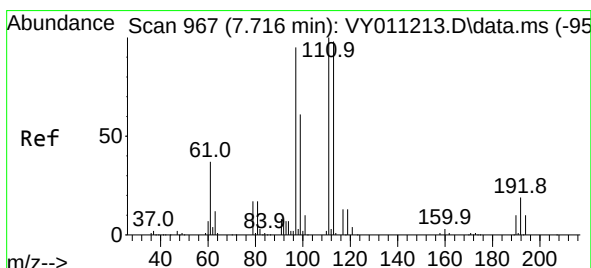
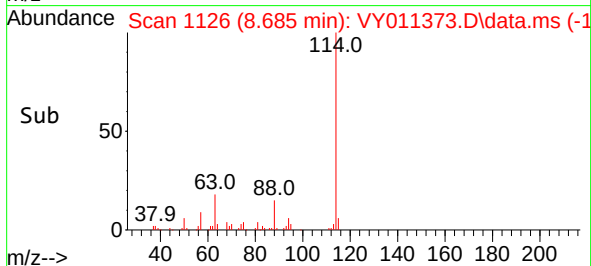
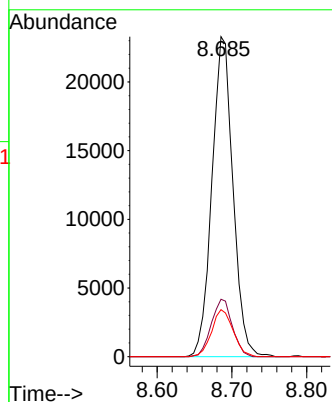
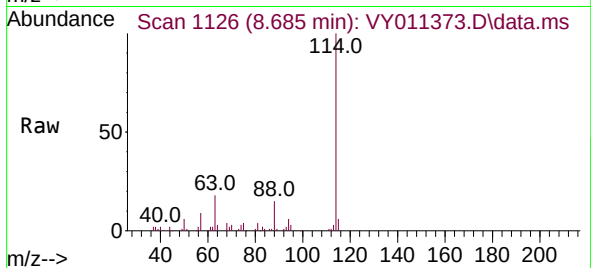
Tgt Ion:114 Resp: 45585

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 68.478 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011373.D

Acq: 08 Nov 2022 19:27

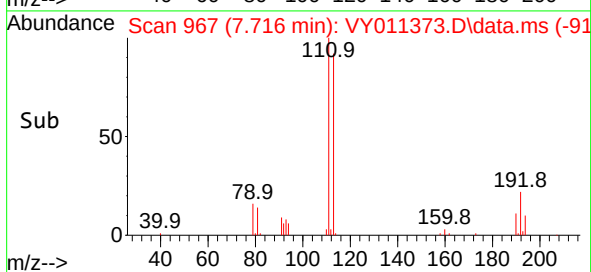
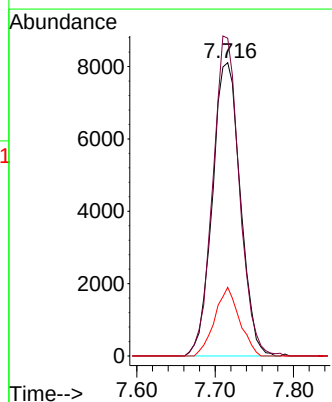
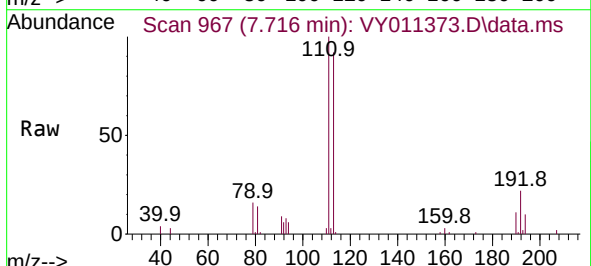
Tgt Ion:113 Resp: 20056

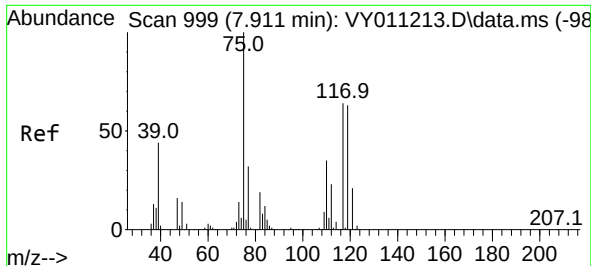
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

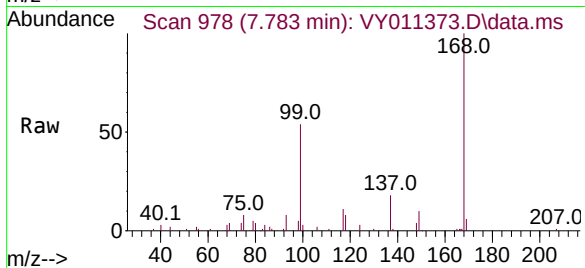
192 20.7 17.6 26.4



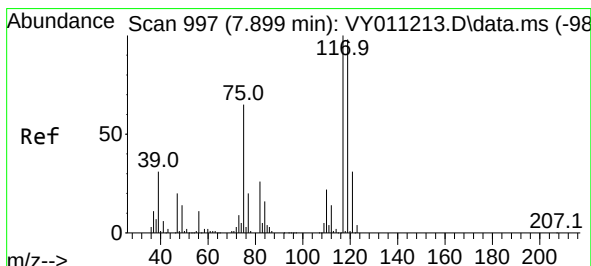
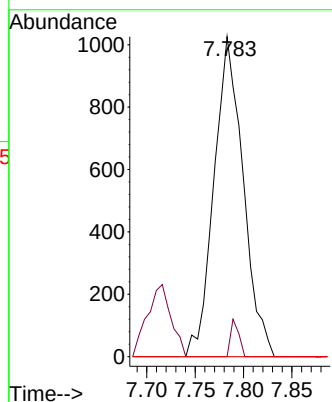
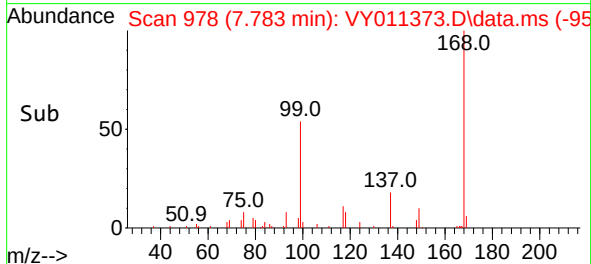


#36
 1,1-Dichloropropene
 Concen: 4.499 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY011373.D
 Acq: 08 Nov 2022 19:27

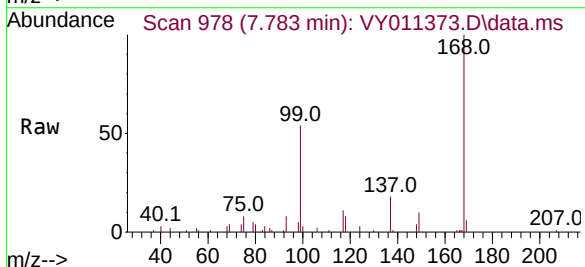
Instrument :
 MSVOA_Y
 ClientSampleId :



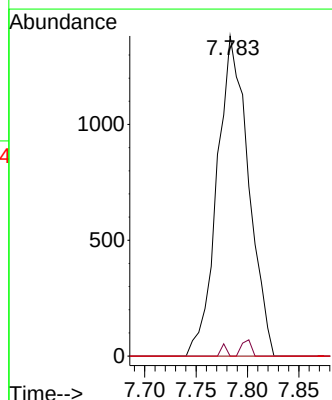
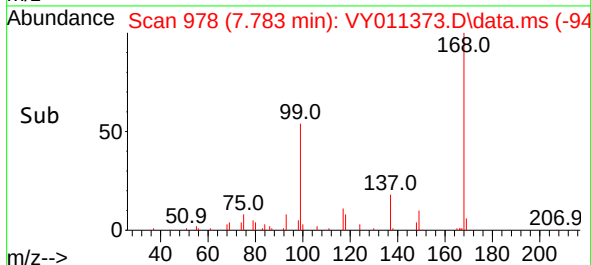
Tgt Ion: 75 Resp: 2152
 Ion Ratio Lower Upper
 75 100
 110 3.3 17.1 51.2#
 77 0.0 24.4 36.6#

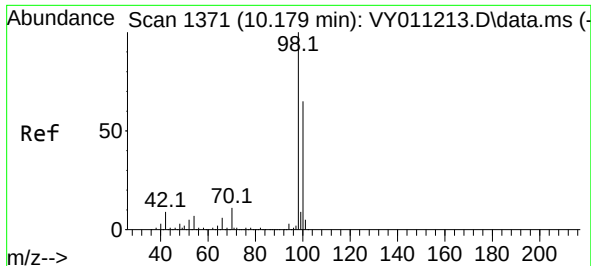


#38
 Carbon Tetrachloride
 Concen: 5.931 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY011373.D
 Acq: 08 Nov 2022 19:27



Tgt Ion: 117 Resp: 2943
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.9 116.9#
 121 0.0 24.8 37.2#

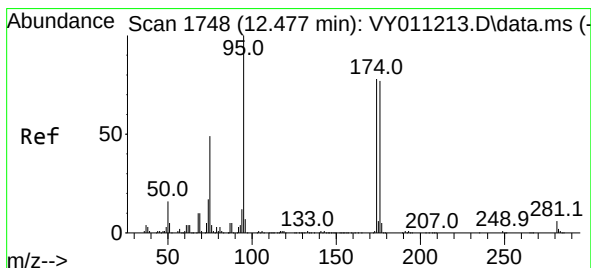
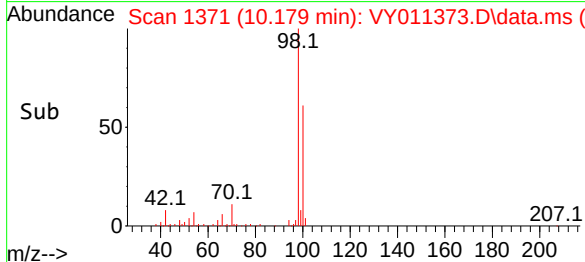
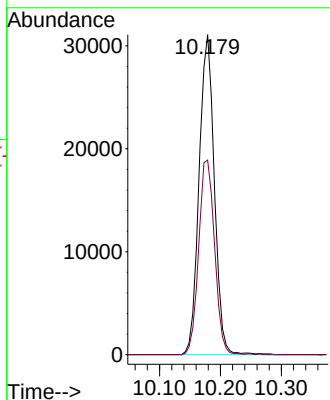
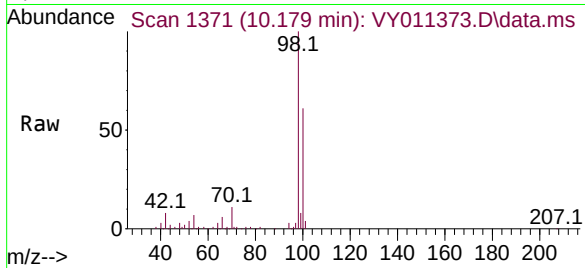




#50
Toluene-d8
Concen: 47.564 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

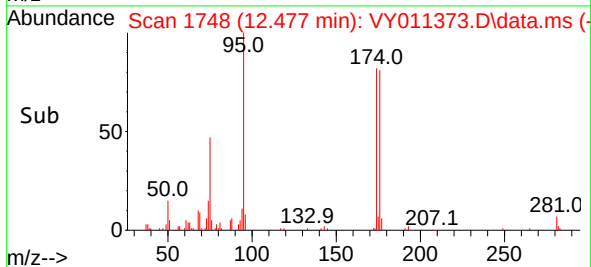
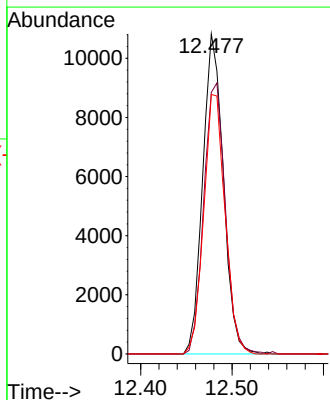
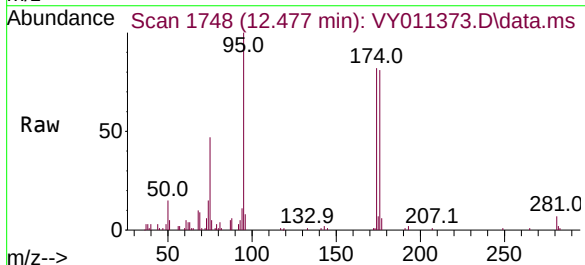
Instrument :
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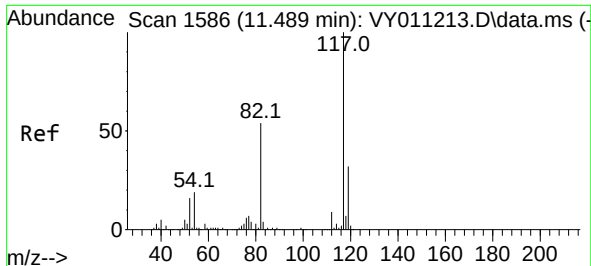
Tgt Ion: 98 Resp: 54087
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.914 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

Tgt Ion: 95 Resp: 16941
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 84.0 0.0 175.8

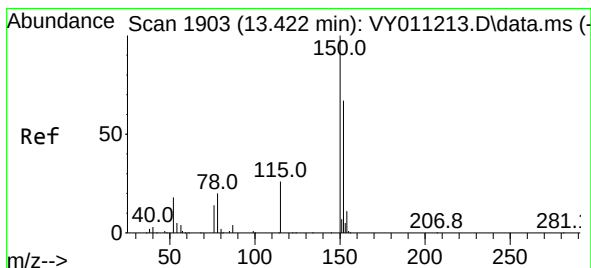
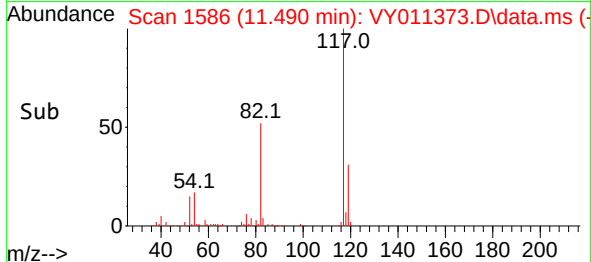
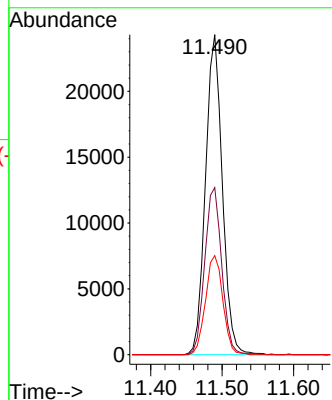
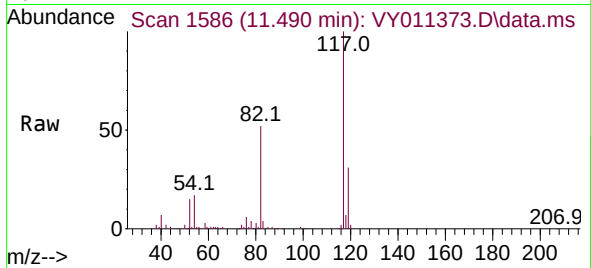




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

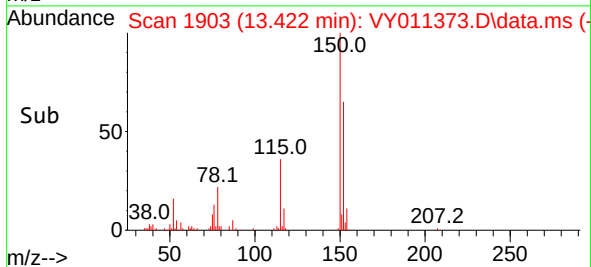
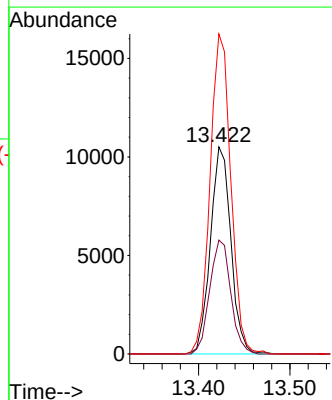
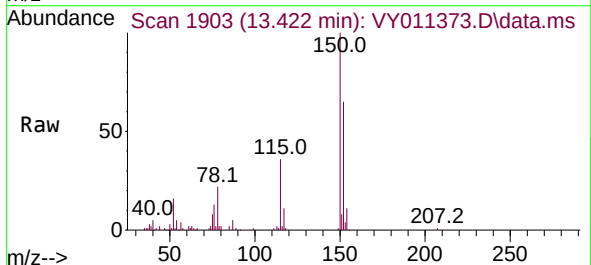
Instrument :
MSVOA_Y
ClientSampleId :

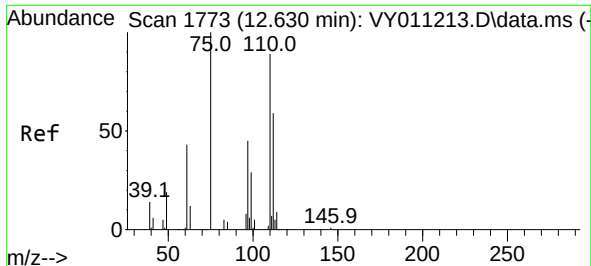
Tgt Ion:117 Resp: 39758
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

Tgt Ion:152 Resp: 16359
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 156.6 0.0 347.6

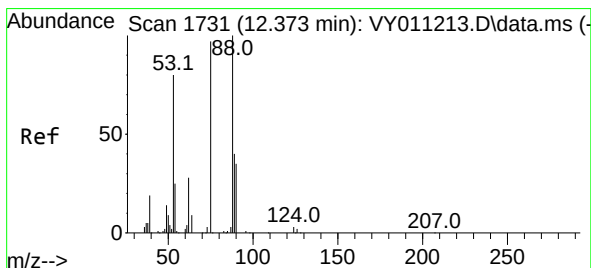
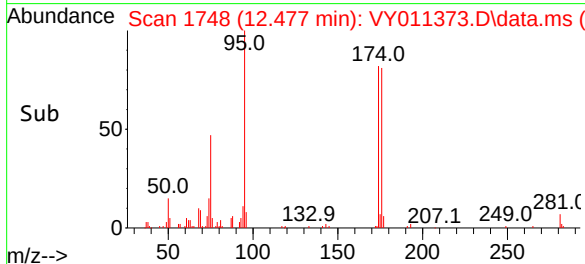
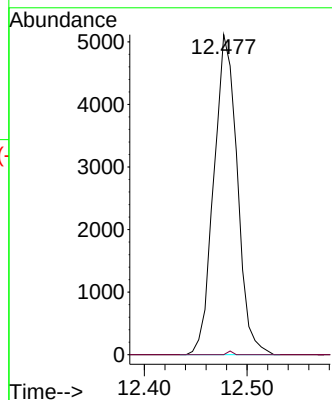
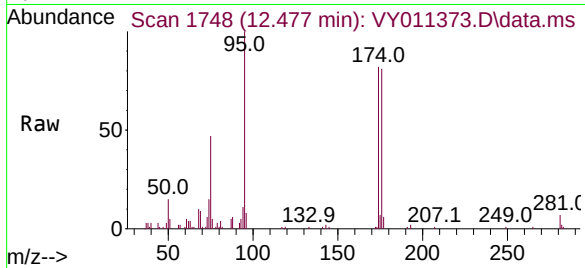




#76
1,2,3-Trichloropropane
Concen: 40.676 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

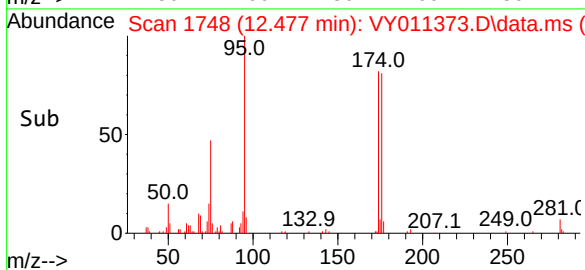
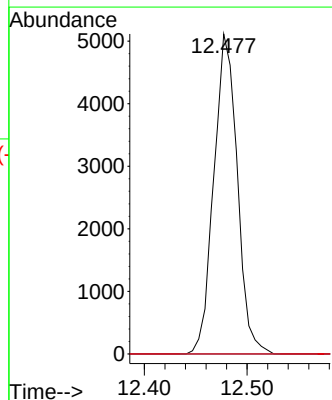
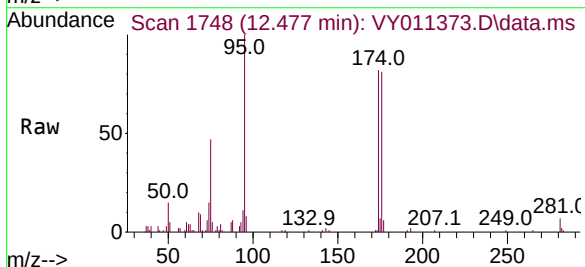
Instrument :
MSVOA_Y
ClientSampleId :

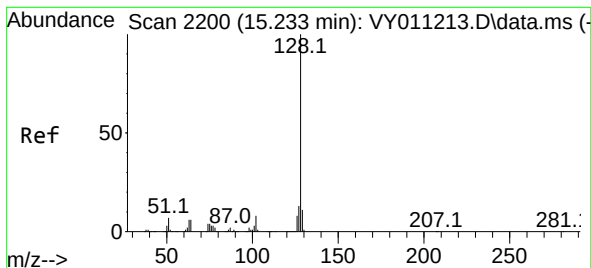
Tgt Ion: 75 Resp: 8101
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.053 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011373.D
Acq: 08 Nov 2022 19:27

Tgt Ion: 75 Resp: 8101
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.003 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.012 min

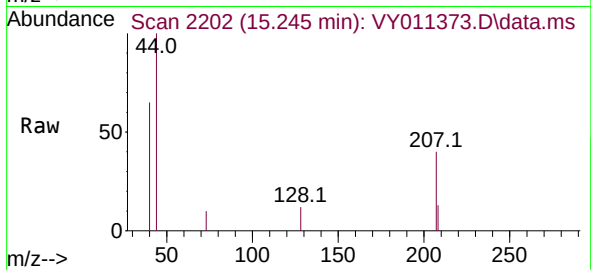
Lab File: VY011373.D

Acq: 08 Nov 2022 19:27

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	27
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

