

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007054.D
 Acq On : 07 Jan 2022 15:41
 Operator : SY/MD
 Sample : N1065-08
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:09:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	129985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	229324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104765	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92646	60.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.760%
35) Dibromofluoromethane	7.722	113	80825	50.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.380%
50) Toluene-d8	10.185	98	298994	49.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.483	95	111724	49.583	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.160%

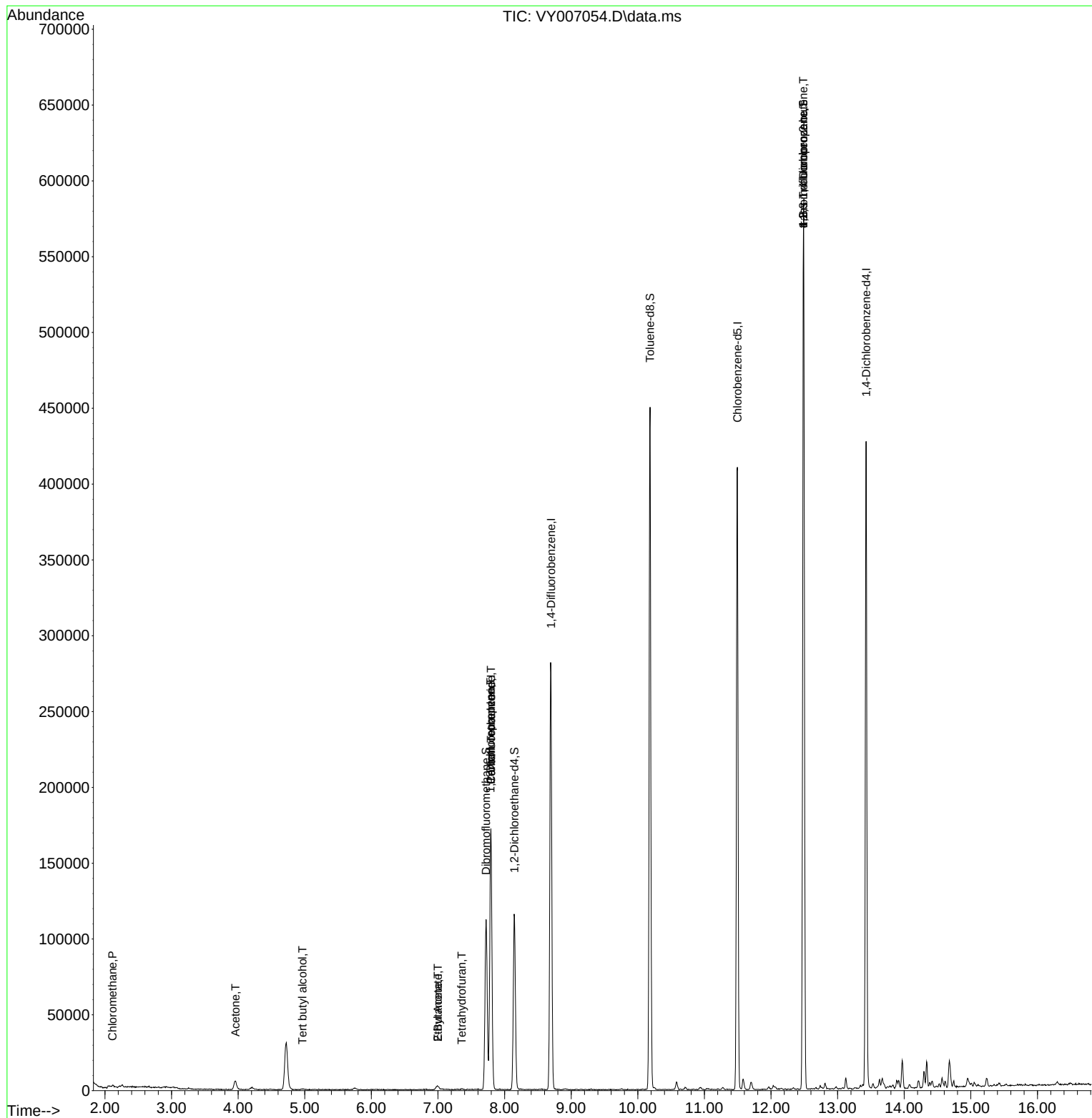
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	1073	1.226	ug/l	97
11) Tert butyl alcohol	4.966	59	742	5.363	ug/l #	71
16) Acetone	3.960	43	10814	31.990	ug/l #	87
25) 2-Butanone	6.996	43	2214	4.549	ug/l	98
29) Tetrahydrofuran	7.356	42	420	1.162	ug/l #	40
36) 1,1-Dichloropropene	7.789	75	10617	3.956	ug/l #	50
37) Ethyl Acetate	6.996	43	2214	1.608	ug/l #	66
38) Carbon Tetrachloride	7.795	117	13874	4.942	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	61050	46.263	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61050	84.497	ug/l #	4

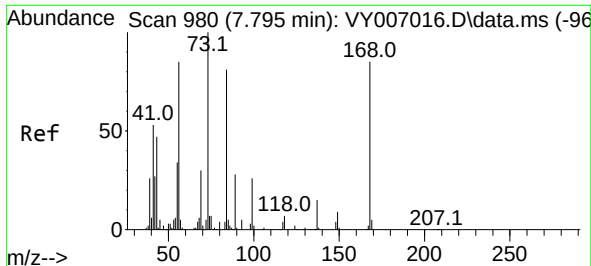
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
Data File : VY007054.D
Acq On : 07 Jan 2022 15:41
Operator : SY/MD
Sample : N1065-08
Misc : 4.75g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 08 04:09:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:51:57 2022
Response via : Initial Calibration

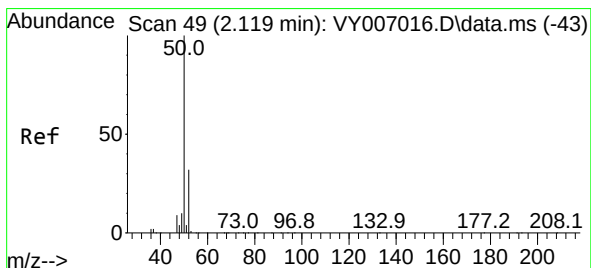
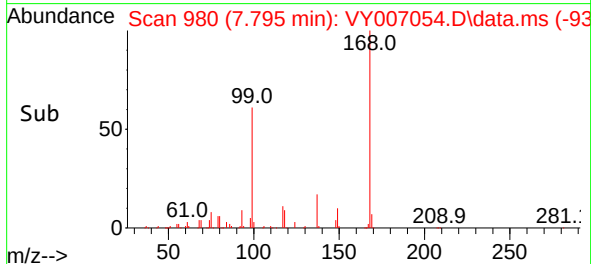
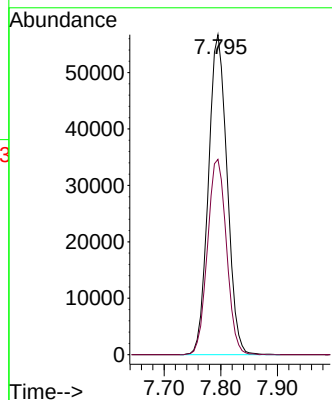
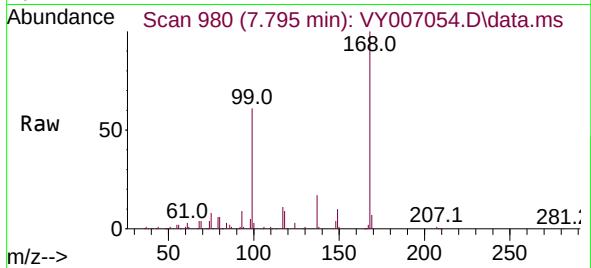




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

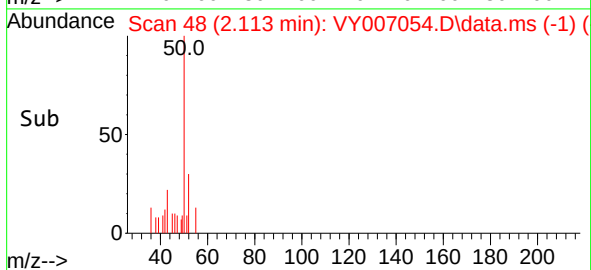
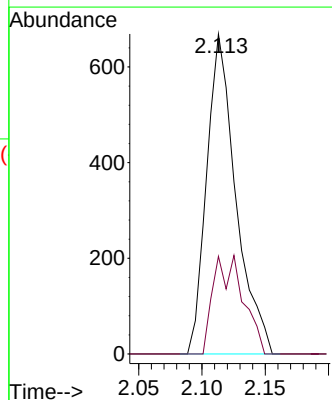
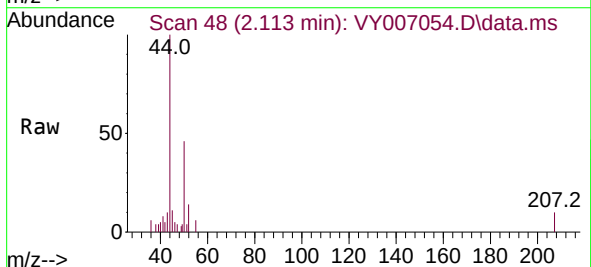
Instrument :
MSVOA_Y
ClientSampleId :

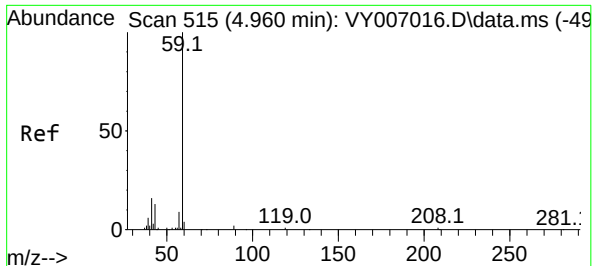
Tgt Ion:168 Resp: 129985
Ion Ratio Lower Upper
168 100
99 61.1 48.9 73.3



#3
Chloromethane
Concen: 1.226 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

Tgt Ion: 50 Resp: 1073
Ion Ratio Lower Upper
50 100
52 30.5 25.8 38.8





#11

Tert butyl alcohol

Concen: 5.363 ug/l

RT: 4.966 min Scan# 515

Delta R.T. 0.006 min

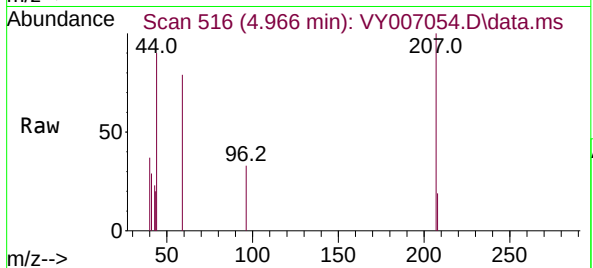
Lab File: VY007054.D

Acq: 07 Jan 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

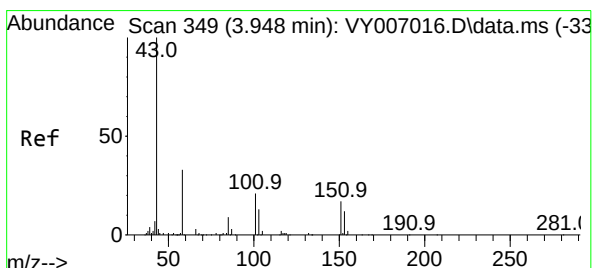
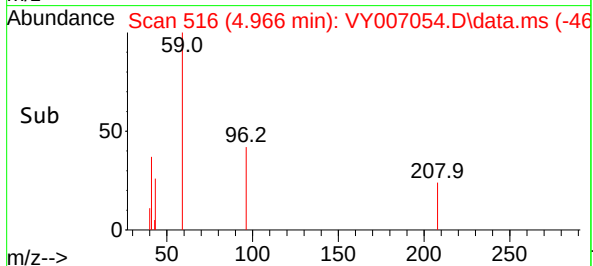
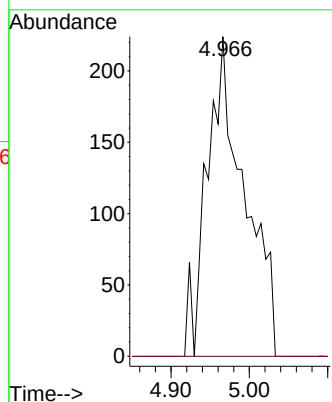


Tgt Ion: 59 Resp: 742

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 31.990 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY007054.D

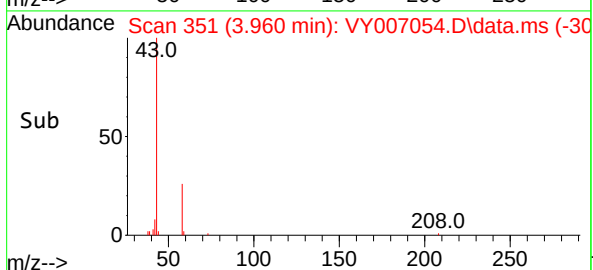
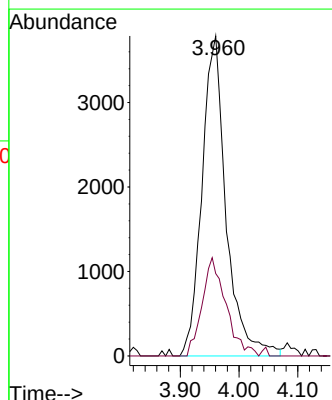
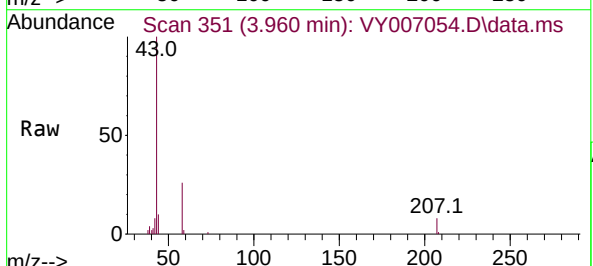
Acq: 07 Jan 2022 15:41

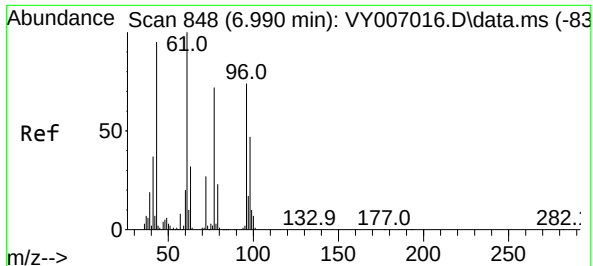
Tgt Ion: 43 Resp: 10814

Ion Ratio Lower Upper

43 100

58 25.7 26.3 39.5#





#25

2-Butanone

Concen: 4.549 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

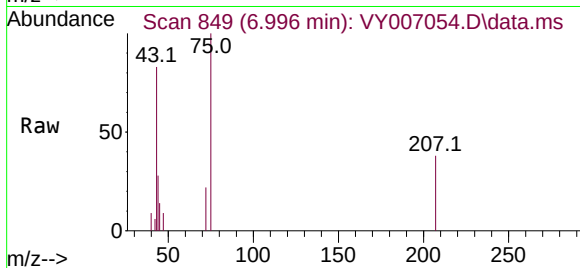
Lab File: VY007054.D

Acq: 07 Jan 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

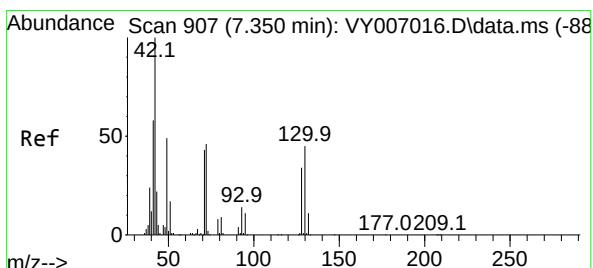
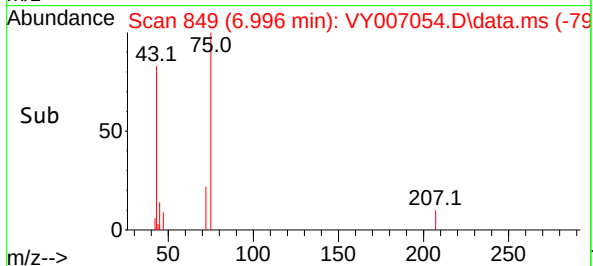
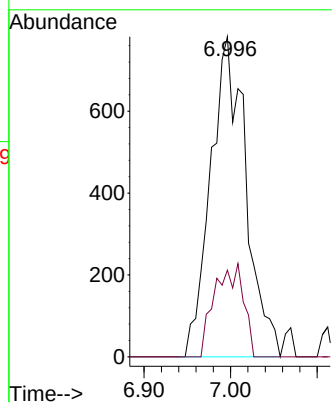


Tgt Ion: 43 Resp: 2214

Ion Ratio Lower Upper

43 100

72 27.1 22.6 34.0



#29

Tetrahydrofuran

Concen: 1.162 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY007054.D

Acq: 07 Jan 2022 15:41

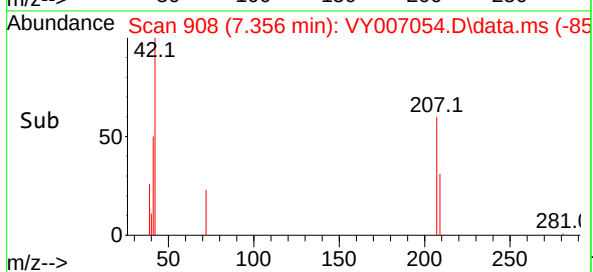
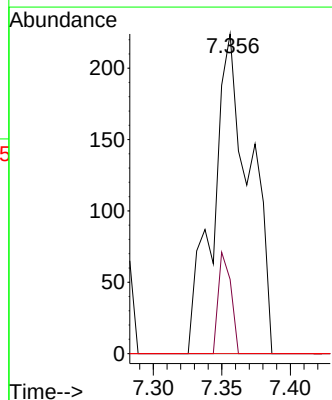
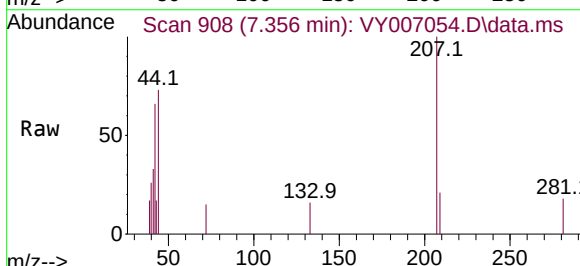
Tgt Ion: 42 Resp: 420

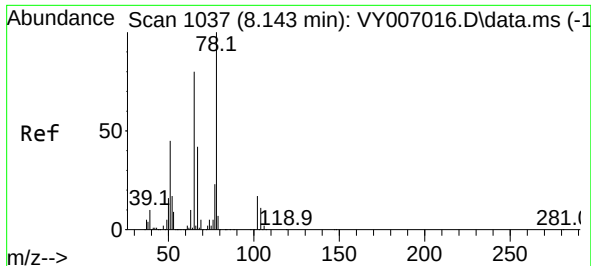
Ion Ratio Lower Upper

42 100

72 10.7 37.1 55.7#

71 0.0 34.6 52.0#





#33

1,2-Dichloroethane-d4

Concen: 60.381 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY007054.D

Acq: 07 Jan 2022 15:41

Instrument :

MSVOA_Y

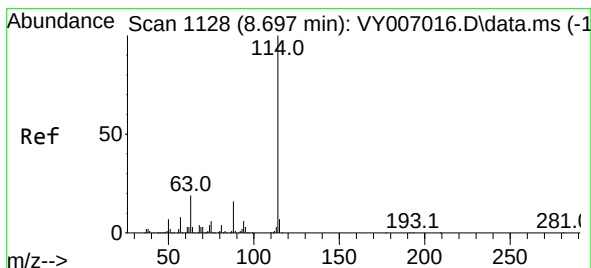
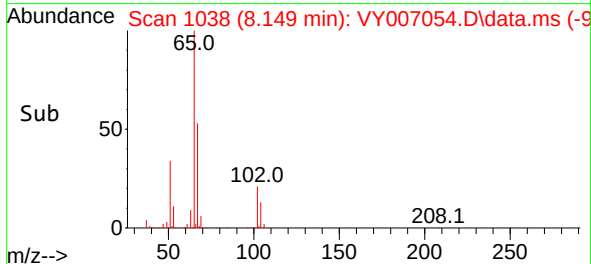
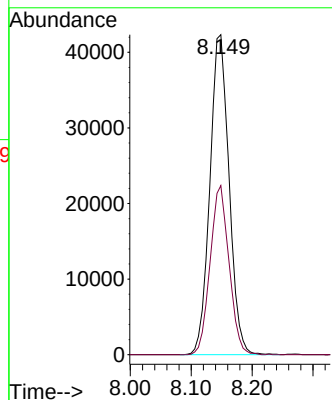
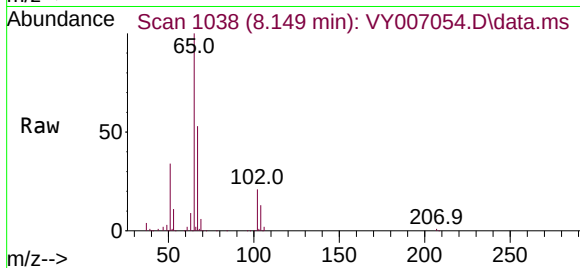
ClientSampleId :

Tgt Ion: 65 Resp: 92646

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007054.D

Acq: 07 Jan 2022 15:41

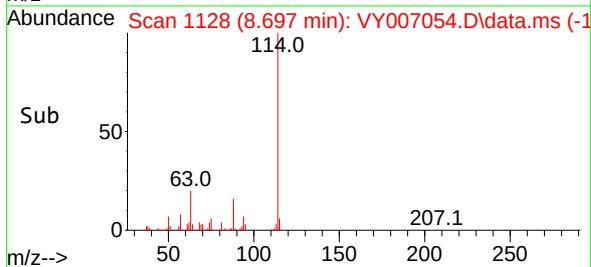
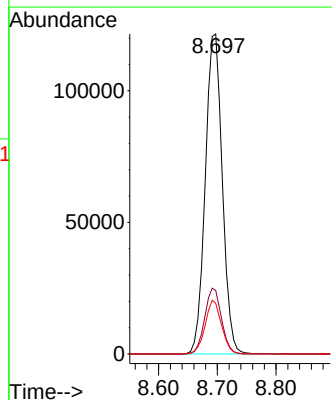
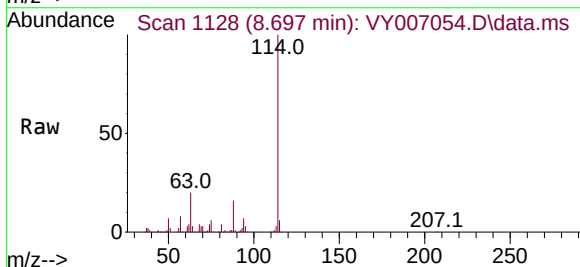
Tgt Ion:114 Resp: 244972

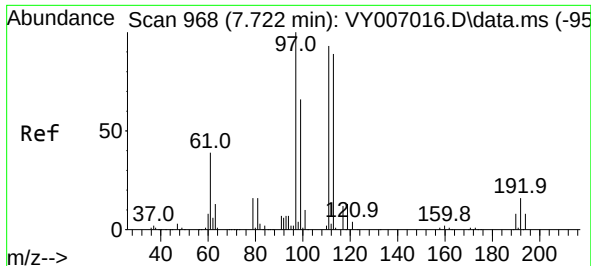
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

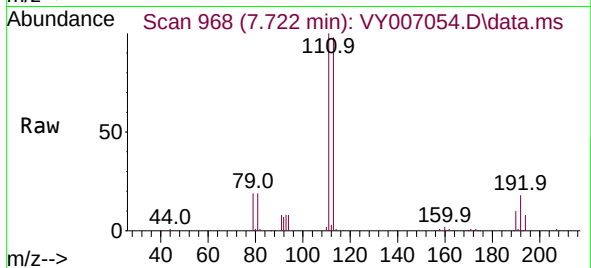
88 15.8 0.0 31.8



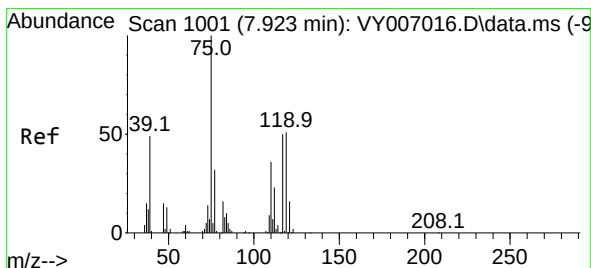
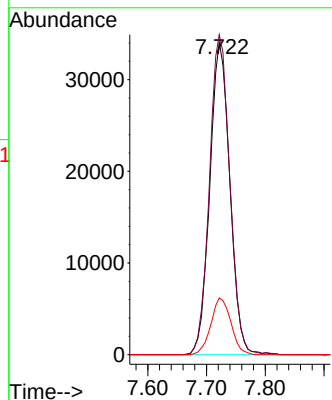
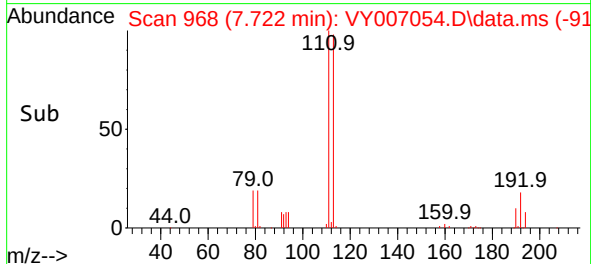


#35
Dibromofluoromethane
Concen: 50.192 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

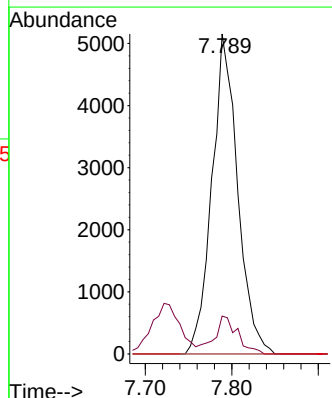
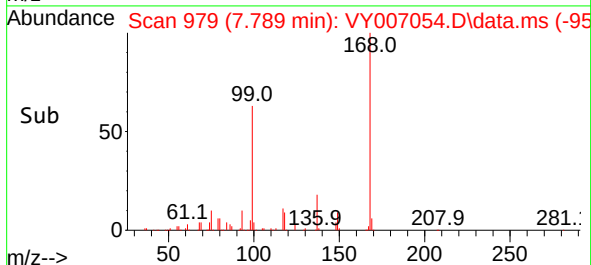
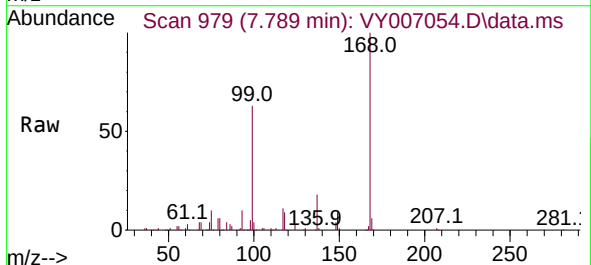


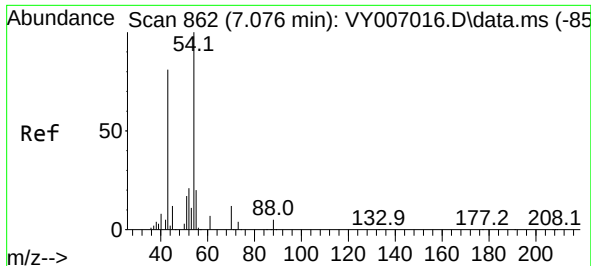
Tgt Ion:113 Resp: 80825
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 18.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 3.956 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

Tgt Ion: 75 Resp: 10617
Ion Ratio Lower Upper
75 100
110 10.2 18.0 54.0#
77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.608 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.079 min

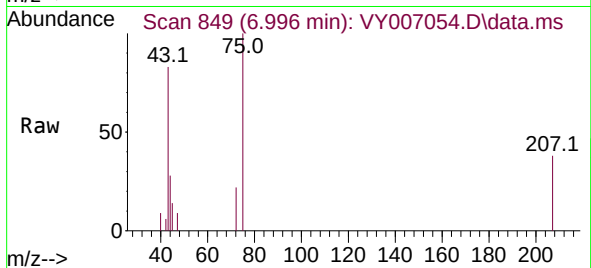
Lab File: VY007054.D

Acq: 07 Jan 2022 15:41

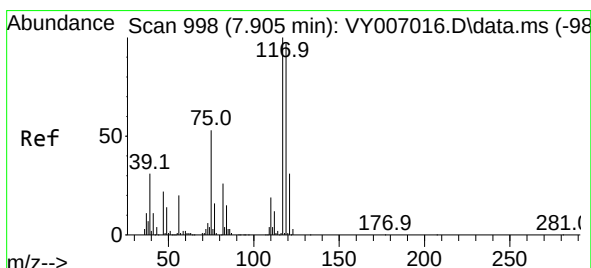
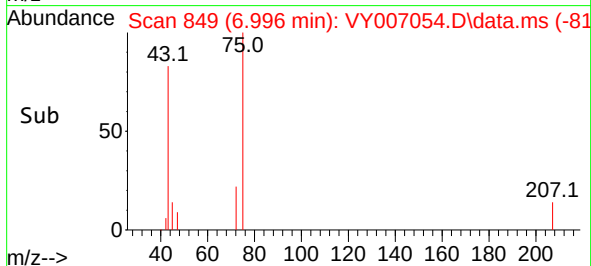
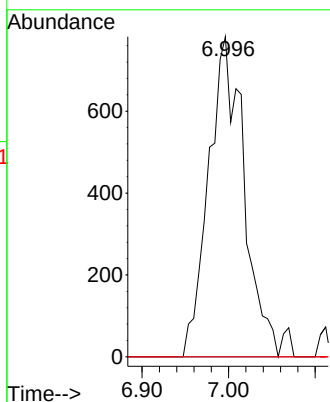
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 2214
Ion Ratio	Lower Upper
43	100
61	0.0 12.2 18.2#
70	0.0 9.4 14.2#



#38

Carbon Tetrachloride

Concen: 4.942 ug/l

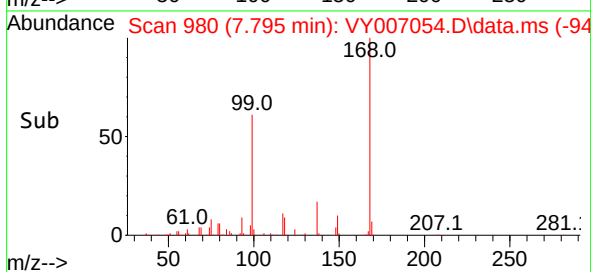
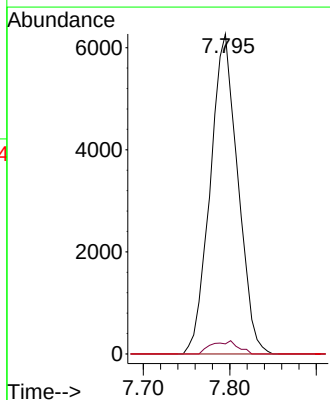
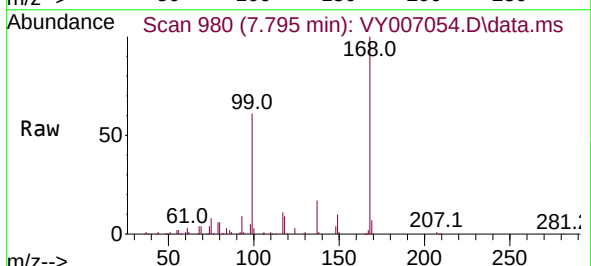
RT: 7.795 min Scan# 980

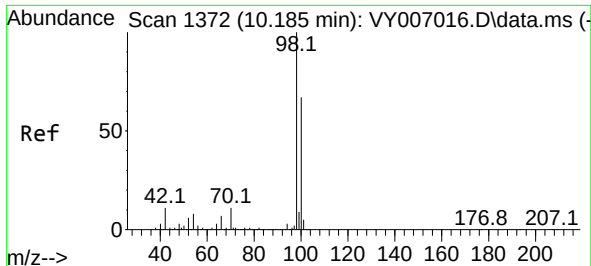
Delta R.T. -0.110 min

Lab File: VY007054.D

Acq: 07 Jan 2022 15:41

Tgt Ion: 117	Resp: 13874
Ion Ratio	Lower Upper
117	100
119	3.2 77.7 116.5#
121	0.0 24.4 36.6#

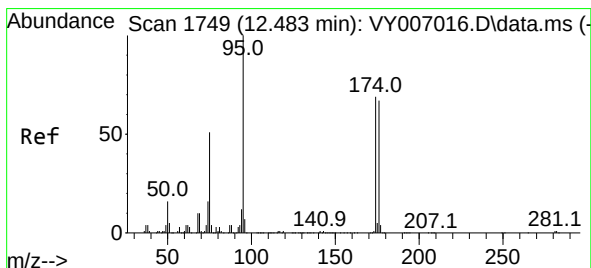
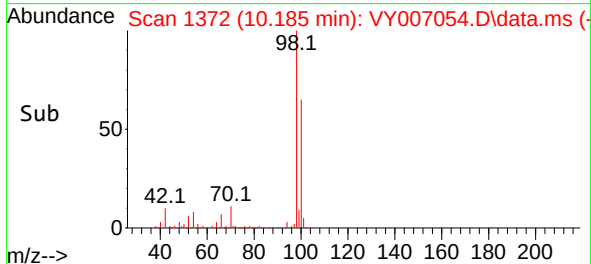
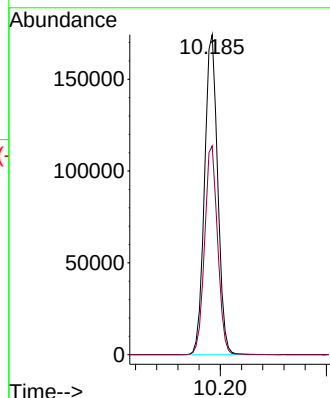
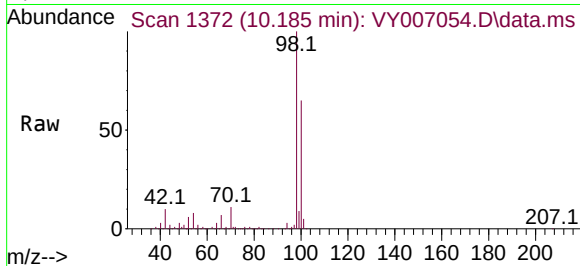




#50
Toluene-d8
Concen: 49.974 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

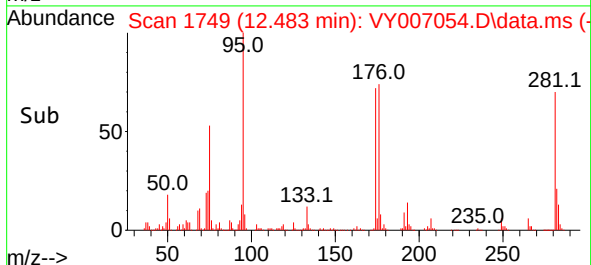
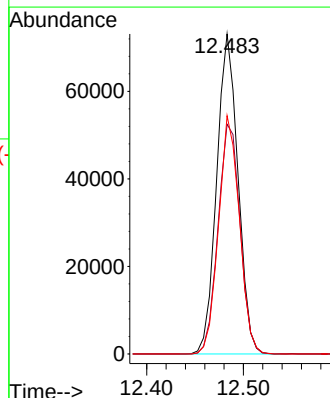
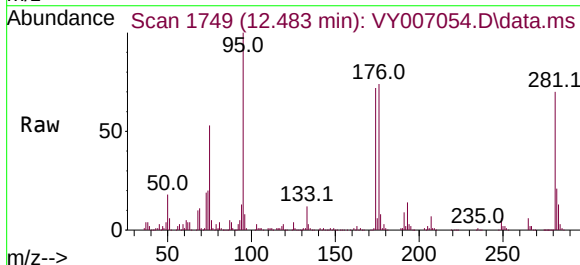
Instrument :
MSVOA_Y
ClientSampleId :

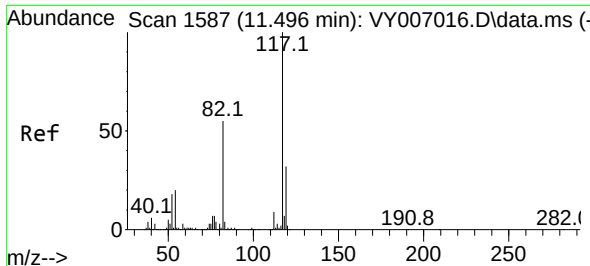
Tgt Ion: 98 Resp: 298994
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.583 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

Tgt Ion: 95 Resp: 111724
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.6
176 72.7 0.0 141.0

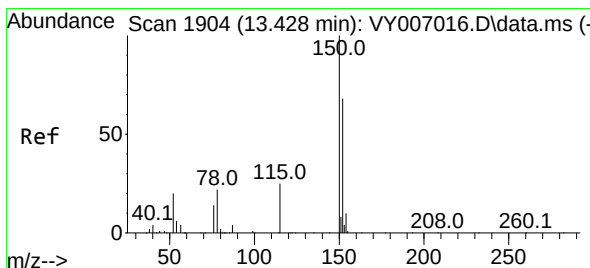
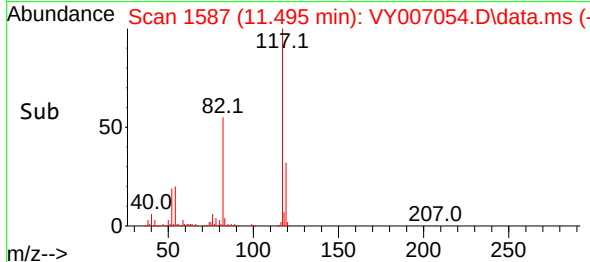
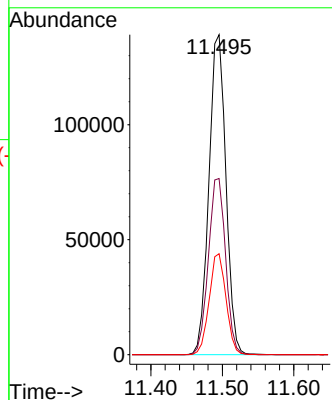
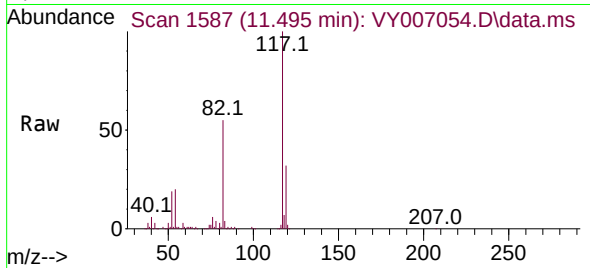




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

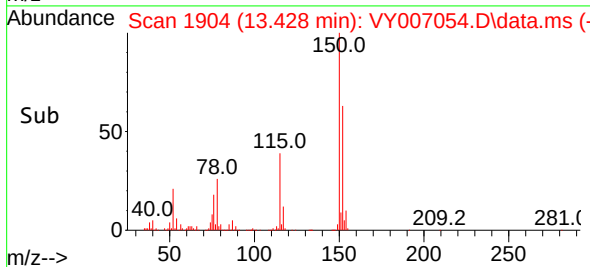
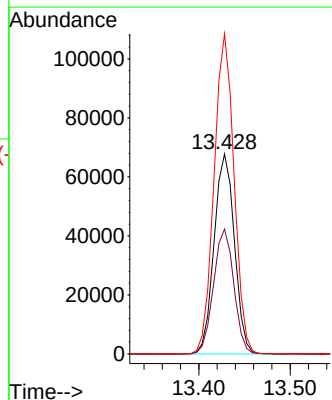
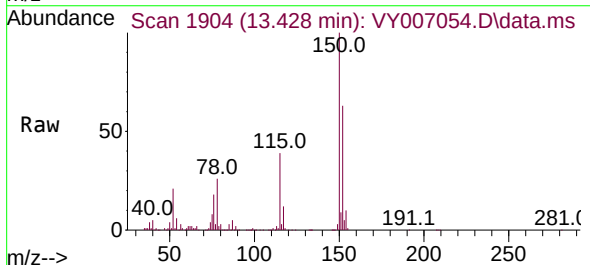
Instrument :
MSVOA_Y
ClientSampleId :

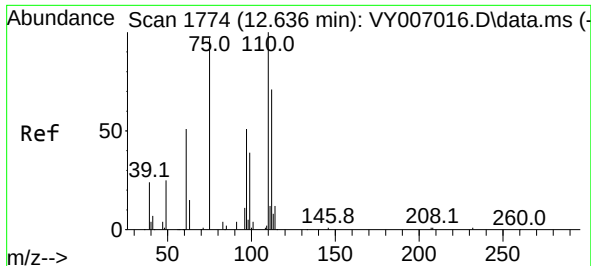
Tgt Ion:117 Resp: 229324
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 31.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

Tgt Ion:152 Resp: 104765
Ion Ratio Lower Upper
152 100
115 62.3 31.9 95.5
150 157.4 0.0 358.0

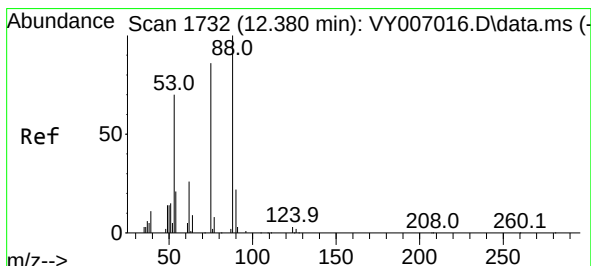
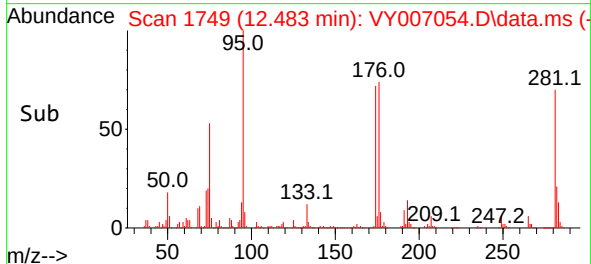
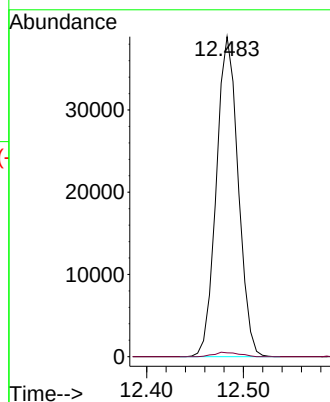
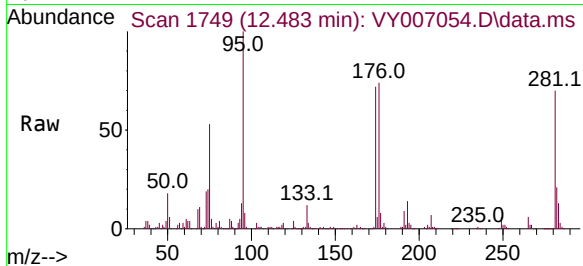




#76
1,2,3-Trichloropropane
Concen: 46.263 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61050
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007054.D
Acq: 07 Jan 2022 15:41

Tgt Ion: 75 Resp: 61050
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 1.8 0.0 0.0#

