

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009586.D
 Acq On : 19 Jul 2022 13:54
 Operator : KP/MD
 Sample : N3716-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Jul 19 15:12:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

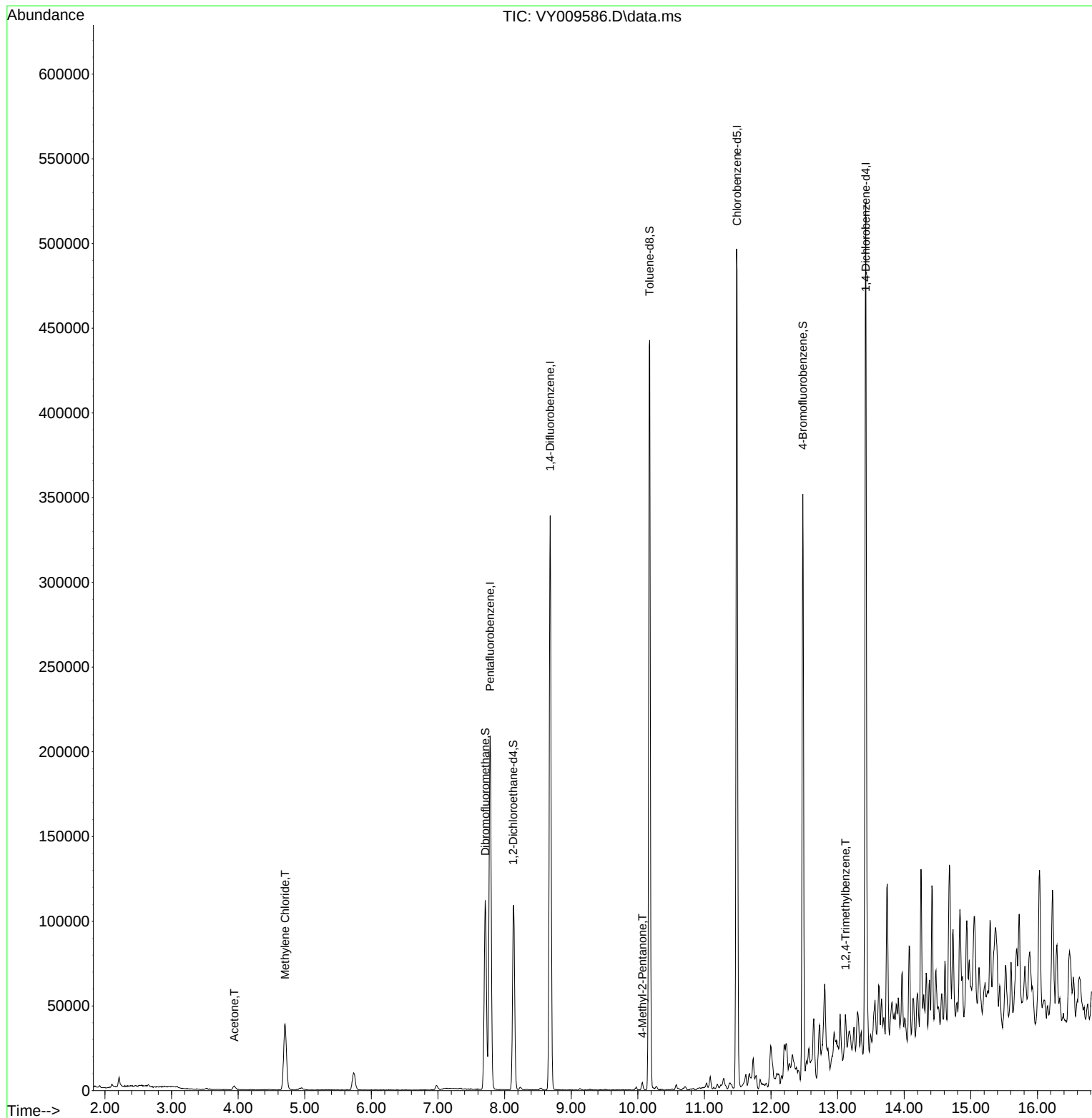
Internal Standards						
1) Pentafluorobenzene	7.783	168	174604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	278721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	83023	50.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.560%
35) Dibromofluoromethane	7.710	113	79499	42.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.780%
50) Toluene-d8	10.179	98	297246	41.719	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.440%
62) 4-Bromofluorobenzene	12.477	95	97762	42.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	84.680%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	4163	9.966	ug/l	98
20) Methylene Chloride	4.704	84	29949	5.475	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	3015	2.079	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	11672	1.538	ug/l	99

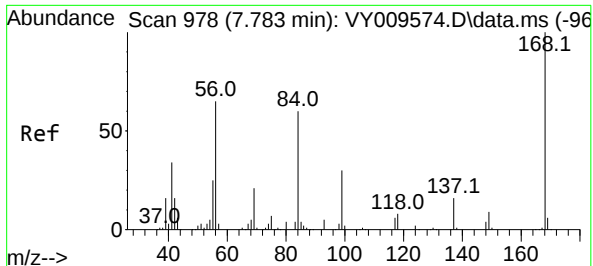
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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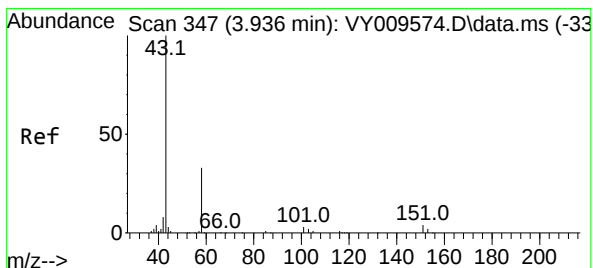
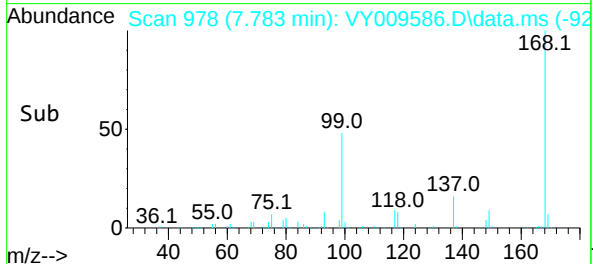
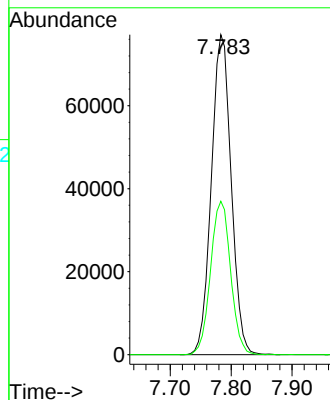
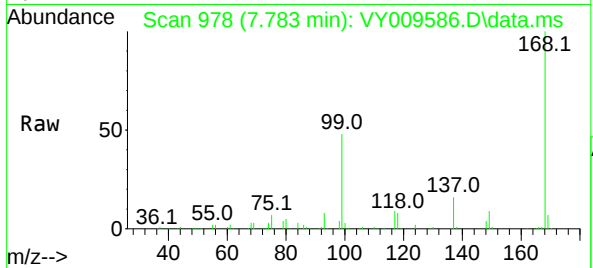




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009586.D
Acq: 19 Jul 2022 13:54

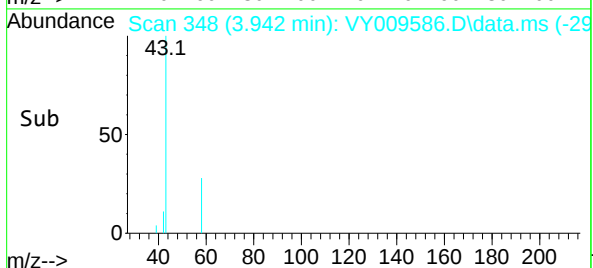
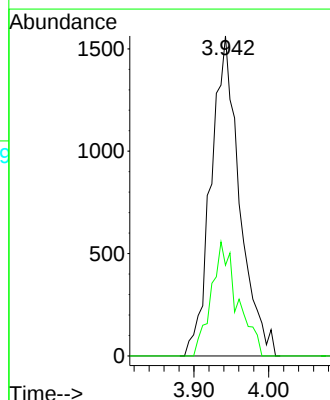
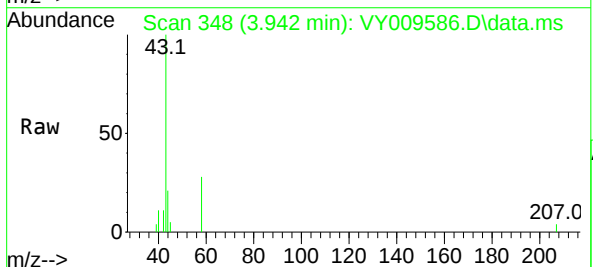
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

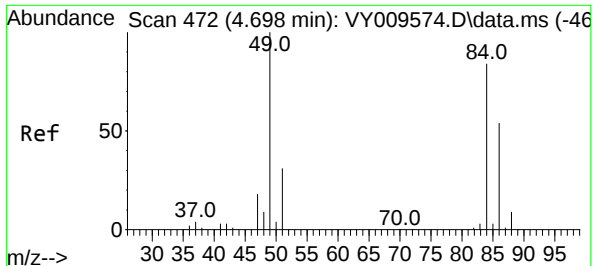
Tgt Ion:168 Resp: 174604
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#16
Acetone
Concen: 9.966 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009586.D
Acq: 19 Jul 2022 13:54

Tgt Ion: 43 Resp: 4163
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0

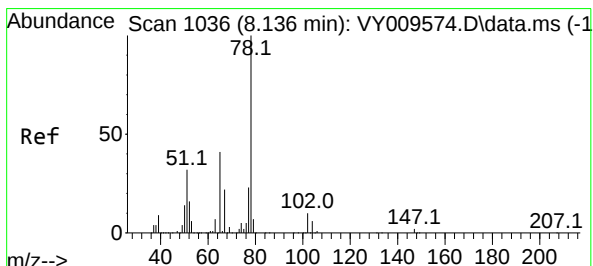
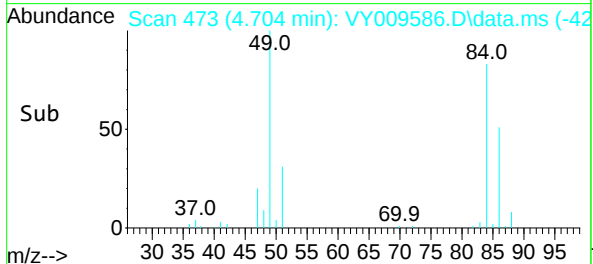
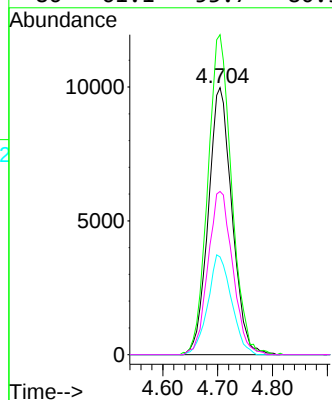
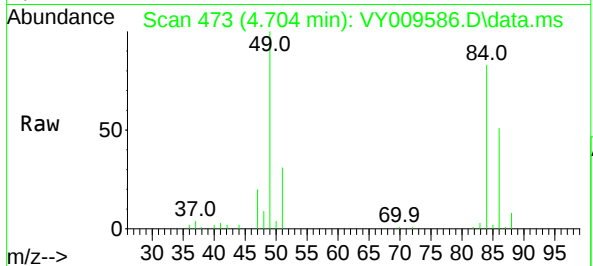




#20
Methylene Chloride
Concen: 5.475 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009586.D
Acq: 19 Jul 2022 13:54

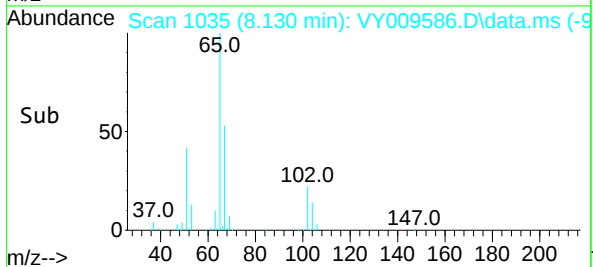
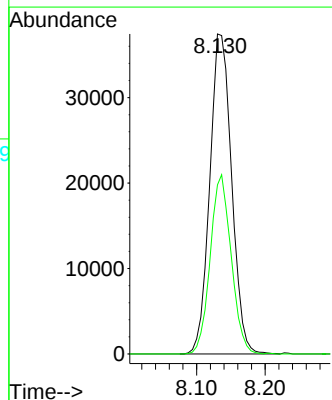
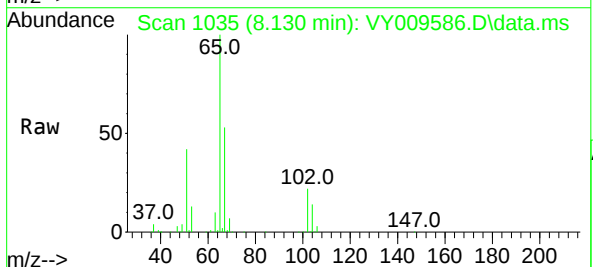
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

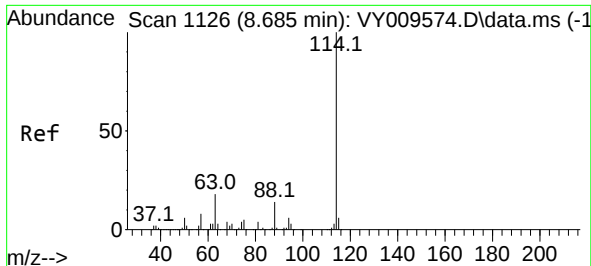
Tgt Ion:	84	Resp:	29949
Ion	Ratio	Lower	Upper
84	100		
49	119.9	114.4	171.6
51	36.6	35.3	52.9
86	61.1	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 50.277 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009586.D
Acq: 19 Jul 2022 13:54

Tgt Ion:	65	Resp:	83023
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009586.D

Acq: 19 Jul 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

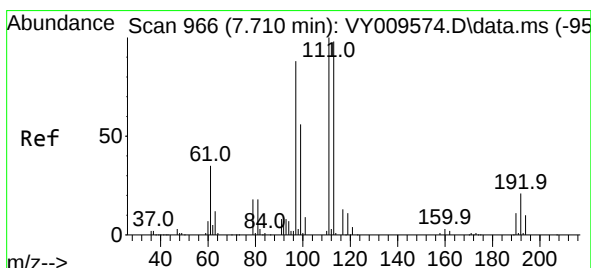
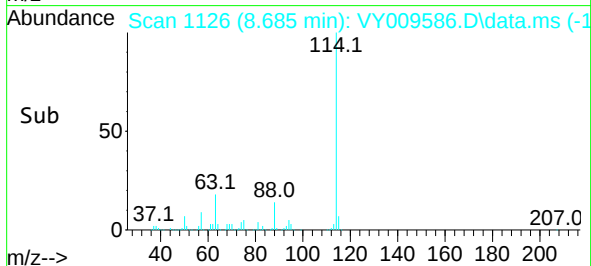
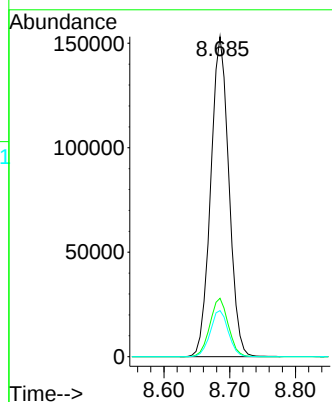
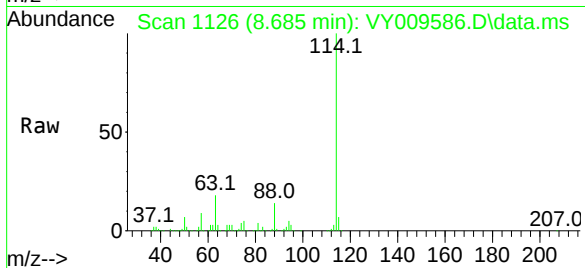
Tgt Ion:114 Resp: 294190

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.894 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009586.D

Acq: 19 Jul 2022 13:54

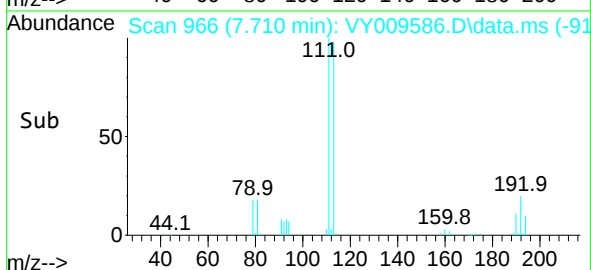
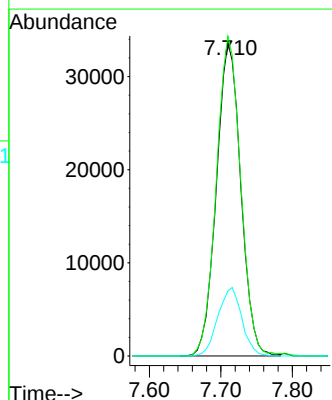
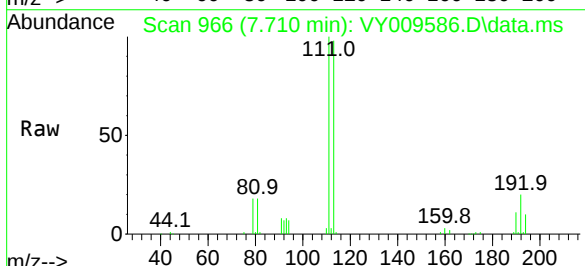
Tgt Ion:113 Resp: 79499

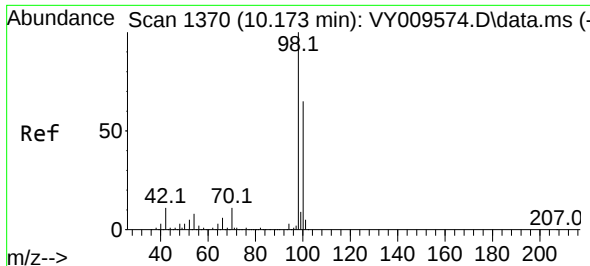
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.5 17.6 26.4

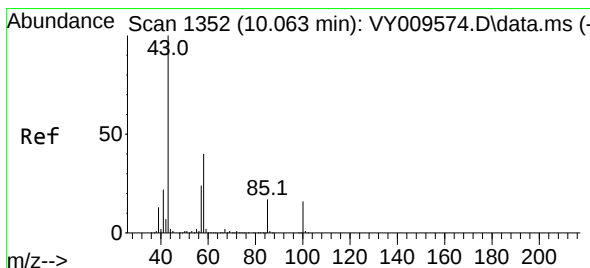
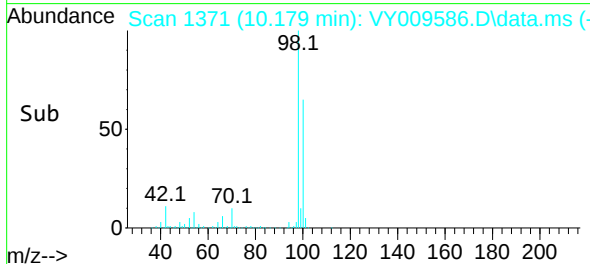
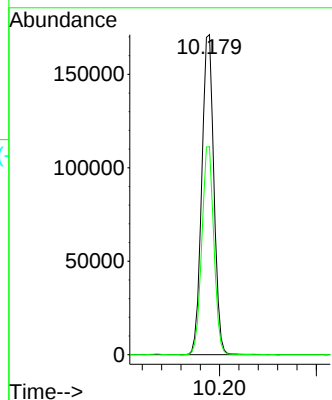
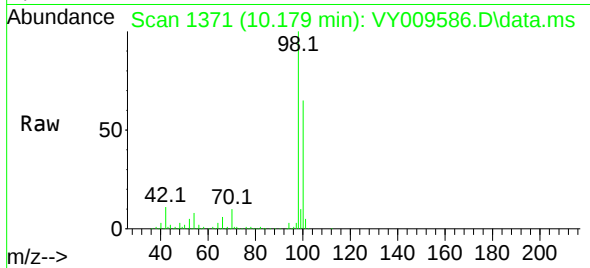




#50
Toluene-d8
Concen: 41.719 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY009586.D
Acq: 19 Jul 2022 13:54

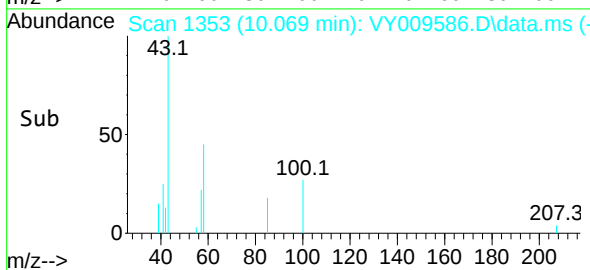
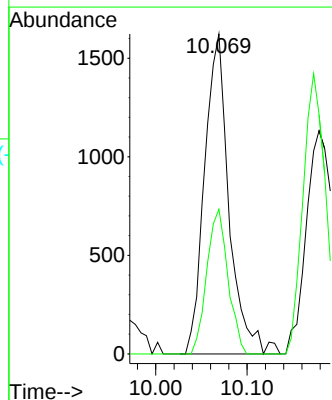
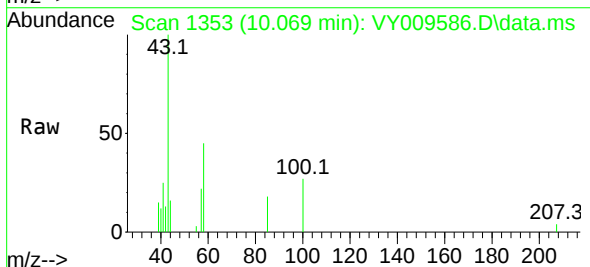
Instrument :
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ClientSampleId :
COMP-1

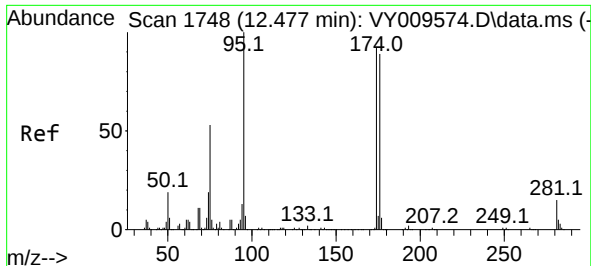
Tgt Ion: 98 Resp: 297246
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 2.079 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY009586.D
Acq: 19 Jul 2022 13:54

Tgt Ion: 43 Resp: 3015
Ion Ratio Lower Upper
43 100
58 39.0 28.1 42.1

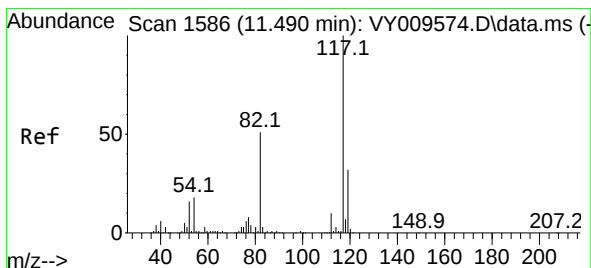
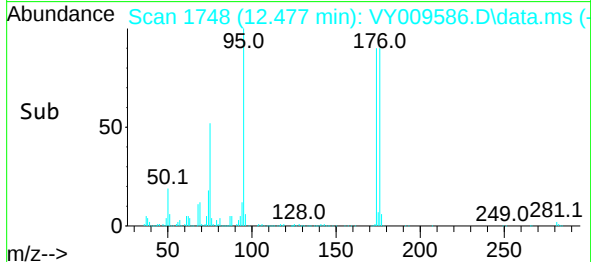
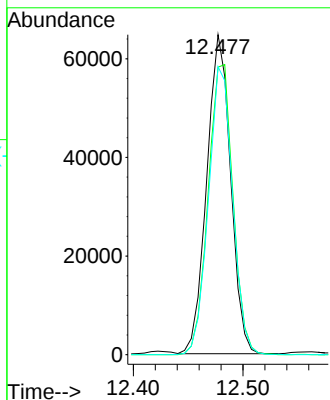
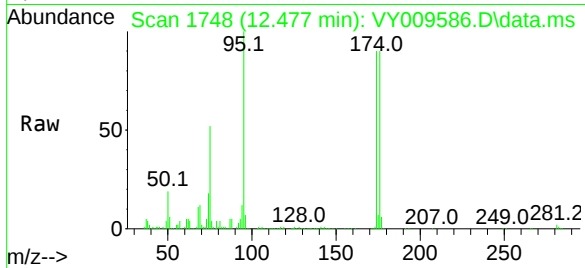




#62
4-Bromofluorobenzene
Concen: 42.345 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009586.D
Acq: 19 Jul 2022 13:54

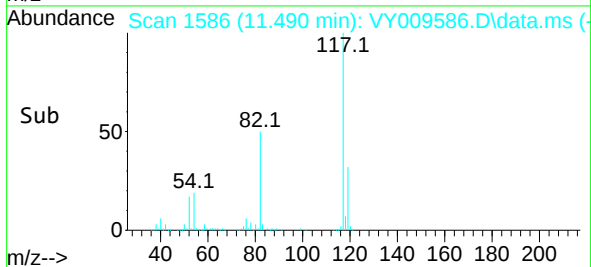
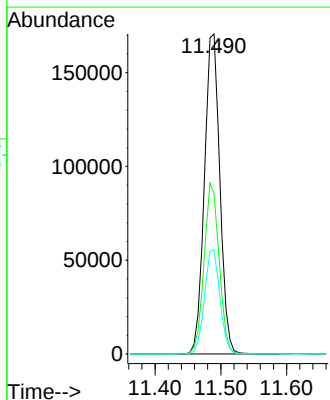
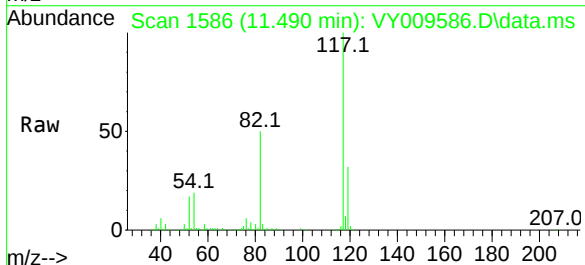
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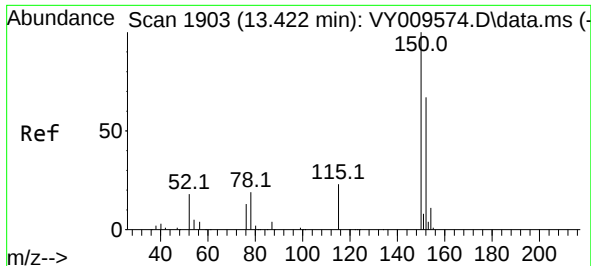
Tgt Ion: 95 Resp: 97762
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 91.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009586.D
Acq: 19 Jul 2022 13:54

Tgt Ion: 117 Resp: 278721
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 32.5 25.4 38.0

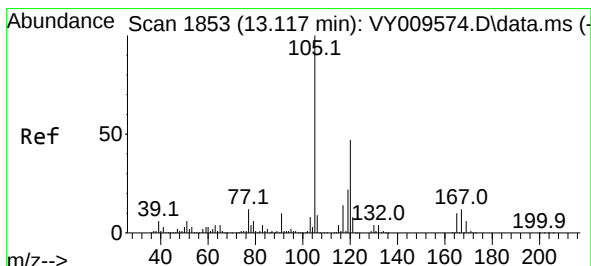
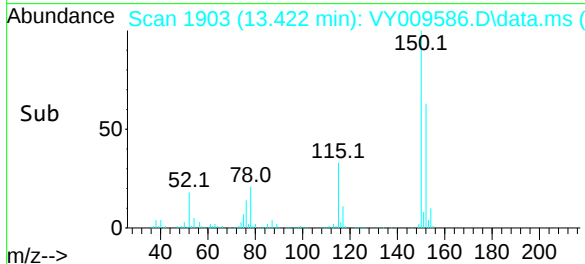
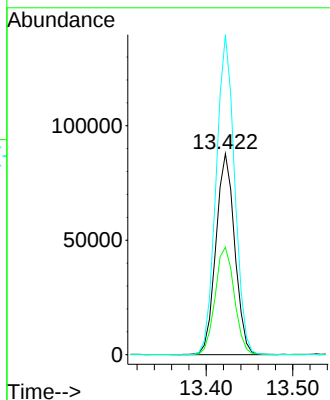
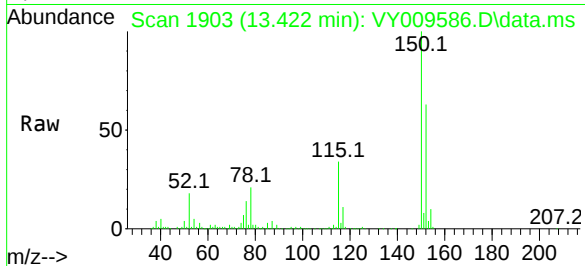




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009586.D
 Acq: 19 Jul 2022 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Tgt Ion:152 Resp: 132639
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 156.2 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.538 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY009586.D
 Acq: 19 Jul 2022 13:54

Tgt Ion:105 Resp: 11672
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.3 66.9

