

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009459.D
 Acq On : 06 Jul 2022 17:15
 Operator : KP/MD
 Sample : N3605-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-2-070622

Quant Time: Jul 07 01:51:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

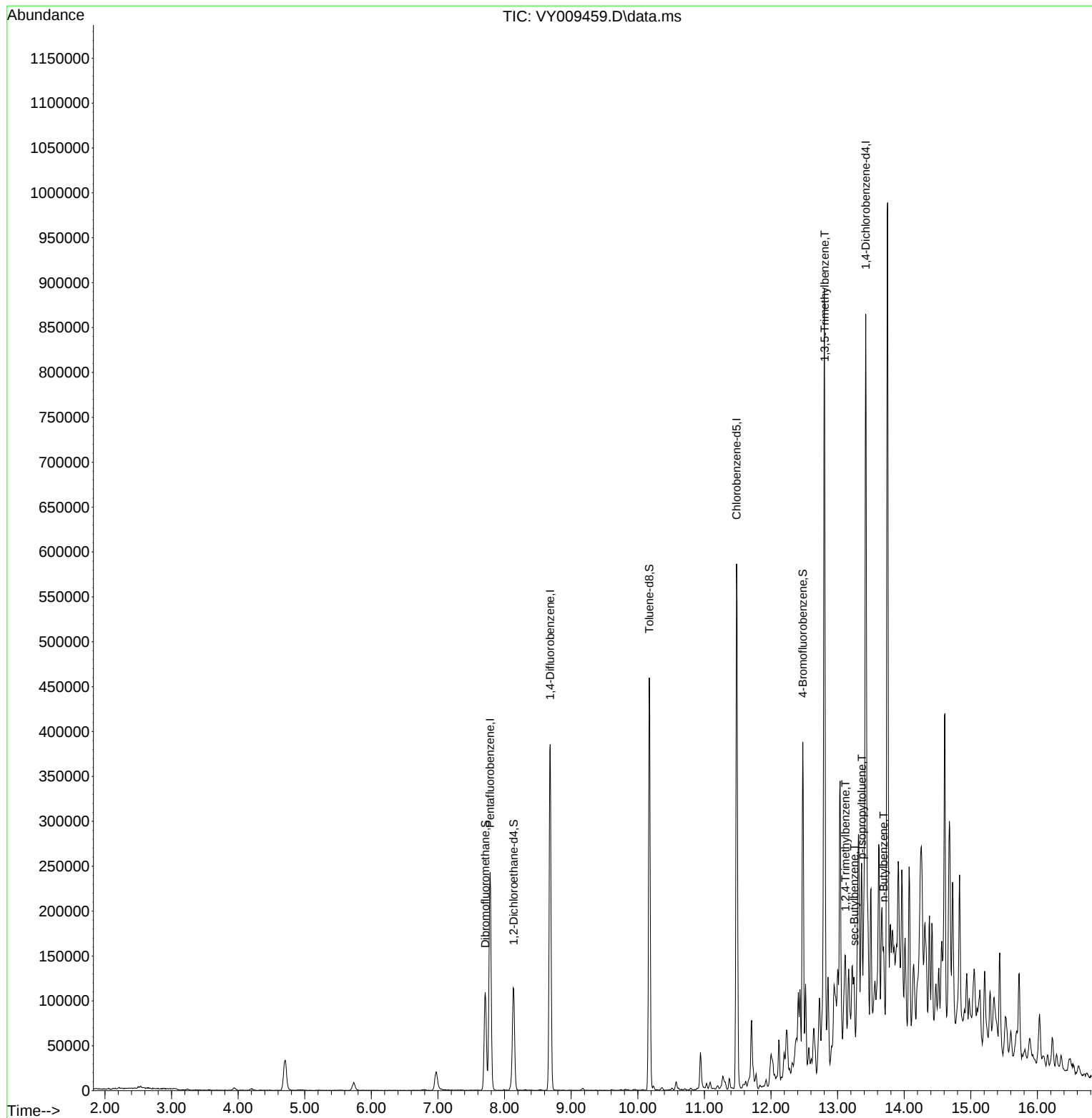
Internal Standards						
1) Pentafluorobenzene	7.783	168	192457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	315467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85476	55.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.900%
35) Dibromofluoromethane	7.710	113	77195	42.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.220%
50) Toluene-d8	10.173	98	292163	52.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.477	95	107346	40.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	81.500%
Target Compounds						
						Qvalue
80) 1,3,5-Trimethylbenzene	12.806	105	32244	3.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	42671	4.411	ug/l	96
85) sec-Butylbenzene	13.251	105	14870	1.154	ug/l #	72
86) p-Isopropyltoluene	13.367	119	11378	1.050	ug/l	96
89) n-Butylbenzene	13.690	91	45764	4.496	ug/l #	75

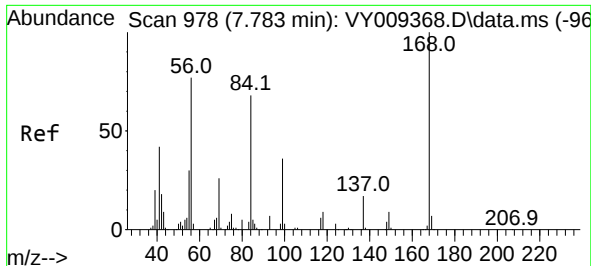
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

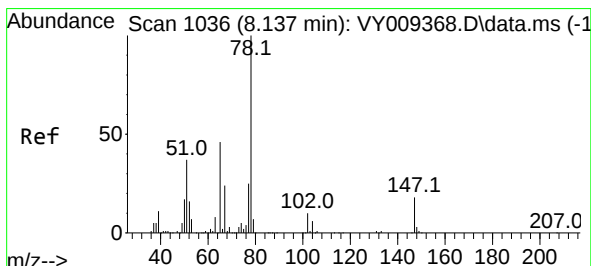
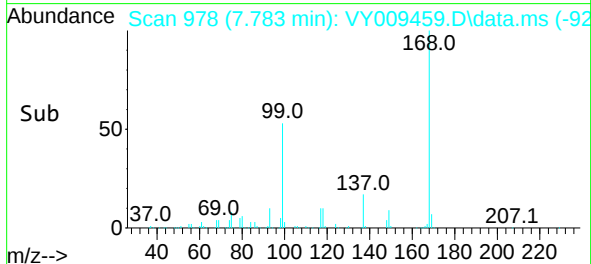
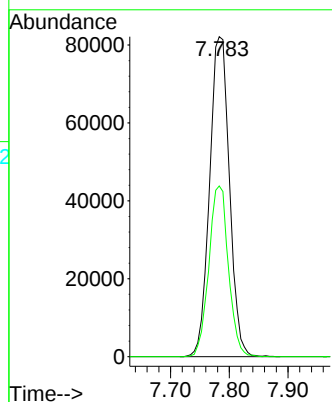
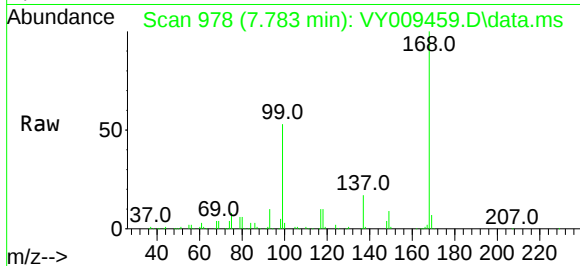




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009459.D
Acq: 06 Jul 2022 17:15

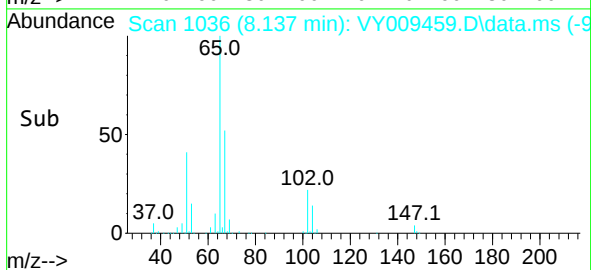
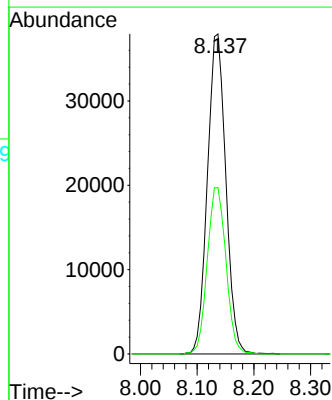
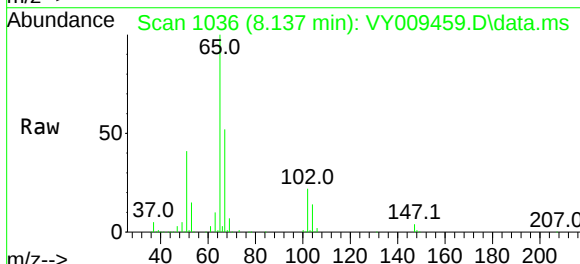
Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

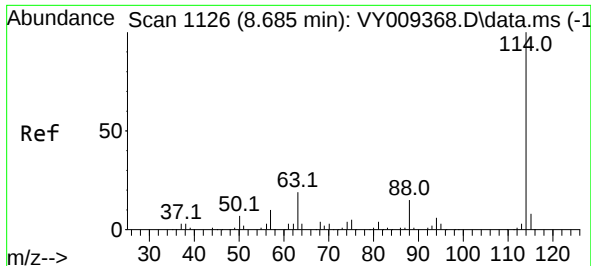
Tgt Ion:168 Resp: 192457
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.450 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009459.D
Acq: 06 Jul 2022 17:15

Tgt Ion: 65 Resp: 85476
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

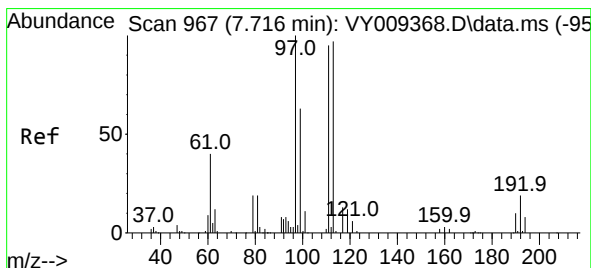
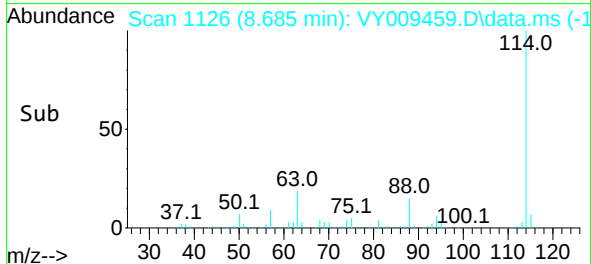
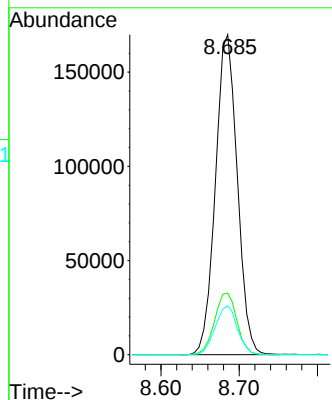
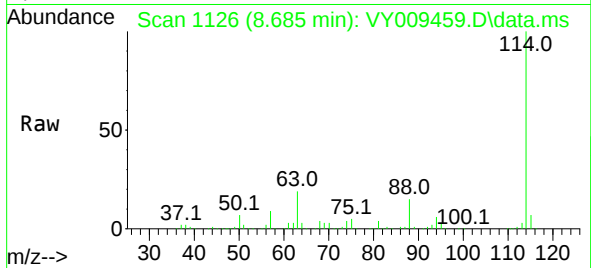




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009459.D
Acq: 06 Jul 2022 17:15

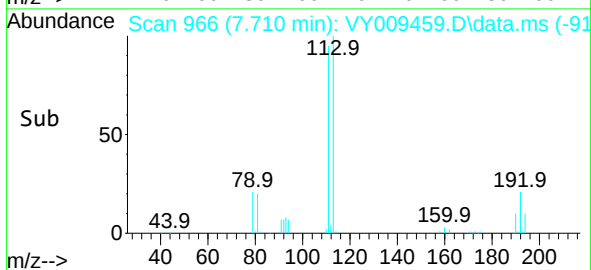
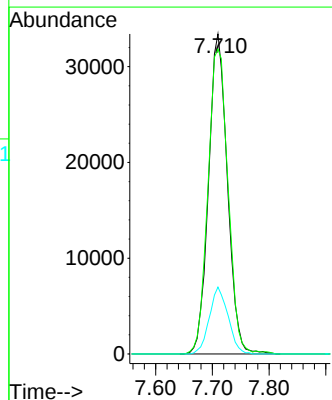
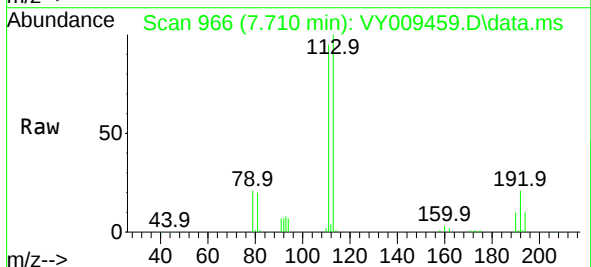
Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

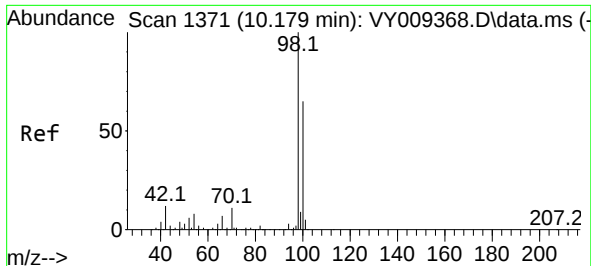
Tgt Ion:114 Resp: 329193
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.607 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009459.D
Acq: 06 Jul 2022 17:15

Tgt Ion:113 Resp: 77195
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 20.8 17.6 26.4

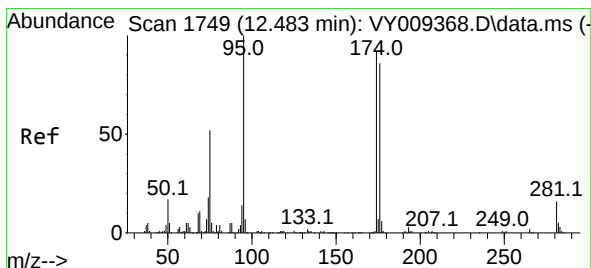
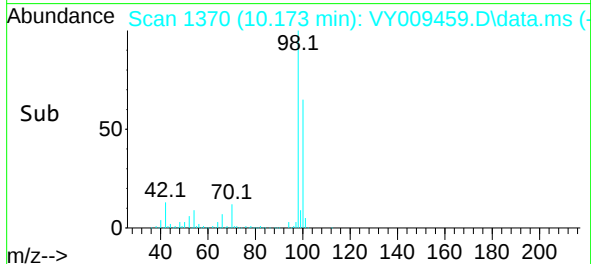
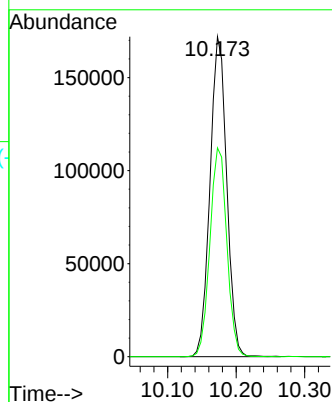
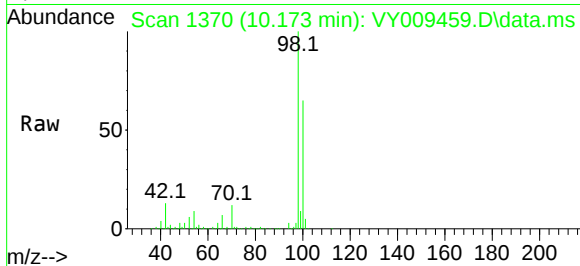




#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009459.D
Acq: 06 Jul 2022 17:15

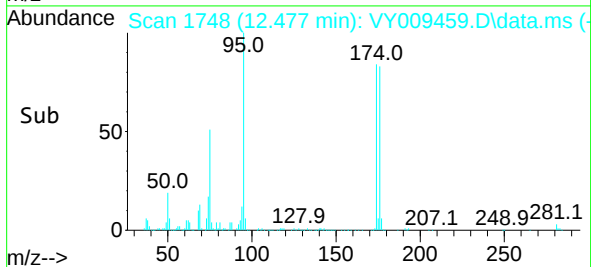
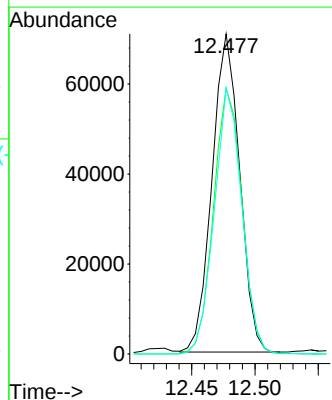
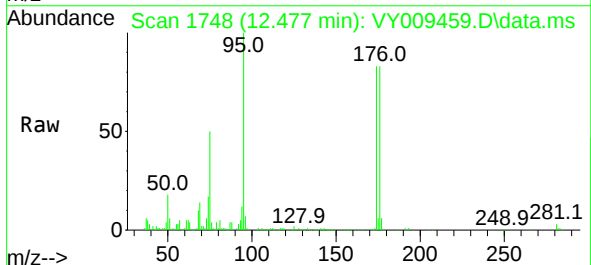
Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

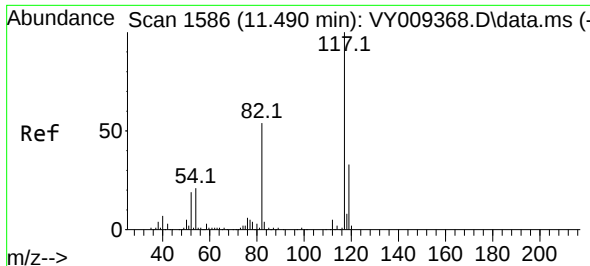
Tgt Ion: 98 Resp: 292163
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.745 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009459.D
Acq: 06 Jul 2022 17:15

Tgt Ion: 95 Resp: 107346
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 83.3 0.0 175.8

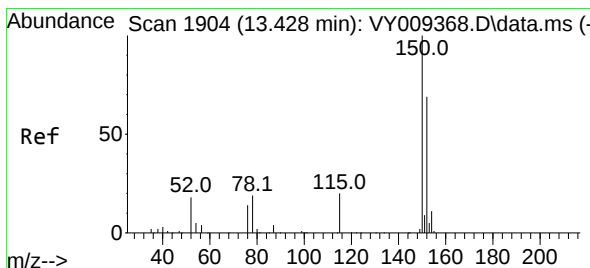
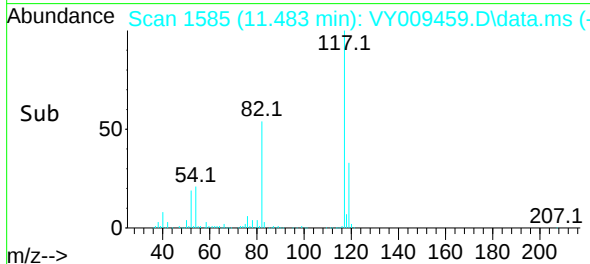
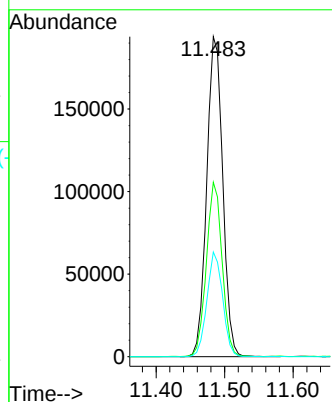
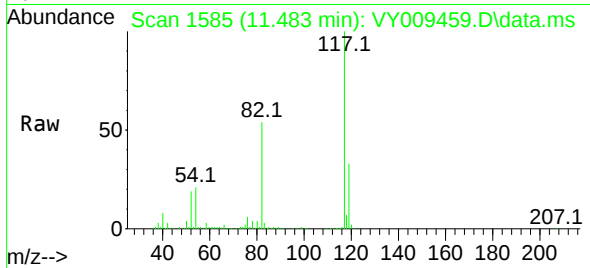




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009459.D
Acq: 06 Jul 2022 17:15

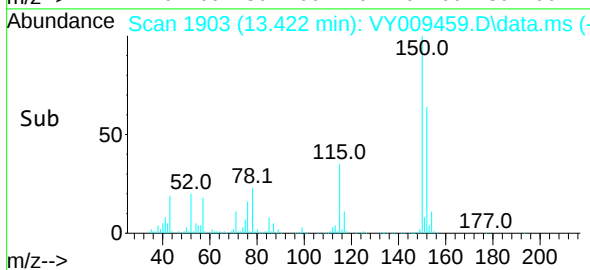
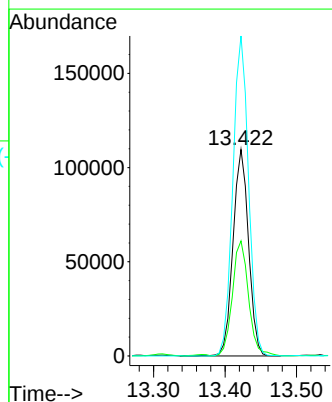
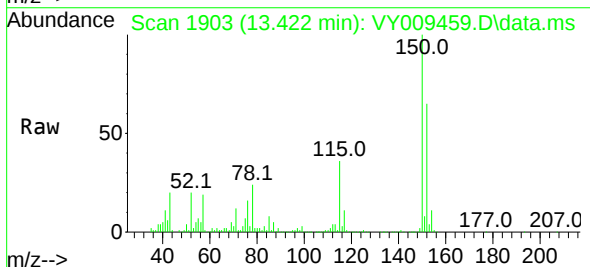
Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

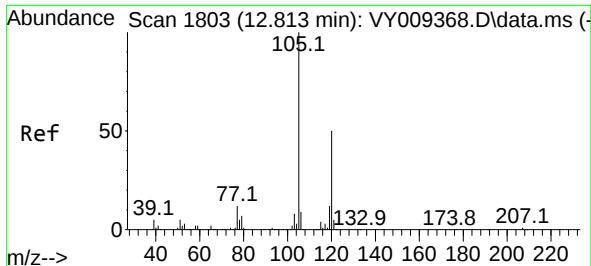
Tgt Ion:117 Resp: 315467
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009459.D
Acq: 06 Jul 2022 17:15

Tgt Ion:152 Resp: 164801
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.3 0.0 347.6

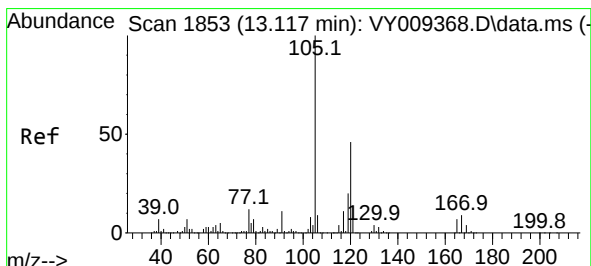
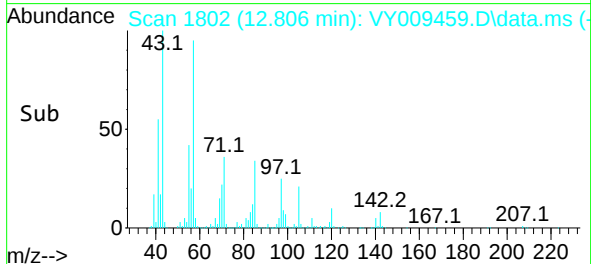
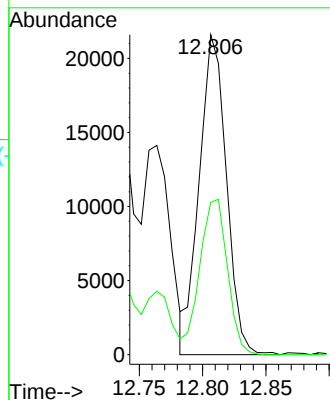
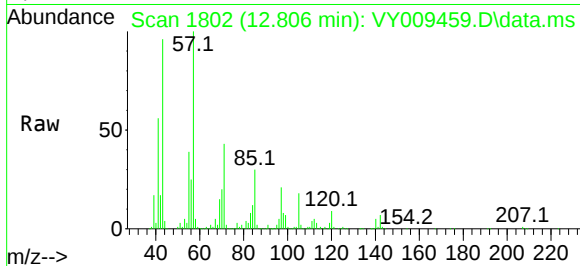




#80
 1,3,5-Trimethylbenzene
 Concen: 3.168 ug/l
 RT: 12.806 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY009459.D
 Acq: 06 Jul 2022 17:15

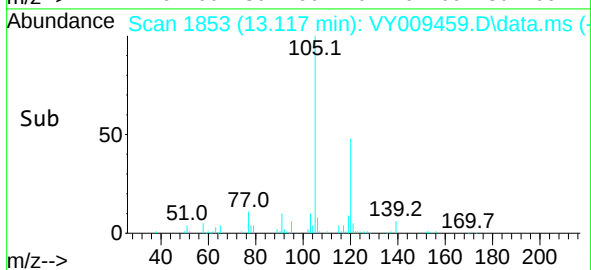
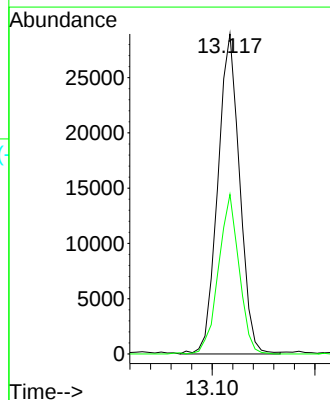
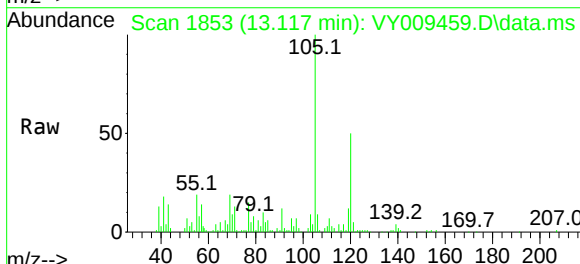
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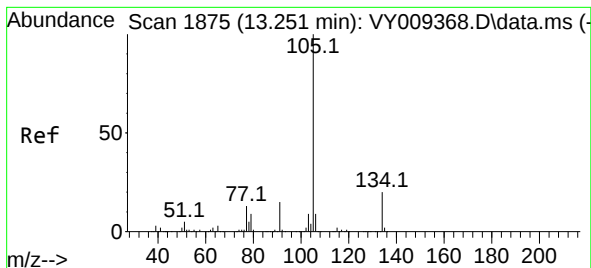
Tgt Ion:105 Resp: 32244
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 4.411 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY009459.D
 Acq: 06 Jul 2022 17:15

Tgt Ion:105 Resp: 42671
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 1.154 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009459.D

Acq: 06 Jul 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

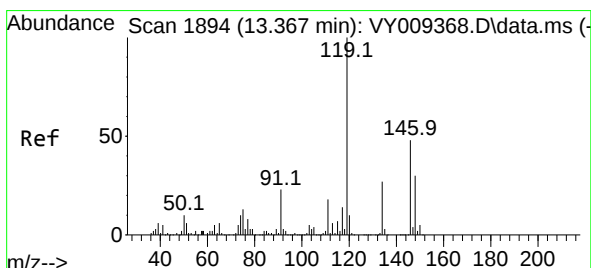
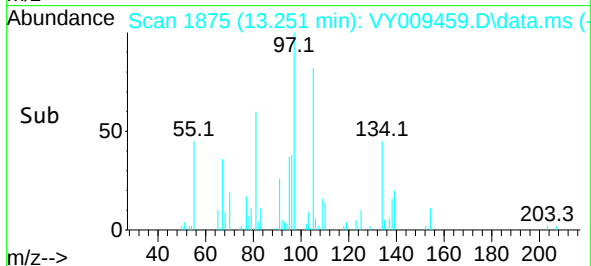
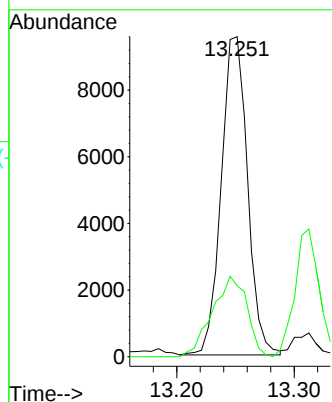
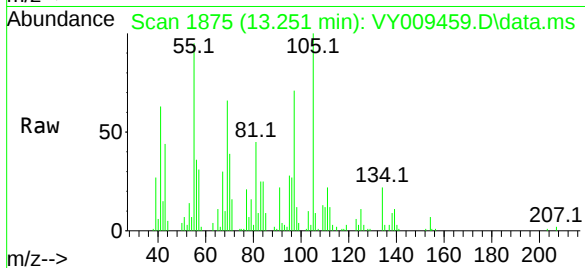
OE-2-070622

Tgt Ion:105 Resp: 14870

Ion Ratio Lower Upper

105 100

134 33.1 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 1.050 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009459.D

Acq: 06 Jul 2022 17:15

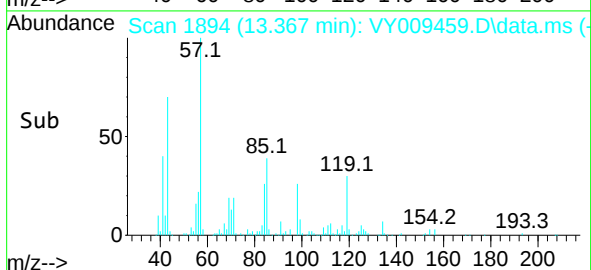
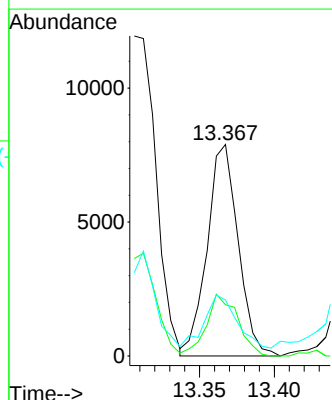
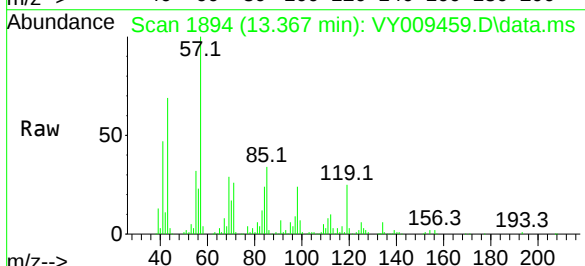
Tgt Ion:119 Resp: 11378

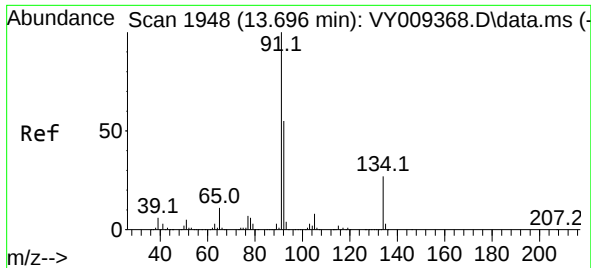
Ion Ratio Lower Upper

119 100

134 29.6 13.2 39.5

91 25.9 12.4 37.2





#89

n-Butylbenzene

Concen: 4.496 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.006 min

Lab File: VY009459.D

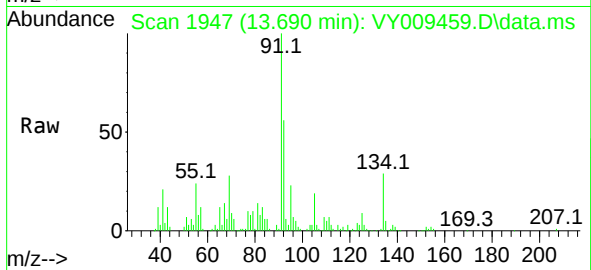
Acq: 06 Jul 2022 17:15

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MSVOA_Y

ClientSampleId :

OE-2-070622



Tgt Ion:	91	Resp:	45764
Ion	Ratio	Lower	Upper
91	100		
92	44.4	26.3	78.9
134	0.0	13.0	38.9#

