

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034366.D
 Acq On : 07 Mar 2023 12:37
 Operator : JC/MD
 Sample : 01825-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HH-TP1-0306

Quant Time: Mar 08 01:01:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

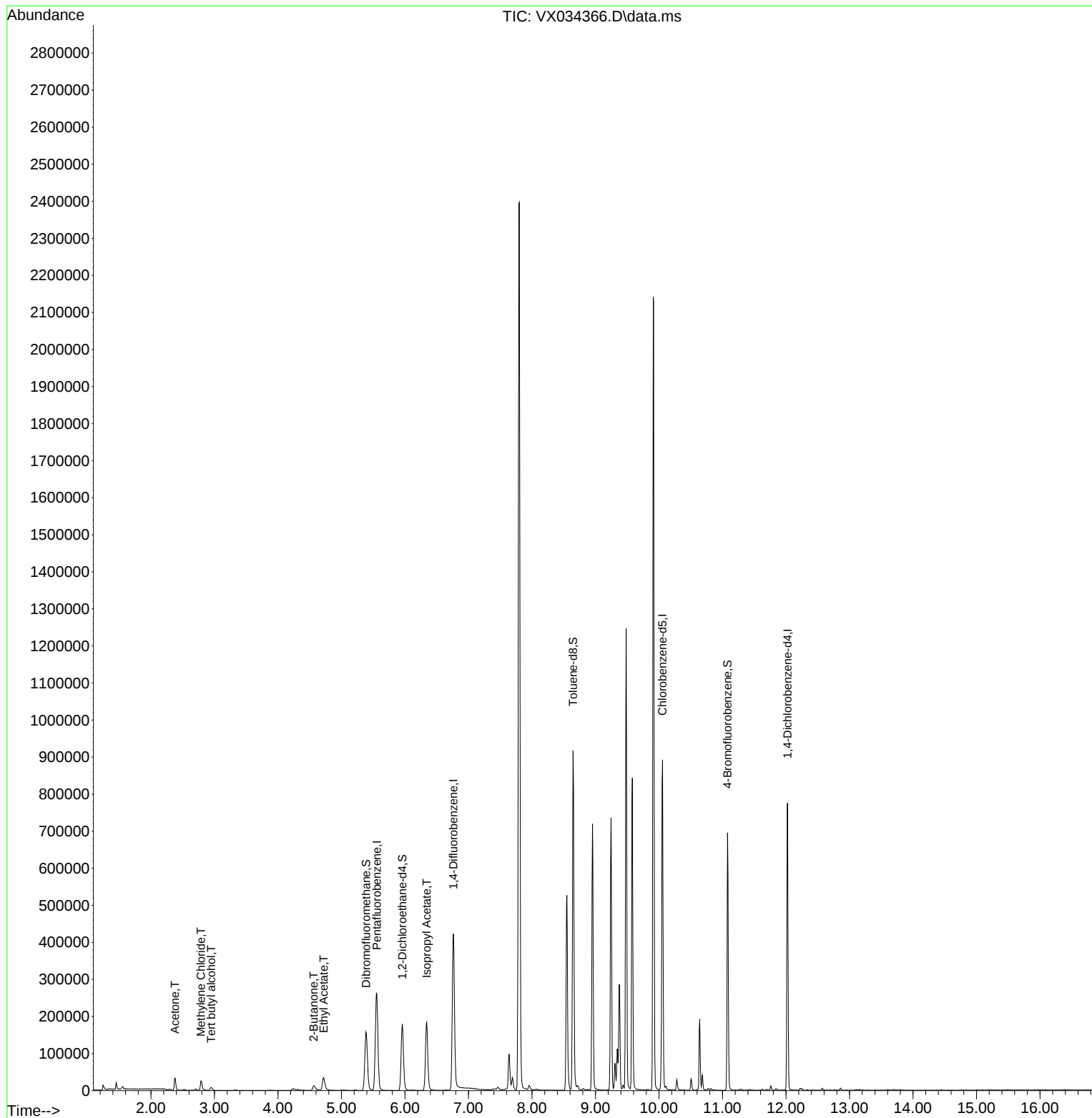
Internal Standards						
1) Pentafluorobenzene	5.556	168	256871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162611	47.005	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.000%
35) Dibromofluoromethane	5.385	113	136559	48.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	8.647	98	531453	52.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.520%
62) 4-Bromofluorobenzene	11.079	95	181261	46.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	7051	9.113	ug/l #	95
16) Acetone	2.380	43	34569	19.371	ug/l	90
20) Methylene Chloride	2.788	84	12151	3.779	ug/l	97
25) 2-Butanone	4.562	43	20953	8.115	ug/l	96
37) Ethyl Acetate	4.721	43	62715	13.396	ug/l	98
43) Isopropyl Acetate	6.342	43	260707	31.557	ug/l	99

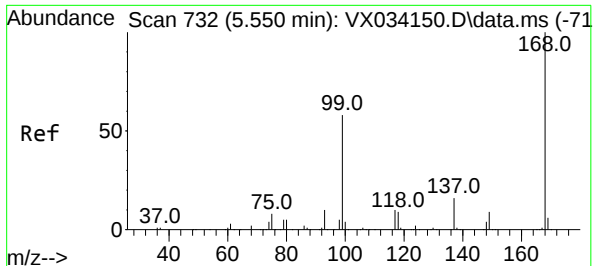
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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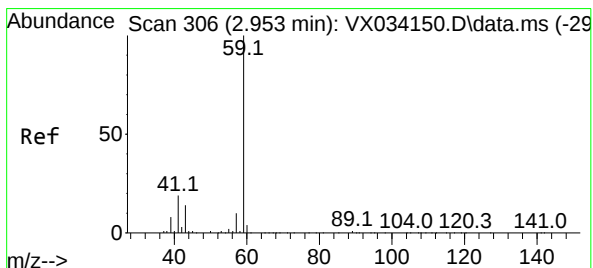
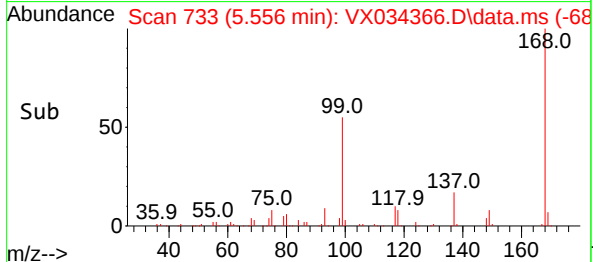
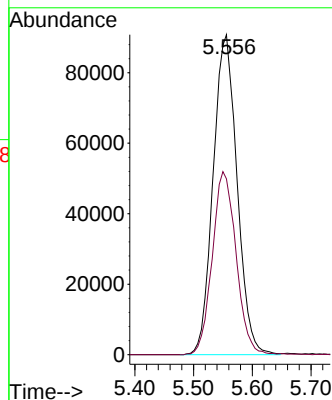
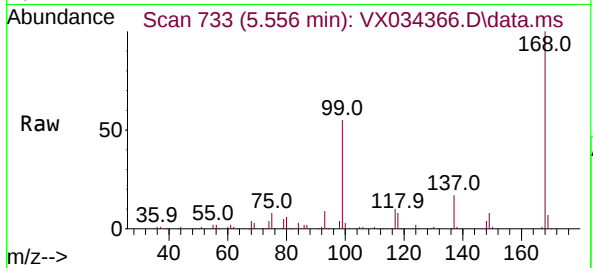




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

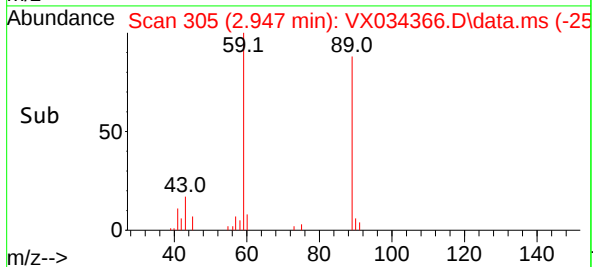
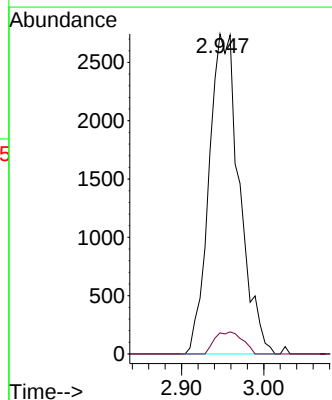
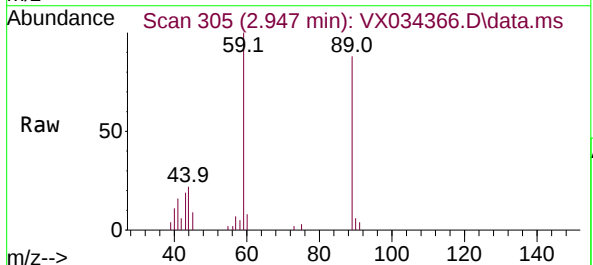
Instrument :
MSVOA_X
ClientSampleId :
HH-TP1-0306

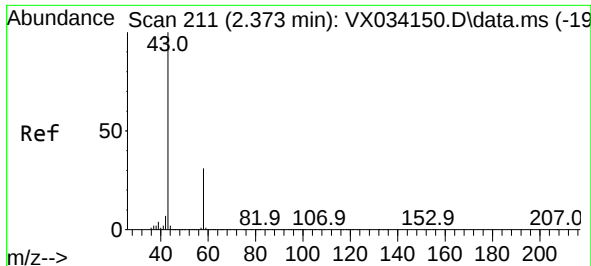
Tgt Ion:168 Resp: 256871
Ion Ratio Lower Upper
168 100
99 54.9 39.6 59.4



#11
Tert butyl alcohol
Concen: 9.113 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

Tgt Ion: 59 Resp: 7051
Ion Ratio Lower Upper
59 100
57 6.3 3.7 5.5#

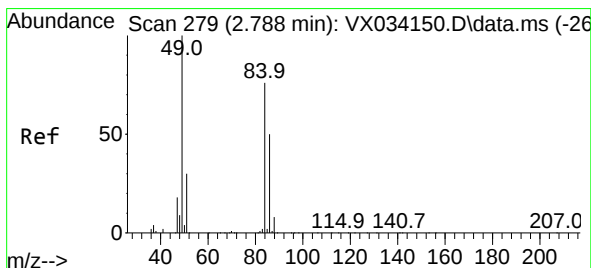
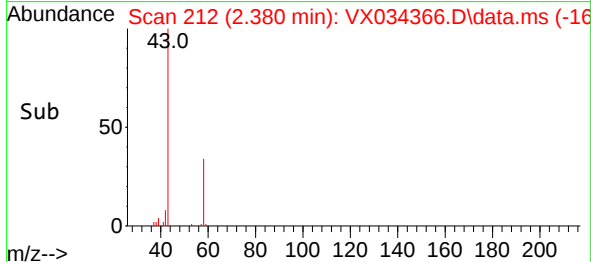
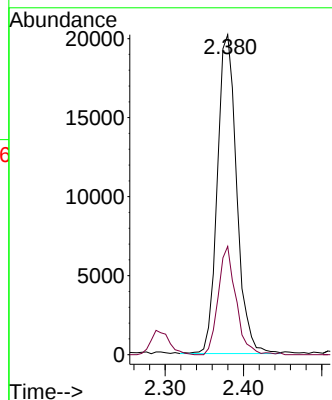
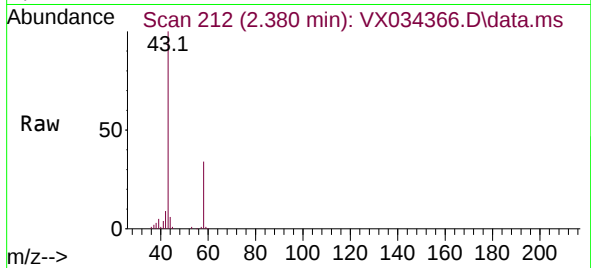




#16
Acetone
Concen: 19.371 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

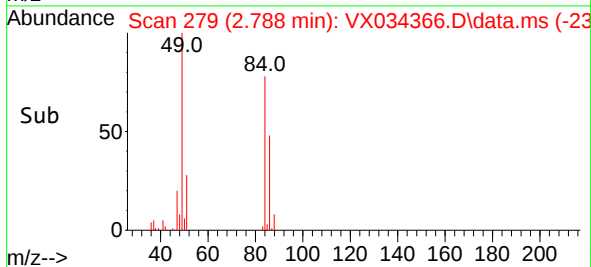
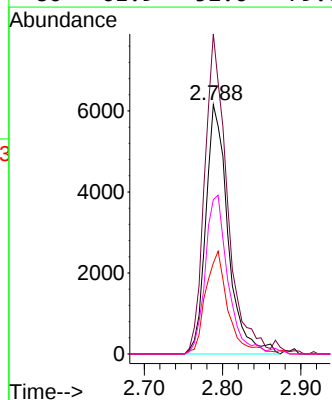
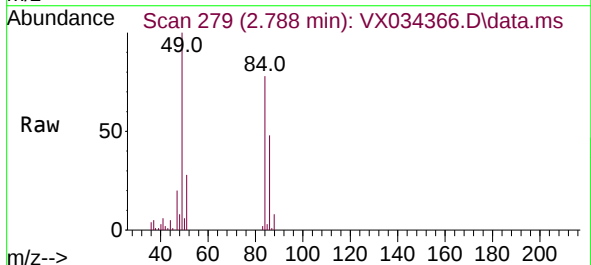
Instrument :
MSVOA_X
ClientSampleId :
HH-TP1-0306

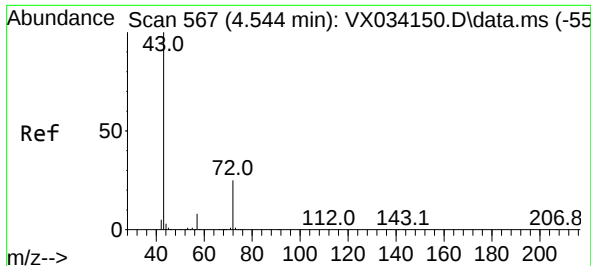
Tgt Ion: 43 Resp: 34569
Ion Ratio Lower Upper
43 100
58 33.5 22.6 33.8



#20
Methylene Chloride
Concen: 3.779 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

Tgt Ion: 84 Resp: 12151
Ion Ratio Lower Upper
84 100
49 128.3 101.1 151.7
51 36.5 31.0 46.6
86 61.9 52.6 79.0





#25

2-Butanone

Concen: 8.115 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX034366.D

Acq: 07 Mar 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

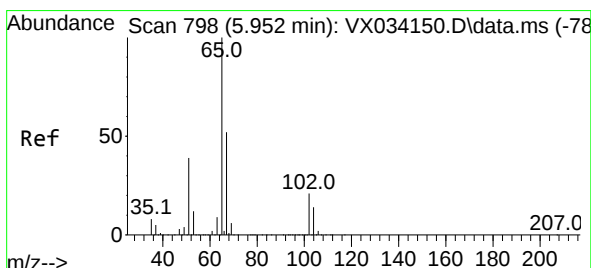
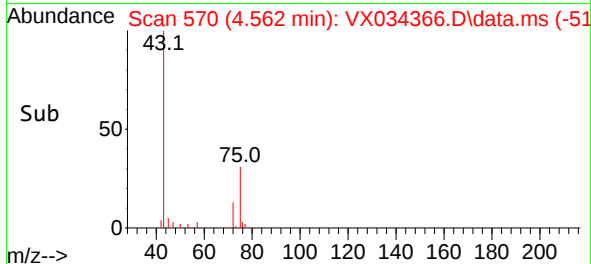
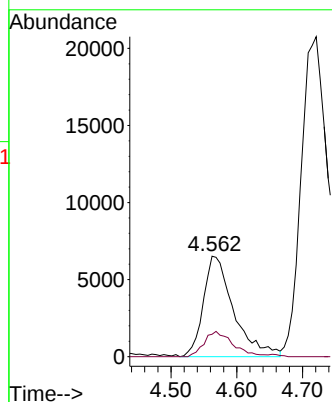
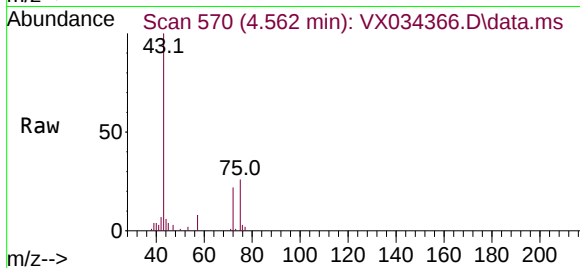
HH-TP1-0306

Tgt Ion: 43 Resp: 20953

Ion Ratio Lower Upper

43 100

72 22.3 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 47.005 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX034366.D

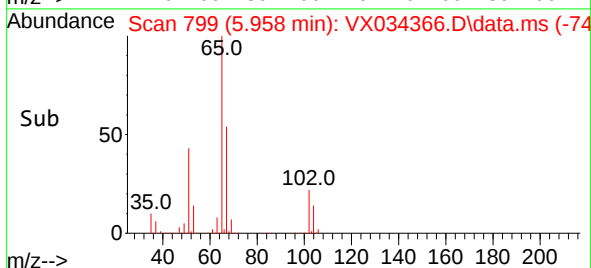
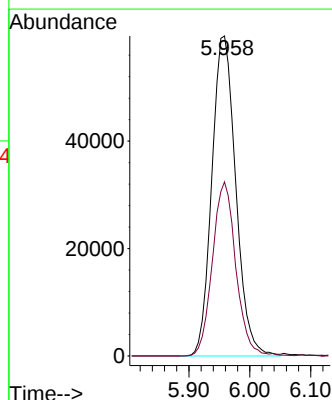
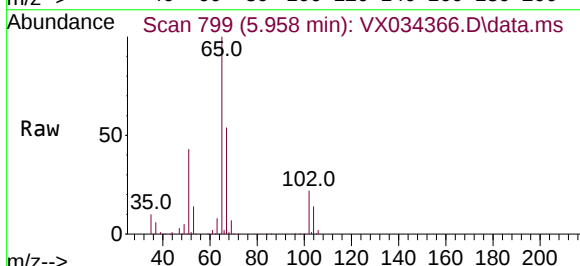
Acq: 07 Mar 2023 12:37

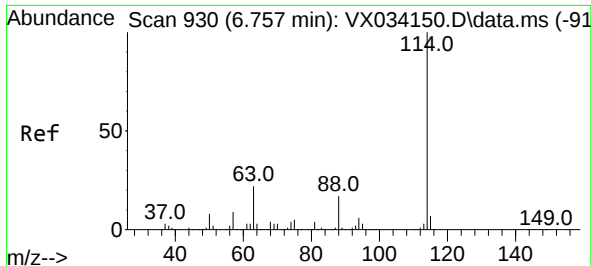
Tgt Ion: 65 Resp: 162611

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8

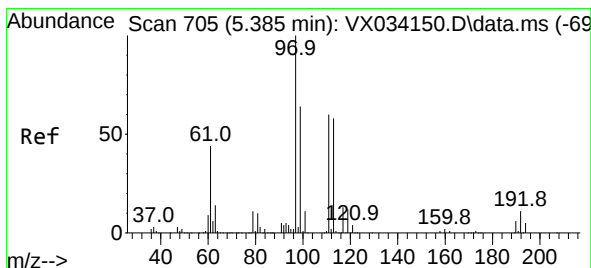
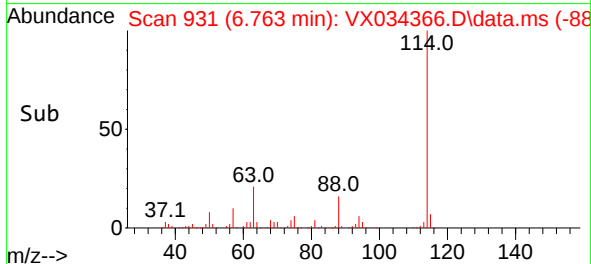
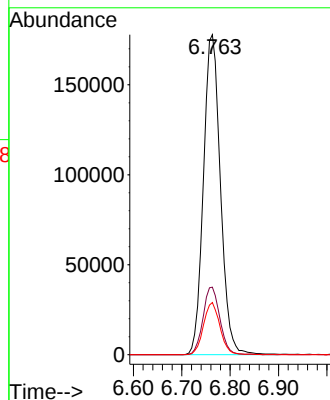
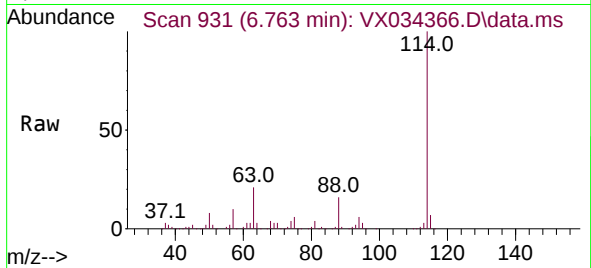




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

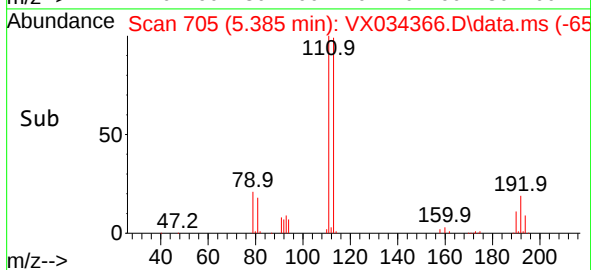
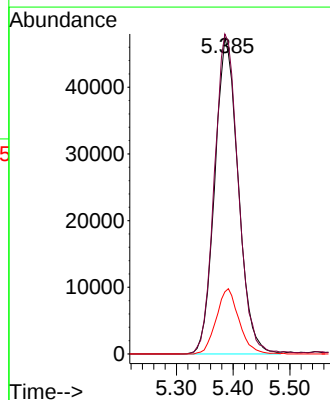
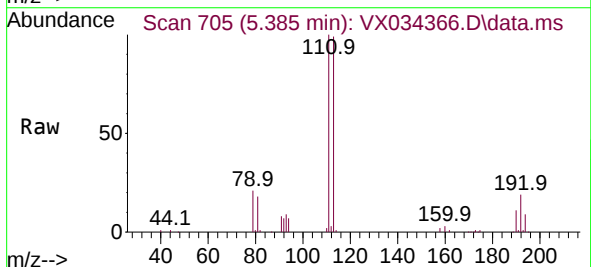
Instrument :
MSVOA_X
ClientSampleId :
HH-TP1-0306

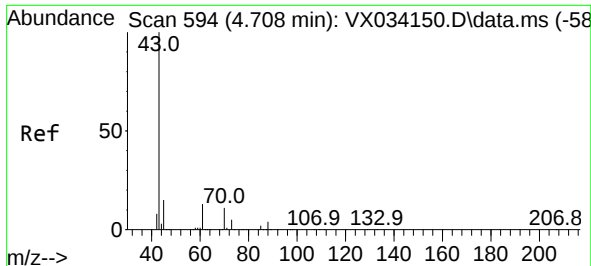
Tgt Ion:114 Resp: 435037
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.211 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

Tgt Ion:113 Resp: 136559
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 20.0 19.0 28.4





#37

Ethyl Acetate

Concen: 13.396 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX034366.D

Acq: 07 Mar 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

HH-TP1-0306

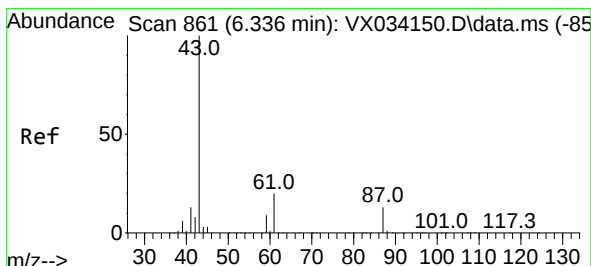
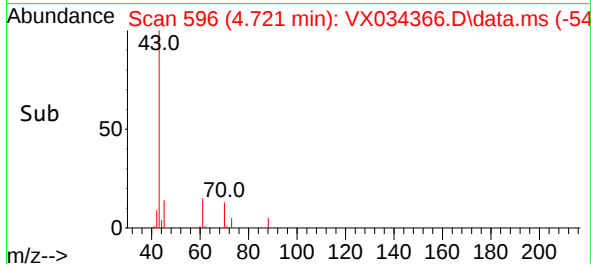
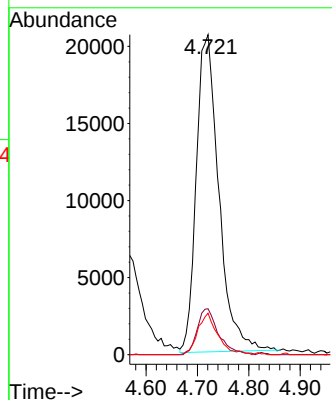
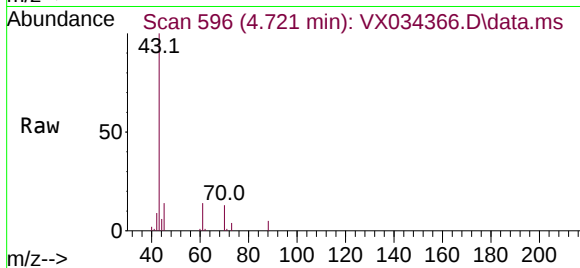
Tgt Ion: 43 Resp: 62715

Ion Ratio Lower Upper

43 100

61 13.7 11.1 16.7

70 11.6 8.5 12.7



#43

Isopropyl Acetate

Concen: 31.557 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX034366.D

Acq: 07 Mar 2023 12:37

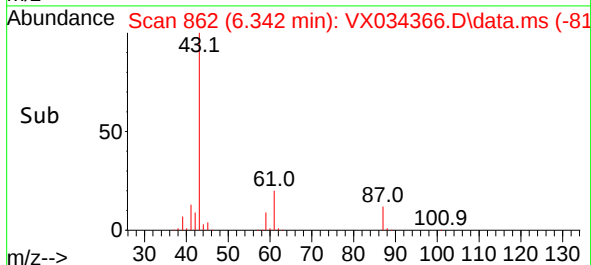
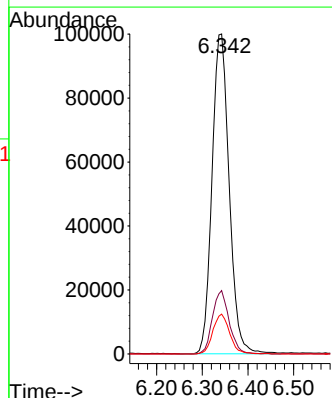
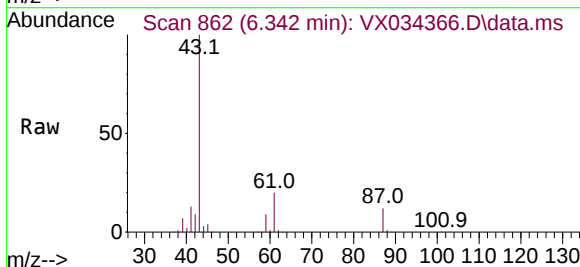
Tgt Ion: 43 Resp: 260707

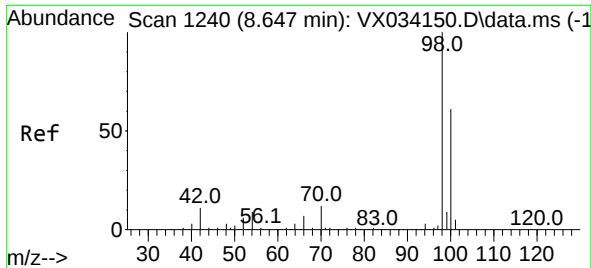
Ion Ratio Lower Upper

43 100

61 19.3 15.7 23.5

87 12.2 10.6 15.8

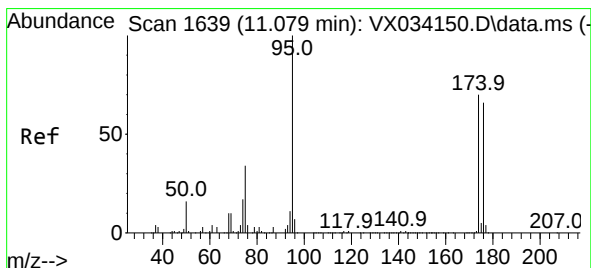
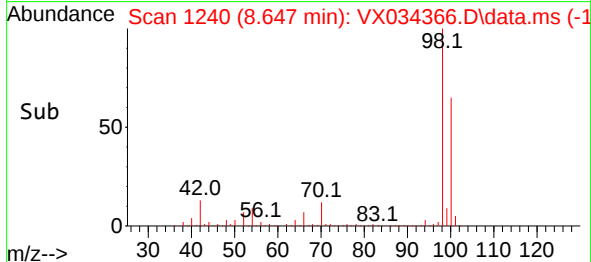
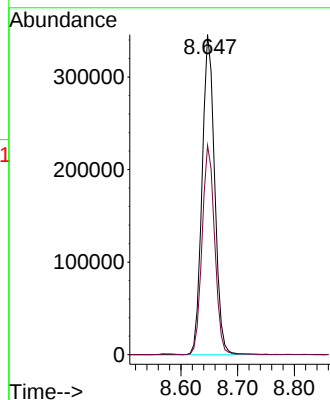
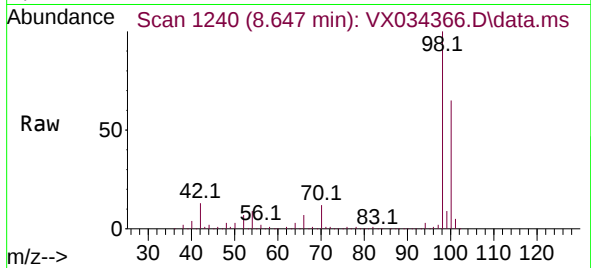




#50
Toluene-d8
Concen: 52.259 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

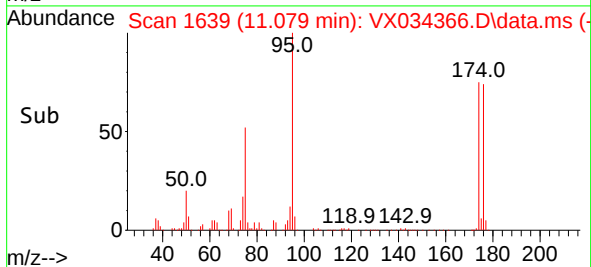
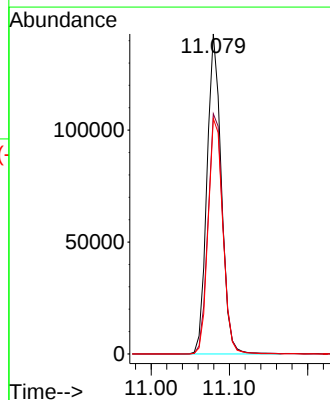
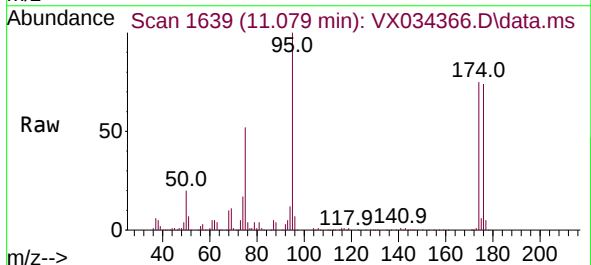
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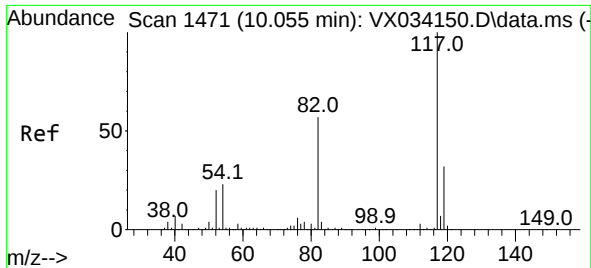
Tgt Ion: 98 Resp: 531453
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

Tgt Ion: 95 Resp: 181261
Ion Ratio Lower Upper
95 100
174 78.3 0.0 184.4
176 75.3 0.0 178.8

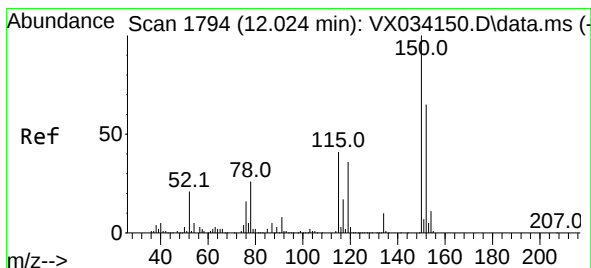
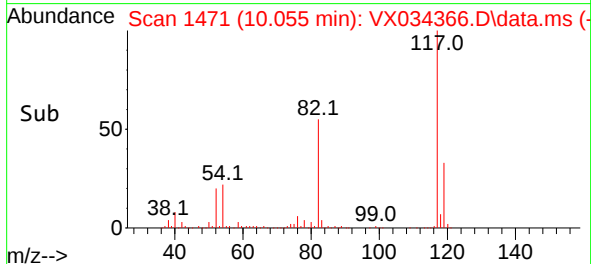
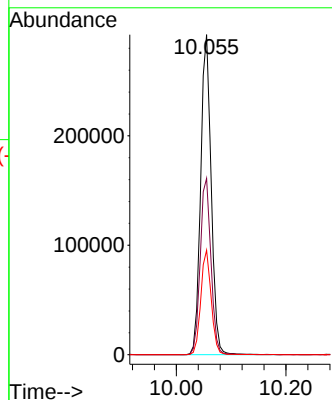
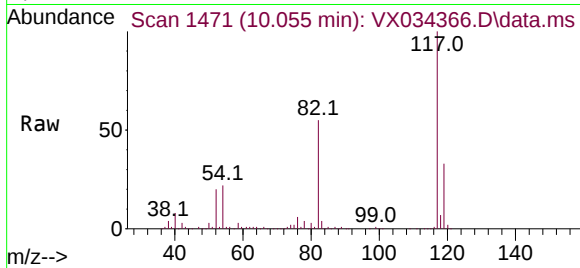




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
HH-TP1-0306

Tgt Ion:117 Resp: 389655
Ion Ratio Lower Upper
117 100
82 55.1 40.6 60.8
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034366.D
Acq: 07 Mar 2023 12:37

Tgt Ion:152 Resp: 163922
Ion Ratio Lower Upper
152 100
115 58.1 38.7 116.1
150 157.4 0.0 348.2

