

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021082.D
 Acq On : 08 Mar 2021 23:58
 Operator : JC/MD
 Sample : PB135028TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028TB

Quant Time: Mar 09 04:23:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

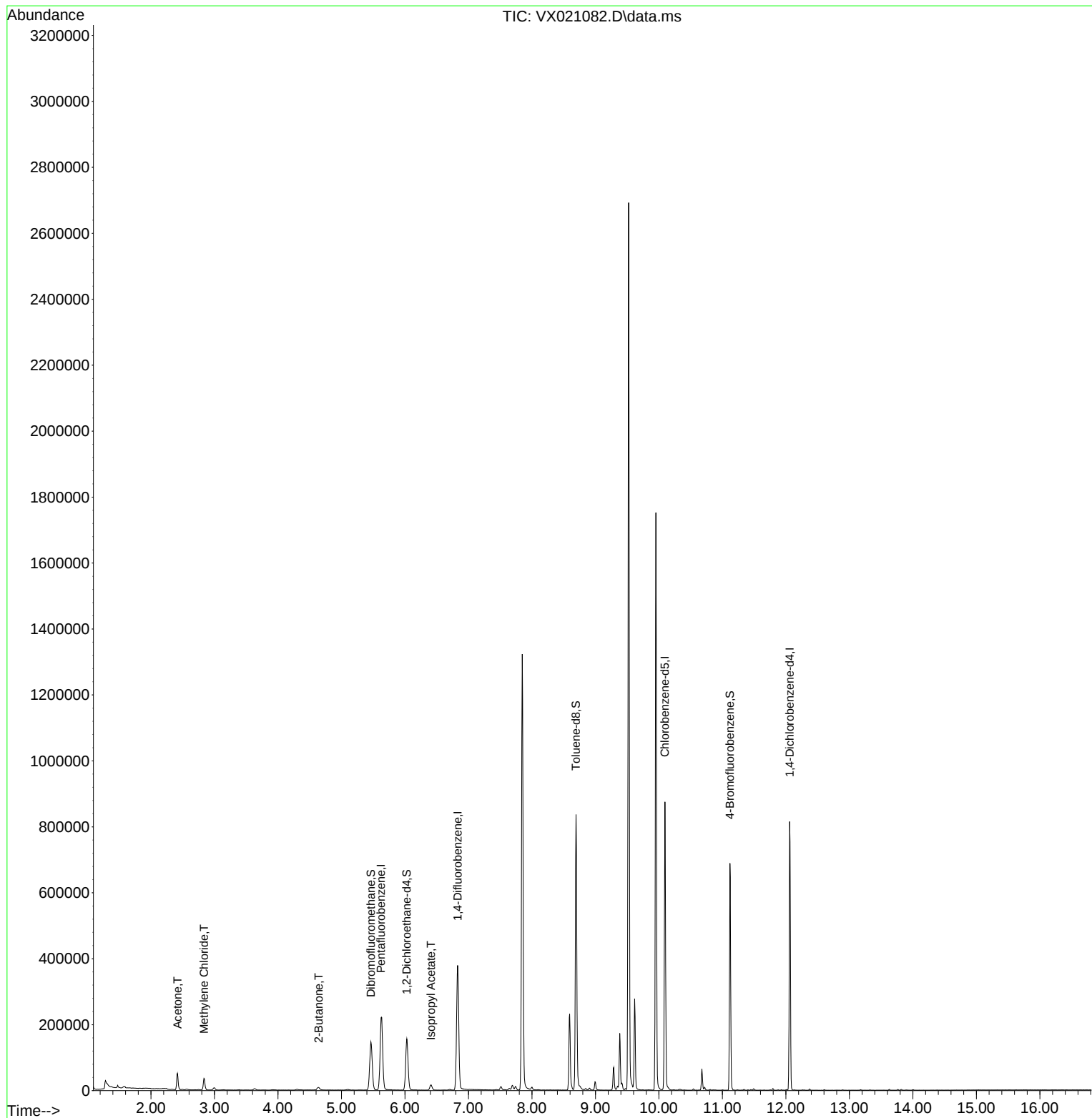
Internal Standards						
1) Pentafluorobenzene	5.623	168	224306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	405329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	393749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	176996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	146020	48.19	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.38%
35) Dibromofluoromethane	5.464	113	128431	52.15	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.30%
50) Toluene-d8	8.694	98	515001	53.63	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.26%
62) 4-Bromofluorobenzene	11.118	95	191764	54.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.02%
Target Compounds						
16) Acetone	2.417	43	51741	41.44	ug/l	95
20) Methylene Chloride	2.834	84	17242	5.76	ug/l	96
25) 2-Butanone	4.641	43	11763	6.20	ug/l	97
43) Isopropyl Acetate	6.411	43	20757	3.33	ug/l	98

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

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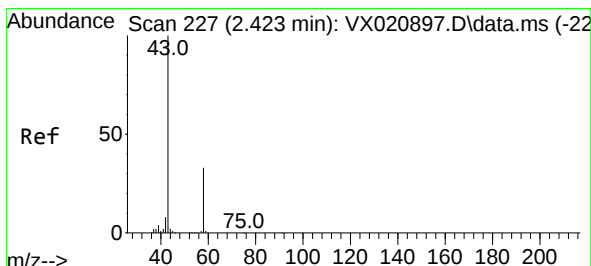
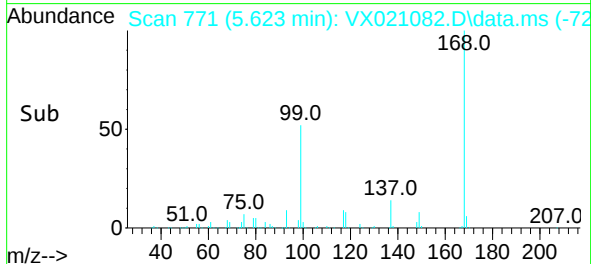
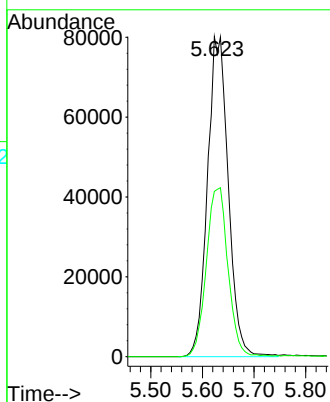
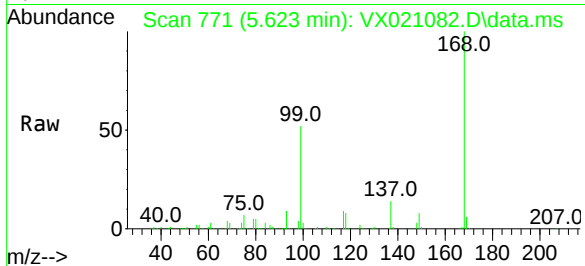




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.000 min
Lab File: VX021082.D
Acq: 08 Mar 2021 23:58

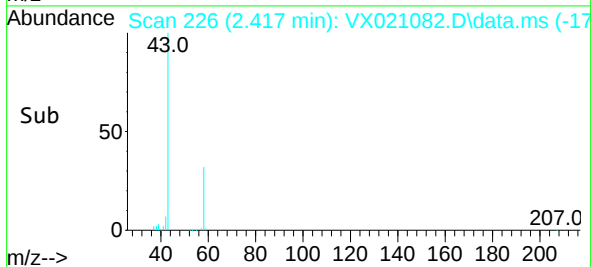
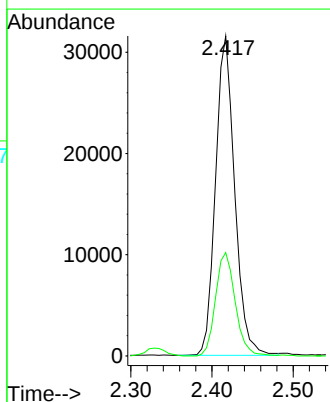
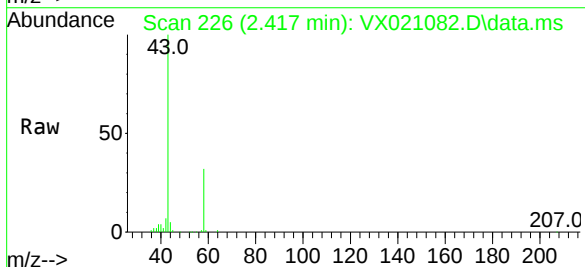
Instrument :
MSVOA_X
ClientSampleId :
PB135028TB

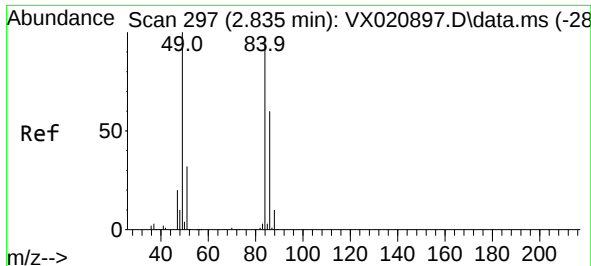
Tgt Ion:168 Resp: 224306
Ion Ratio Lower Upper
168 100
99 51.7 45.8 68.6



#16
Acetone
Concen: 41.44 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021082.D
Acq: 08 Mar 2021 23:58

Tgt Ion: 43 Resp: 51741
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8

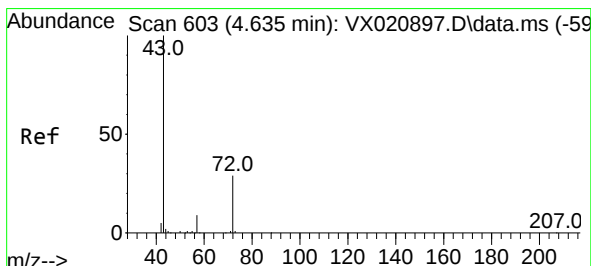
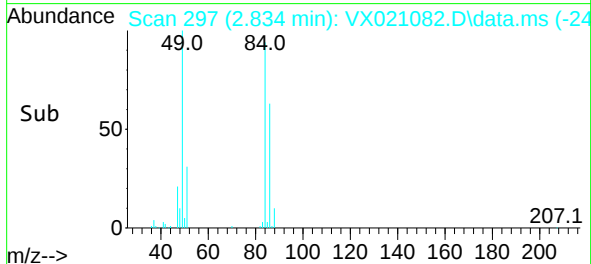
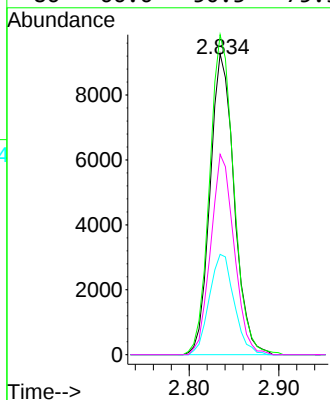
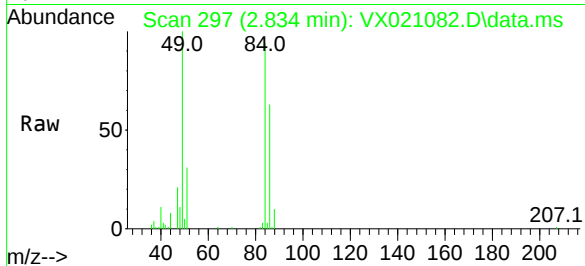




#20
Methylene Chloride
Concen: 5.76 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021082.D
Acq: 08 Mar 2021 23:58

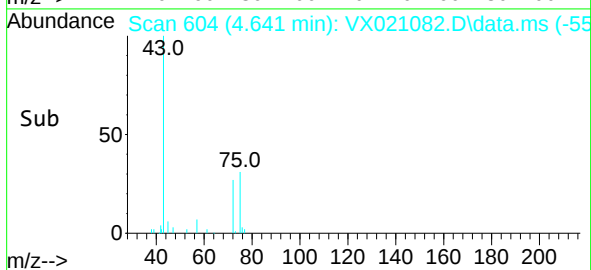
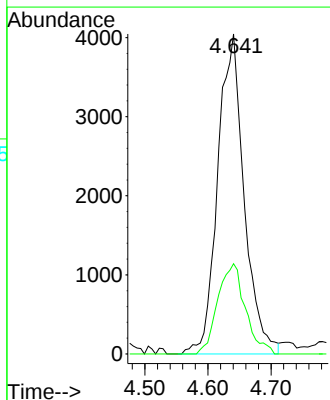
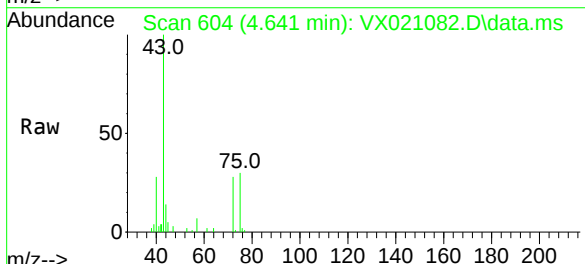
Instrument :
MSVOA_X
ClientSampleId :
PB135028TB

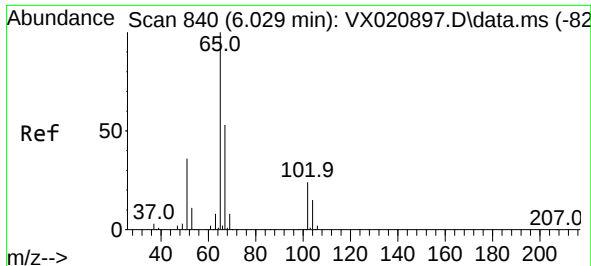
Tgt Ion:	84	Resp:	17242
Ion	Ratio	Lower	Upper
84	100		
49	106.4	88.6	132.8
51	33.4	27.0	40.6
86	66.6	50.3	75.5



#25
2-Butanone
Concen: 6.20 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021082.D
Acq: 08 Mar 2021 23:58

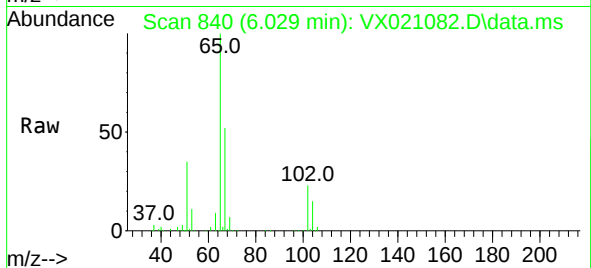
Tgt Ion:	43	Resp:	11763
Ion	Ratio	Lower	Upper
43	100		
72	28.2	23.7	35.5



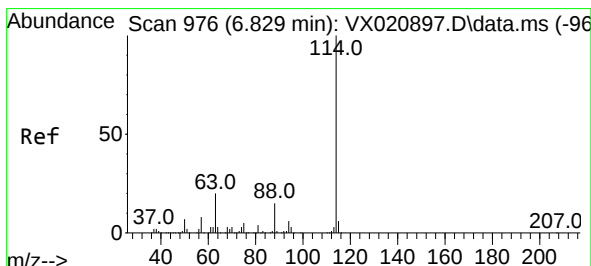
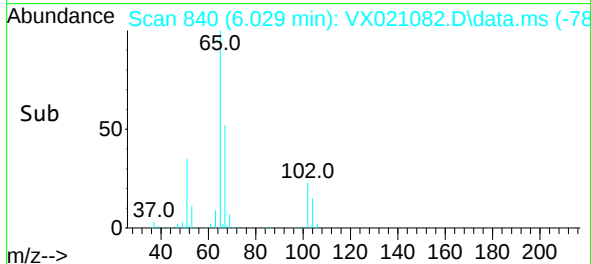
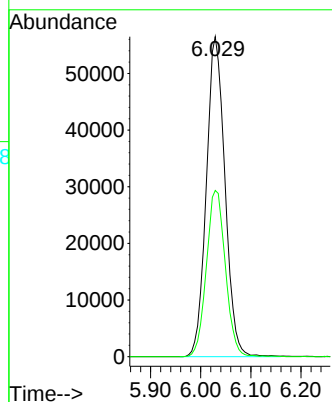


#33
 1,2-Dichloroethane-d4
 Concen: 48.19 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021082.D
 Acq: 08 Mar 2021 23:58

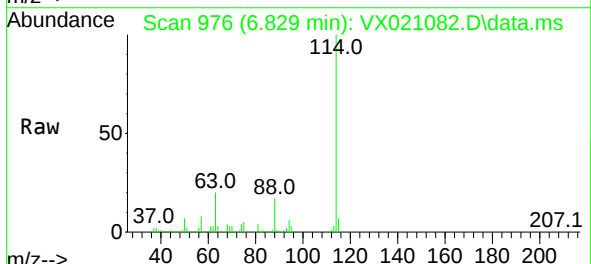
Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028TB



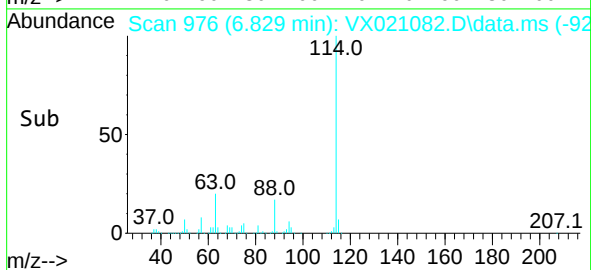
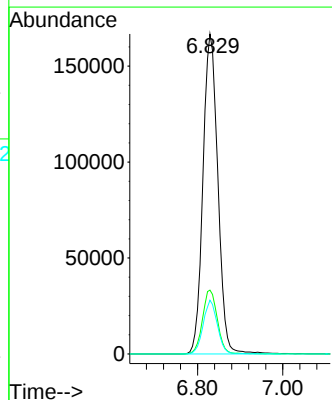
Tgt Ion: 65 Resp: 146020
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4

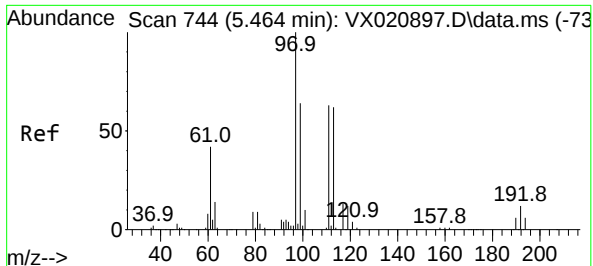


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021082.D
 Acq: 08 Mar 2021 23:58



Tgt Ion: 114 Resp: 405329
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.15 ug/l

RT: 5.464 min Scan# 744

Delta R.T. -0.000 min

Lab File: VX021082.D

Acq: 08 Mar 2021 23:58

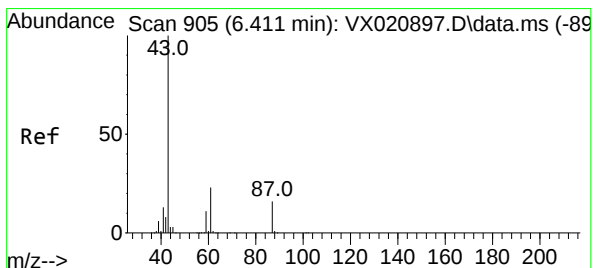
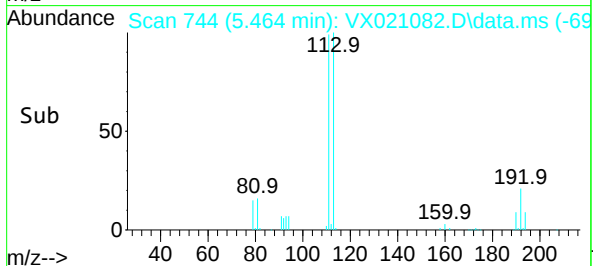
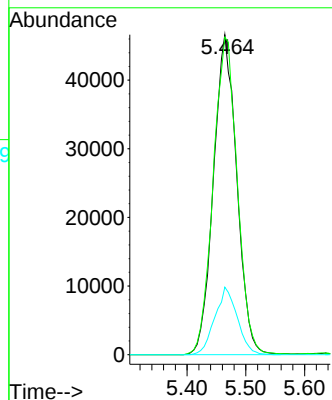
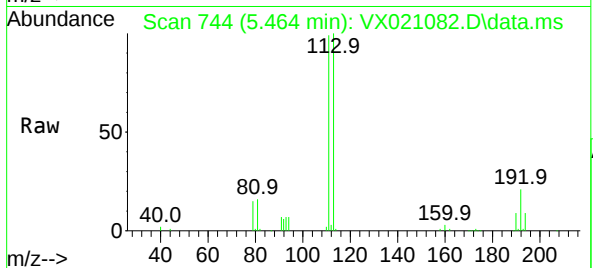
Tgt Ion:113 Resp: 128431

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 20.3 16.7 25.1



#43

Isopropyl Acetate

Concen: 3.33 ug/l

RT: 6.411 min Scan# 905

Delta R.T. -0.000 min

Lab File: VX021082.D

Acq: 08 Mar 2021 23:58

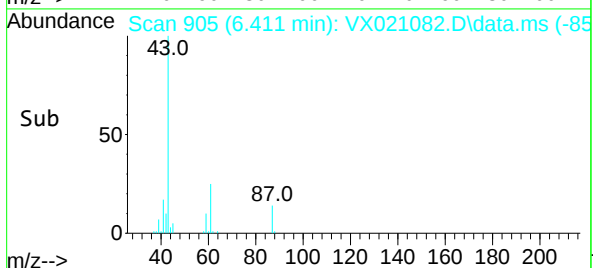
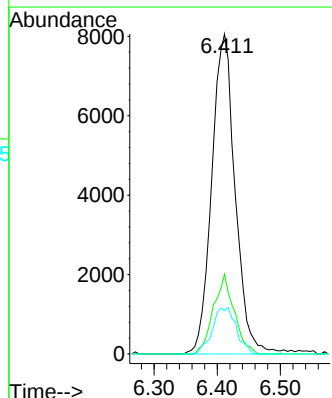
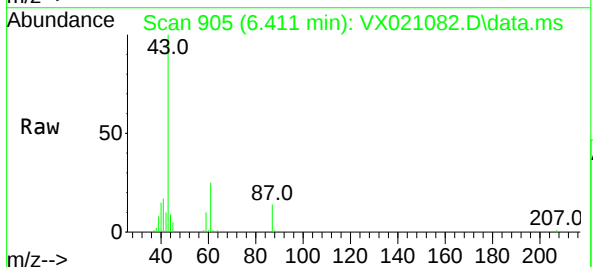
Tgt Ion: 43 Resp: 20757

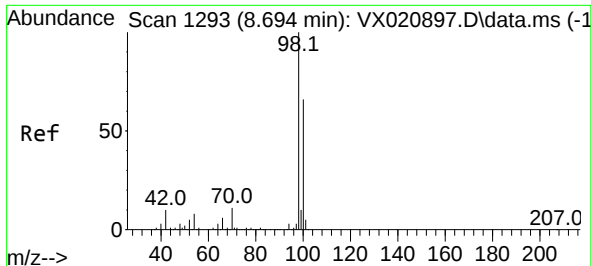
Ion Ratio Lower Upper

43 100

61 22.1 18.2 27.4

87 14.8 12.5 18.7

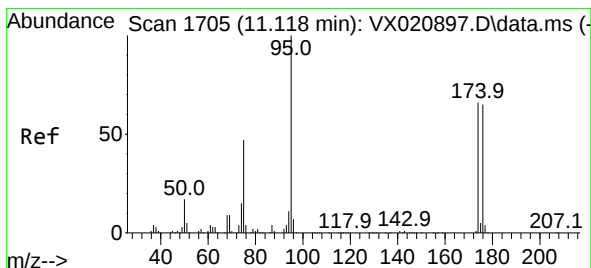
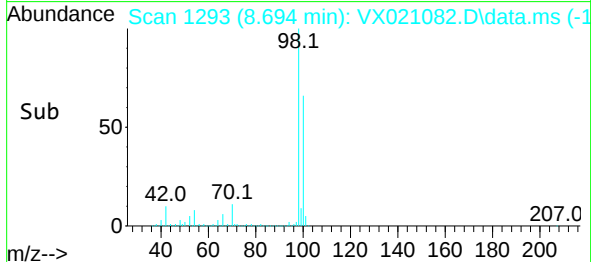
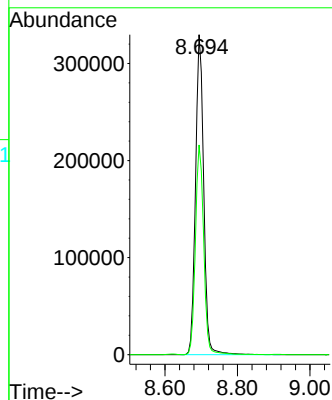
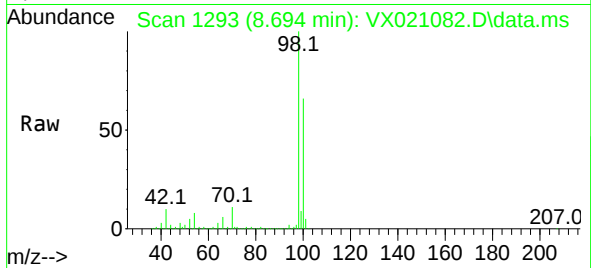




#50
Toluene-d8
Concen: 53.63 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021082.D
Acq: 08 Mar 2021 23:58

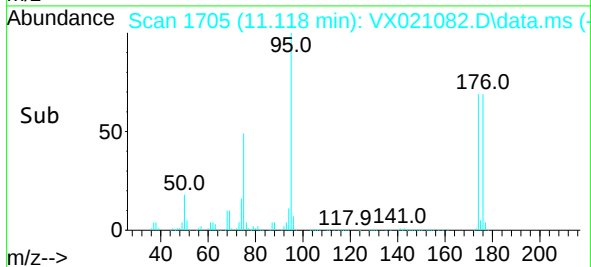
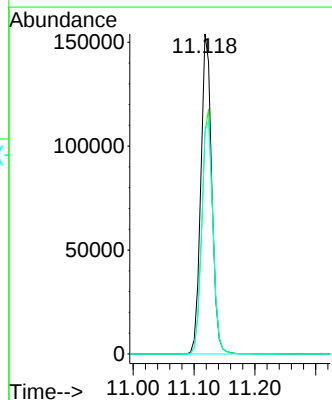
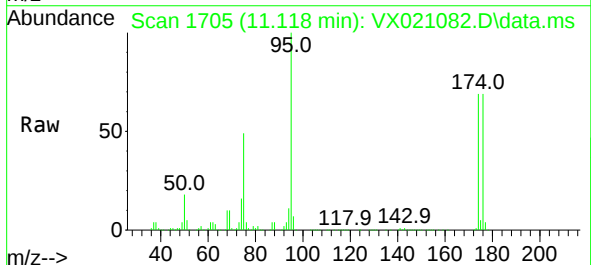
Instrument :
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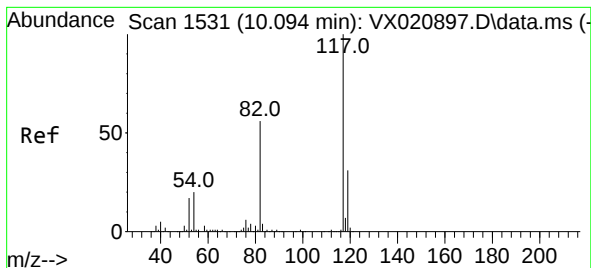
Tgt Ion: 98 Resp: 515001
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021082.D
Acq: 08 Mar 2021 23:58

Tgt Ion: 95 Resp: 191764
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 75.4 0.0 155.8

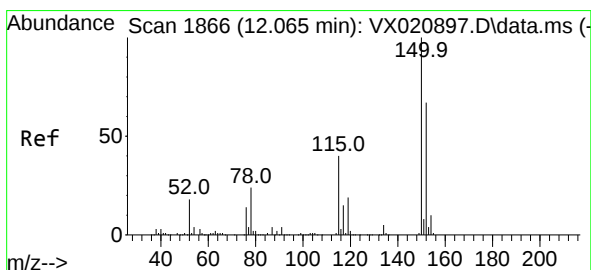
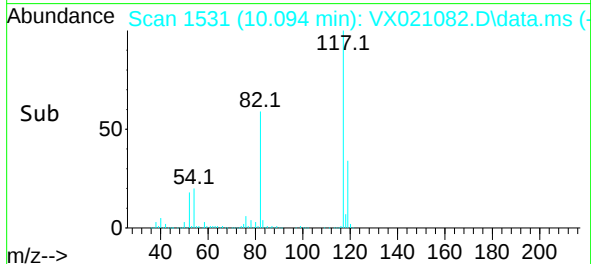
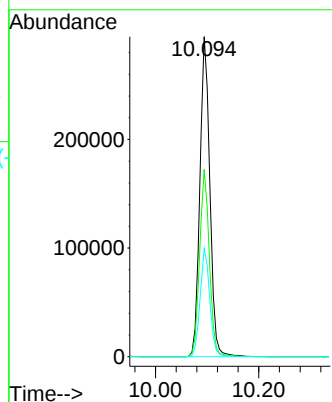
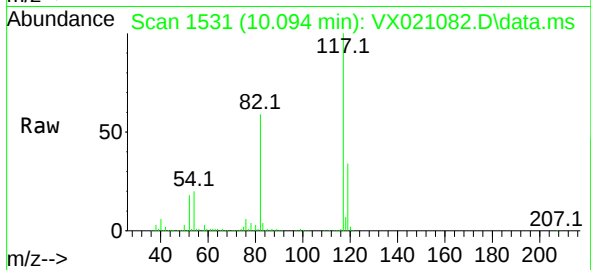




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021082.D
Acq: 08 Mar 2021 23:58

Instrument :
MSVOA_X
ClientSampleId :
PB135028TB

Tgt Ion:117 Resp: 393749
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 33.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021082.D
Acq: 08 Mar 2021 23:58

Tgt Ion:152 Resp: 176996
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 157.5 0.0 349.0

