

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008592.D
 Acq On : 02 Apr 2019 13:36
 Operator : JC/SP
 Sample : K2187-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-TRACK-78-79

Quant Time: Apr 03 03:31:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	32631	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	188656	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	161650	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	84541	30.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.23%
60) 4-Bromofluorobenzene	11.13	95	79095	28.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.60%
63) Toluene-d8	8.71	98	234901	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

Target Compounds

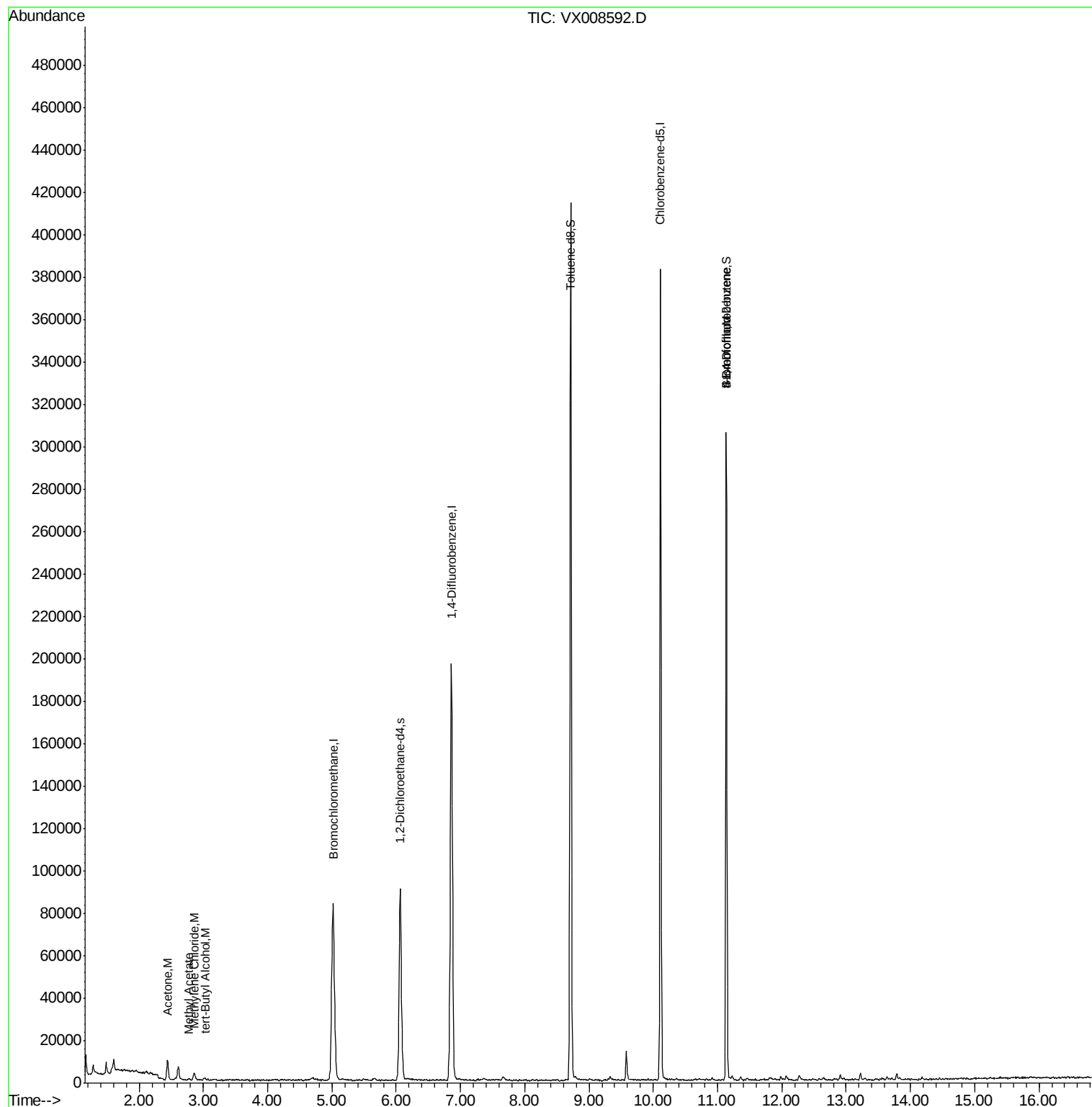
					Ovalue	
12) Methyl Acetate	2.78	43	884	0.528	ug/l	94
15) Acetone	2.44	58	3149	6.595	ug/l	95
18) Methylene Chloride	2.86	84	1362	0.551	ug/l #	84
23) tert-Butyl Alcohol	3.04	59	139	0.222	ug/l #	72
56) Bromoform	11.13	173	716	0.422	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.13	75	40246	32.486	ug/l #	6

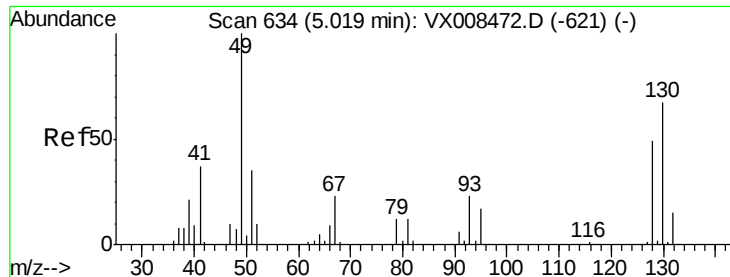
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040219\
Data File : VX008592.D
Acq On : 02 Apr 2019 13:36
Operator : JC/SP
Sample : K2187-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-78-79

Quant Time: Apr 03 03:31:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008592.D

Acq: 02 Apr 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

TP-TRACK-78-79

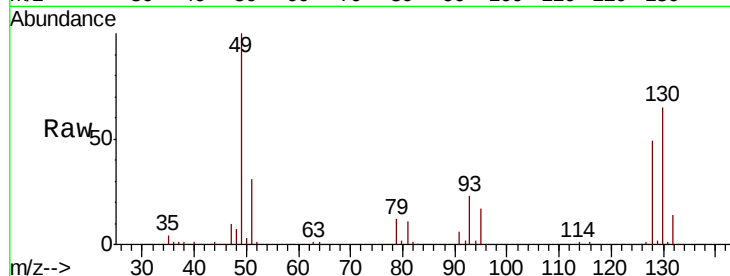
Tot Ion:128 Resp: 32631

Ion Ratio Lower Upper

128 100

49 211.0 0.0 350.8

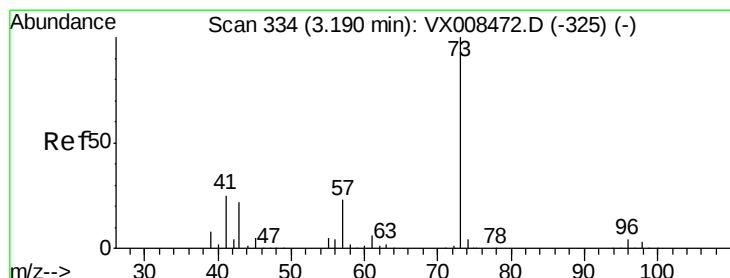
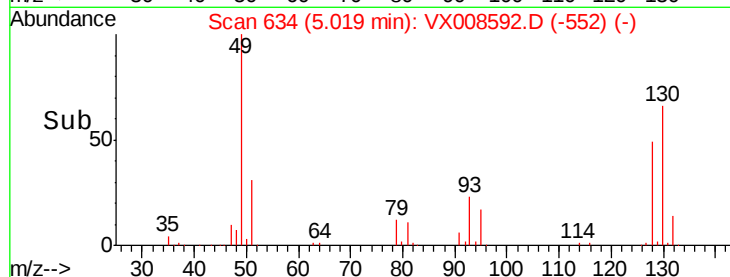
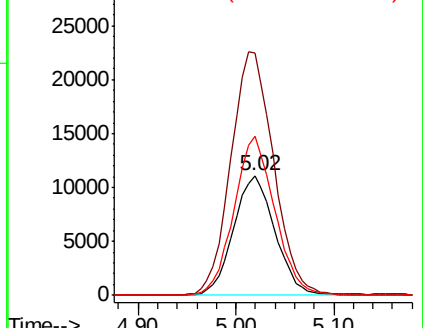
130 130.7 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#12

Methyl Acetate

Concen: 0.528 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.41 min

Lab File: VX008592.D

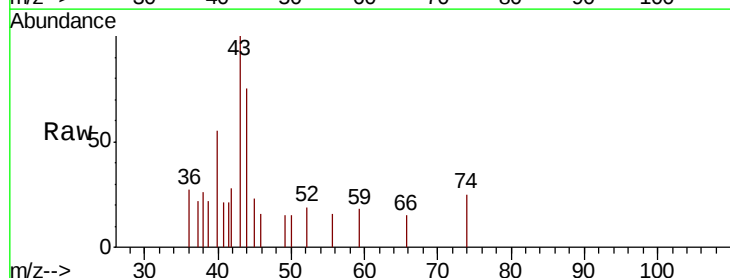
Acq: 02 Apr 2019 13:36

Tgt Ion: 43 Resp: 884

Ion Ratio Lower Upper

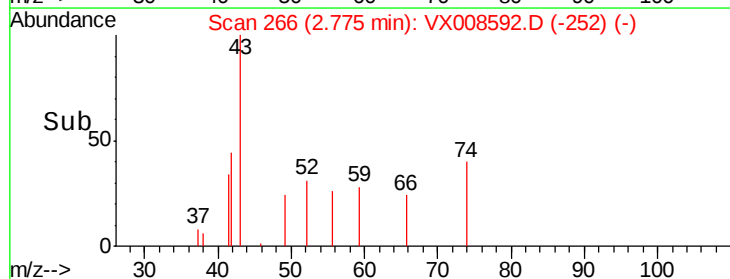
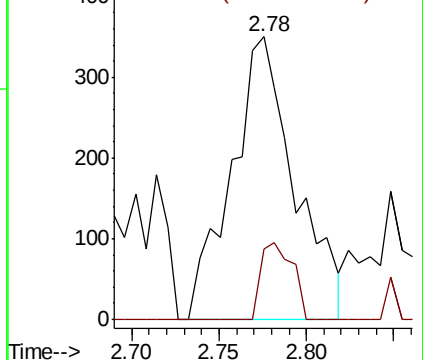
43 100

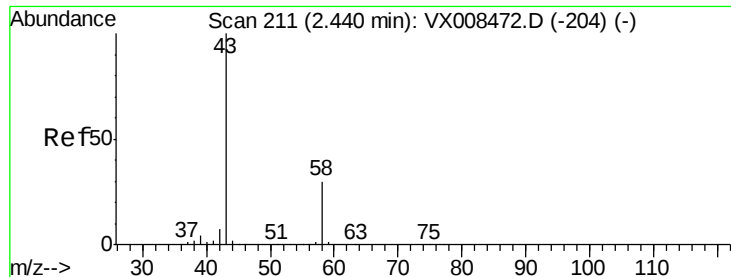
74 27.4 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#15

Acetone

Concen: 6.595 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008592.D

Acq: 02 Apr 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

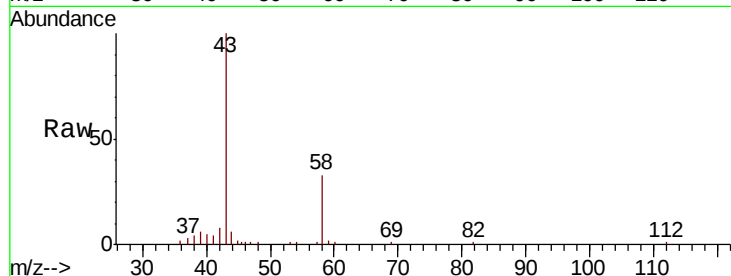
TP-TRACK-78-79

Tot Ion: 58 Resp: 3149

Ion Ratio Lower Upper

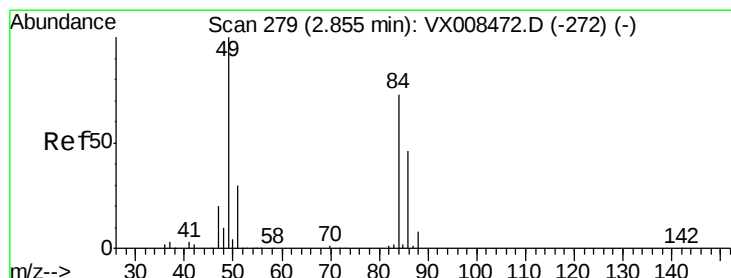
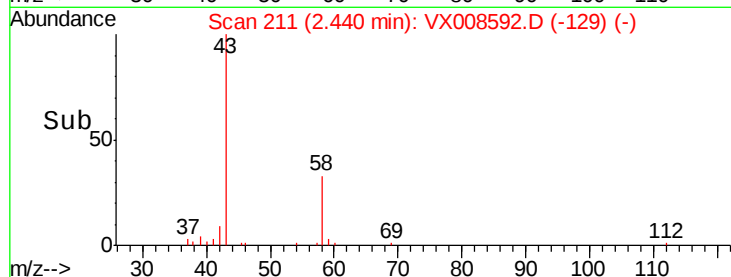
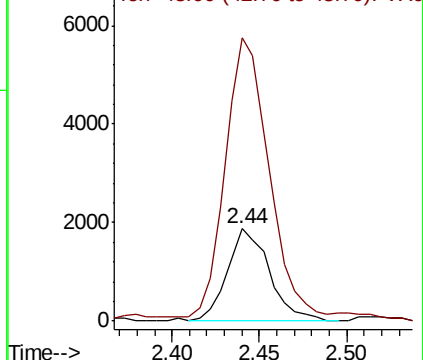
58 100

43 301.4 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#18

Methylene Chloride

Concen: 0.551 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX008592.D

Acq: 02 Apr 2019 13:36

Tgt Ion: 84 Resp: 1362

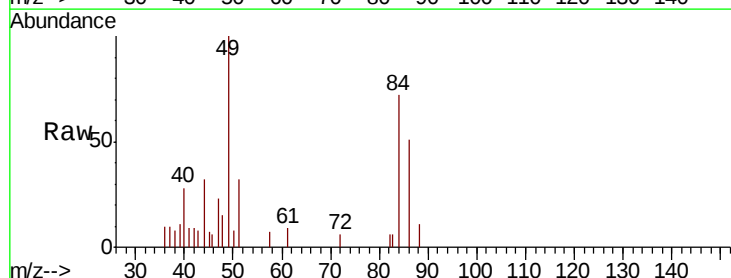
Ion Ratio Lower Upper

84 100

49 138.8 96.1 144.1

51 44.4 29.1 43.7#

86 70.1 47.3 70.9

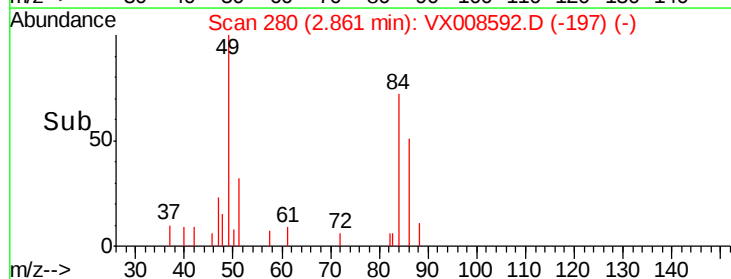
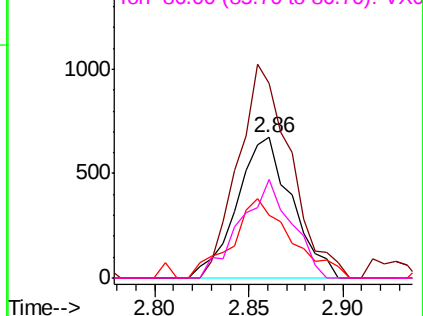


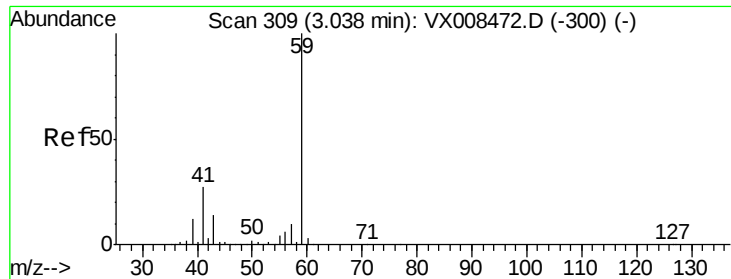
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



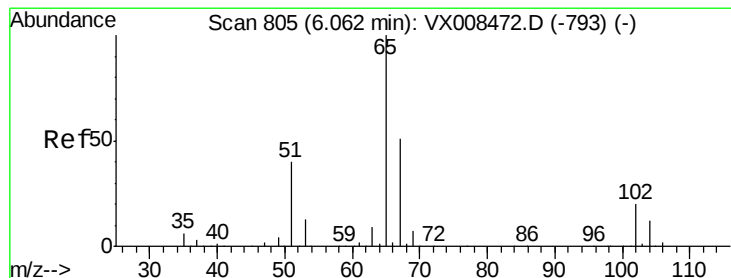
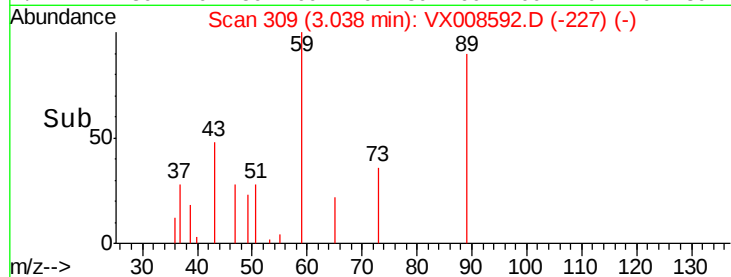
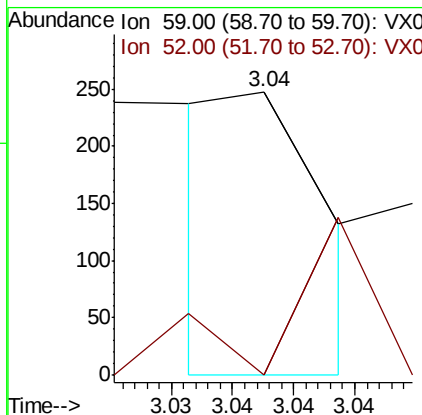
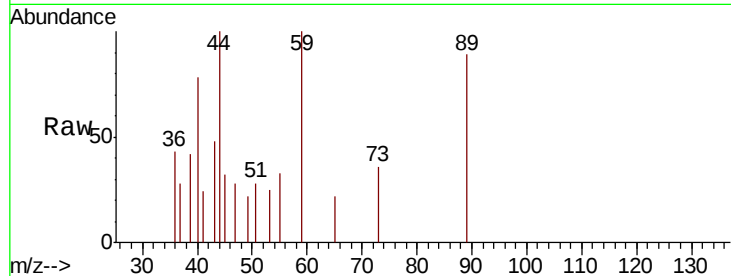


#23

tert-Butyl Alcohol
 Concen: 0.222 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX008592.D
 Acq: 02 Apr 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-TRACK-78-79

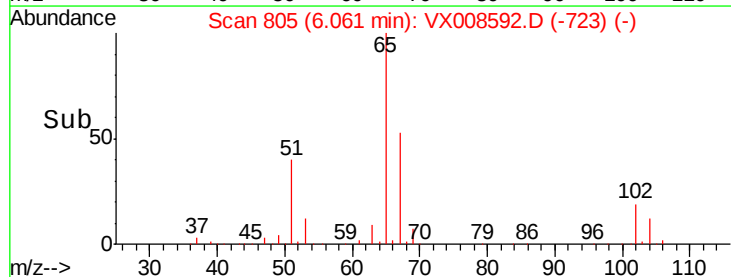
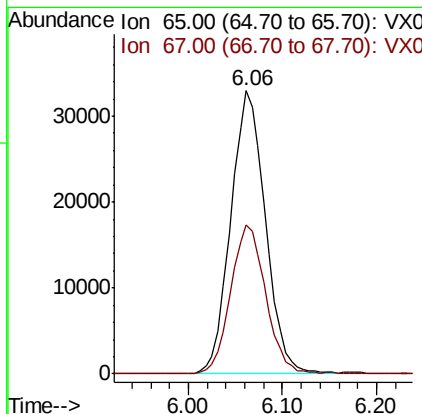
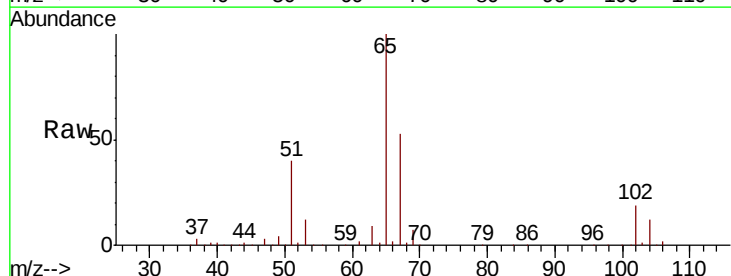
Tot Ion: 59 Resp: 139
 Ion Ratio Lower Upper
 59 100
 52 36.0 0.2 0.2#

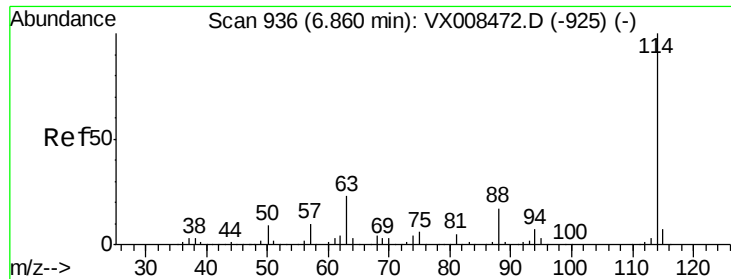


#27

1,2-Dichloroethane-d4
 Concen: 30.970 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008592.D
 Acq: 02 Apr 2019 13:36

Tgt Ion: 65 Resp: 84541
 Ion Ratio Lower Upper
 65 100
 67 53.1 42.9 64.3

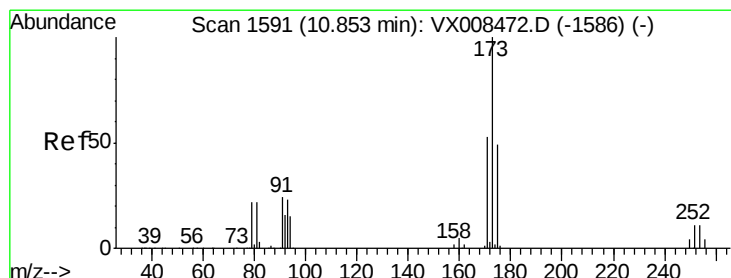
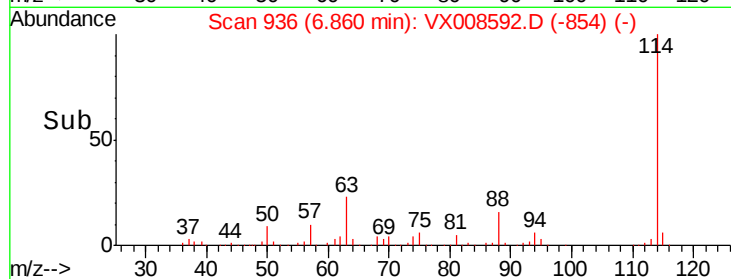
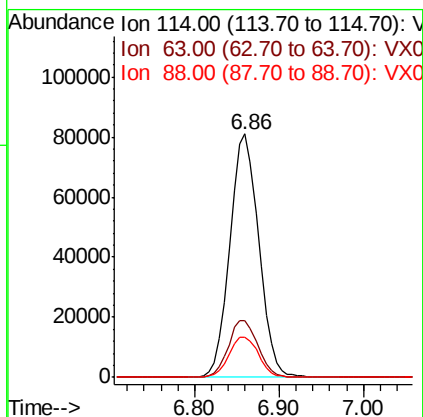
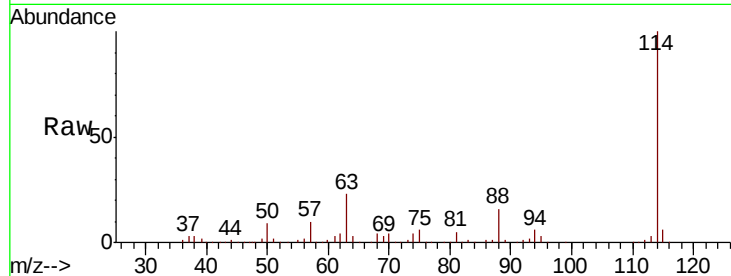




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008592.D
 Acq: 02 Apr 2019 13:36

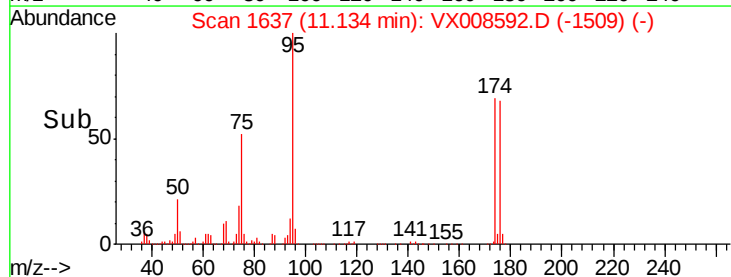
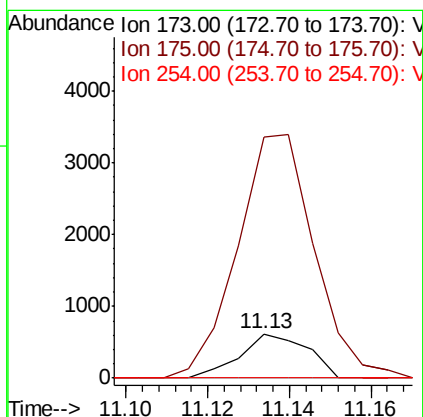
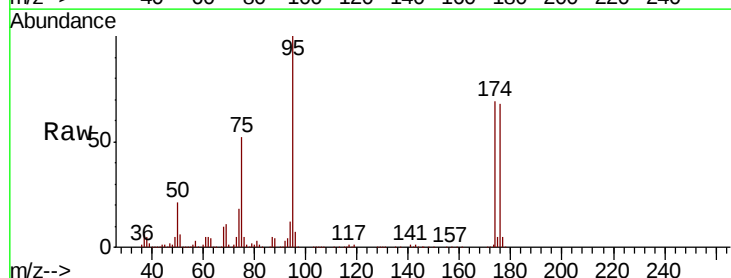
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-TRACK-78-79

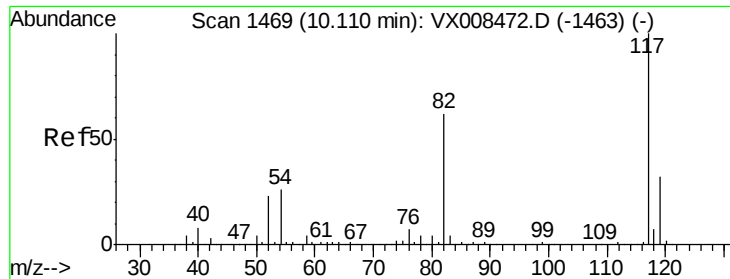
Tot Ion:114 Resp: 188656
 Ion Ratio Lower Upper
 114 100
 63 23.7 14.2 21.4#
 88 17.0 11.9 17.9



#56
 Bromoform
 Concen: 0.422 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.28 min
 Lab File: VX008592.D
 Acq: 02 Apr 2019 13:36

Tgt Ion:173 Resp: 716
 Ion Ratio Lower Upper
 173 100
 175 625.0 38.5 57.7#
 254 0.0 7.4 11.2#

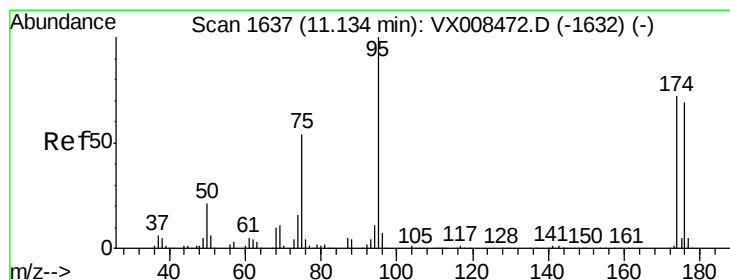
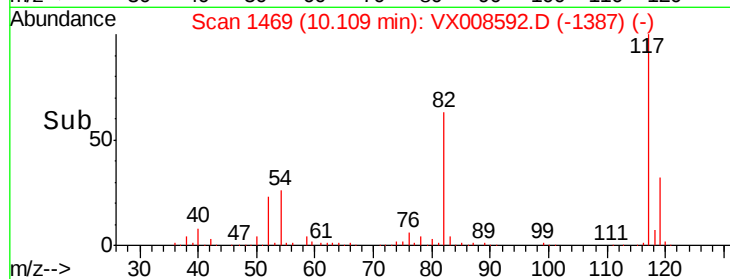
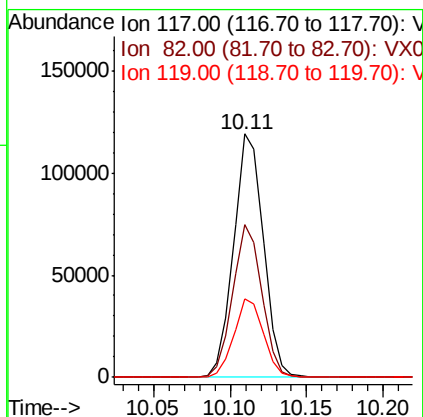
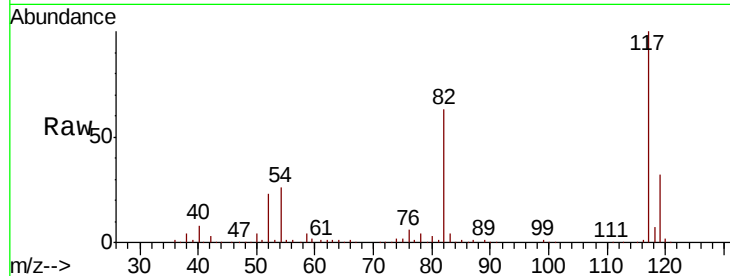




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008592.D
Acq: 02 Apr 2019 13:36

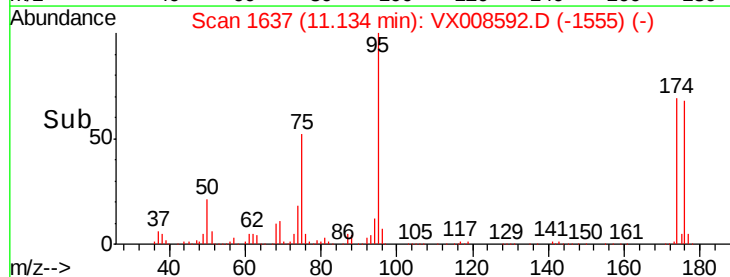
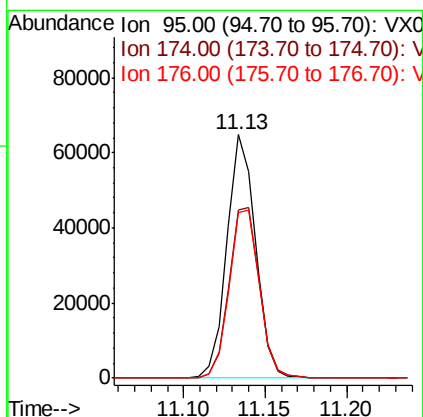
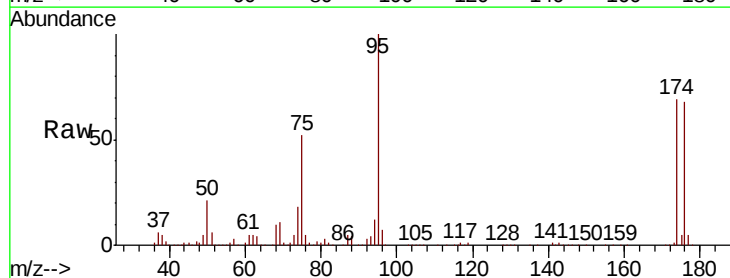
Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-78-79

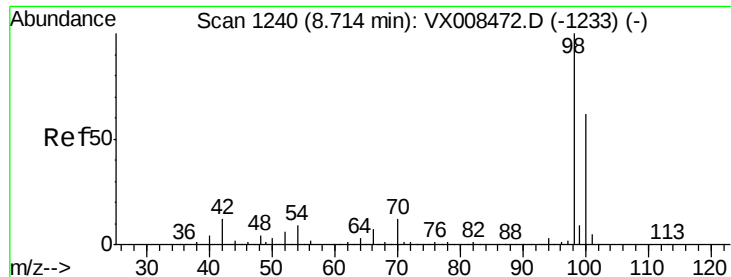
Tot Ion:117 Resp: 161650
Ion Ratio Lower Upper
117 100
82 61.3 40.4 60.6#
119 32.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 28.083 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008592.D
Acq: 02 Apr 2019 13:36

Tgt Ion: 95 Resp: 79095
Ion Ratio Lower Upper
95 100
174 74.3 74.9 112.3#
176 72.8 70.7 106.1

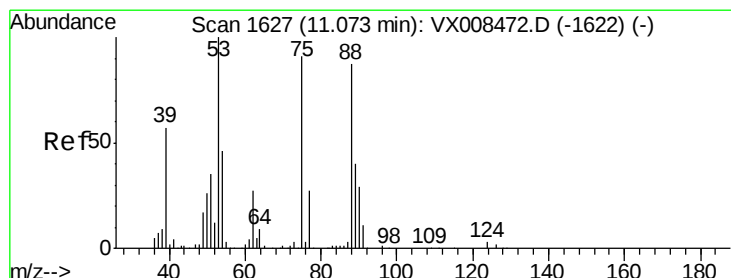
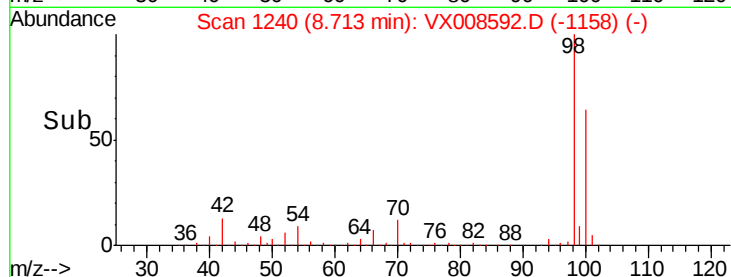
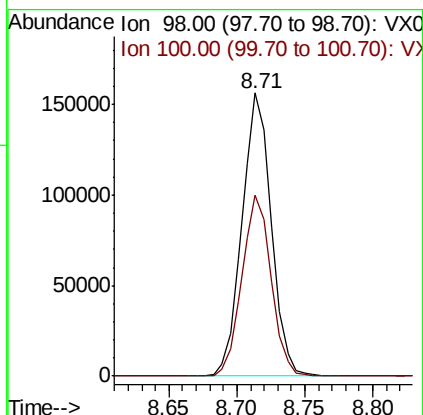
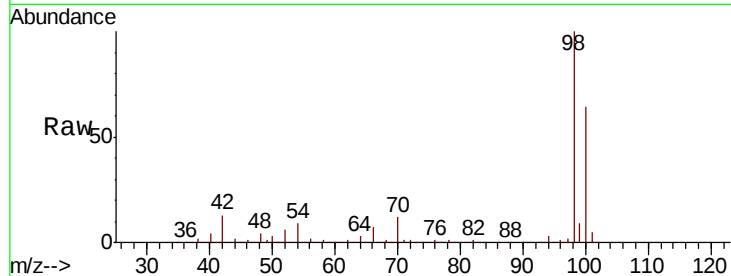




#63
Toluene-d8
Concen: 30.613 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008592.D
Acq: 02 Apr 2019 13:36

Instrument :
MSVOA_X
ClientSampleId :
TP-TRACK-78-79

Tot Ion: 98 Resp: 234901
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#77
t-1,4-Dichloro-2-butene
Concen: 32.486 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008592.D
Acq: 02 Apr 2019 13:36

Tgt Ion: 75 Resp: 40246
Ion Ratio Lower Upper
75 100
53 0.2 55.5 166.7#
89 0.2 24.4 73.2#

