

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX017001.D
 Acq On : 27 Jun 2020 00:03
 Operator : JC/SP
 Sample : L3146-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200624027-01-TRIP-BLANK

Quant Time: Jun 27 03:01:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	55450	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	289540	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	270593	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	128060	29.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.90%
60) 4-Bromofluorobenzene	11.12	95	124195	27.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.73%
63) Toluene-d8	8.70	98	341711	28.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.50%

Target Compounds

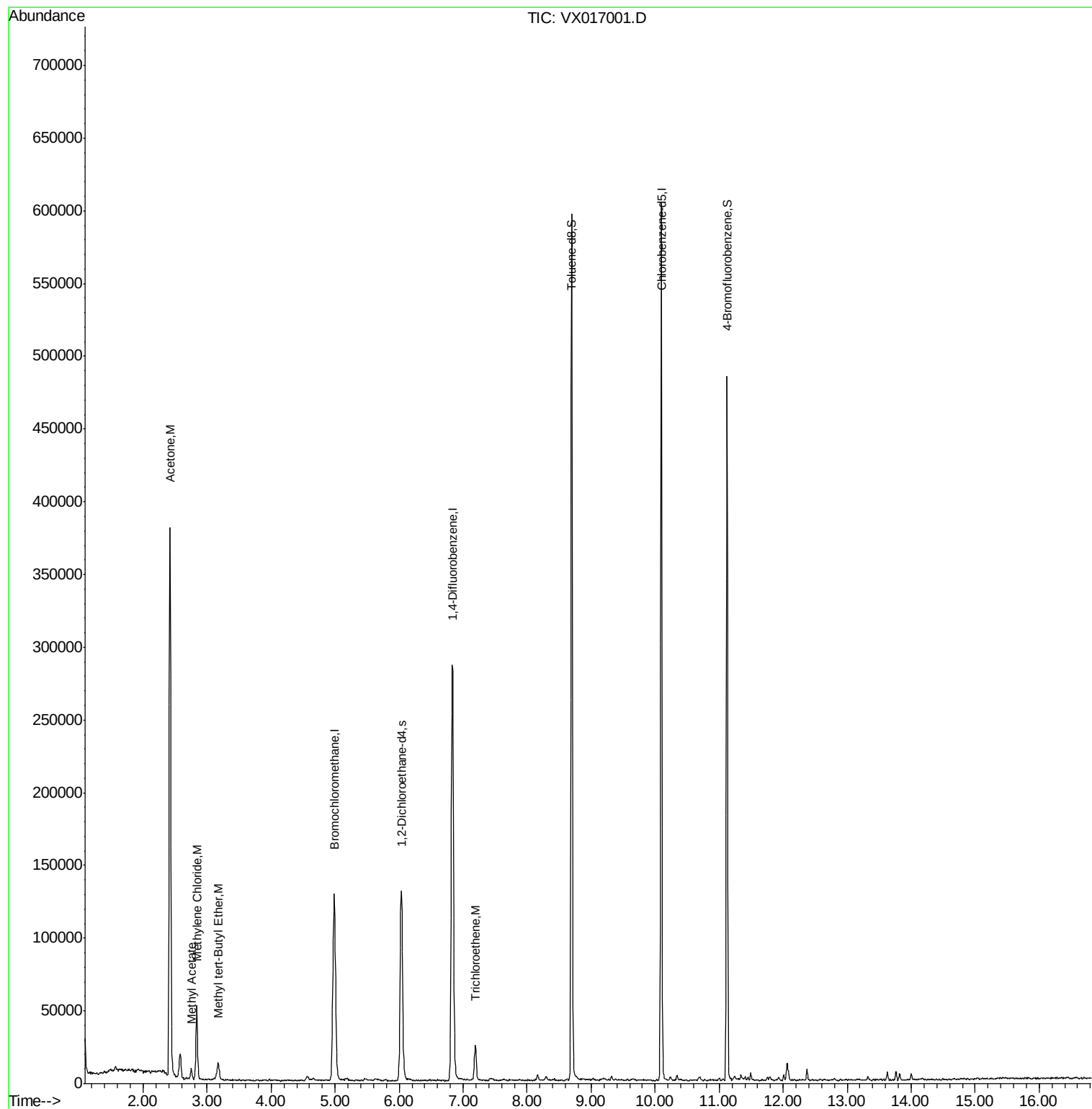
					Ovalue
12) Methyl Acetate	2.75	43	8413	2.101	ug/l 93
15) Acetone	2.42	58	128554	261.935	ug/l 99
18) Methylene Chloride	2.84	84	22547	5.897	ug/l 96
24) Methyl tert-Butyl Ether	3.17	73	12179	1.075	ug/l 99
37) Trichloroethene	7.19	130	8512	2.271	ug/l 89

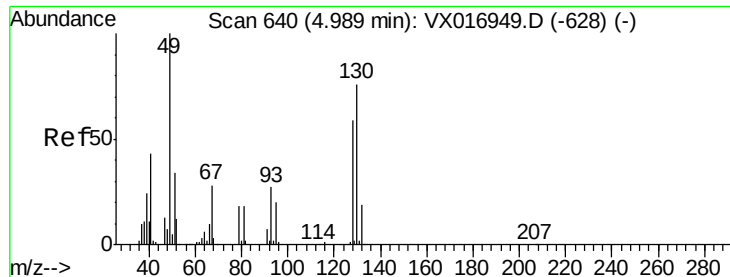
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX017001.D

Acq: 27 Jun 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

200624027-01-TRIP-BLANK

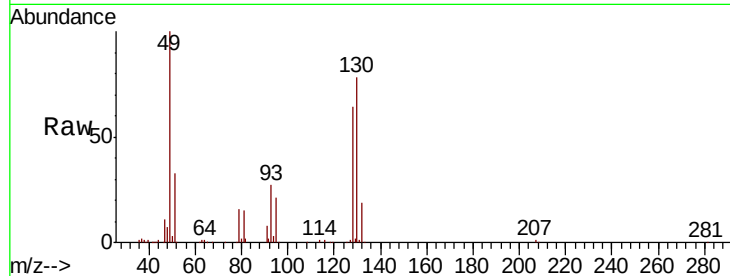
Tot Ion:128 Resp: 55450

Ion Ratio Lower Upper

128 100

49 164.2 0.0 428.0

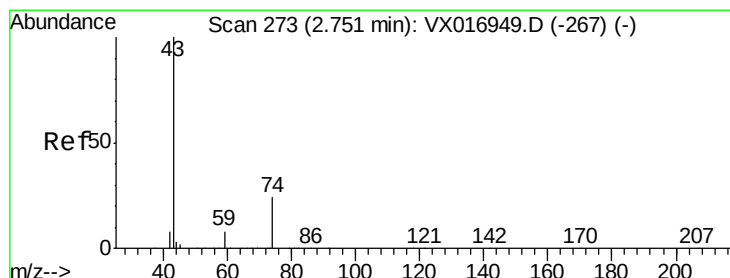
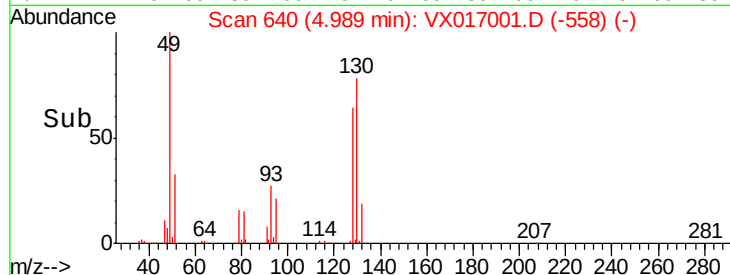
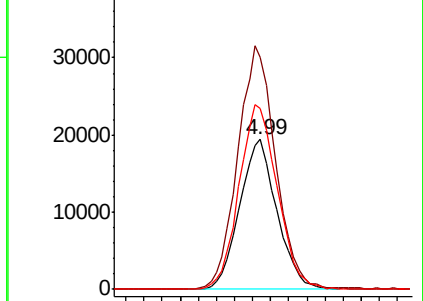
130 126.3 0.0 318.0



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: 2.101 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017001.D

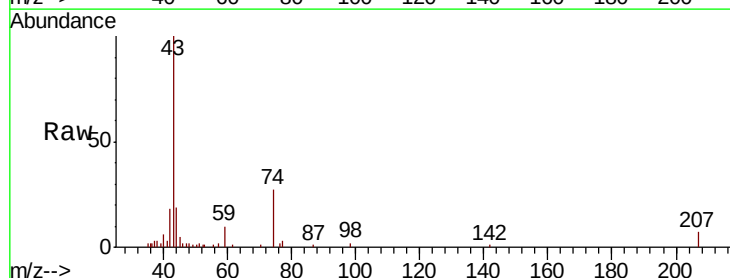
Acq: 27 Jun 2020 00:03

Tgt Ion: 43 Resp: 8413

Ion Ratio Lower Upper

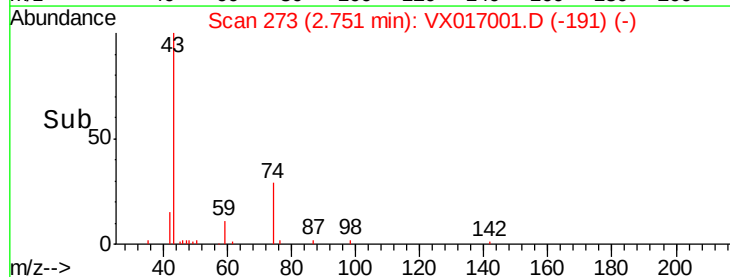
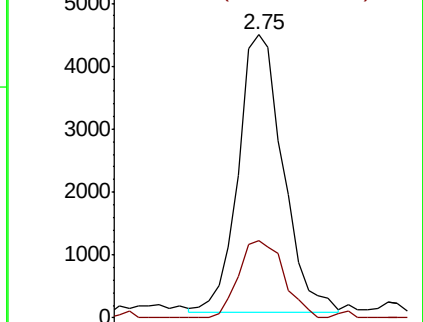
43 100

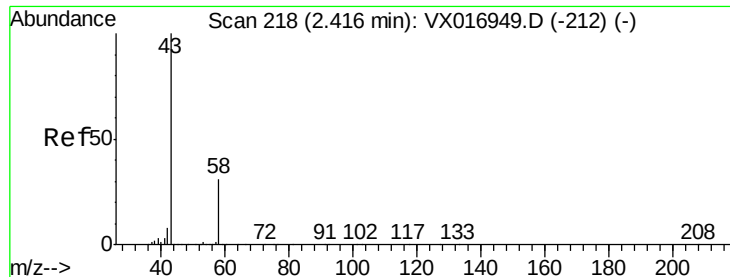
74 27.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#15

Acetone

Concen: 261.935 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017001.D

Acq: 27 Jun 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

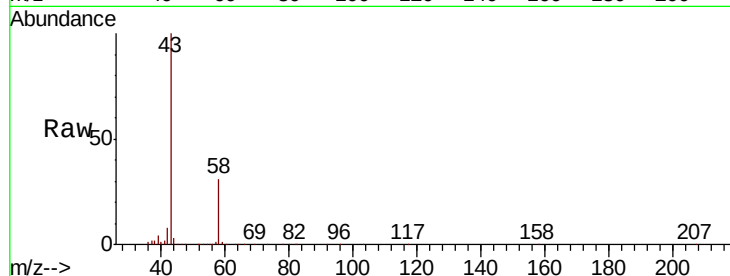
200624027-01-TRIP-BLANK

Tot Ion: 58 Resp: 128554

Ion Ratio Lower Upper

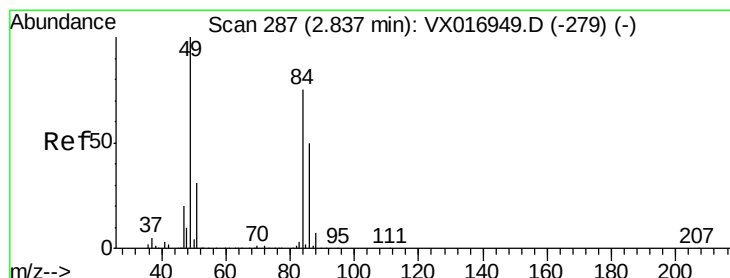
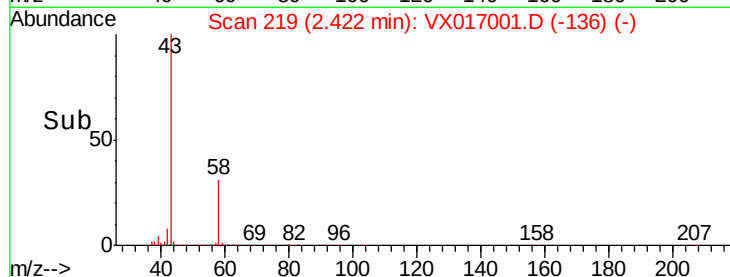
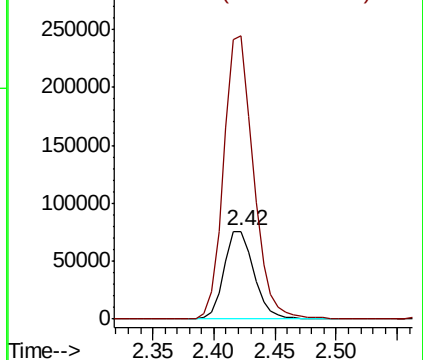
58 100

43 323.2 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#18

Methylene Chloride

Concen: 5.897 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX017001.D

Acq: 27 Jun 2020 00:03

Tgt Ion: 84 Resp: 22547

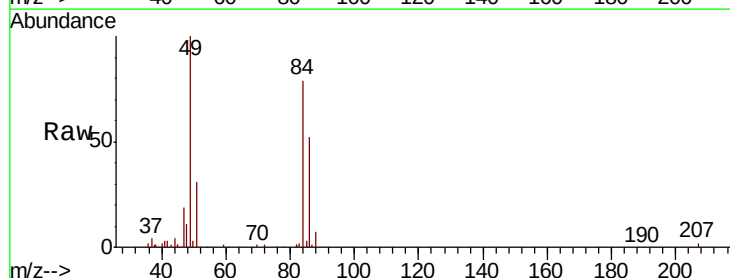
Ion Ratio Lower Upper

84 100

49 125.5 106.6 159.8

51 38.6 32.7 49.1

86 66.2 53.0 79.6

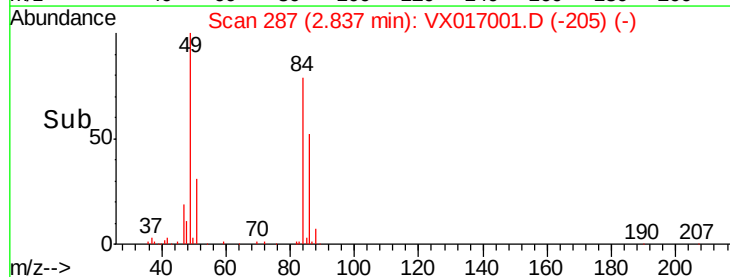
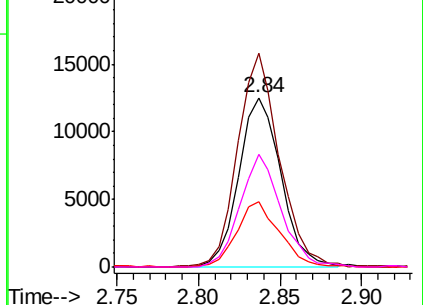


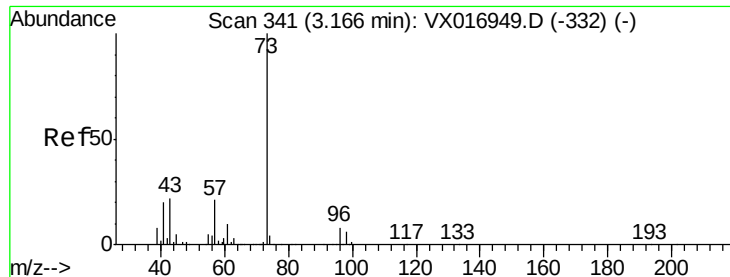
Abundance Ion 84.00 (83.70 to 84.70): VX0

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





#24

Methyl tert-Butyl Ether

Concen: 1.075 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX017001.D

Acq: 27 Jun 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

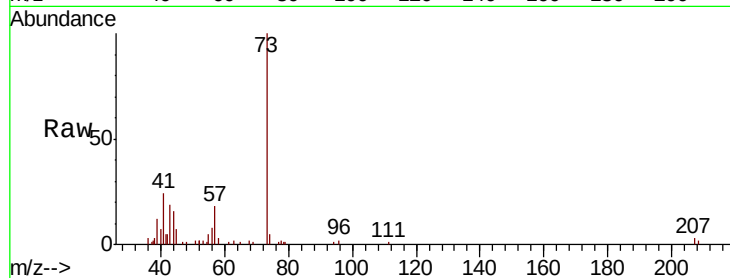
200624027-01-TRIP-BLANK

Tot Ion: 73 Resp: 12179

Ion Ratio Lower Upper

73 100

43 21.8 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

3.17

6000

5000

4000

3000

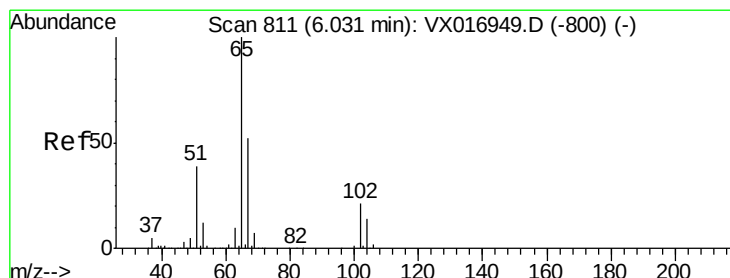
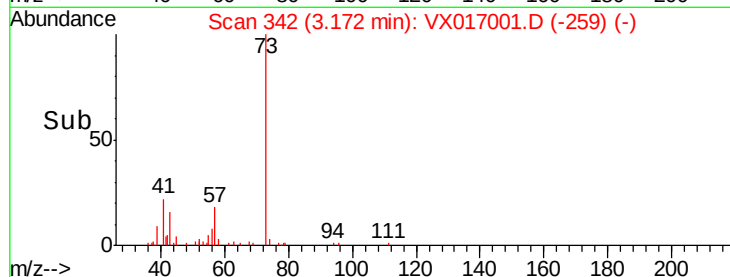
2000

1000

0

Time-->

3.10 3.15 3.20 3.25



#27

1,2-Dichloroethane-d4

Concen: 29.672 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017001.D

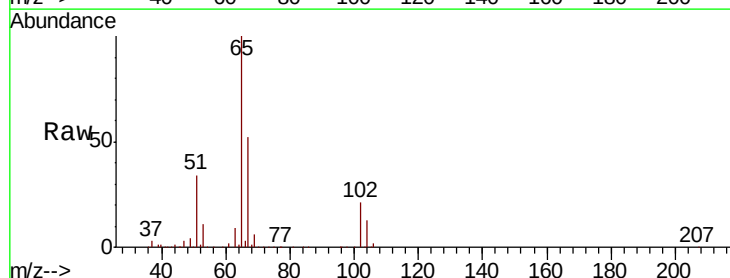
Acq: 27 Jun 2020 00:03

Tgt Ion: 65 Resp: 128060

Ion Ratio Lower Upper

65 100

67 51.2 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

50000

40000

30000

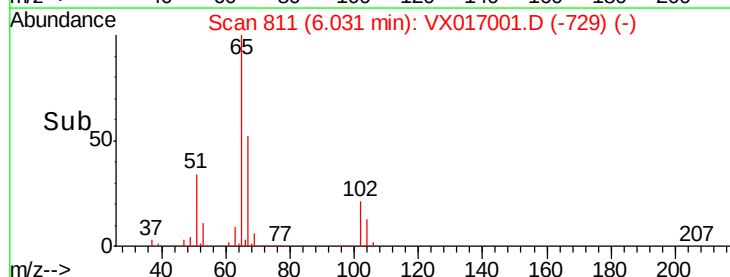
20000

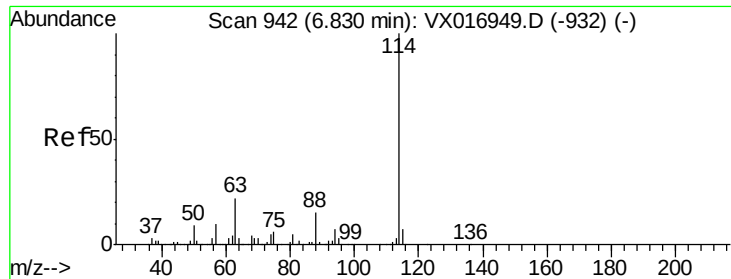
10000

0

Time-->

5.90 6.00 6.10

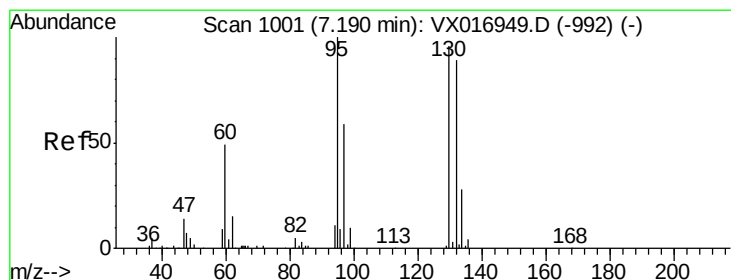
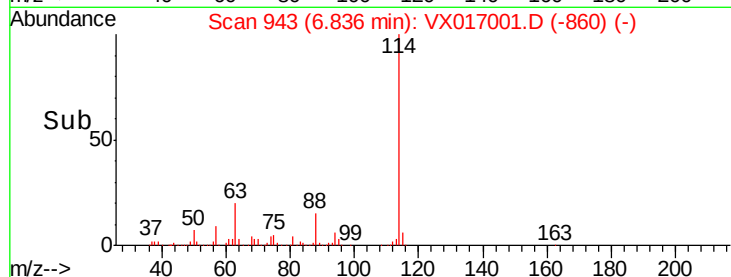
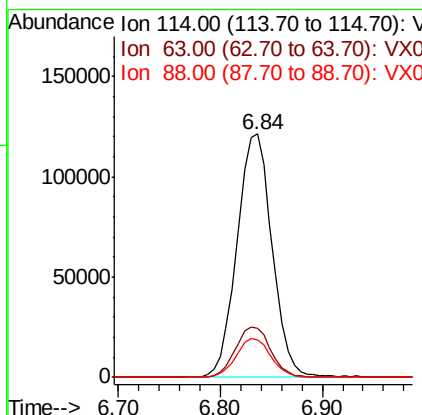
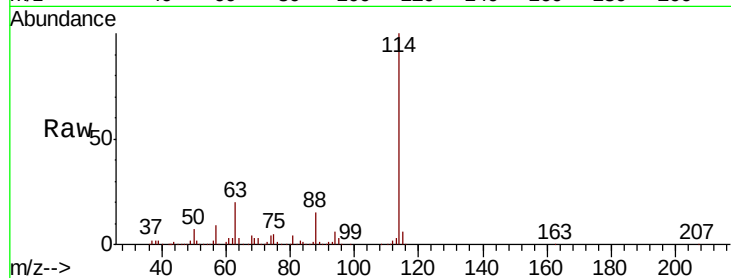




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017001.D
 Acq: 27 Jun 2020 00:03

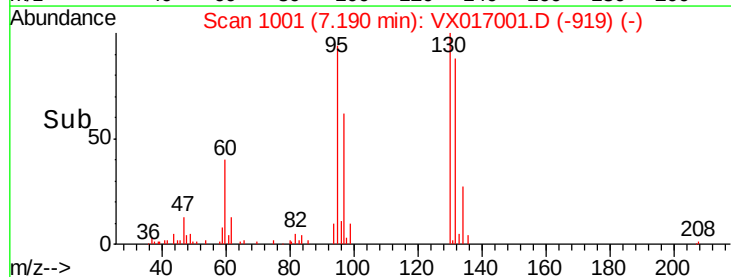
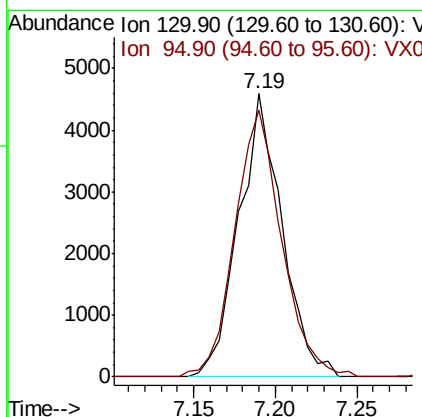
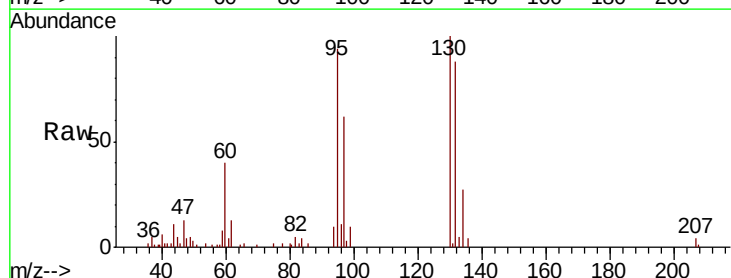
Instrument :
 MSVOA_X
 ClientSampleId :
 200624027-01-TRIP-BLANK

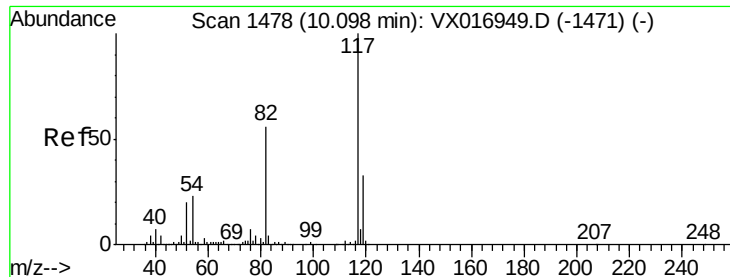
Tot Ion:114 Resp: 289540
 Ion Ratio Lower Upper
 114 100
 63 20.9 17.4 26.2
 88 15.8 13.0 19.6



#37
 Trichloroethene
 Concen: 2.271 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017001.D
 Acq: 27 Jun 2020 00:03

Tgt Ion:130 Resp: 8512
 Ion Ratio Lower Upper
 130 100
 95 92.8 83.1 124.7

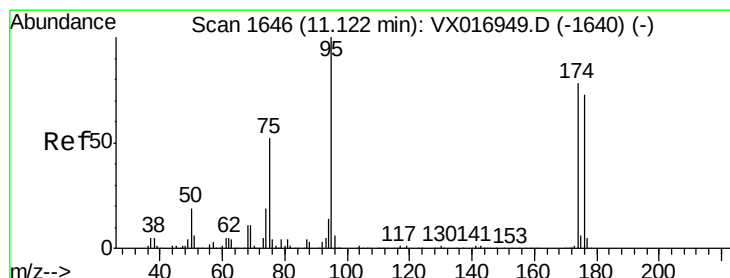
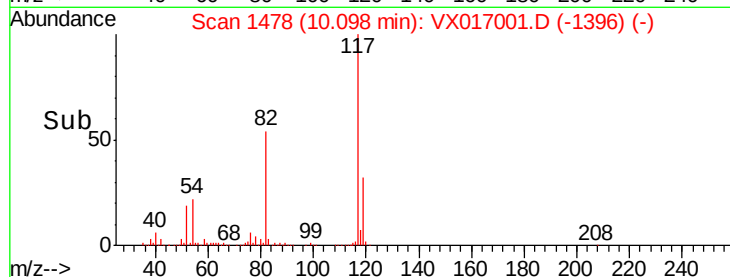
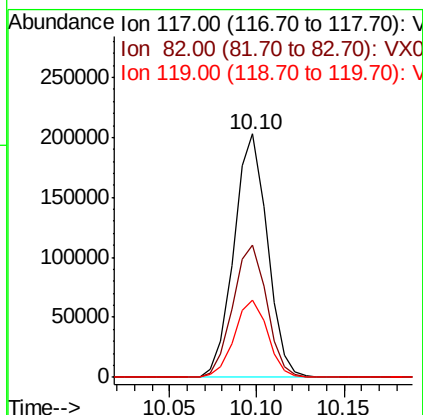
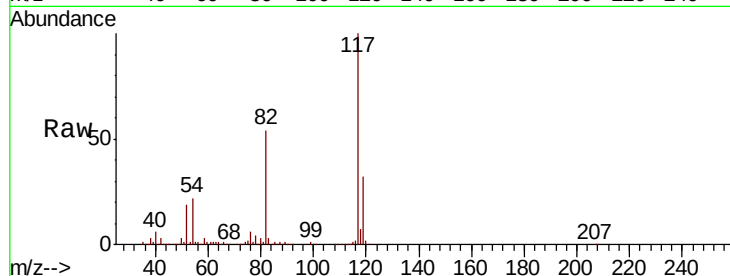




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017001.D
Acq: 27 Jun 2020 00:03

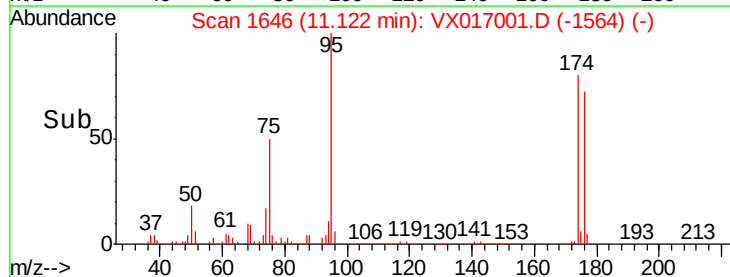
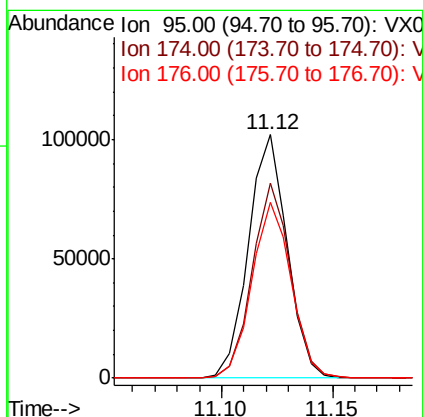
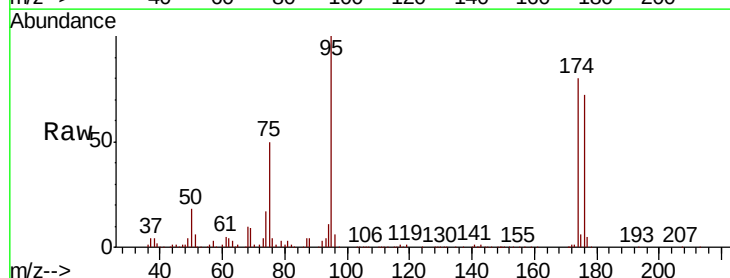
Instrument :
MSVOA_X
ClientSampleId :
200624027-01-TRIP-BLANK

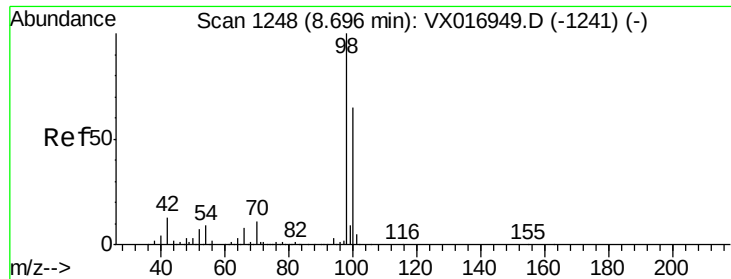
Tot Ion:117 Resp: 270593
Ion Ratio Lower Upper
117 100
82 55.1 44.9 67.3
119 31.7 25.8 38.8



#60
4-Bromofluorobenzene
Concen: 27.521 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017001.D
Acq: 27 Jun 2020 00:03

Tgt Ion: 95 Resp: 124195
Ion Ratio Lower Upper
95 100
174 78.9 62.2 93.4
176 73.1 58.9 88.3





#63
 Toluene-d8
 Concen: 28.648 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017001.D
 Acq: 27 Jun 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 200624027-01-TRIP-BLANK

Tot Ion: 98 Resp: 341711
 Ion Ratio Lower Upper
 98 100
 100 67.2 52.3 78.5

