

Data File : VX002871.D
Acq On : 25 Jun 2018 20:48
Operator : JC/MD
Sample : J3592-02DL 2X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Quant Time: Jul 09 05:07:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170879	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	5.51	113	133489	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	8.72	98	501475	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.14	95	179183	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	

Target Compounds

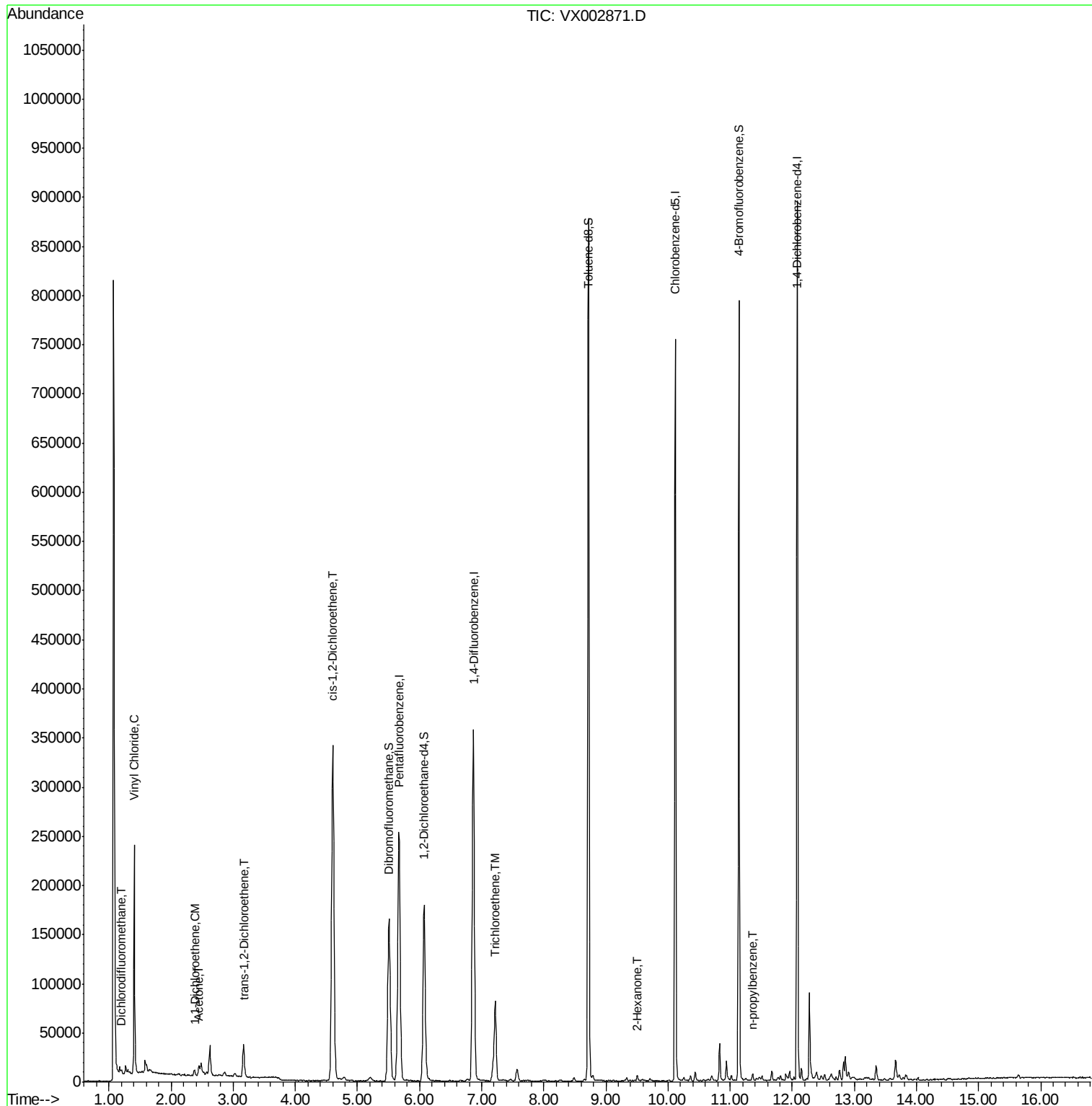
						Qvalue
2) Dichlorodifluoromethane	1.20	85	1864	0.523	ug/l	96
4) Vinyl Chloride	1.40	62	144883	50.321	ug/l	100
12) 1,1-Dichloroethene	2.37	96	1556	0.620	ug/l #	83
16) Acetone	2.45	43	10843	7.440	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	13232	4.838	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	213254	69.549	ug/l	83
44) Trichloroethene	7.21	130	31572	9.313	ug/l	99
59) 2-Hexanone	9.51	43	2575	0.766	ug/l	73
78) n-propylbenzene	11.37	91	3895	0.273	ug/l	97

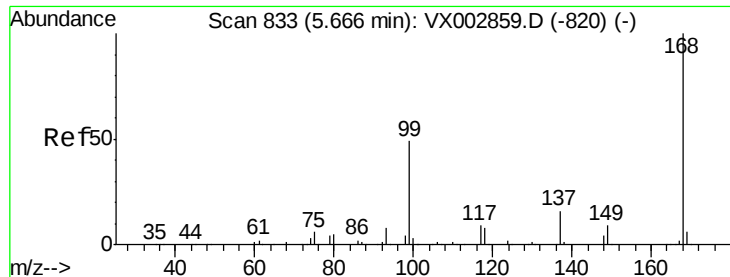
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampled :

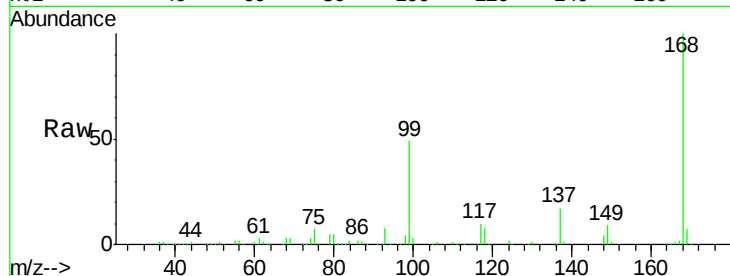
S32-0627DL

Tgt Ion:168 Resp: 254592

Ion Ratio Lower Upper

168 100

99 49.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

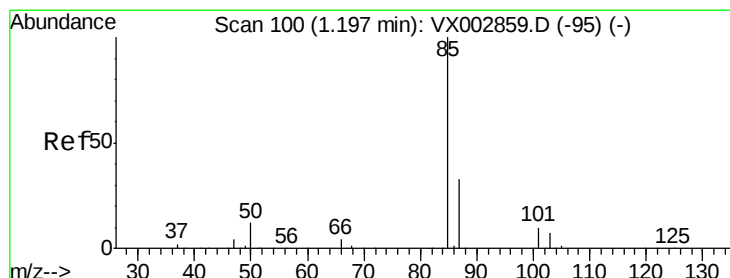
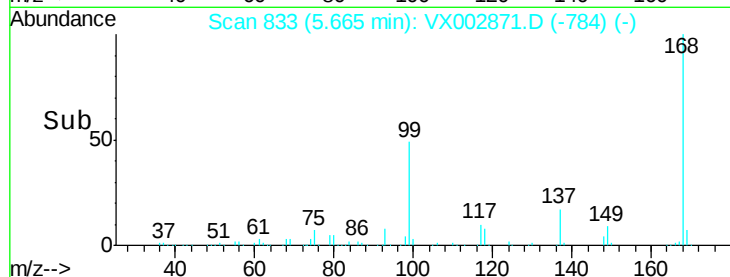
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.523 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002871.D

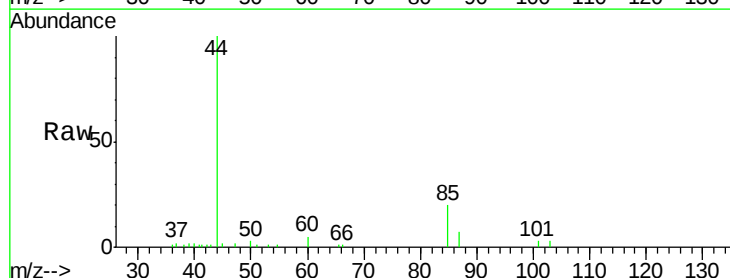
Acq: 25 Jun 2018 20:48

Tgt Ion: 85 Resp: 1864

Ion Ratio Lower Upper

85 100

87 34.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

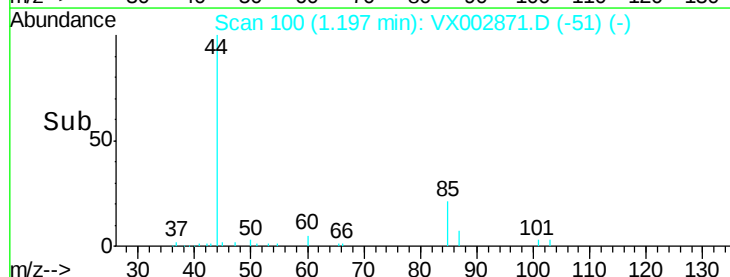
1500

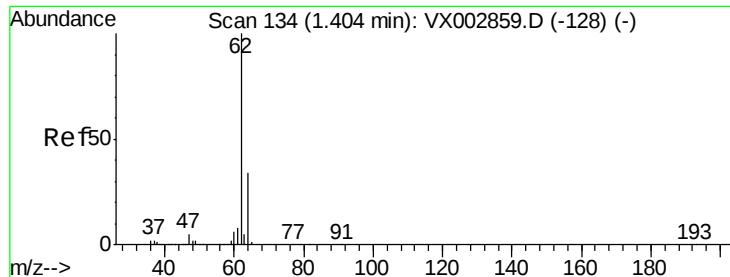
1000

500

0

Time--> 1.20 1.25





#4

Vinyl Chloride

Concen: 50.321 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

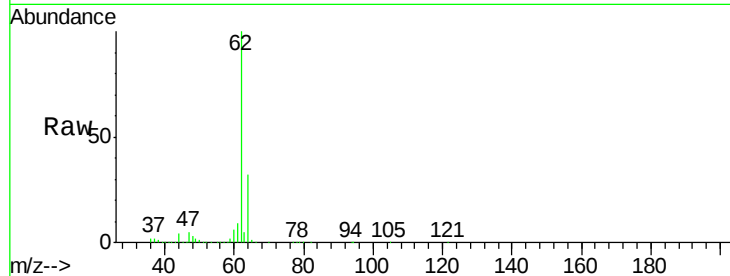
S32-0627DL

Tgt Ion: 62 Resp: 144883

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

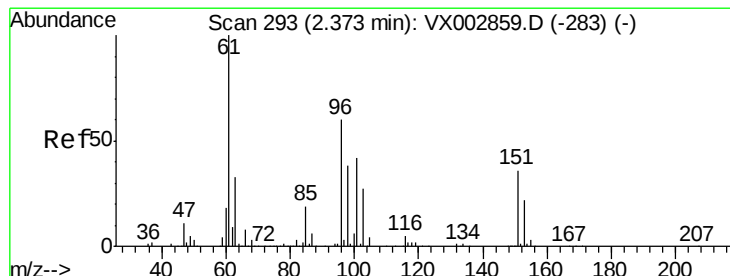
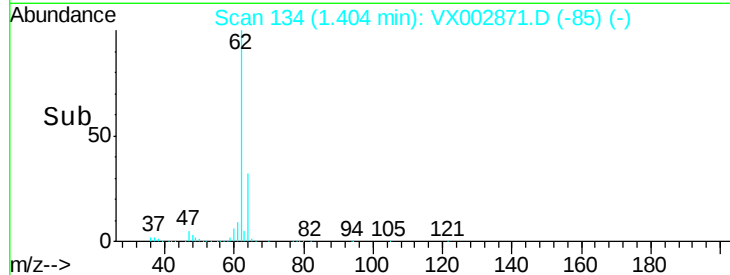
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.620 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

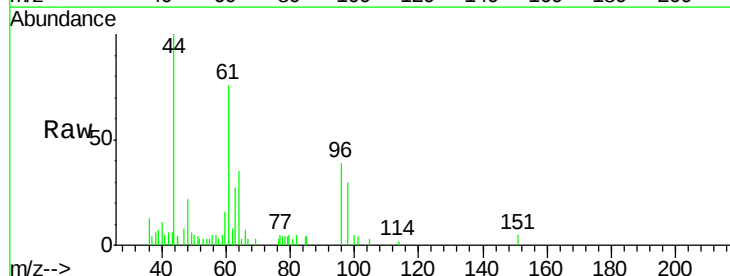
Tgt Ion: 96 Resp: 1556

Ion Ratio Lower Upper

96 100

61 195.5 137.9 206.9

98 78.2 51.6 77.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

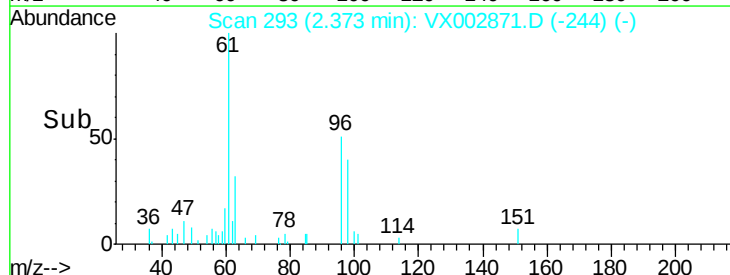
1500

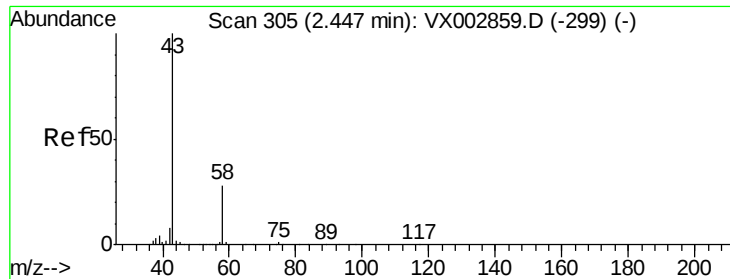
1000

500

0

Time-->





#16

Acetone

Concen: 7.440 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

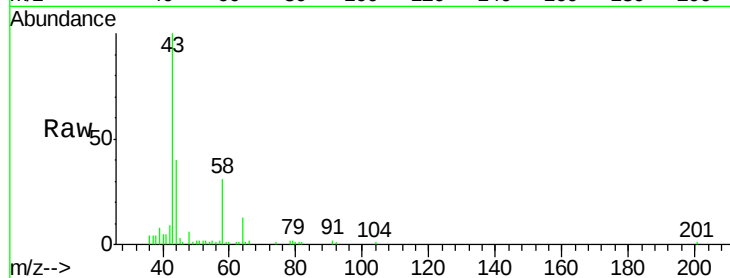
S32-0627DL

Tgt Ion: 43 Resp: 10843

Ion Ratio Lower Upper

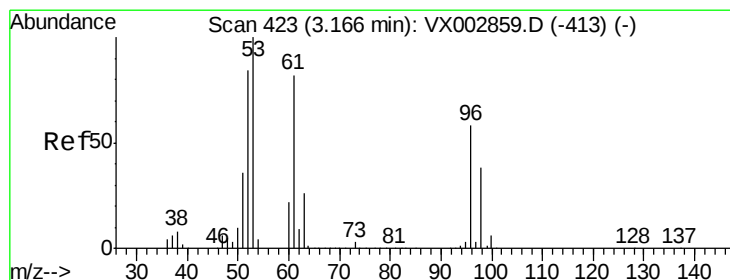
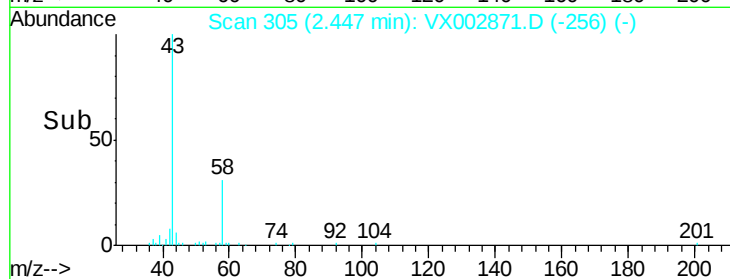
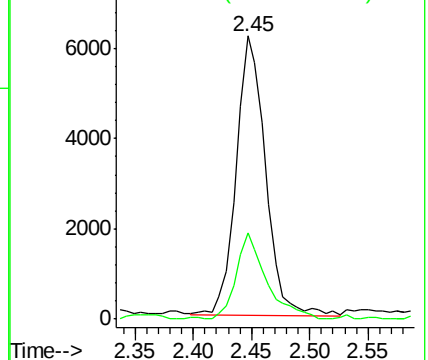
43 100

58 30.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 4.838 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

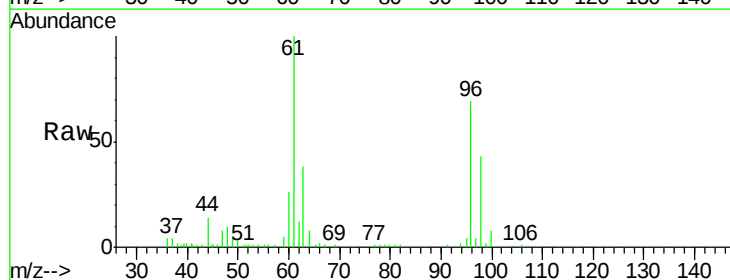
Tgt Ion: 96 Resp: 13232

Ion Ratio Lower Upper

96 100

61 145.9 117.0 175.4

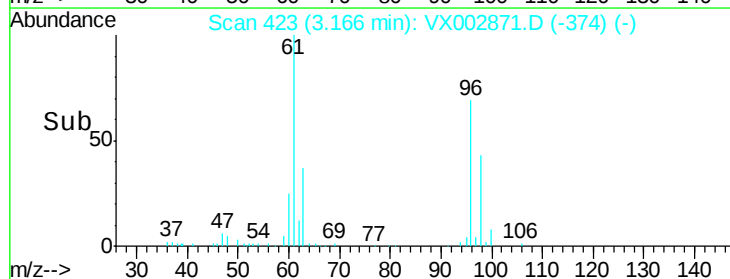
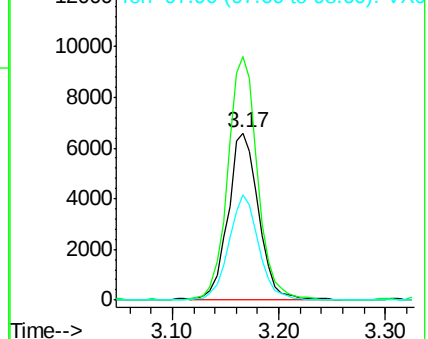
98 63.0 52.4 78.6

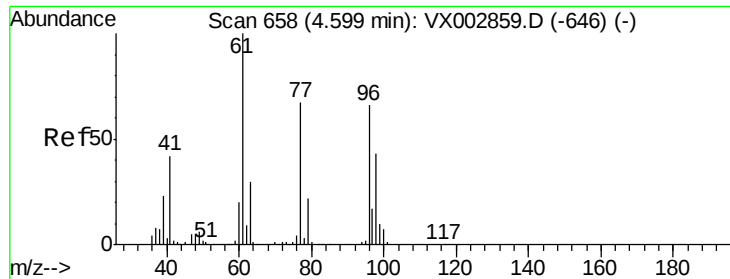


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



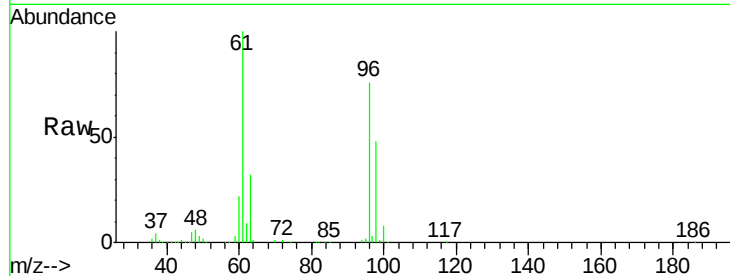


#27

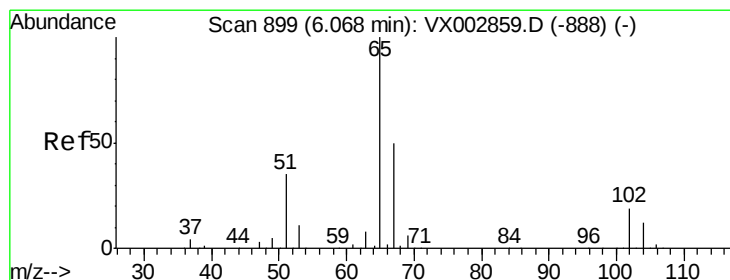
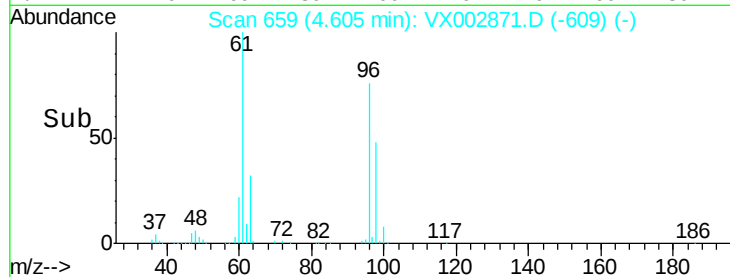
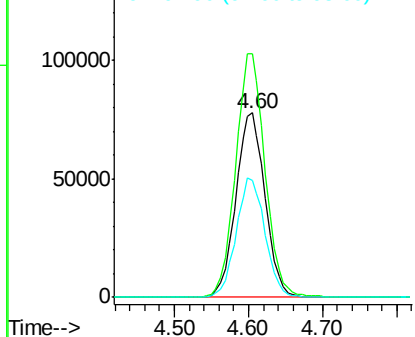
cis-1,2-Dichloroethene
 Concen: 69.549 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002871.D
 Acq: 25 Jun 2018 20:48

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0627DL

Tgt Ion: 96 Resp: 213254
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 330.2
 98 64.2 0.0 130.2



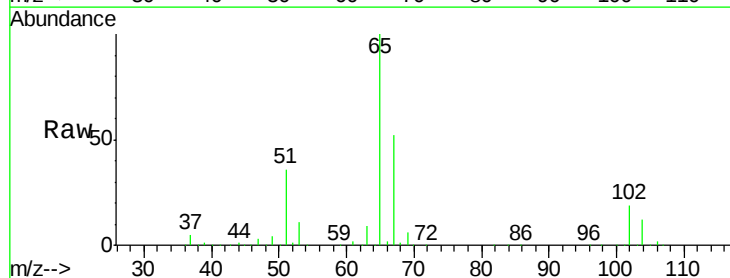
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



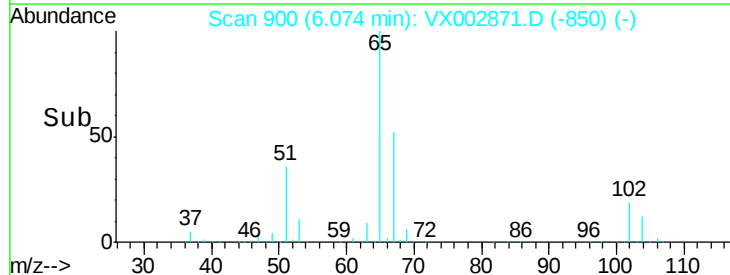
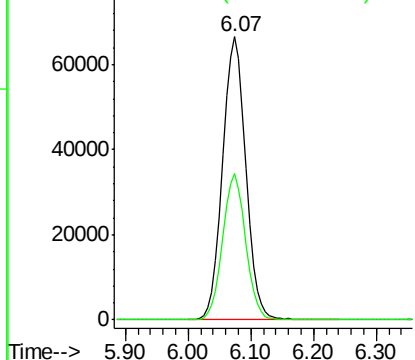
#33

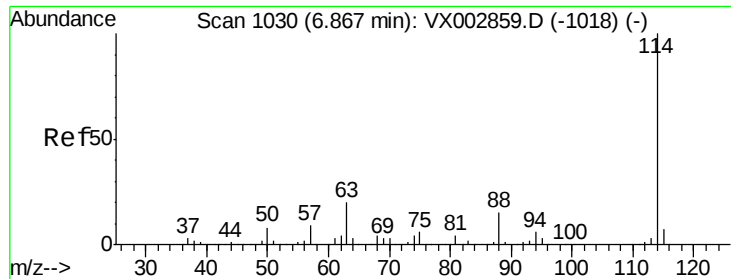
1,2-Dichloroethane-d4
 Concen: 48.559 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002871.D
 Acq: 25 Jun 2018 20:48

Tgt Ion: 65 Resp: 170879
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

S32-0627DL

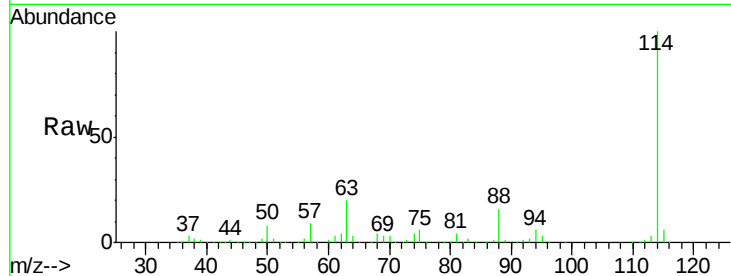
Tgt Ion:114 Resp: 356869

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

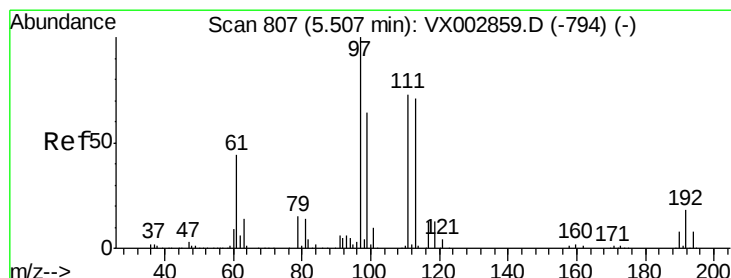
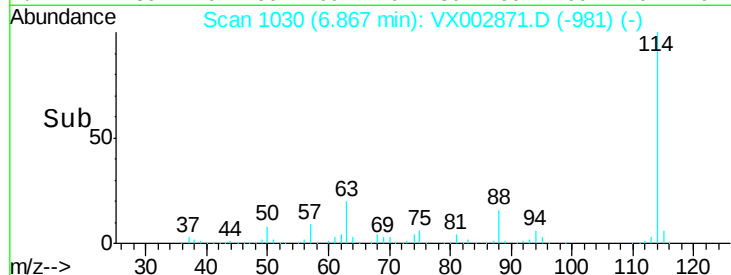
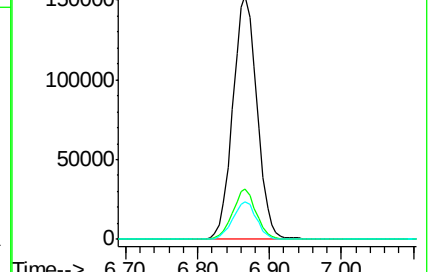
88 15.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.235 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

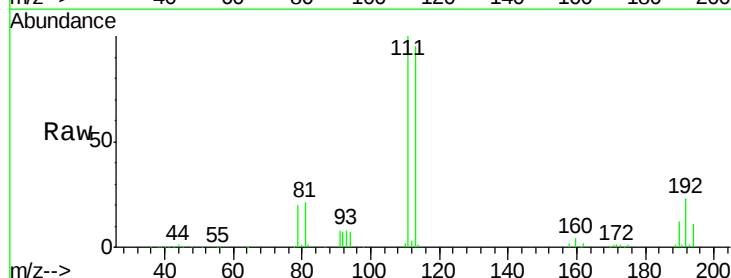
Tgt Ion:113 Resp: 133489

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

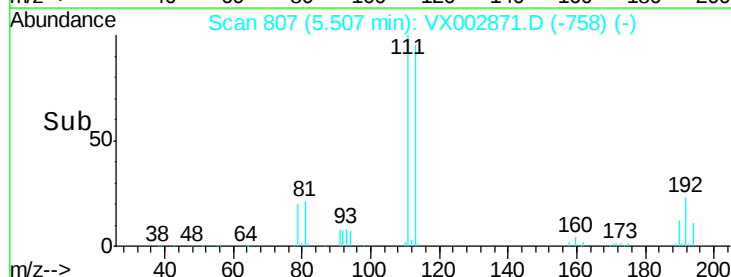
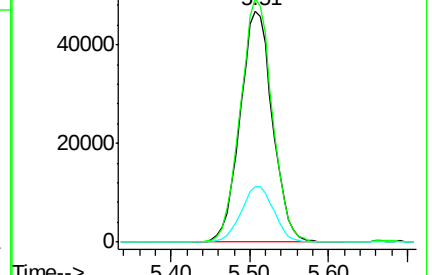
192 24.4 19.1 28.7

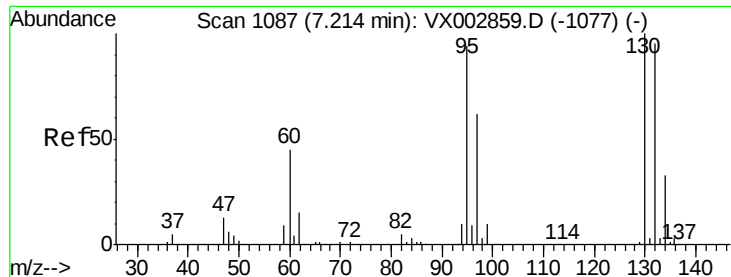


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 9.313 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

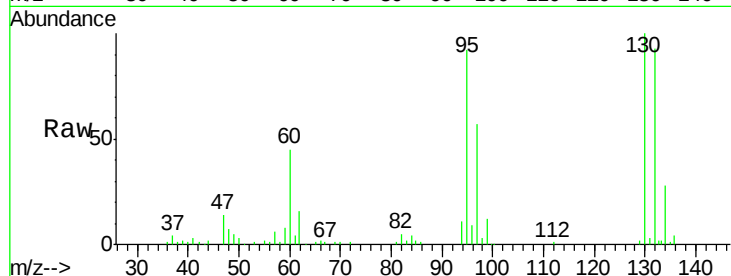
S32-0627DL

Tgt Ion:130 Resp: 31572

Ion Ratio Lower Upper

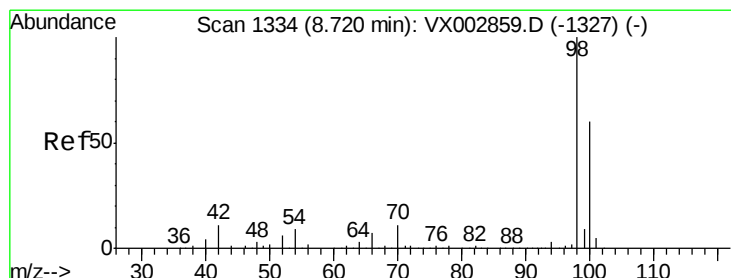
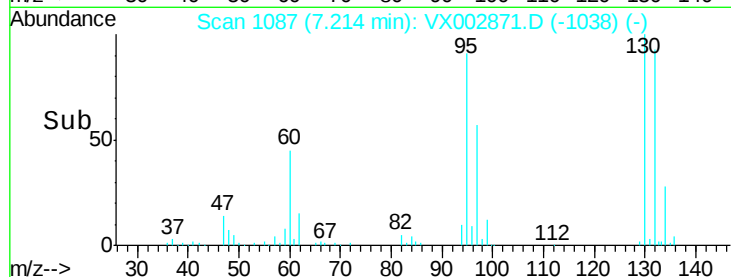
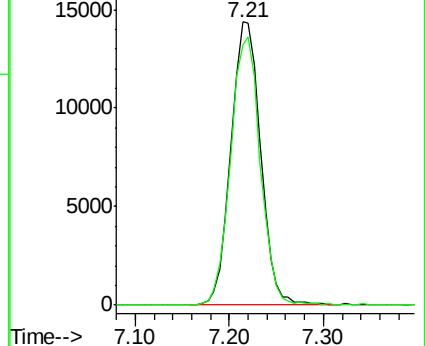
130 100

95 91.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.592 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002871.D

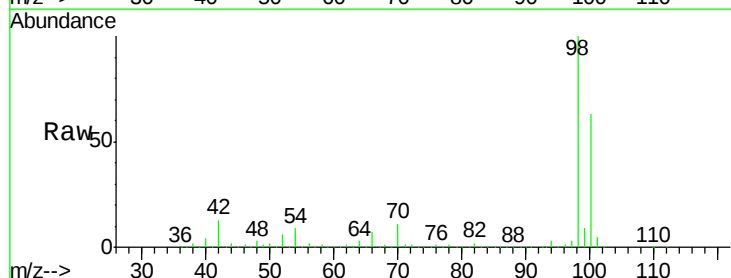
Acq: 25 Jun 2018 20:48

Tgt Ion: 98 Resp: 501475

Ion Ratio Lower Upper

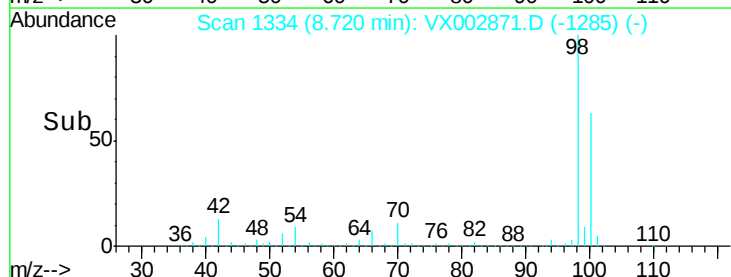
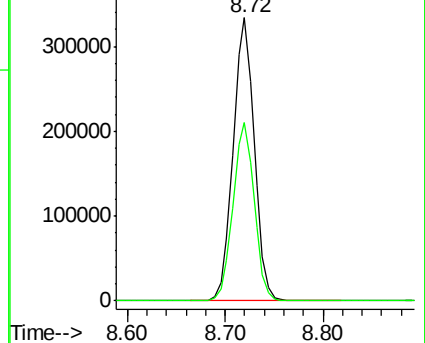
98 100

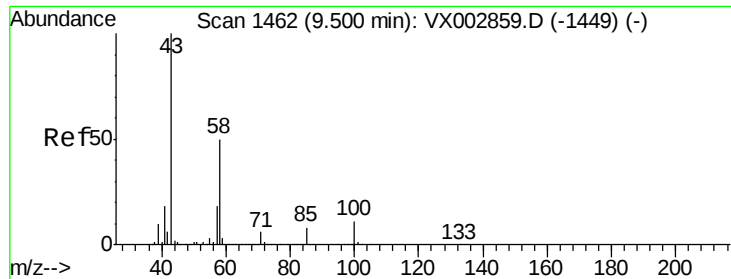
100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

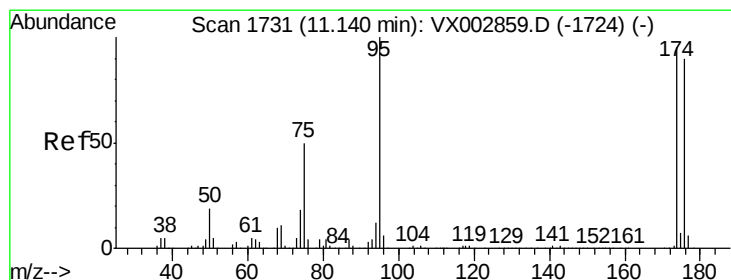
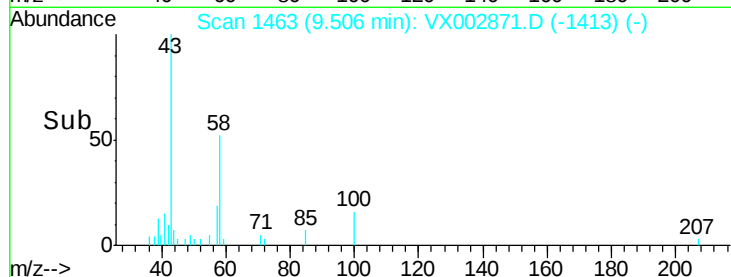
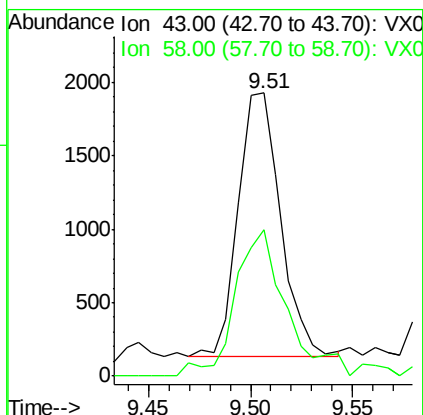
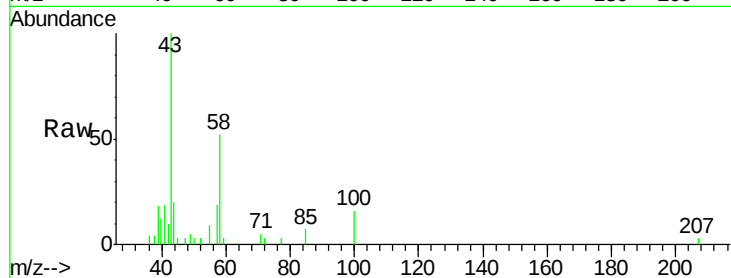




#59
2-Hexanone
Concen: 0.766 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

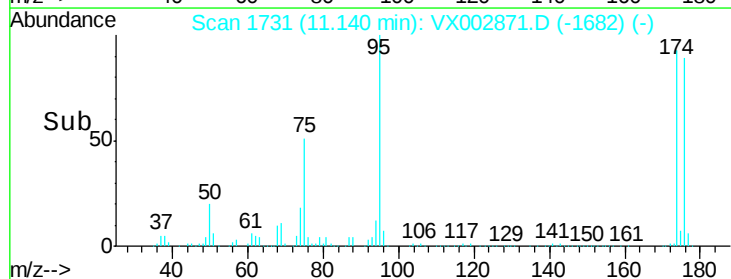
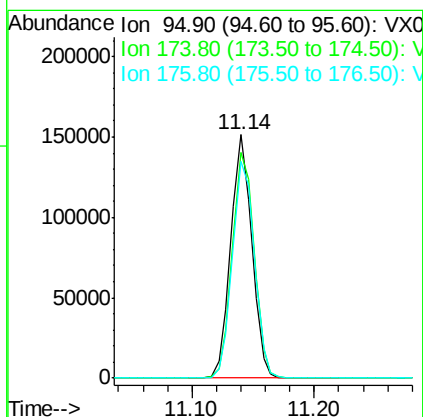
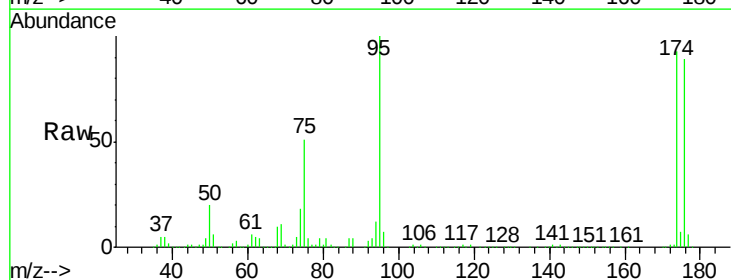
Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

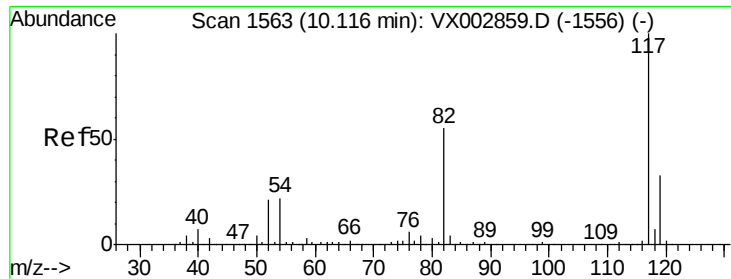
Tgt Ion: 43 Resp: 2575
Ion Ratio Lower Upper
43 100
58 67.2 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 45.020 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 95 Resp: 179183
Ion Ratio Lower Upper
95 100
174 96.6 0.0 187.4
176 92.9 0.0 181.0

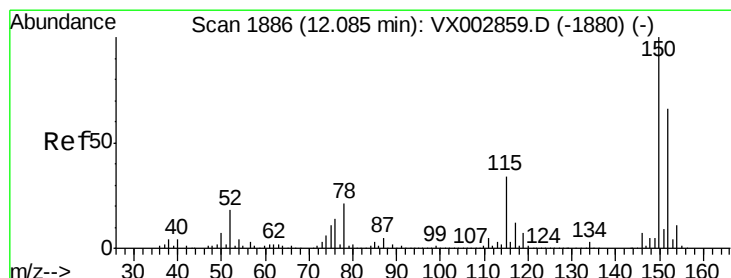
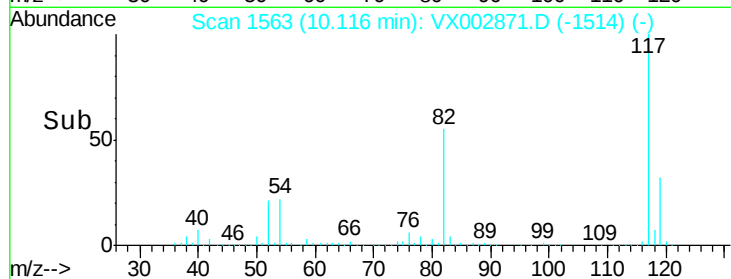
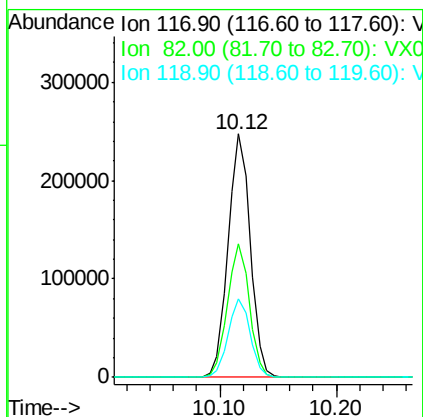
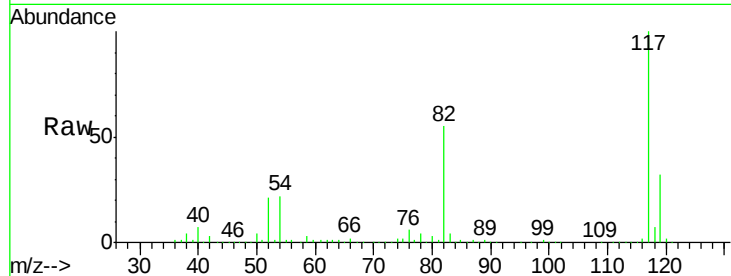




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

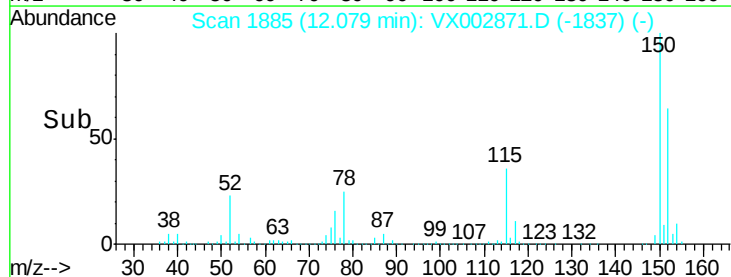
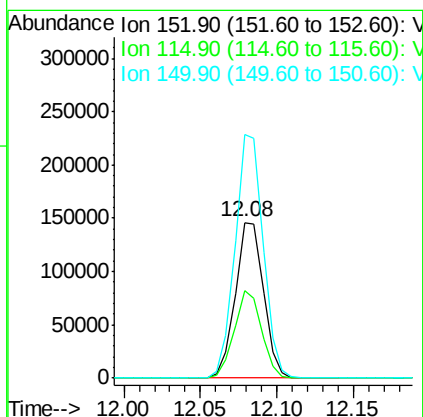
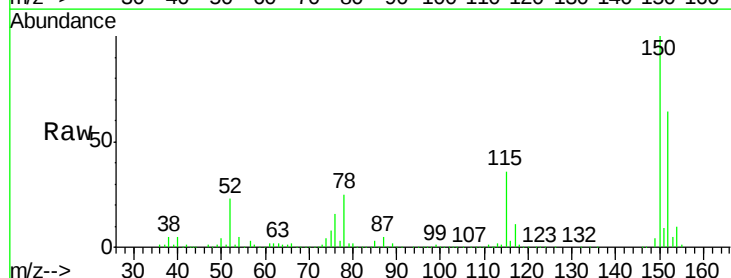
Instrument :
MSVOA_X
ClientSampled :
S32-0627DL

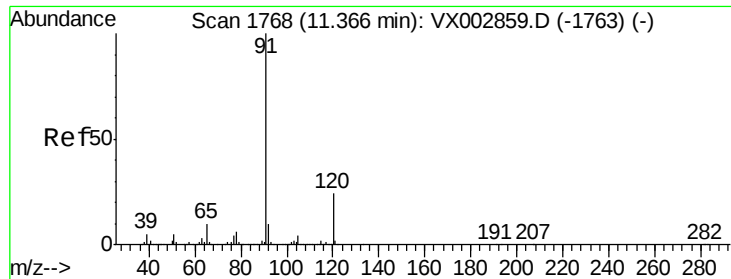
Tgt Ion:117 Resp: 328234
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion:152 Resp: 186631
Ion Ratio Lower Upper
152 100
115 54.4 40.1 120.2
150 156.2 0.0 347.2





#78

n-propylbenzene

Concen: 0.273 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002871.D

Acq: 25 Jun 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

S32-0627DL

Tgt Ion: 91 Resp: 3895

Ion Ratio Lower Upper

91 100

120 25.2 11.8 35.4

