

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066633.D
 Acq On : 11 Sep 2020 01:17
 Operator : VA/SY
 Sample : L3937-02
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-02-1.0-2.0

Quant Time: Sep 11 02:11:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

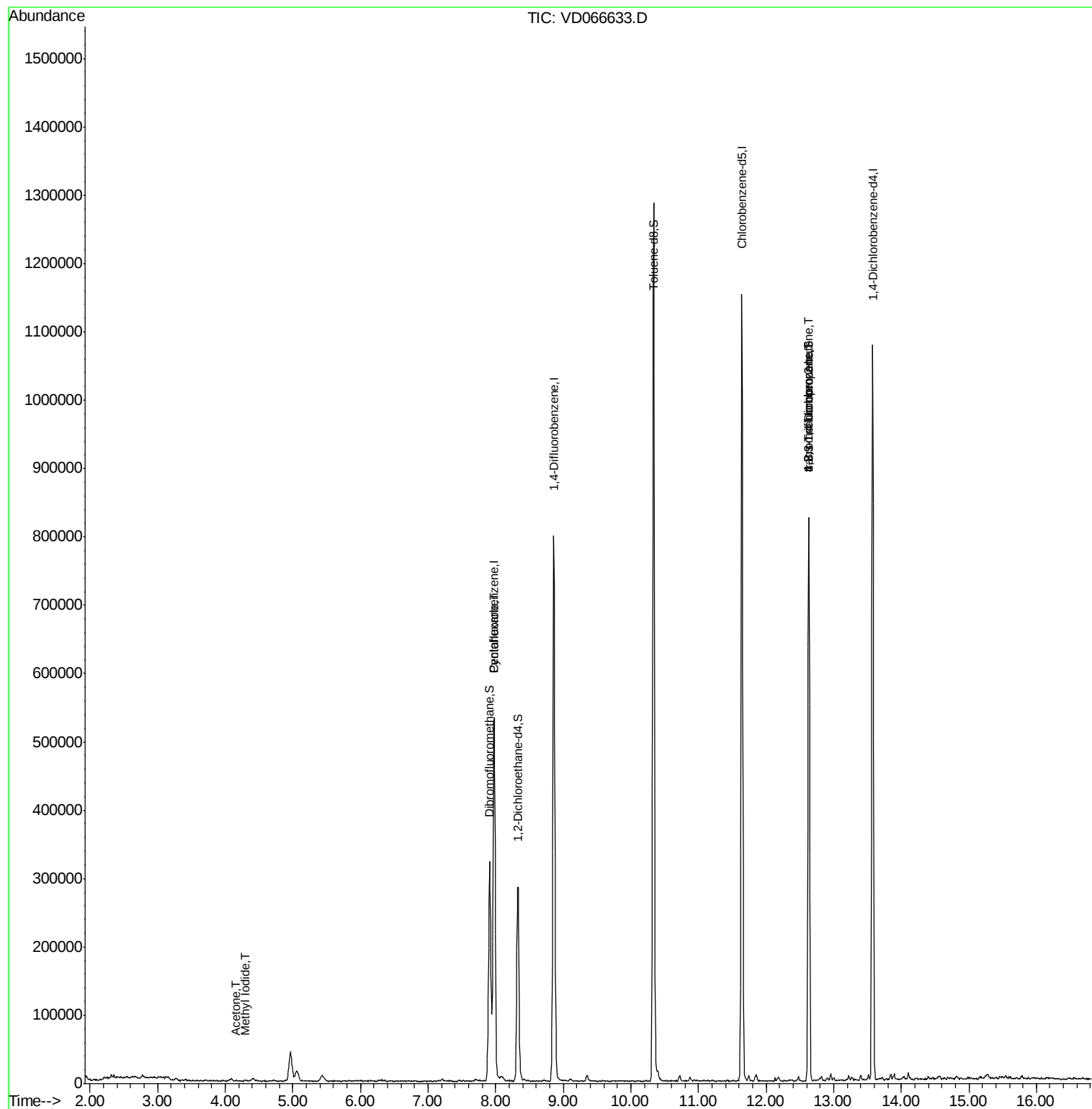
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	359940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	659236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	607668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236241	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.91	113	224412	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
50) Toluene-d8	10.34	98	805311	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.63	95	256328	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1080	Below Cal		75
5) Bromomethane	2.79	94	2645	Below Cal		90
10) Methyl Iodide	4.29	142	1296	4.347 ug/l #		85
11) Tert butyl alcohol	5.17	59	54	Below Cal #		74
16) Acetone	4.16	43	935	1.167 ug/l #		46
31) Cyclohexane	7.98	56	12001	1.689 ug/l #		57
76) 1,2,3-Trichloropropane	12.63	75	145665	56.996 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.63	75	145665	133.067 ug/l #		7

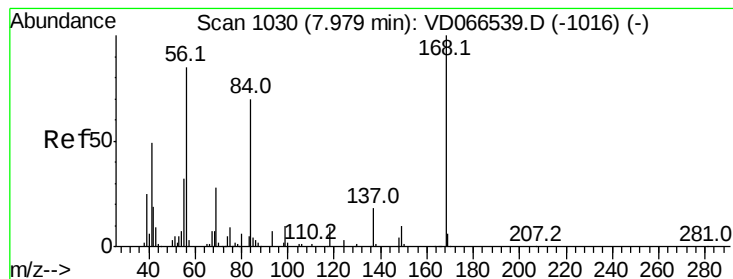
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066633.D
Acq On : 11 Sep 2020 01:17
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066633.D

Acq: 11 Sep 2020 01:17

Instrument :

MSVOA_D

ClientSampleId :

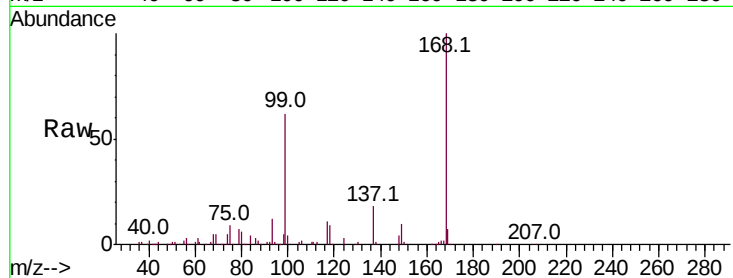
BSY-SB-02-1.0-2.0

Tot Ion:168 Resp: 359940

Ion Ratio Lower Upper

168 100

99 61.8 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

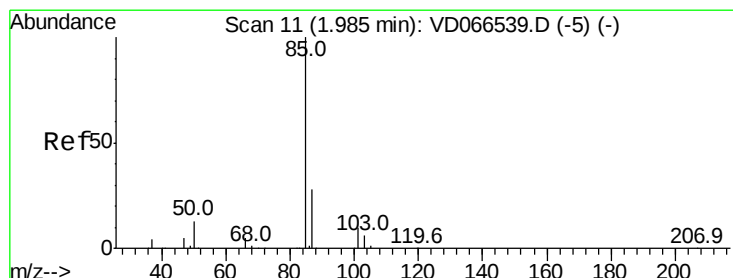
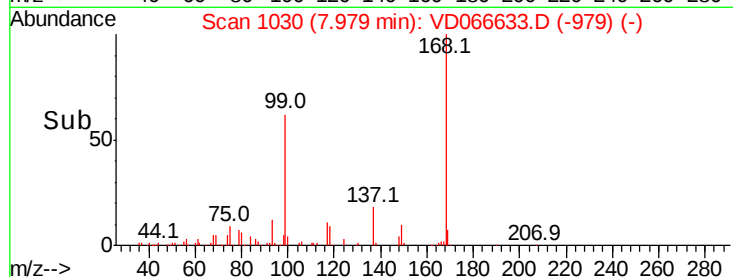
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066633.D

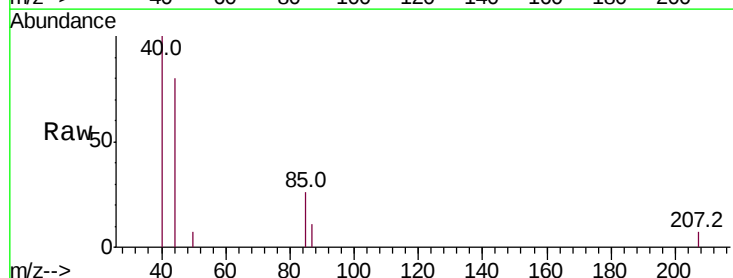
Acq: 11 Sep 2020 01:17

Tgt Ion: 85 Resp: 1080

Ion Ratio Lower Upper

85 100

87 41.4 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

800

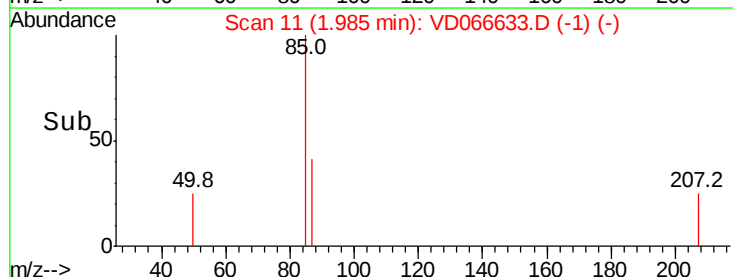
600

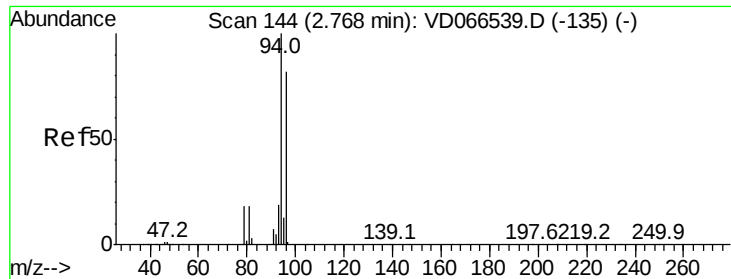
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.02 min

Lab File: VD066633.D

Acq: 11 Sep 2020 01:17

Instrument :

MSVOA_D

ClientSampleId :

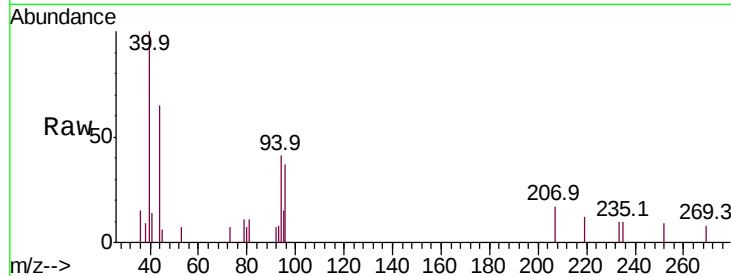
BSY-SB-02-1.0-2.0

Tot Ion: 94 Resp: 2645

Ion Ratio Lower Upper

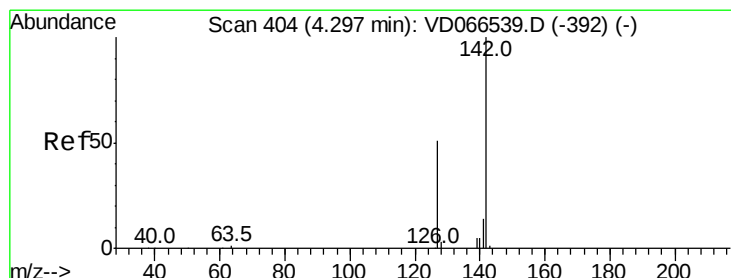
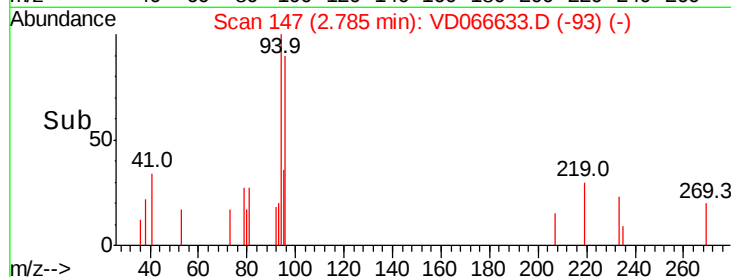
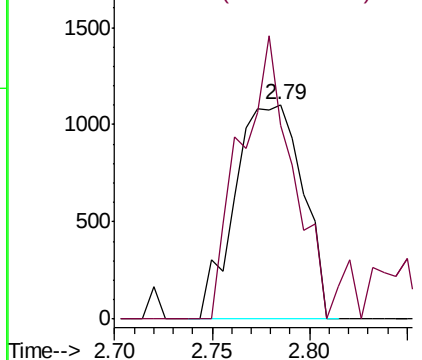
94 100

96 90.2 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#10

Methyl Iodide

Concen: 4.347 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066633.D

Acq: 11 Sep 2020 01:17

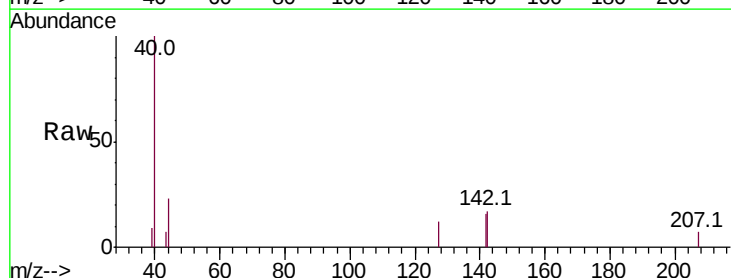
Tgt Ion: 142 Resp: 1296

Ion Ratio Lower Upper

142 100

127 42.6 40.6 61.0

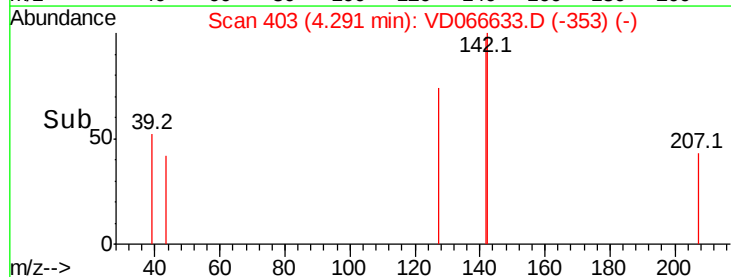
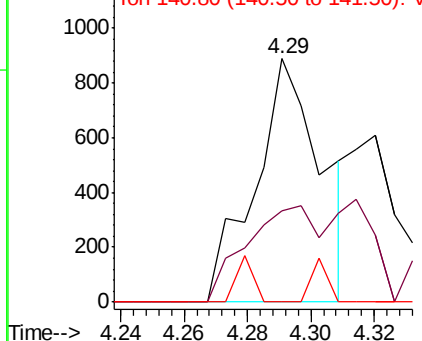
141 4.3 12.2 18.4#

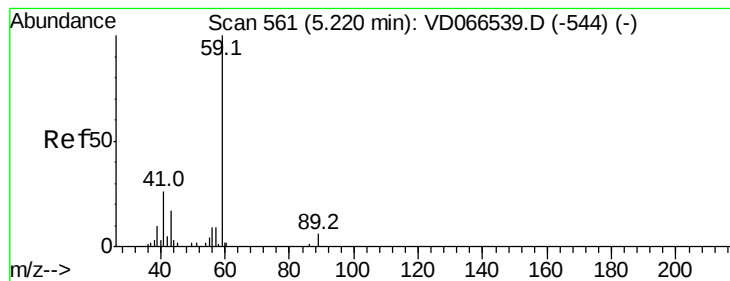


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



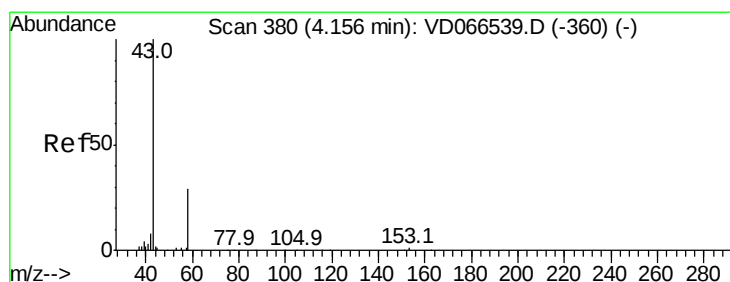
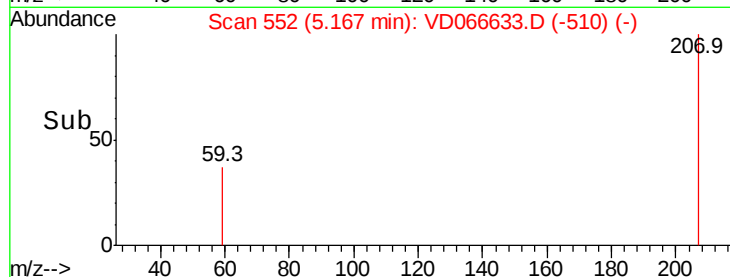
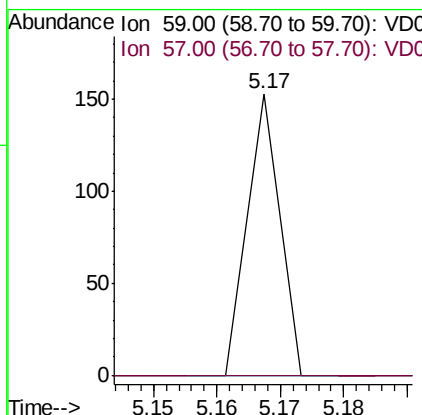
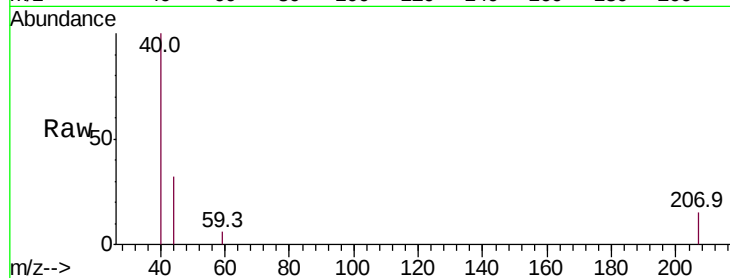


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: VD066633.D
 Acq: 11 Sep 2020 01:17

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-02-1.0-2.0

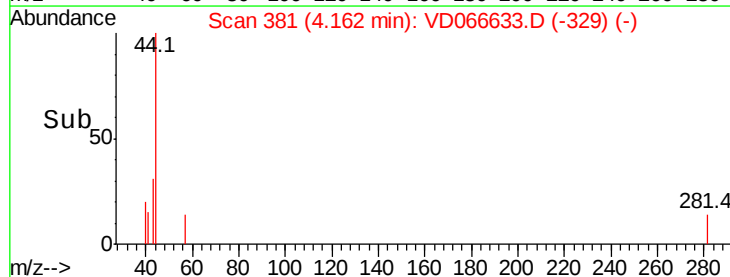
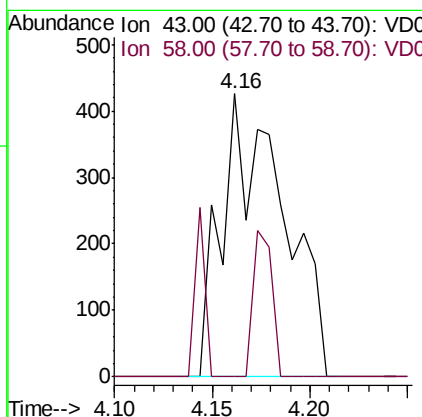
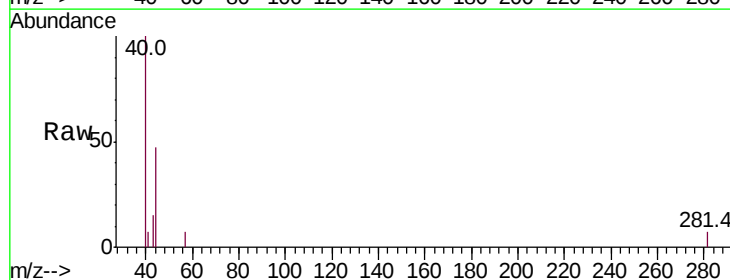
Tot Ion: 59 Resp: 54
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

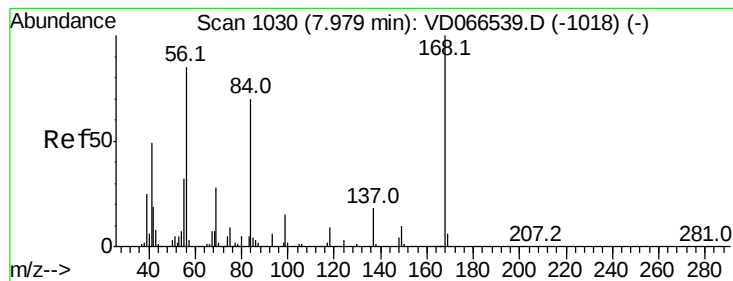


#16

Acetone
 Concen: 1.167 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066633.D
 Acq: 11 Sep 2020 01:17

Tgt Ion: 43 Resp: 935
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.9 34.3#





#31

Cyclohexane

Concen: 1.689 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066633.D

Acq: 11 Sep 2020 01:17

Instrument :

MSVOA_D

ClientSampleId :

BSY-SB-02-1.0-2.0

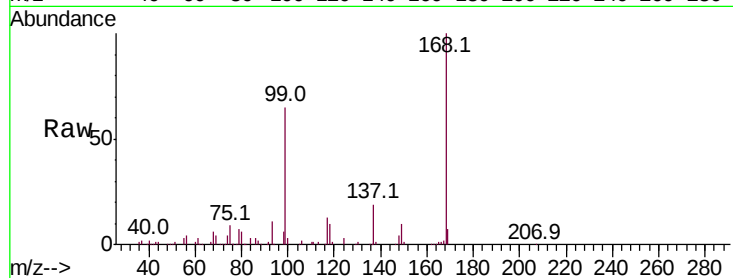
Tot Ion: 56 Resp: 12001

Ion Ratio Lower Upper

56 100

69 113.2 26.3 39.5#

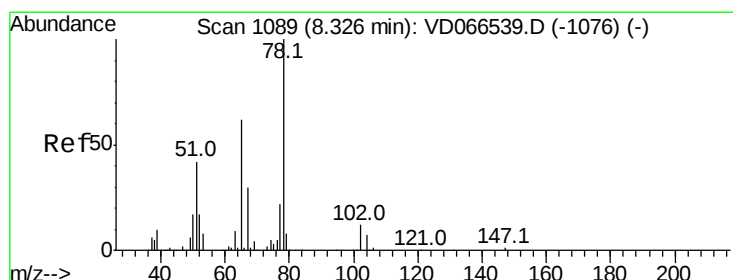
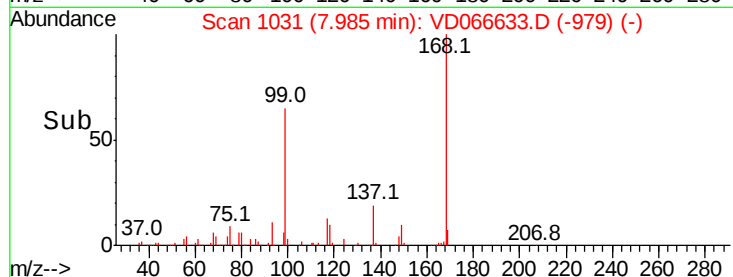
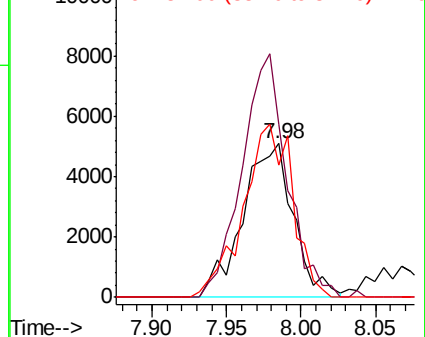
84 86.0 66.1 99.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.247 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066633.D

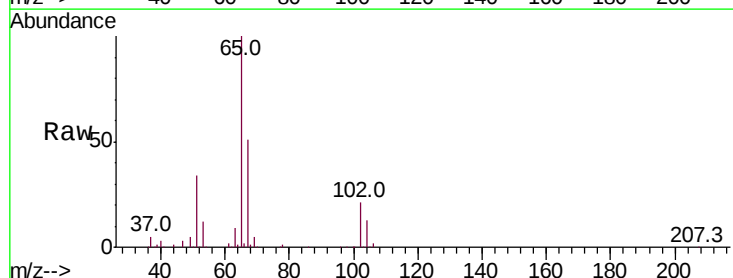
Acq: 11 Sep 2020 01:17

Tgt Ion: 65 Resp: 236241

Ion Ratio Lower Upper

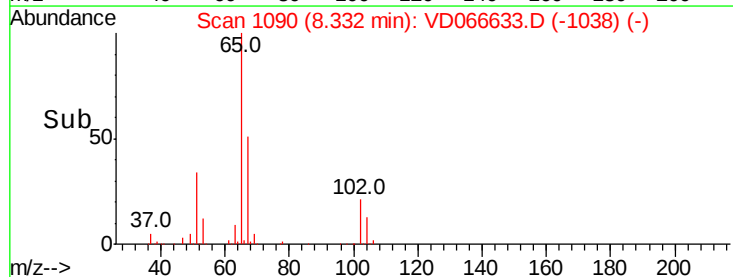
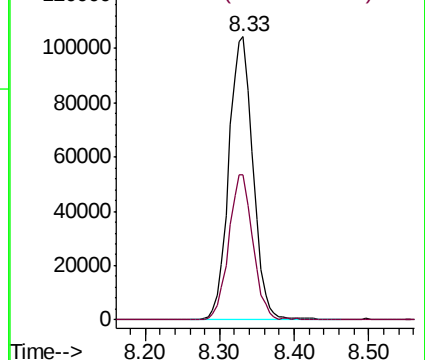
65 100

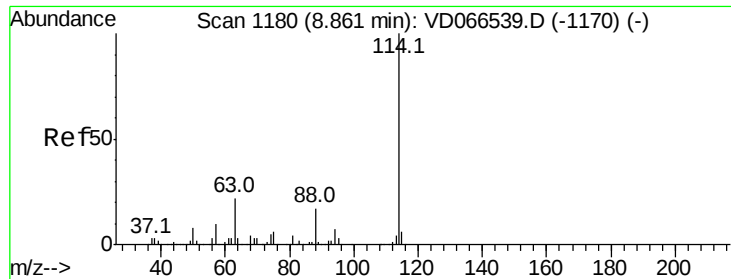
67 50.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

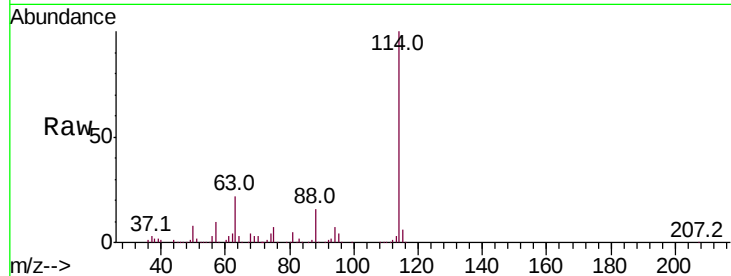




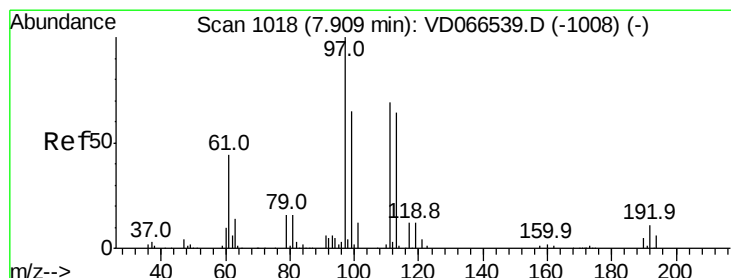
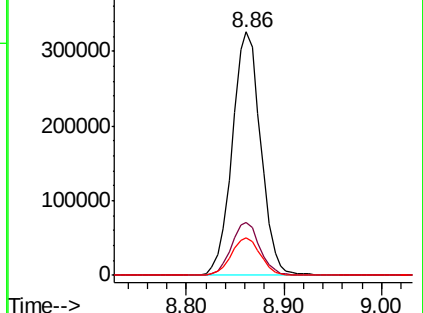
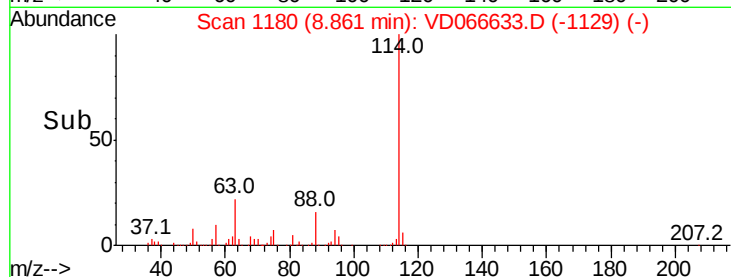
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066633.D
 Acq: 11 Sep 2020 01:17

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-02-1.0-2.0

Tot Ion:114 Resp: 659236
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.6 0.0 33.2

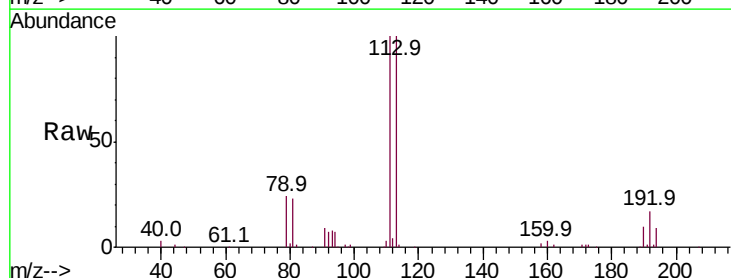


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

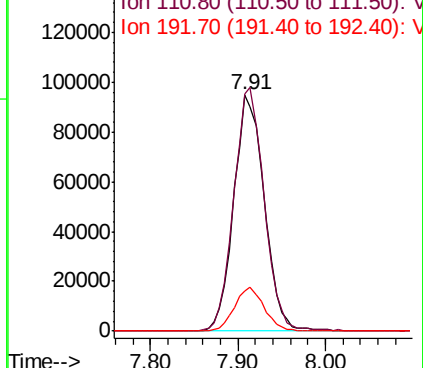
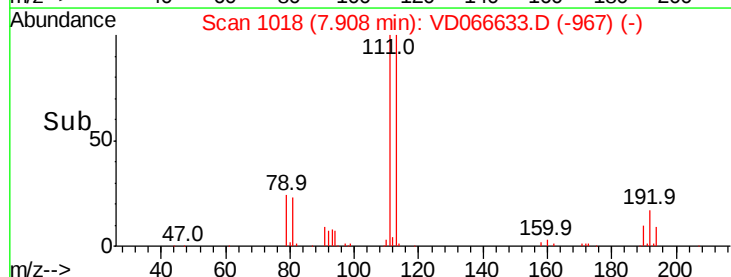


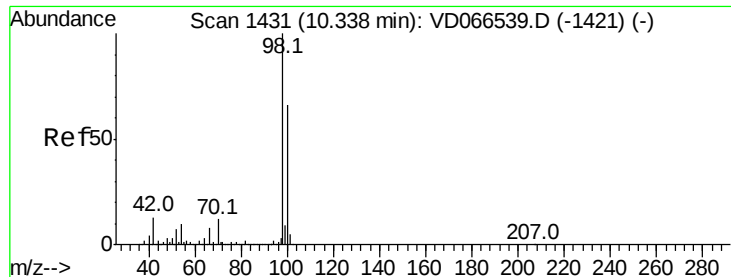
#35
 Dibromofluoromethane
 Concen: 50.461 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066633.D
 Acq: 11 Sep 2020 01:17

Tgt Ion:113 Resp: 224412
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.2 124.8
 192 17.9 13.7 20.5



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





#50

Toluene-d8

Concen: 50.664 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066633.D

Acq: 11 Sep 2020 01:17

Instrument :

MSVOA_D

ClientSampleId :

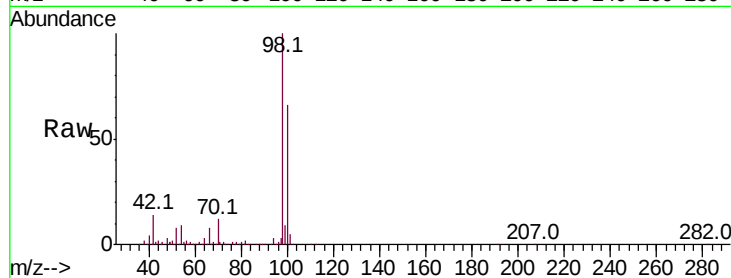
BSY-SB-02-1.0-2.0

Tot Ion: 98 Resp: 805311

Ion Ratio Lower Upper

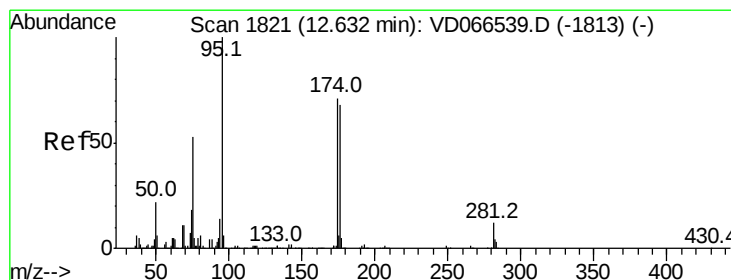
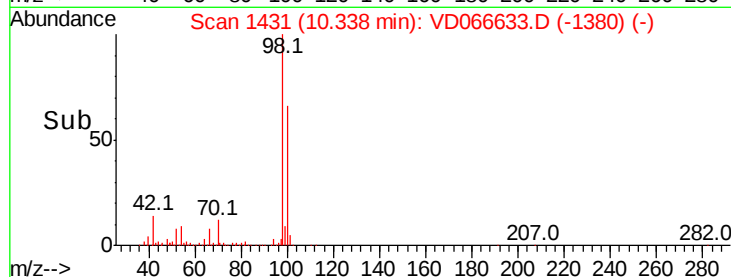
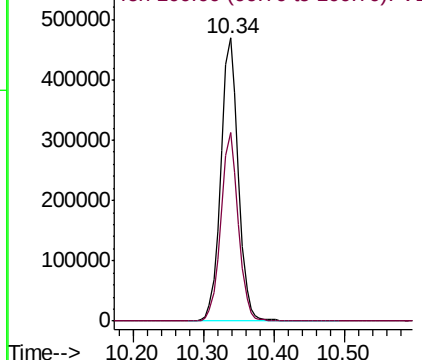
98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.633 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066633.D

Acq: 11 Sep 2020 01:17

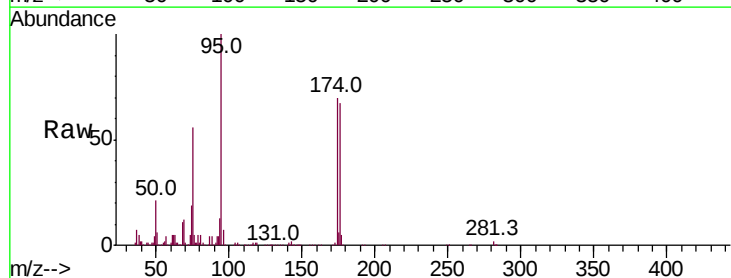
Tgt Ion: 95 Resp: 256328

Ion Ratio Lower Upper

95 100

174 76.4 0.0 155.8

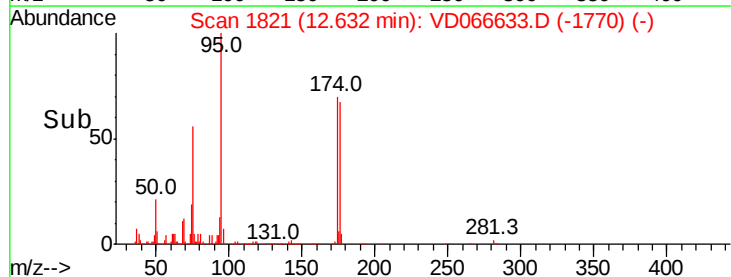
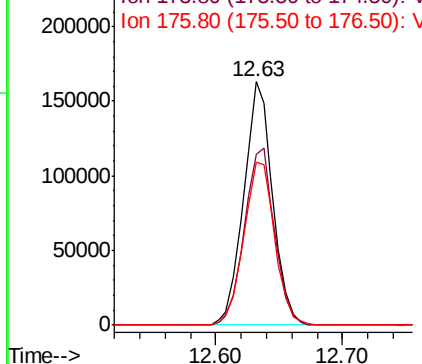
176 72.2 0.0 148.6

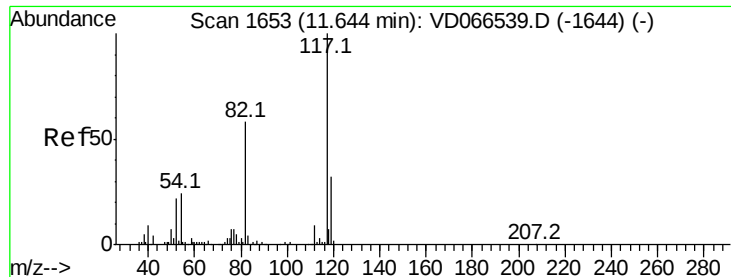


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

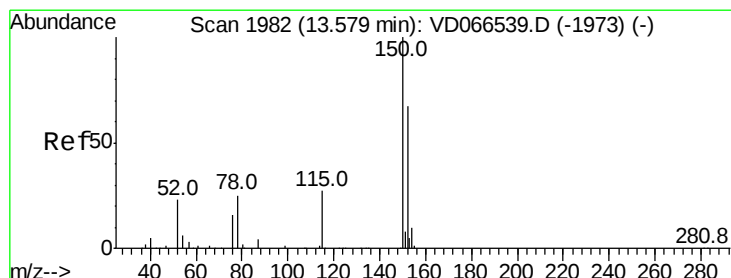
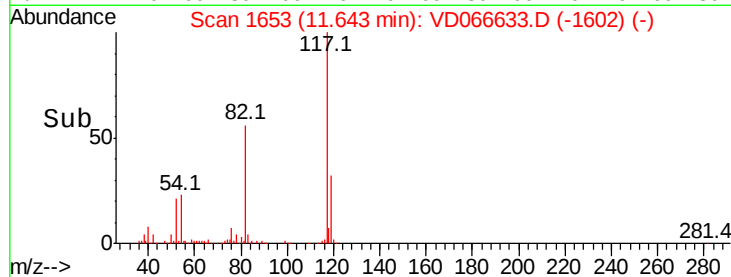
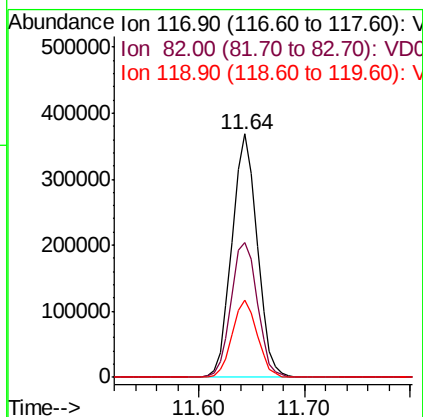
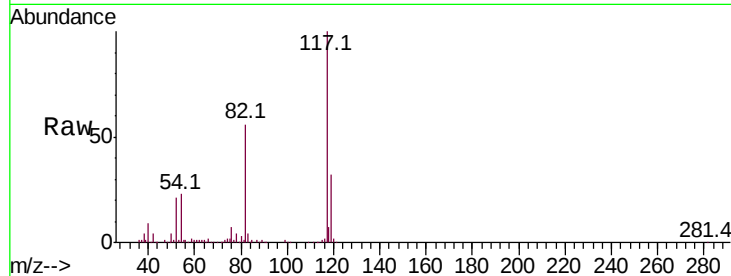




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066633.D
Acq: 11 Sep 2020 01:17

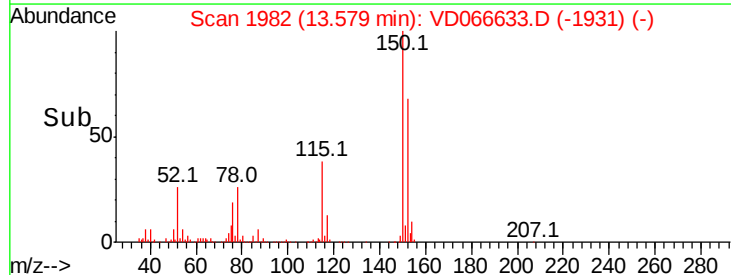
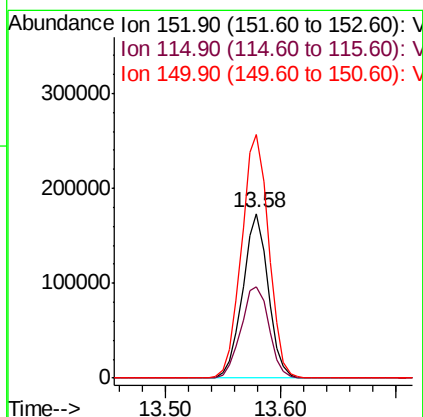
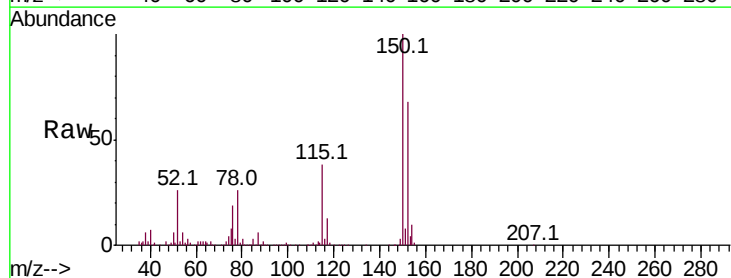
Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-02-1.0-2.0

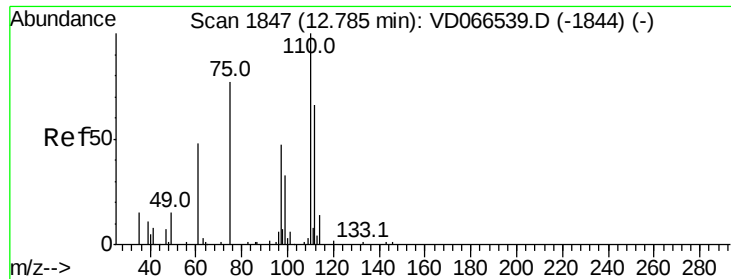
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.2	69.2
119	31.8	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066633.D
Acq: 11 Sep 2020 01:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.4	91.2
150	157.4	0.0	345.8

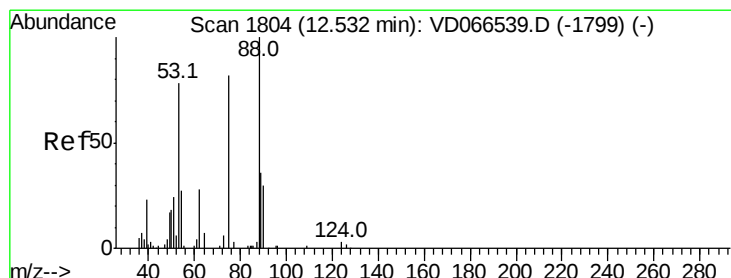
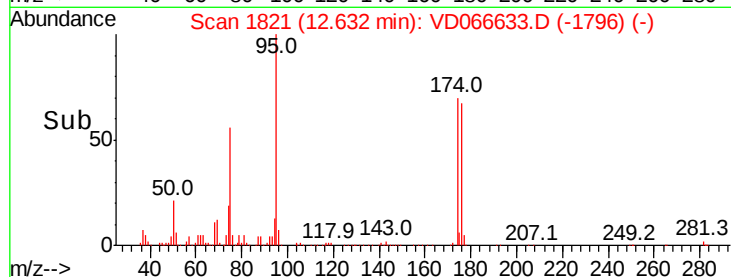
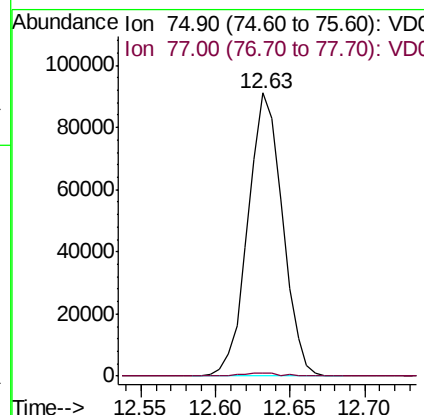
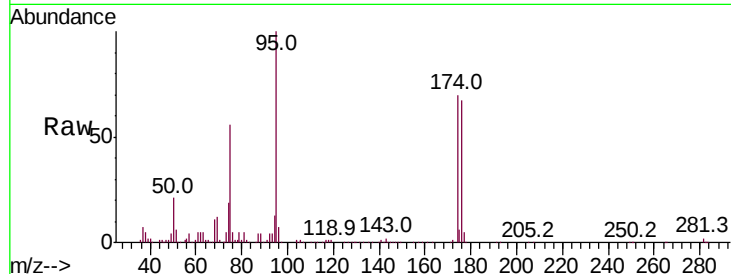




#76
 1,2,3-Trichloropropane
 Concen: 56.996 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066633.D
 Acq: 11 Sep 2020 01:17

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-02-1.0-2.0

Tot Ion: 75 Resp: 145665
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.067 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066633.D
 Acq: 11 Sep 2020 01:17

Tgt Ion: 75 Resp: 145665
 Ion Ratio Lower Upper
 75 100
 53 0.2 87.0 130.4#
 89 0.1 37.1 55.7#

