

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066785.D
 Acq On : 21 Sep 2020 16:20
 Operator : VA/SY
 Sample : L4076-01
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-ROC

Quant Time: Sep 22 00:55:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	424013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	745733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	712842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	316408	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228283	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	7.91	113	236462	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	10.34	98	888180	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.63	95	298743	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	

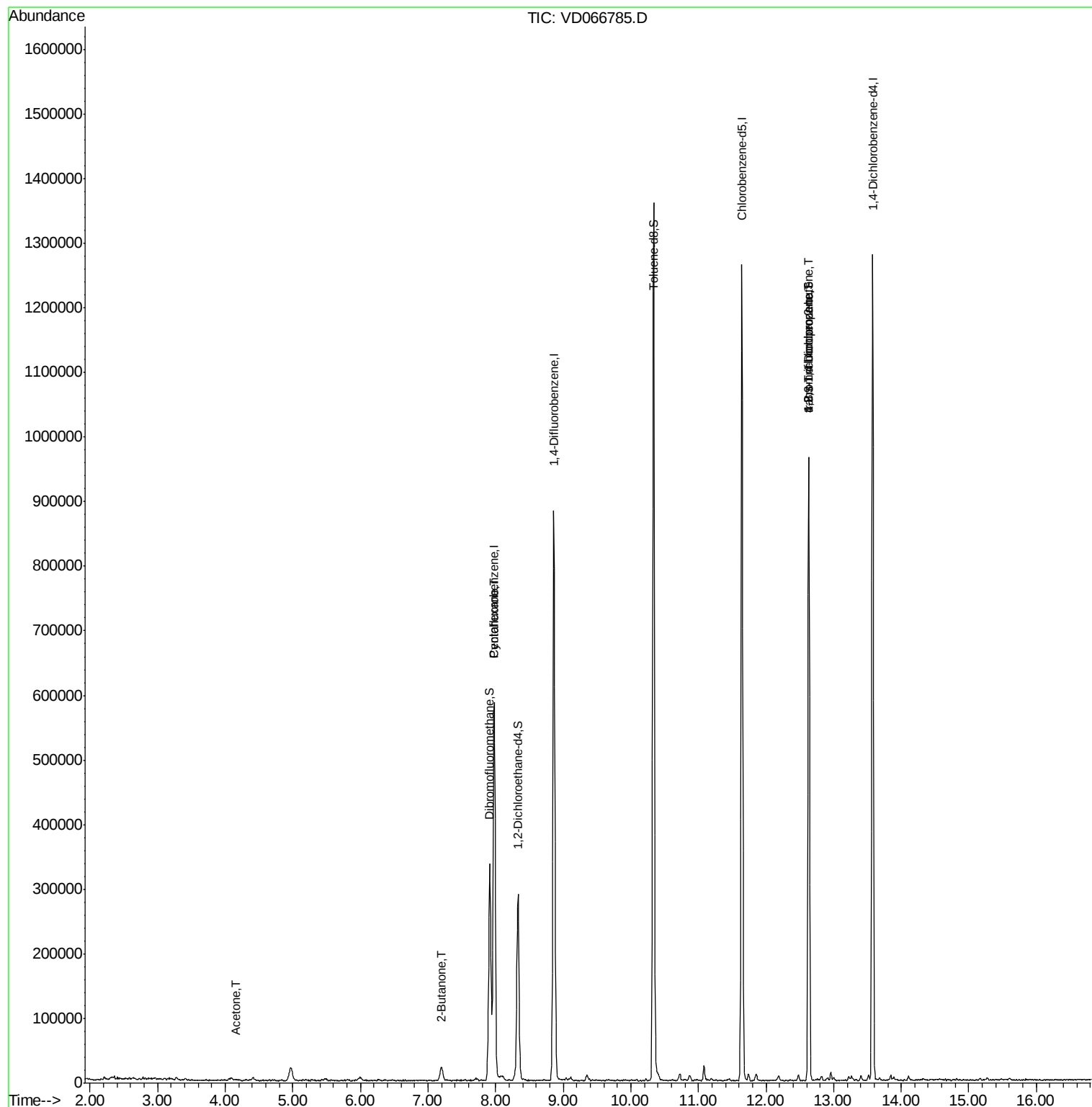
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1781	Below Cal	#	65
11) Tert butyl alcohol	5.21	59	135	Below Cal	#	76
16) Acetone	4.16	43	2726	2.959	ug/l	99
18) Methyl Acetate	4.73	43	94	Below Cal	#	1
20) Methylene Chloride	4.97	84	16237	Below Cal	#	72
25) 2-Butanone	7.20	43	1354	1.129	ug/l	# 49
31) Cyclohexane	7.98	56	12278	1.536	ug/l	# 34
76) 1,2,3-Trichloropropane	12.63	75	163297	60.294	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	163297	130.126	ug/l	# 8

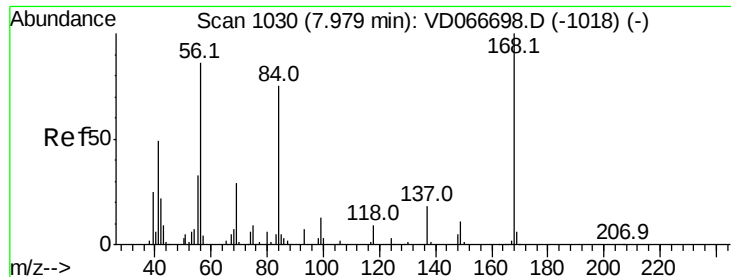
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
Data File : VD066785.D
Acq On : 21 Sep 2020 16:20
Operator : VA/SY
Sample : L4076-01
Misc : 5.05G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TS-ROC

Quant Time: Sep 22 00:55:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 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: VD066785.D

Acq: 21 Sep 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

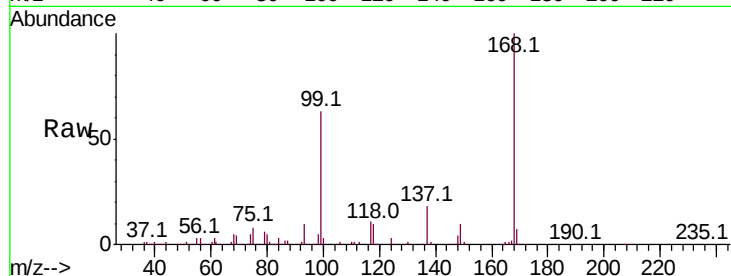
TS-ROC

Tot Ion:168 Resp: 424013

Ion Ratio Lower Upper

168 100

99 63.0 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

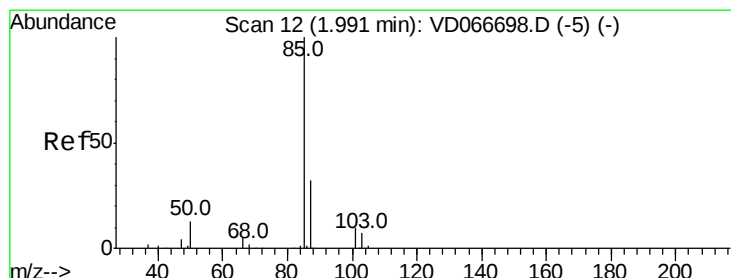
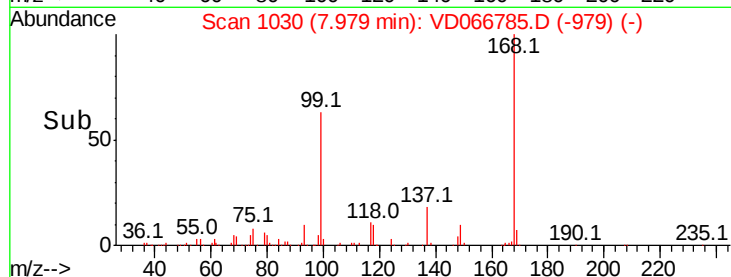
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD066785.D

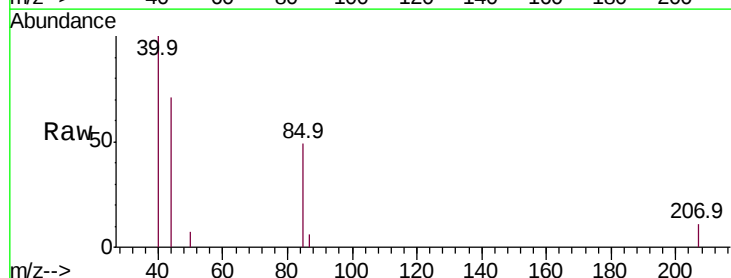
Acq: 21 Sep 2020 16:20

Tgt Ion: 85 Resp: 1781

Ion Ratio Lower Upper

85 100

87 12.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

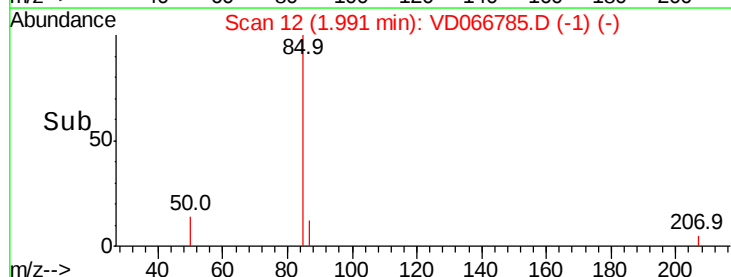
1500

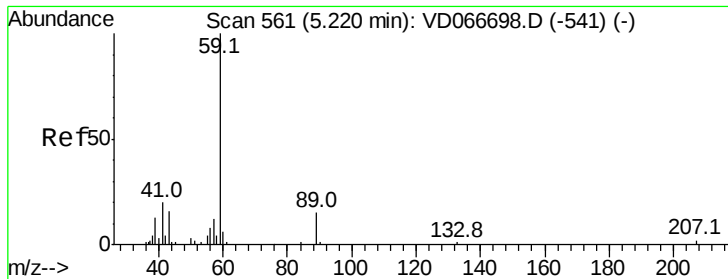
1000

500

0

Time-->



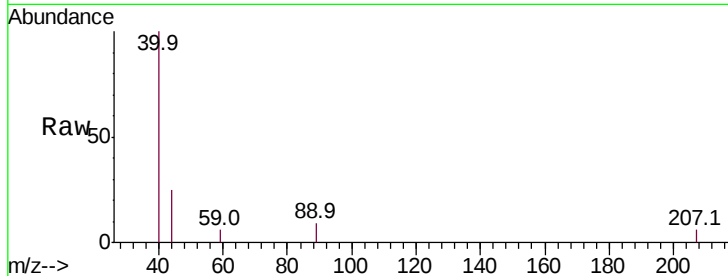


#11

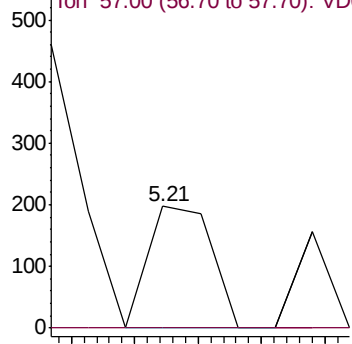
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066785.D
 Acq: 21 Sep 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-ROC

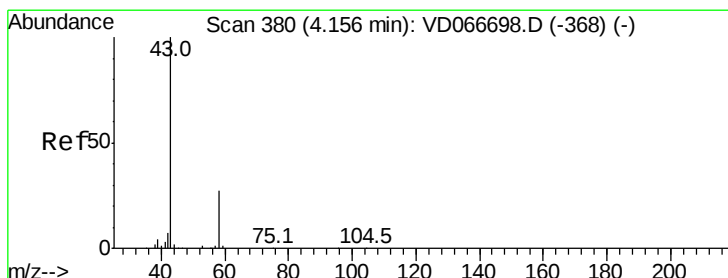
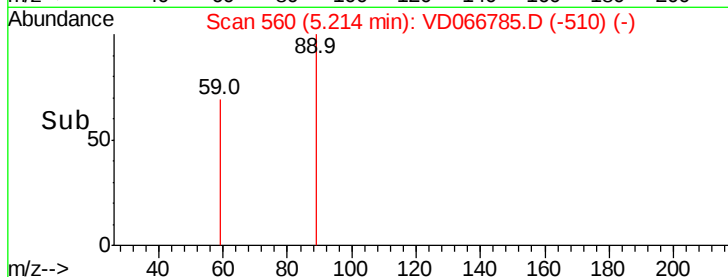
Tot Ion: 59 Resp: 135
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



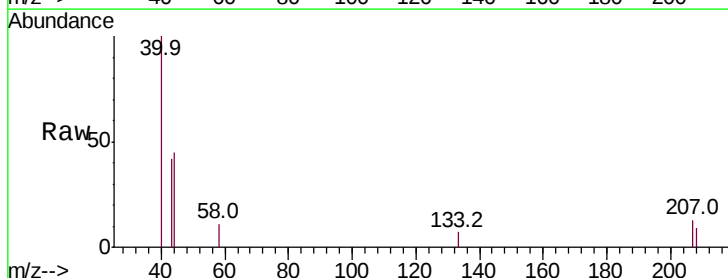
Time-->



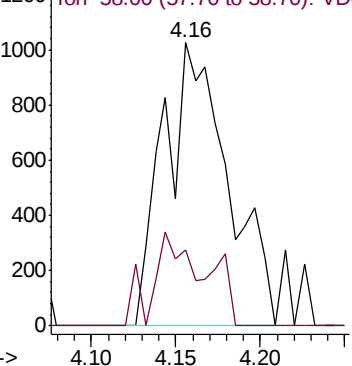
#16

Acetone
 Concen: 2.959 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD066785.D
 Acq: 21 Sep 2020 16:20

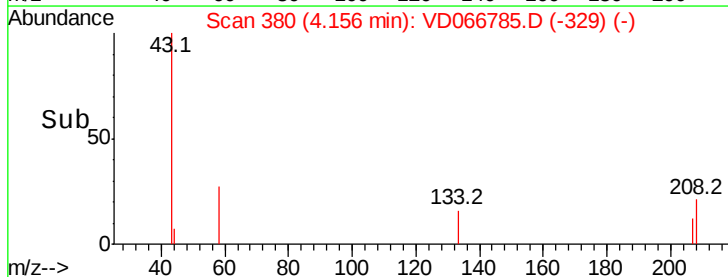
Tgt Ion: 43 Resp: 2726
 Ion Ratio Lower Upper
 43 100
 58 27.0 21.9 32.9

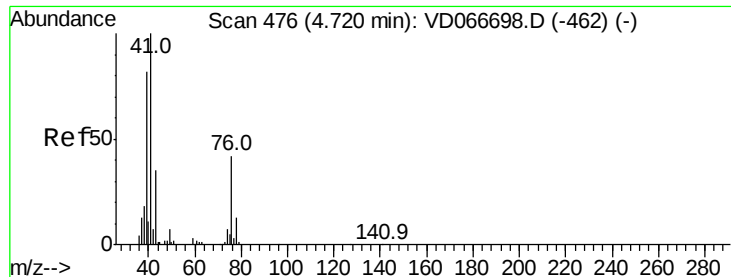


Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC



Time-->

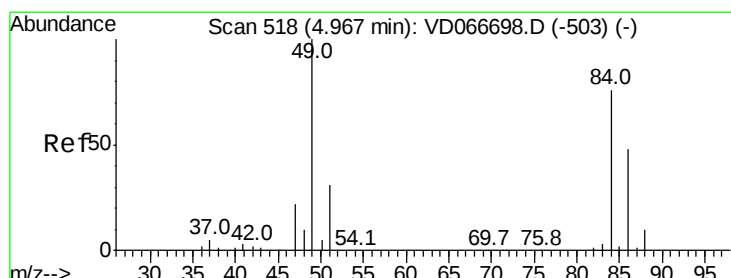
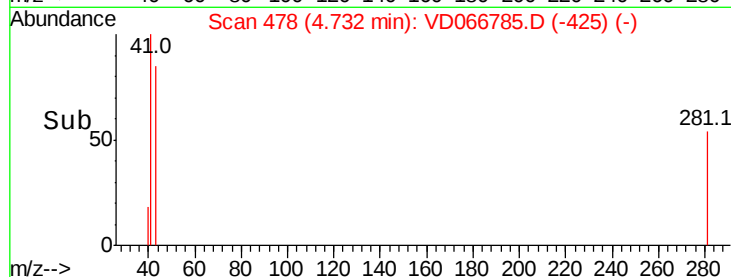
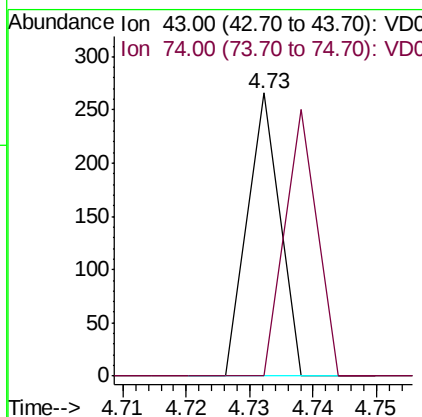
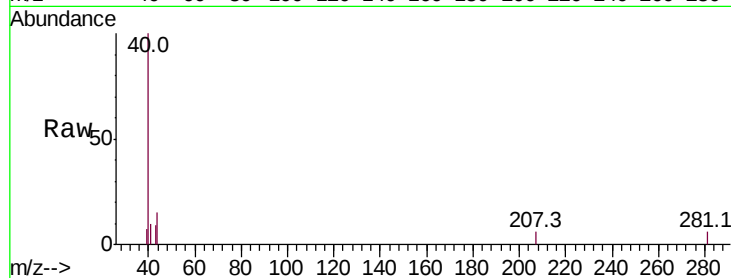




#18
Methyl Acetate
Concen: Below Cal
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD066785.D
Acq: 21 Sep 2020 16:20

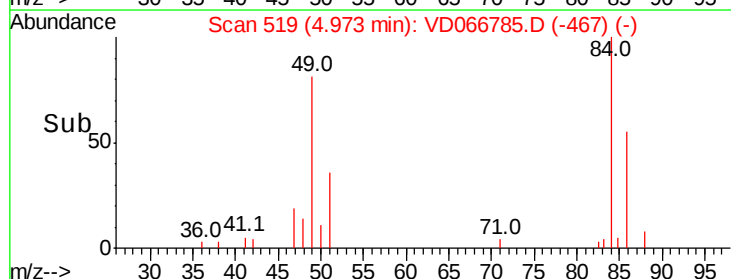
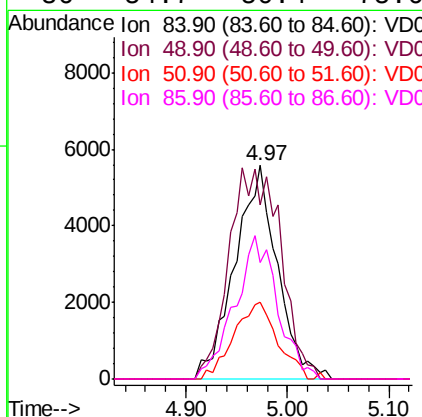
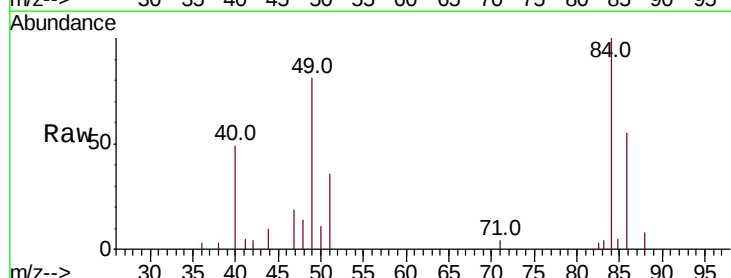
Instrument :
MSVOA_D
ClientSampleId :
TS-ROC

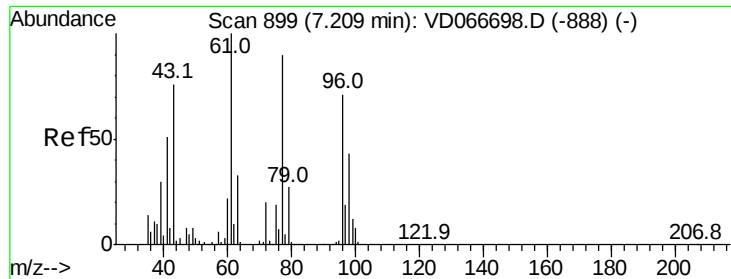
Tot Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
74 94.7 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066785.D
Acq: 21 Sep 2020 16:20

Tgt Ion: 84 Resp: 16237
Ion Ratio Lower Upper
84 100
49 81.3 105.0 157.6#
51 35.7 32.2 48.4
86 54.7 50.4 75.6





#25

2-Butanone

Concen: 1.129 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066785.D

Acq: 21 Sep 2020 16:20

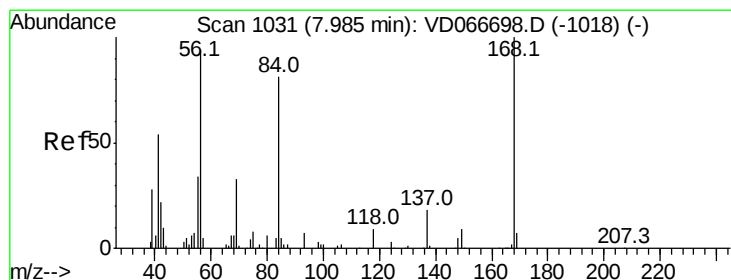
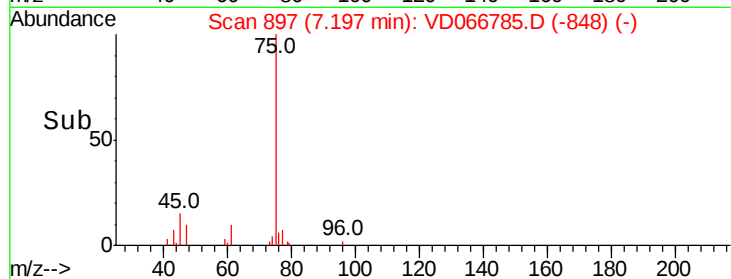
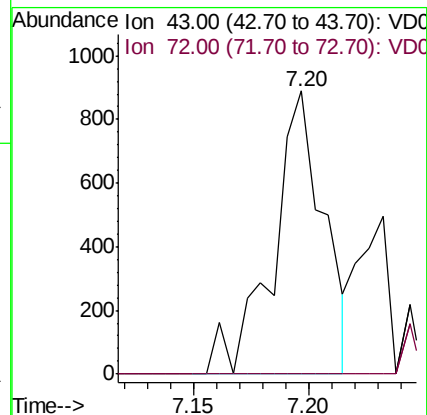
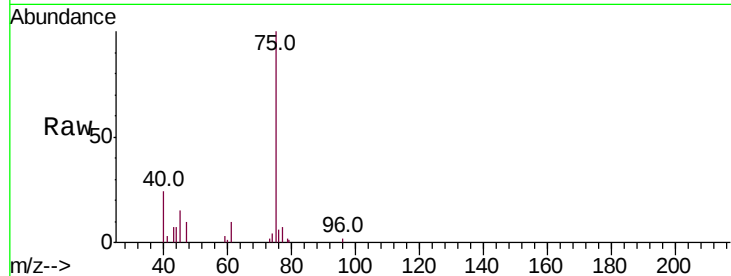
Instrument :
MSVOA_D
ClientSampleId :
TS-ROC

Tot Ion: 43 Resp: 1354

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.536 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066785.D

Acq: 21 Sep 2020 16:20

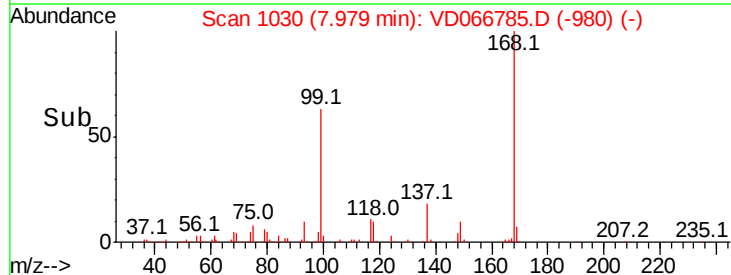
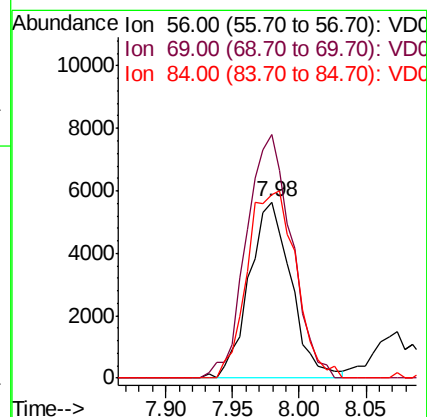
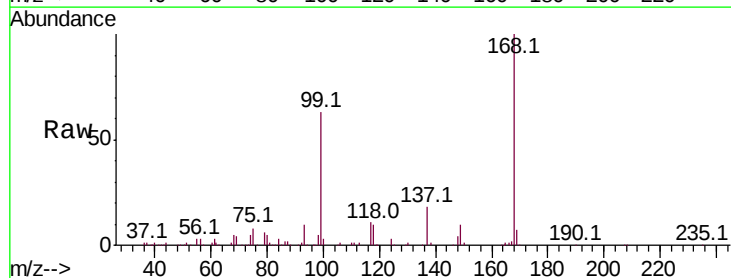
Tgt Ion: 56 Resp: 12278

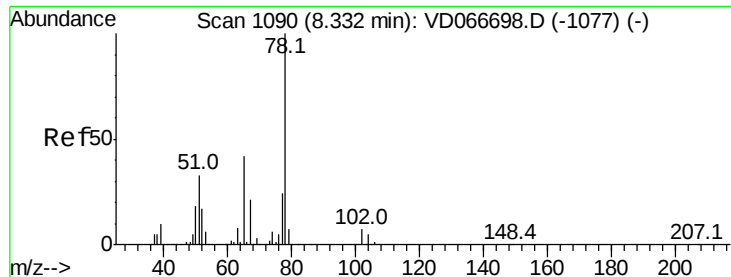
Ion Ratio Lower Upper

56 100

69 138.2 27.7 41.5#

84 104.4 68.5 102.7#

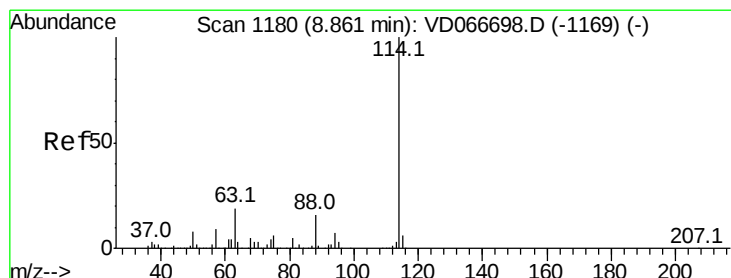
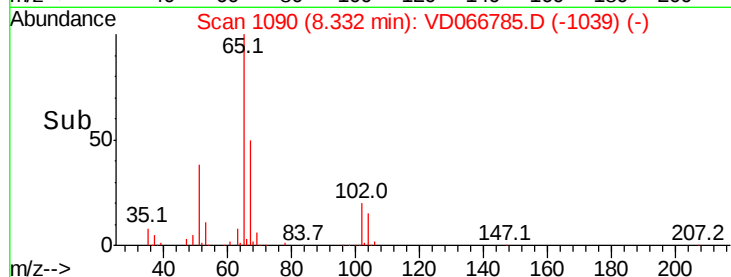
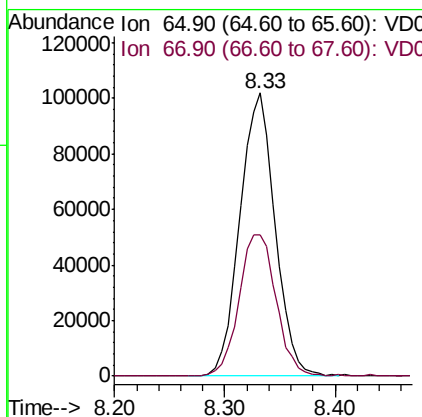
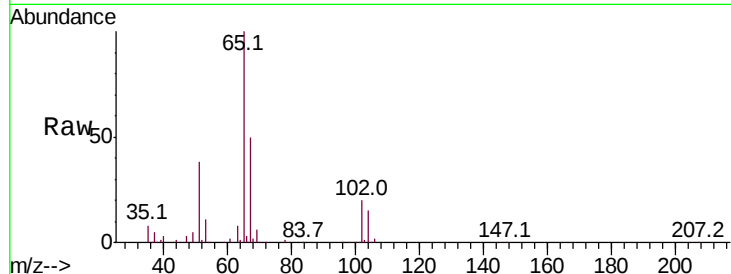




#33
 1,2-Dichloroethane-d4
 Concen: 50.461 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066785.D
 Acq: 21 Sep 2020 16:20

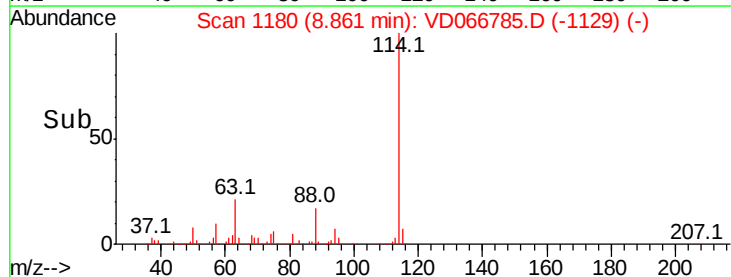
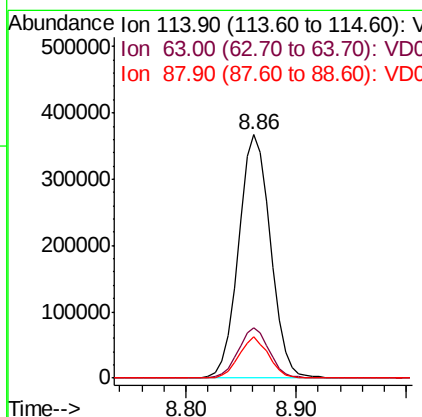
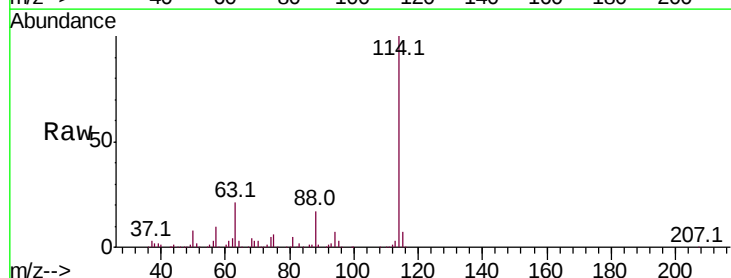
Instrument :
 MSVOA_D
 ClientSampleId :
 TS-ROC

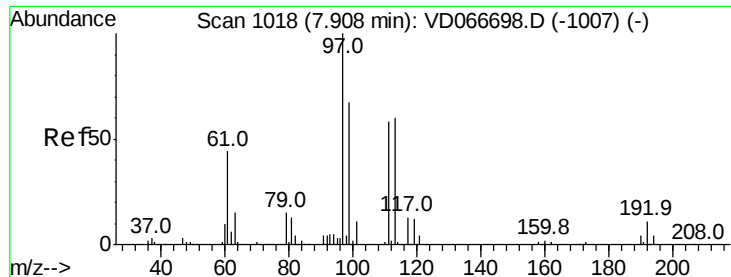
Tot Ion: 65 Resp: 228283
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066785.D
 Acq: 21 Sep 2020 16:20

Tgt Ion: 114 Resp: 745733
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.6
 88 17.2 0.0 32.2

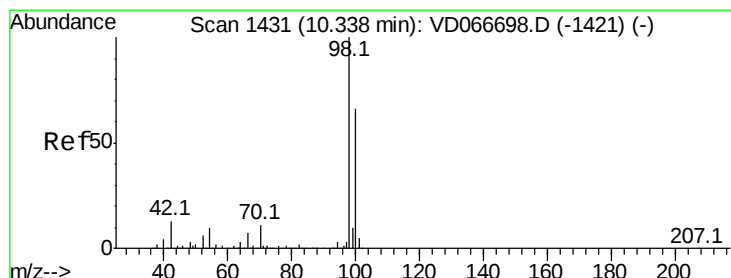
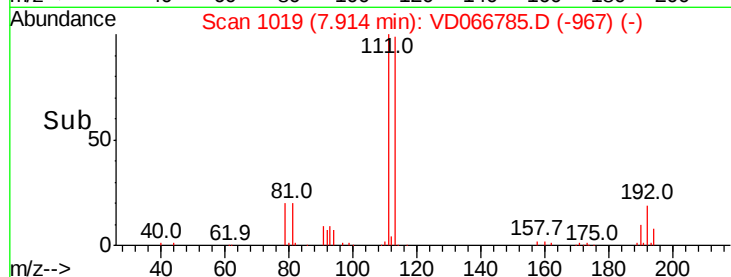
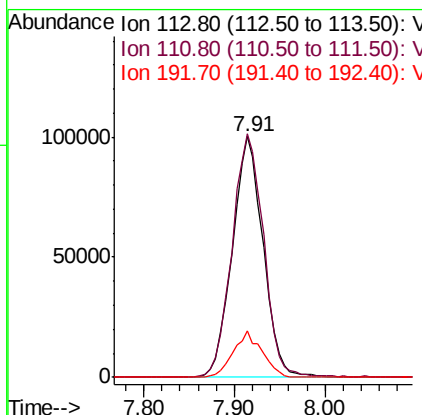
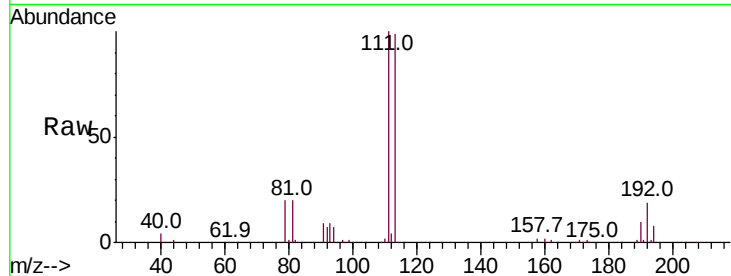




#35
 Dibromofluoromethane
 Concen: 51.719 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066785.D
 Acq: 21 Sep 2020 16:20

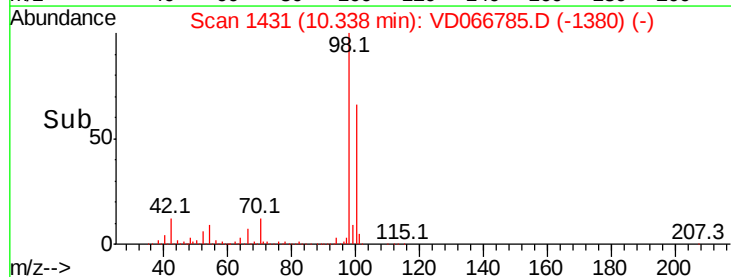
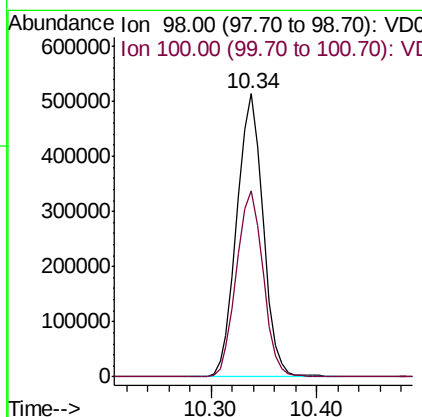
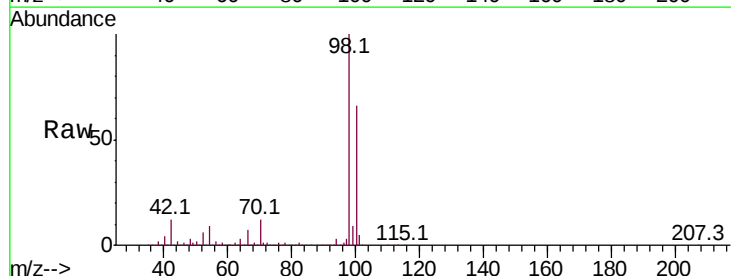
Instrument :
 MSVOA_D
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 TS-ROC

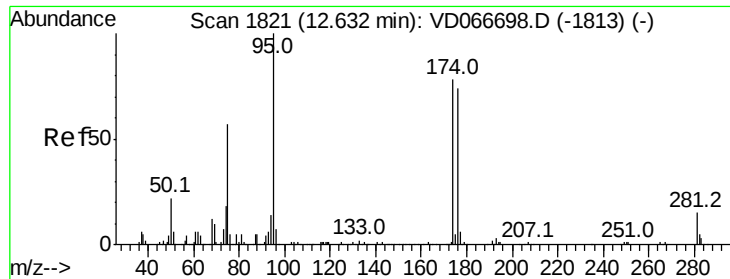
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.2	124.8
192	18.0	14.8	22.2



#50
 Toluene-d8
 Concen: 54.526 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066785.D
 Acq: 21 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.7	79.1

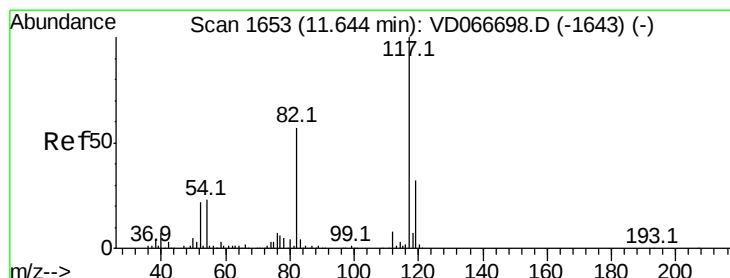
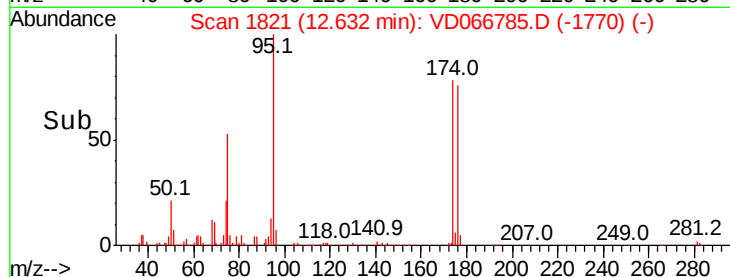
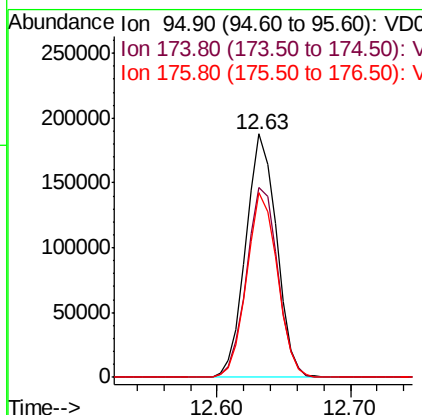
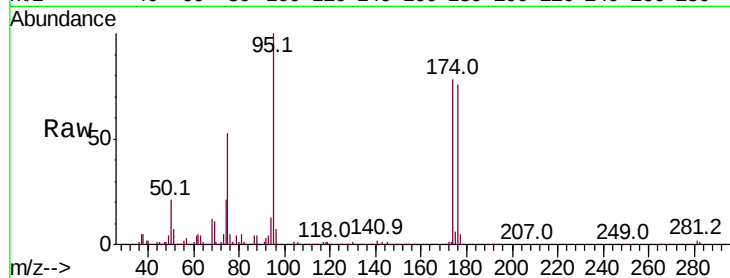




#62
4-Bromofluorobenzene
Concen: 53.131 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066785.D
Acq: 21 Sep 2020 16:20

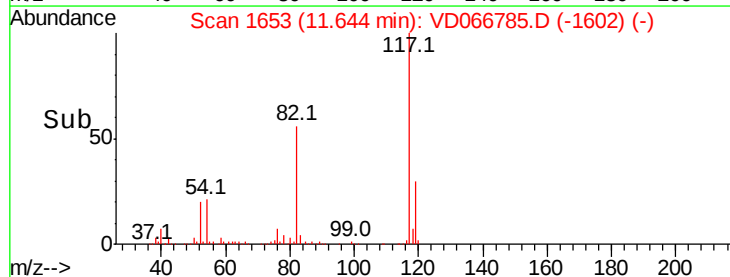
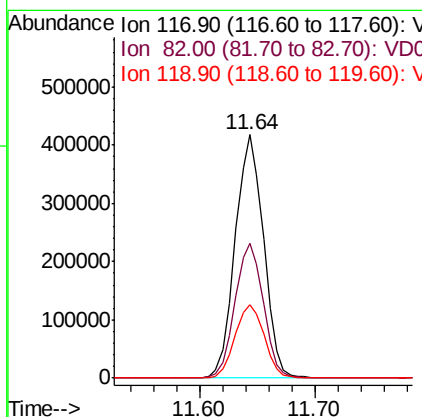
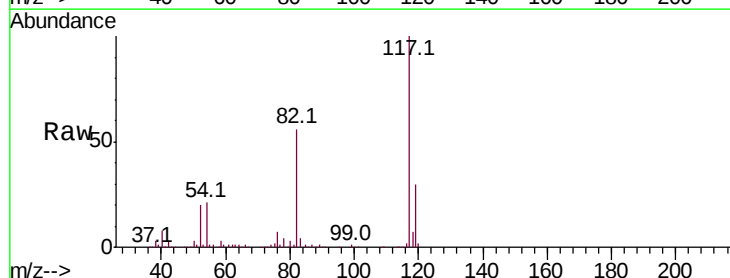
Instrument :
MSVOA_D
ClientSampleId :
TS-ROC

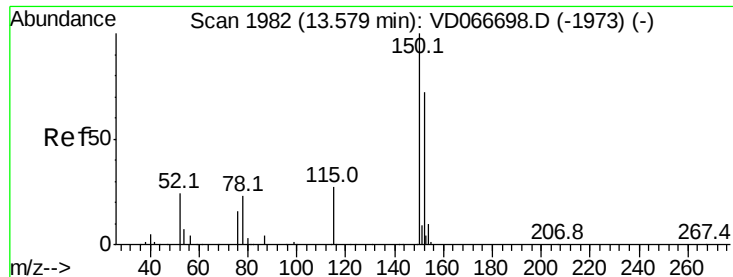
Tot Ion: 95 Resp: 298743
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.6
176 75.5 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066785.D
Acq: 21 Sep 2020 16:20

Tgt Ion: 117 Resp: 712842
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 30.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066785.D

Acq: 21 Sep 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

TS-ROC

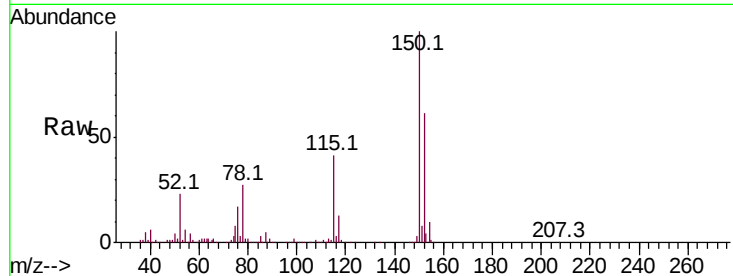
Tot Ion:152 Resp: 316408

Ion Ratio Lower Upper

152 100

115 61.3 30.5 91.5

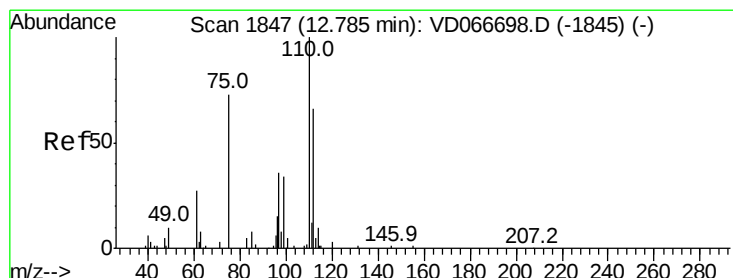
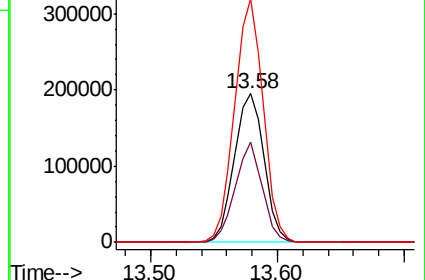
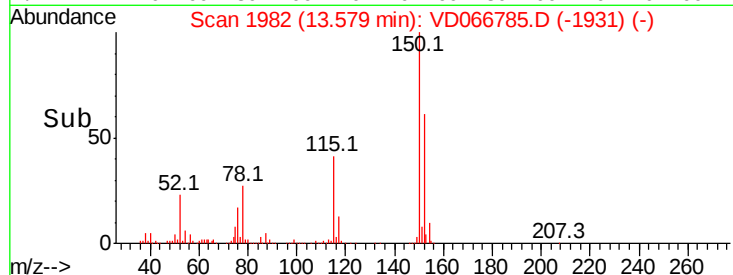
150 157.3 0.0 344.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 60.294 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066785.D

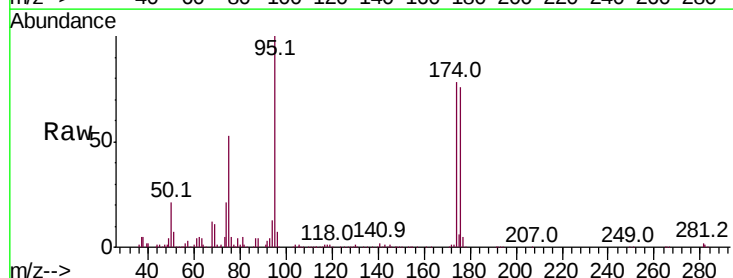
Acq: 21 Sep 2020 16:20

Tgt Ion: 75 Resp: 163297

Ion Ratio Lower Upper

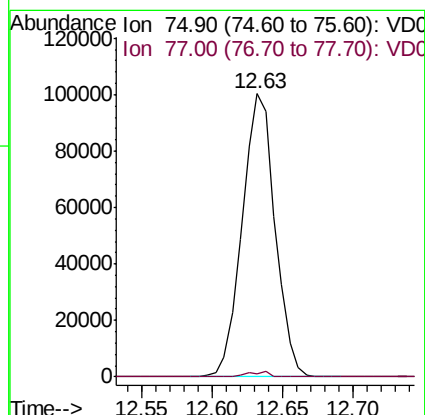
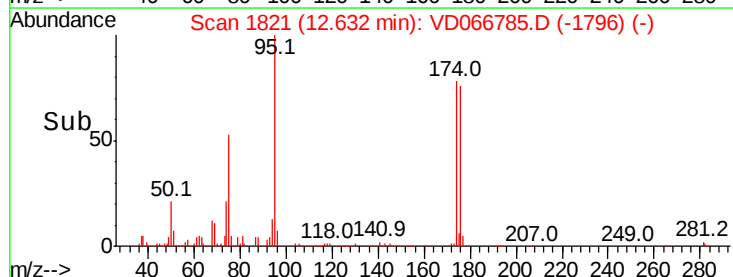
75 100

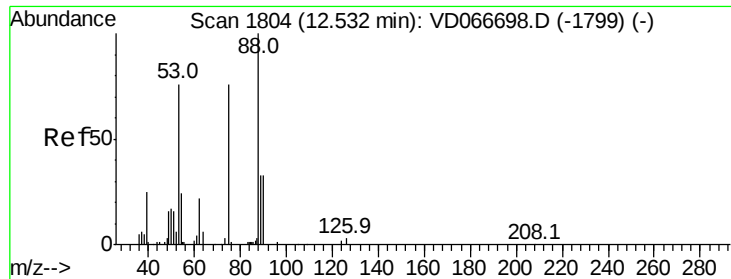
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 130.126 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066785.D

Acq: 21 Sep 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

TS-ROC

Tot Ion: 75 Resp: 163297

Ion Ratio Lower Upper

75 100

53 0.1 82.2 123.4#

89 0.0 39.6 59.4#

