

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081220\
 Data File : VD066203.D
 Acq On : 12 Aug 2020 14:42
 Operator : VA/SY
 Sample : L3652-01
 Misc : 4.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-1-A

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 4:21:02 PM

Quant Time: Aug 25 02:10:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	243948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	378303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	366986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	133677	61.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.84%	
35) Dibromofluoromethane	7.91	113	127875	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
50) Toluene-d8	10.33	98	433762	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.63	95	168062	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	14862m	63.042	ug/l	
16) Acetone	4.16	43	52843	127.964	ug/l	93
18) Methyl Acetate	4.71	43	8598	8.197	ug/l	97
69) o-Xylene	12.17	106	10169	2.235	ug/l	89
78) n-propylbenzene	12.82	91	21213	1.389	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	55162	5.022	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	107361	9.767	ug/l	98
89) n-Butylbenzene	13.84	91	17978	1.640	ug/l #	55
95) Naphthalene	15.41	128	461619	68.411	ug/l	99

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

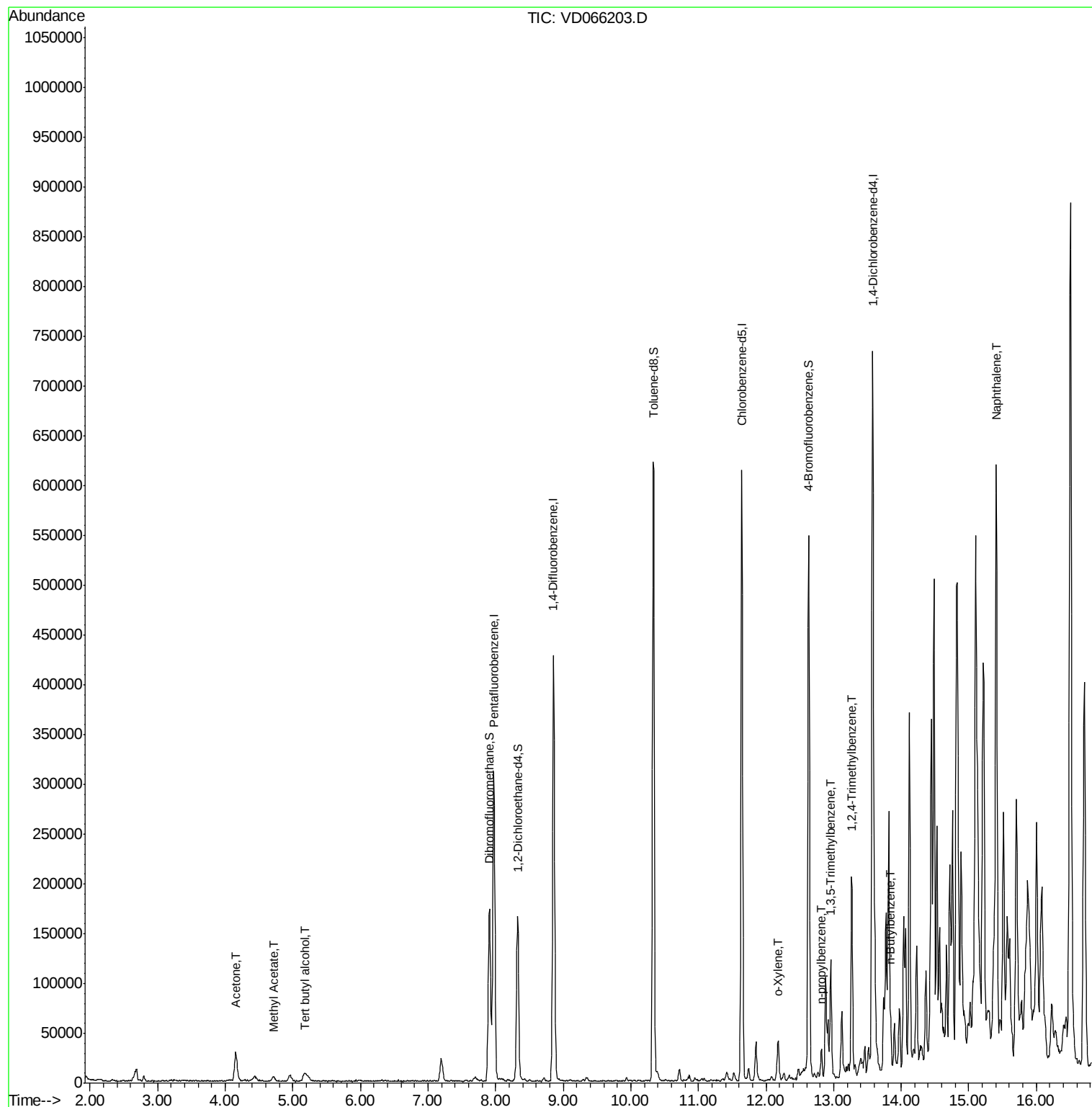
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081220\
Data File : VD066203.D
Acq On : 12 Aug 2020 14:42
Operator : VA/SY
Sample : L3652-01
Misc : 4.66G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

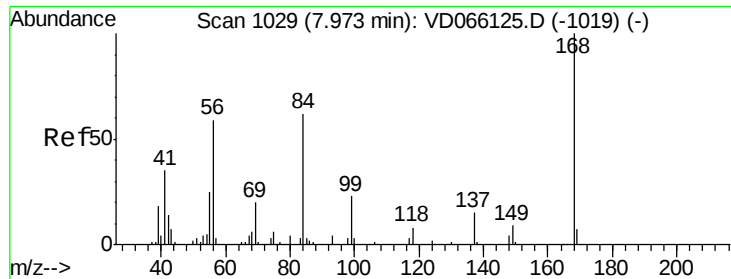
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-1-A

Manual Integrations
APPROVED

MMDadoda
8/13/2020 4:21:02 PM

Quant Time: Aug 25 02:10:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066203.D

Acq: 12 Aug 2020 14:42

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-1-A

Tot Ion:168 Resp: 243948

Ion Ratio Lower Upper

168 100

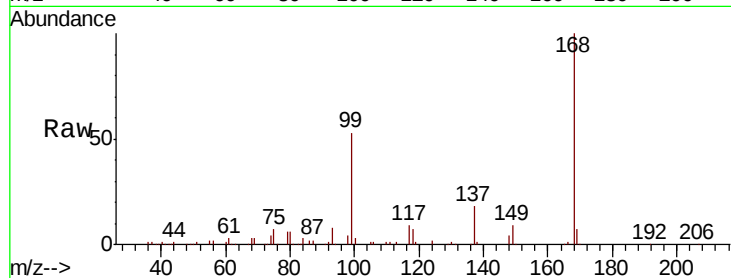
99 53.1 42.2 63.4

Manual Integrations

APPROVED

MMDadoda

8/13/2020 4:21:02 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

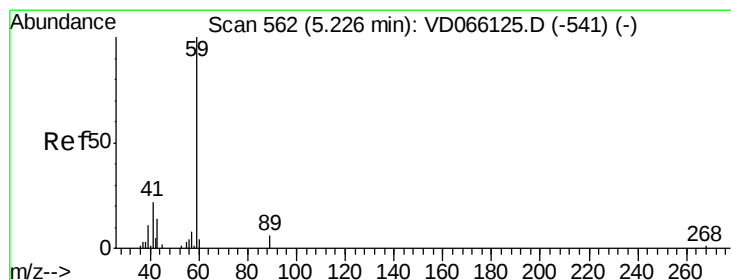
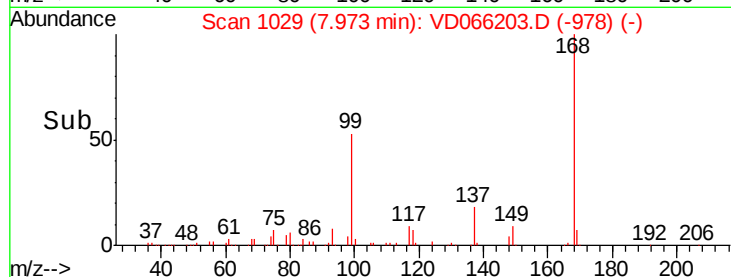
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 63.042 ug/l m

RT: 5.19 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD066203.D

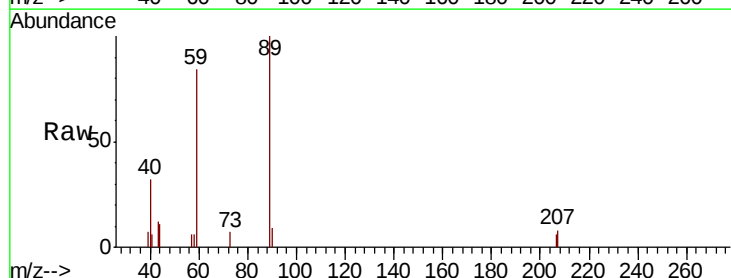
Acq: 12 Aug 2020 14:42

Tgt Ion: 59 Resp: 14862

Ion Ratio Lower Upper

59 100

57 1.7 7.0 10.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.19

3000

2500

2000

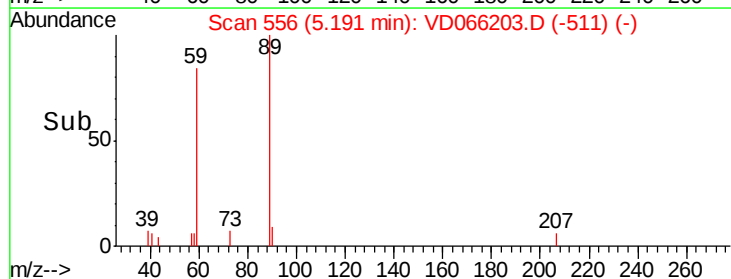
1500

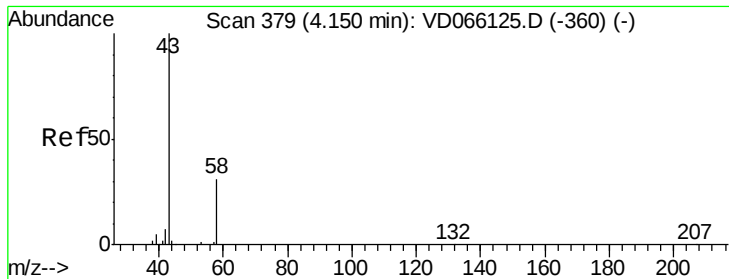
1000

500

0

Time--> 5.00 5.10 5.20 5.30 5.40





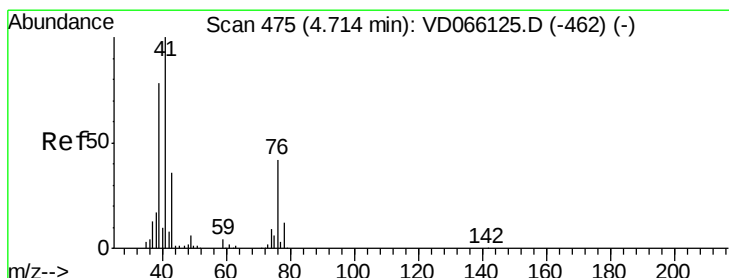
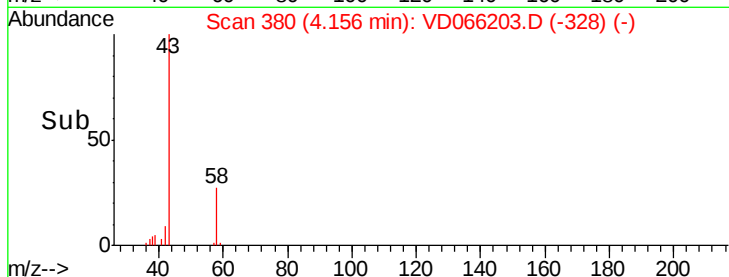
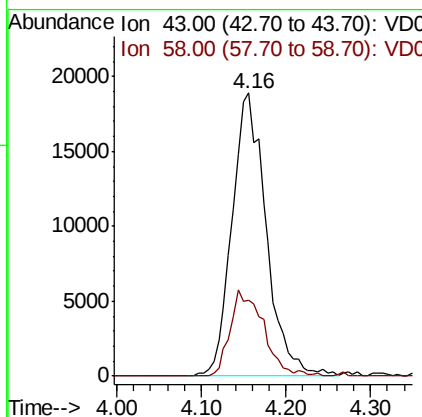
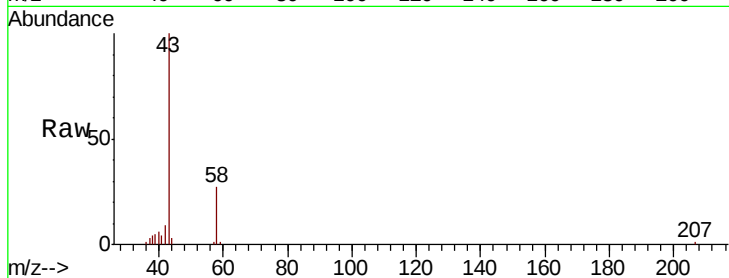
#16
Acetone
Concen: 127.964 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.01 min
Lab File: VD066203.D
Acq: 12 Aug 2020 14:42

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-1-A

Tot Ion: 43 Resp: 52843
Ion Ratio Lower Upper
43 100
58 27.0 24.7 37.1

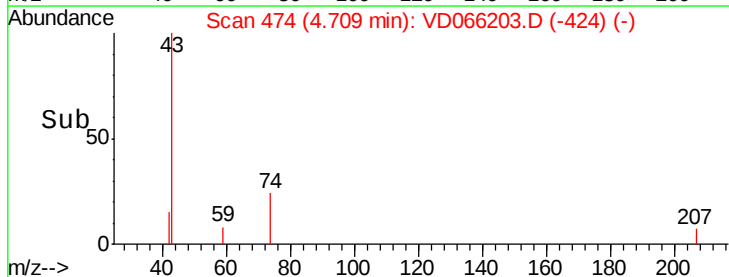
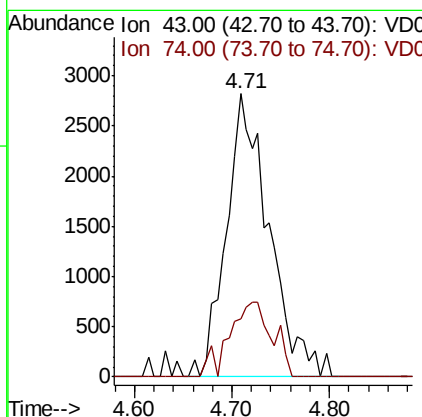
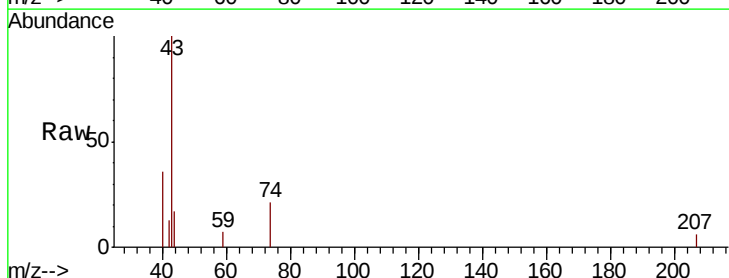
Manual Integrations
APPROVED

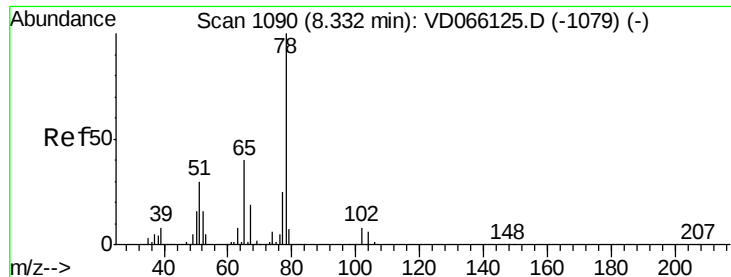
MMDadoda
8/13/2020 4:21:02 PM



#18
Methyl Acetate
Concen: 8.197 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066203.D
Acq: 12 Aug 2020 14:42

Tgt Ion: 43 Resp: 8598
Ion Ratio Lower Upper
43 100
74 24.8 21.2 31.8





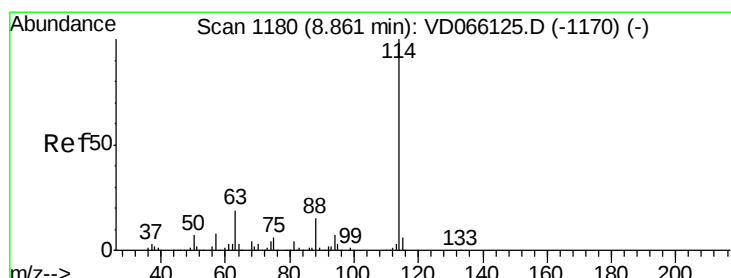
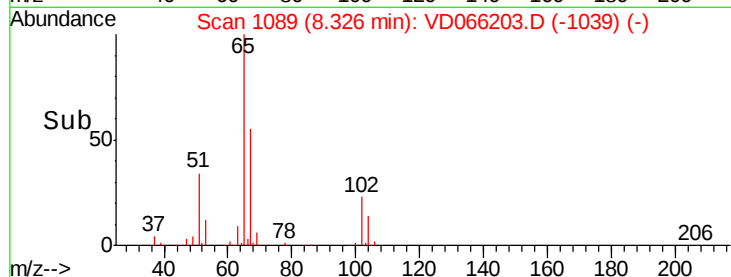
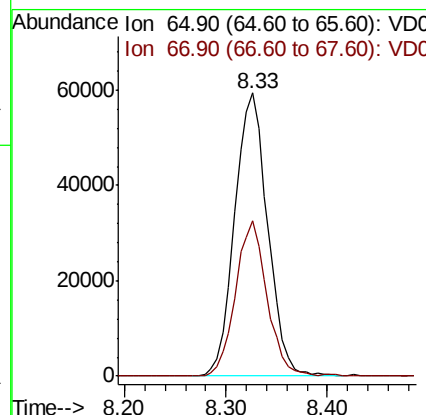
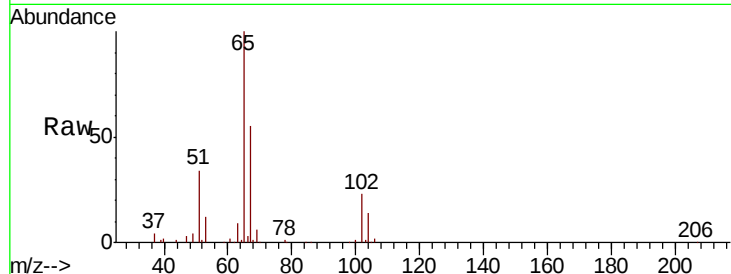
#33
 1,2-Dichloroethane-d4
 Concen: 61.422 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066203.D
 Acq: 12 Aug 2020 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-1-A

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133677		
67	52.2	0.0	104.6	

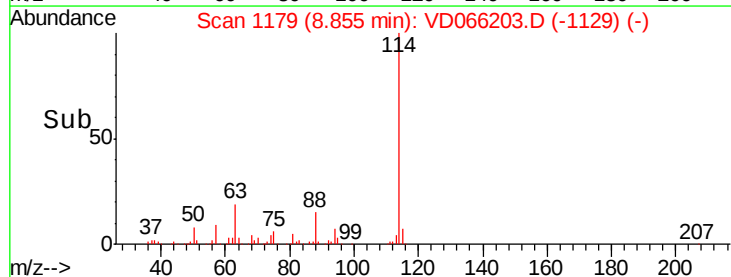
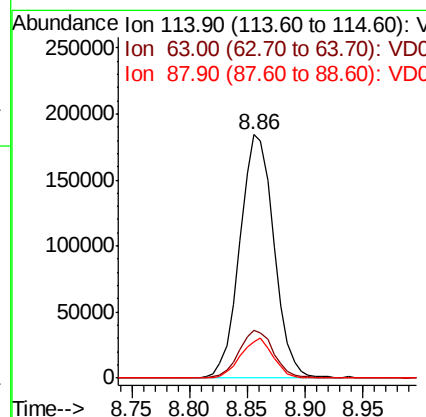
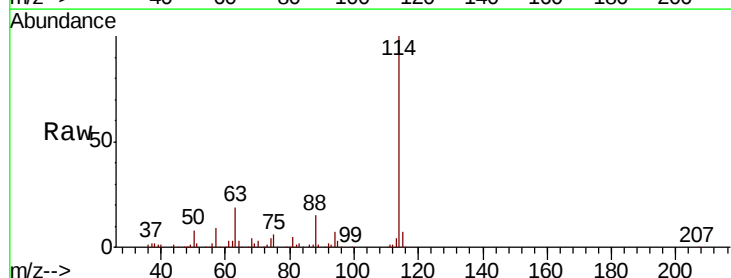
Manual Integrations
 APPROVED

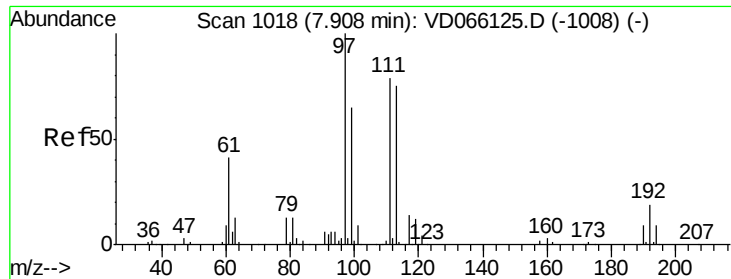
MMDadoda
 8/13/2020 4:21:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066203.D
 Acq: 12 Aug 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	378303		
63	19.5	0.0	38.6	
88	15.0	0.0	30.0	





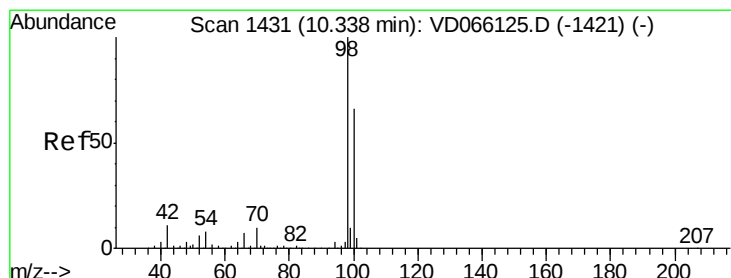
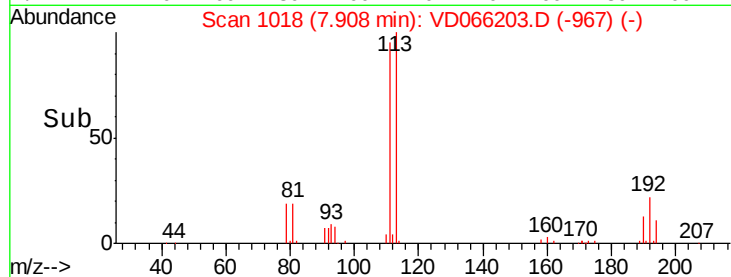
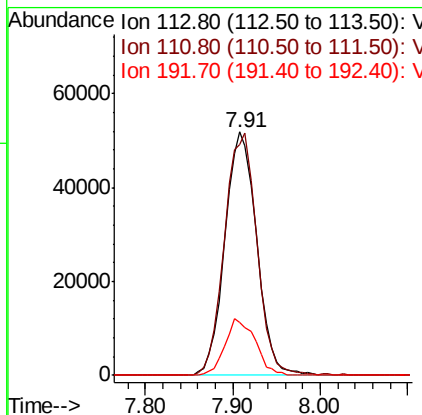
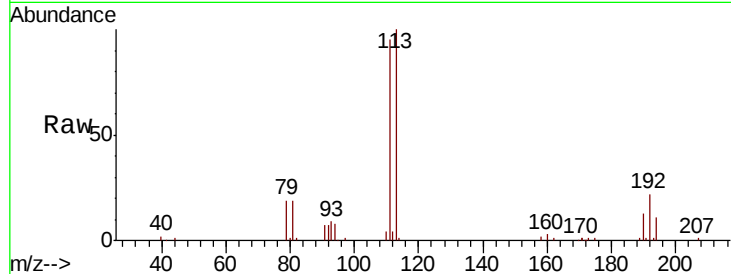
#35
 Dibromofluoromethane
 Concen: 53.359 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066203.D
 Acq: 12 Aug 2020 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-1-A

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127875		
111	101.4	80.7	121.1	
192	22.4	18.4	27.6	

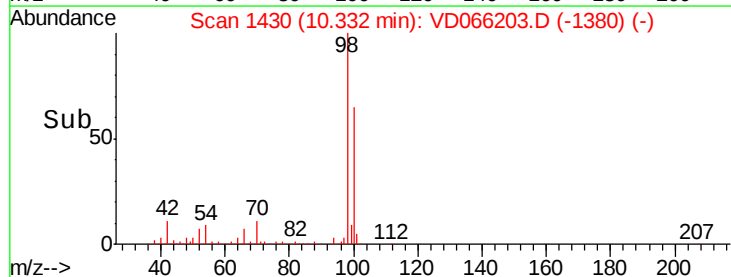
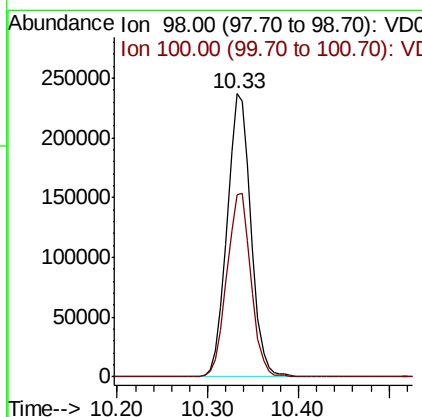
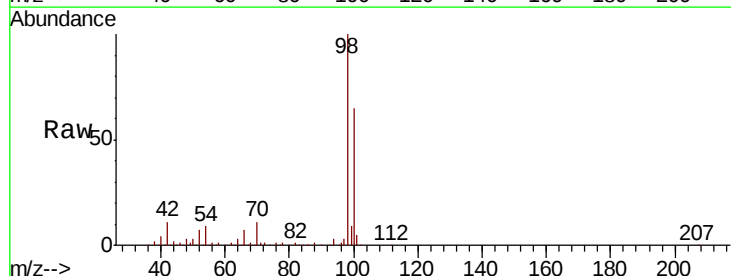
Manual Integrations
 APPROVED

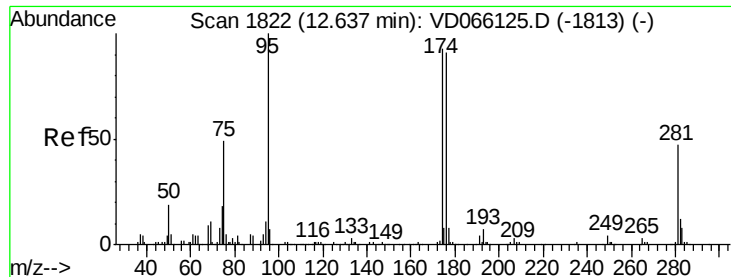
MMDadoda
 8/13/2020 4:21:02 PM



#50
 Toluene-d8
 Concen: 49.048 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066203.D
 Acq: 12 Aug 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	433762		
100	65.7	52.6	78.8	





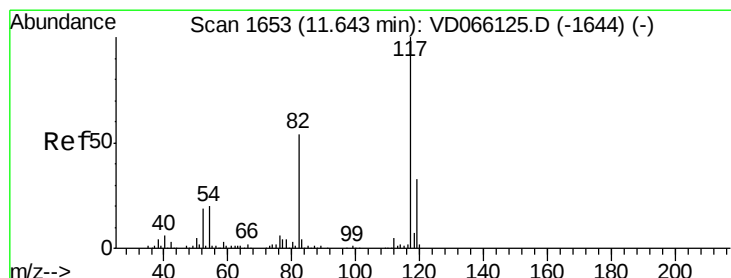
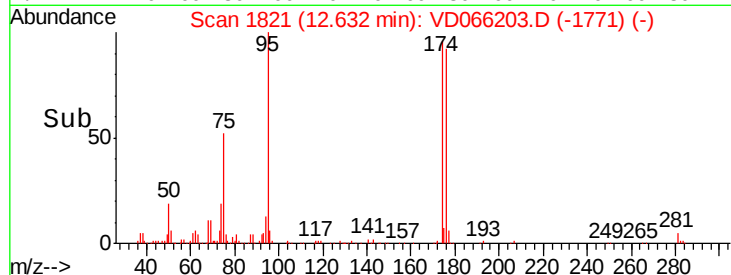
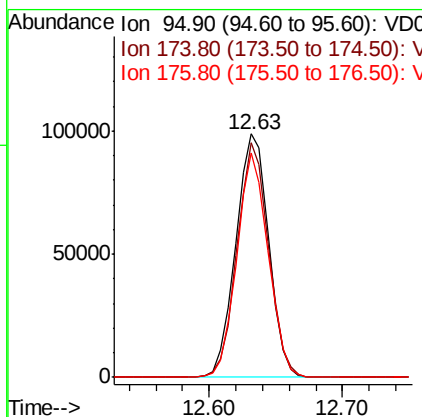
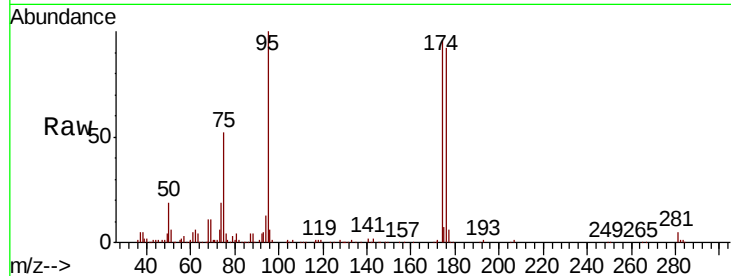
#62
4-Bromofluorobenzene
Concen: 52.720 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066203.D
Acq: 12 Aug 2020 14:42

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-1-A

Tot Ion	Ratio	Resp	Lower	Upper
95	100	168062		
174	92.3	0.0	180.8	
176	87.6	0.0	181.2	

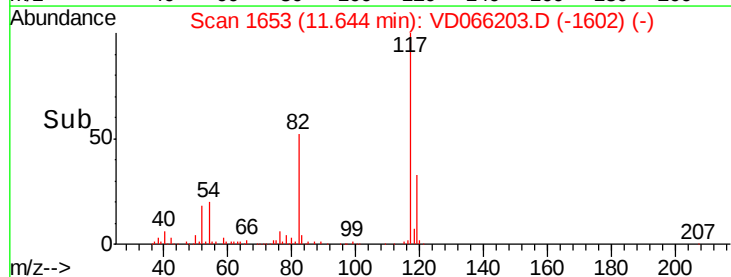
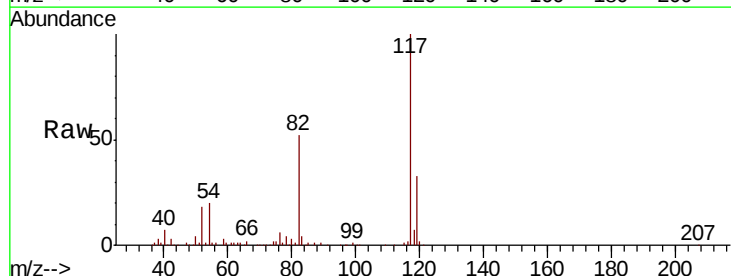
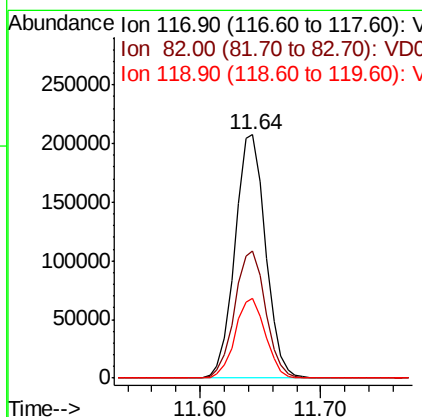
Manual Integrations
APPROVED

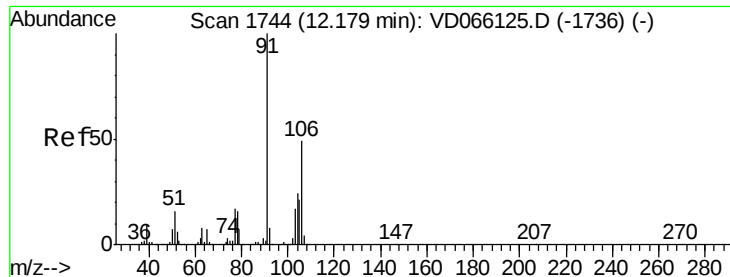
MMDadoda
8/13/2020 4:21:02 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066203.D
Acq: 12 Aug 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	366986		
82	52.3	43.0	64.4	
119	32.6	26.1	39.1	





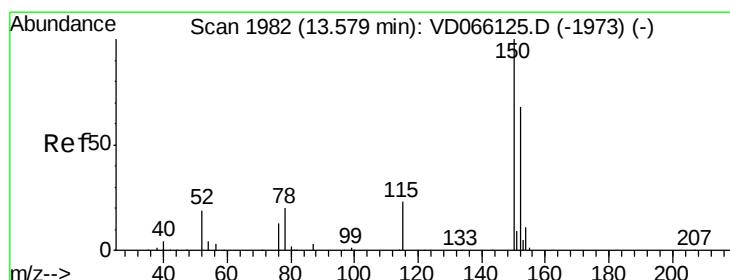
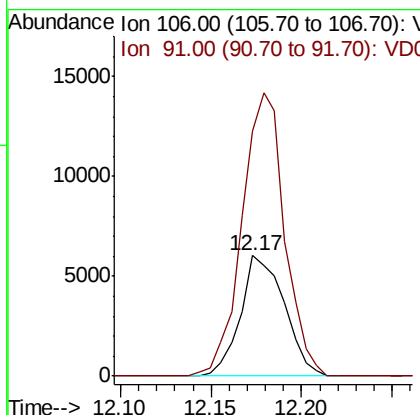
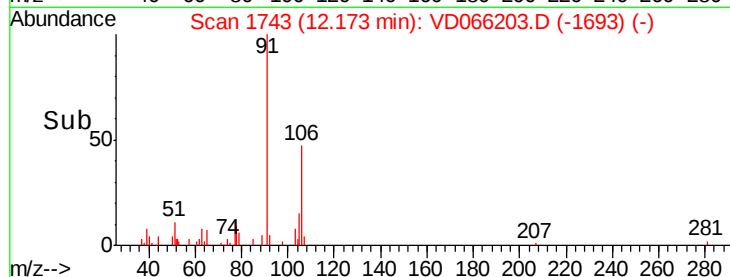
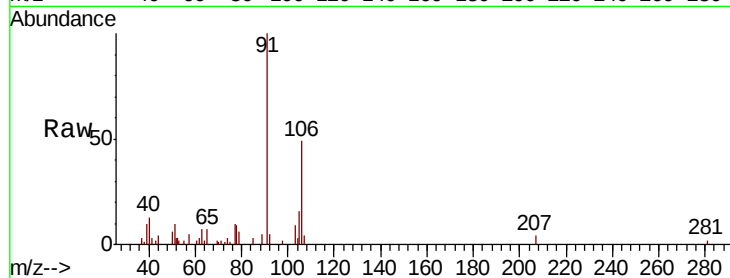
#69
o-Xylene
Concen: 2.235 ug/l
RT: 12.17 min Scan# 1743
Delta R.T. -0.01 min
Lab File: VD066203.D
Acq: 12 Aug 2020 14:42

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-1-A

Tot Ion:106 Resp: 10169
Ion Ratio Lower Upper
106 100
91 227.9 105.7 317.1

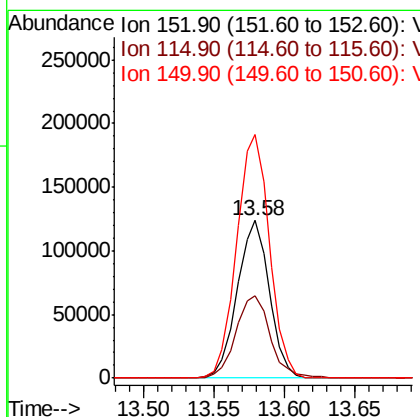
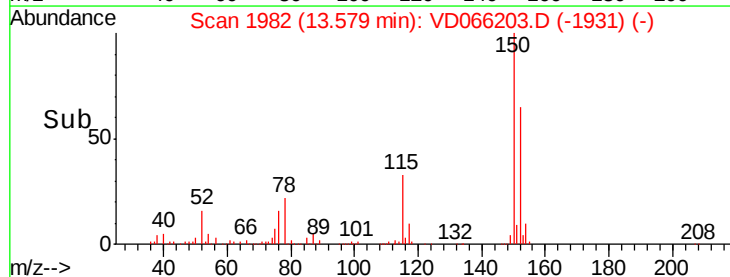
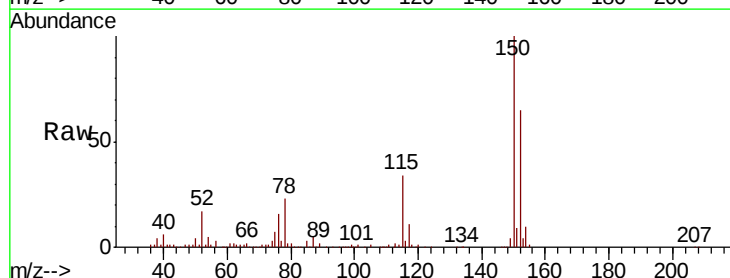
Manual Integrations
APPROVED

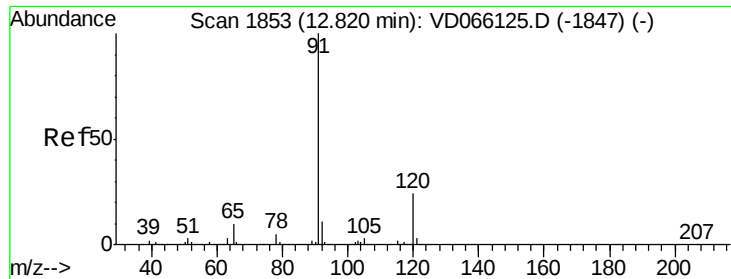
MMDadoda
8/13/2020 4:21:02 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066203.D
Acq: 12 Aug 2020 14:42

Tgt Ion:152 Resp: 196750
Ion Ratio Lower Upper
152 100
115 55.7 28.0 83.9
150 157.9 0.0 346.4





#78

n-propylbenzene

Concen: 1.389 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066203.D

Acq: 12 Aug 2020 14:42

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-1-A

Tot Ion: 91 Resp: 21213

Ion Ratio Lower Upper

91 100

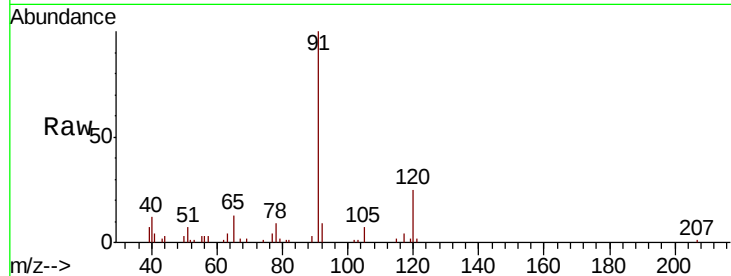
120 23.5 12.0 36.0

Manual Integrations

APPROVED

MMDadoda

8/13/2020 4:21:02 PM



Abundance Ion 91.00 (90.70 to 91.70): VD066203.D (-1802) (-)

Ion 120.00 (119.70 to 120.70): VD066203.D (-1802) (-)

15000

12000

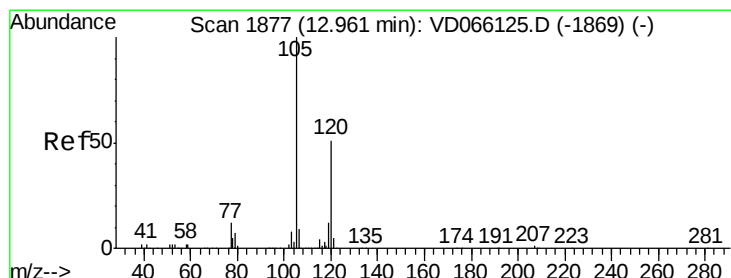
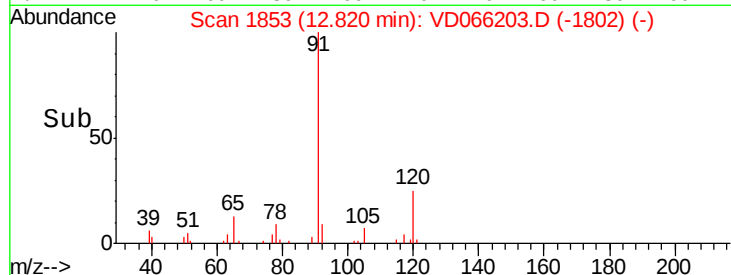
10000

5000

0

12.75 12.80 12.85

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.022 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066203.D

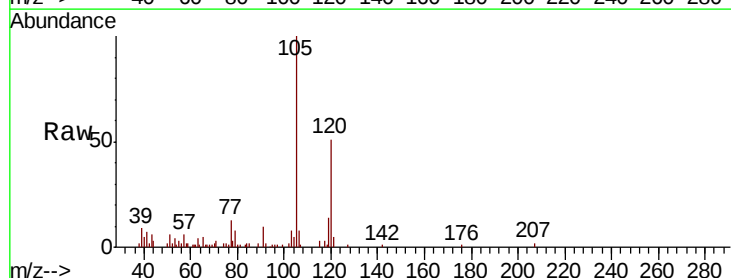
Acq: 12 Aug 2020 14:42

Tgt Ion:105 Resp: 55162

Ion Ratio Lower Upper

105 100

120 52.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066203.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066203.D (-1826) (-)

40000

30000

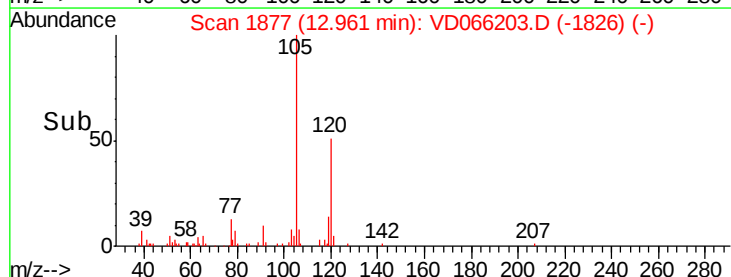
20000

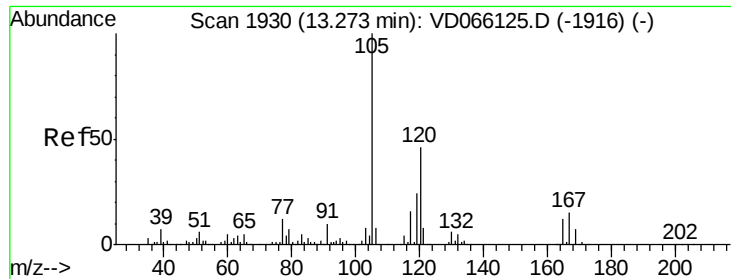
10000

0

12.95 13.00

Time-->





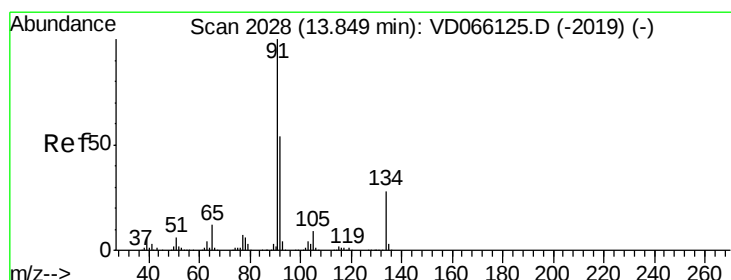
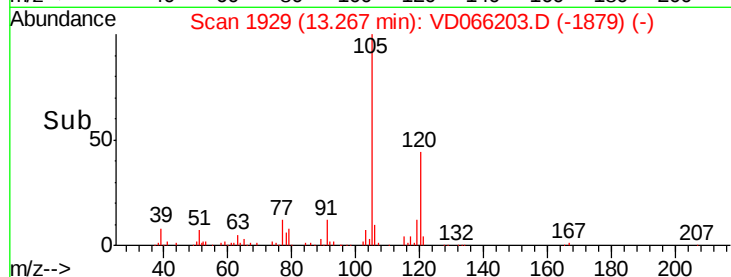
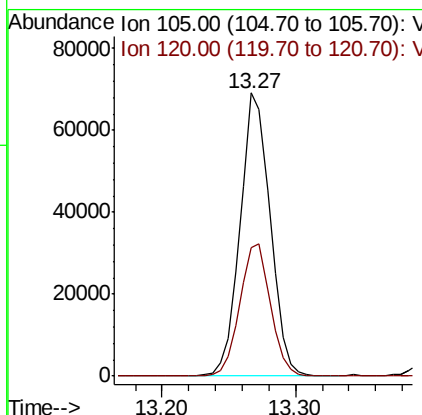
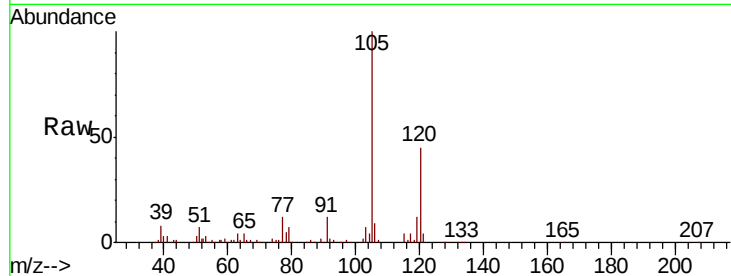
#84
 1,2,4-Trimethylbenzene
 Concen: 9.767 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066203.D
 Acq: 12 Aug 2020 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-1-A

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.1	69.2

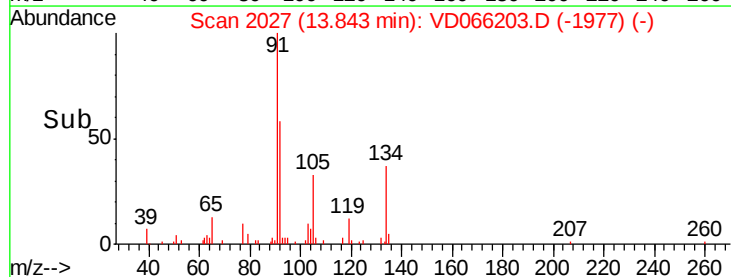
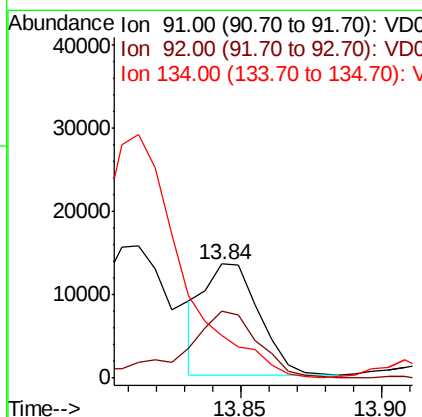
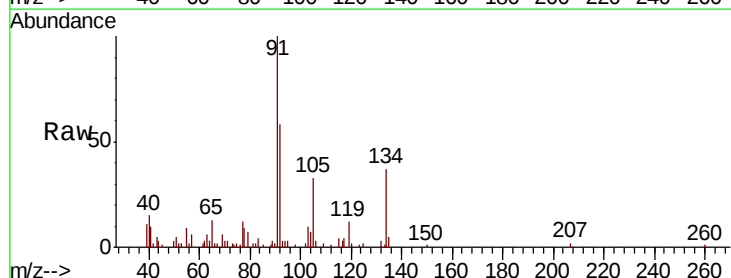
Manual Integrations
 APPROVED

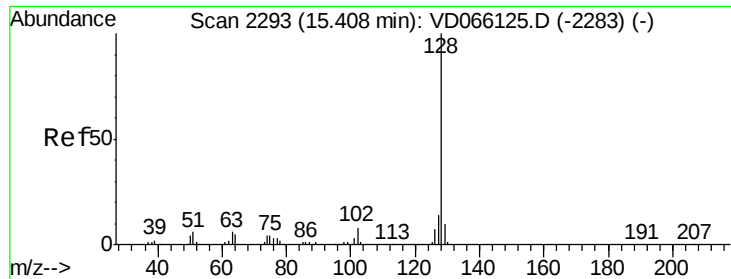
MMDadoda
 8/13/2020 4:21:02 PM



#89
 n-Butylbenzene
 Concen: 1.640 ug/l
 RT: 13.84 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: VD066203.D
 Acq: 12 Aug 2020 14:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	82.7	26.8	80.3#
134	0.0	14.0	41.9#





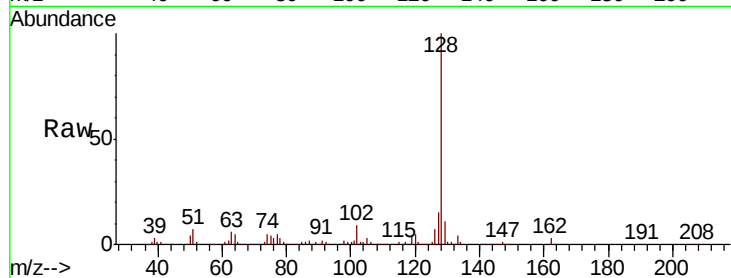
#95
Naphthalene
Concen: 68.411 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066203.D
Acq: 12 Aug 2020 14:42

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-1-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.0	16.4
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/13/2020 4:21:02 PM



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

