

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066527.D
 Acq On : 02 Sep 2020 17:16
 Operator : VA/SY
 Sample : L3866-01
 Misc : 9.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-090120

Manual Integrations
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Quant Time: Sep 03 04:02:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	177530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	248966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	229260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	103825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91025	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	7.91	113	75725	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.34	98	296807	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.64	95	96022	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.71	43	7223m	15.932	ug/l	
20) Methylene Chloride	4.96	84	17253	8.599	ug/l	93
39) Methylcyclohexane	9.35	83	3010	1.180	ug/l	95
40) Benzene	8.35	78	37686	6.694	ug/l	100
52) Toluene	10.40	92	9849	2.459	ug/l	97
95) Naphthalene	15.41	128	24033	6.897	ug/l #	95

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

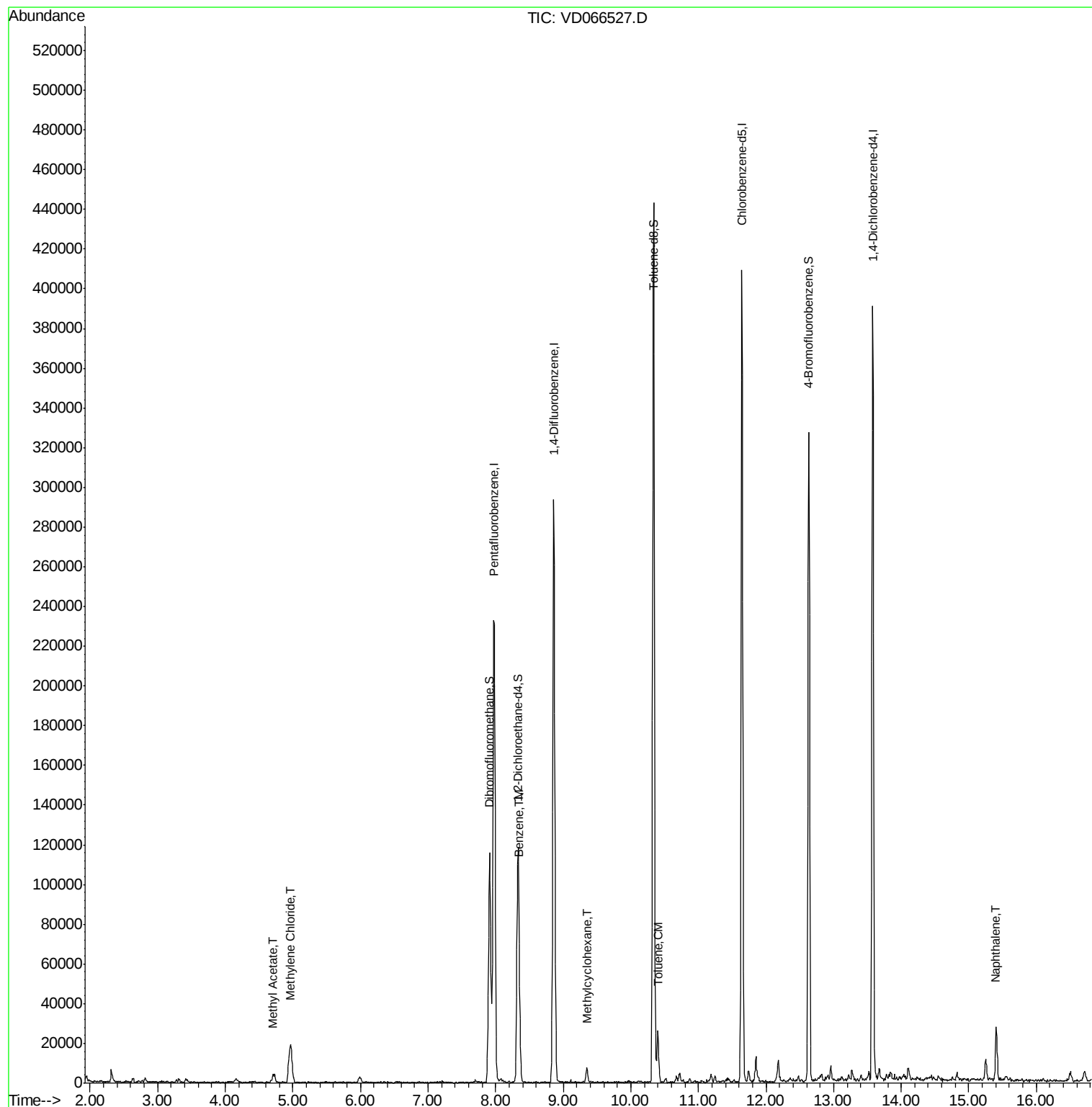
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
Data File : VD066527.D
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Operator : VA/SY
Sample : L3866-01
Misc : 9.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

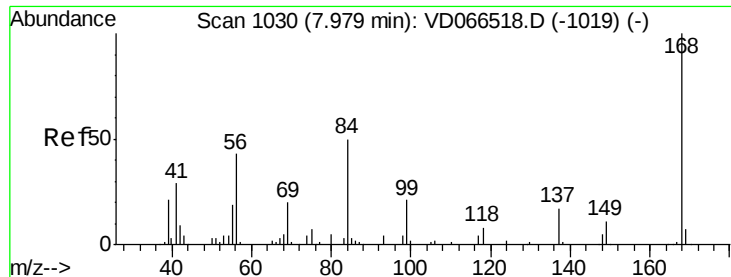
Instrument :
MSVOA_D
ClientSampleId :
OK-03-090120

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Quant Time: Sep 03 04:02:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 02 15:08:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066527.D

Acq: 02 Sep 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

OK-03-090120

Tot Ion:168 Resp: 177530

Ion Ratio Lower Upper

168 100

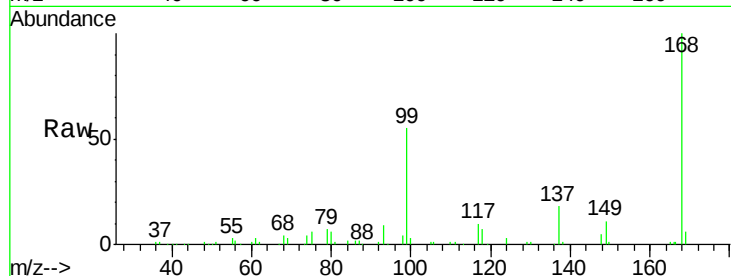
99 54.6 45.1 67.7

Manual Integrations

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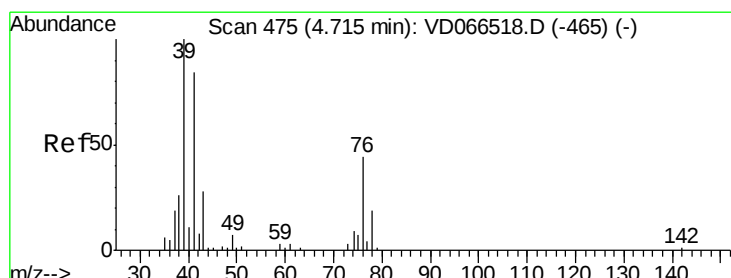
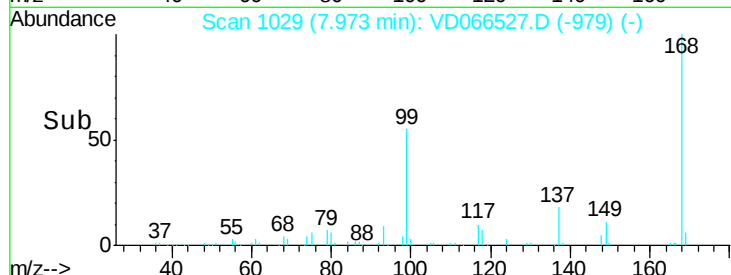
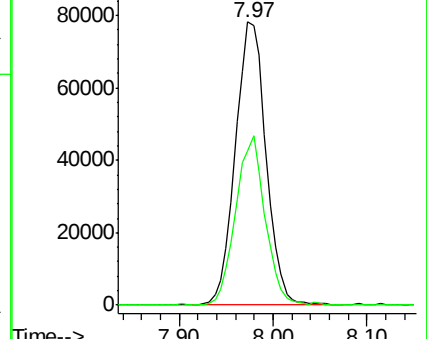
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#18

Methyl Acetate

Concen: 15.932 ug/l m

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066527.D

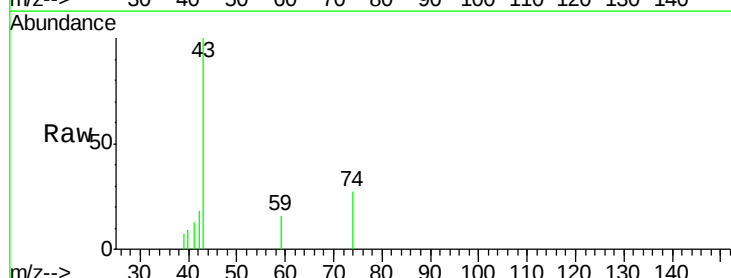
Acq: 02 Sep 2020 17:16

Tgt Ion: 43 Resp: 7223

Ion Ratio Lower Upper

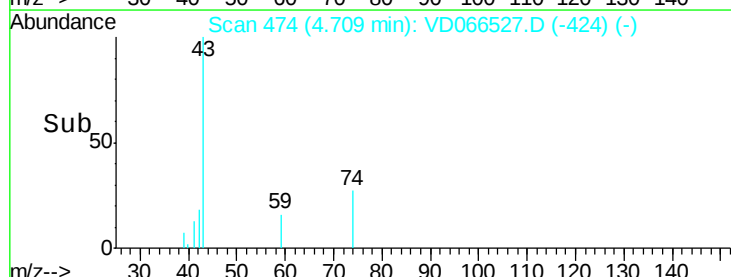
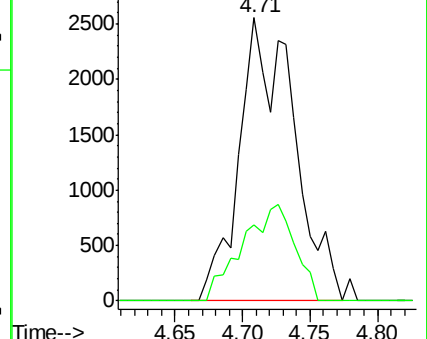
43 100

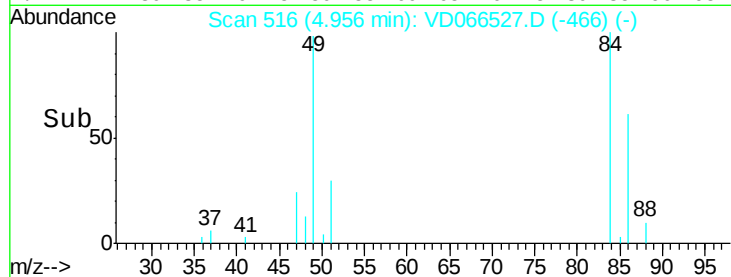
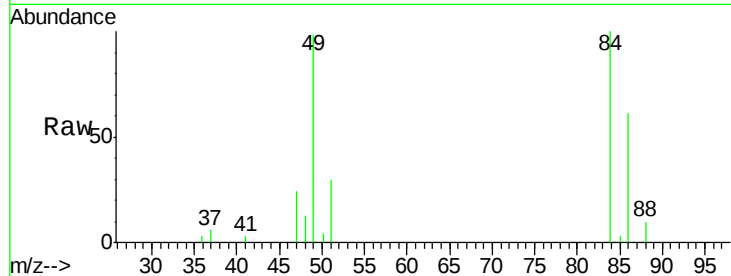
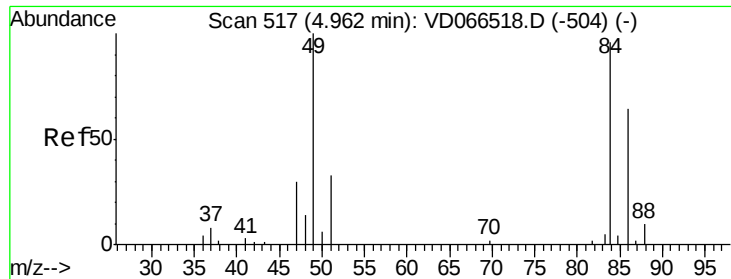
74 32.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





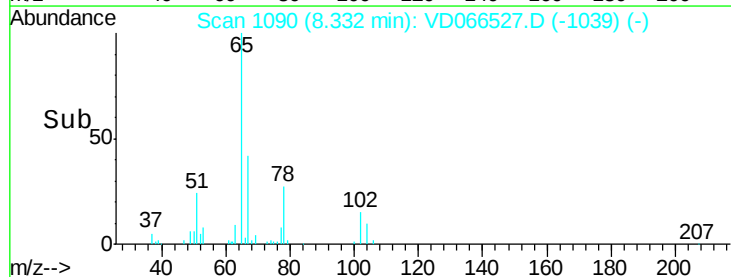
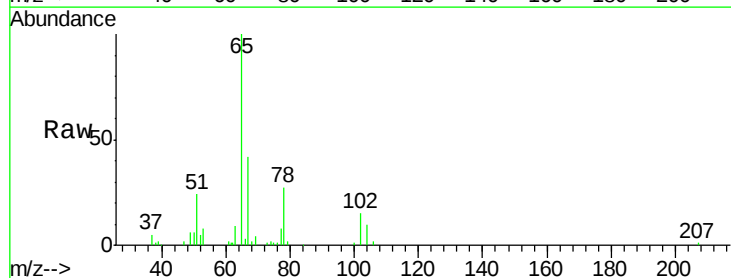
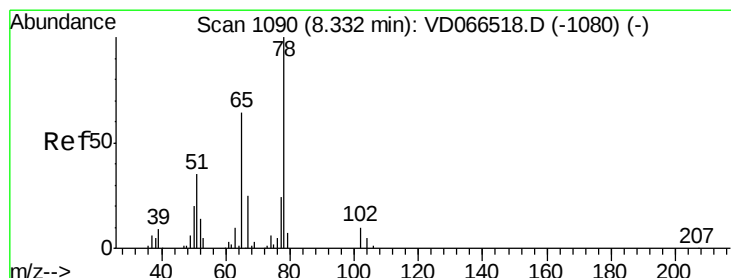
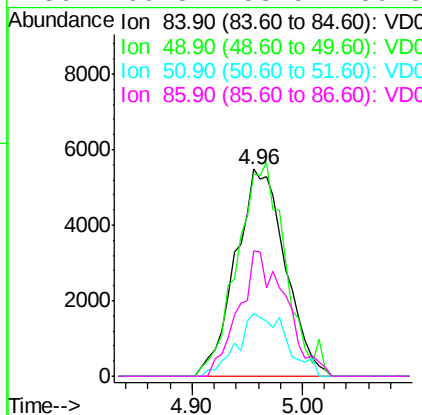
#20
Methvlene Chloride
Concen: 8.599 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066527.D
Acq: 02 Sep 2020 17:16

Tot Ion	Ratio	Lower	Upper
84	100		
49	97.8	83.5	125.3
51	30.3	27.8	41.8
86	60.8	53.5	80.3

Instrument :
MSVOA_D
ClientSampleId :
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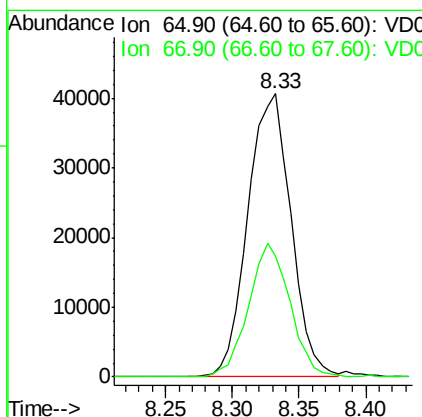
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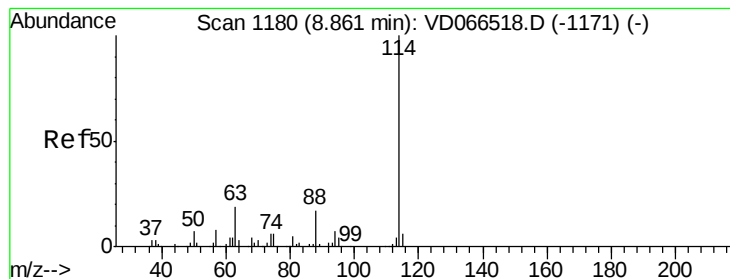
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#33
1,2-Dichloroethane-d4
Concen: 47.676 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066527.D
Acq: 02 Sep 2020 17:16

Tgt Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	88.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066527.D

Acq: 02 Sep 2020 17:16

Instrument :

MSVOA_D

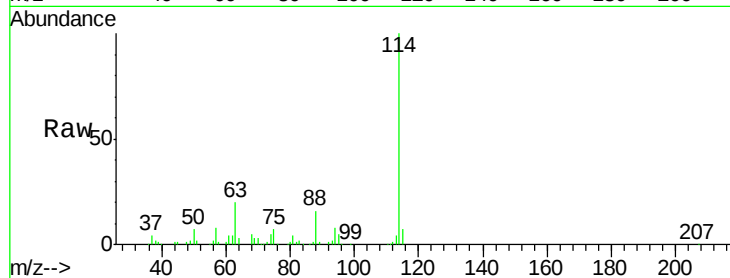
ClientSampleId :

OK-03-090120

Tot Ion:	114	Resp:	248966
Ion Ratio		Lower	Upper
114	100		
63	20.2	0.0	38.6
88	15.8	0.0	33.6

Manual Integrations
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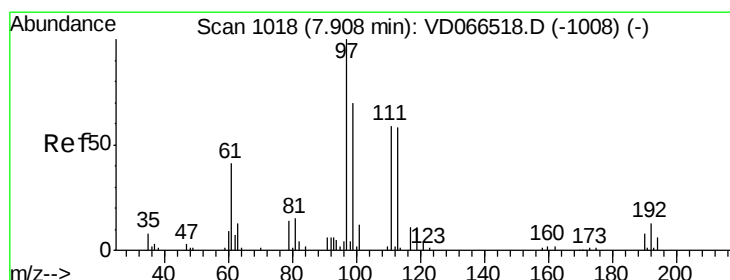
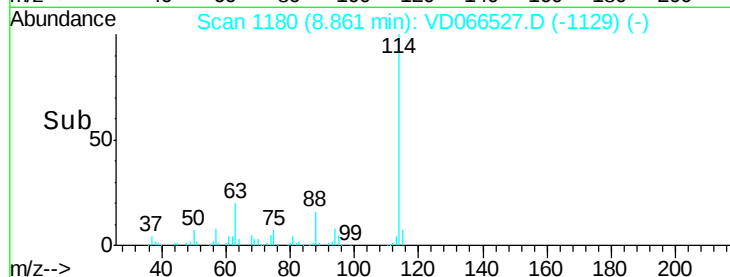
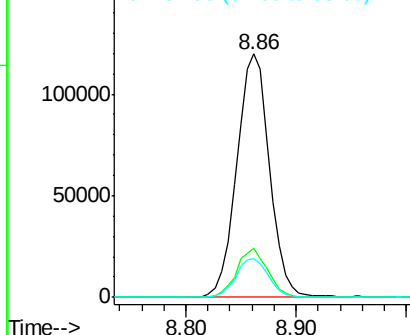
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.571 ug/l

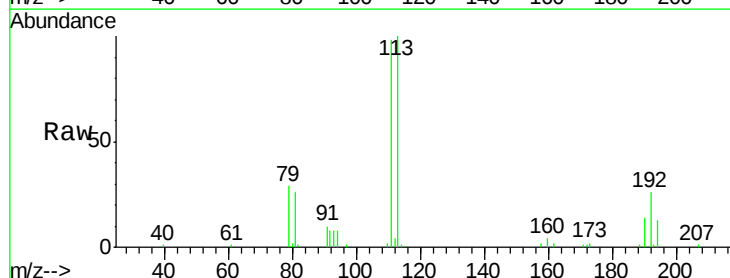
RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066527.D

Acq: 02 Sep 2020 17:16

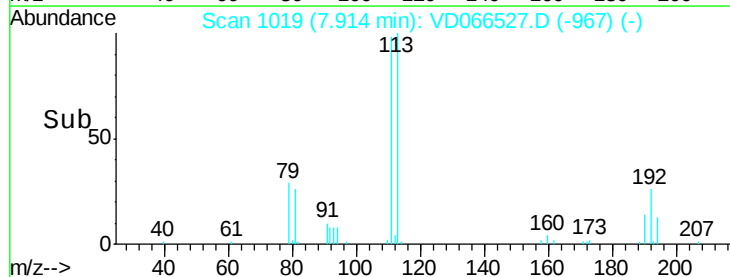
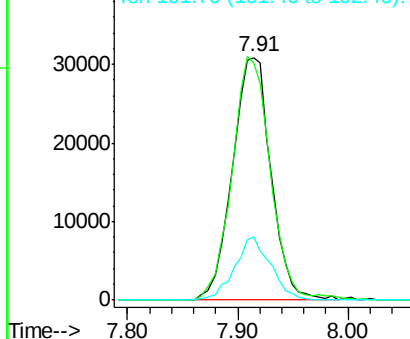
Tgt Ion:	113	Resp:	75725
Ion Ratio		Lower	Upper
113	100		
111	99.7	82.5	123.7
192	24.3	20.7	31.1

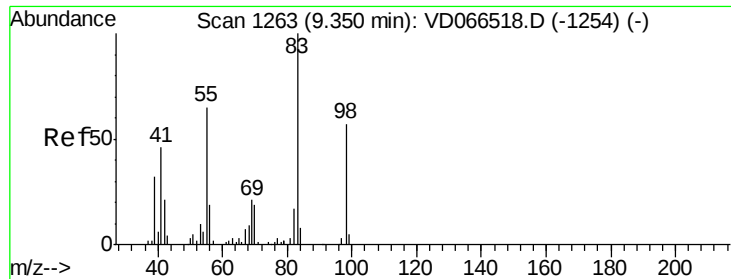


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





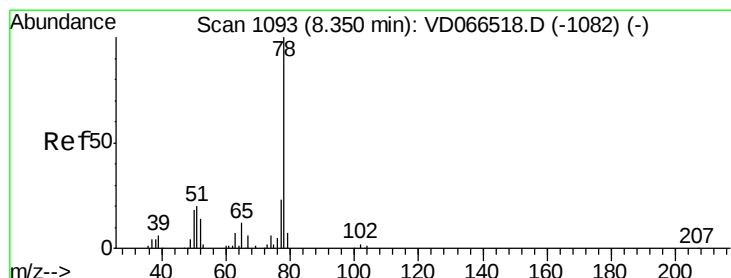
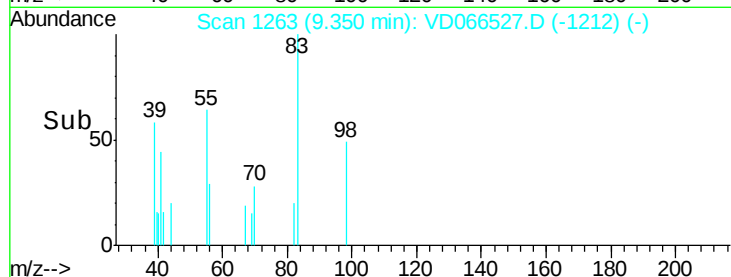
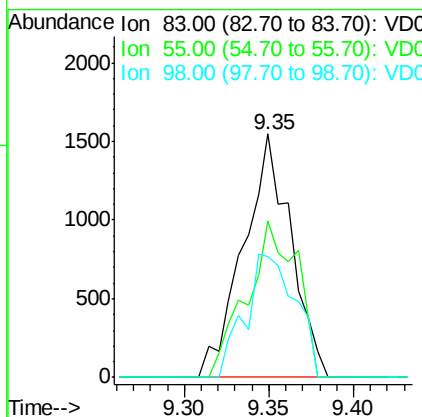
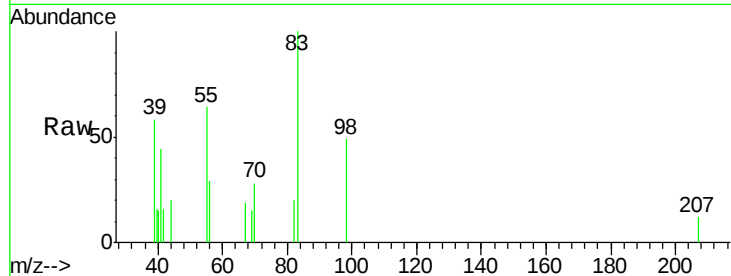
#39
Methvlcvclohexane
Concen: 1.180 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066527.D
Acq: 02 Sep 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
OK-03-090120

Tot Ion	83	Resp	3010
Ion	Ratio	Lower	Upper
83	100		
55	64.3	52.2	78.2
98	49.4	45.6	68.4

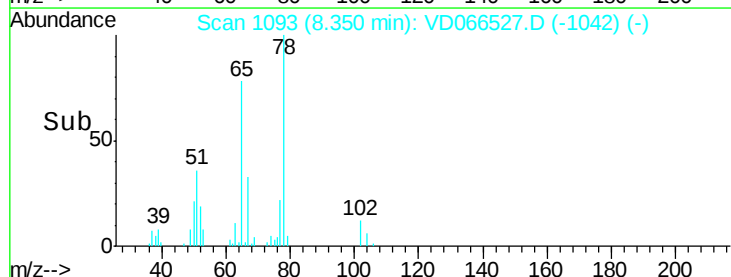
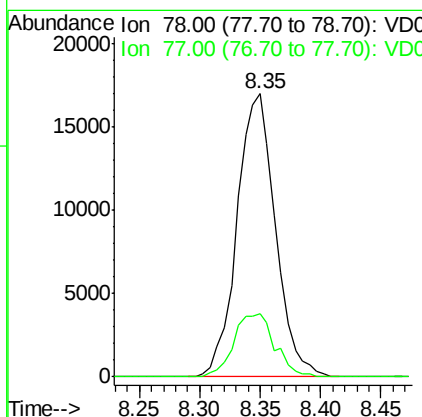
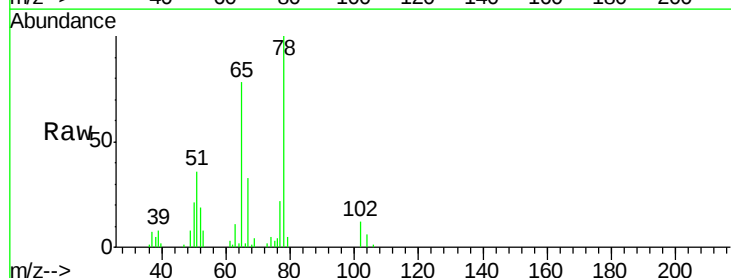
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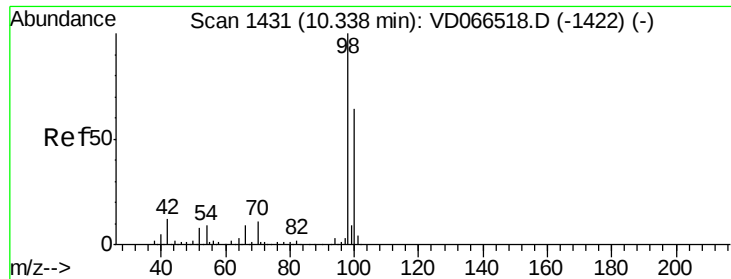
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#40
Benzene
Concen: 6.694 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066527.D
Acq: 02 Sep 2020 17:16

Tgt Ion	78	Resp	37686
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.1	27.1





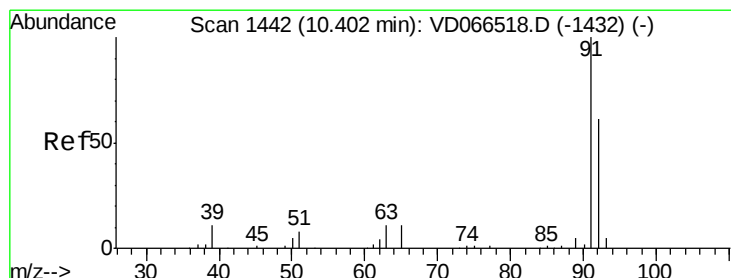
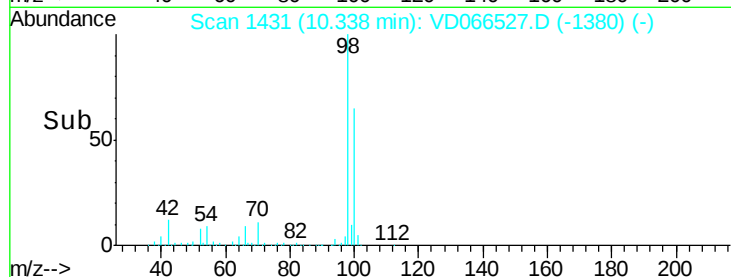
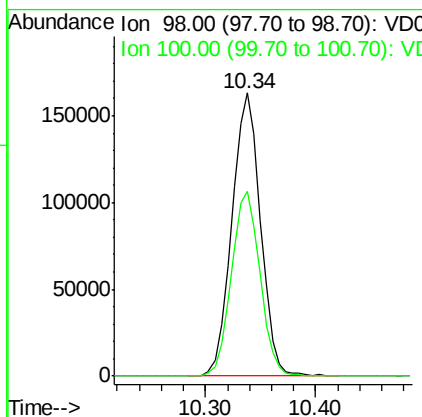
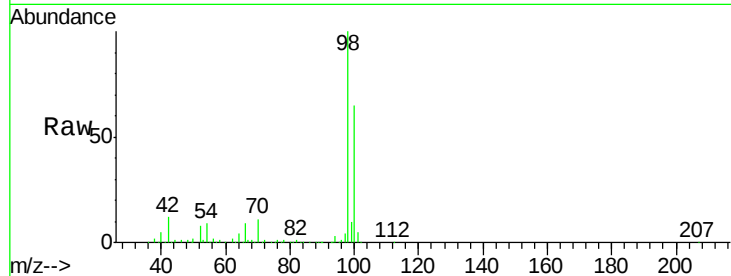
#50
Toluene-d8
Concen: 52.788 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066527.D
Acq: 02 Sep 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion: 98 Resp: 296807
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2

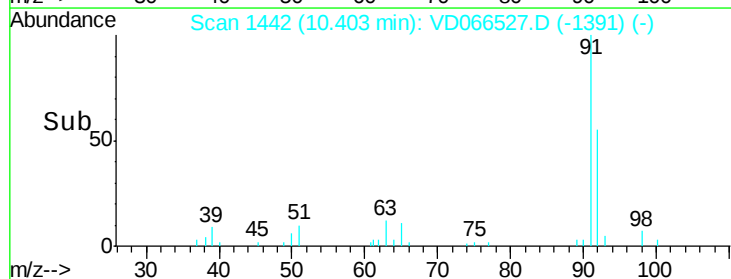
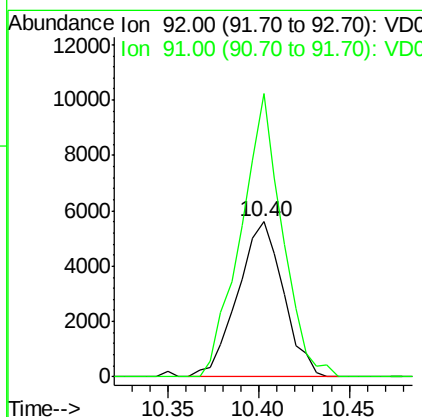
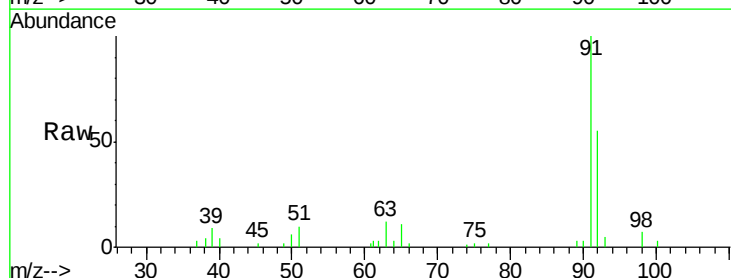
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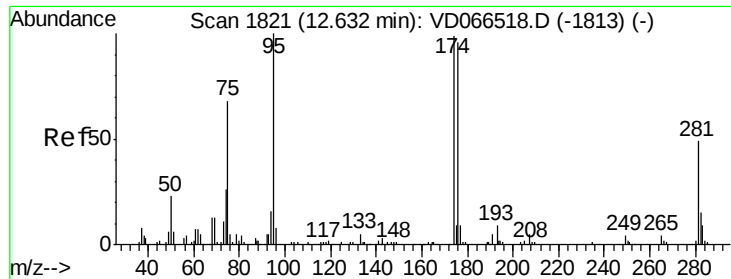
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#52
Toluene
Concen: 2.459 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066527.D
Acq: 02 Sep 2020 17:16

Tgt Ion: 92 Resp: 9849
Ion Ratio Lower Upper
92 100
91 164.8 135.0 202.4





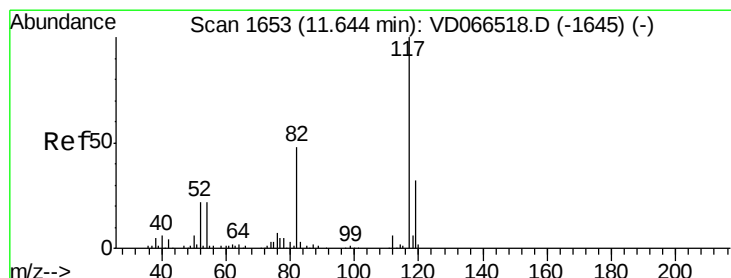
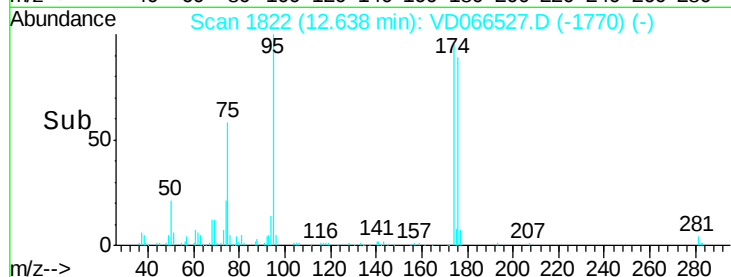
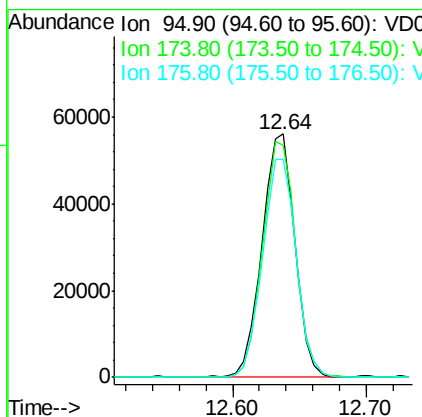
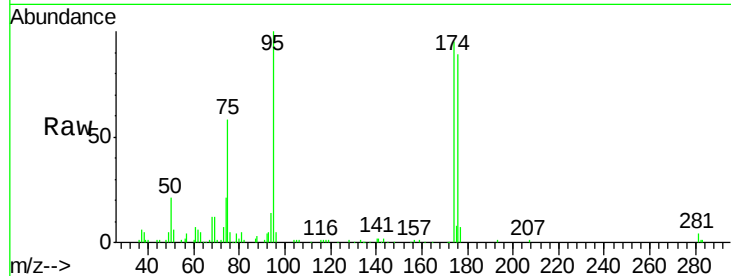
#62
4-Bromofluorobenzene
Concen: 47.908 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066527.D
Acq: 02 Sep 2020 17:16

Instrument :
MSVOA_D
ClientSampleId :
OK-03-090120

Tot Ion	Ratio	Resp	Lower	Upper
95	100	96022		
174	96.7	0.0	203.2	
176	91.6	0.0	198.6	

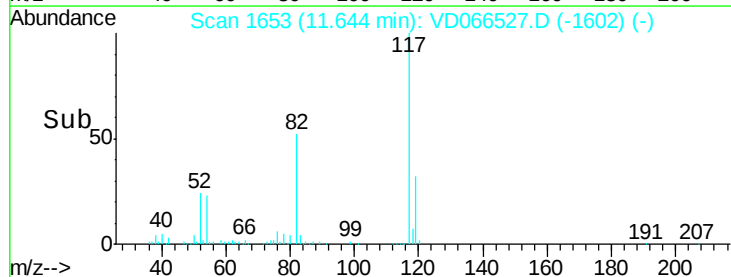
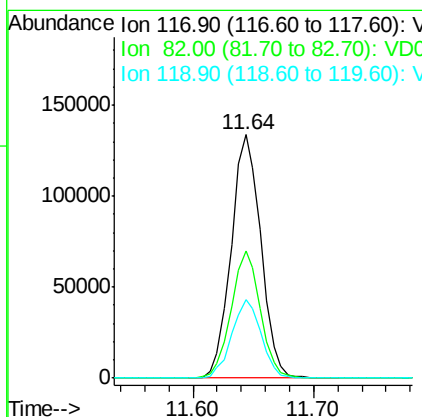
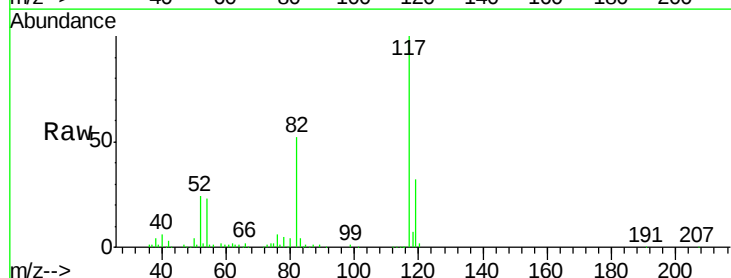
Manual Integrations
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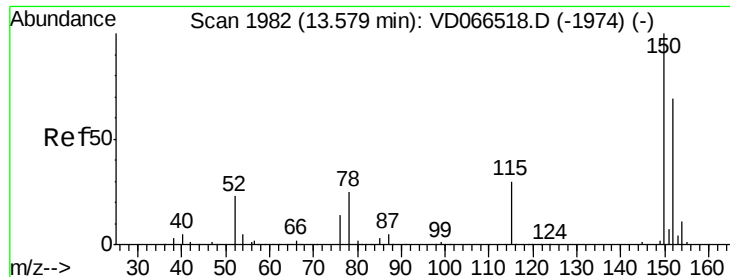
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066527.D
Acq: 02 Sep 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	229260		
82	52.2	38.5	57.7	
119	32.3	25.9	38.9	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066527.D

Acq: 02 Sep 2020 17:16

Instrument :

MSVOA_D

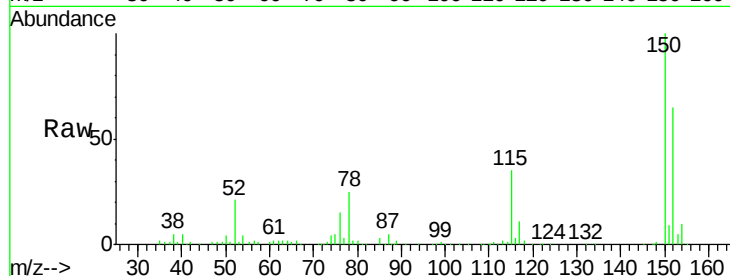
ClientSampleId :

OK-03-090120

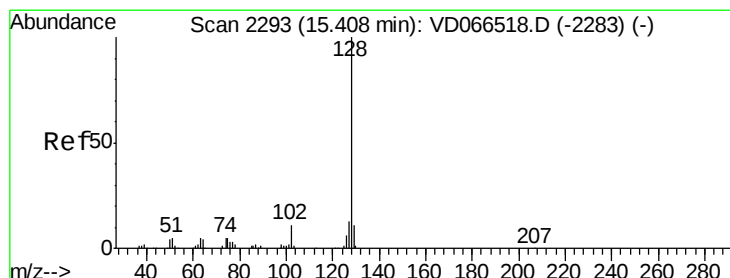
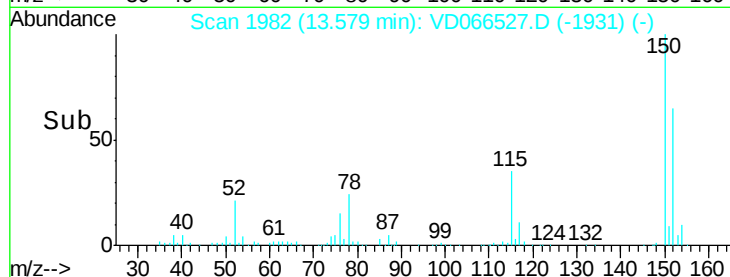
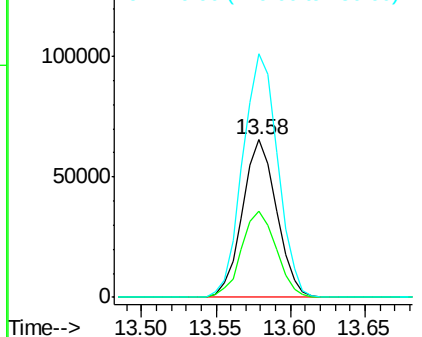
Tot Ion:	152	Resp:	103825
Ion Ratio	Lower	Upper	
152	100		
115	55.6	28.9	86.8
150	158.5	0.0	339.6

Manual Integrations
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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



#95

Naphthalene

Concen: 6.897 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066527.D

Acq: 02 Sep 2020 17:16

Tgt Ion:	128	Resp:	24033
Ion Ratio	Lower	Upper	
128	100		
127	14.9	11.1	16.7
129	13.4	8.6	12.8#

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

