

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067621.D
 Acq On : 12 Nov 2020 14:19
 Operator : VA/SY
 Sample : L4706-01
 Misc : 1.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

Manual Integrations
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 11/16/2020 2:34:45 PM

Quant Time: Nov 13 01:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	336427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	506367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	435566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	191834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	120990	41.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.26%	
35) Dibromofluoromethane	7.92	113	149134	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.35	98	559577	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.64	95	190852	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	806199	1831.410	ug/l	96
20) Methylene Chloride	4.97	84	22143	7.121	ug/l	93
39) Methylcyclohexane	9.36	83	644770	126.388	ug/l	93
40) Benzene	8.36	78	78638	6.698	ug/l	95
52) Toluene	10.40	92	31500472m	4005.634	ug/l	
67) Ethyl Benzene	11.75	91	3509646	244.451	ug/l	99
68) m/p-Xylenes	11.86	106	5884077	1053.434	ug/l	95
69) o-Xylene	12.18	106	2229988	447.163	ug/l	99
73) Isopropylbenzene	12.48	105	466460	37.624	ug/l	99
78) n-propylbenzene	12.83	91	1540300	108.617	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1378733	130.181	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	3797922	360.256	ug/l	98
85) sec-Butylbenzene	13.41	105	39582m	3.267	ug/l	
86) p-Isopropyltoluene	13.52	119	27325m	2.335	ug/l	
89) n-Butylbenzene	13.85	91	28341	2.804	ug/l #	74
95) Naphthalene	15.40	128	59739	11.343	ug/l	97

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

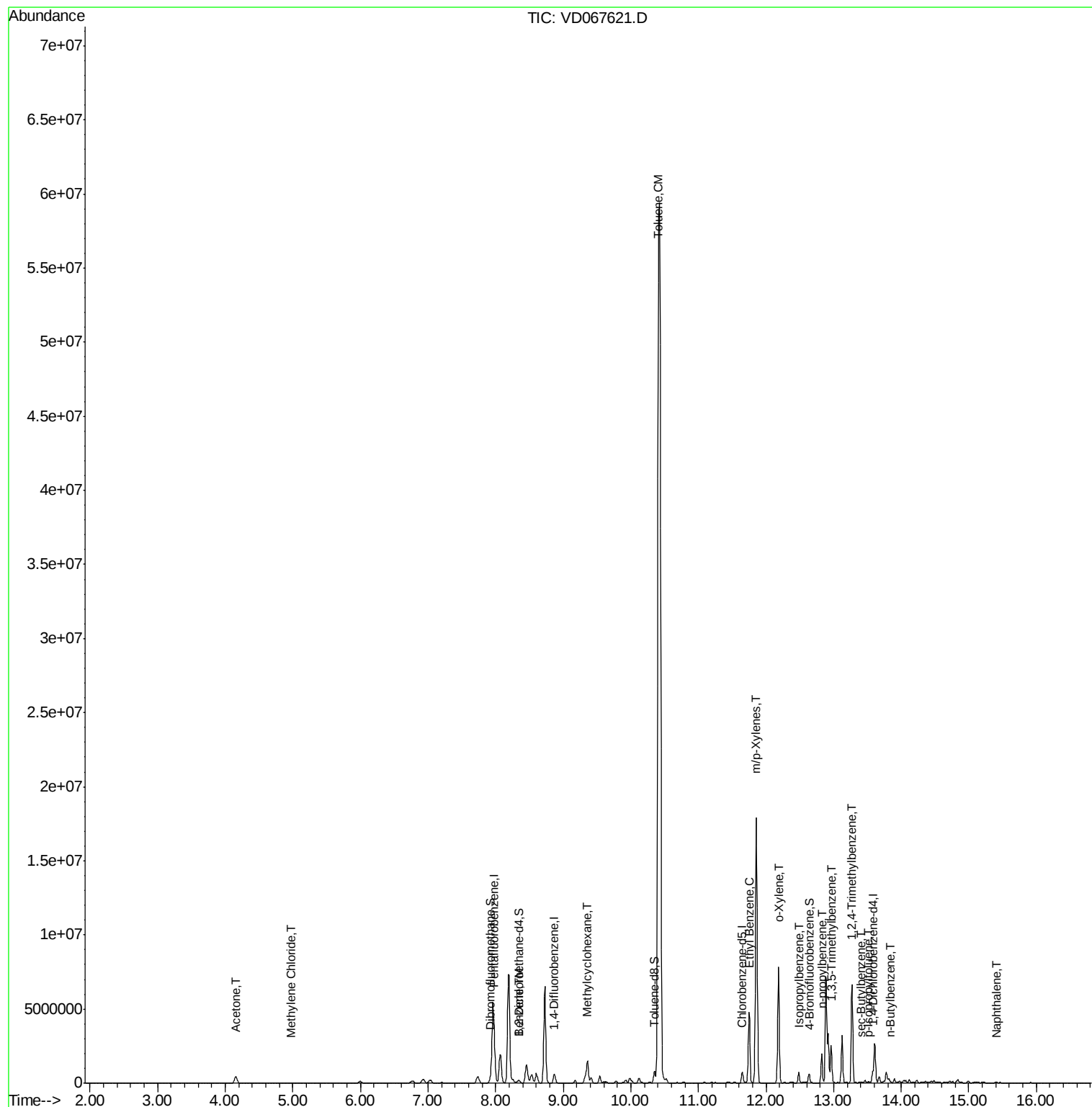
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111220\
Data File : VD067621.D
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Operator : VA/SY
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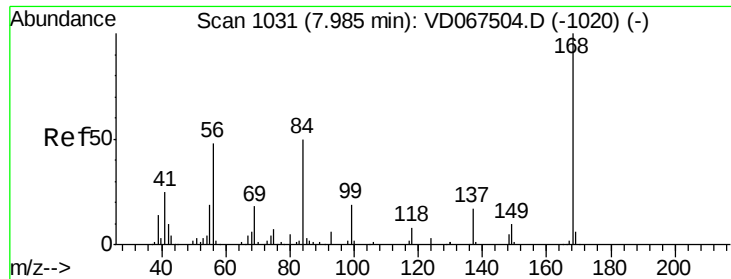
Instrument :
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COMP-30706-30707-40854

Manual Integrations
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Quant Time: Nov 13 01:09:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

Tot Ion:168 Resp: 336427

Ion Ratio Lower Upper

168 100

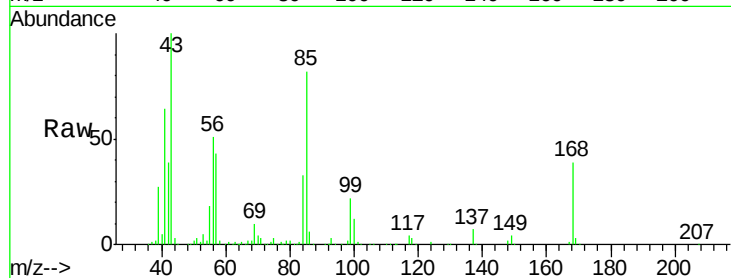
99 55.7 45.0 67.6

Manual Integrations

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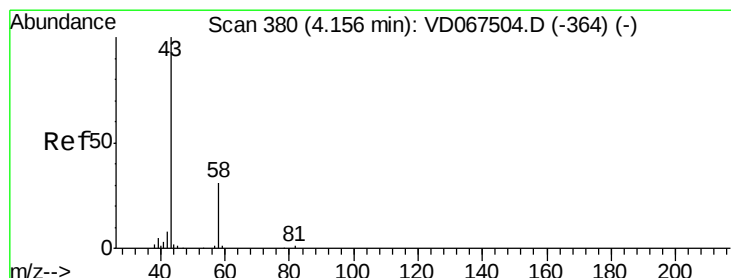
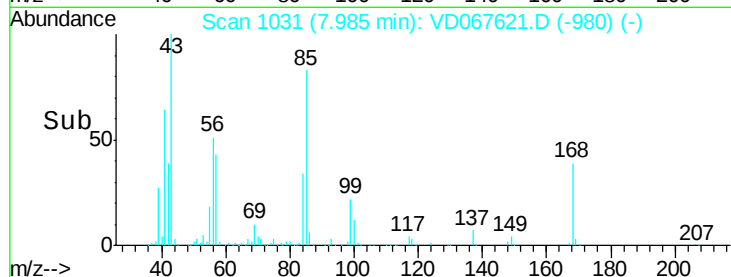
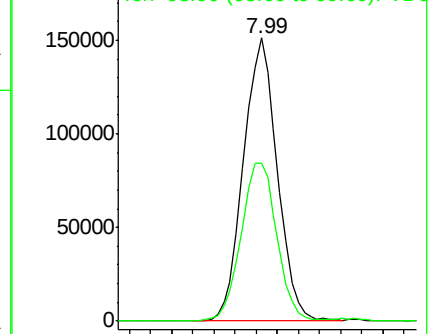
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1831.410 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067621.D

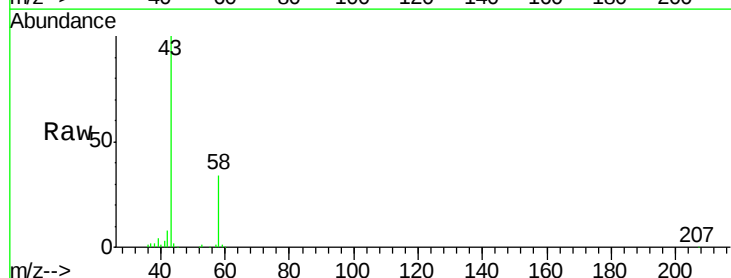
Acq: 12 Nov 2020 14:19

Tgt Ion: 43 Resp: 806199

Ion Ratio Lower Upper

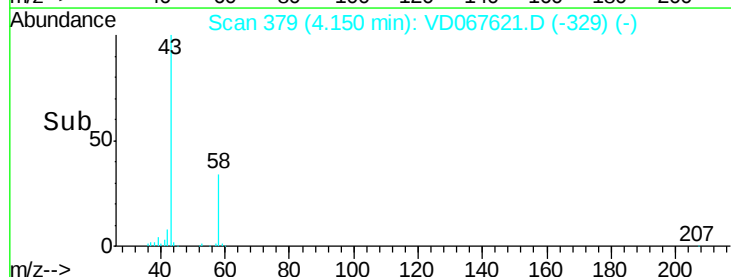
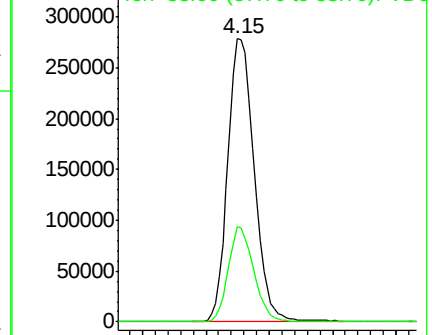
43 100

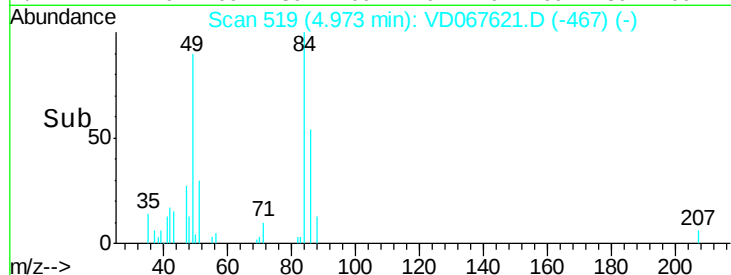
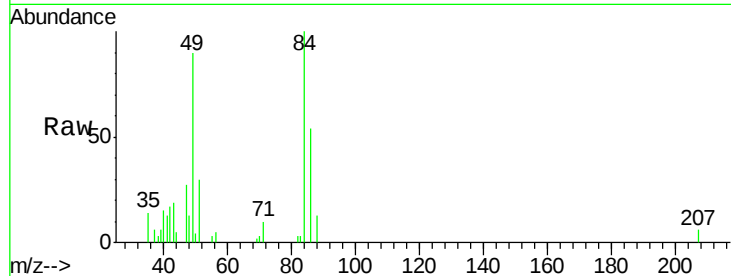
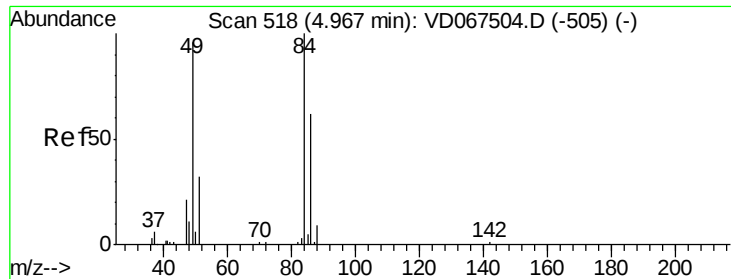
58 33.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





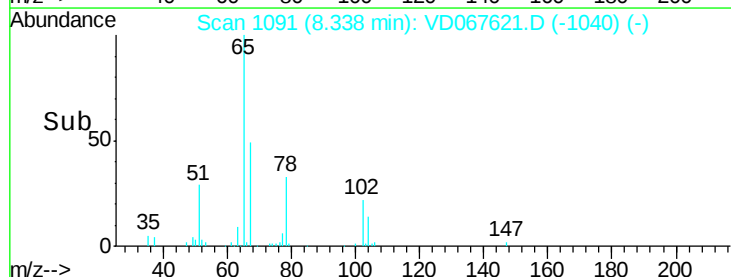
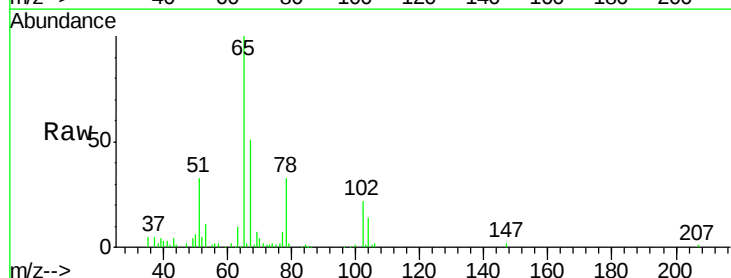
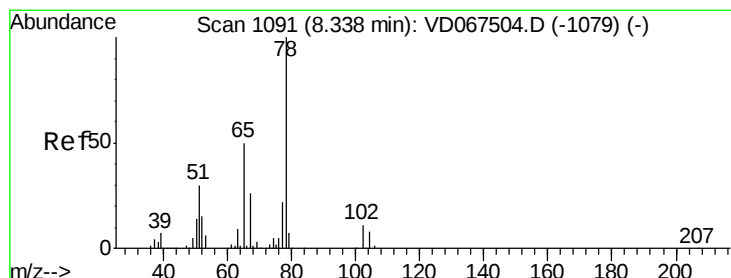
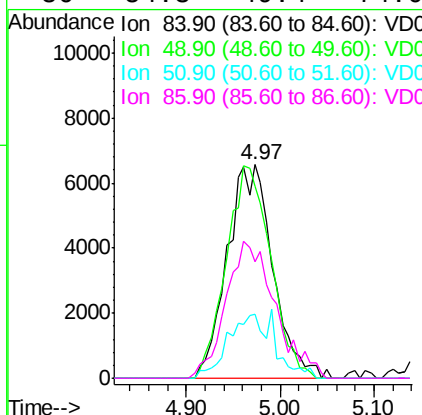
#20
Methvlene Chloride
Concen: 7.121 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tot Ion	84	49	51	86
Ion	100	89.7	29.8	54.3
Ratio				
Lower		77.0	25.4	49.4
Upper		115.4	38.2	74.0

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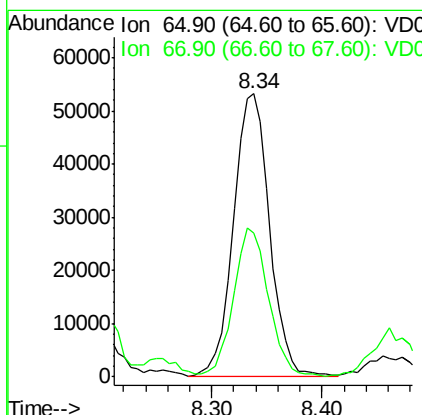
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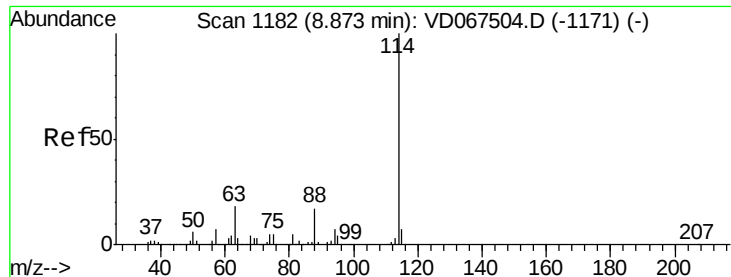
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#33
1,2-Dichloroethane-d4
Concen: 41.130 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion	65	67
Ion	100	50.8
Ratio		
Lower		0.0
Upper		99.4





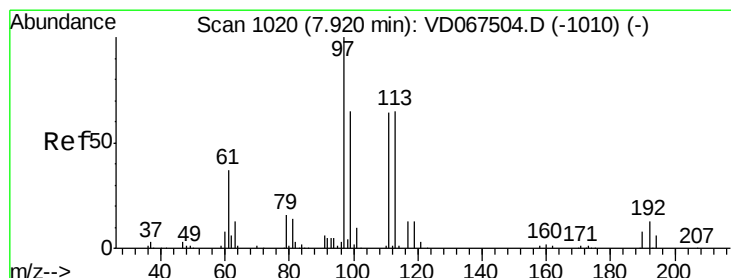
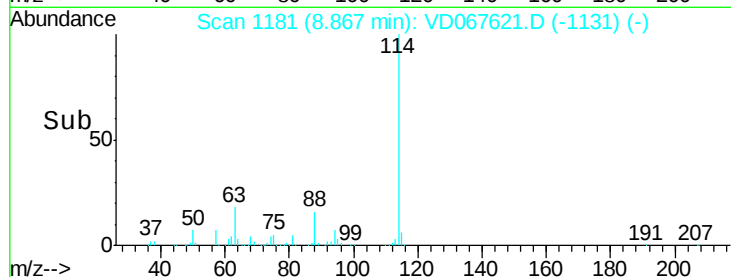
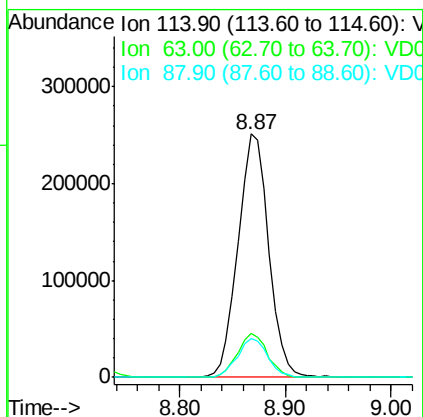
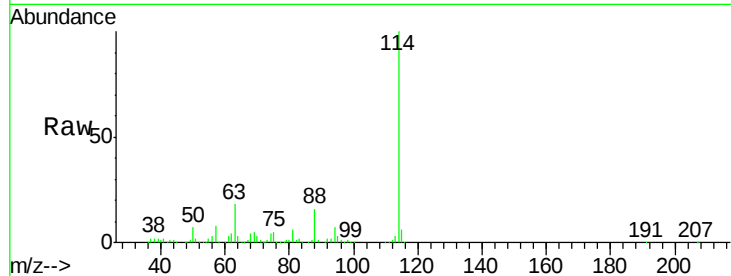
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	17.9	0.0	35.0
88	15.9	0.0	33.0

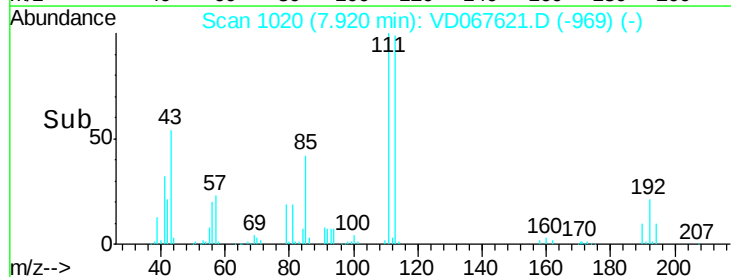
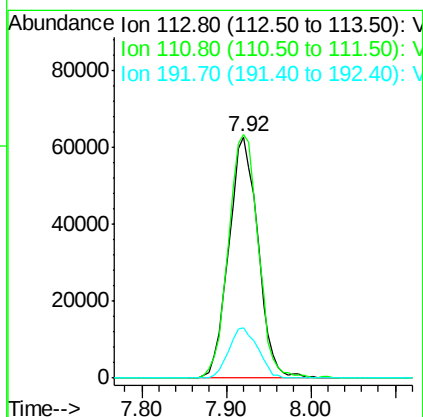
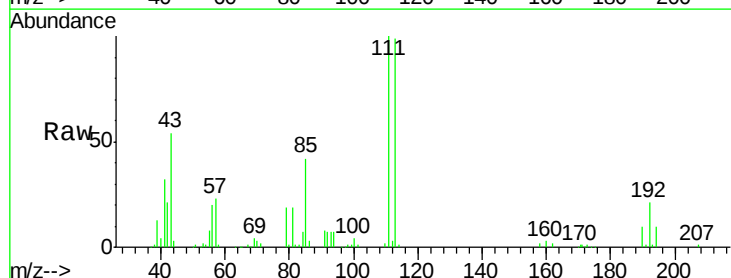
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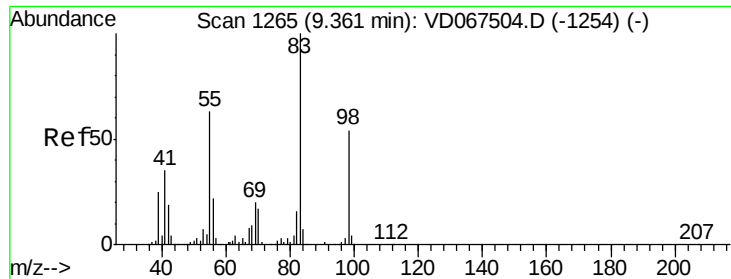
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#35
 Dibromofluoromethane
 Concen: 48.883 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.1	80.0	120.0
192	21.0	16.3	24.5





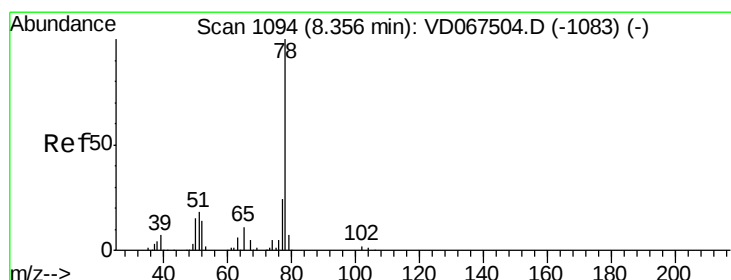
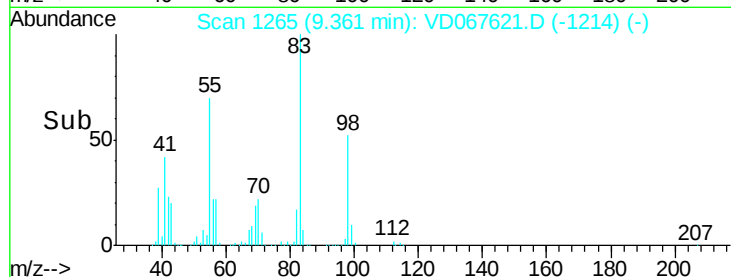
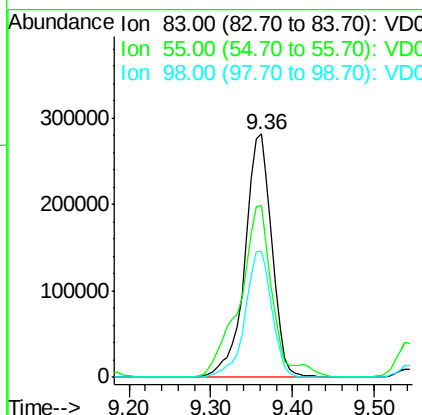
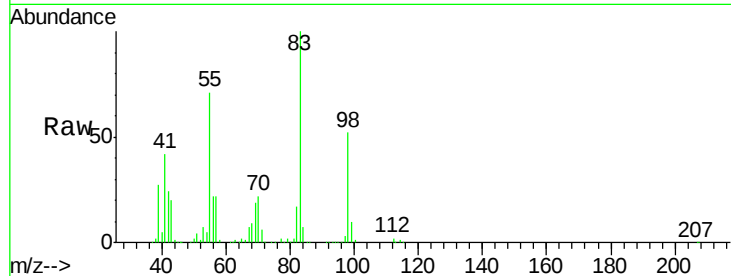
#39
Methvlcvclohexane
Concen: 126.388 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
83	100	644770		
55	70.6		50.5	75.7
98	51.9		43.4	65.0

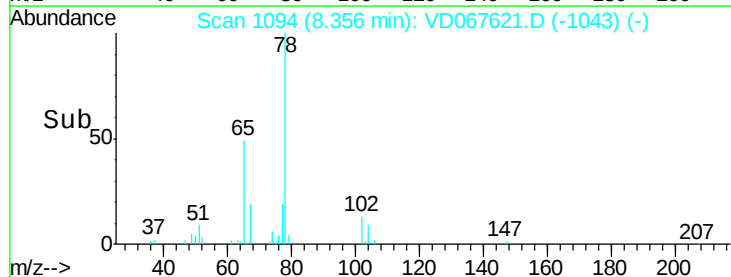
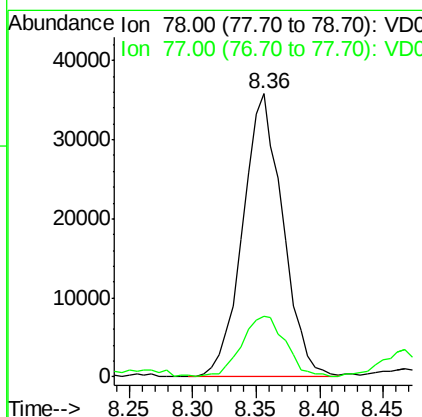
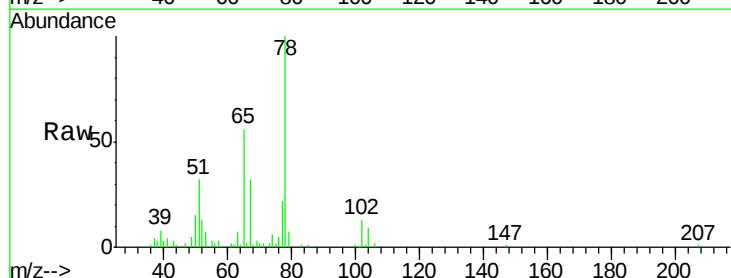
Manual Integrations
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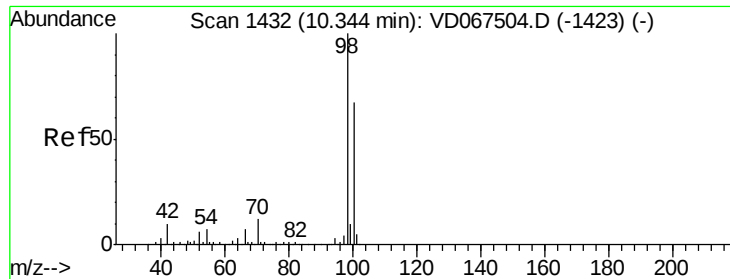
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#40
Benzene
Concen: 6.698 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	78638		
77	21.6		19.1	28.7





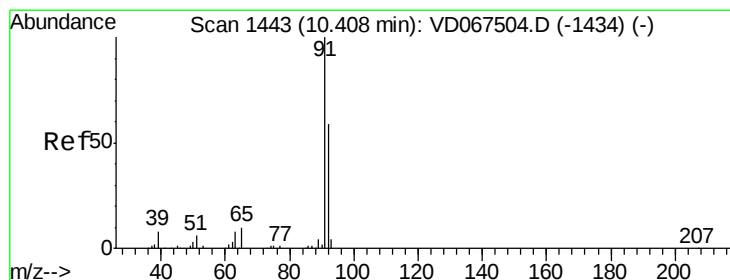
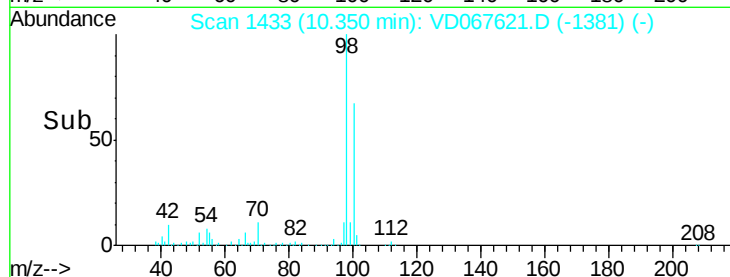
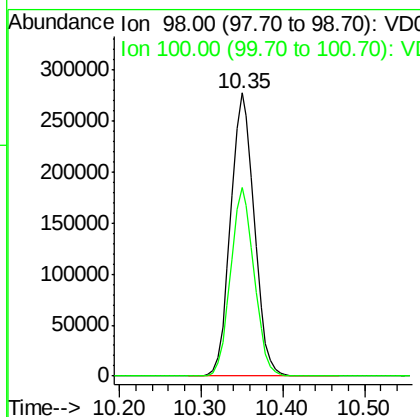
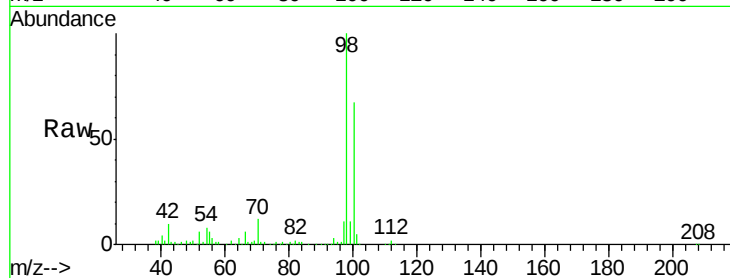
#50
Toluene-d8
Concen: 52.193 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion: 98 Resp: 559577
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6

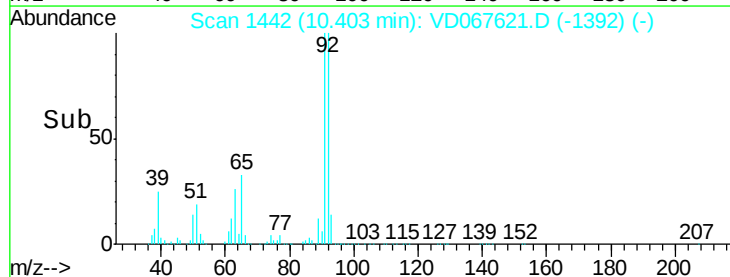
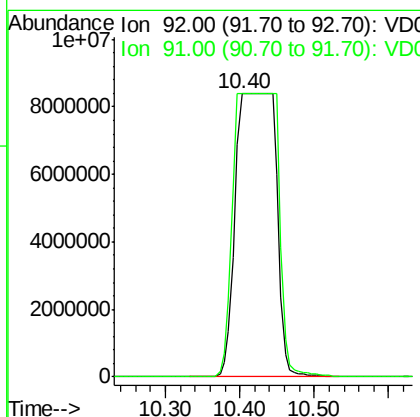
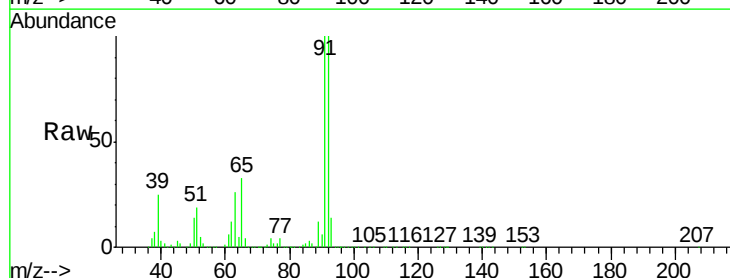
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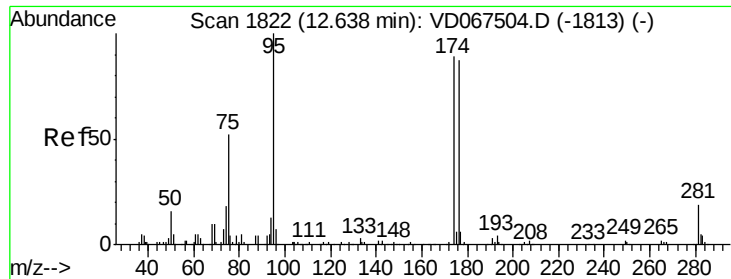
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#52
Toluene
Concen: 4005.634 ug/l m
RT: 10.40 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion: 92 Resp: 31500472
Ion Ratio Lower Upper
92 100
91 0.0 137.0 205.6#





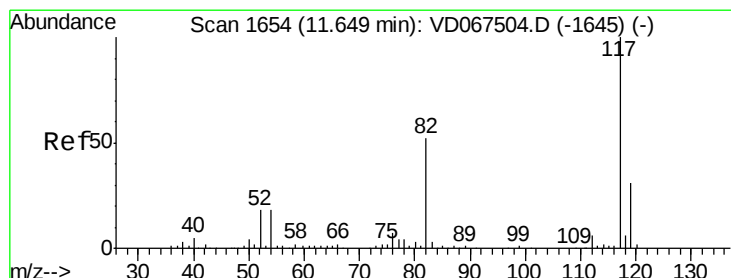
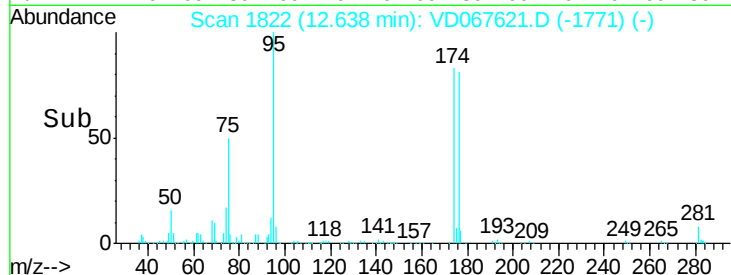
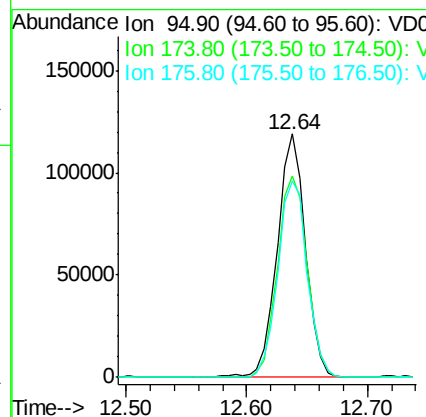
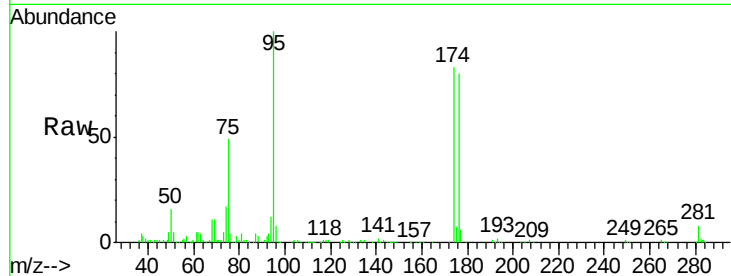
#62
4-Bromofluorobenzene
Concen: 51.560 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

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Tot Ion	Ratio	Resp	Lower	Upper
95	100	190852		
174	87.3	0.0	177.8	
176	83.8	0.0	172.0	

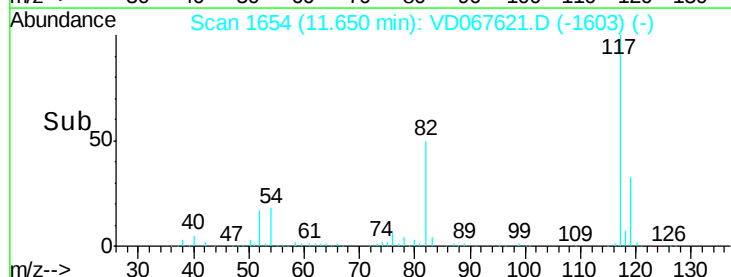
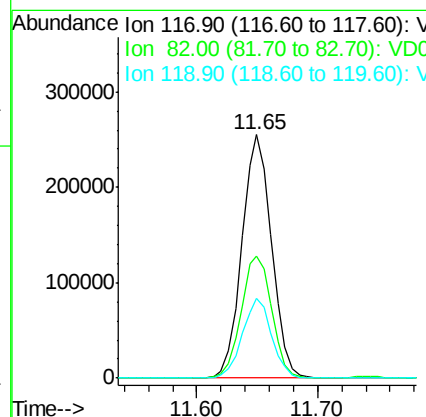
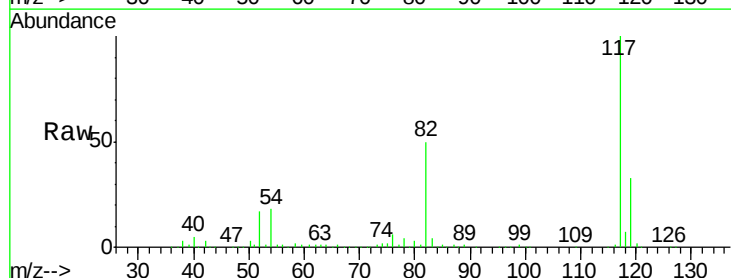
Manual Integrations
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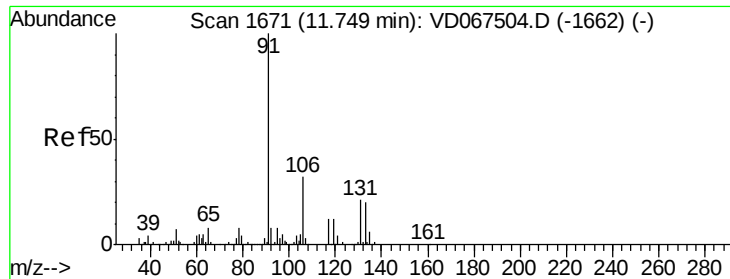
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	435566		
82	50.0	41.6	62.4	
119	32.7	25.1	37.7	





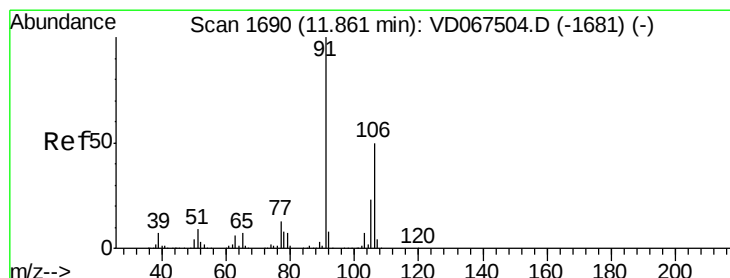
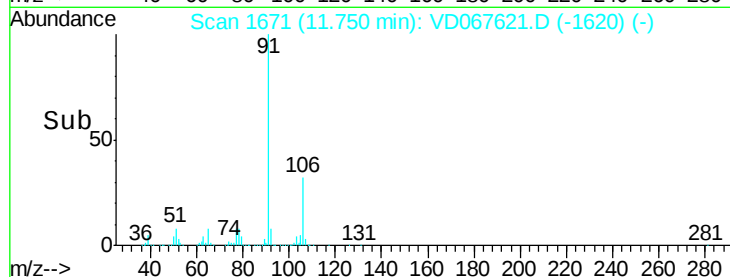
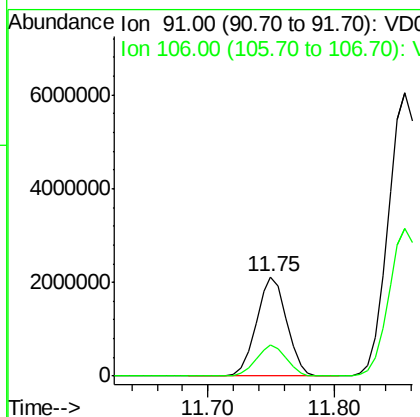
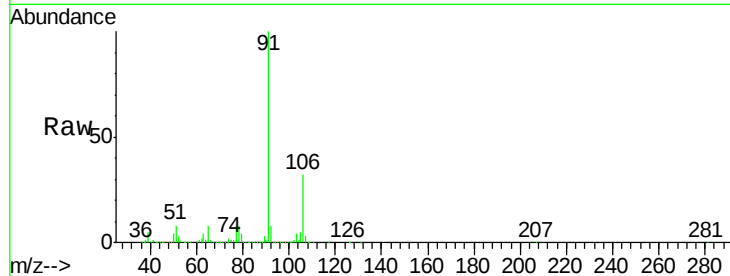
#67
Ethyl Benzene
Concen: 244.451 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion: 91 Resp: 3509646
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

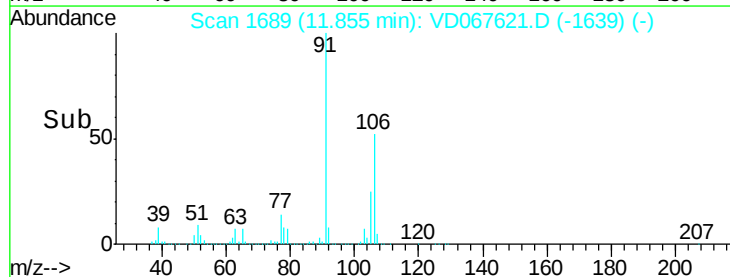
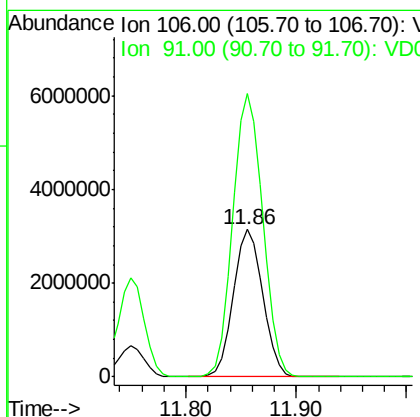
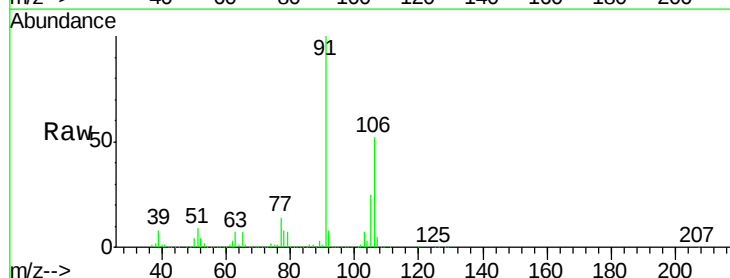
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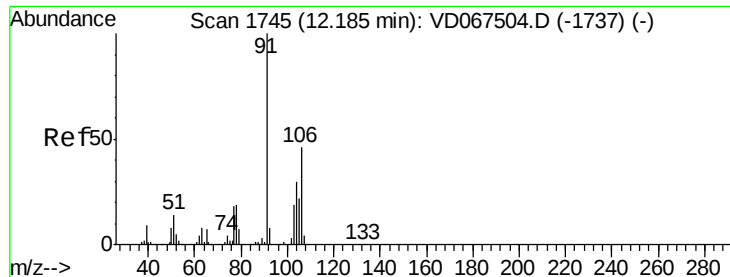
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#68
m/p-Xylenes
Concen: 1053.434 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion: 106 Resp: 5884077
Ion Ratio Lower Upper
106 100
91 196.1 162.6 244.0





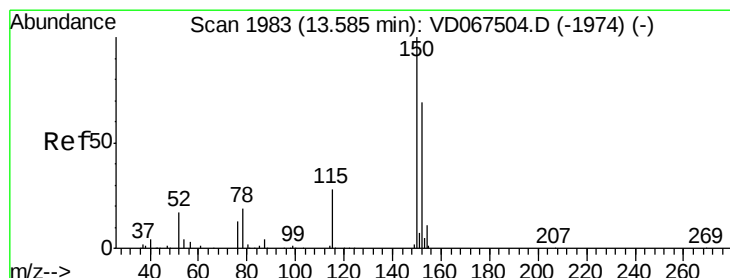
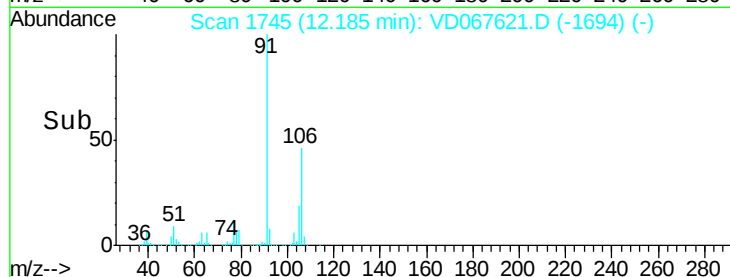
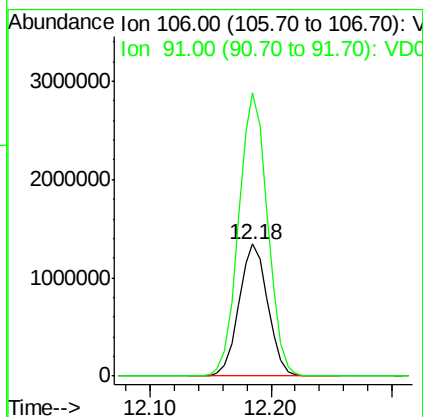
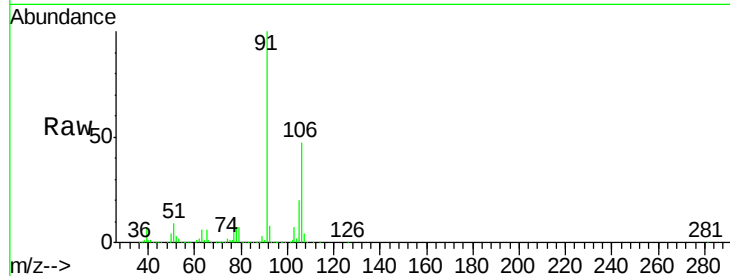
#69
o-Xylene
Concen: 447.163 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

Tot Ion:106 Resp: 2229988
Ion Ratio Lower Upper
106 100
91 215.4 107.1 321.1

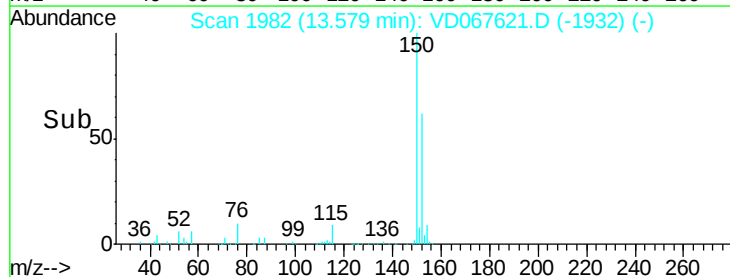
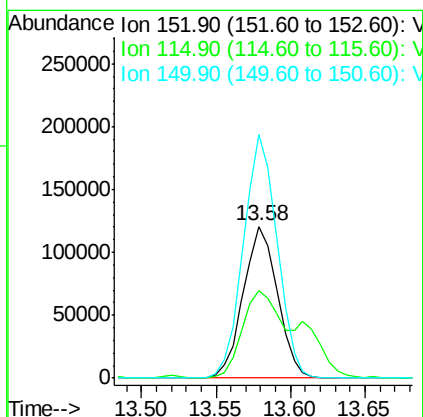
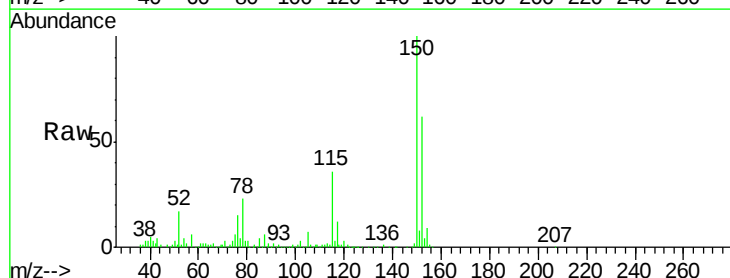
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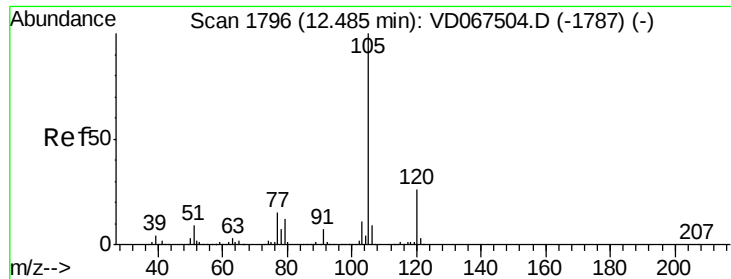
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion:152 Resp: 191834
Ion Ratio Lower Upper
152 100
115 94.6 29.3 88.0#
150 157.5 0.0 338.2





#73

Isopropylbenzene

Concen: 37.624 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

Tot Ion: 105 Resp: 466460

Ion Ratio Lower Upper

105 100

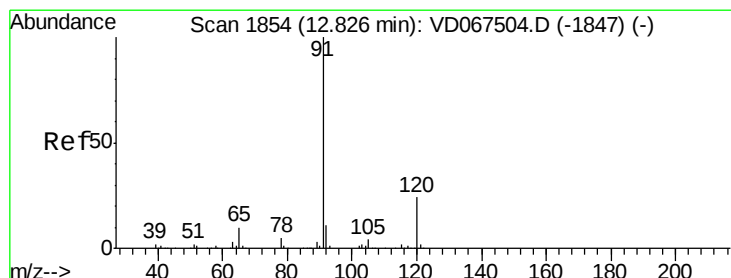
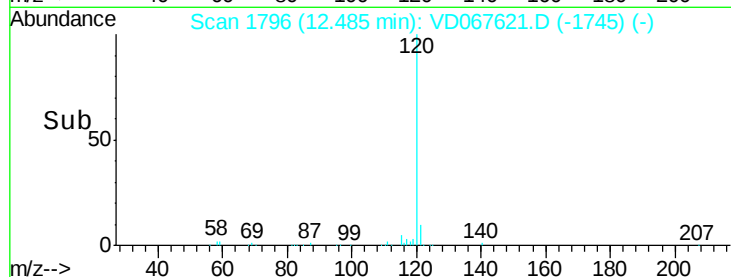
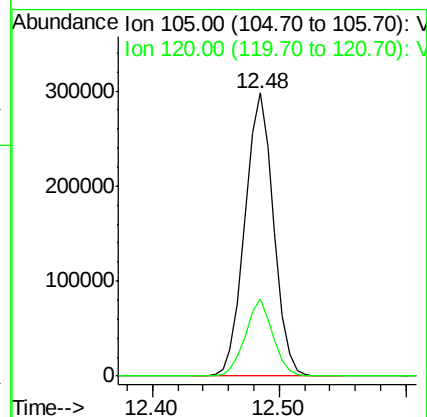
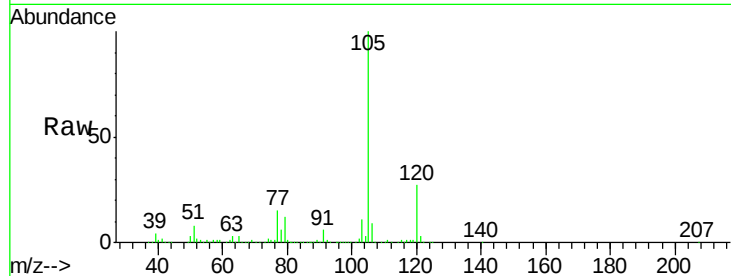
120 26.1 13.2 39.6

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#78

n-propylbenzene

Concen: 108.617 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067621.D

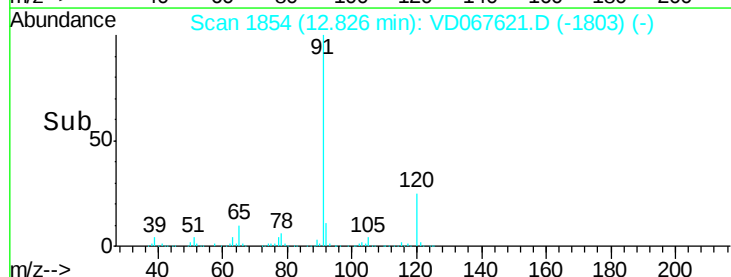
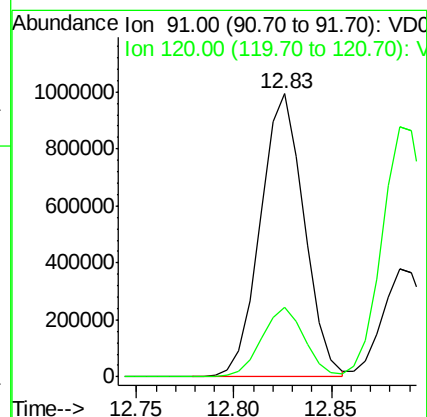
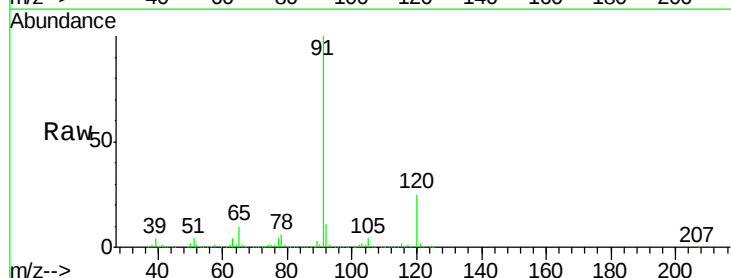
Acq: 12 Nov 2020 14:19

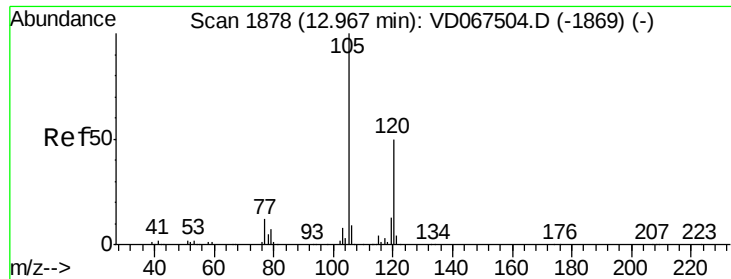
Tgt Ion: 91 Resp: 1540300

Ion Ratio Lower Upper

91 100

120 24.3 12.2 36.4





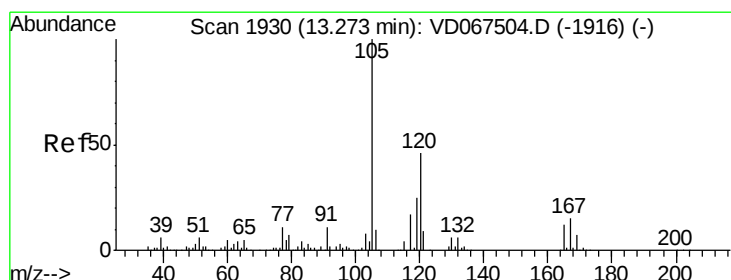
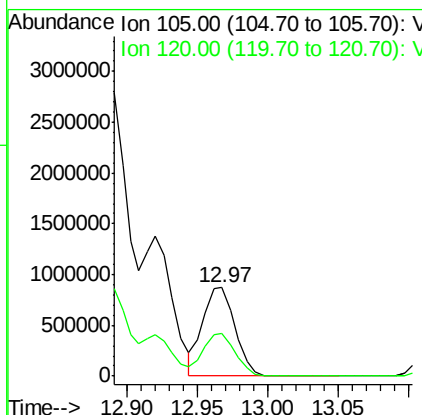
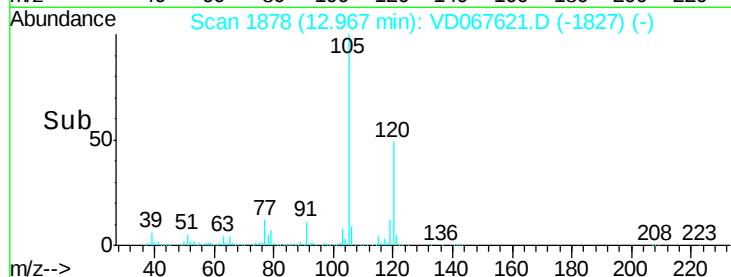
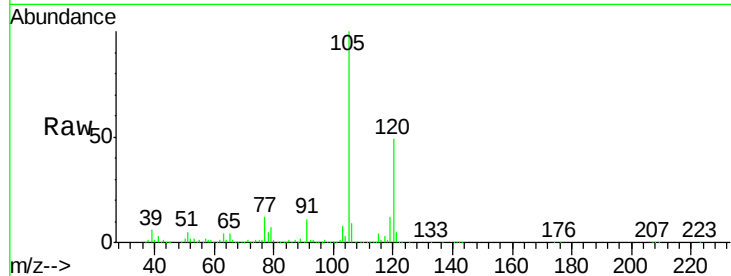
#80
 1,3,5-Trimethylbenzene
 Concen: 130.181 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-30706-30707-40854

Tot Ion:105 Resp: 1378733
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8

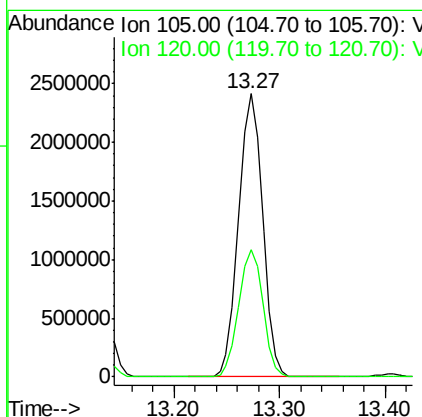
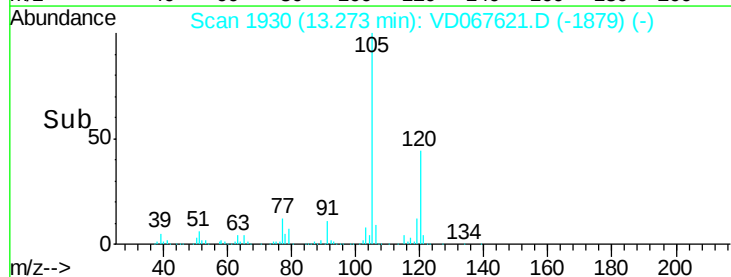
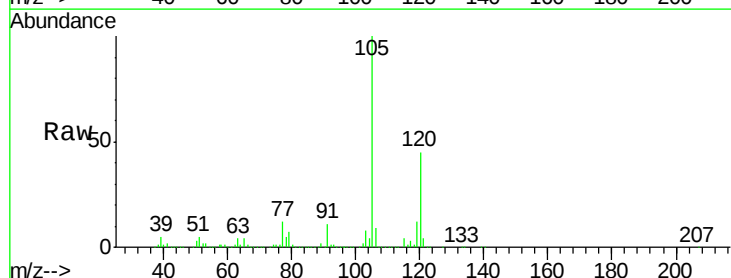
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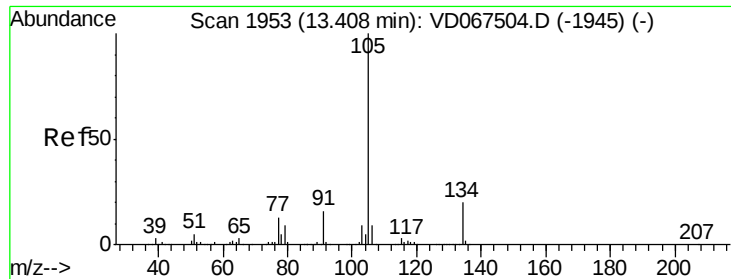
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#84
 1,2,4-Trimethylbenzene
 Concen: 360.256 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067621.D
 Acq: 12 Nov 2020 14:19

Tgt Ion:105 Resp: 3797922
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 3.267 ug/l m

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

COMP-30706-30707-40854

Tot Ion:105 Resp: 39582

Ion Ratio Lower Upper

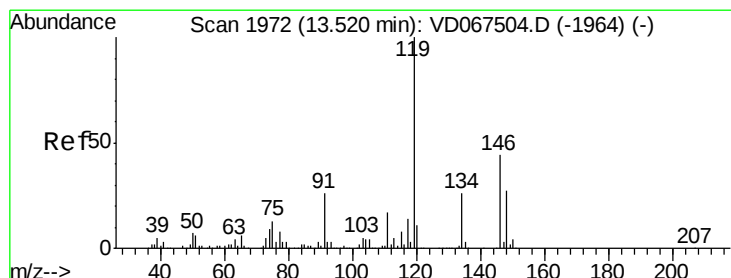
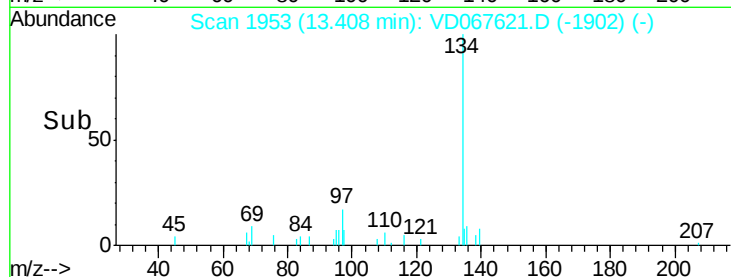
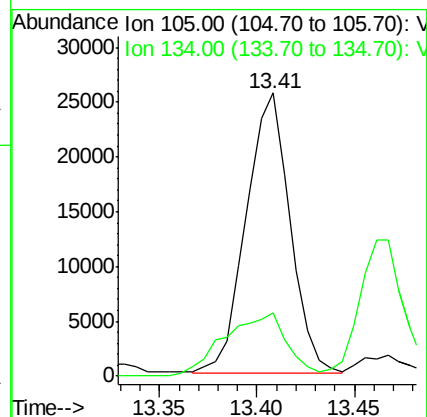
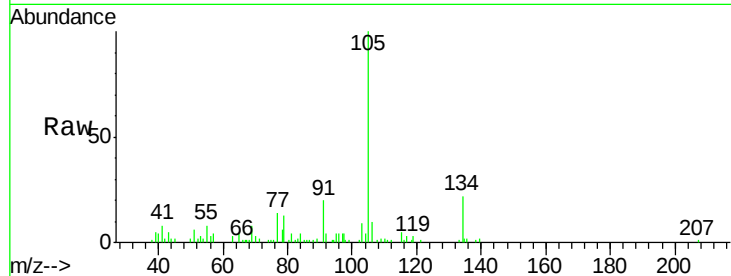
105 100

134 0.0 10.4 31.4#

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#86

p-Isopropyltoluene

Concen: 2.335 ug/l m

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067621.D

Acq: 12 Nov 2020 14:19

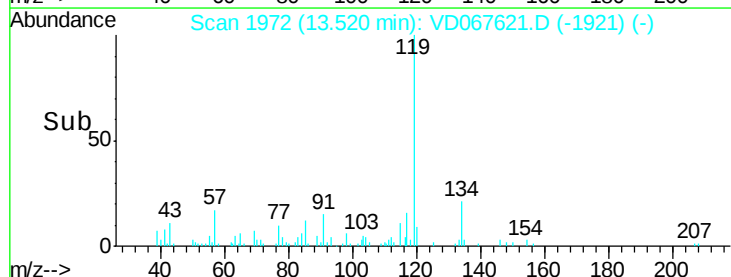
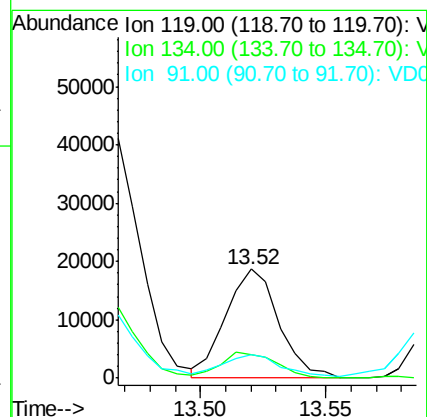
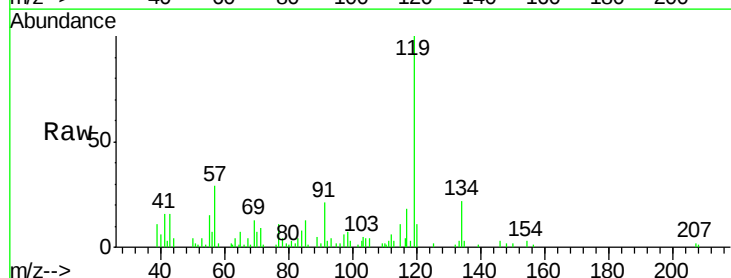
Tgt Ion:119 Resp: 27325

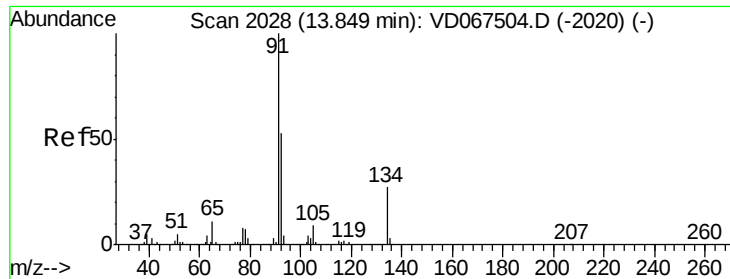
Ion Ratio Lower Upper

119 100

134 72.3 13.1 39.3#

91 57.3 12.2 36.4#





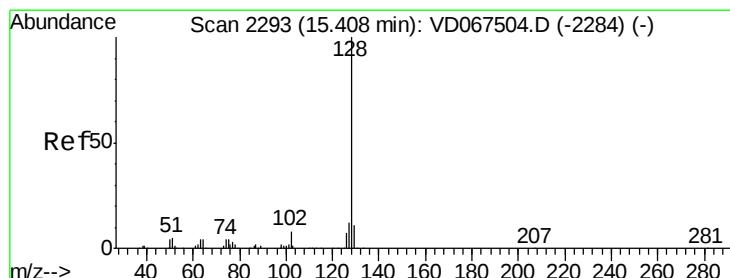
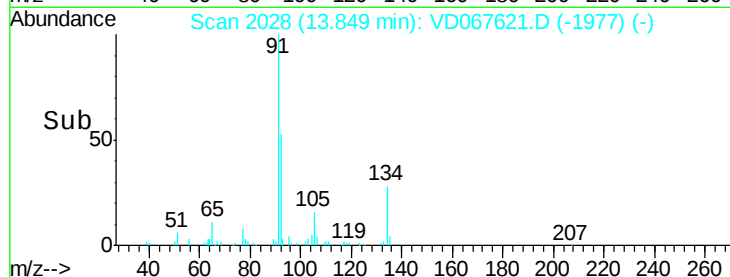
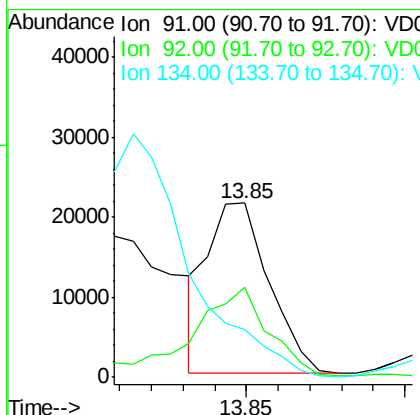
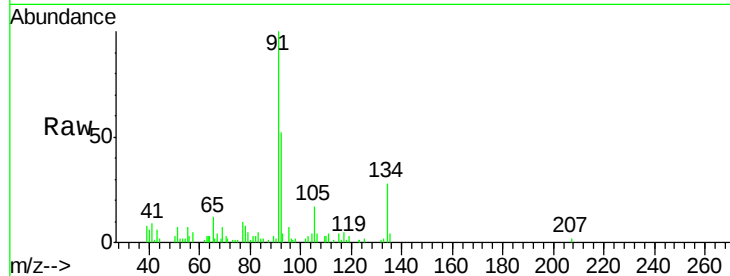
#89
n-Butylbenzene
Concen: 2.804 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
COMP-30706-30707-40854

Tot Ion	Ratio	Lower	Upper
91	100		
92	61.9	26.6	79.8
134	0.0	14.1	42.2

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#95
Naphthalene
Concen: 11.343 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067621.D
Acq: 12 Nov 2020 14:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.4
129	11.6	8.9	13.3

