

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066151.D
 Acq On : 07 Aug 2020 12:12
 Operator : VA/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:12 PM

Quant Time: Aug 08 00:59:35 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	7.98	168	300492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	438093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	405512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	207107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	144372	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.91	113	150448	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
50) Toluene-d8	10.34	98	570286	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.64	95	196953	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57538	21.733	ug/l	94
3) Chloromethane	2.21	50	43477	21.111	ug/l	90
4) Vinyl Chloride	2.35	62	39240	21.522	ug/l	95
5) Bromomethane	2.76	94	26984	22.307	ug/l	98
6) Chloroethane	2.91	64	24647	22.022	ug/l	92
7) Trichlorofluoromethane	3.27	101	91101	19.166	ug/l	99
8) Diethyl Ether	3.71	74	24782	18.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	53343	18.909	ug/l	97
10) Methyl Iodide	4.30	142	52778	24.503	ug/l	99
11) Tert butyl alcohol	5.21	59	22971	90.517	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	52338	19.667	ug/l	90
13) Acrolein	3.91	56	19309	90.487	ug/l	98
14) Allyl chloride	4.71	41	79697	19.768	ug/l	98
15) Acrylonitrile	5.42	53	51144	90.491	ug/l	96
16) Acetone	4.16	43	46900	92.201	ug/l #	86
17) Carbon Disulfide	4.40	76	162851	19.246	ug/l	99
18) Methyl Acetate	4.72	43	23456	18.154	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	110216	18.069	ug/l	100
20) Methylene Chloride	4.96	84	74337	22.921	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	58167	19.027	ug/l	96
22) Diisopropyl ether	6.36	45	159179	19.966	ug/l	94
23) Vinyl Acetate	6.30	43	441058	94.431	ug/l	98
24) 1,1-Dichloroethane	6.26	63	96072	19.472	ug/l	99
25) 2-Butanone	7.21	43	66258	88.561	ug/l	93
26) 2,2-Dichloropropane	7.21	77	87056	19.686	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	61302	19.118	ug/l	97
28) Bromochloromethane	7.54	49	37736	21.776	ug/l	99
29) Tetrahydrofuran	7.56	42	43017	92.802	ug/l	98
30) Chloroform	7.71	83	99627	19.230	ug/l	97
31) Cyclohexane	7.98	56	90497	19.268	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	93156	19.177	ug/l	99
36) 1,1-Dichloropropene	8.11	75	76594	18.606	ug/l	98
37) Ethyl Acetate	7.29	43	30571	18.742	ug/l	97
38) Carbon Tetrachloride	8.10	117	86982	18.947	ug/l	90

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	92481	18.584	ug/l	96
40) Benzene	8.35	78	218698	19.150	ug/l	100
41) Methacrylonitrile	7.52	41	16282	16.977	ug/l	98
42) 1,2-Dichloroethane	8.43	62	63763	19.006	ug/l	99
43) Isopropyl Acetate	8.45	43	58088	18.075	ug/l	97
44) Trichloroethene	9.11	130	65702	19.092	ug/l	97
45) 1,2-Dichloropropane	9.38	63	55071	19.717	ug/l	99
46) Dibromomethane	9.47	93	28524	18.540	ug/l	96
47) Bromodichloromethane	9.66	83	77223	18.991	ug/l	93
48) Methyl methacrylate	9.46	41	29546	18.005	ug/l	99
49) 1,4-Dioxane	9.46	88	6492	328.446	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	146926	89.004	ug/l	100
52) Toluene	10.40	92	151286	20.132	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	72258	18.725	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	87473	19.347	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	41408	18.691	ug/l	97
56) Ethyl methacrylate	10.66	69	48892	18.372	ug/l	98
57) 1,3-Dichloropropane	10.94	76	69147	18.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	124043	103.621	ug/l	100
59) 2-Hexanone	10.98	43	103847	89.636	ug/l	97
60) Dibromochloromethane	11.14	129	56978	18.630	ug/l	100
61) 1,2-Dibromoethane	11.25	107	39270	18.432	ug/l	100
64) Tetrachloroethene	10.87	164	57654	18.515	ug/l	97
65) Chlorobenzene	11.67	112	156759	19.043	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	59591	18.501	ug/l	98
67) Ethyl Benzene	11.74	91	274985	19.276	ug/l	96
68) m/p-Xylenes	11.86	106	216386	39.151	ug/l	99
69) o-Xylene	12.18	106	96967	19.286	ug/l	96
70) Styrene	12.20	104	170825	19.387	ug/l	100
71) Bromoform	12.36	173	33001	17.293	ug/l #	99
73) Isopropylbenzene	12.48	105	266892	19.305	ug/l	99
74) N-amyl acetate	12.29	43	55190	18.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	42747	18.133	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	31080m	17.995	ug/l	
77) Bromobenzene	12.77	156	68274	19.184	ug/l	98
78) n-propylbenzene	12.83	91	315675	19.643	ug/l	100
79) 2-Chlorotoluene	12.91	91	182611	19.868	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	228625	19.774	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13557	17.352	ug/l	92
82) 4-Chlorotoluene	13.01	91	192462	19.836	ug/l	100
83) tert-Butylbenzene	13.23	119	192865	18.968	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	222270	19.210	ug/l	98
85) sec-Butylbenzene	13.41	105	271617	19.786	ug/l	100
86) p-Isopropyltoluene	13.52	119	256190	19.897	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	130134	19.456	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	125879	18.871	ug/l	98
89) n-Butylbenzene	13.85	91	230340	19.967	ug/l	100
90) Hexachloroethane	14.12	117	48576	18.916	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	111411	18.834	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7305	18.030	ug/l	95

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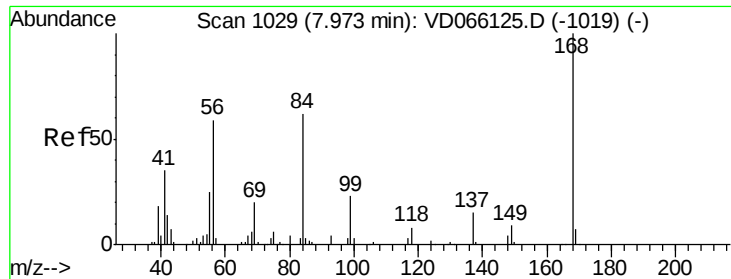
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82564	18.940	ug/l	97
94) Hexachlorobutadiene	15.27	225	49680	19.354	ug/l	96
95) Naphthalene	15.41	128	123397	17.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	68783	17.874	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion:168 Resp: 300492

Ion Ratio Lower Upper

168 100

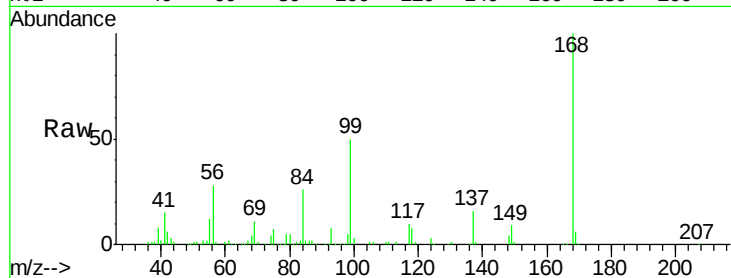
99 50.2 42.2 63.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

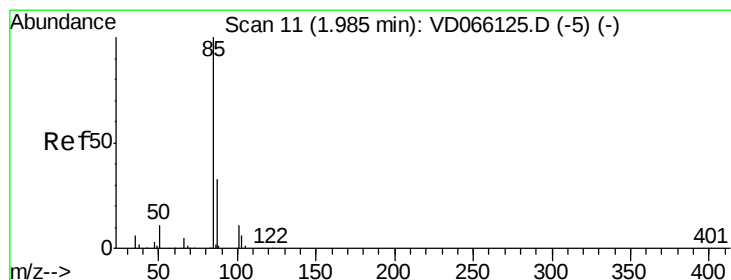
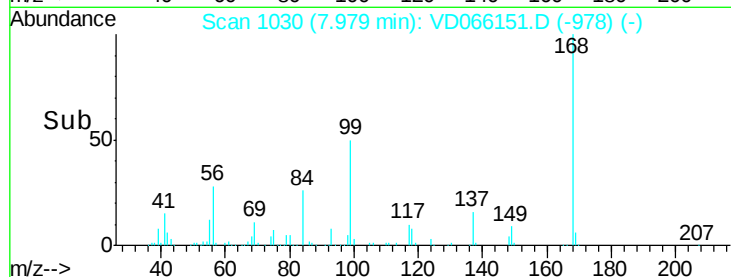
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.733 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066151.D

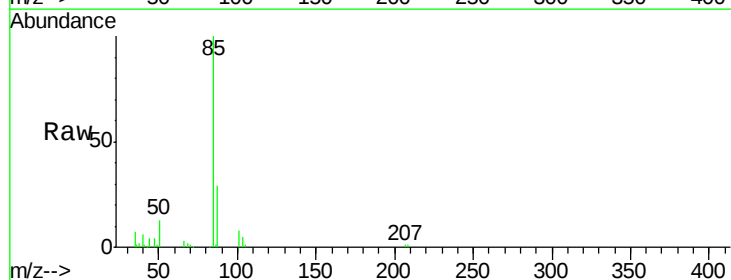
Acq: 07 Aug 2020 12:12

Tgt Ion: 85 Resp: 57538

Ion Ratio Lower Upper

85 100

87 29.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

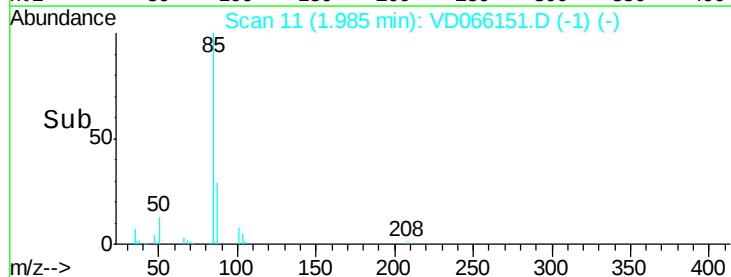
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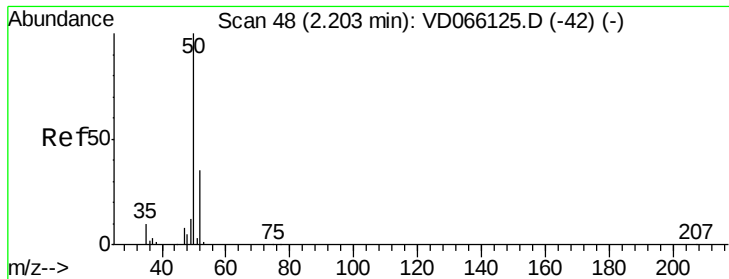
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.111 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 50 Resp: 43477

Ion Ratio Lower Upper

50 100

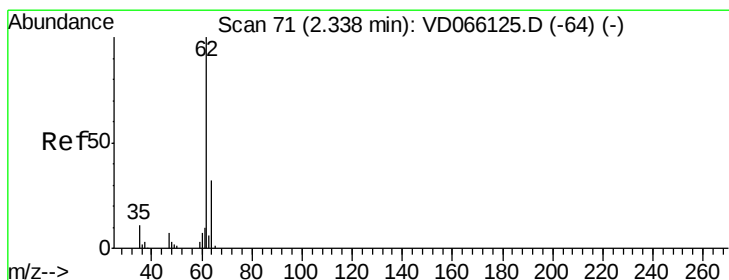
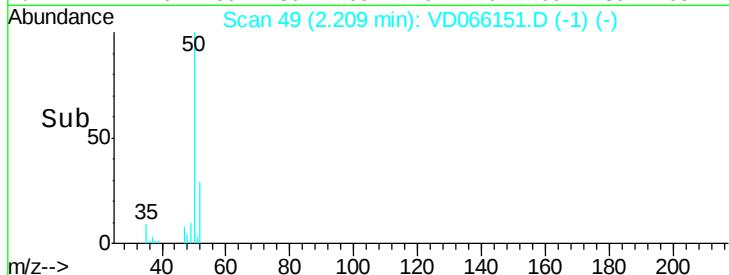
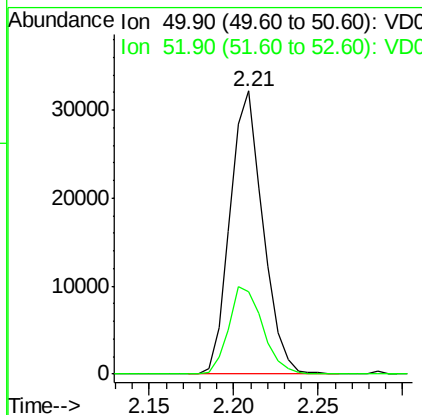
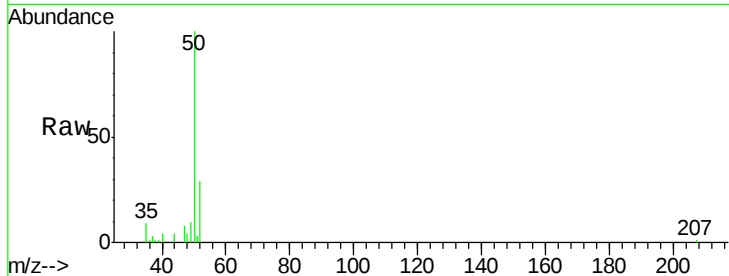
52 29.0 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.522 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066151.D

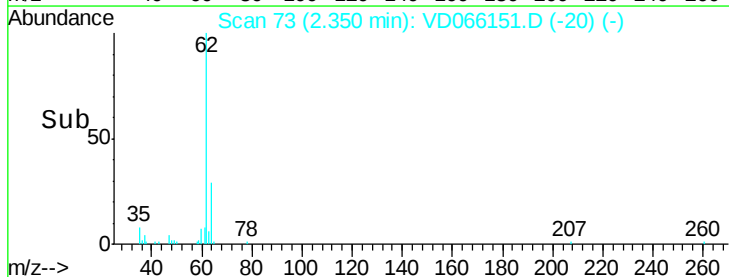
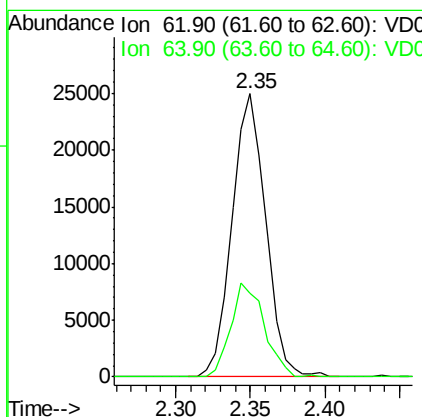
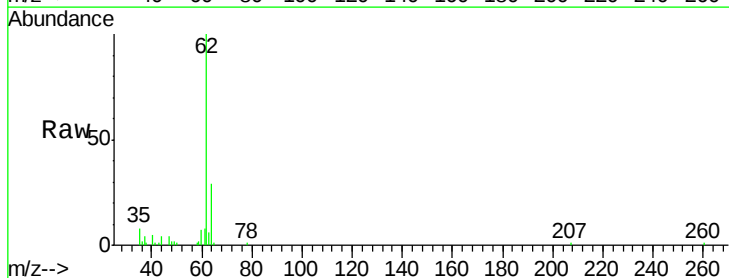
Acq: 07 Aug 2020 12:12

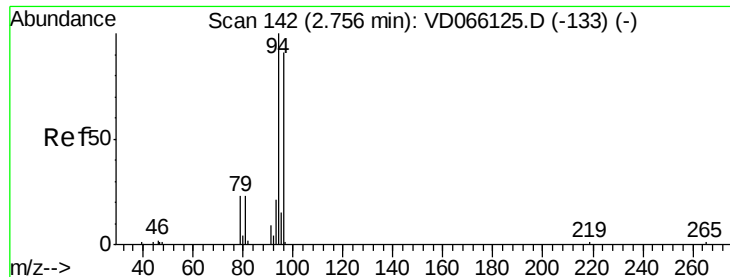
Tgt Ion: 62 Resp: 39240

Ion Ratio Lower Upper

62 100

64 29.4 25.8 38.8





#5

Bromomethane

Concen: 22.307 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBSD01

Tot Ion: 94 Resp: 26984

Ion Ratio Lower Upper

94 100

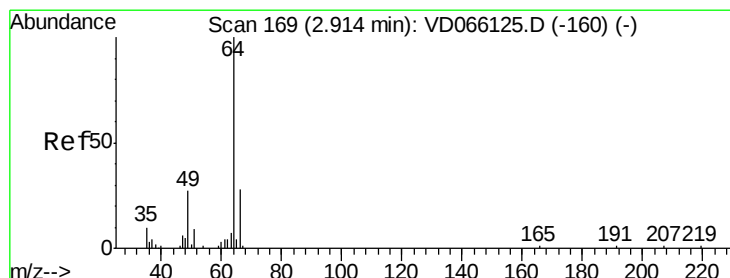
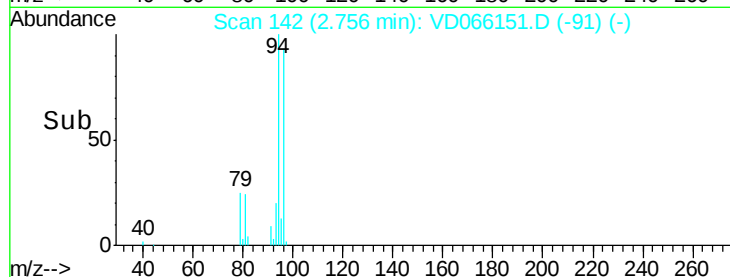
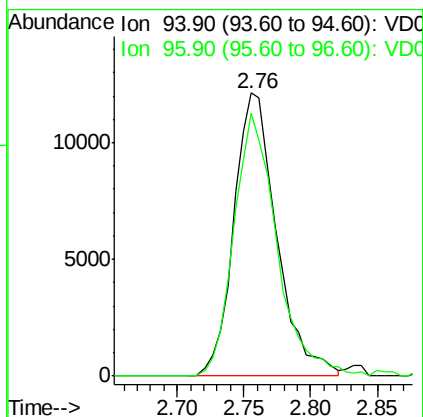
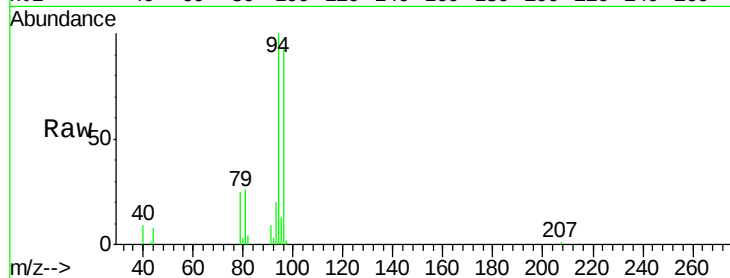
96 92.9 72.6 109.0

Manual Integrations

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#6

Chloroethane

Concen: 22.022 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066151.D

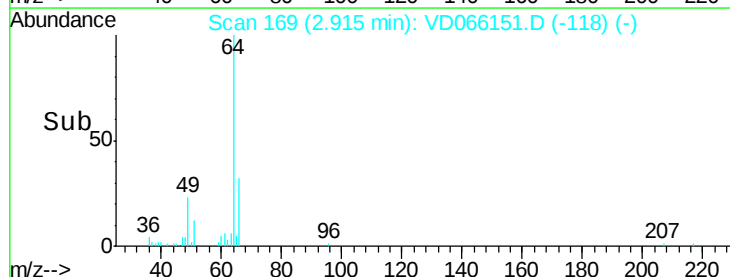
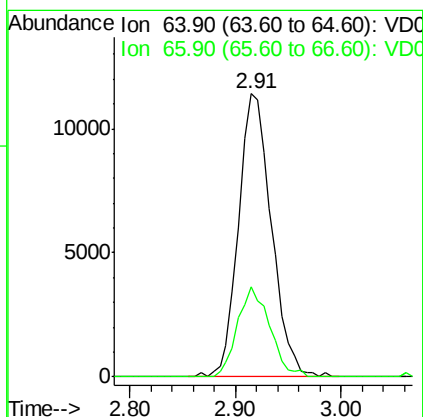
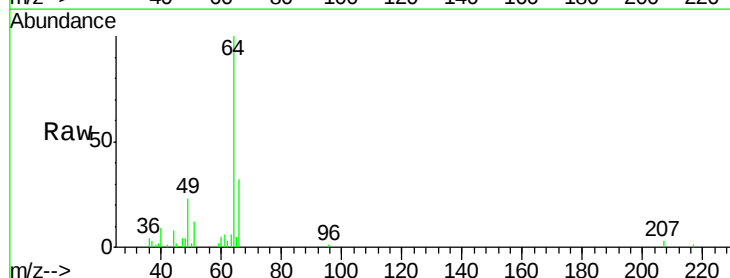
Acq: 07 Aug 2020 12:12

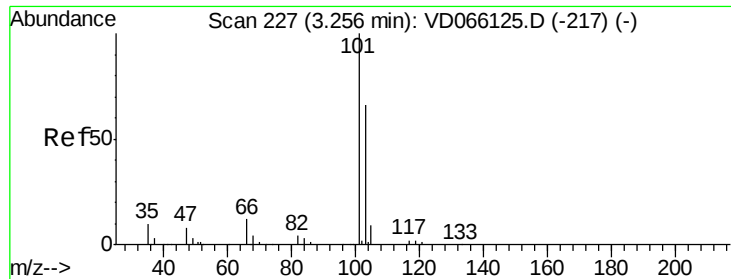
Tgt Ion: 64 Resp: 24647

Ion Ratio Lower Upper

64 100

66 31.6 22.0 33.0





#7

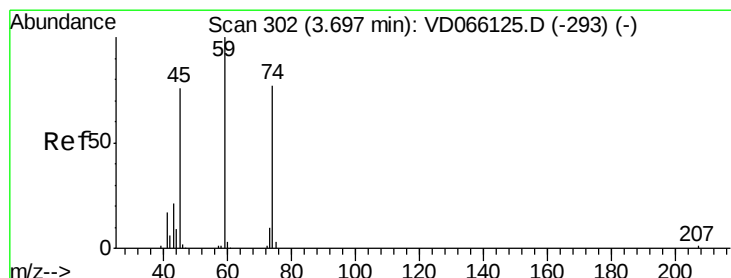
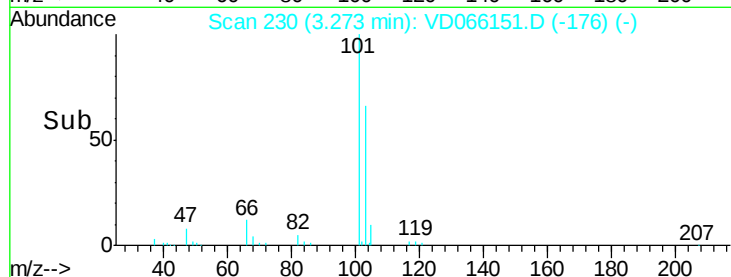
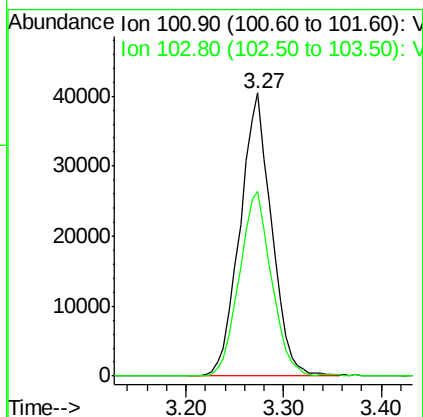
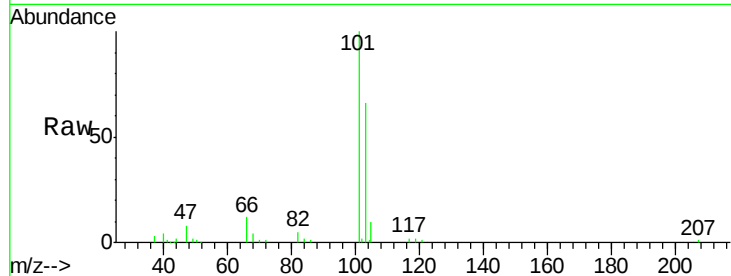
Trichlorofluoromethane
Concen: 19.166 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.02 min
Lab File: VD066151.D
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ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	53.0	79.6

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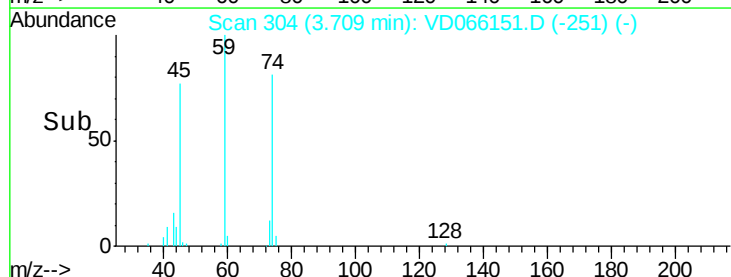
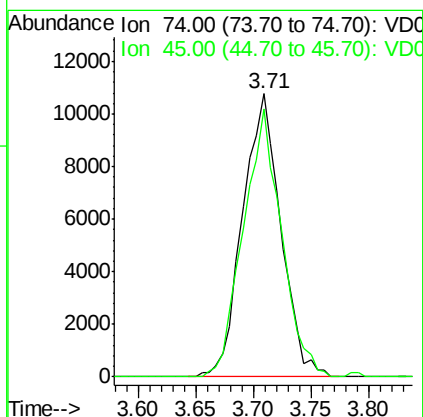
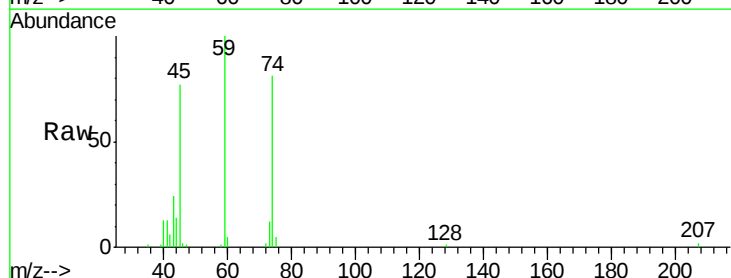
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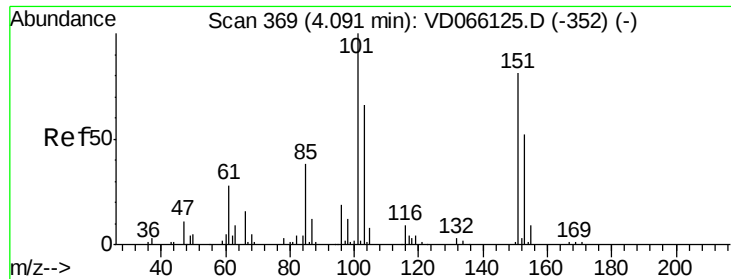


#8

Diethyl Ether
Concen: 18.477 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.909 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

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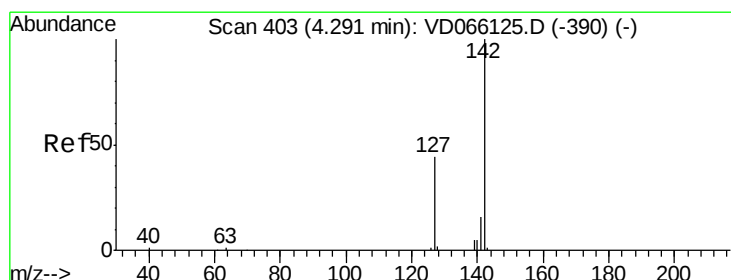
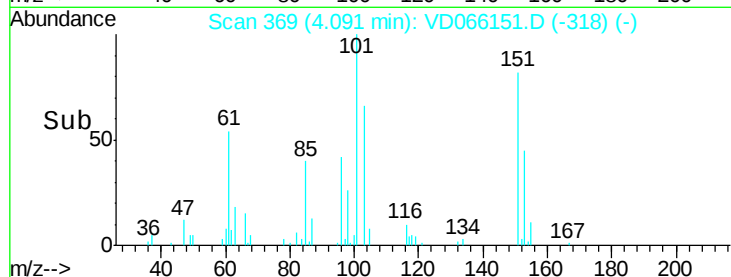
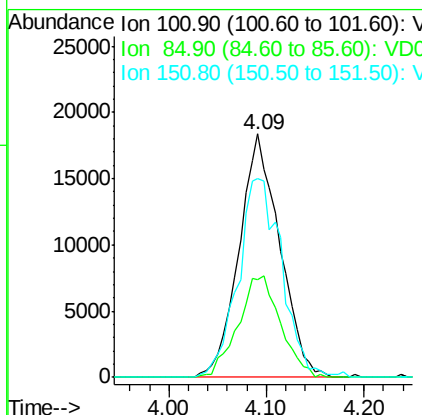
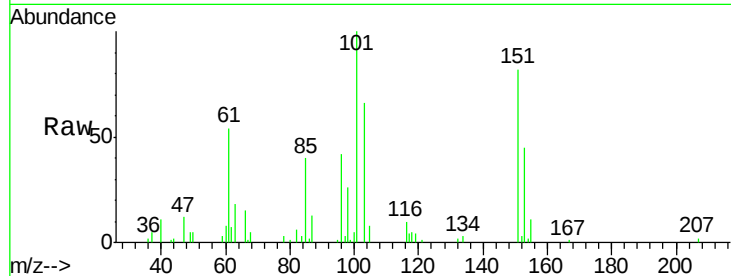
ClientSampleId :

VD0807SBS01

Tot Ion:	101	Resp:	53343
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.5	50.3
151	88.0	67.8	101.8

Manual Integrations
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#10

Methyl Iodide

Concen: 24.503 ug/l

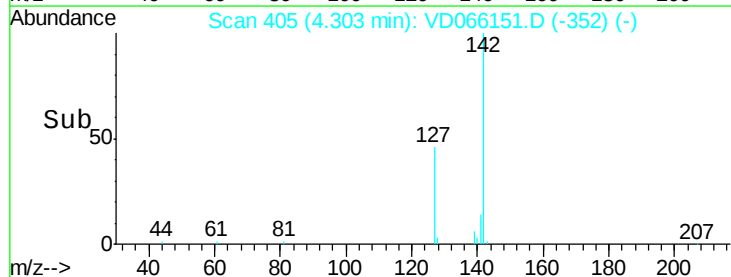
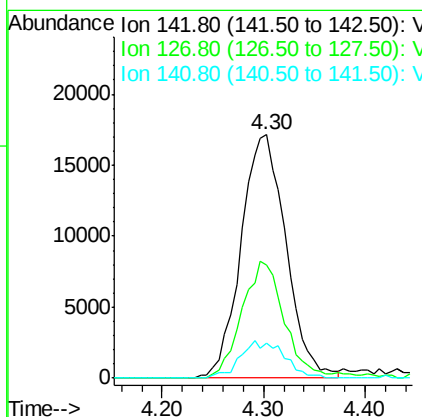
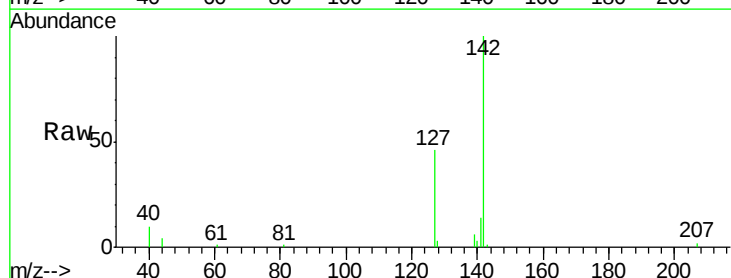
RT: 4.30 min Scan# 405

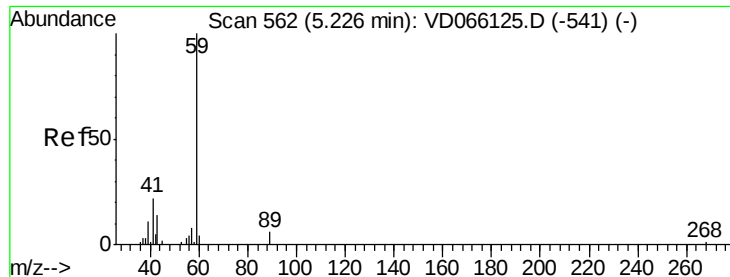
Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	142	Resp:	52778
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.2	54.4
141	15.0	12.6	18.8





#11

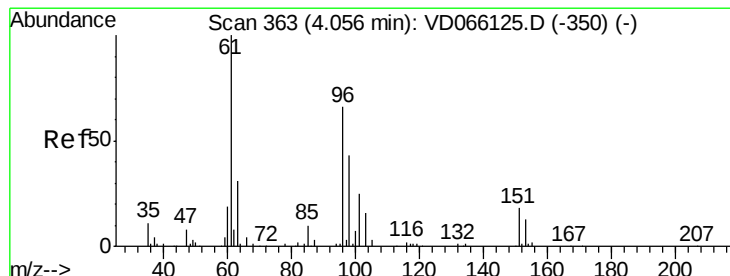
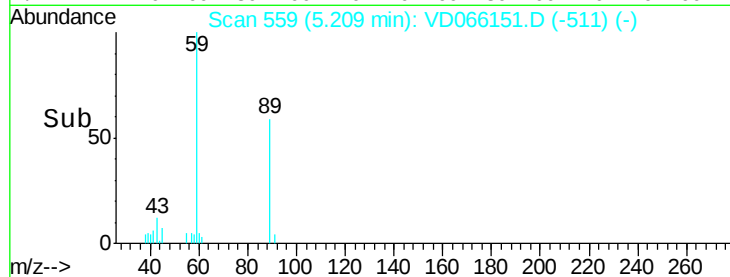
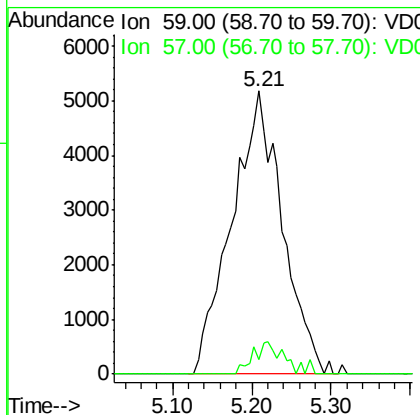
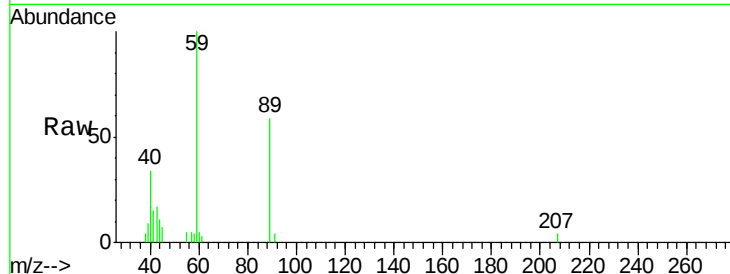
Tert butyl alcohol
 Concen: 90.517 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.3	7.0	10.4#

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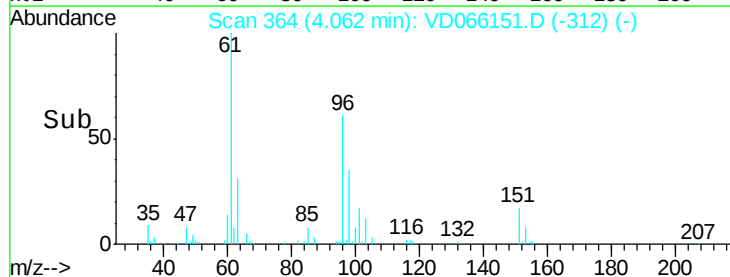
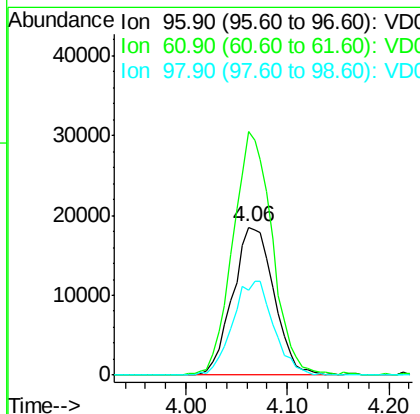
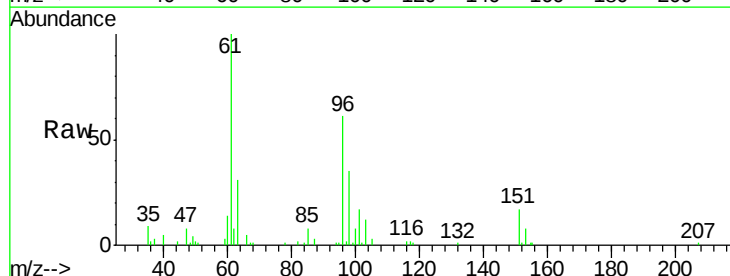
MMDadoda
 8/10/2020 12:24:12 PM

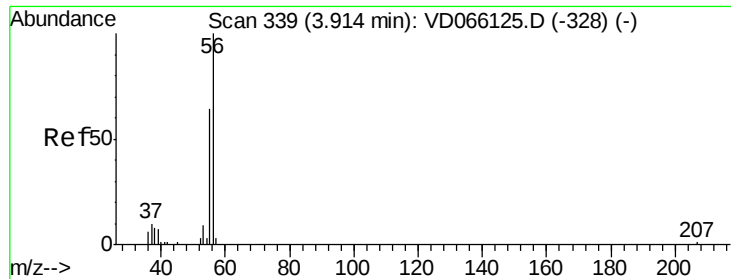


#12

1,1-Dichloroethene
 Concen: 19.667 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.5	121.6	182.4
98	57.3	52.0	78.0





#13

Acrolein

Concen: 90.487 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 56 Resp: 19309

Ion Ratio Lower Upper

56 100

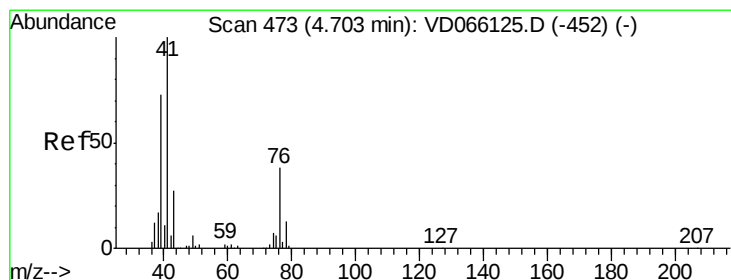
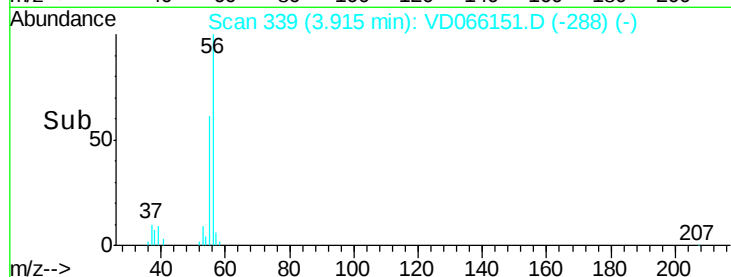
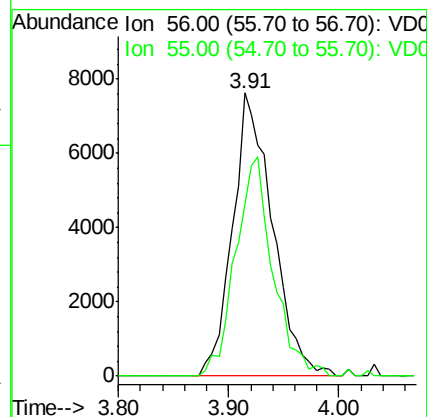
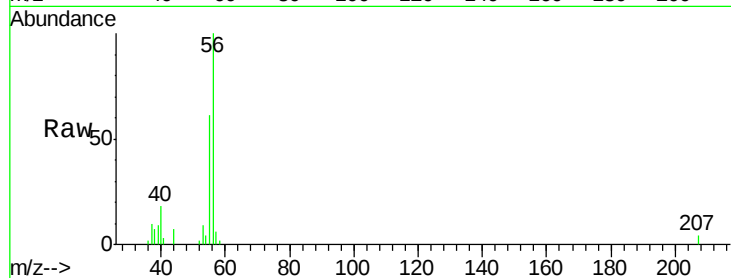
55 72.9 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.768 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

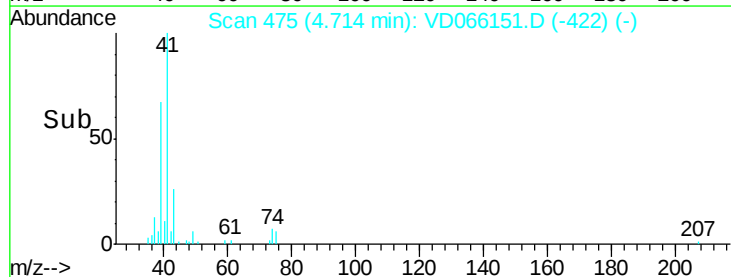
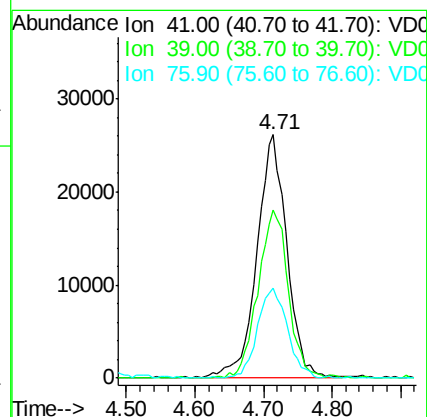
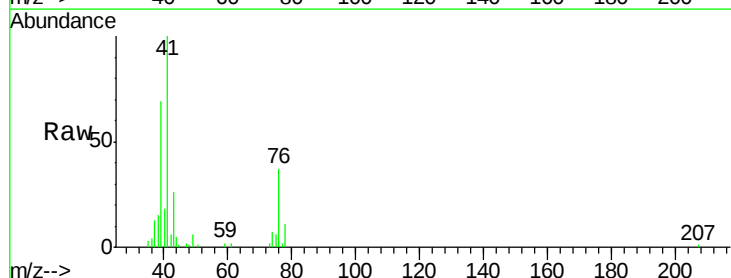
Tgt Ion: 41 Resp: 79697

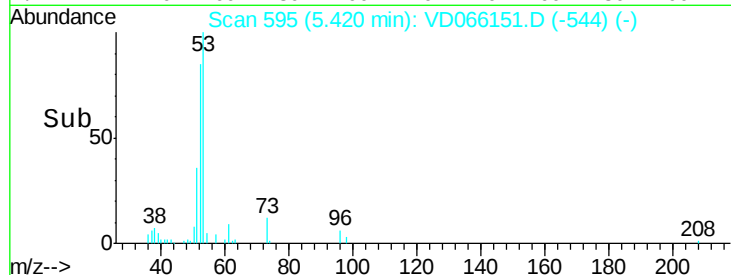
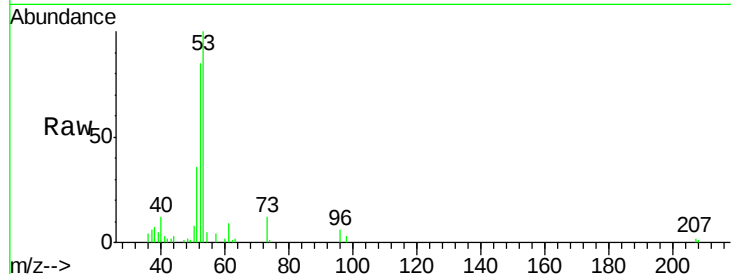
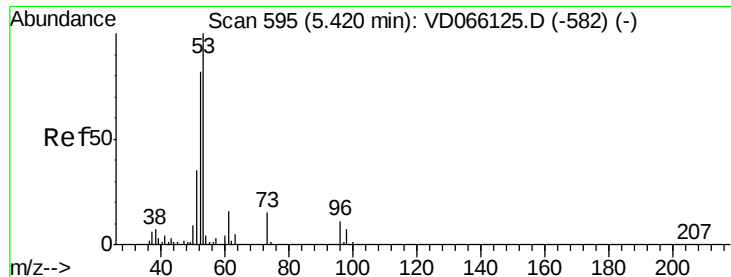
Ion Ratio Lower Upper

41 100

39 69.4 57.4 86.0

76 36.9 30.1 45.1





#15

Acrylonitrile

Concen: 90.491 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066151.D

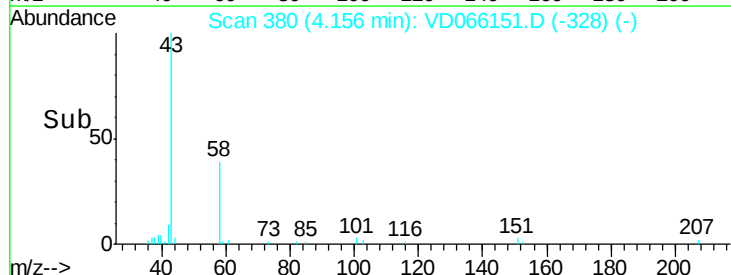
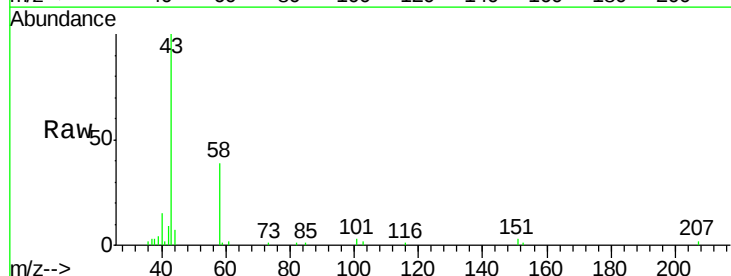
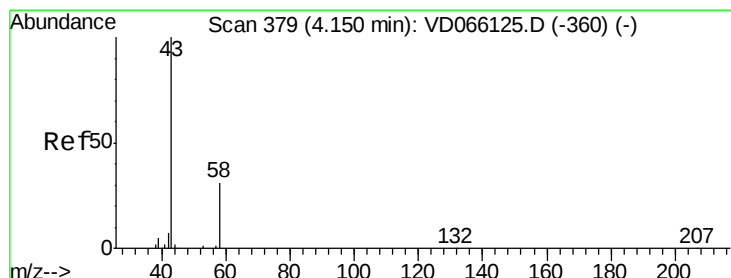
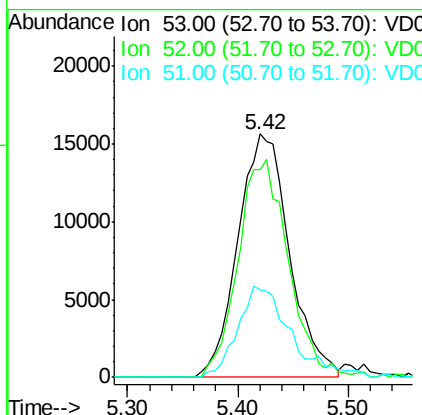
Acq: 07 Aug 2020 12:12

Tot Ion:	53	Resp:	51144
Ion Ratio	Lower	Upper	
53	100		
52	87.4	66.1	99.1
51	38.6	30.8	46.2

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

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#16

Acetone

Concen: 92.201 ug/l

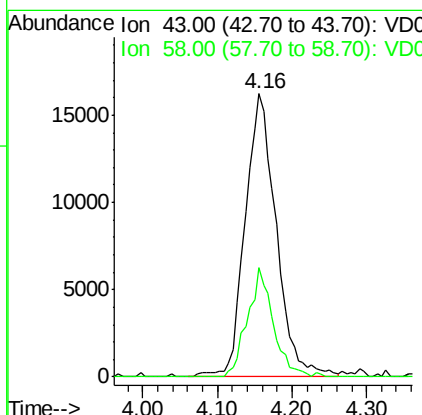
RT: 4.16 min Scan# 380

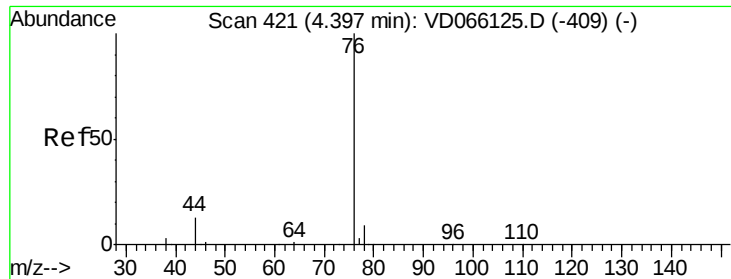
Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	43	Resp:	46900
Ion Ratio	Lower	Upper	
43	100		
58	38.8	24.7	37.1#





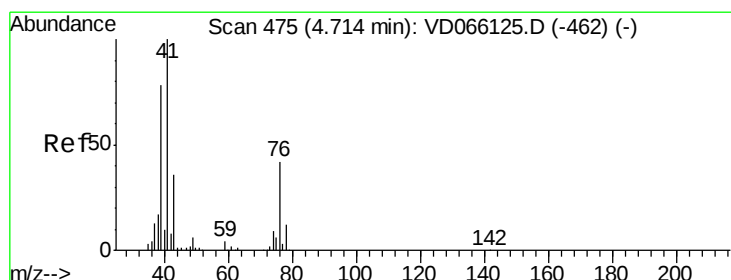
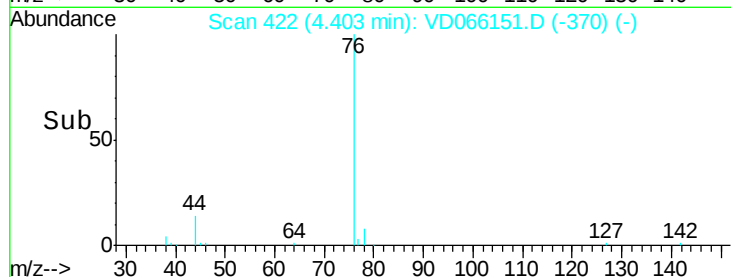
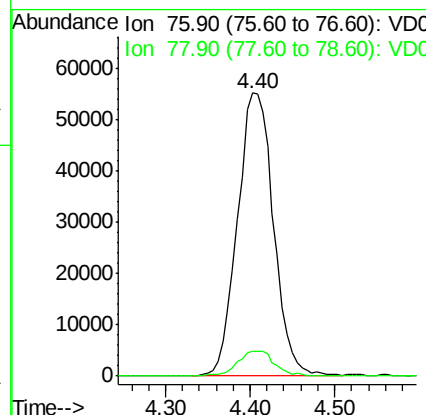
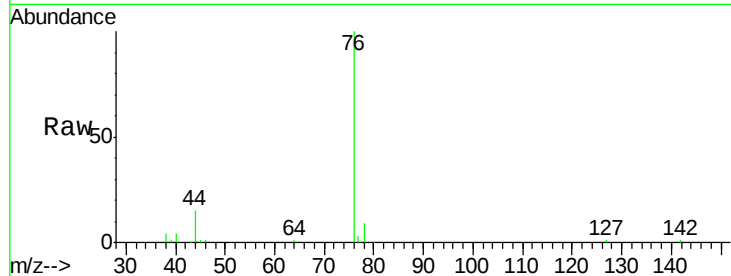
#17
Carbon Disulfide
Concen: 19.246 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

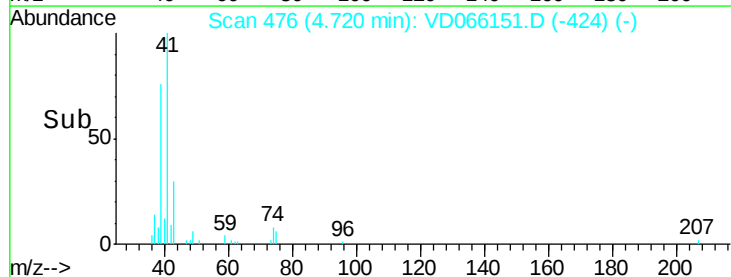
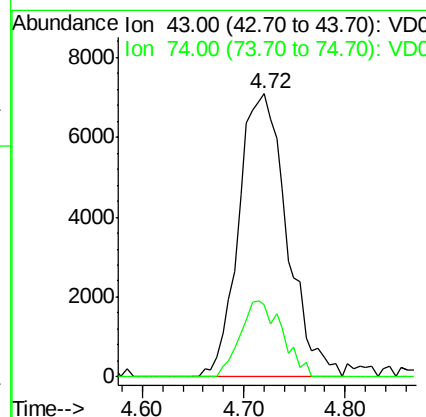
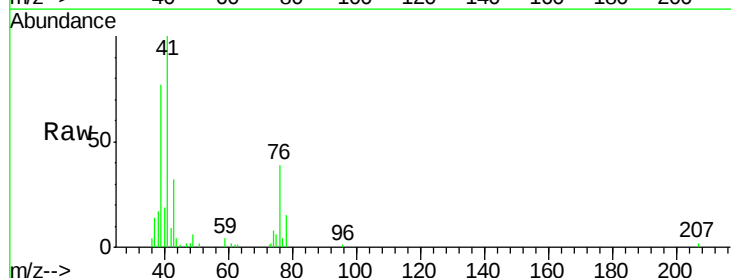
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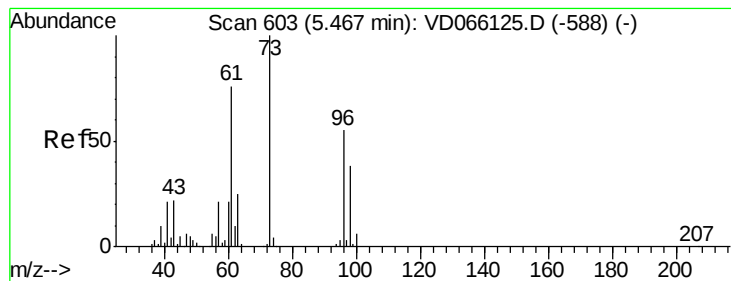
MMDadoda
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#18
Methyl Acetate
Concen: 18.154 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	21.2	31.8





#19

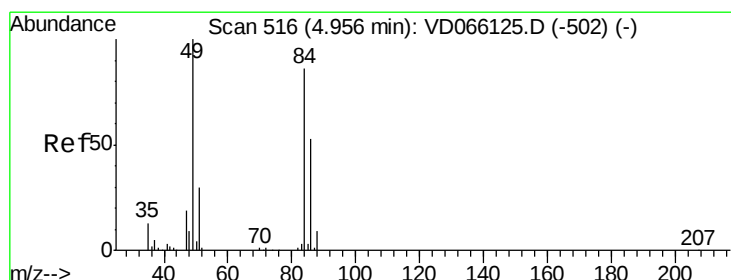
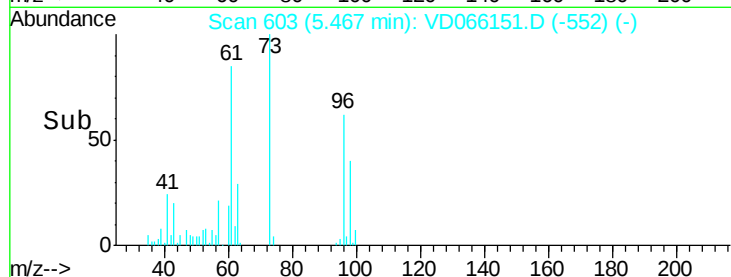
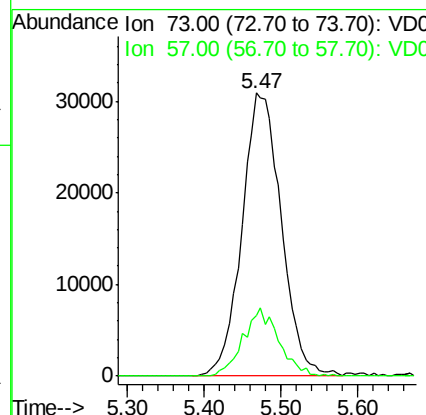
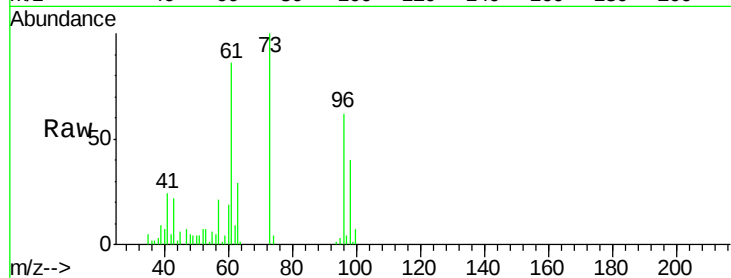
Methyl tert-butyl Ether
 Concen: 18.069 ug/l
 RT: 5.47 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.1	25.7

Manual Integrations
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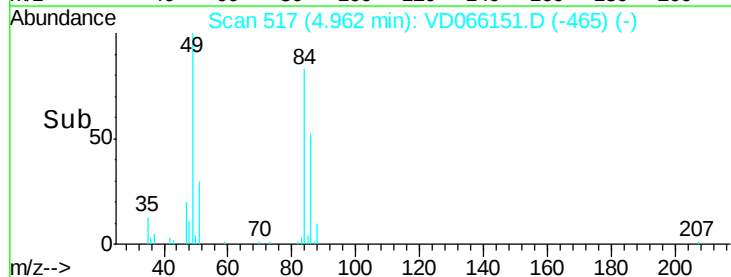
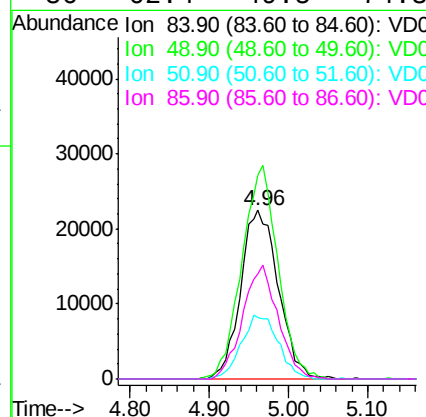
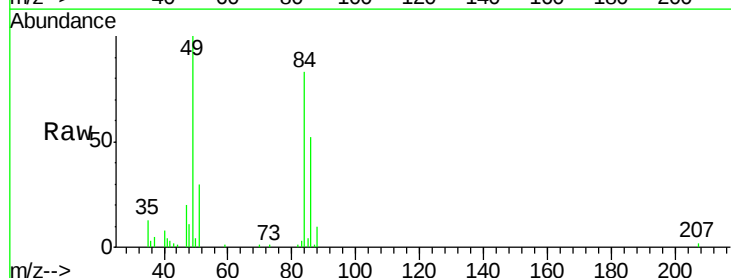
MMDadoda
 8/10/2020 12:24:12 PM

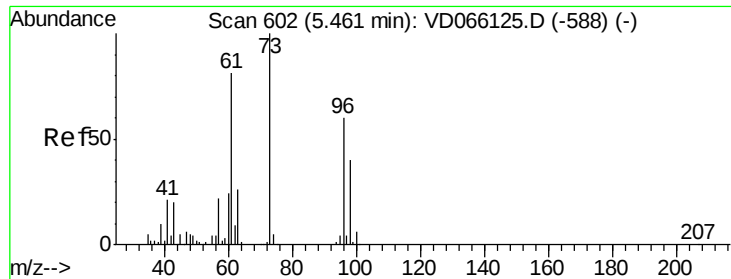


#20

Methylene Chloride
 Concen: 22.921 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	93.5	140.3
51	36.8	28.2	42.4
86	62.4	49.5	74.3





#21

trans-1,2-Dichloroethene

Concen: 19.027 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

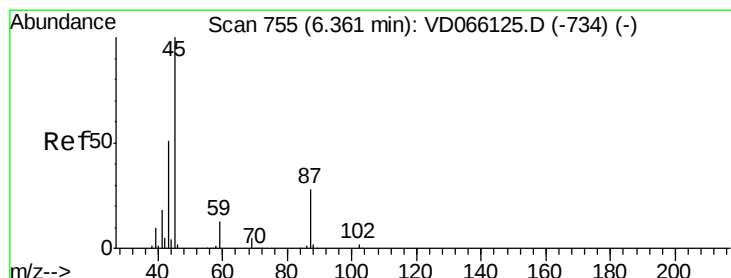
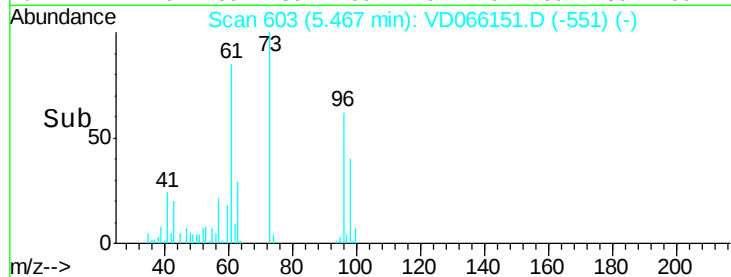
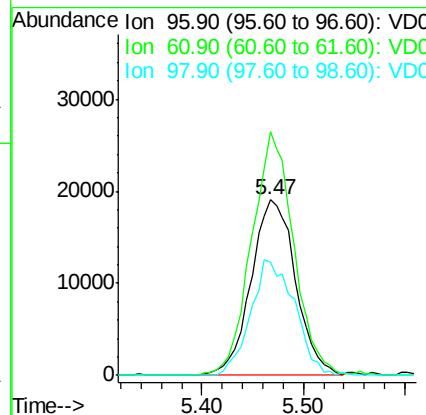
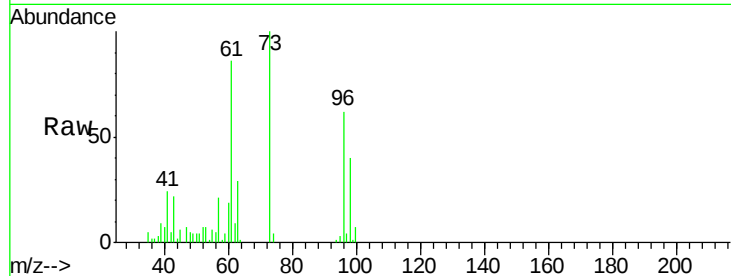
ClientSampleId :

VD0807SBS01

Tot Ion:	96	Resp:	58167
Ion	Ratio	Lower	Upper
96	100		
61	138.8	106.9	160.3
98	64.7	53.4	80.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.966 ug/l

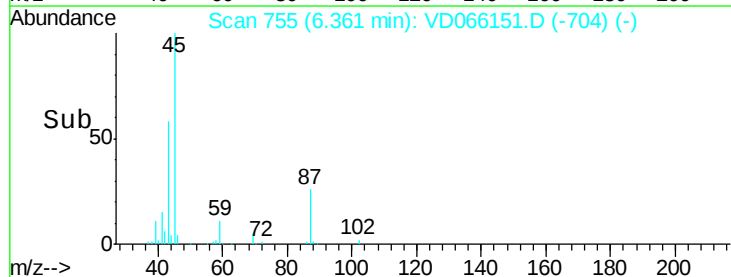
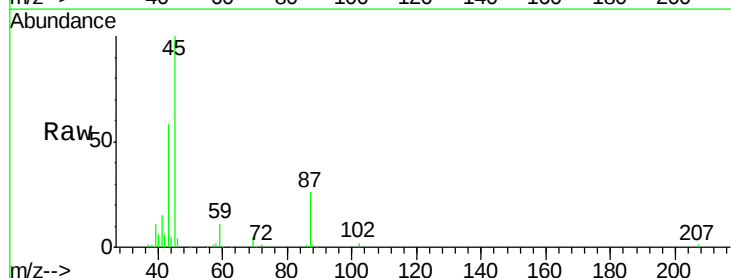
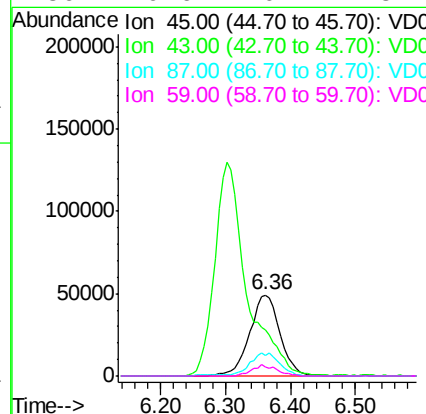
RT: 6.36 min Scan# 755

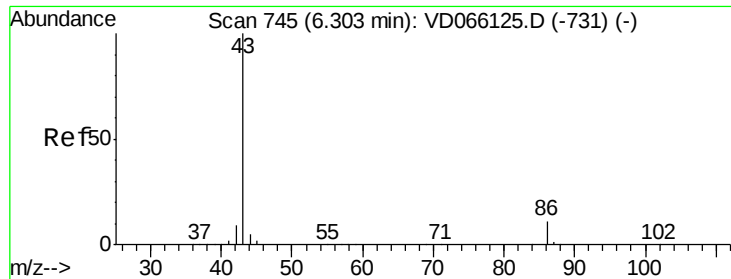
Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	45	Resp:	159179
Ion	Ratio	Lower	Upper
45	100		
43	56.5	41.2	61.8
87	25.5	22.8	34.2
59	10.6	10.2	15.2





#23

Vinyl Acetate

Concen: 94.431 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 43 Resp: 441058

Ion Ratio Lower Upper

43 100

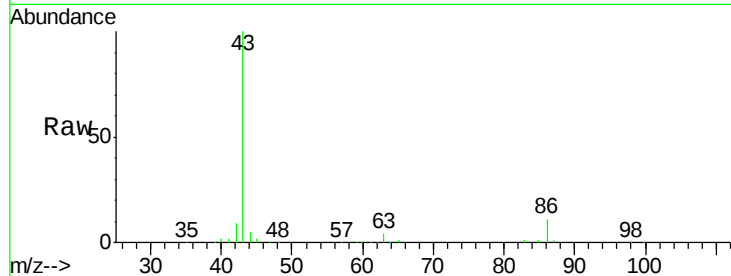
86 10.5 9.1 13.7

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

150000

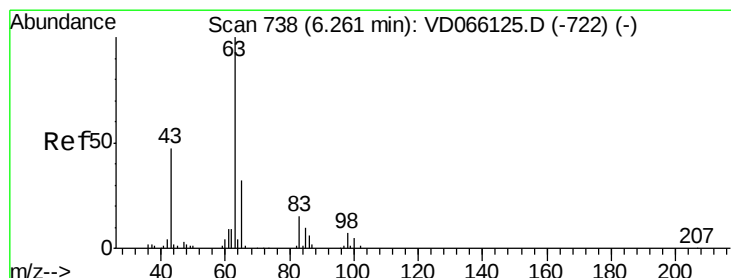
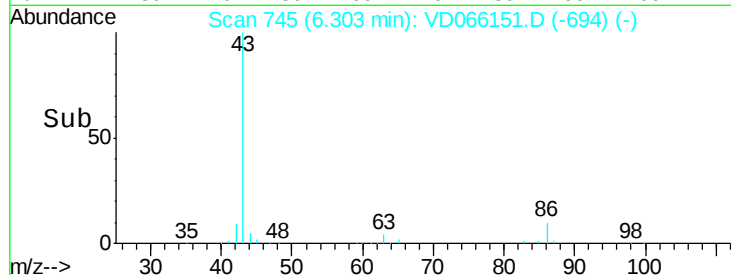
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 19.472 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

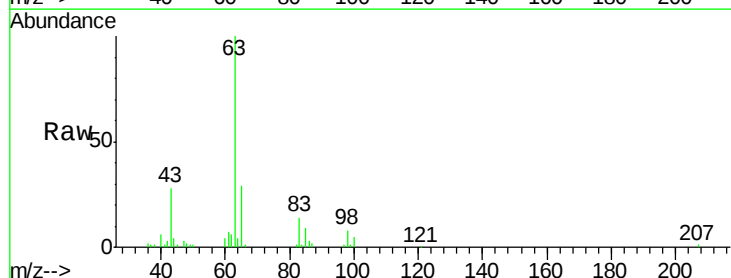
Tgt Ion: 63 Resp: 96072

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 5.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

40000

30000

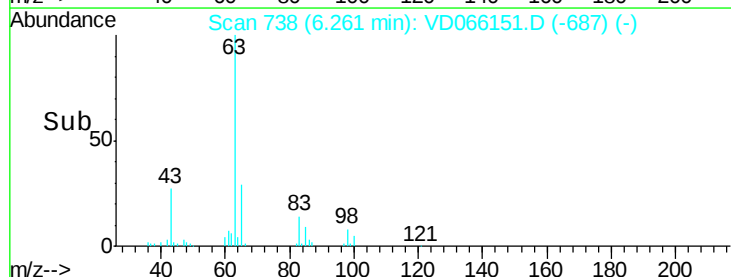
20000

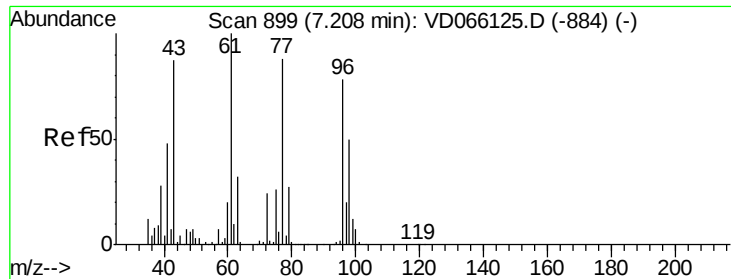
10000

0

6.20 6.30 6.40

Time-->





#25

2-Butanone

Concen: 88.561 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 43 Resp: 66258

Ion Ratio Lower Upper

43 100

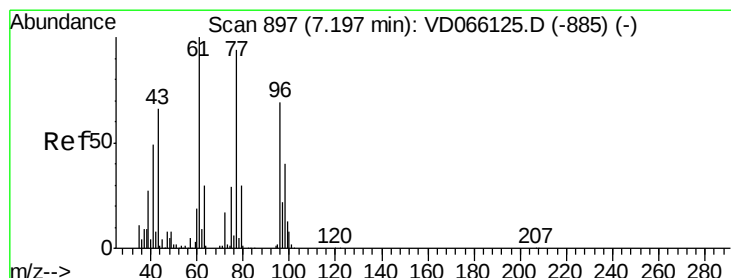
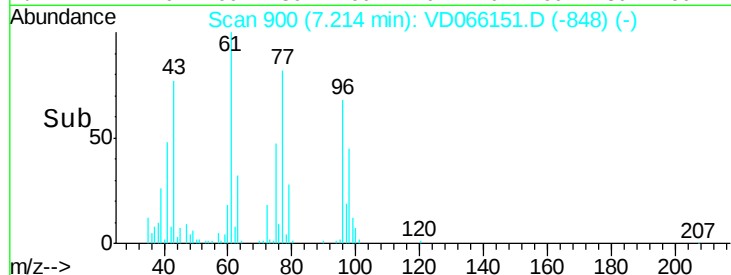
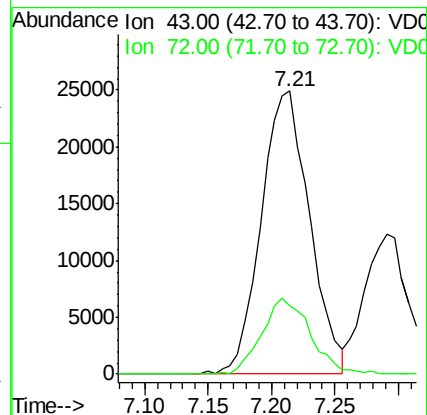
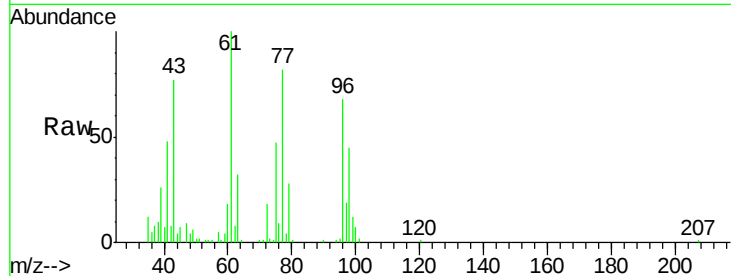
72 24.0 22.2 33.2

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:12 PM



#26

2,2-Dichloropropane

Concen: 19.686 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066151.D

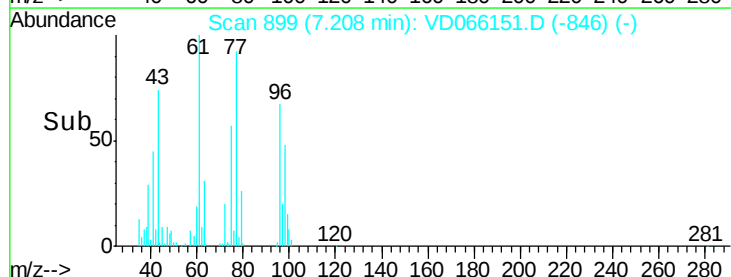
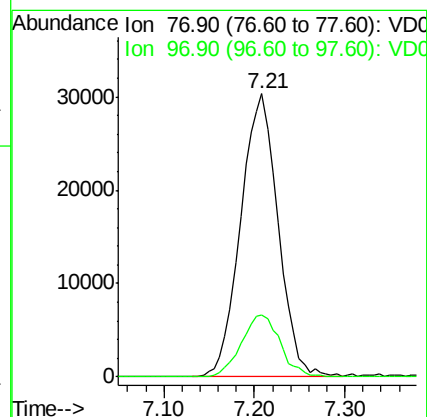
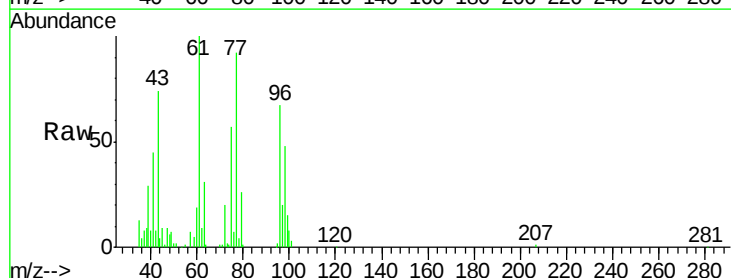
Acq: 07 Aug 2020 12:12

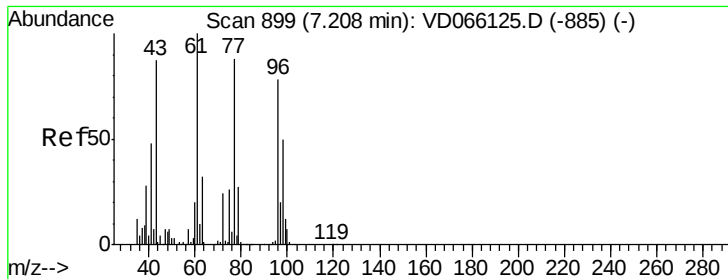
Tgt Ion: 77 Resp: 87056

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.3





#27

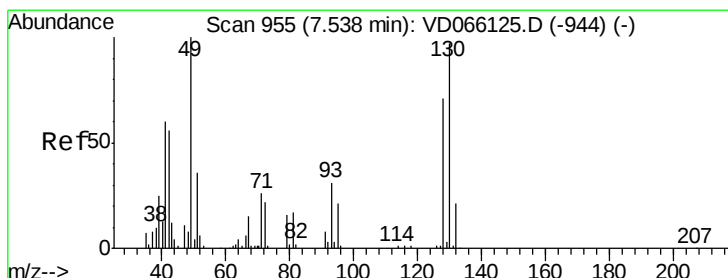
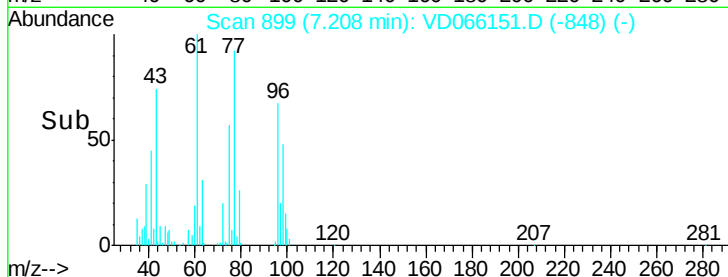
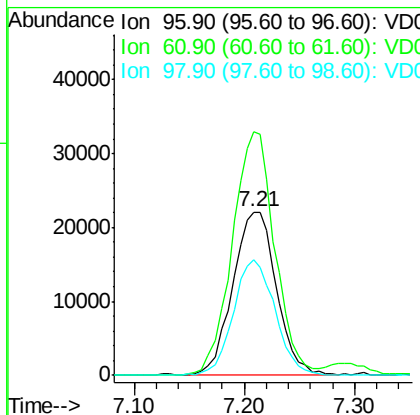
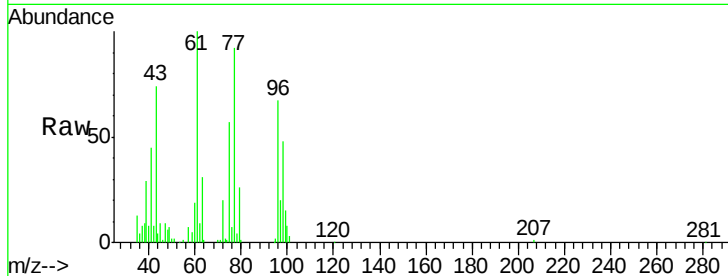
cis-1,2-Dichloroethene
Concen: 19.118 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	281.6
98	67.3	0.0	130.8

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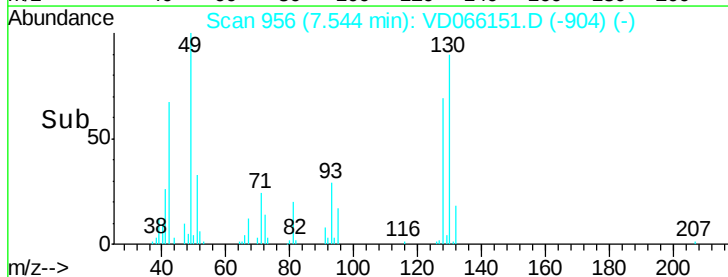
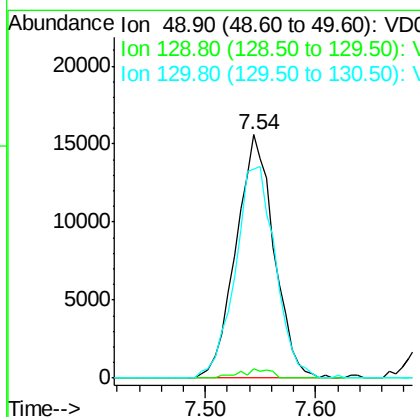
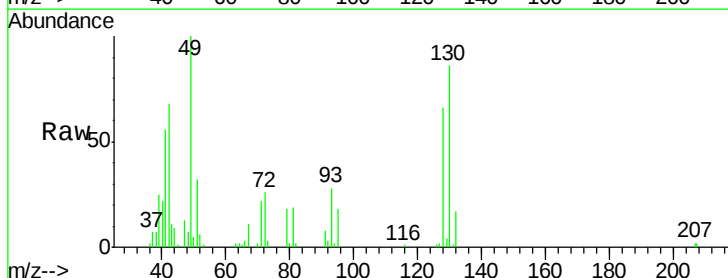
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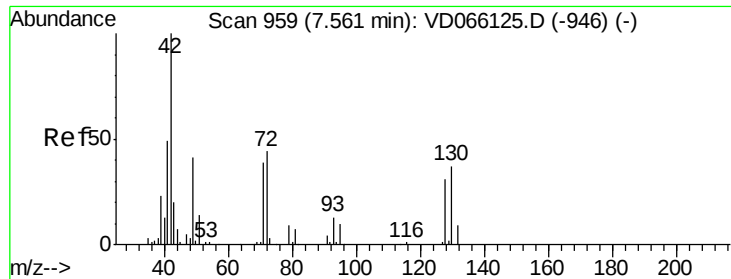


#28

Bromochloromethane
Concen: 21.776 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	6.0
130	91.6	73.8	110.6





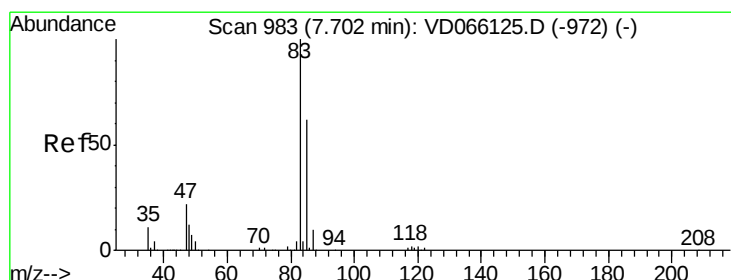
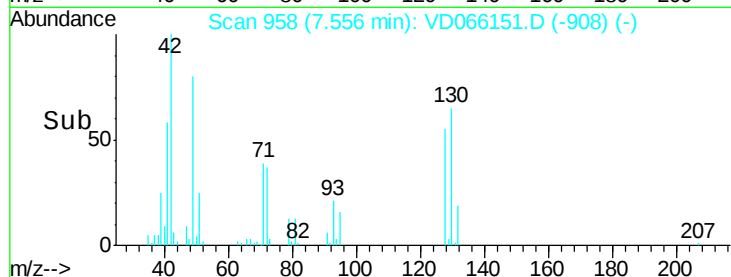
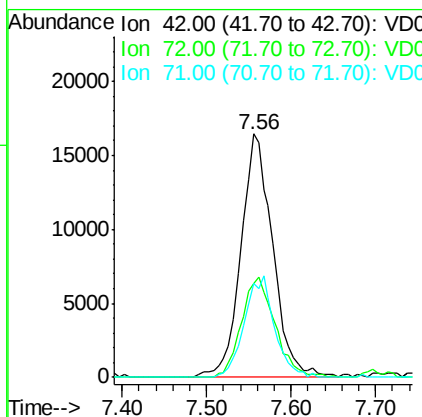
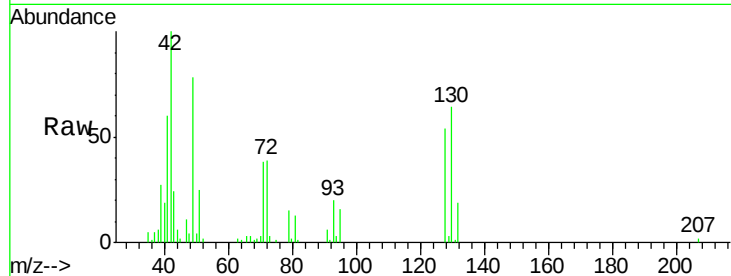
#29
Tetrahydrofuran
Concen: 92.802 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.8	52.2
71	39.4	33.5	50.3

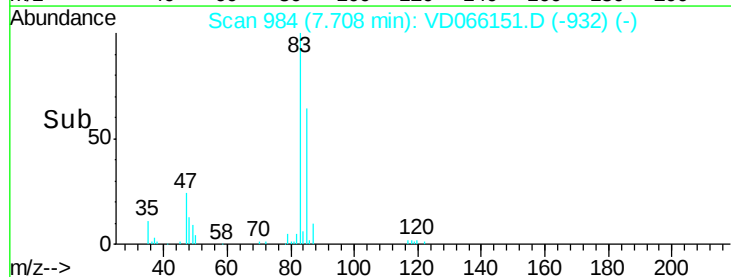
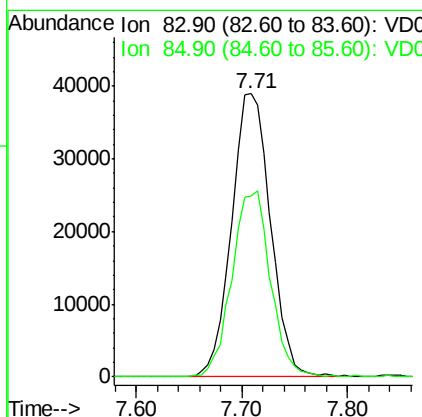
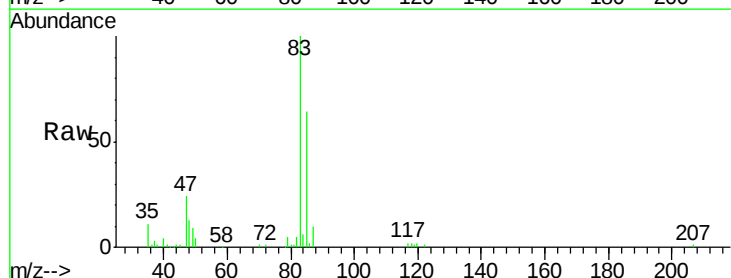
Manual Integrations
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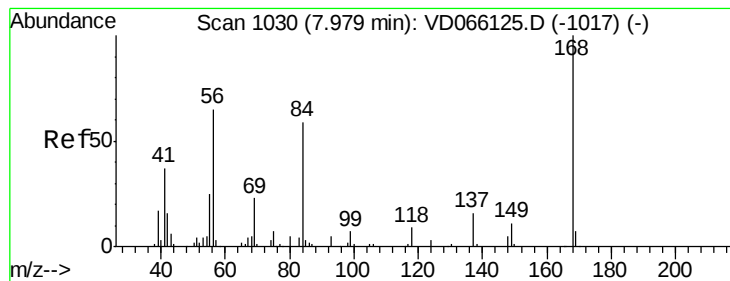
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#30
Chloroform
Concen: 19.230 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.5	74.3





#31

Cyclohexane

Concen: 19.268 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

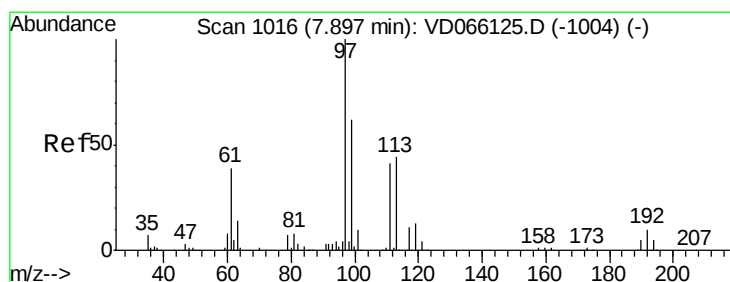
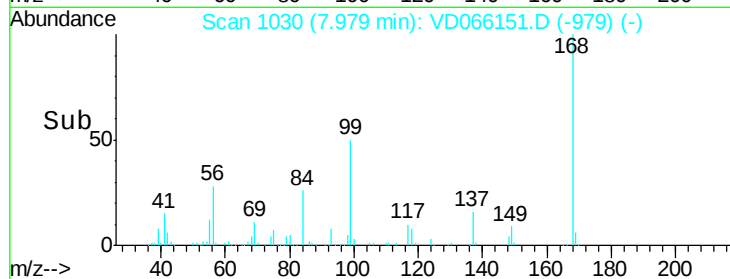
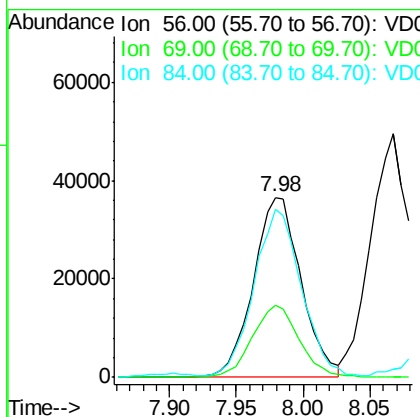
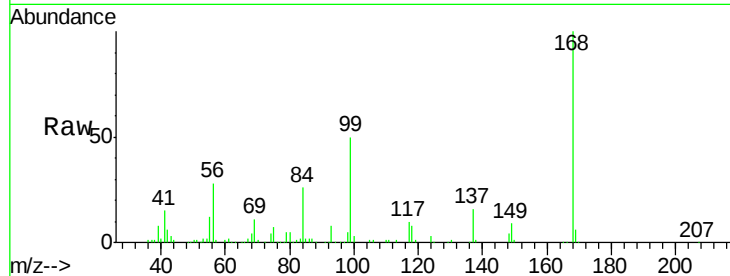
ClientSampleId :

VD0807SBS01

Tot Ion:	56	Resp:	90497
Ion Ratio	Lower	Upper	
56	100		
69	39.8	28.8	43.2
84	91.7	73.0	109.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.177 ug/l

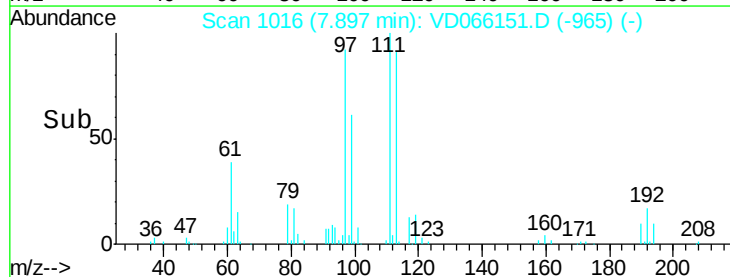
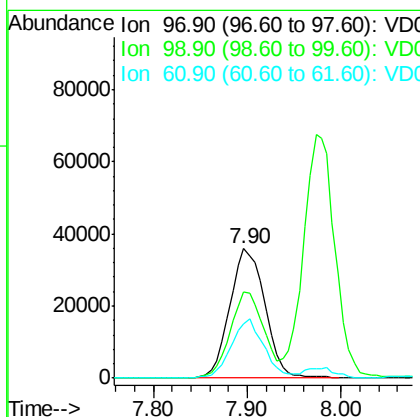
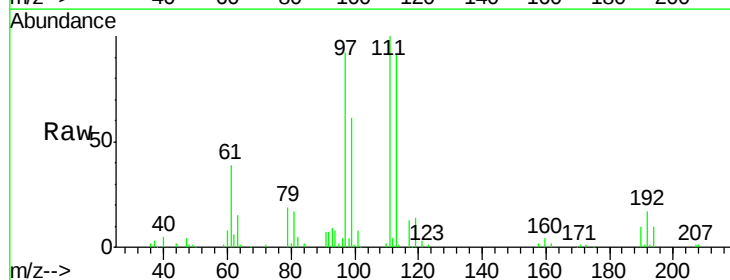
RT: 7.90 min Scan# 1016

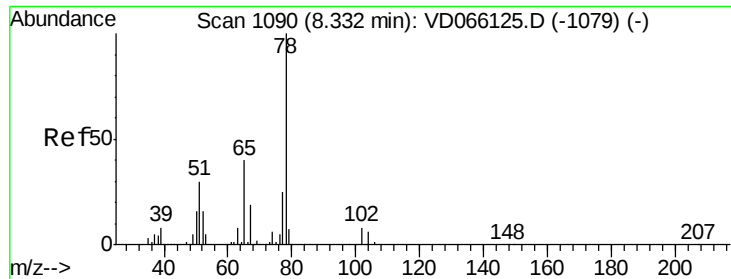
Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	97	Resp:	93156
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.1	76.7
61	42.3	32.7	49.1





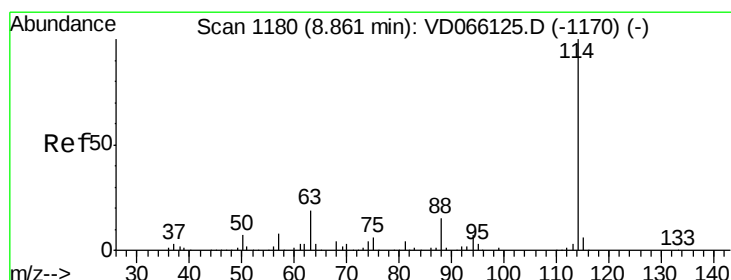
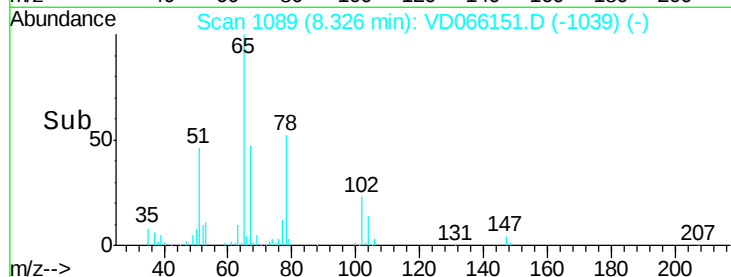
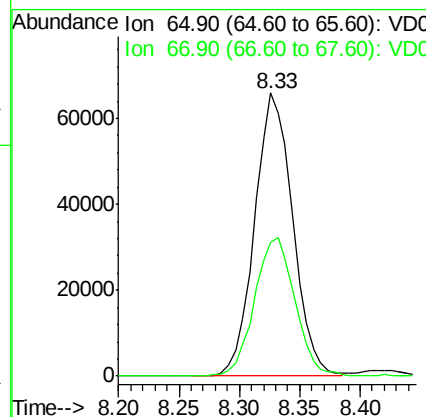
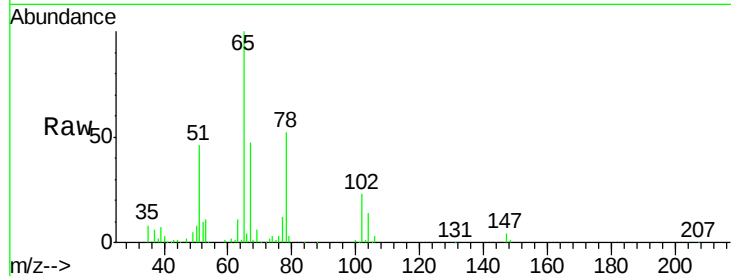
#33
 1,2-Dichloroethane-d4
 Concen: 53.853 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	144372		
67	51.8	0.0	104.6	

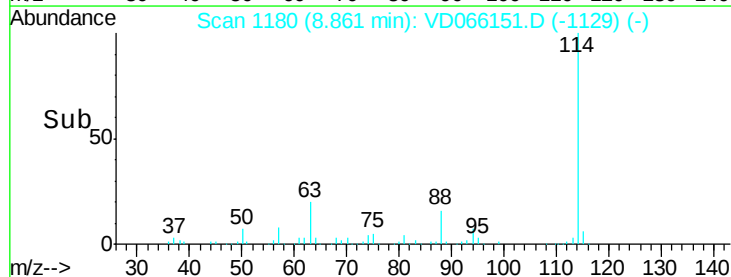
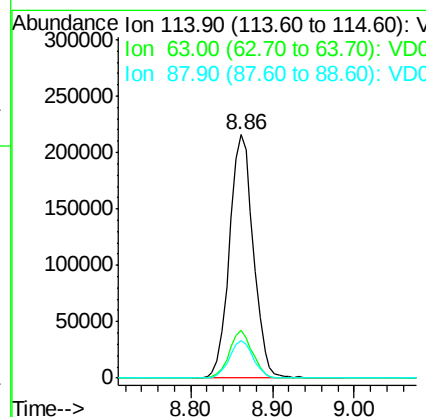
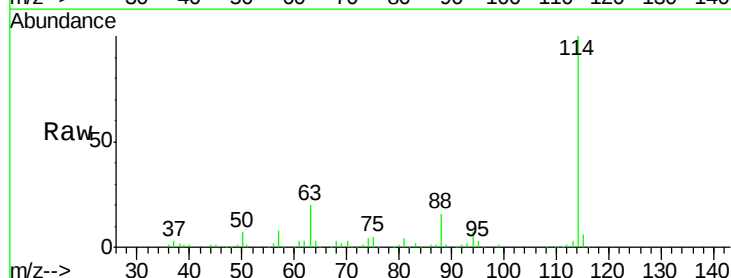
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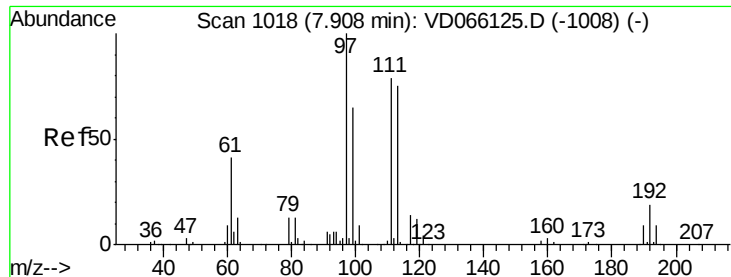
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	438093		
63	19.6	0.0	38.6	
88	15.7	0.0	30.0	





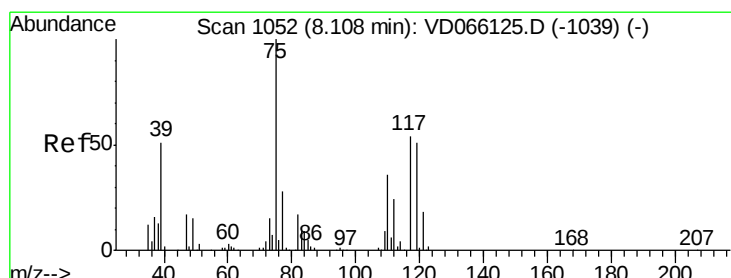
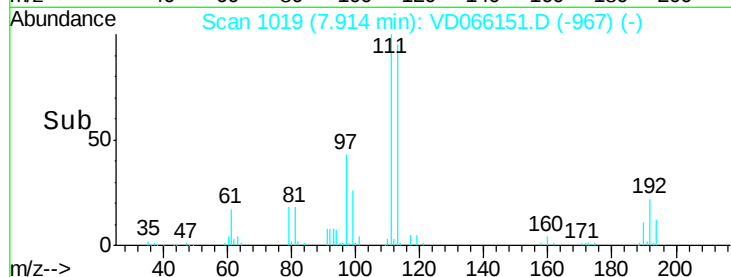
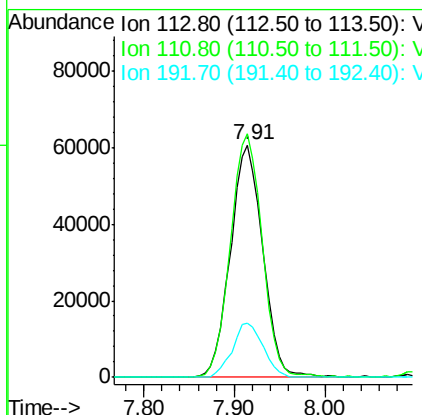
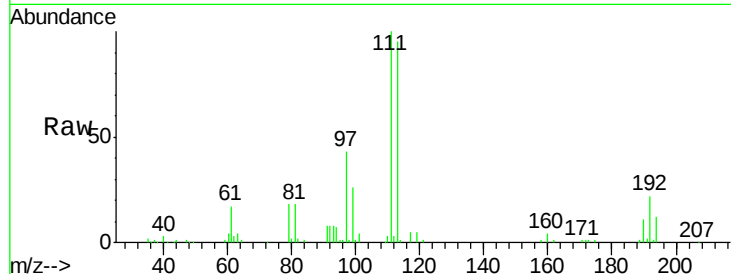
#35
 Dibromofluoromethane
 Concen: 54.210 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150448		
111	103.2	80.7	121.1	
192	22.3	18.4	27.6	

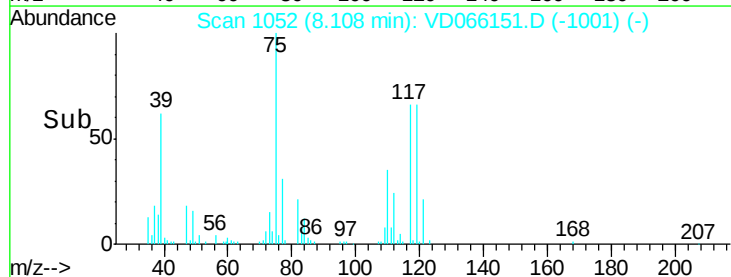
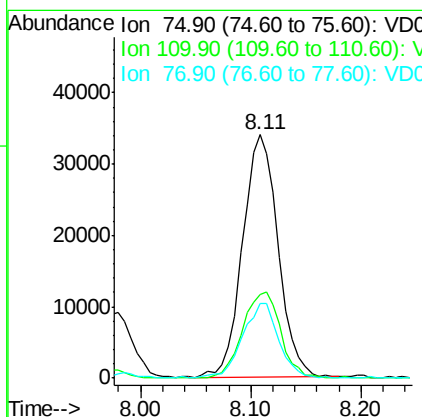
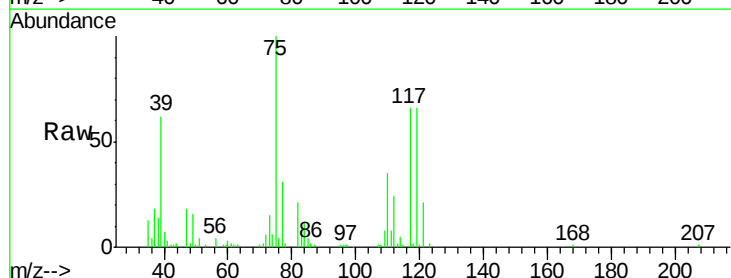
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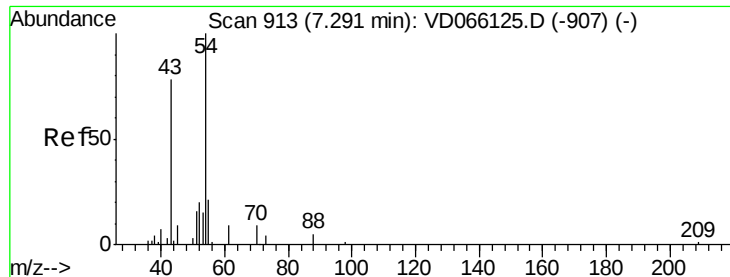
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#36
 1,1-Dichloropropene
 Concen: 18.606 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76594		
110	38.1	18.8	56.3	
77	31.5	24.2	36.2	





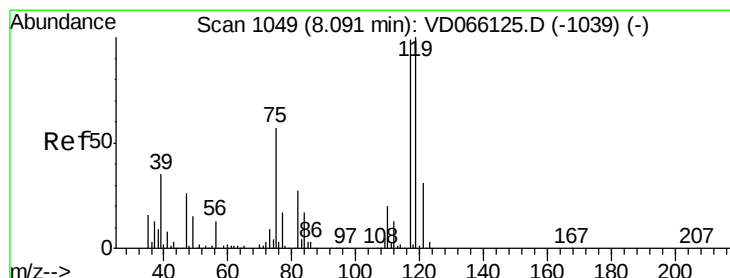
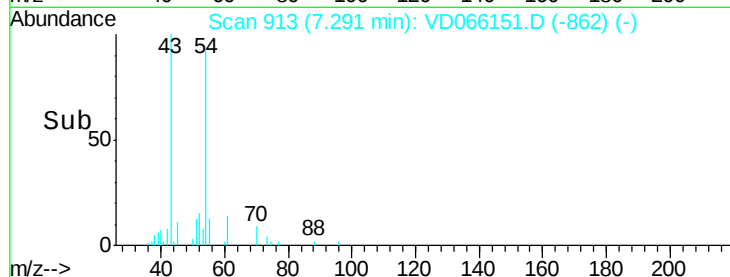
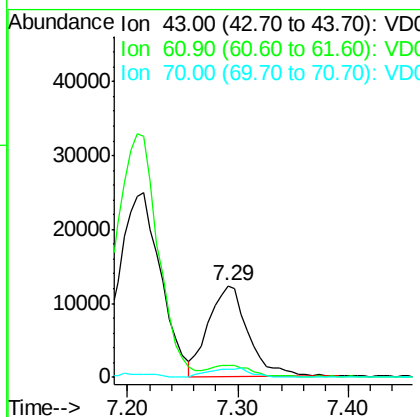
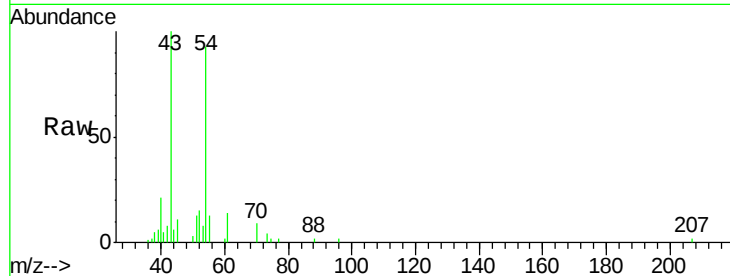
#37
Ethyl Acetate
Concen: 18.742 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.0	18.0
70	10.3	9.7	14.5

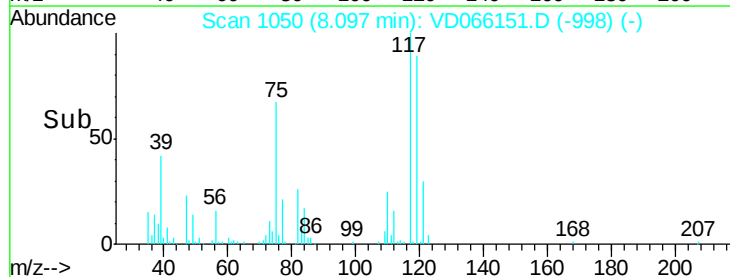
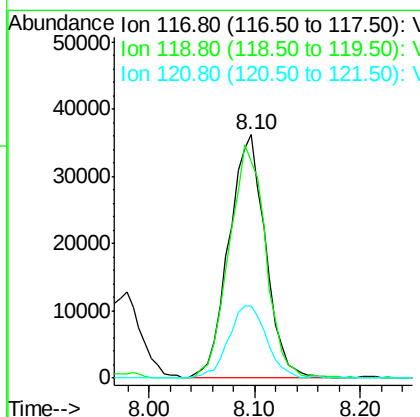
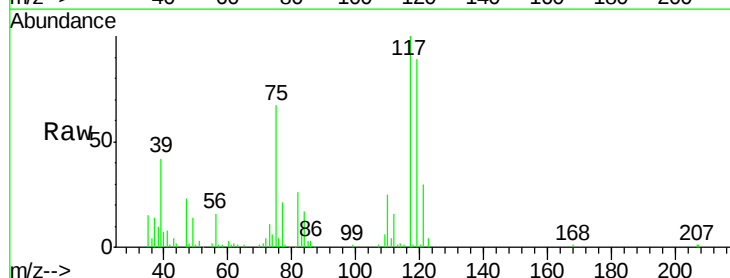
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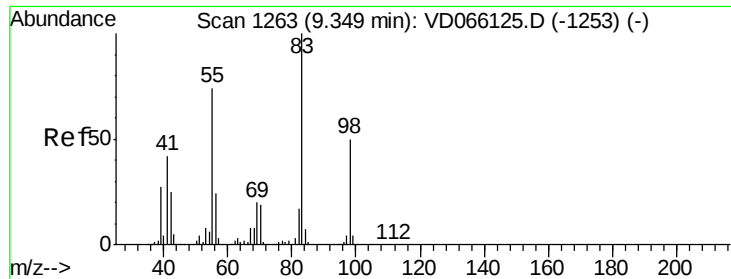
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#38
Carbon Tetrachloride
Concen: 18.947 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.8	81.0	121.4
121	29.9	24.8	37.2





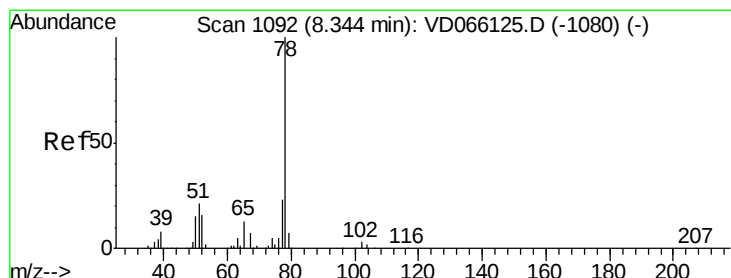
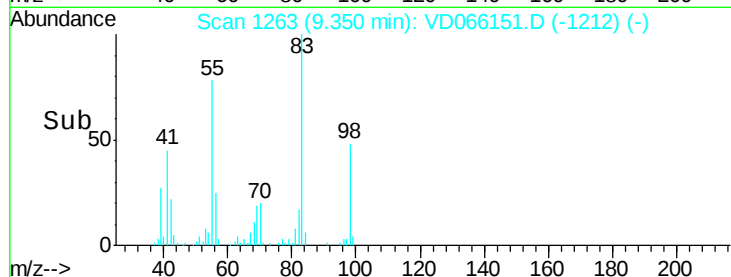
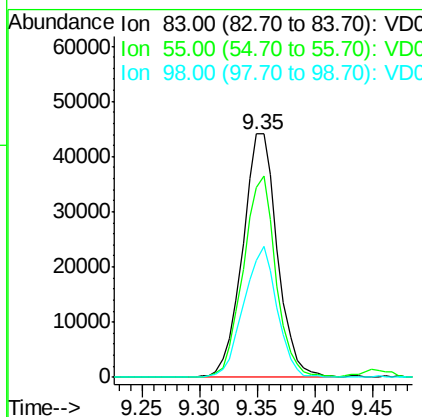
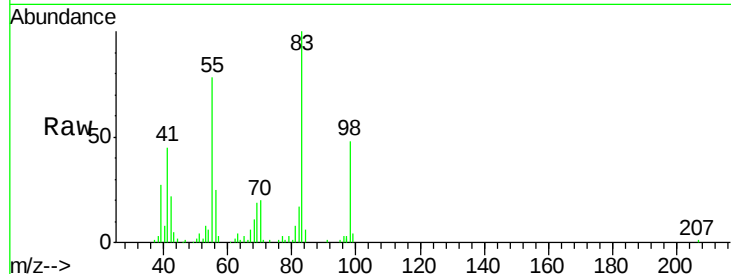
#39
Methvlcvclohexane
Concen: 18.584 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	59.2	88.8
98	48.1	39.8	59.6

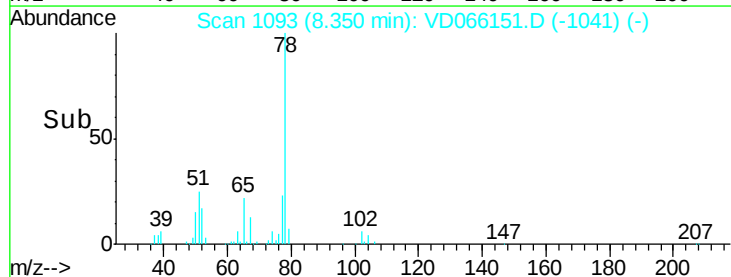
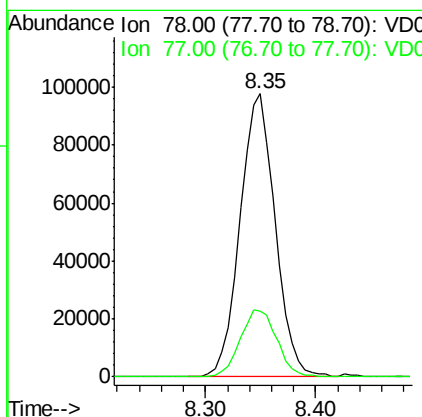
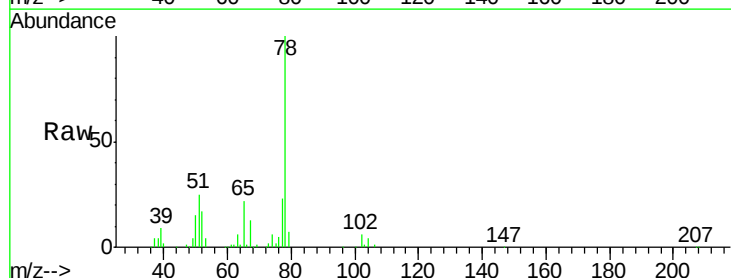
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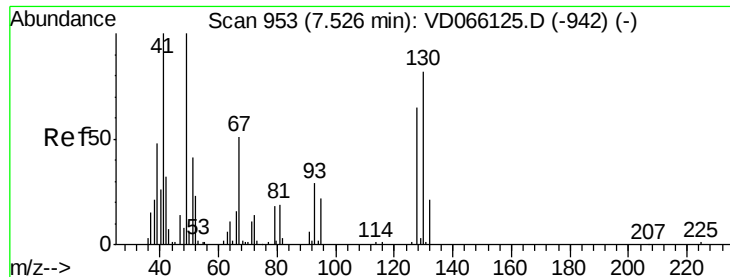
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#40
Benzene
Concen: 19.150 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





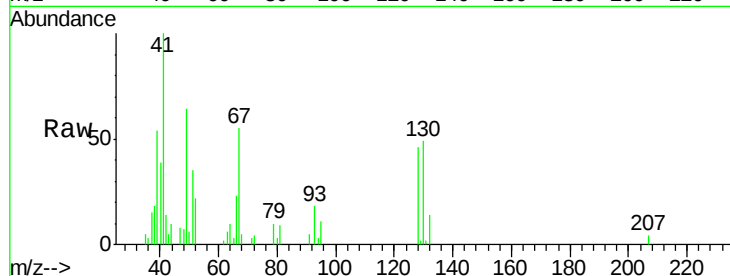
#41
Methacrylonitrile
Concen: 16.977 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBSD01

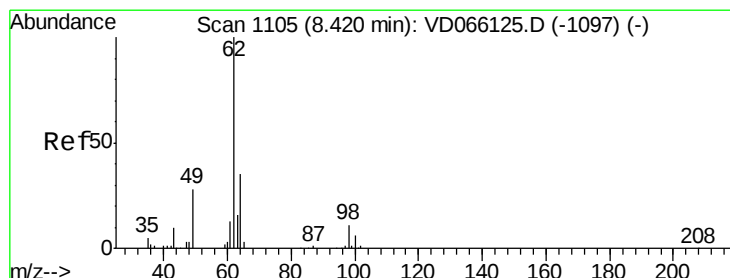
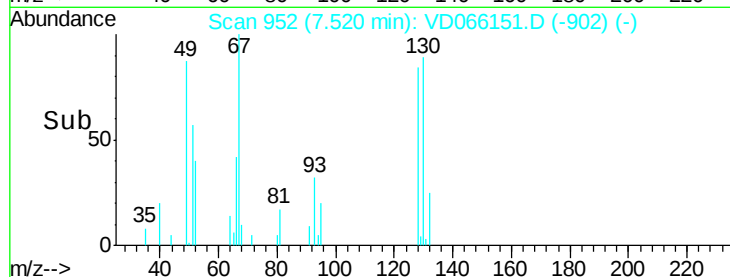
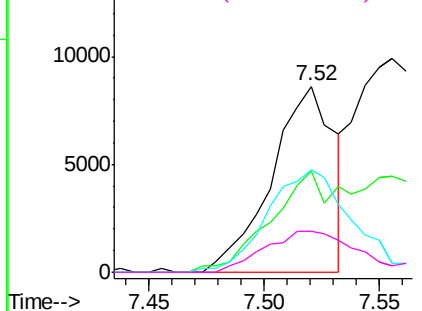
Tot Ion	Ratio	Lower	Upper
41	100		
39	63.1	47.5	71.3
67	73.7	59.1	88.7
52	32.2	25.4	38.0

Manual Integrations
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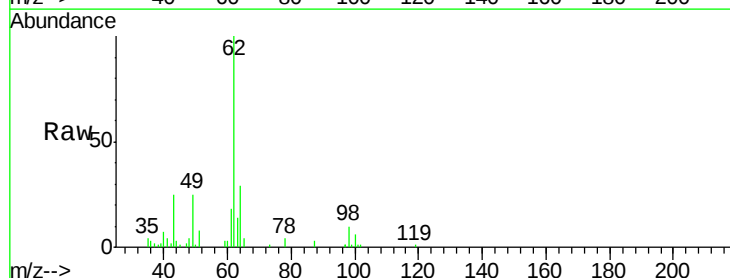


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

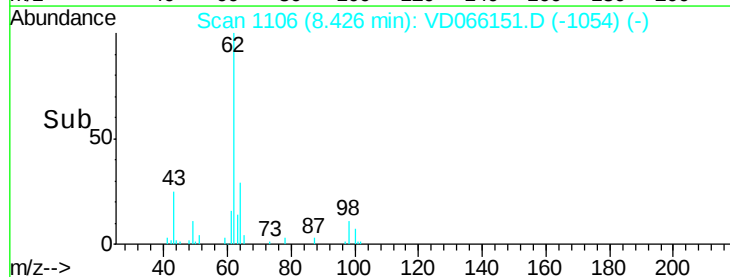
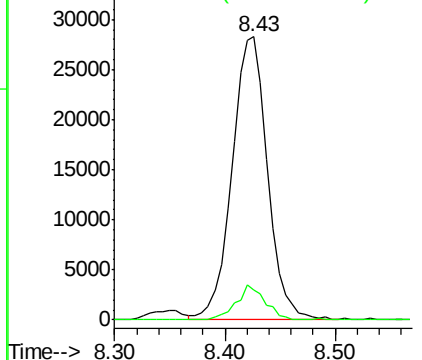


#42
1,2-Dichloroethane
Concen: 19.006 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





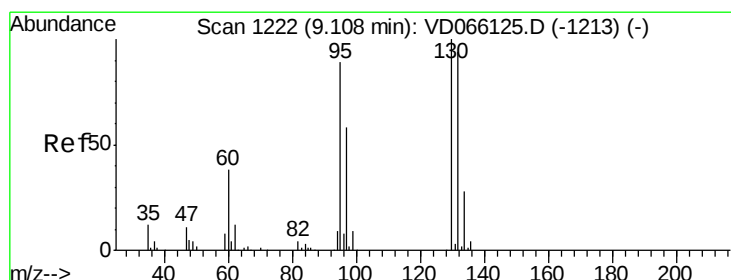
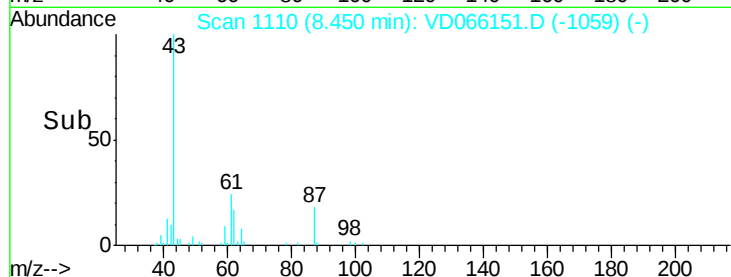
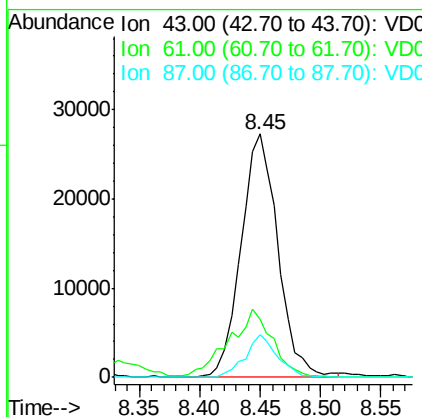
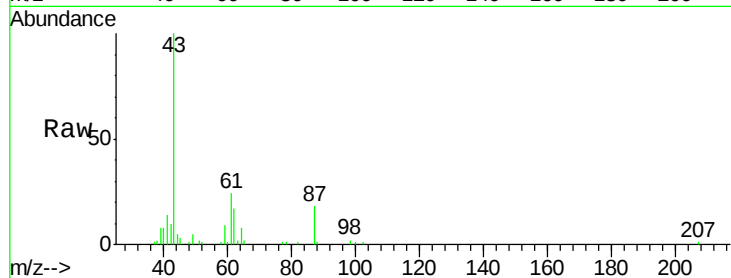
#43
Isopropyl Acetate
Concen: 18.075 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.1	25.5	38.3
87	15.4	11.2	16.8

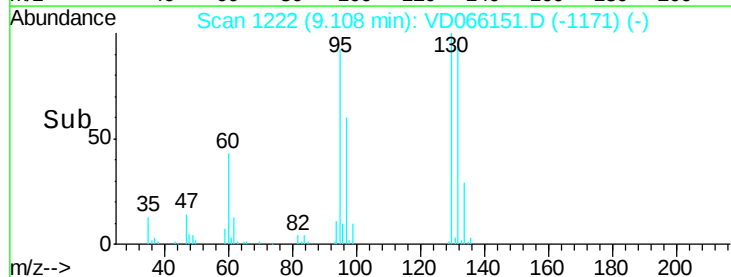
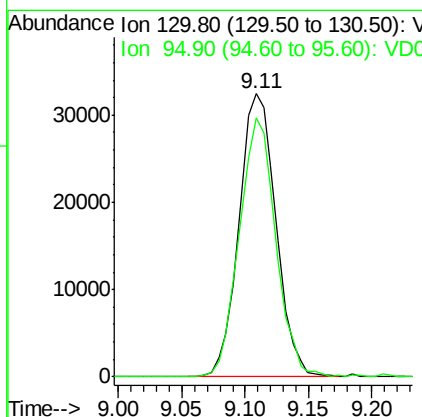
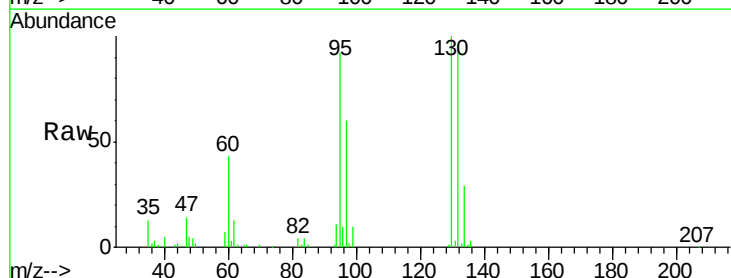
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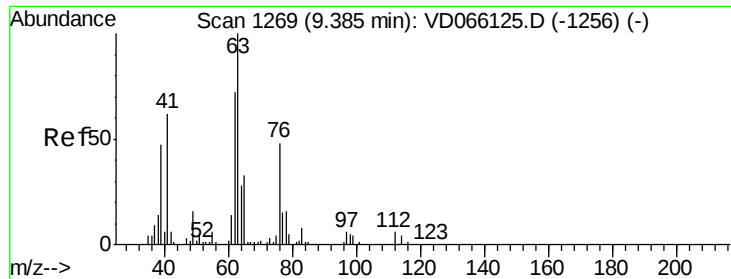
MMDadoda
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#44
Trichloroethene
Concen: 19.092 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	178.4





#45

1,2-Dichloropropane

Concen: 19.717 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 63 Resp: 55071

Ion Ratio Lower Upper

63 100

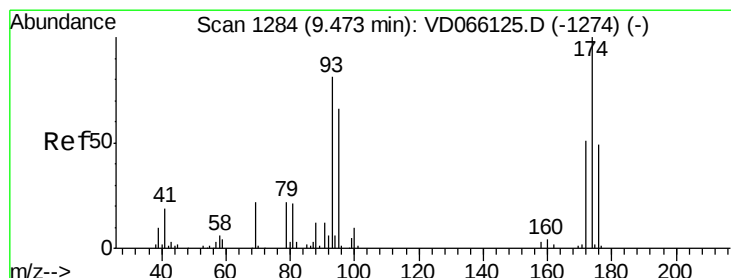
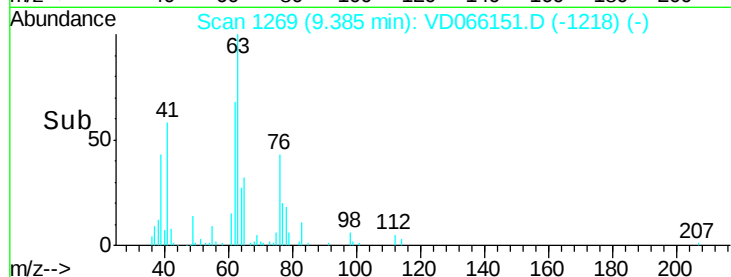
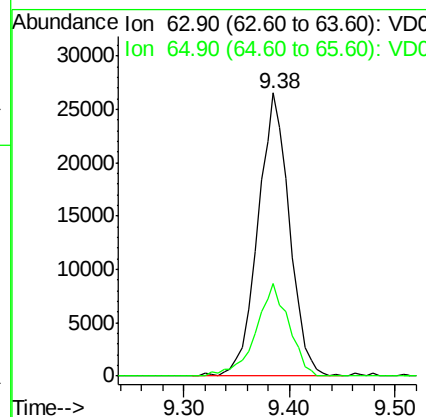
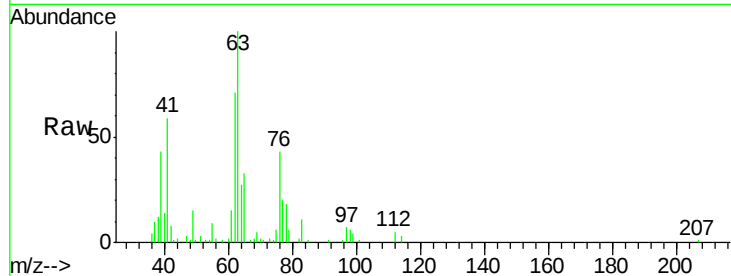
65 32.8 26.5 39.7

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#46

Dibromomethane

Concen: 18.540 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

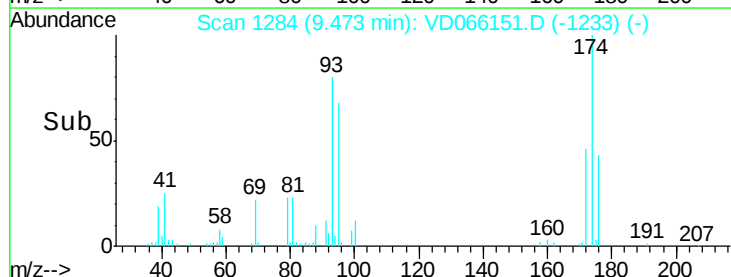
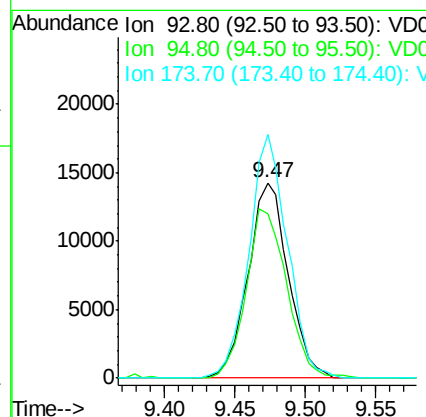
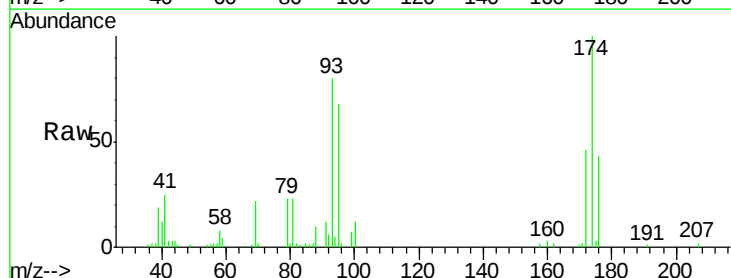
Tgt Ion: 93 Resp: 28524

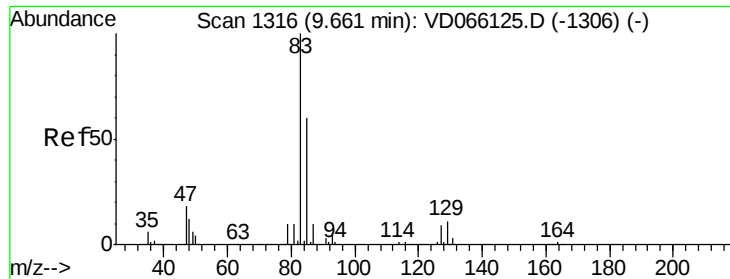
Ion Ratio Lower Upper

93 100

95 87.0 65.8 98.6

174 119.3 92.8 139.2





#47

Bromodichloromethane

Concen: 18.991 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

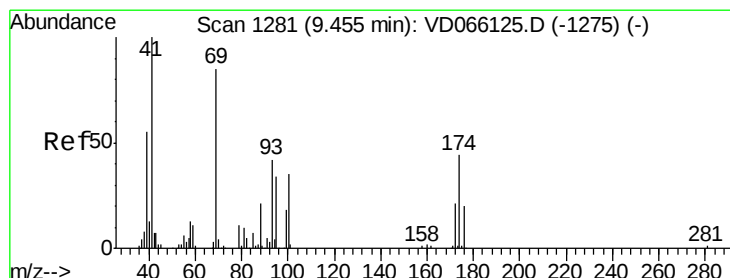
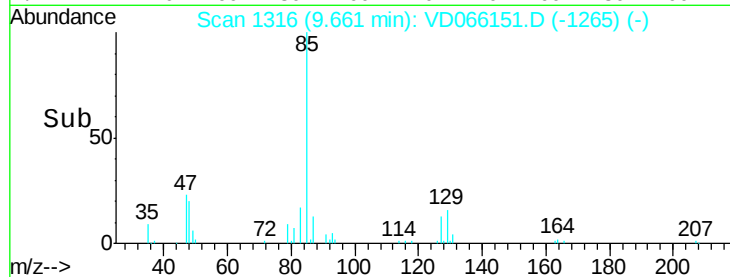
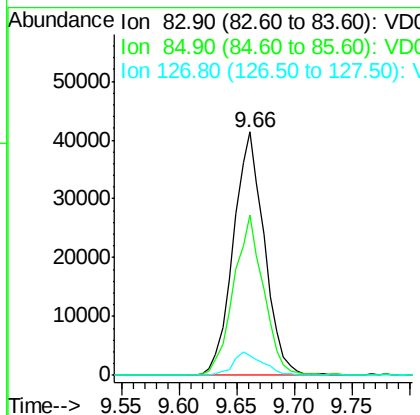
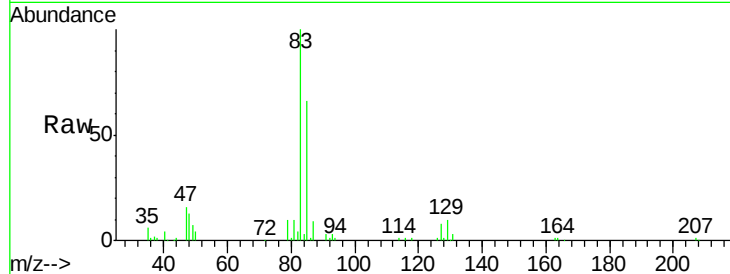
ClientSampleId :

VD0807SBS01

Tot Ion:	83	Resp:	77223
Ion	Ratio	Lower	Upper
83	100		
85	65.9	48.2	72.4
127	8.2	7.3	10.9

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#48

Methyl methacrylate

Concen: 18.005 ug/l

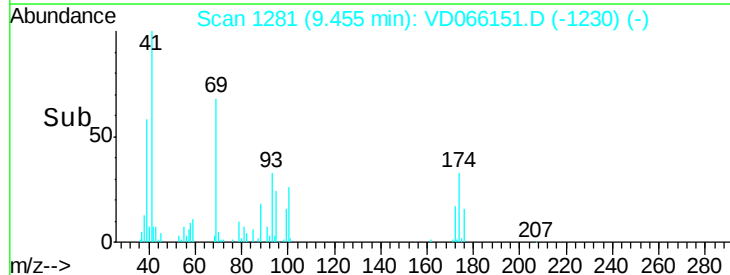
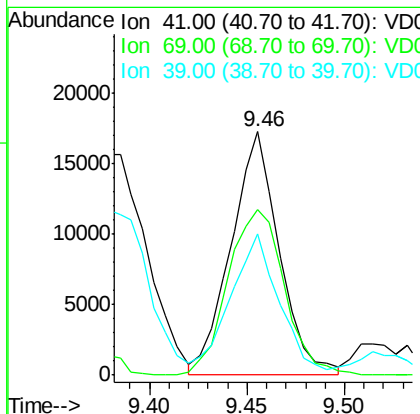
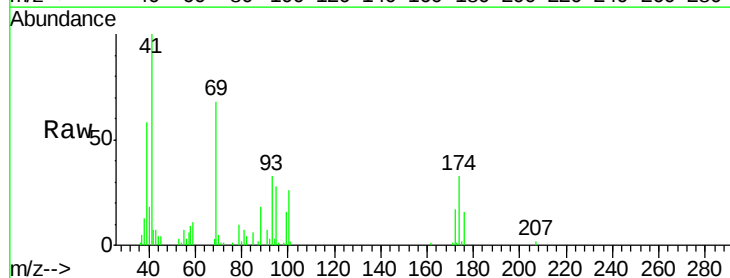
RT: 9.46 min Scan# 1281

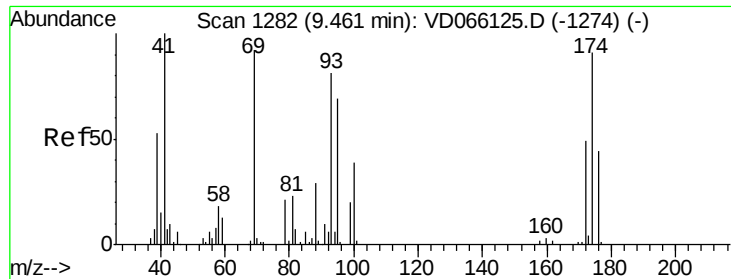
Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	41	Resp:	29546
Ion	Ratio	Lower	Upper
41	100		
69	79.6	63.9	95.9
39	54.1	42.6	64.0





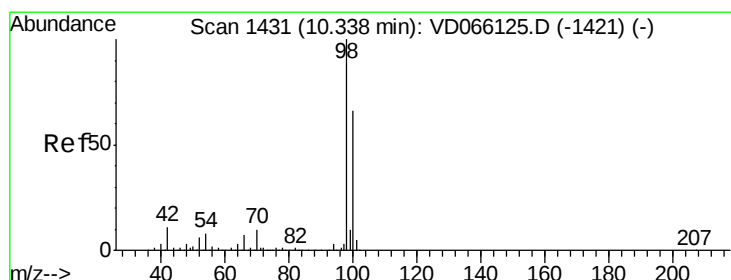
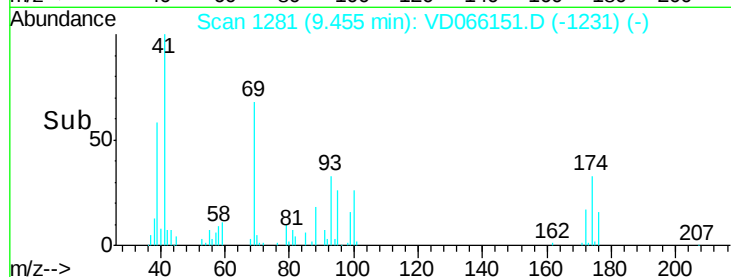
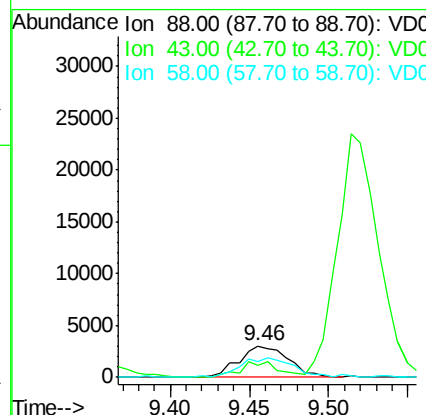
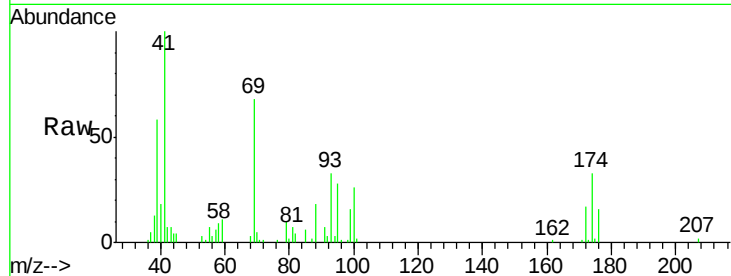
#49
1,4-Dioxane
Concen: 328.446 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBSD01

Tot Ion	88	Resp	6492
Ion	Ratio	Lower	Upper
88	100		
43	39.0	27.5	41.3
58	67.0	50.2	75.4

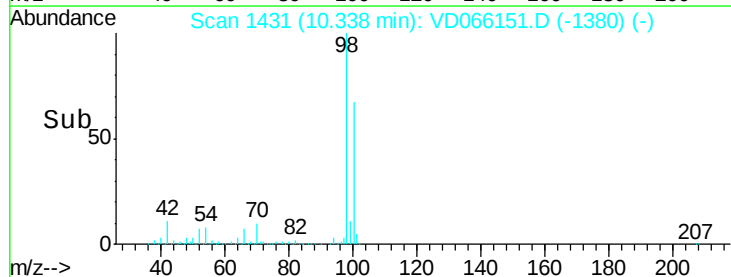
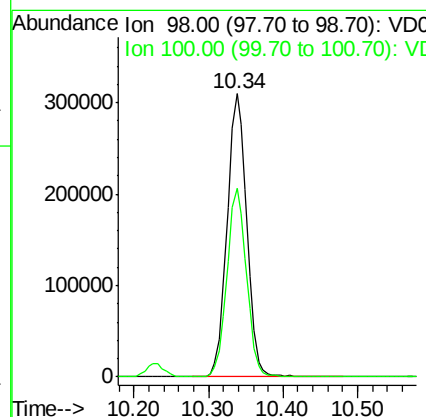
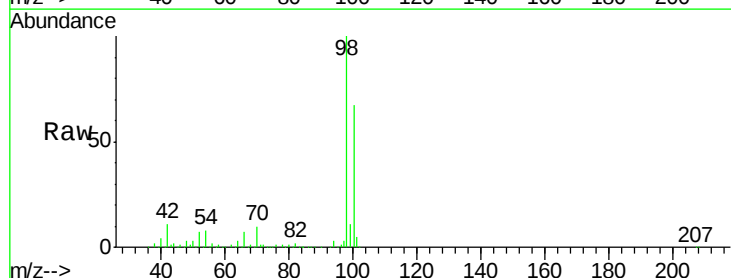
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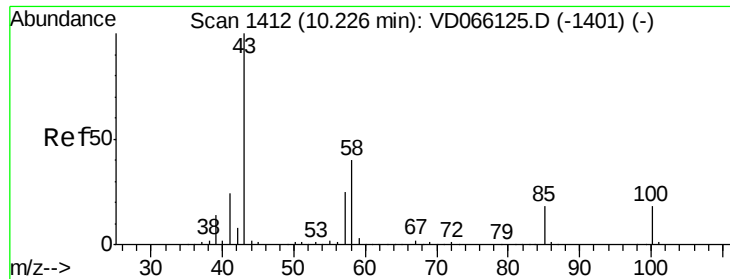
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#50
Toluene-d8
Concen: 55.684 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	98	Resp	570286
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 89.004 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 43 Resp: 146926

Ion Ratio Lower Upper

43 100

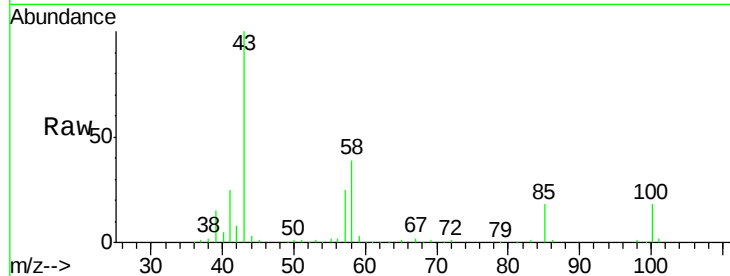
58 39.0 31.1 46.7

Manual Integrations

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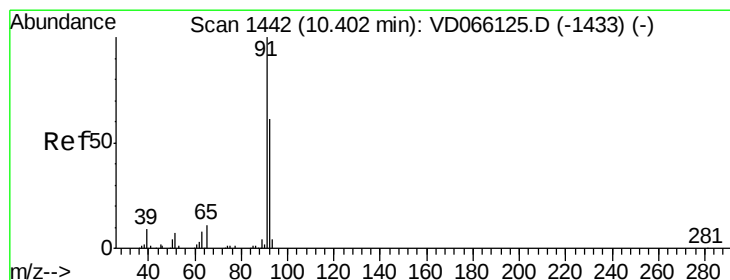
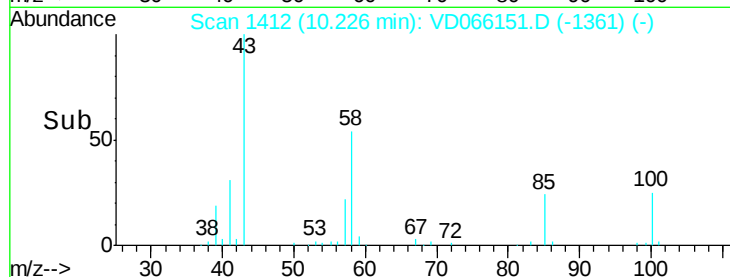
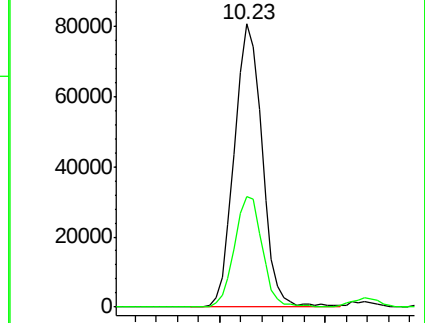
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.132 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066151.D

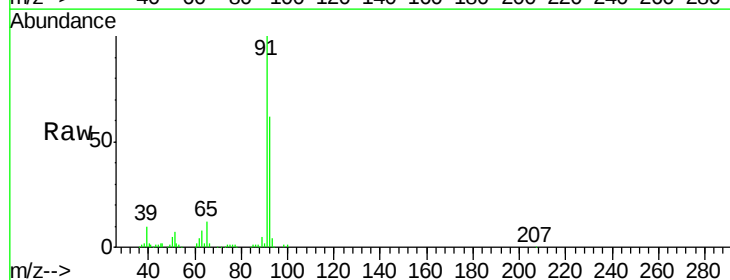
Acq: 07 Aug 2020 12:12

Tgt Ion: 92 Resp: 151286

Ion Ratio Lower Upper

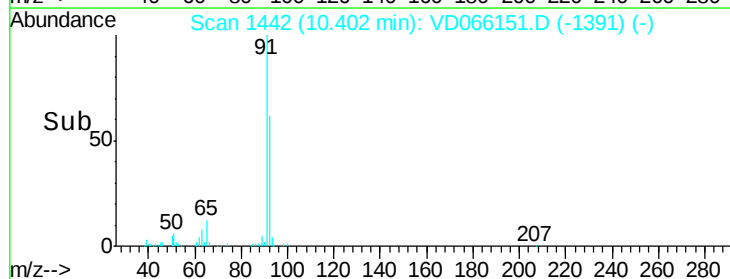
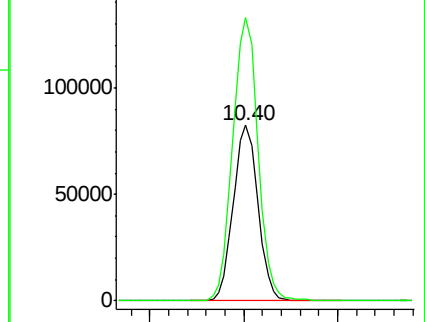
92 100

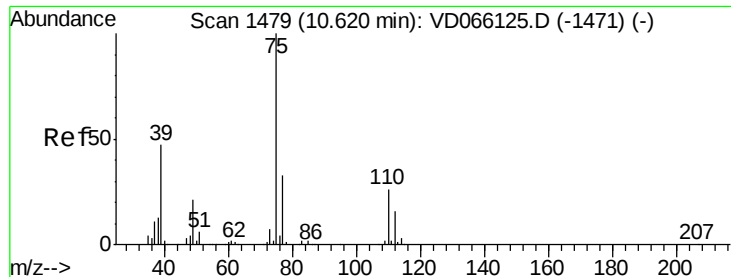
91 164.5 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





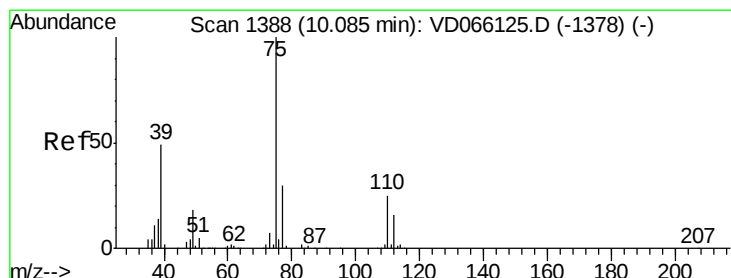
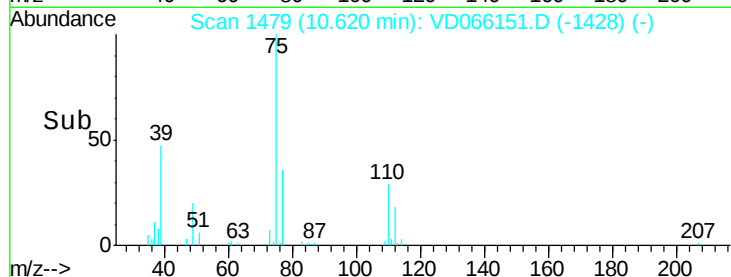
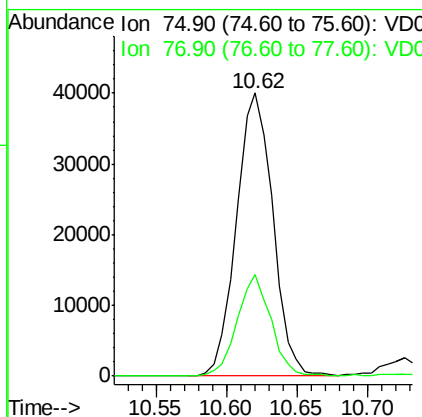
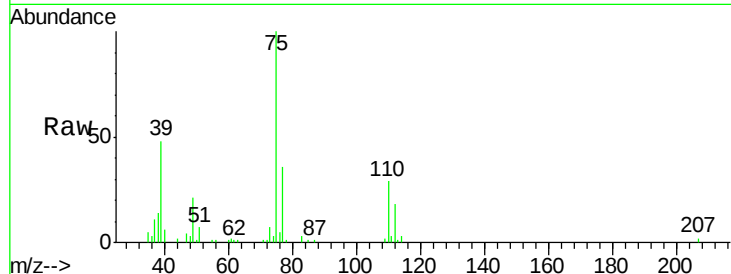
#53
t-1,3-Dichloropropene
Concen: 18.725 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion: 75 Resp: 72258
Ion Ratio Lower Upper
75 100
77 35.8 26.2 39.2

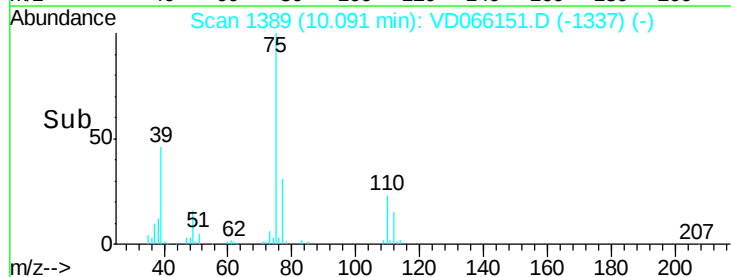
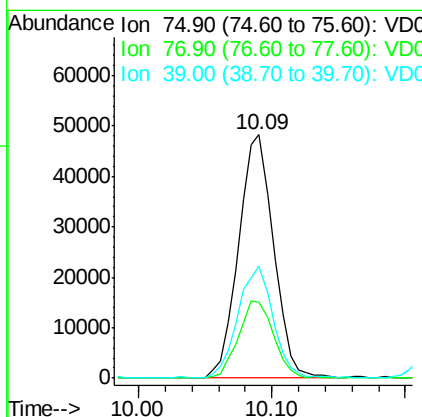
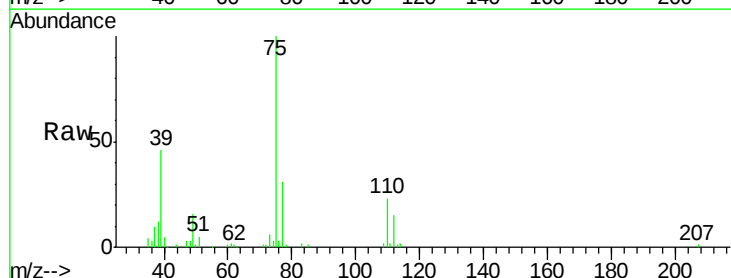
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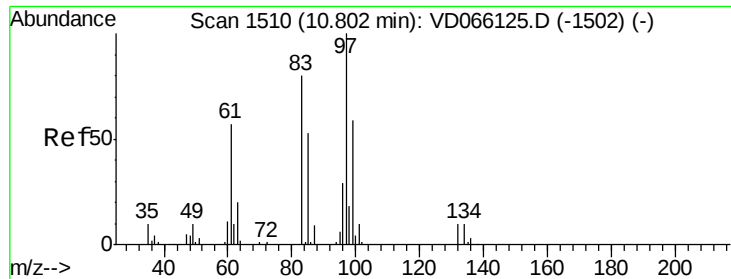
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.347 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion: 75 Resp: 87473
Ion Ratio Lower Upper
75 100
77 31.0 24.3 36.5
39 45.7 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 18.691 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

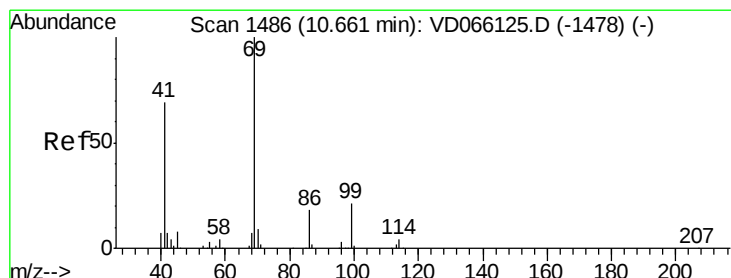
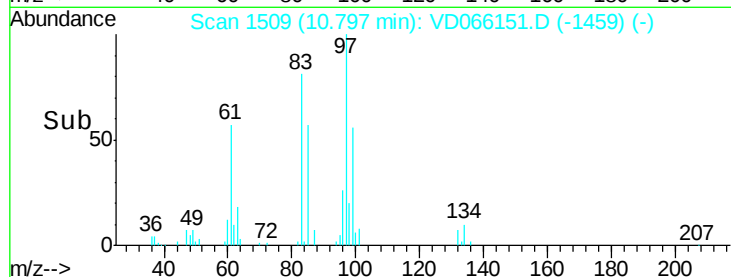
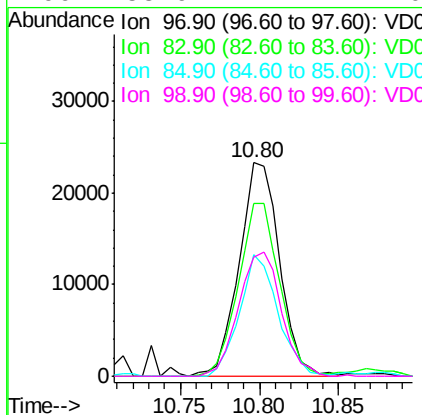
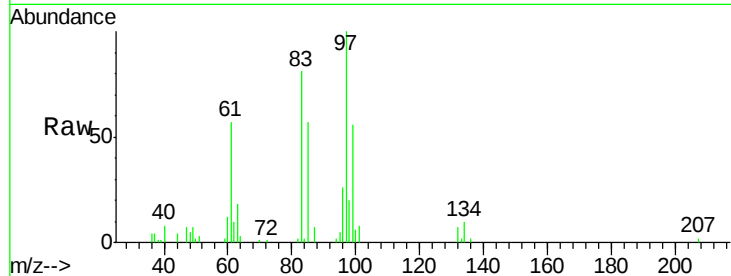
ClientSampleId :

VD0807SBS01

Tot Ion:	97	Resp:	41408
Ion	Ratio	Lower	Upper
97	100		
83	80.9	63.9	95.9
85	57.2	42.5	63.7
99	55.9	47.4	71.0

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#56

Ethyl methacrylate

Concen: 18.372 ug/l

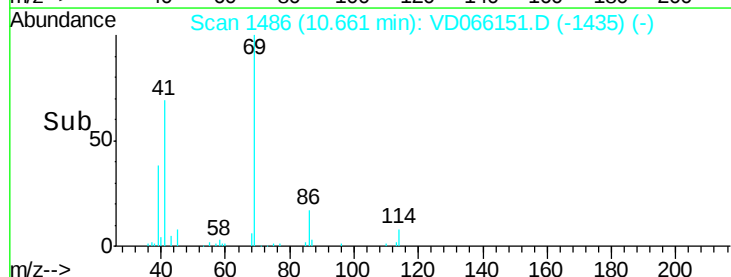
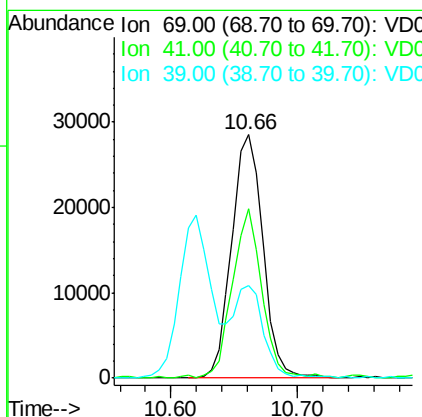
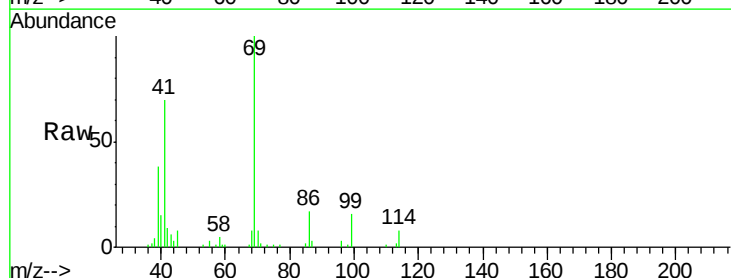
RT: 10.66 min Scan# 1486

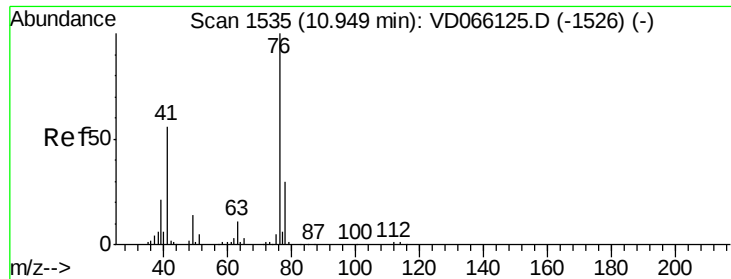
Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	69	Resp:	48892
Ion	Ratio	Lower	Upper
69	100		
41	65.4	54.1	81.1
39	35.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.801 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBSD01

Tot Ion: 76 Resp: 69147

Ion Ratio Lower Upper

76 100

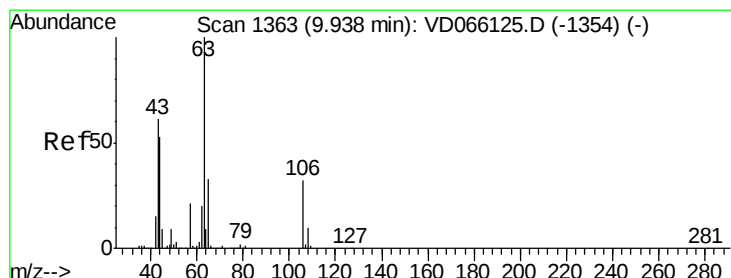
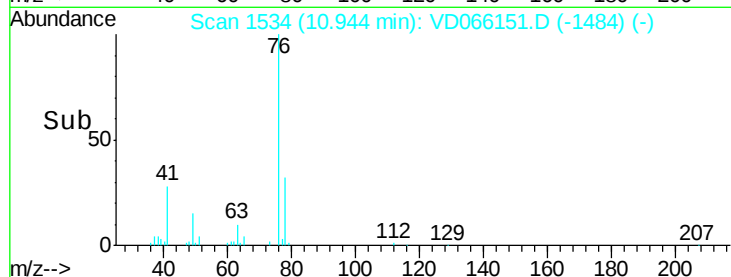
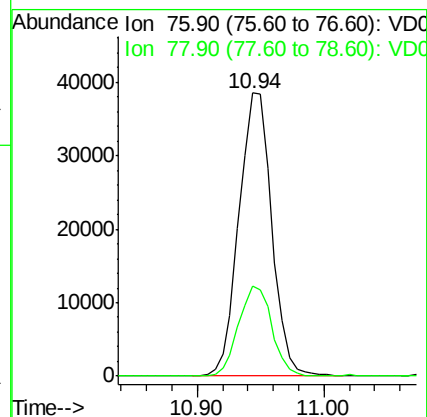
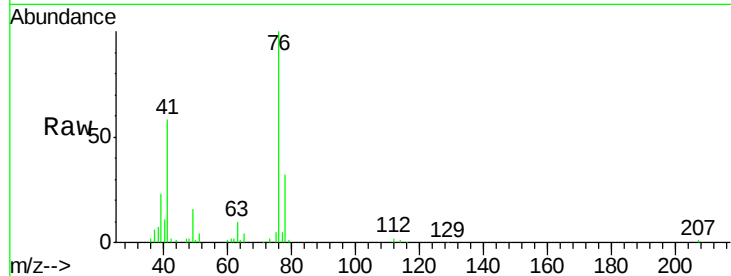
78 32.2 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 103.621 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066151.D

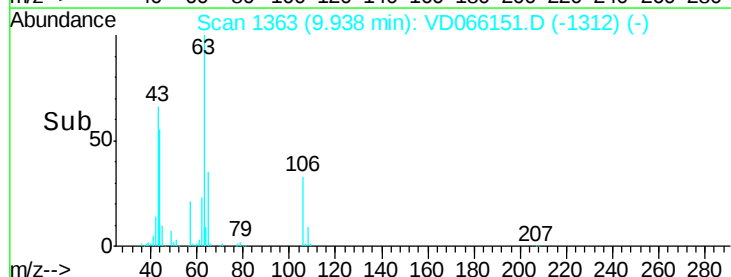
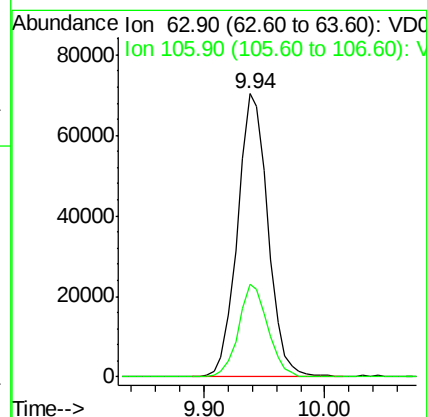
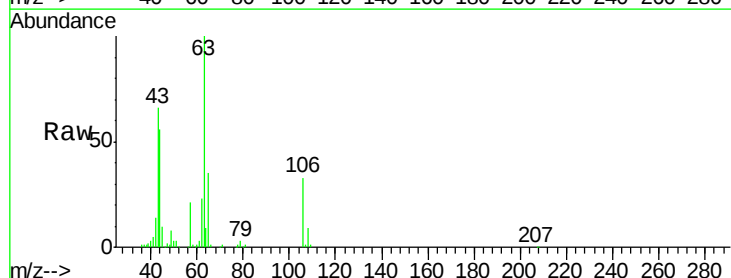
Acq: 07 Aug 2020 12:12

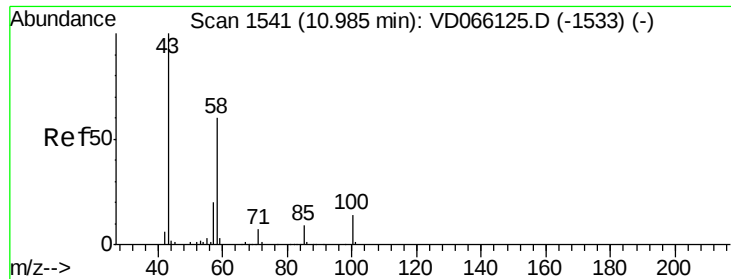
Tgt Ion: 63 Resp: 124043

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9





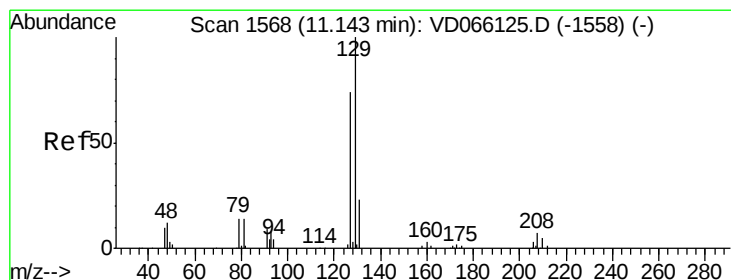
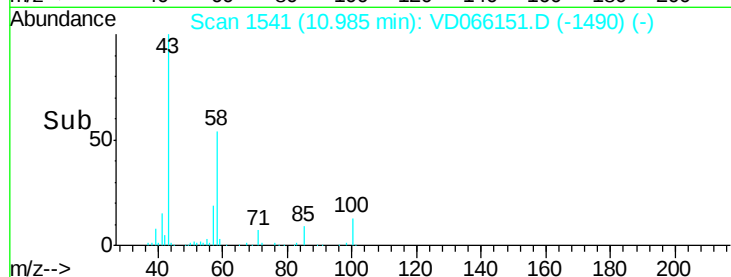
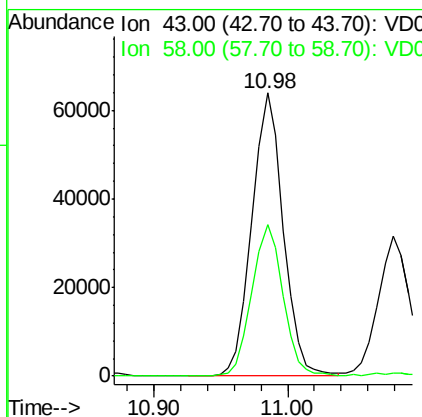
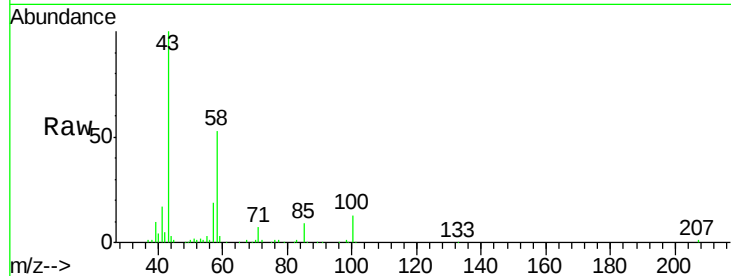
#59
2-Hexanone
Concen: 89.636 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBSD01

Tot Ion: 43 Resp: 103847
Ion Ratio Lower Upper
43 100
58 53.2 27.8 83.4

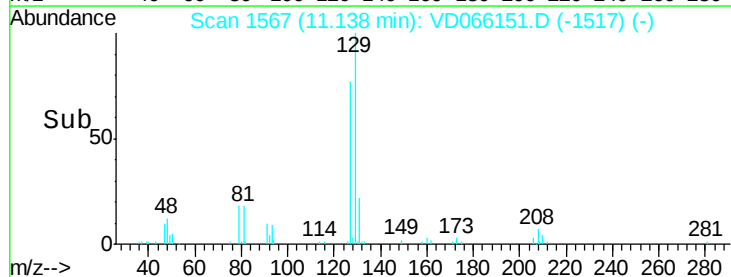
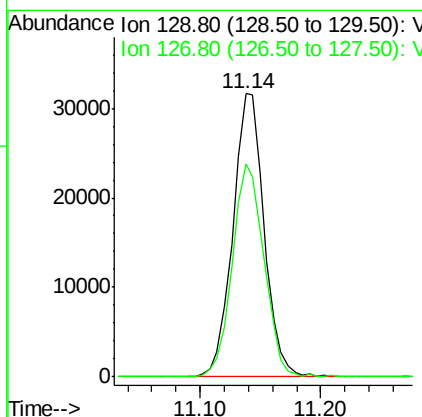
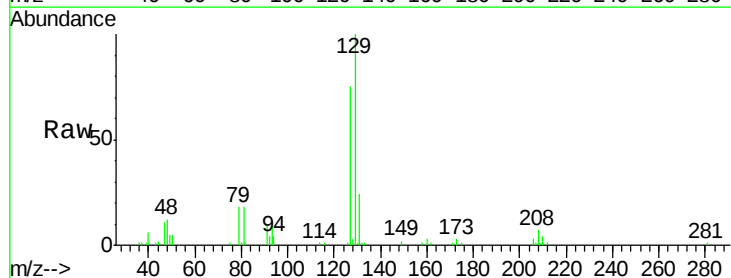
Manual Integrations
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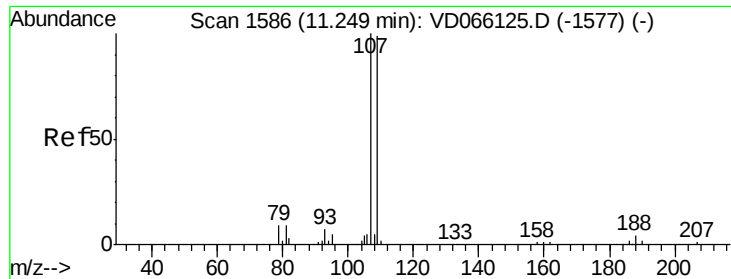
MMDadoda
8/10/2020 12:24:12 PM



#60
Dibromochloromethane
Concen: 18.630 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion: 129 Resp: 56978
Ion Ratio Lower Upper
129 100
127 76.3 38.0 114.1





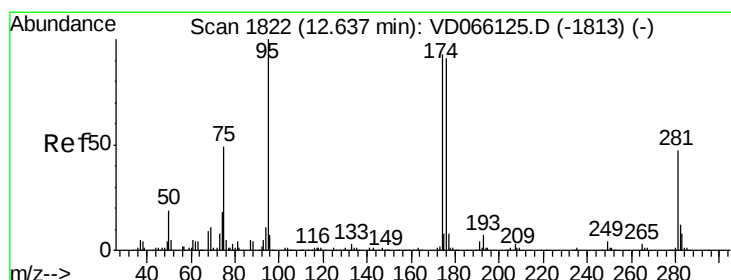
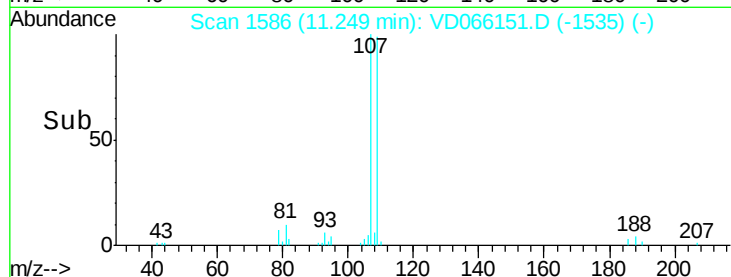
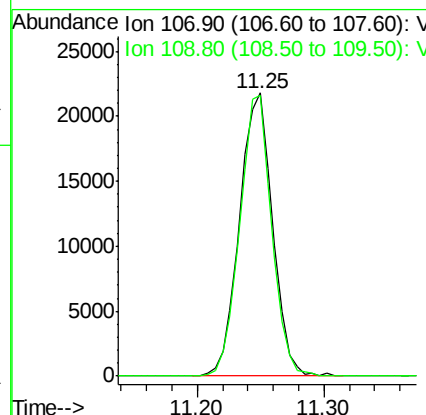
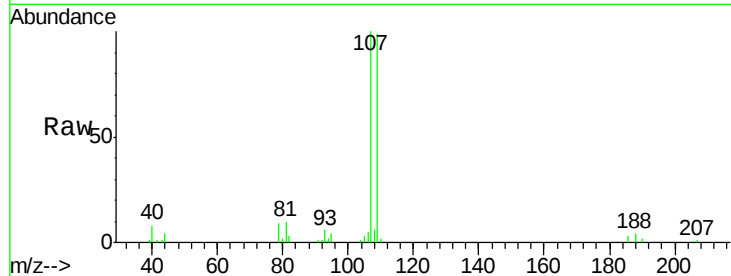
#61
 1,2-Dibromoethane
 Concen: 18.432 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBSD01

Tot Ion: 107 Resp: 39270
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.5 114.7

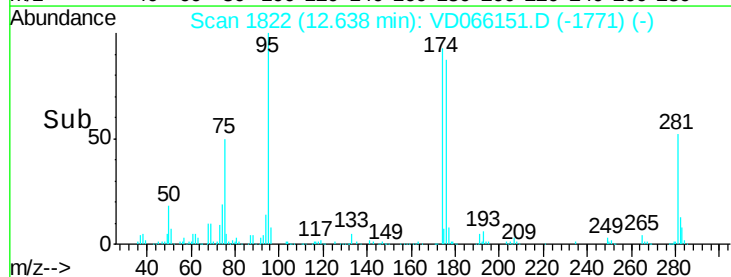
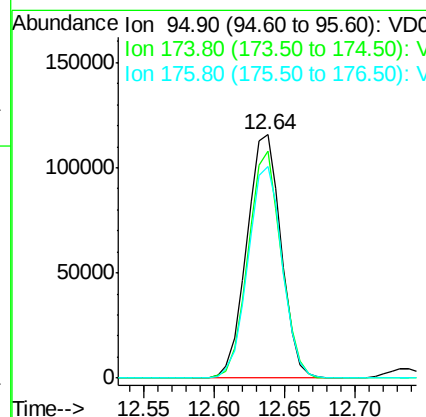
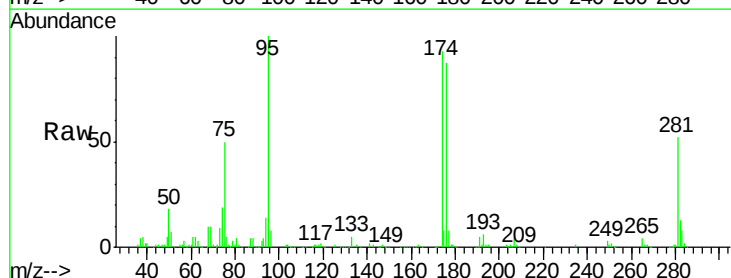
Manual Integrations
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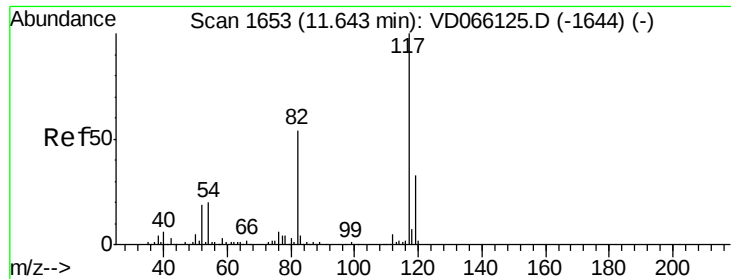
MMDadoda
 8/10/2020 12:24:12 PM



#62
 4-Bromofluorobenzene
 Concen: 53.351 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Tgt Ion: 95 Resp: 196953
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 180.8
 176 86.8 0.0 181.2





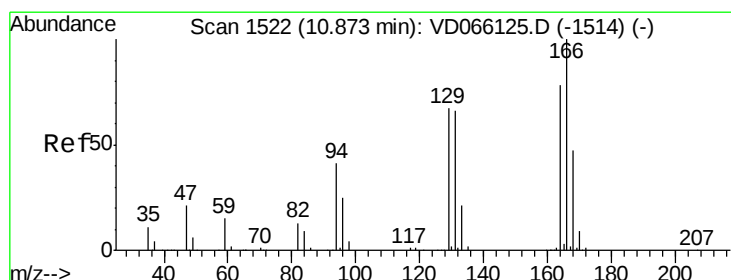
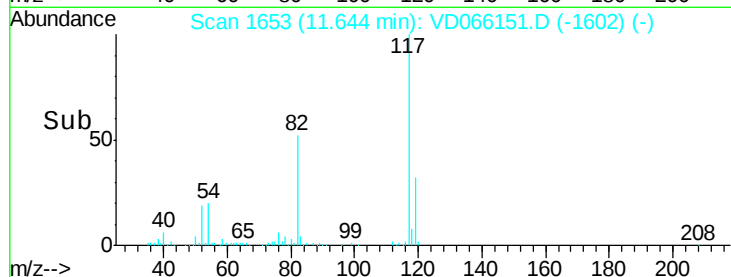
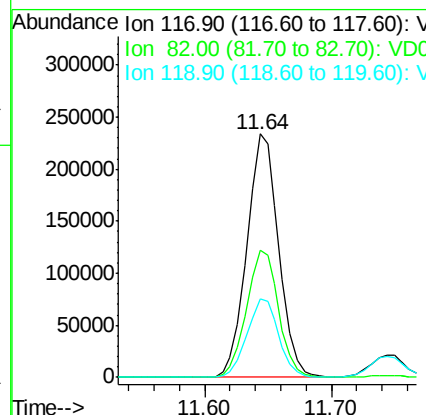
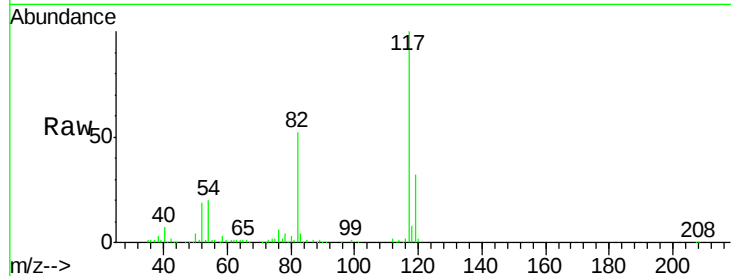
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	405512		
82	52.4	43.0	64.4	
119	32.3	26.1	39.1	

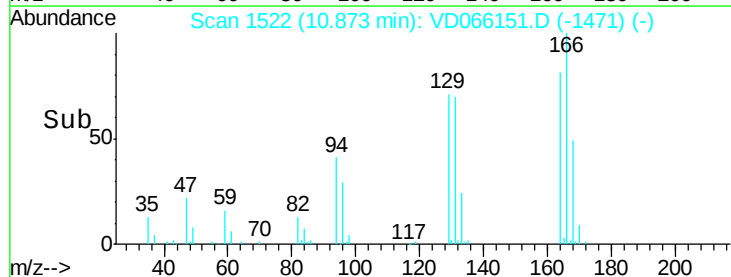
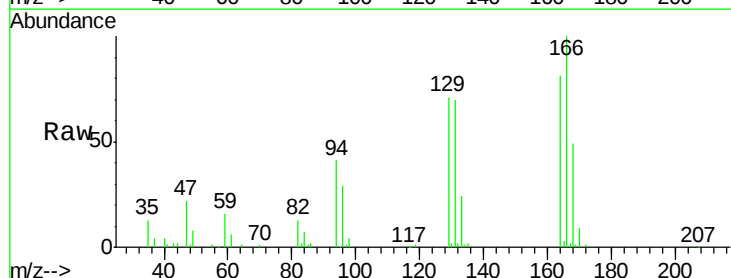
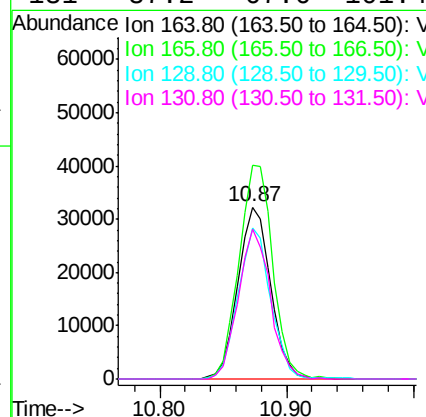
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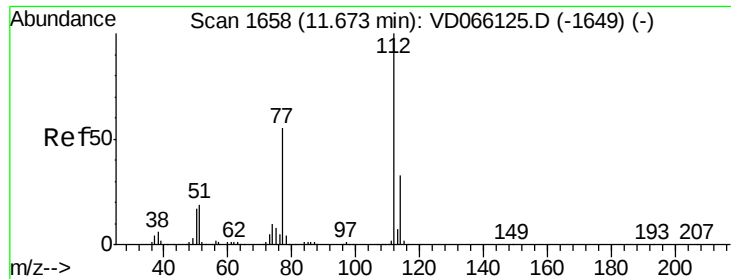
MMDadoda
8/10/2020 12:24:12 PM



#64
Tetrachloroethene
Concen: 18.515 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	57654		
166	124.2	101.9	152.9	
129	87.7	68.1	102.1	
131	87.2	67.6	101.4	





#65

Chlorobenzene

Concen: 19.043 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBSD01

Tot Ion:112 Resp: 156759

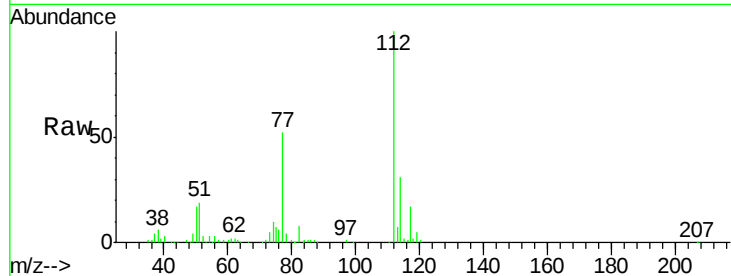
Ion Ratio Lower Upper

112 100

114 30.5 26.1 39.1

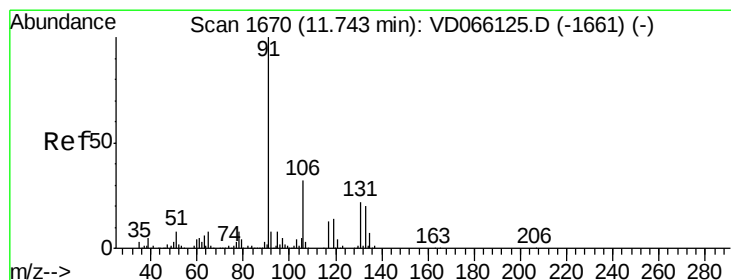
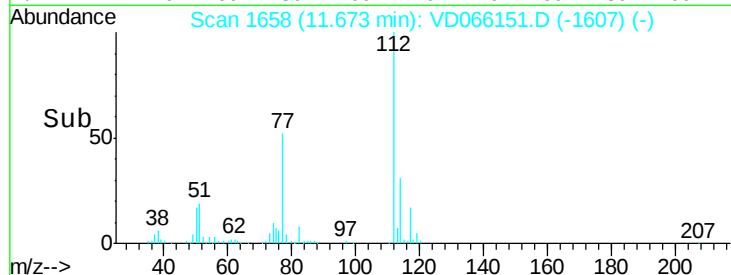
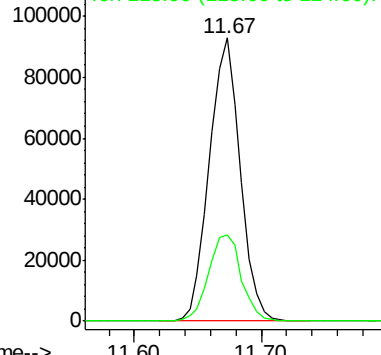
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.501 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

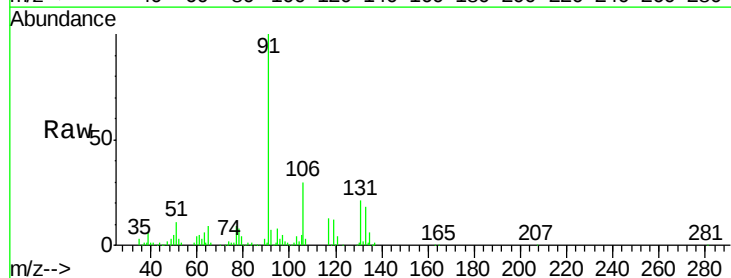
Tgt Ion:131 Resp: 59591

Ion Ratio Lower Upper

131 100

133 96.1 47.1 141.4

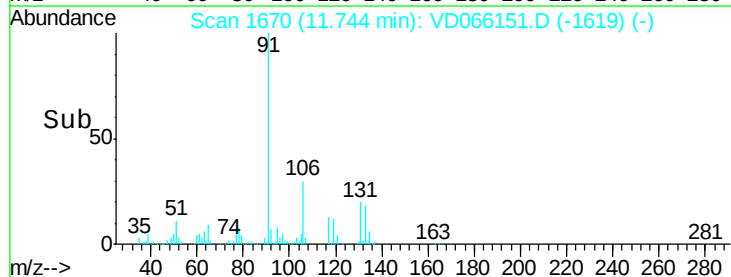
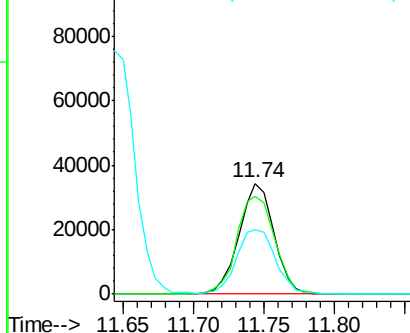
119 64.8 31.6 94.7

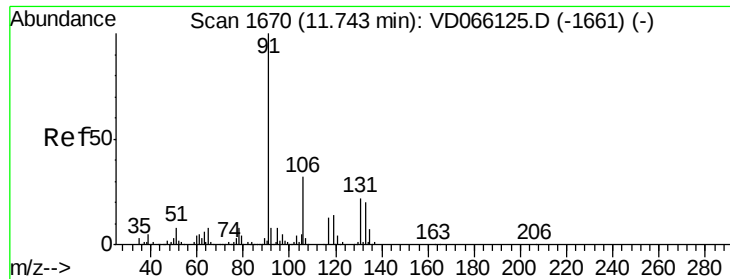


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.276 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 91 Resp: 274985

Ion Ratio Lower Upper

91 100

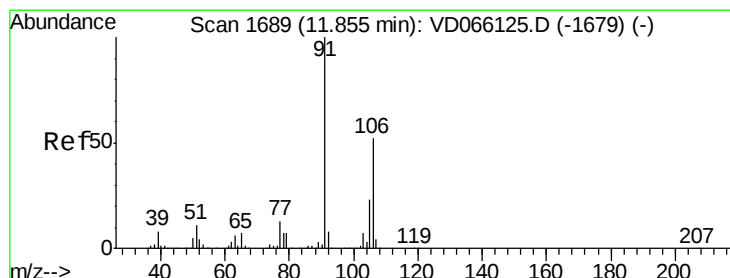
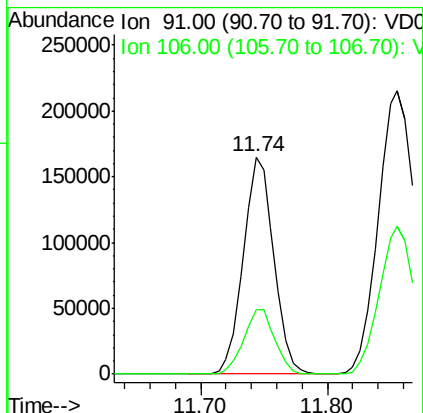
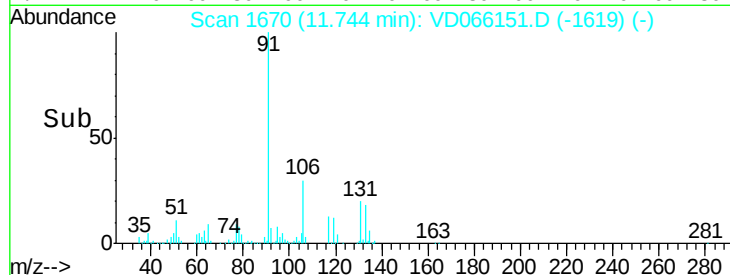
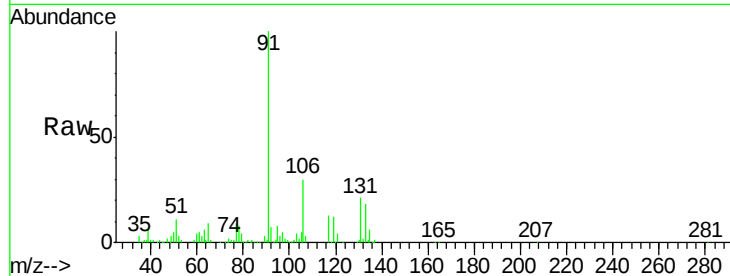
106 29.6 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.151 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066151.D

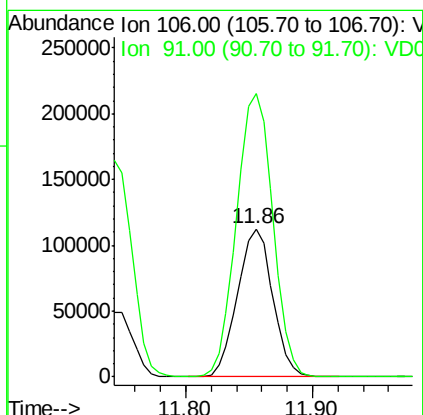
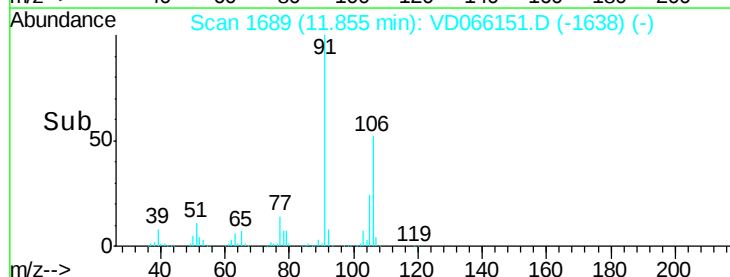
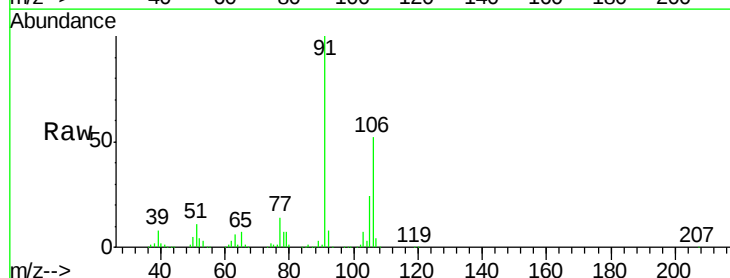
Acq: 07 Aug 2020 12:12

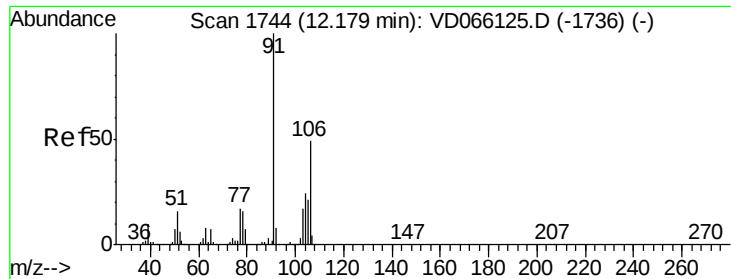
Tgt Ion: 106 Resp: 216386

Ion Ratio Lower Upper

106 100

91 197.8 156.6 235.0





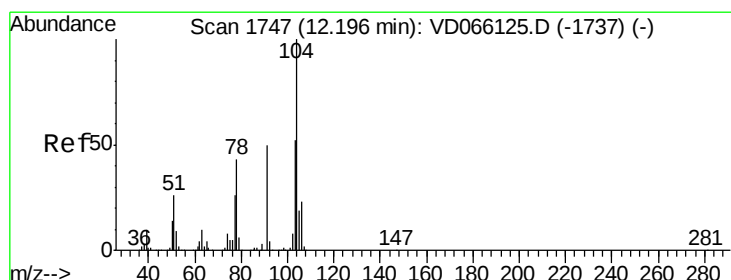
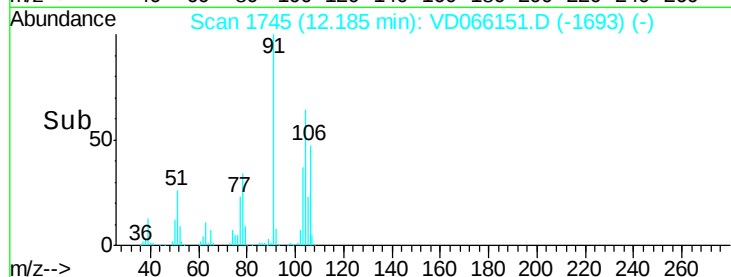
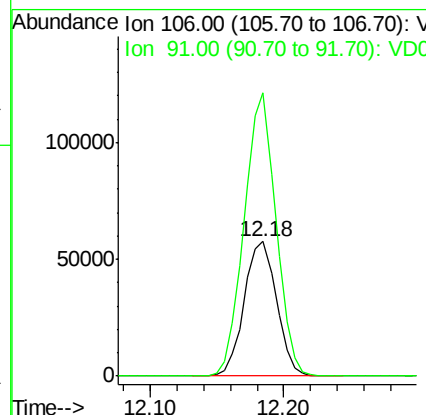
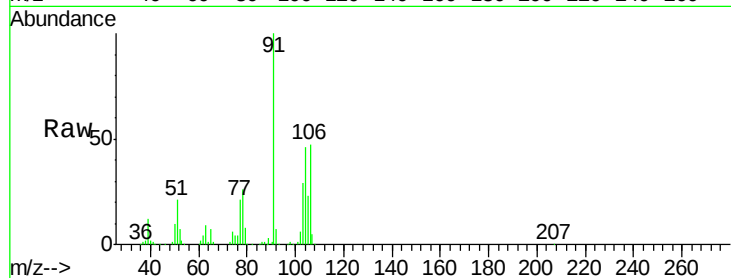
#69
o-Xylene
Concen: 19.286 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion:106 Resp: 96967
Ion Ratio Lower Upper
106 100
91 205.7 105.7 317.1

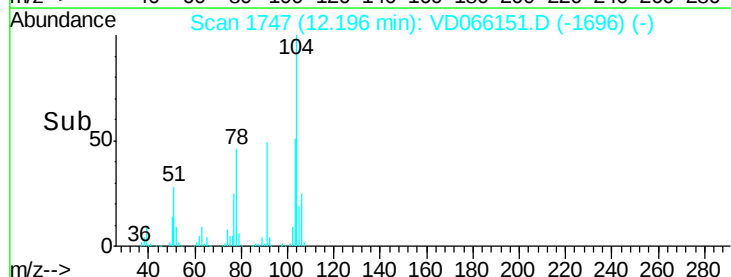
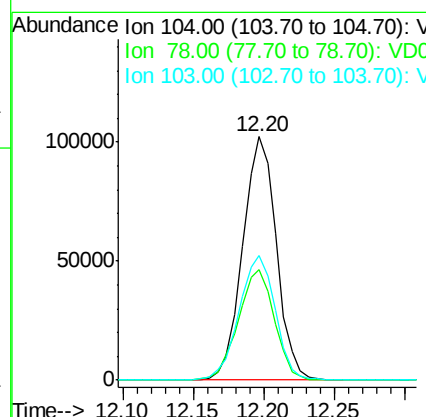
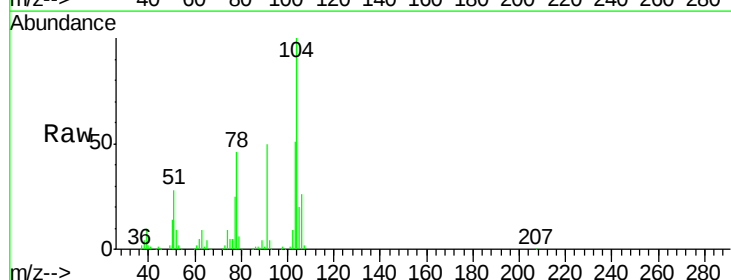
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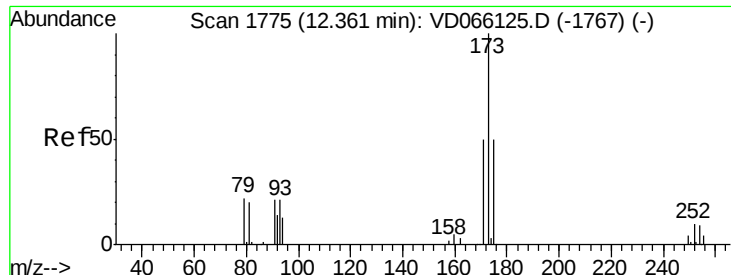
MMDadoda
8/10/2020 12:24:12 PM



#70
Styrene
Concen: 19.387 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion:104 Resp: 170825
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 54.9 44.1 66.1





#71

Bromoform

Concen: 17.293 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

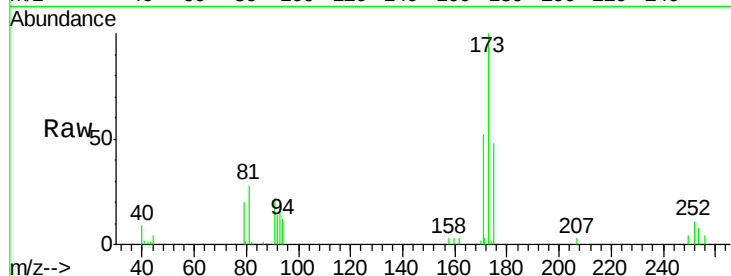
ClientSampleId :

VD0807SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	73.6
254	0.0	0.2	0.2

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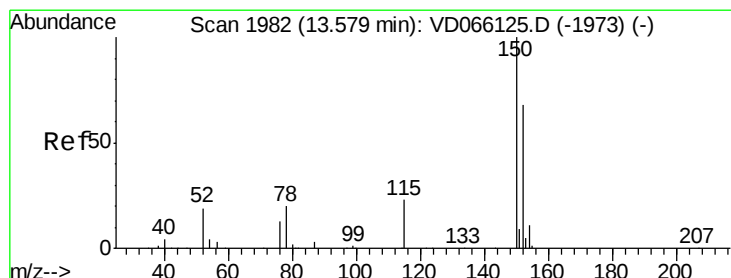
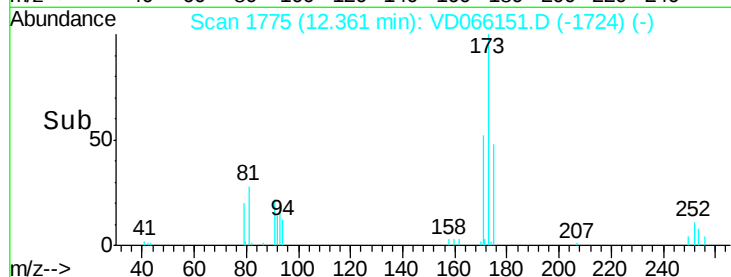
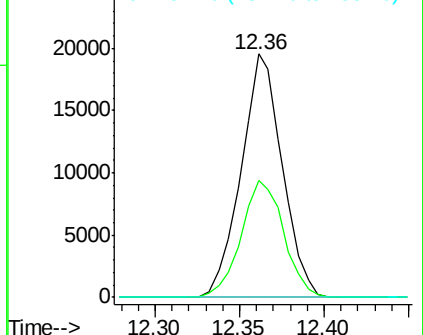


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

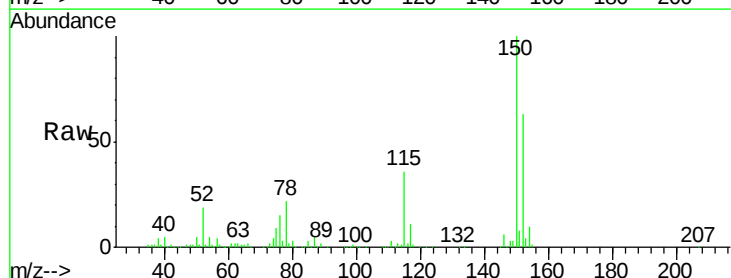
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	83.9
150	163.3	0.0	346.4

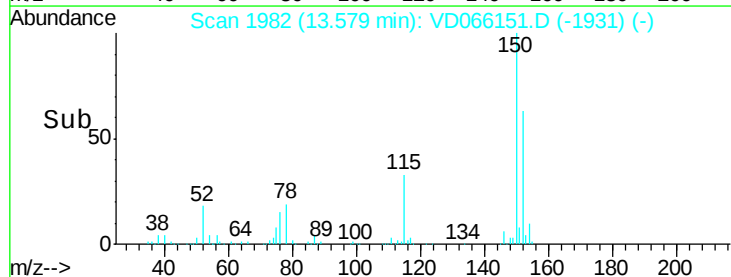
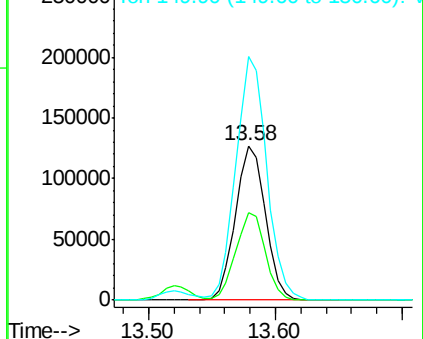


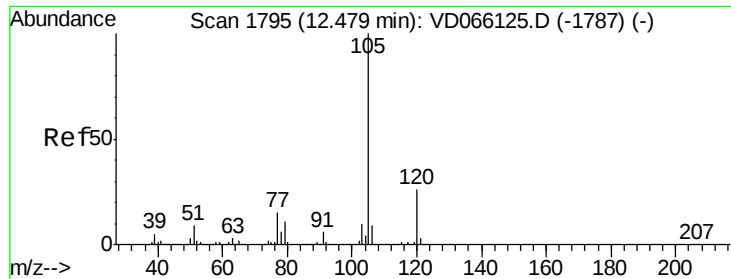
Abundance

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





#73

Isopropylbenzene

Concen: 19.305 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 105 Resp: 266892

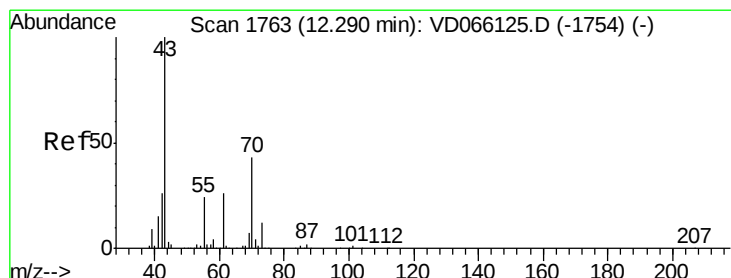
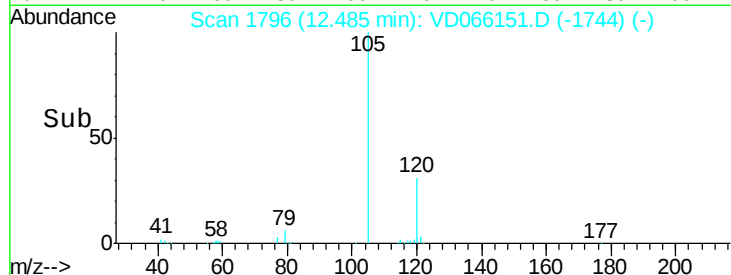
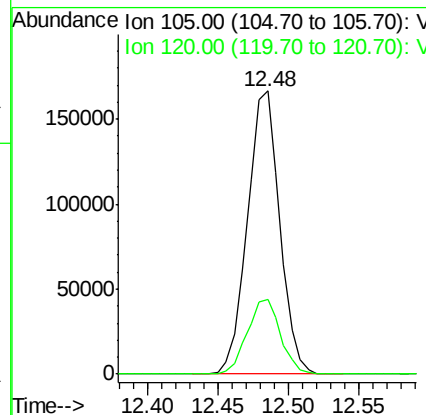
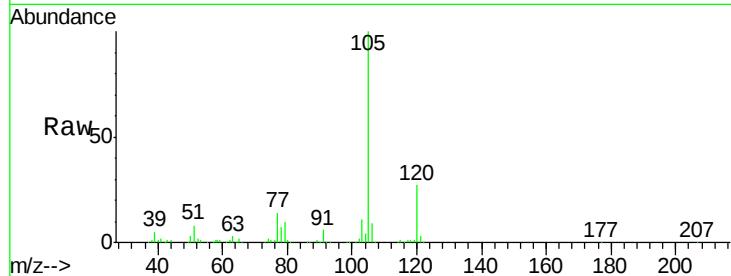
Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9

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#74

N-ethyl acetate

Concen: 18.129 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion: 43 Resp: 55190

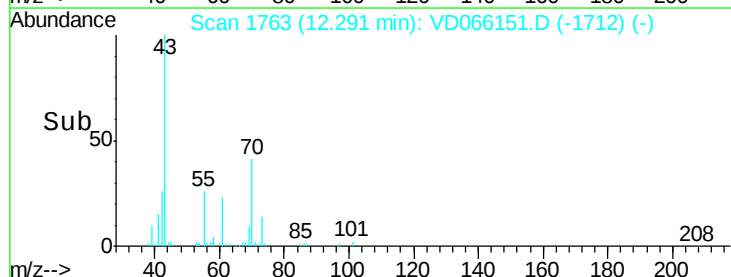
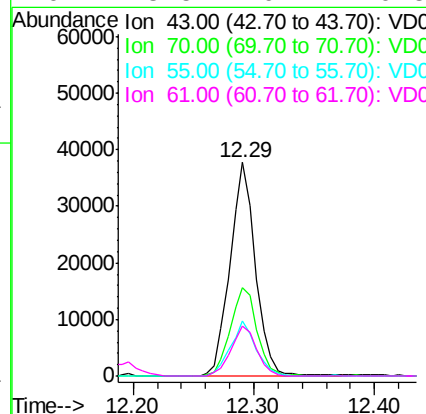
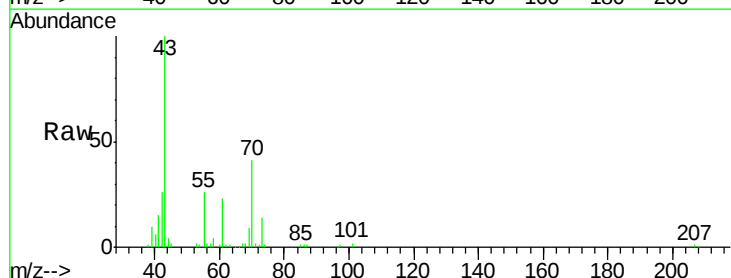
Ion Ratio Lower Upper

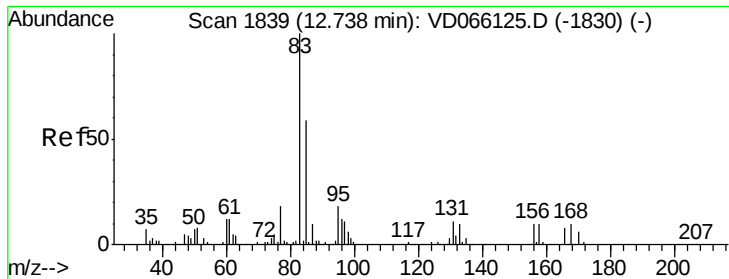
43 100

70 43.4 34.9 52.3

55 25.6 19.2 28.8

61 23.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.133 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

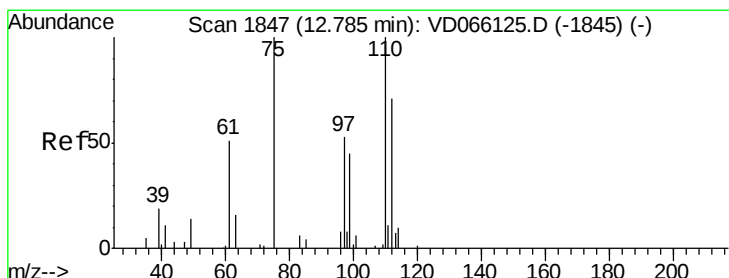
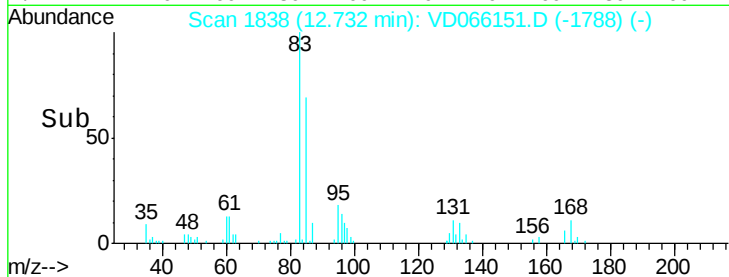
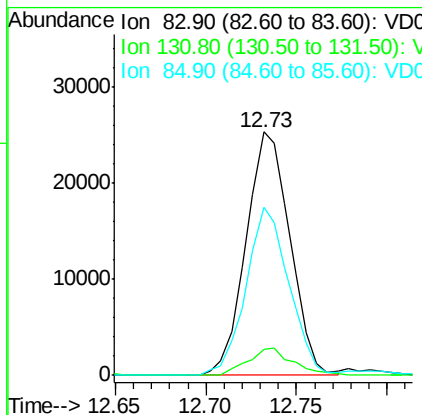
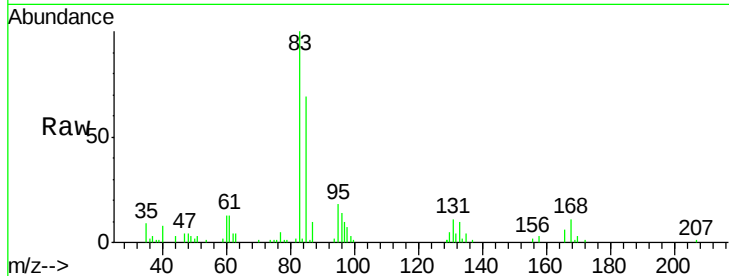
ClientSampleId :

VD0807SBS01

Tot Ion:	83	Resp:	42747
Ion	Ratio	Lower	Upper
83	100		
131	11.4	6.2	18.6
85	67.3	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.995 ug/l m

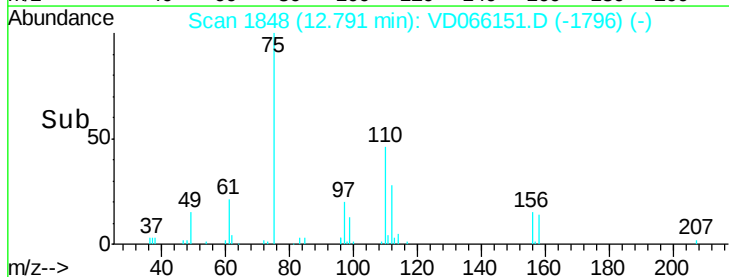
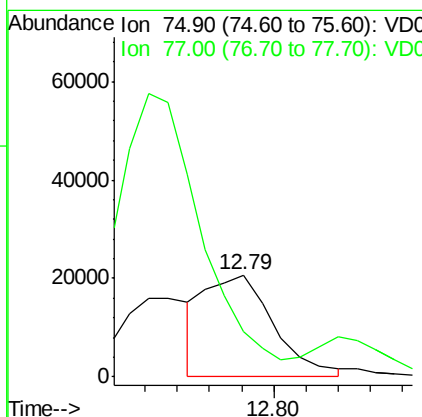
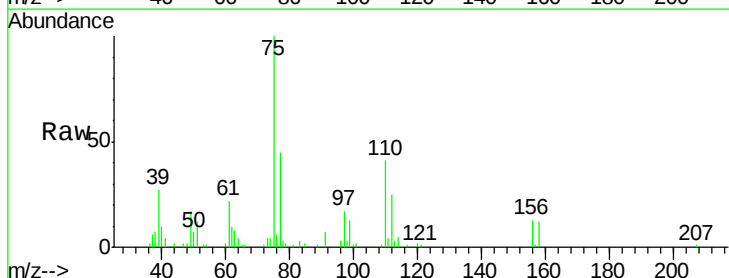
RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	75	Resp:	31080
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.184 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

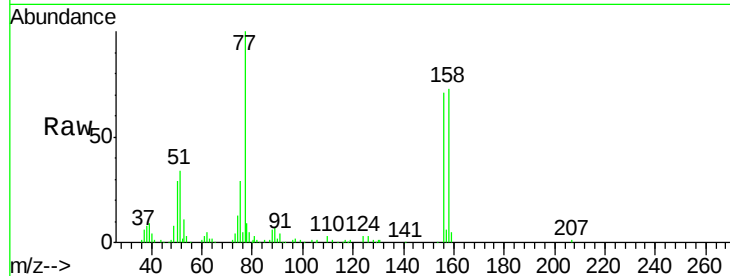
ClientSampleId :

VD0807SBSD01

Tot Ion:	156	Resp:	68274
Ion	Ratio	Lower	Upper
156	100		
77	159.0	81.0	243.1
158	97.4	48.8	146.3

Manual Integrations
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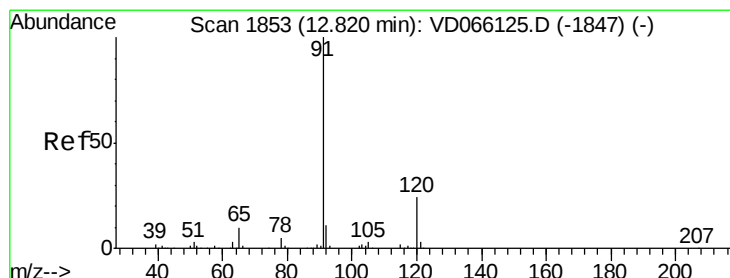
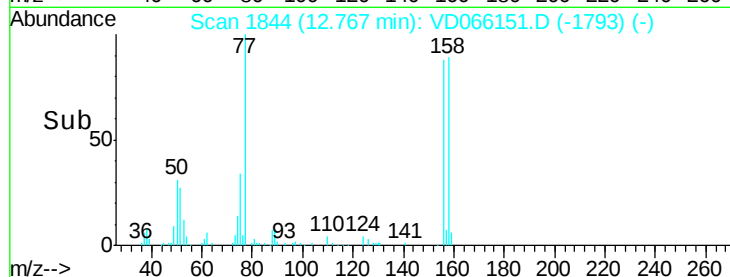
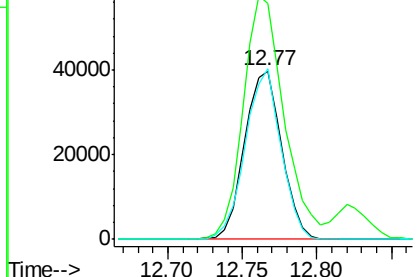
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.643 ug/l

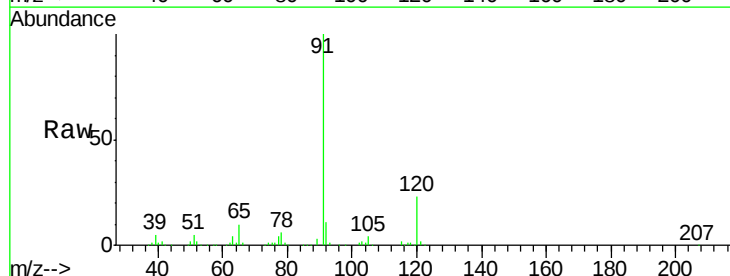
RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066151.D

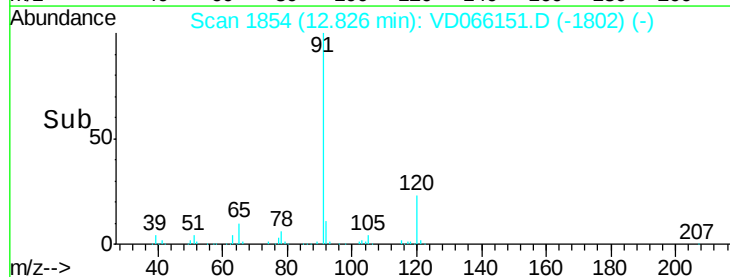
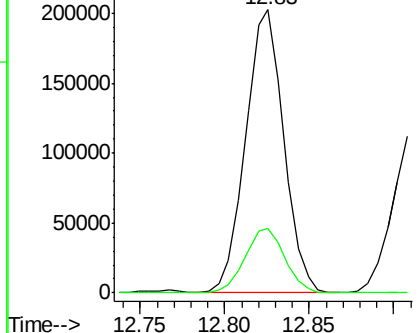
Acq: 07 Aug 2020 12:12

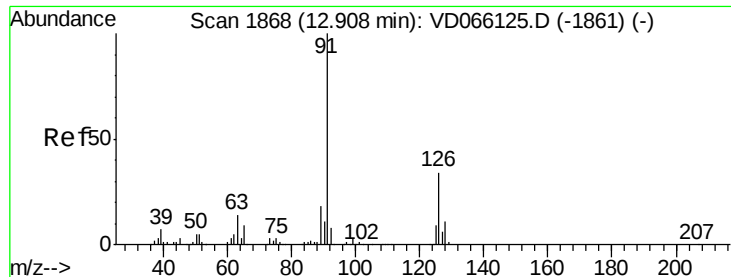
Tgt Ion:	91	Resp:	315675
Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.868 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 91 Resp: 182611

Ion Ratio Lower Upper

91 100

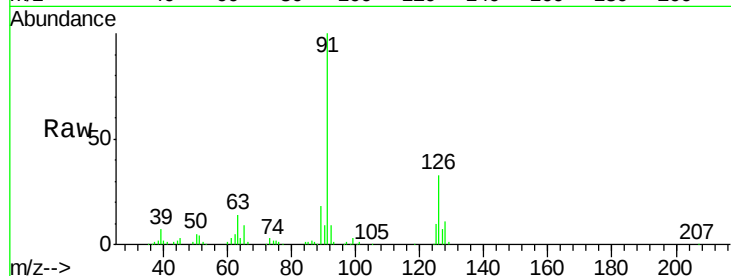
126 35.2 17.5 52.6

Manual Integrations

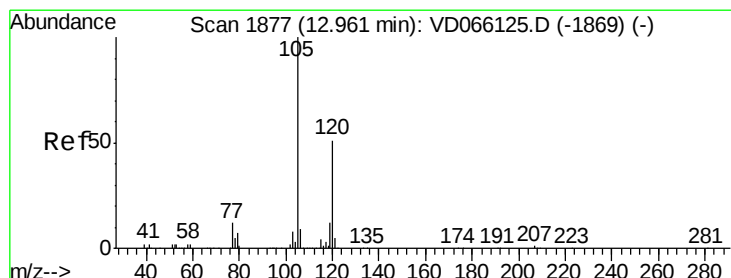
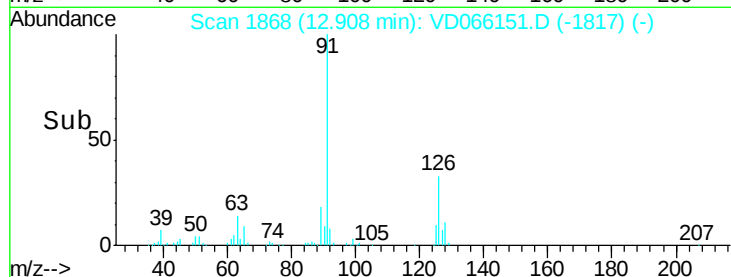
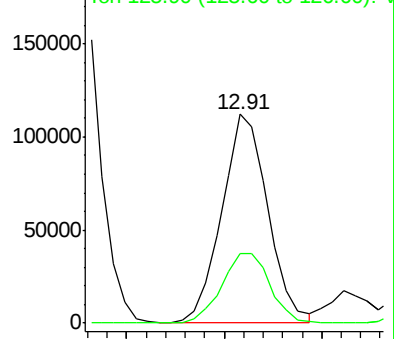
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Abundance Ion 91.00 (90.70 to 91.70): VD066151.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.774 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066151.D

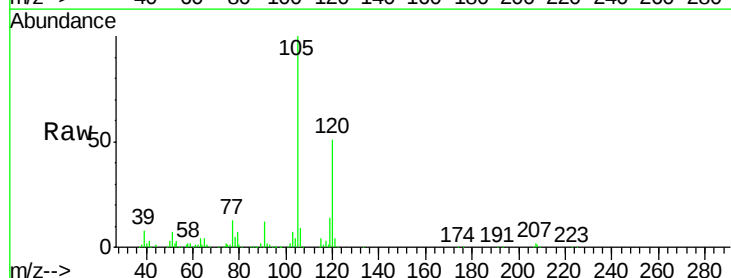
Acq: 07 Aug 2020 12:12

Tgt Ion: 105 Resp: 228625

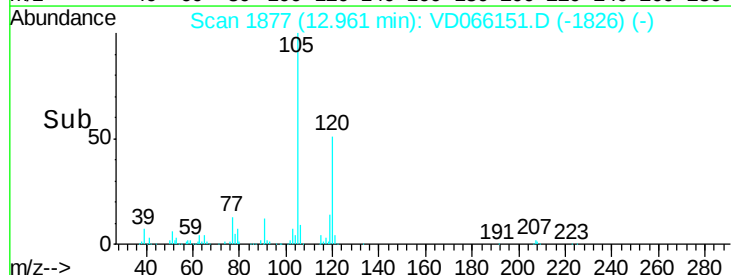
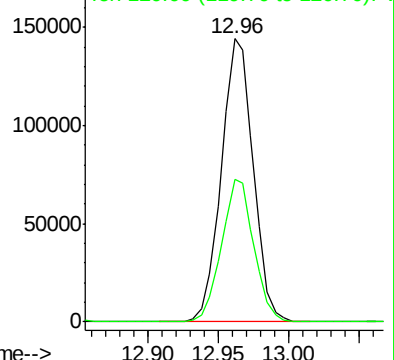
Ion Ratio Lower Upper

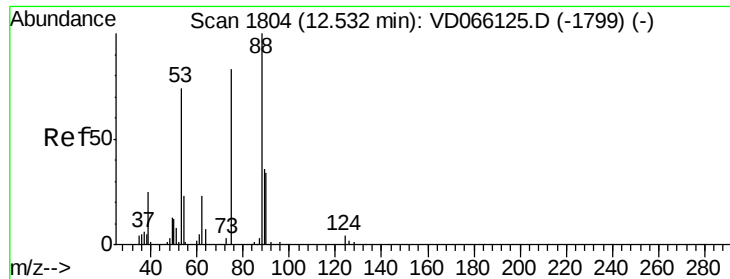
105 100

120 50.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066151.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.352 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

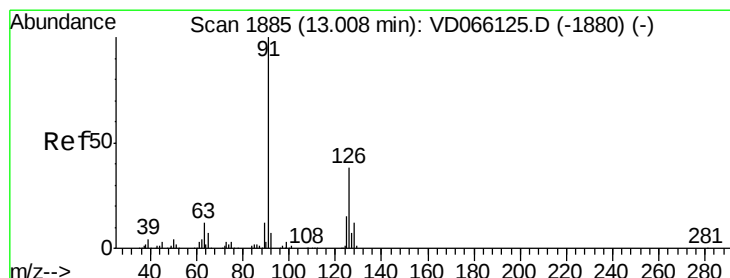
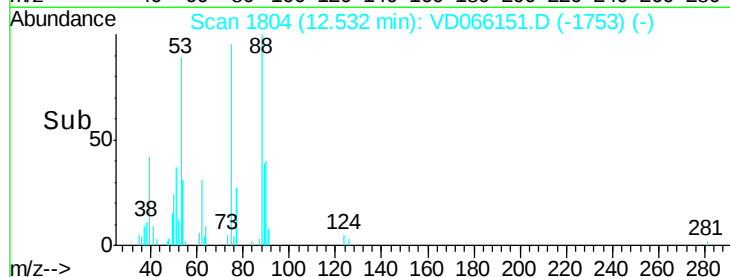
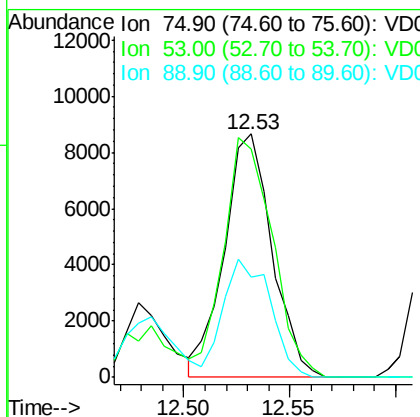
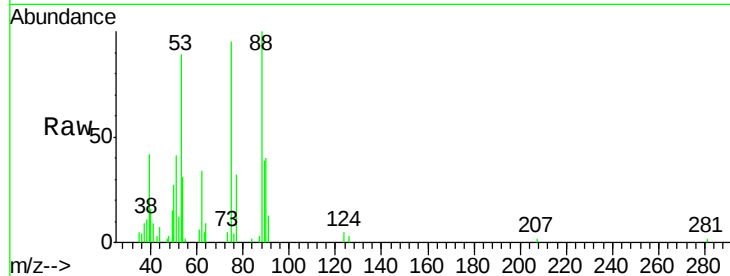
ClientSampleId :

VD0807SBS01

Tot Ion:	75	Resp:	13557
Ion	Ratio	Lower	Upper
75	100		
53	100.9	73.4	110.2
89	48.0	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.836 ug/l

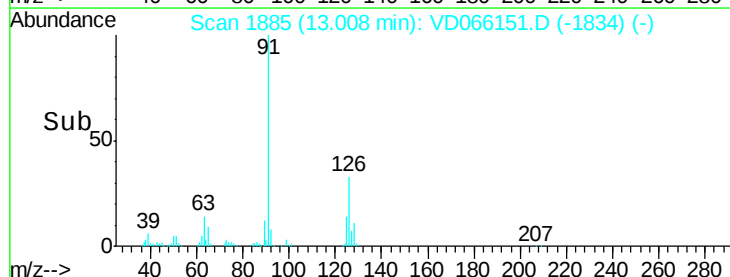
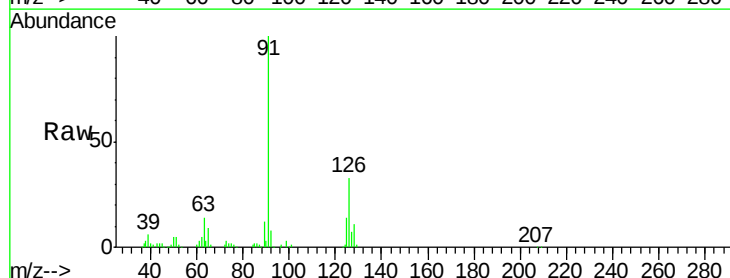
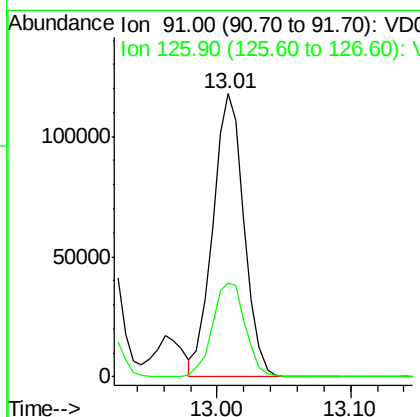
RT: 13.01 min Scan# 1885

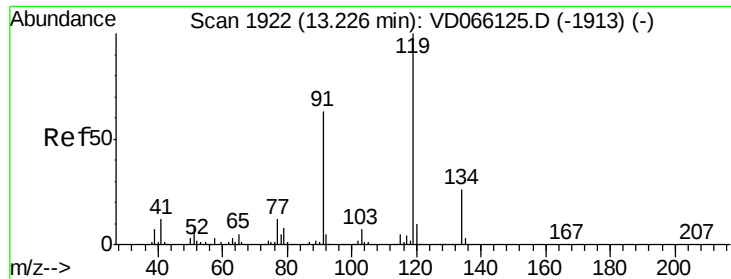
Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	91	Resp:	192462
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.8	53.3





#83

tert-Butylbenzene

Concen: 18.968 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

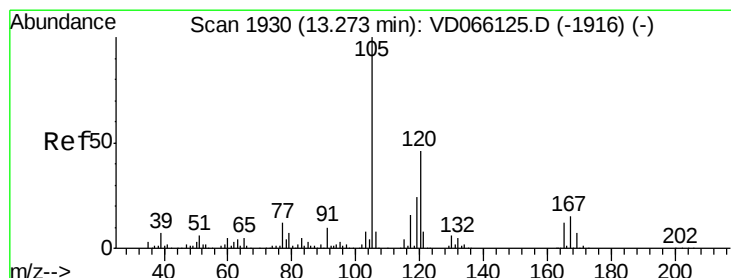
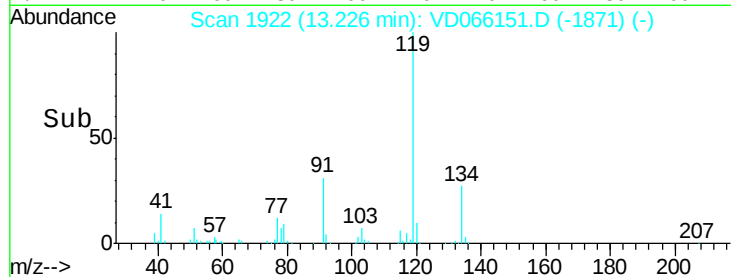
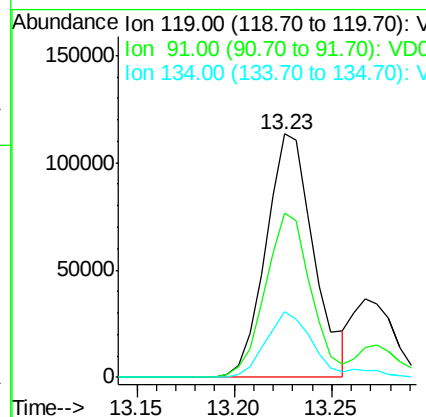
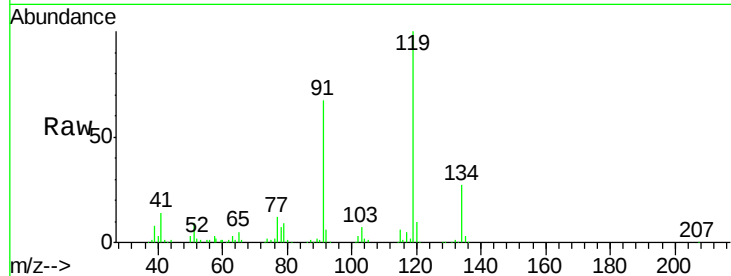
ClientSampleId :

VD0807SBS01

Tot Ion:	119	Resp:	192865
Ion Ratio	Lower	Upper	
119	100		
91	64.2	30.8	92.4
134	25.4	13.6	40.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.210 ug/l

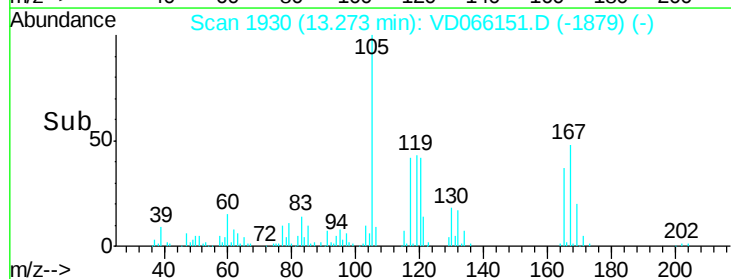
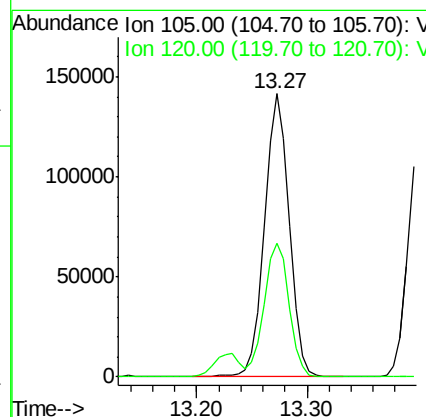
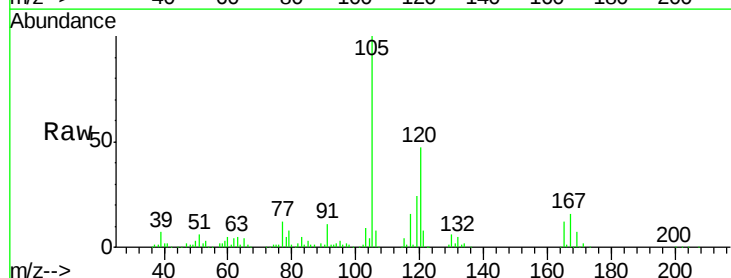
RT: 13.27 min Scan# 1930

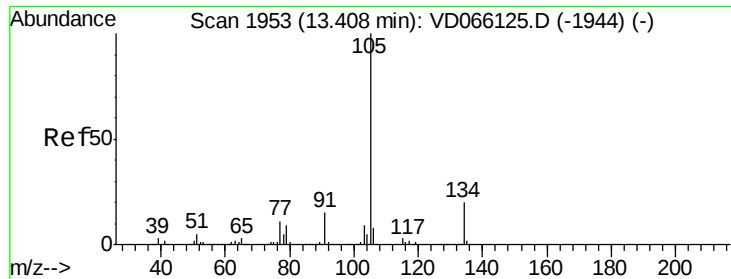
Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Tgt Ion:	105	Resp:	222270
Ion Ratio	Lower	Upper	
105	100		
120	47.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.786 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion:105 Resp: 271617

Ion Ratio Lower Upper

105 100

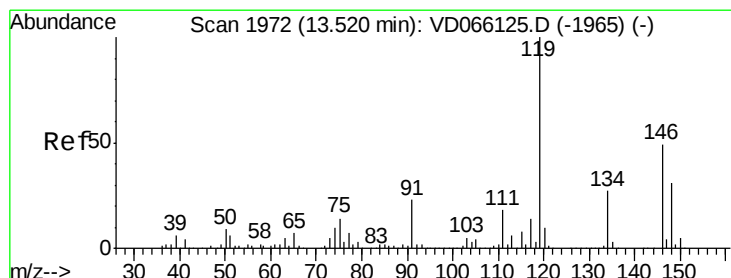
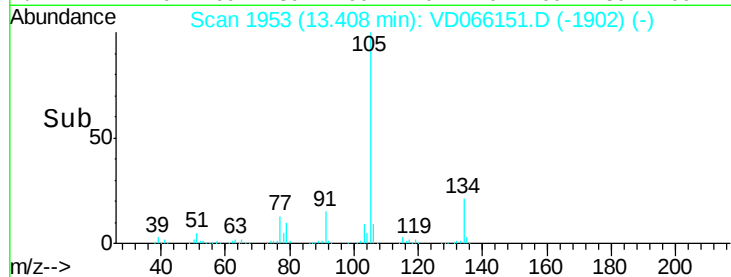
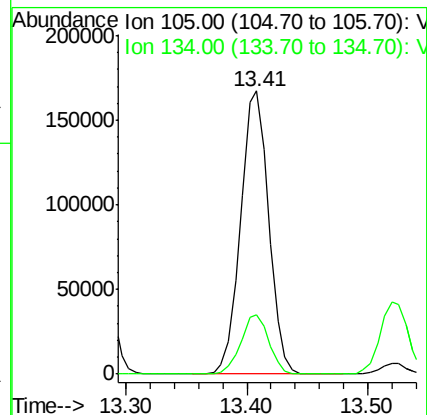
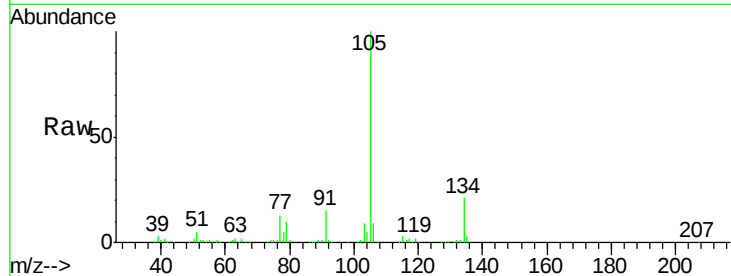
134 21.0 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.897 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066151.D

Acq: 07 Aug 2020 12:12

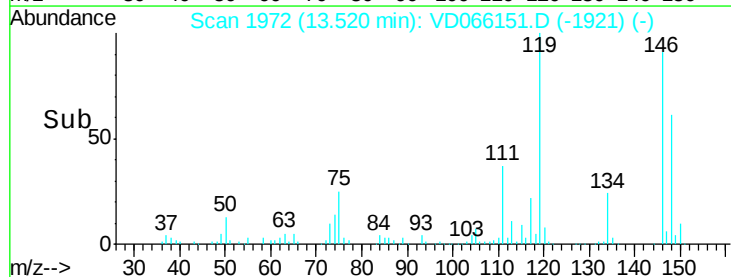
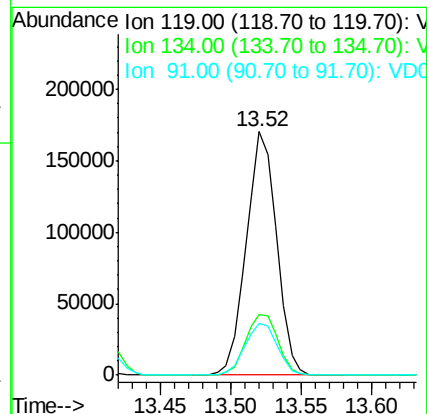
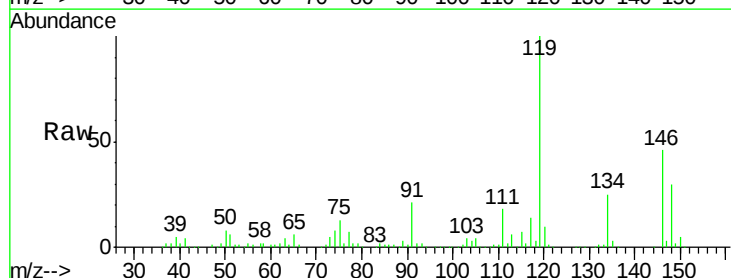
Tgt Ion:119 Resp: 256190

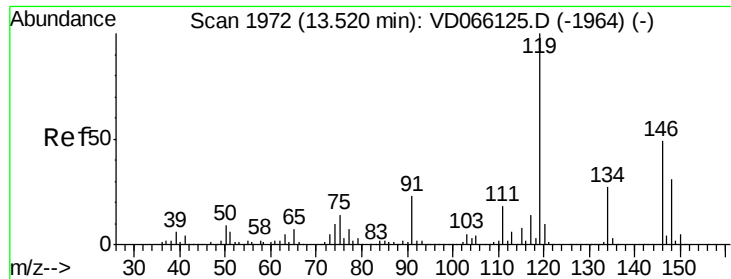
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.8 11.2 33.5





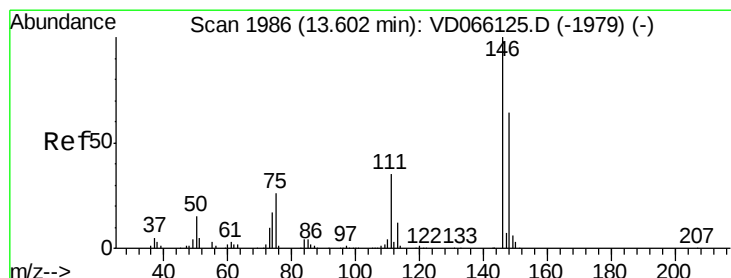
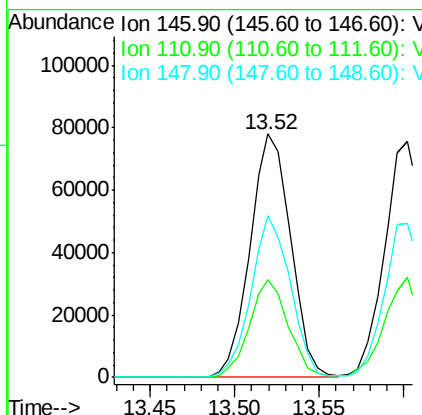
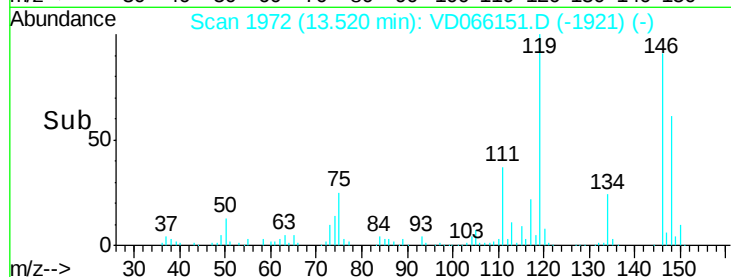
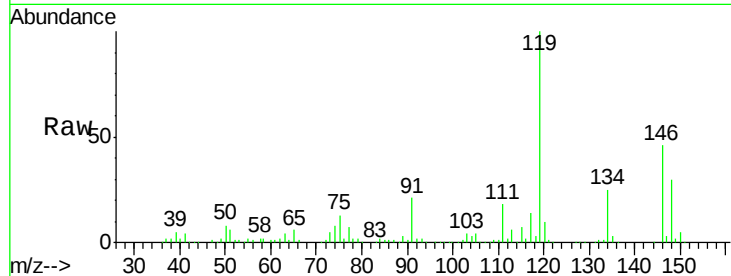
#87
 1,3-Dichlorobenzene
 Concen: 19.456 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	64.6	31.8	95.3

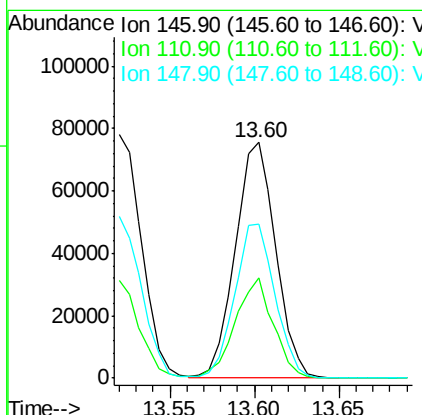
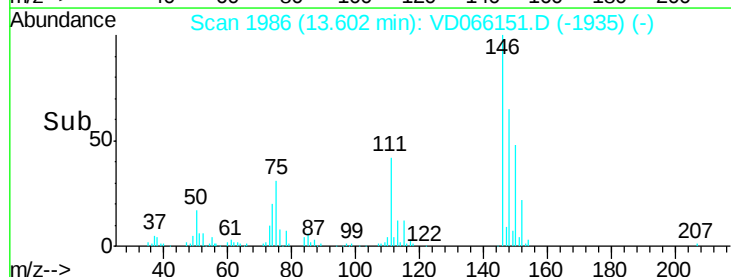
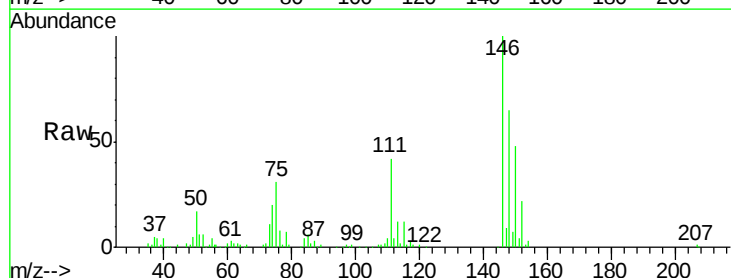
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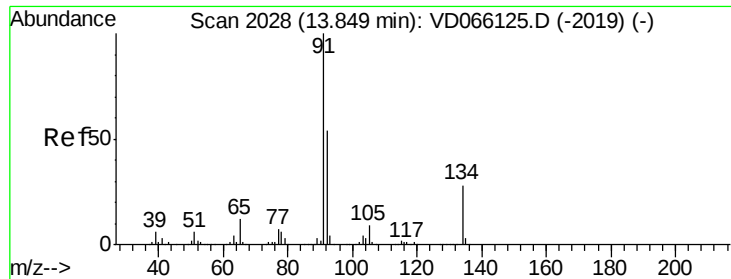
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#88
 1,4-Dichlorobenzene
 Concen: 18.871 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	18.6	55.8
148	64.9	32.4	97.0





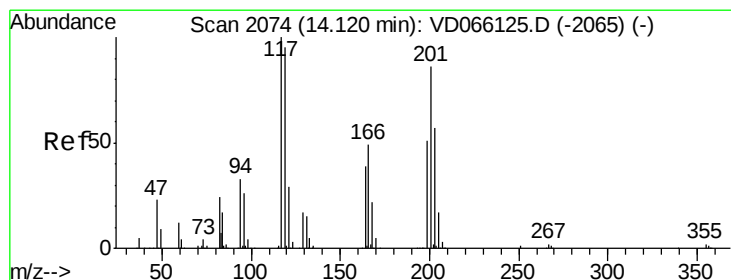
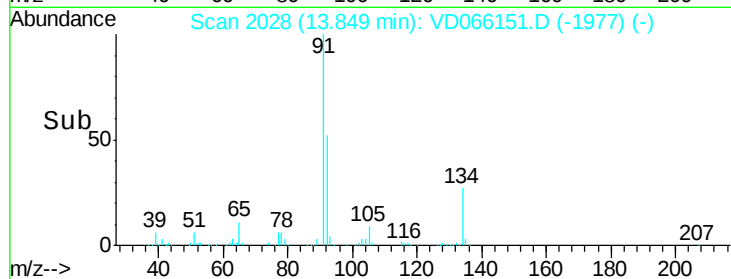
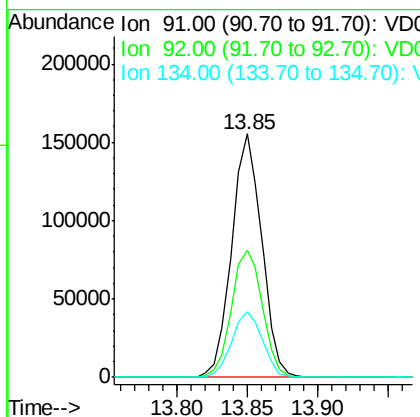
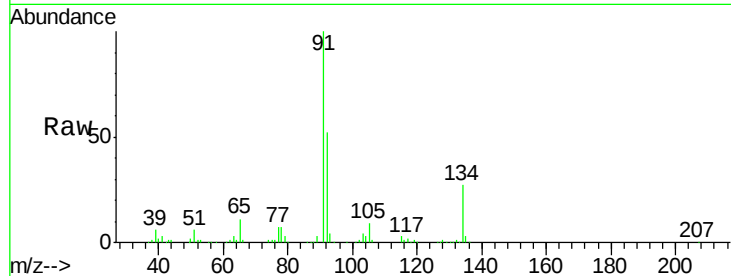
#89
n-Butylbenzene
Concen: 19.967 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.6	26.8	80.3	
134	27.5	14.0	41.9	

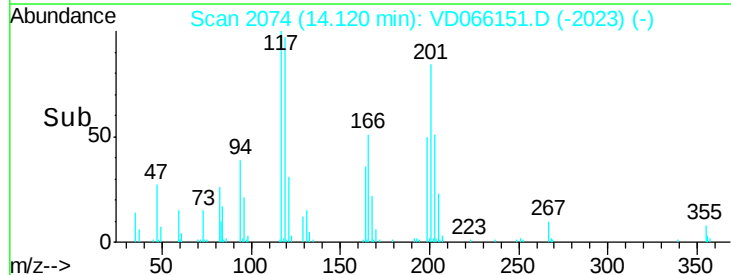
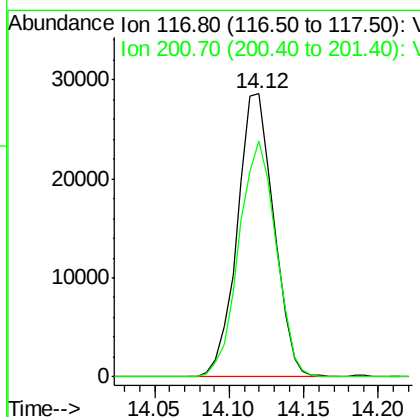
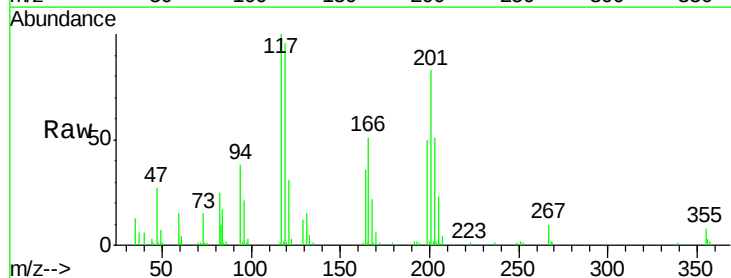
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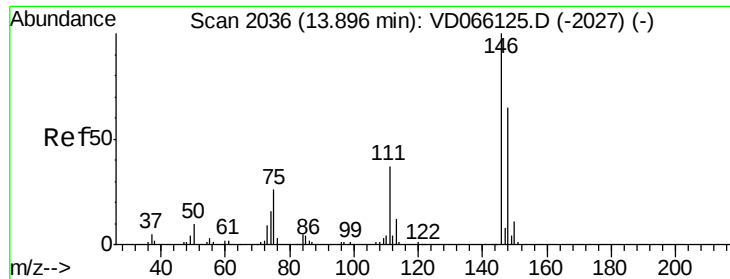
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#90
Hexachloroethane
Concen: 18.916 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	84.6	42.7	128.1	





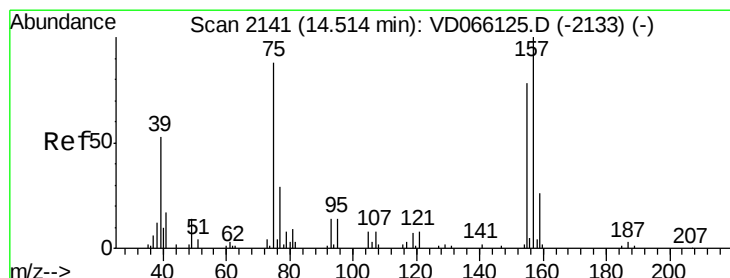
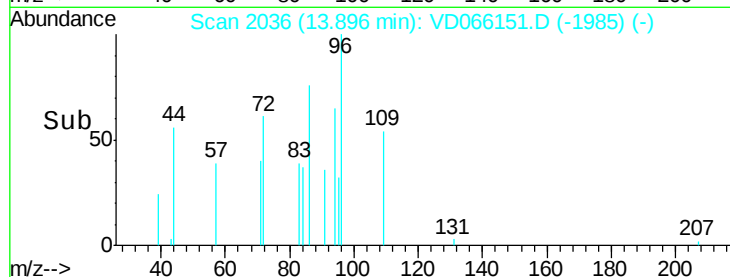
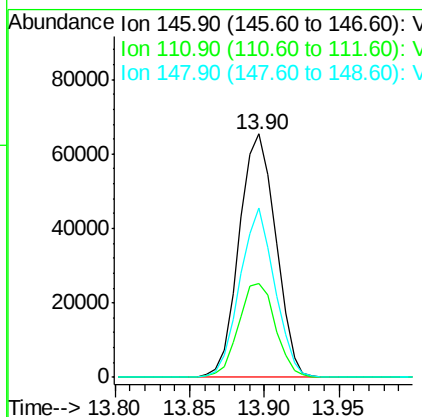
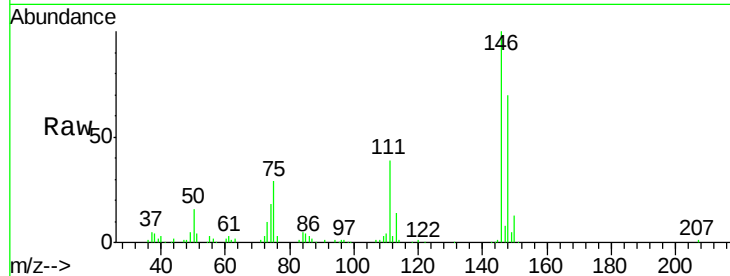
#91
 1,2-Dichlorobenzene
 Concen: 18.834 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.3
148	66.4	31.9	95.5

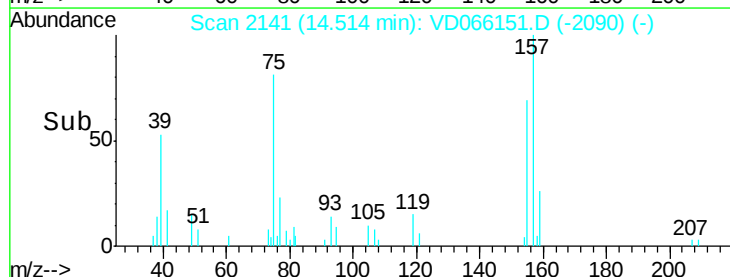
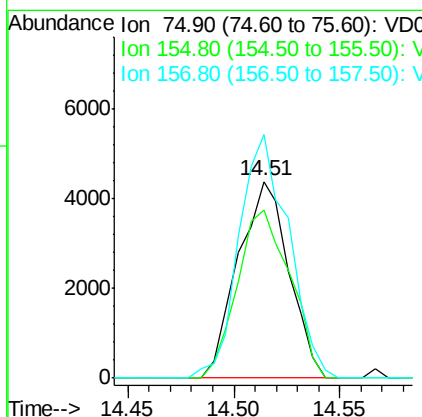
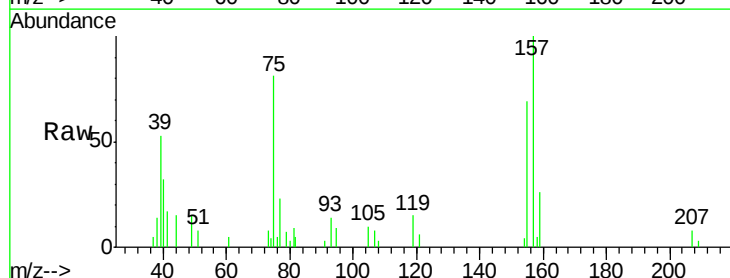
Manual Integrations
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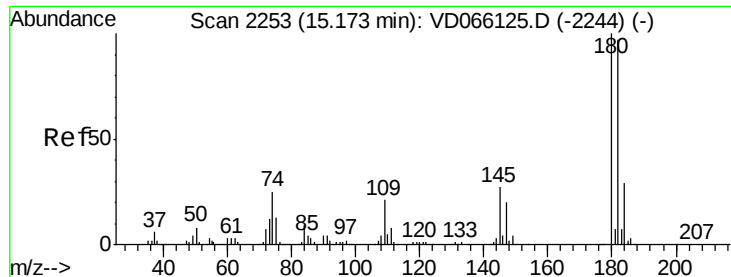
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 8/10/2020 12:24:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.030 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	47.7	143.1
157	120.6	62.1	186.2





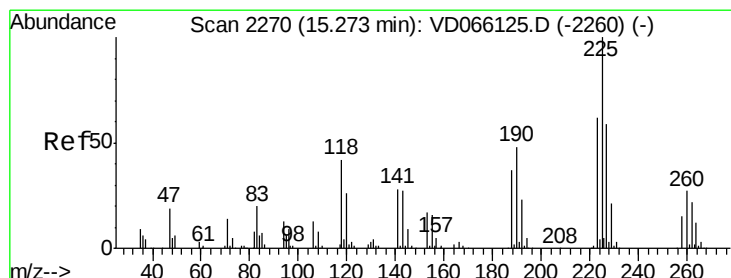
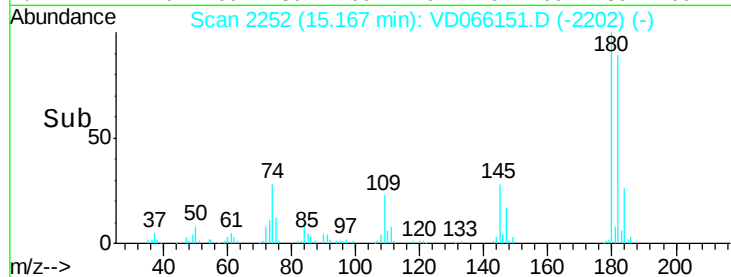
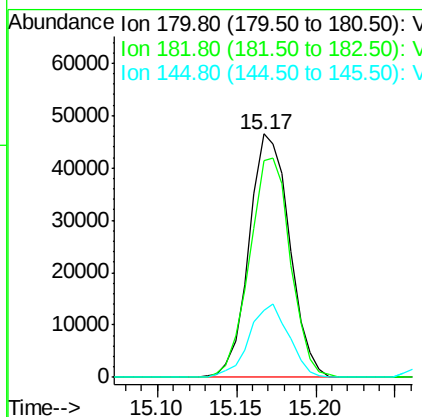
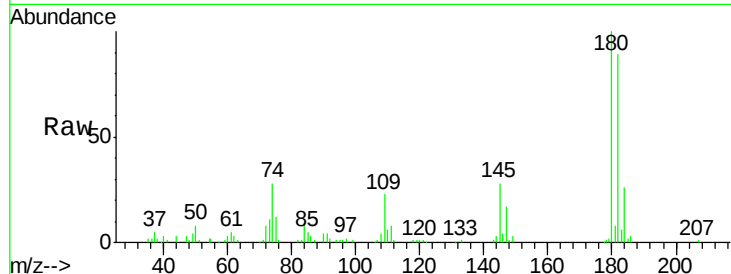
#93
 1,2,4-Trichlorobenzene
 Concen: 18.940 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82564		
182	91.2	47.4	142.2	
145	29.5	14.5	43.6	

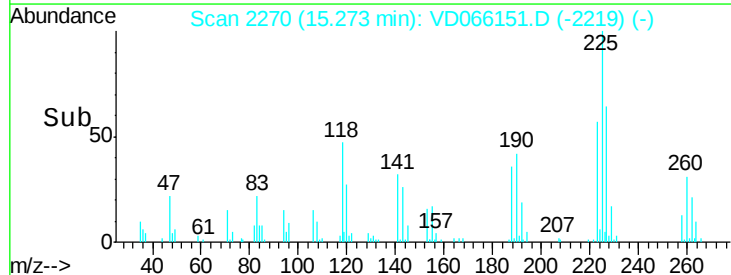
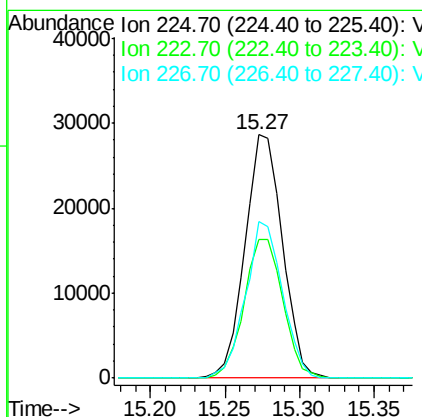
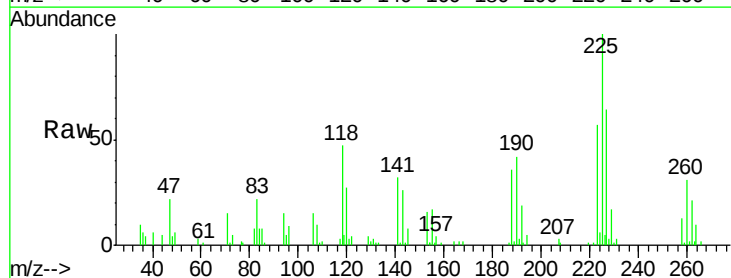
Manual Integrations
 APPROVED

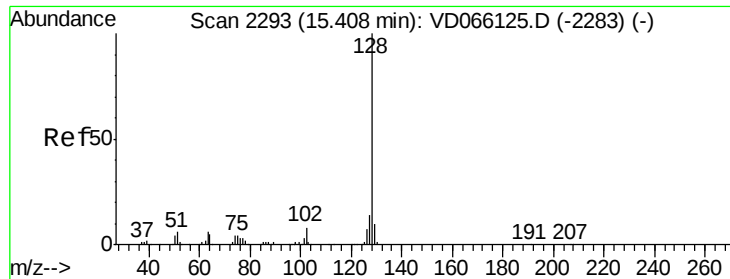
MMDadoda
 8/10/2020 12:24:12 PM



#94
 Hexachlorobutadiene
 Concen: 19.354 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066151.D
 Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49680		
223	59.0	32.3	96.9	
227	63.1	32.1	96.5	





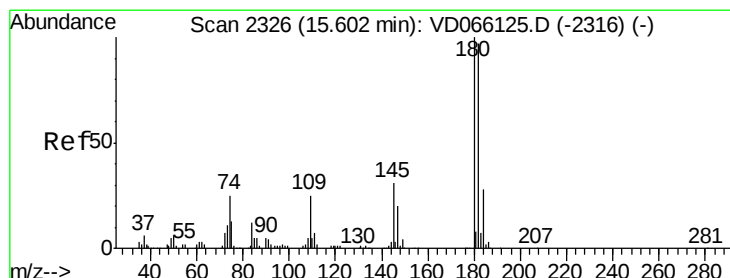
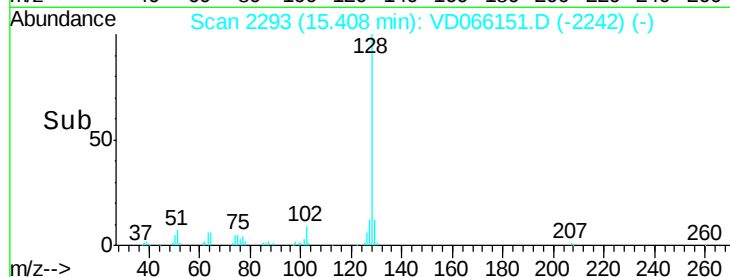
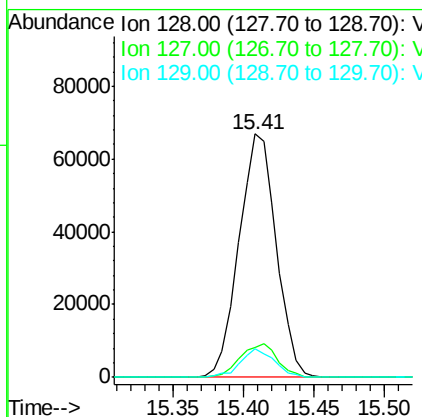
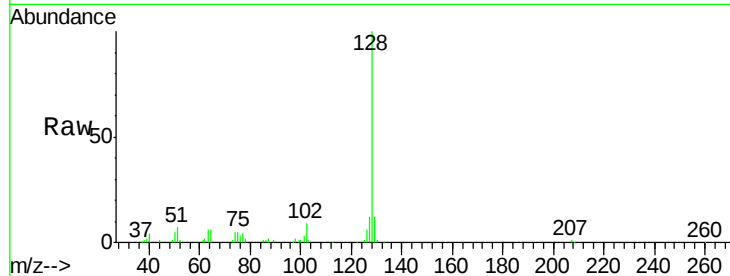
#95
Naphthalene
Concen: 17.373 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	123397		
127	13.7		11.0	16.4
129	10.8		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.874 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066151.D
Acq: 07 Aug 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68783		
182	92.4		47.1	141.4
145	31.4		14.9	44.9

