

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080520\
 Data File : VD066128.D
 Acq On : 05 Aug 2020 13:49
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSV080520

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:54:31 PM

Quant Time: Aug 06 03:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	355562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	511723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	472939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	169299	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	7.91	113	174131	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.34	98	646304	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.63	95	227654	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	145459	46.434	ug/l	100
3) Chloromethane	2.20	50	114814	47.116	ug/l	97
4) Vinyl Chloride	2.34	62	107637	49.892	ug/l	98
5) Bromomethane	2.76	94	71051	49.639	ug/l	95
6) Chloroethane	2.91	64	64354	48.595	ug/l	96
7) Trichlorofluoromethane	3.26	101	278838	49.575	ug/l	99
8) Diethyl Ether	3.70	74	83483	52.603	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	168132	50.369	ug/l	99
10) Methyl Iodide	4.29	142	159314	52.099	ug/l	98
11) Tert butyl alcohol	5.22	59	60986	258.805	ug/l	99
12) 1,1-Dichloroethene	4.06	96	158277	50.264	ug/l	98
13) Acrolein	3.92	56	59665	236.300	ug/l	98
14) Allyl chloride	4.71	41	248451	52.081	ug/l	99
15) Acrylonitrile	5.42	53	178365	266.708	ug/l	98
16) Acetone	4.15	43	157968	262.452	ug/l	96
17) Carbon Disulfide	4.40	76	504919	50.431	ug/l	95
18) Methyl Acetate	4.71	43	77083	50.420	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	377916	52.361	ug/l	100
20) Methylene Chloride	4.96	84	180148	52.334	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	185649	51.322	ug/l	92
22) Diisopropyl ether	6.36	45	498845	52.879	ug/l	95
23) Vinyl Acetate	6.30	43	1486778	269.019	ug/l	100
24) 1,1-Dichloroethane	6.26	63	296040	50.707	ug/l	98
25) 2-Butanone	7.21	43	223427	252.382	ug/l	99
26) 2,2-Dichloropropane	7.20	77	265938	50.823	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	195996	51.657	ug/l	100
28) Bromochloromethane	7.55	49	106614	51.994	ug/l	99
29) Tetrahydrofuran	7.56	42	142538	259.877	ug/l	100
30) Chloroform	7.71	83	312448	50.968	ug/l	100
31) Cyclohexane	7.98	56	272087	48.959	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	290835	50.599	ug/l	99
36) 1,1-Dichloropropene	8.11	75	246412	51.244	ug/l	99
37) Ethyl Acetate	7.29	43	102373	53.732	ug/l	97
38) Carbon Tetrachloride	8.10	117	273819	51.063	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	306859	52.789	ug/l	97
40) Benzene	8.35	78	691111	51.809	ug/l	95
41) Methacrylonitrile	7.51	41	47477	42.381	ug/l #	82
42) 1,2-Dichloroethane	8.42	62	201479	51.414	ug/l	99
43) Isopropyl Acetate	8.45	43	200510	53.414	ug/l	99
44) Trichloroethene	9.11	130	207169	51.539	ug/l	89
45) 1,2-Dichloropropane	9.38	63	169454	51.940	ug/l	95
46) Dibromomethane	9.47	93	92409	51.422	ug/l	99
47) Bromodichloromethane	9.66	83	244583	51.495	ug/l	96
48) Methyl methacrylate	9.45	41	96310	50.245	ug/l	91
49) 1,4-Dioxane	9.46	88	24384	1056.141	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	506321	262.584	ug/l	99
52) Toluene	10.40	92	455746	51.921	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	238109	52.826	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	280044	53.028	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	130391	50.389	ug/l	92
56) Ethyl methacrylate	10.66	69	168920	54.340	ug/l	99
57) 1,3-Dichloropropane	10.94	76	222445	51.780	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	354307	253.388	ug/l	100
59) 2-Hexanone	10.98	43	357411	264.111	ug/l	100
60) Dibromochloromethane	11.14	129	180685	50.576	ug/l	98
61) 1,2-Dibromoethane	11.25	107	129796	52.156	ug/l	98
64) Tetrachloroethene	10.87	164	184821	50.892	ug/l	98
65) Chlorobenzene	11.67	112	501629	52.249	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	189805	50.527	ug/l	99
67) Ethyl Benzene	11.75	91	873472	52.501	ug/l	97
68) m/p-Xylenes	11.86	106	664224	103.045	ug/l	98
69) o-Xylene	12.18	106	308214	52.563	ug/l	100
70) Styrene	12.20	104	543515	52.890	ug/l	99
71) Bromoform	12.36	173	112501	50.547	ug/l #	99
73) Isopropylbenzene	12.48	105	855559	53.422	ug/l	99
74) N-amyl acetate	12.29	43	194897	55.264	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	143487	52.543	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	100784m	50.373	ug/l	
77) Bromobenzene	12.77	156	217944	52.865	ug/l	98
78) n-propylbenzene	12.83	91	1006317	54.055	ug/l	100
79) 2-Chlorotoluene	12.91	91	561479	52.734	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	715914	53.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	49777	54.997	ug/l	99
82) 4-Chlorotoluene	13.01	91	592285	52.695	ug/l	100
83) tert-Butylbenzene	13.23	119	634201	53.842	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	711292	53.066	ug/l	99
85) sec-Butylbenzene	13.41	105	861133	54.149	ug/l	100
86) p-Isopropyltoluene	13.52	119	793219	53.181	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	398780	51.467	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	408728	52.894	ug/l	99
89) n-Butylbenzene	13.85	91	729514	54.589	ug/l	99
90) Hexachloroethane	14.12	117	151150	50.811	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	351797	51.339	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24258	51.684	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	264200	52.319	ug/l	98
94) Hexachlorobutadiene	15.28	225	158924	53.444	ug/l	98
95) Naphthalene	15.41	128	452158	54.952	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	234230	52.543	ug/l	98

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

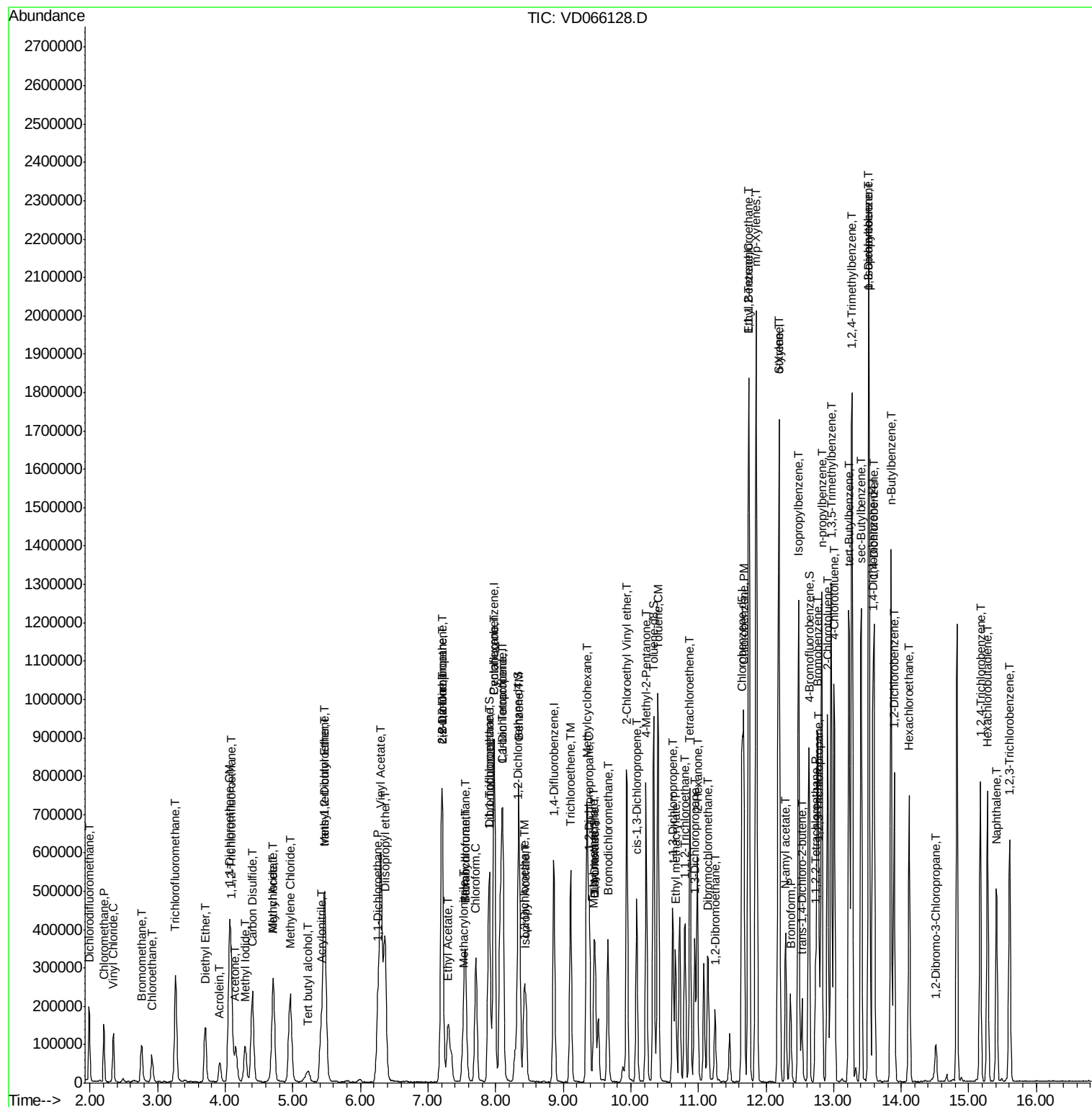
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080520\
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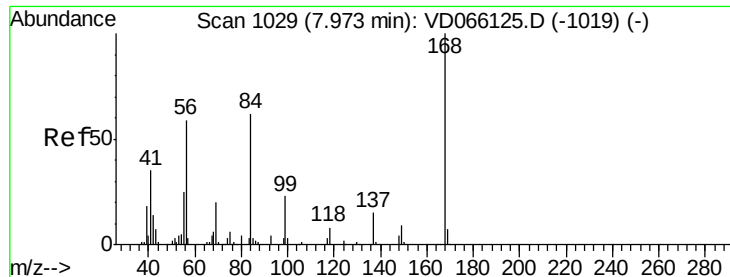
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion:168 Resp: 355562

Ion Ratio Lower Upper

168 100

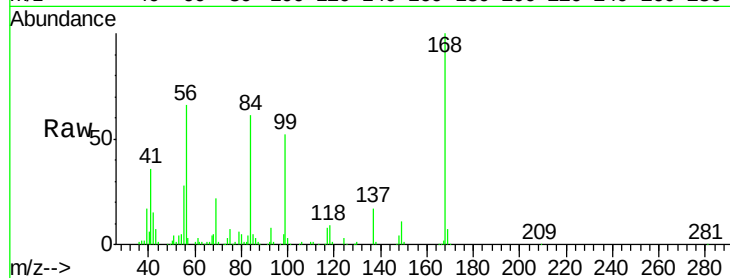
99 51.5 42.2 63.4

Manual Integrations

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8/6/2020 1:54:31 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

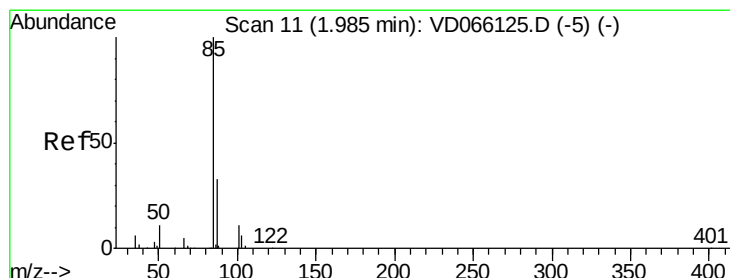
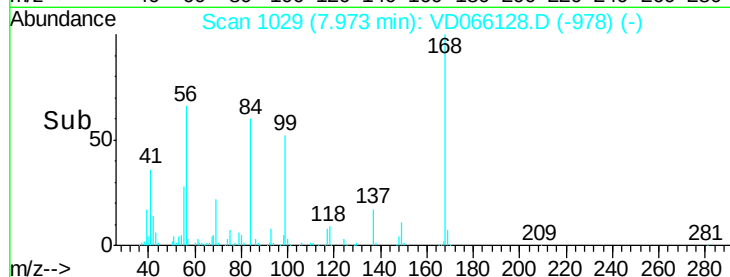
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.434 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066128.D

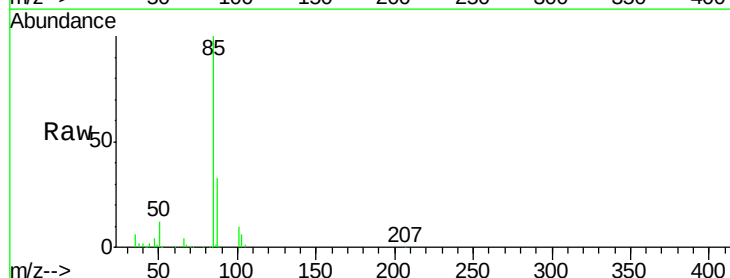
Acq: 05 Aug 2020 13:49

Tgt Ion: 85 Resp: 145459

Ion Ratio Lower Upper

85 100

87 32.6 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

120000

100000

80000

60000

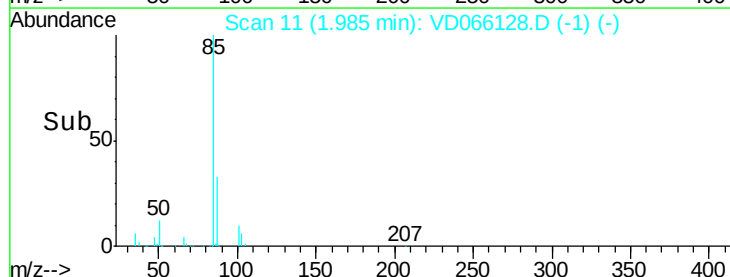
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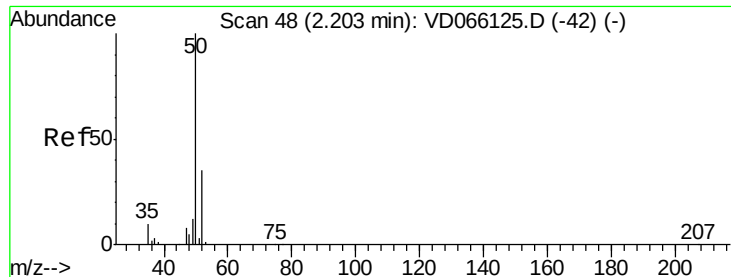
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 47.116 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion: 50 Resp: 114814

Ion Ratio Lower Upper

50 100

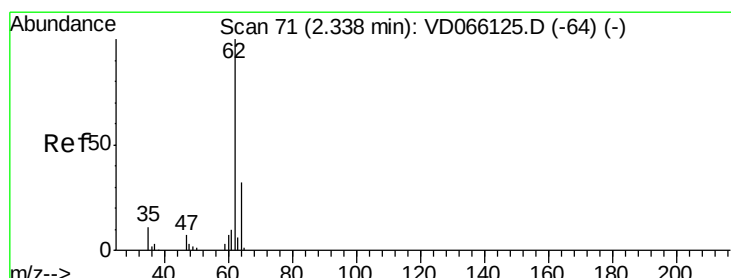
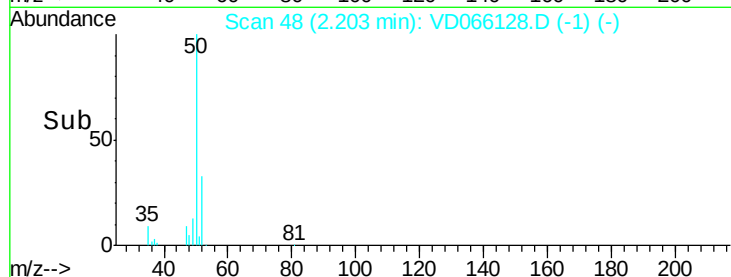
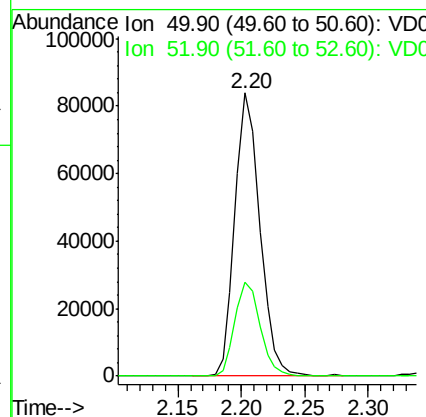
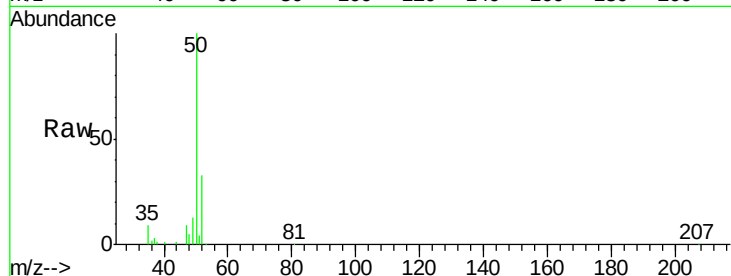
52 33.0 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.892 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066128.D

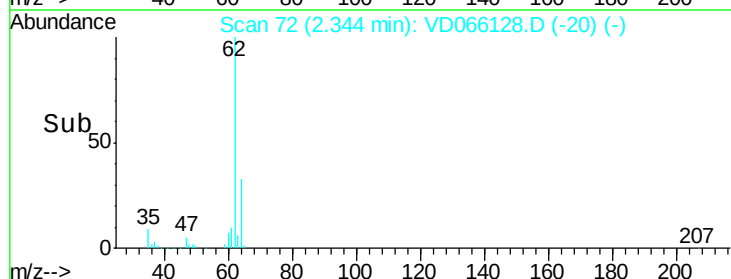
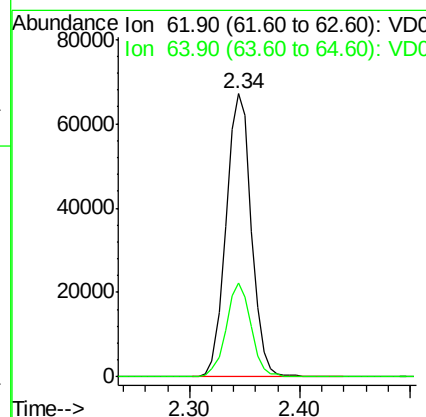
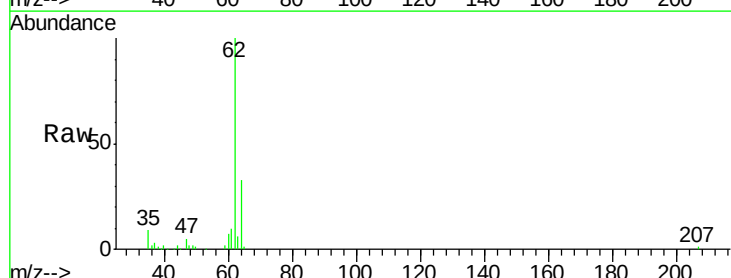
Acq: 05 Aug 2020 13:49

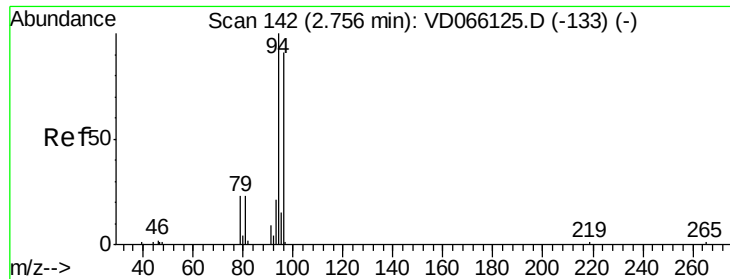
Tgt Ion: 62 Resp: 107637

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8





#5

Bromomethane

Concen: 49.639 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion: 94 Resp: 71051

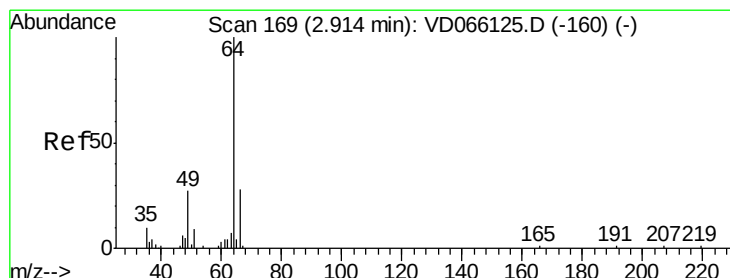
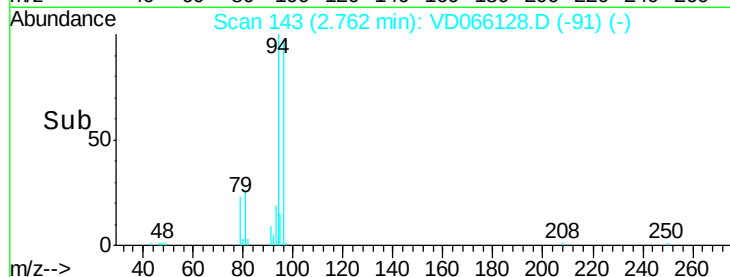
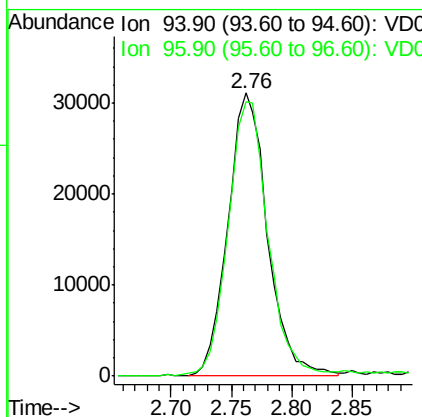
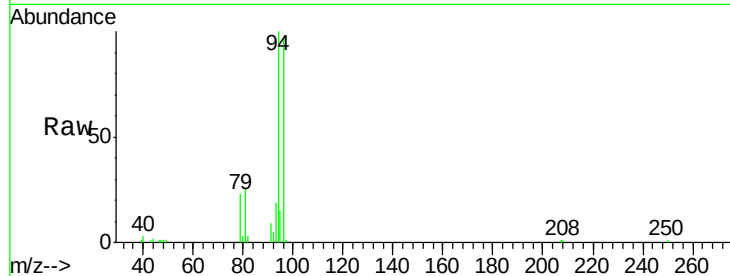
Ion Ratio Lower Upper

94 100

96 95.8 72.6 109.0

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#6

Chloroethane

Concen: 48.595 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066128.D

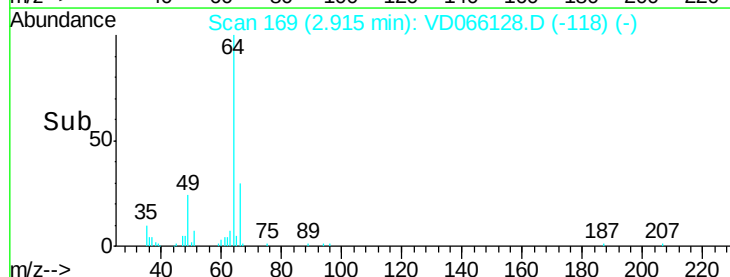
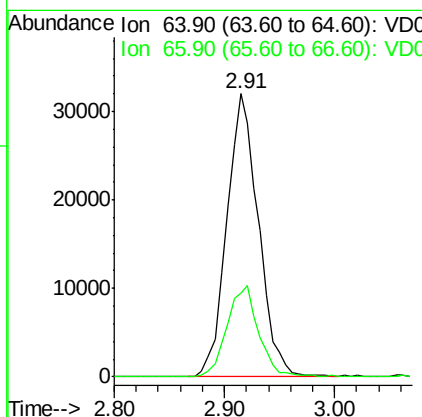
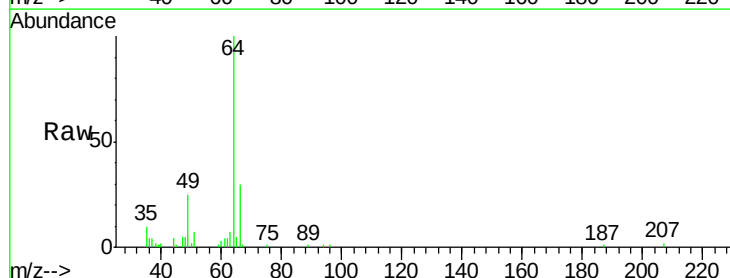
Acq: 05 Aug 2020 13:49

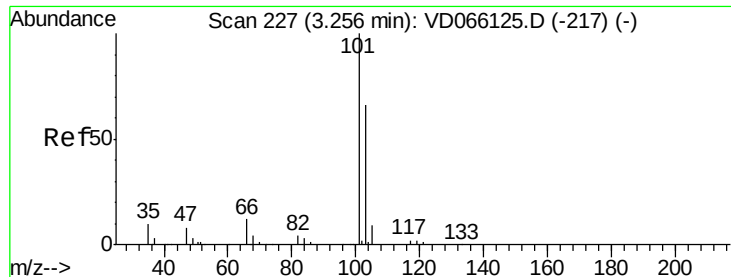
Tgt Ion: 64 Resp: 64354

Ion Ratio Lower Upper

64 100

66 29.6 22.0 33.0





#7

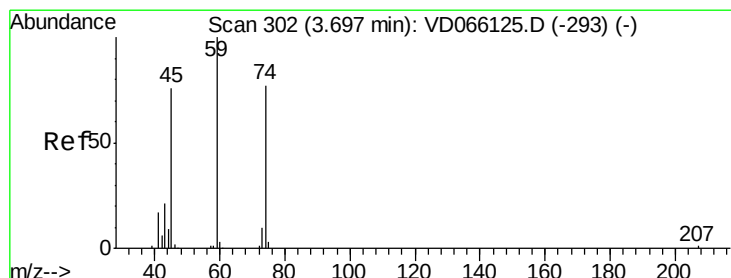
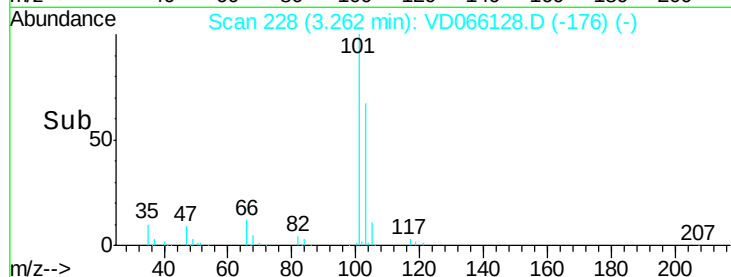
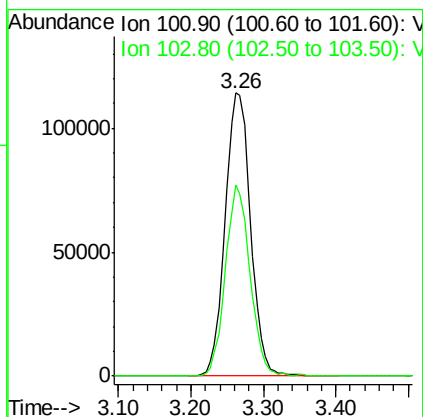
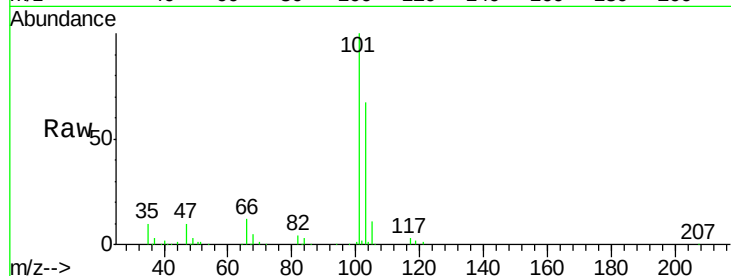
Trichlorofluoromethane
 Concen: 49.575 ug/l
 RT: 3.26 min Scan# 228
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	278838		
103	67.5	53.0	79.6	

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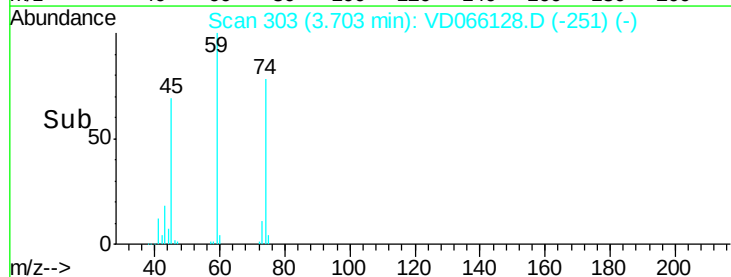
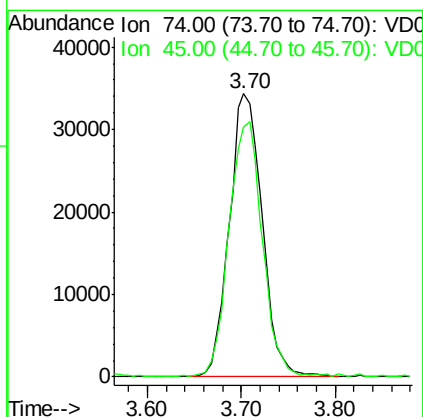
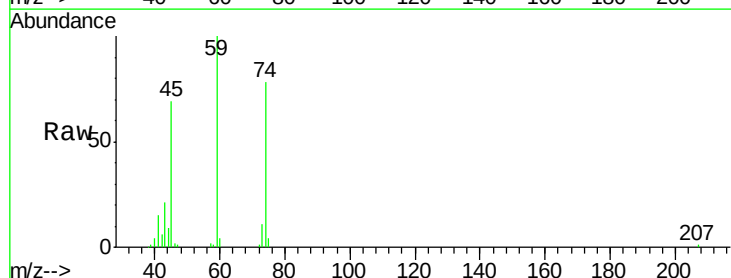
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 8/6/2020 1:54:31 PM

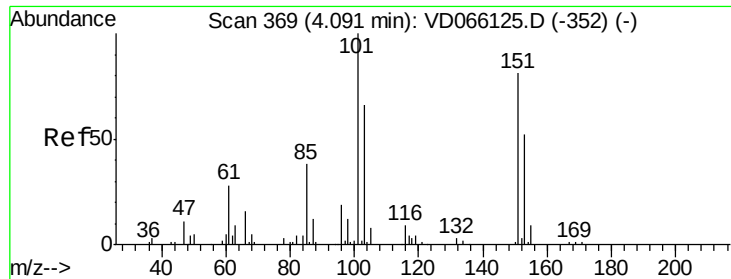


#8

Diethyl Ether
 Concen: 52.603 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	83483		
45	91.5	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.369 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066128.D

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Instrument :

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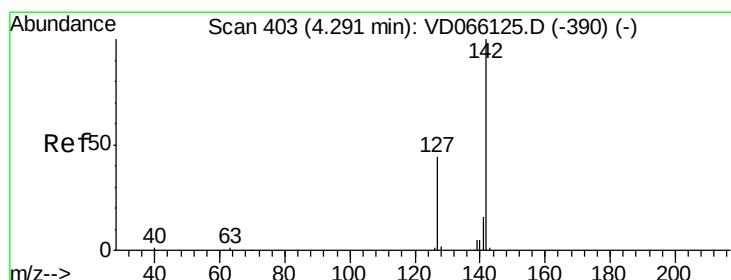
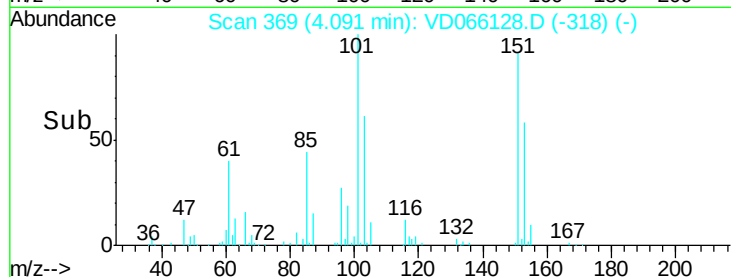
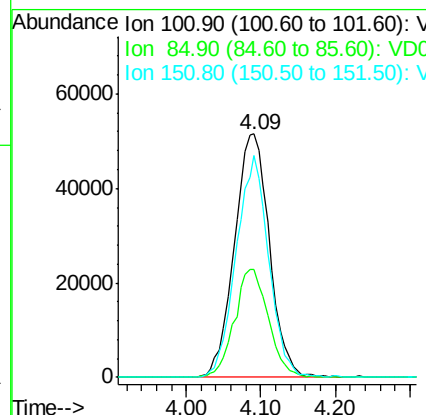
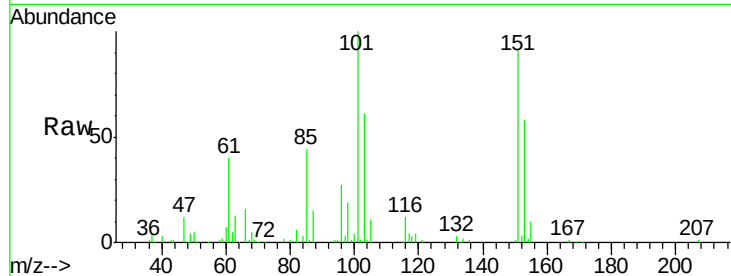
ClientSampleId :

ICVVD080520

Tot Ion:	101	Resp:	168132
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.5	50.3
151	84.7	67.8	101.8

Manual Integrations
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#10

Methyl Iodide

Concen: 52.099 ug/l

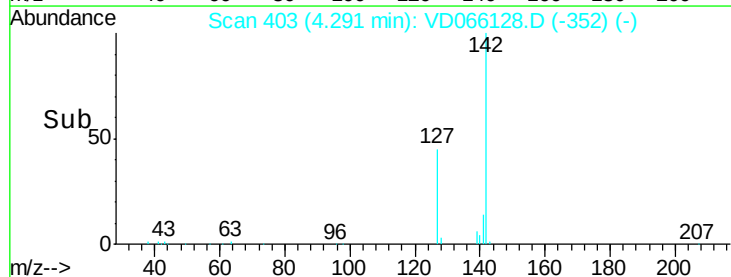
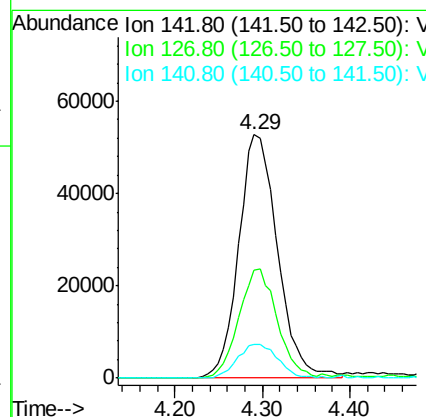
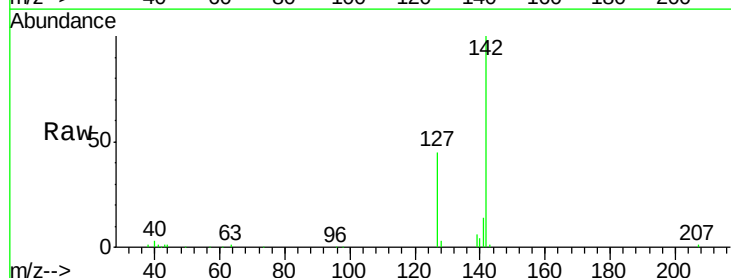
RT: 4.29 min Scan# 403

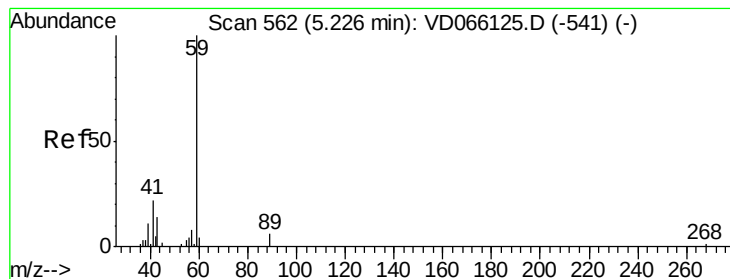
Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion:	142	Resp:	159314
Ion Ratio	Lower	Upper	
142	100		
127	44.0	36.2	54.4
141	14.4	12.6	18.8





#11

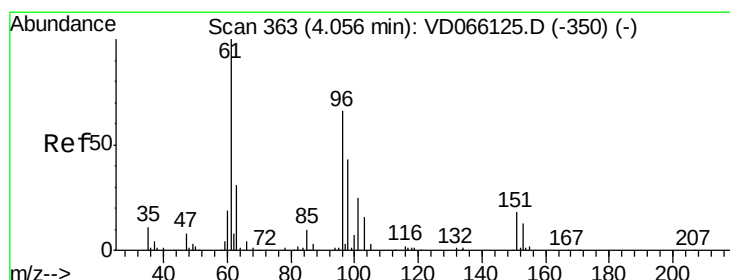
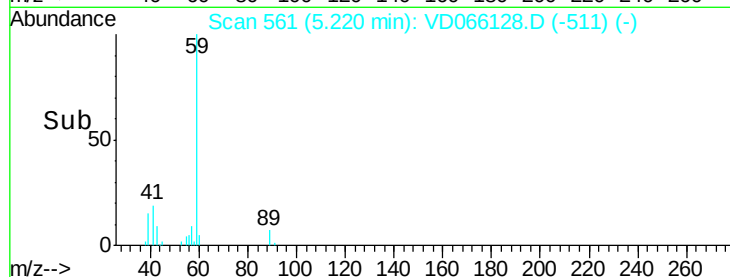
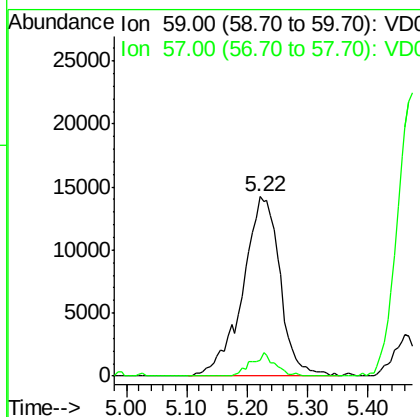
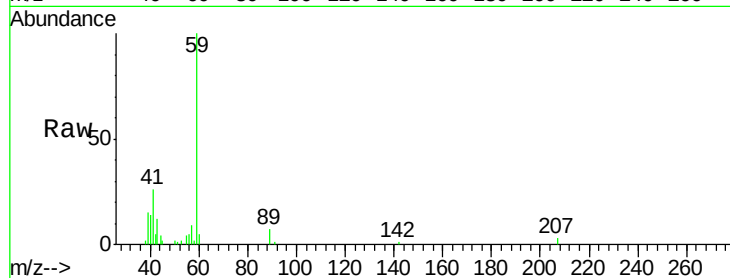
Tert butyl alcohol
 Concen: 258.805 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	59.00 (58.70 to 59.70): VDC	Resp	60986
Ion	Ratio	Lower	Upper
59	100		
57	8.5	7.0	10.4

Manual Integrations
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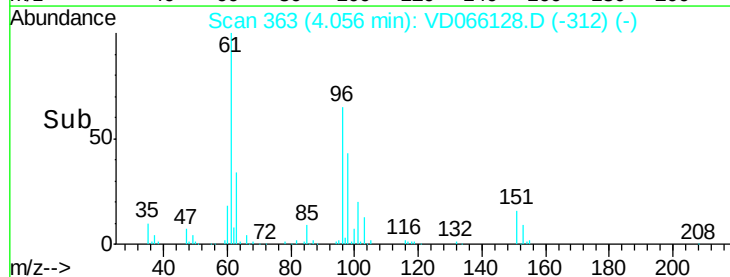
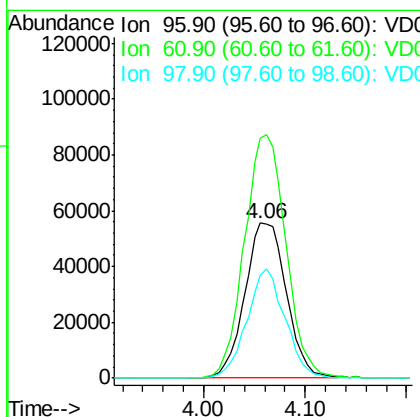
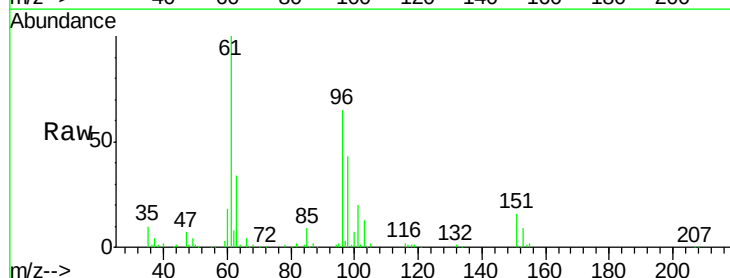
MMDadoda
 8/6/2020 1:54:31 PM

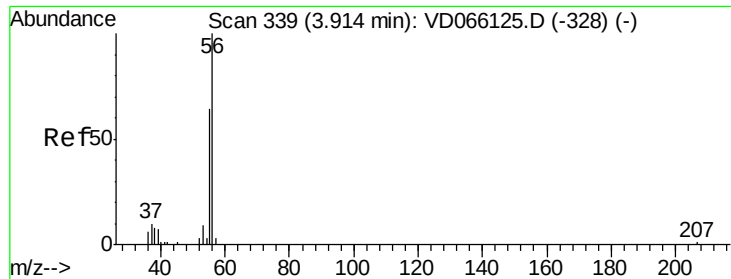


#12

1,1-Dichloroethene
 Concen: 50.264 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	96	Resp	158277
Ion	Ratio	Lower	Upper
96	100		
61	154.8	121.6	182.4
98	66.4	52.0	78.0





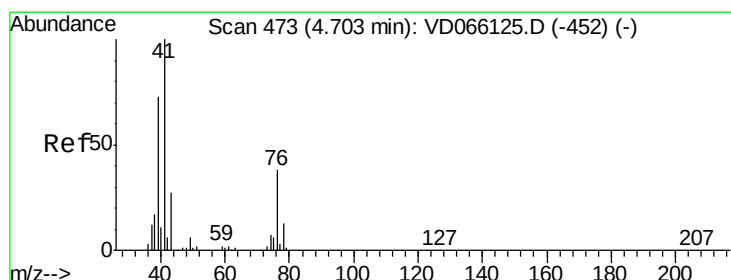
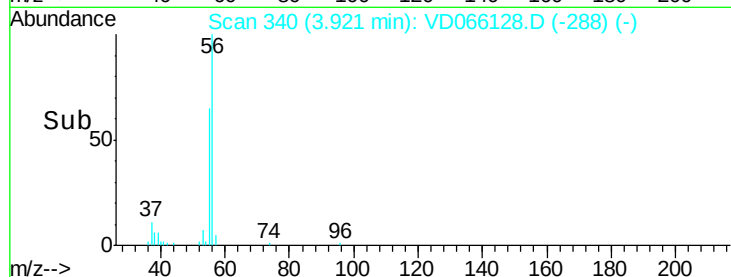
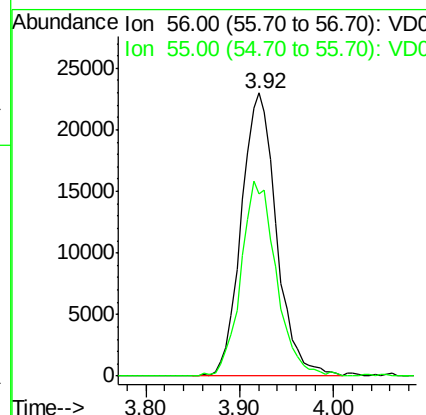
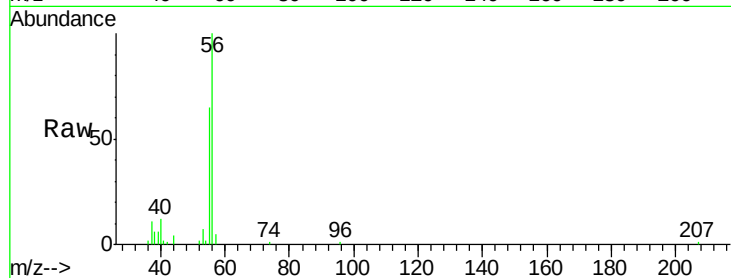
#13
Acrolein
Concen: 236.300 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	56	55	Ratio	Lower	Upper
59665	100	69.2		56.7	85.1

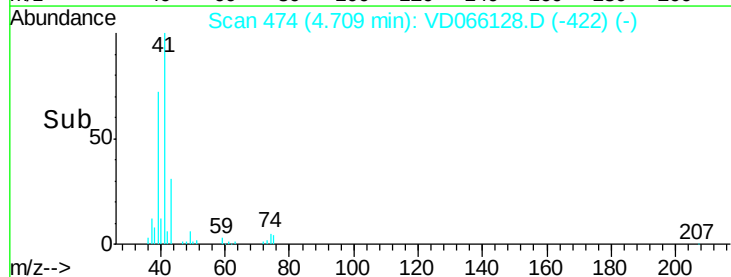
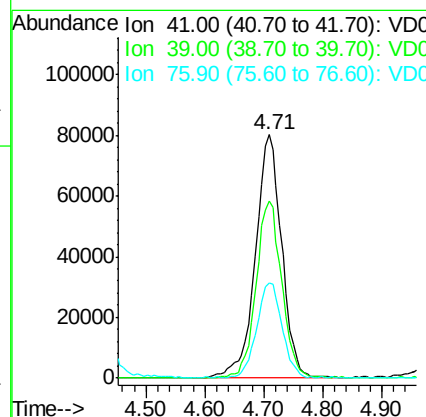
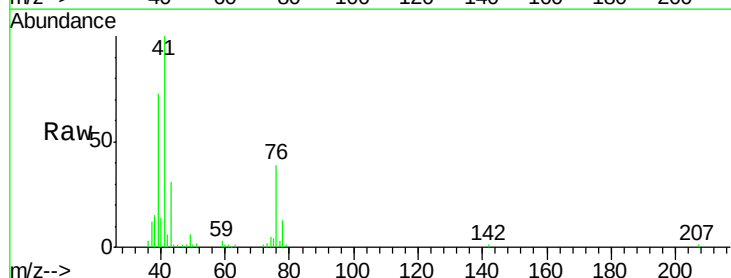
Manual Integrations
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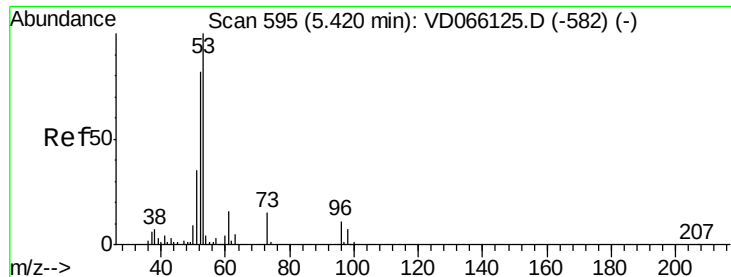
MMDadoda
8/6/2020 1:54:31 PM



#14
Allyl chloride
Concen: 52.081 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	41	39	76	Ratio	Lower	Upper
248451	100	70.9	37.8		57.4	86.0
					30.1	45.1





#15

Acrylonitrile

Concen: 266.708 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

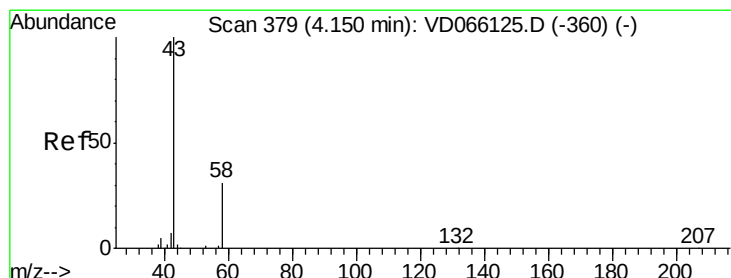
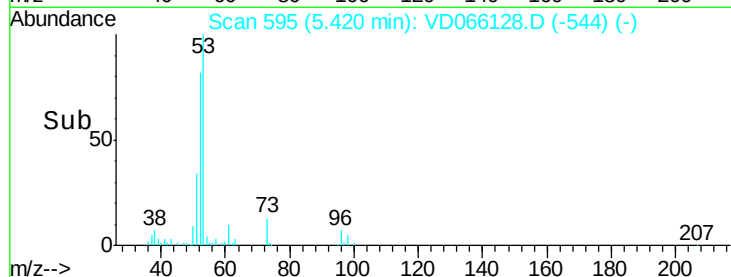
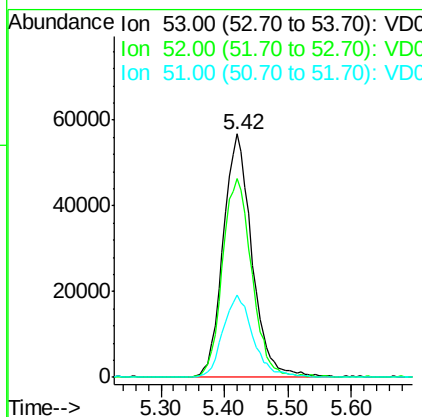
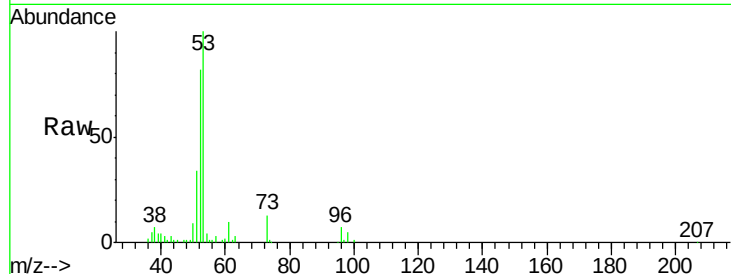
ClientSampleId :

ICVVD080520

Tot Ion:	53	Resp:	178365
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.1	99.1
51	35.6	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 262.452 ug/l

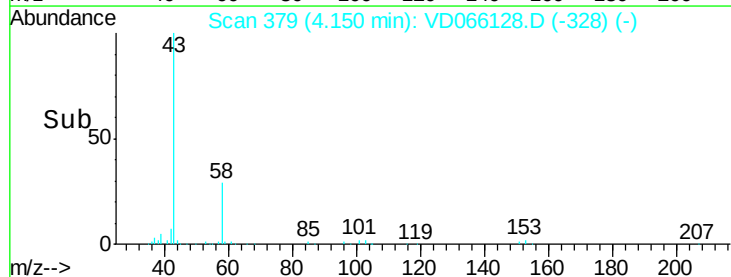
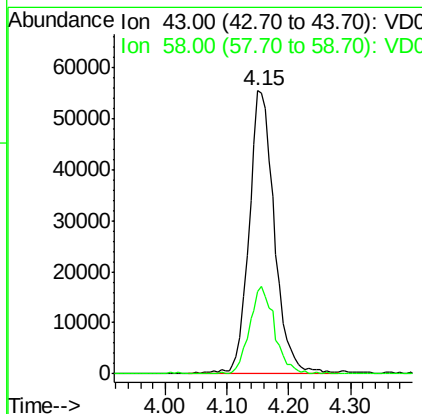
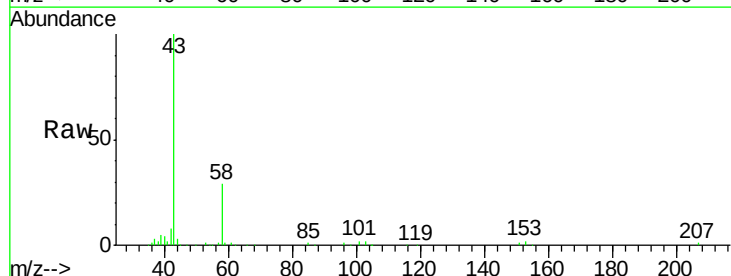
RT: 4.15 min Scan# 379

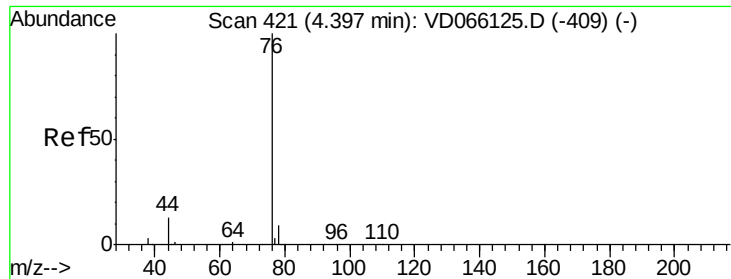
Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion:	43	Resp:	157968
Ion Ratio		Lower	Upper
43	100		
58	29.0	24.7	37.1





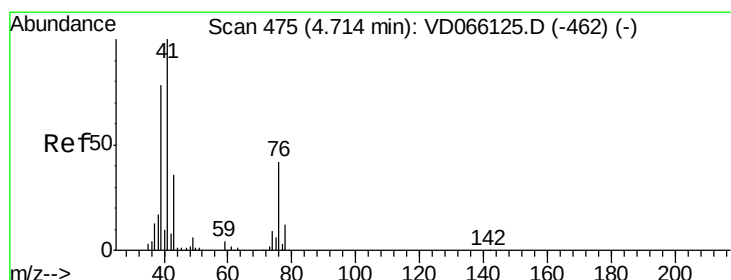
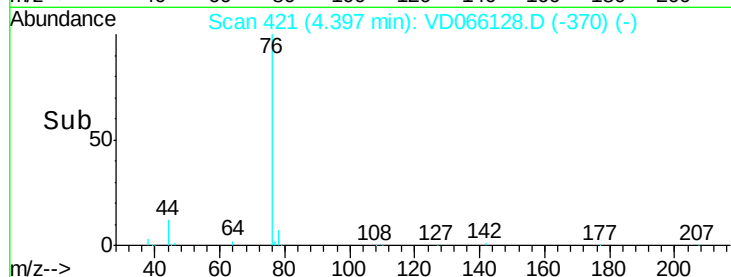
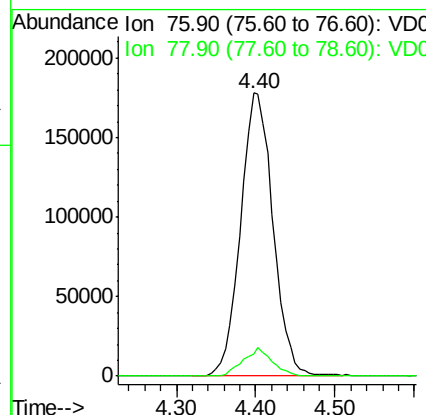
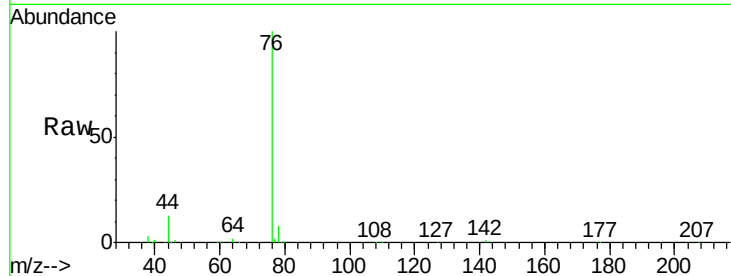
#17
Carbon Disulfide
Concen: 50.431 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.5	11.3

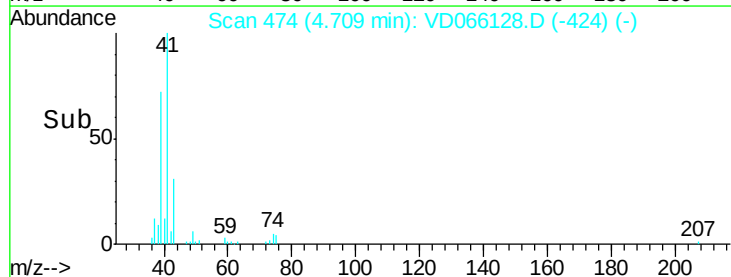
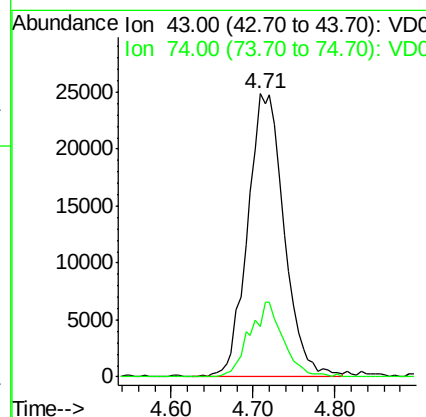
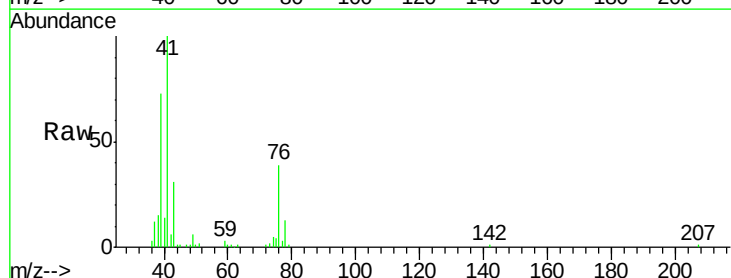
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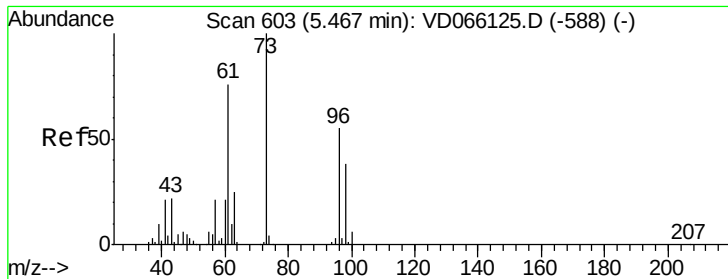
MMDadoda
8/6/2020 1:54:31 PM



#18
Methyl Acetate
Concen: 50.420 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	21.2	31.8





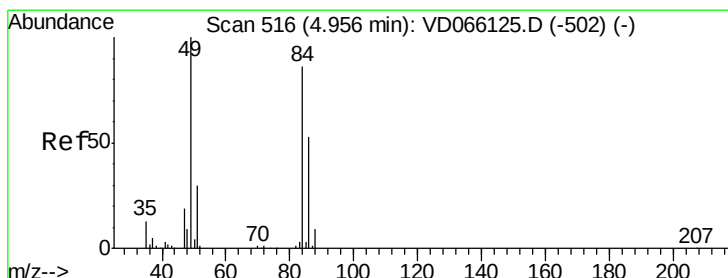
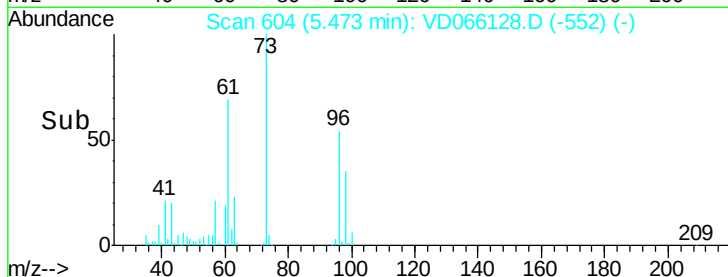
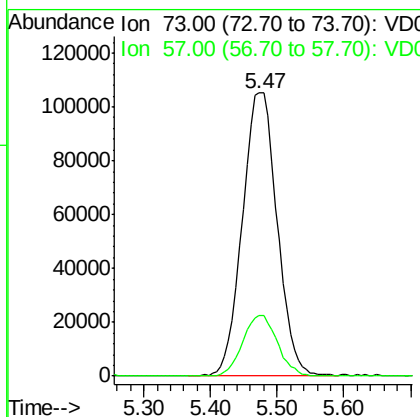
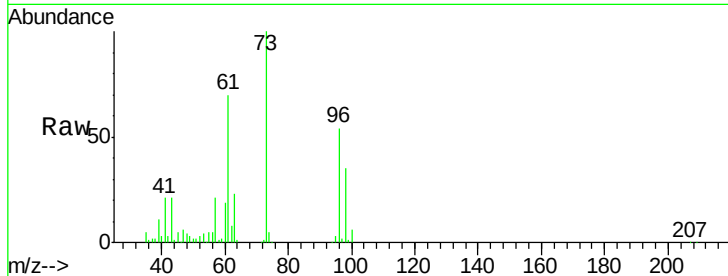
#19
Methyl tert-butyl Ether
Concen: 52.361 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.1	25.7

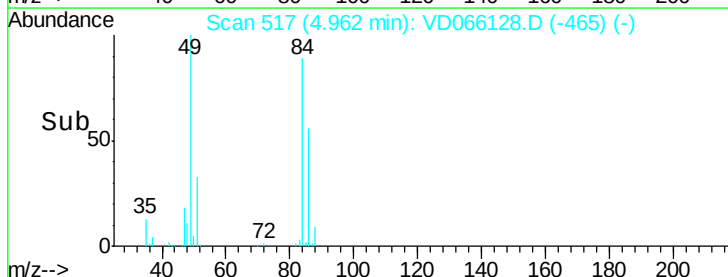
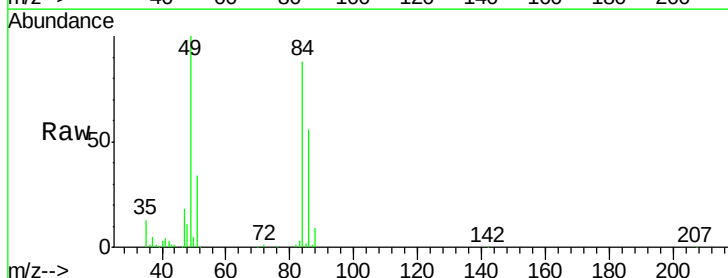
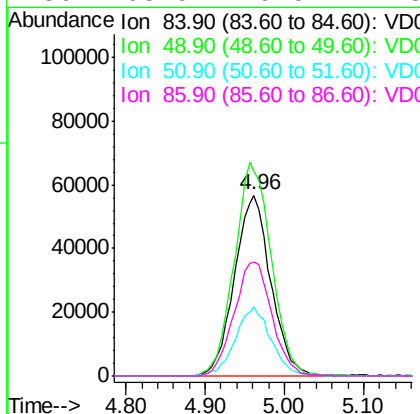
Manual Integrations
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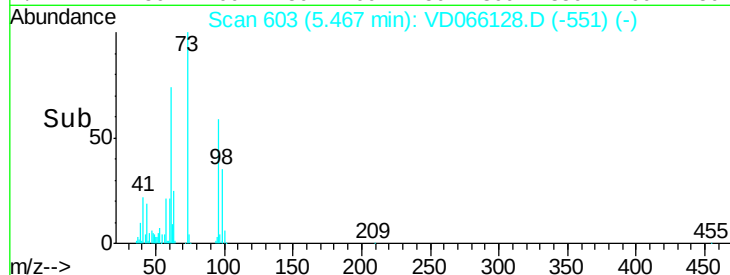
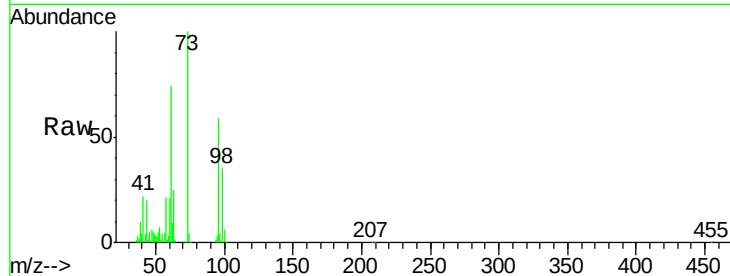
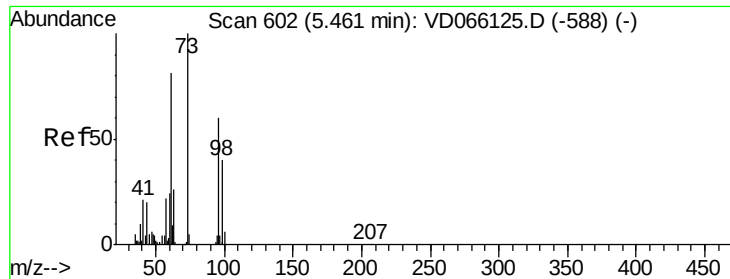
MMDadoda
8/6/2020 1:54:31 PM



#20
Methylene Chloride
Concen: 52.334 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.2	93.5	140.3
51	38.0	28.2	42.4
86	63.0	49.5	74.3





#21

trans-1,2-Dichloroethene

Concen: 51.322 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tot Ion:	96	Resp:	185649
Ion	Ratio	Lower	Upper
96	100		
61	124.4	106.9	160.3
98	59.4	53.4	80.0

Instrument :

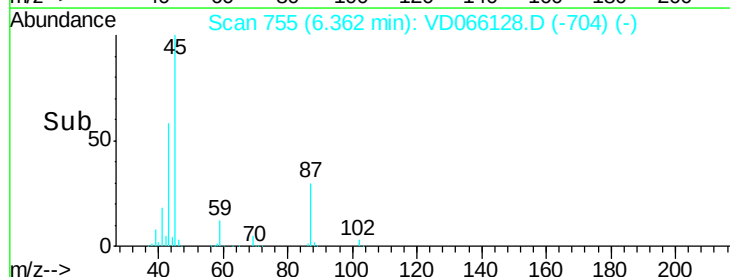
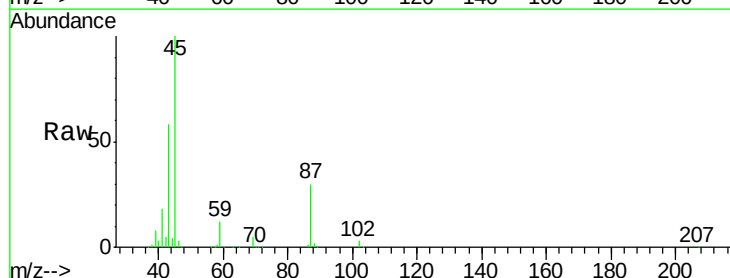
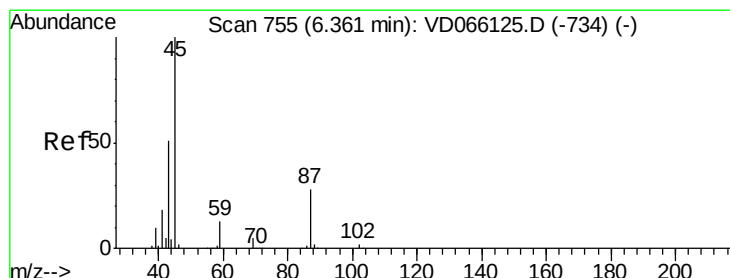
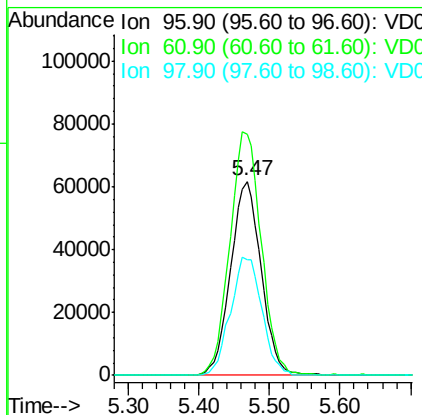
MSVOA_D

ClientSampleId :

ICVVD080520

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#22

Diisopropyl ether

Concen: 52.879 ug/l

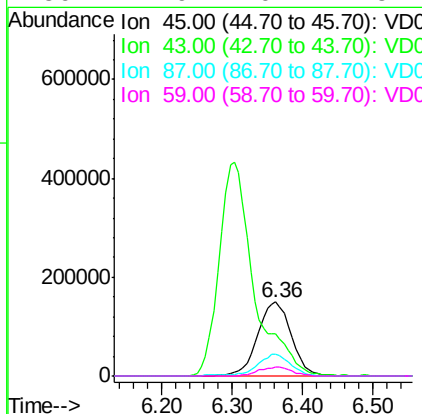
RT: 6.36 min Scan# 755

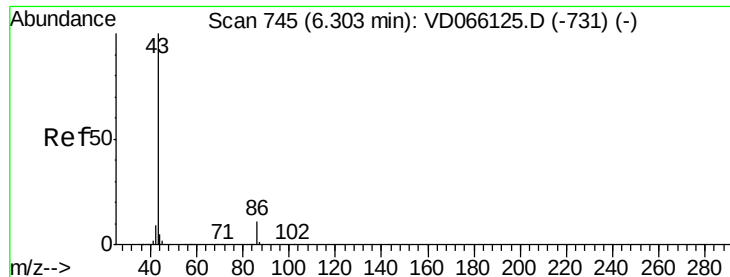
Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion:	45	Resp:	498845
Ion	Ratio	Lower	Upper
45	100		
43	57.2	41.2	61.8
87	29.5	22.8	34.2
59	11.9	10.2	15.2





#23

Vinyl Acetate

Concen: 269.019 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion: 43 Resp: 1486778

Ion Ratio Lower Upper

43 100

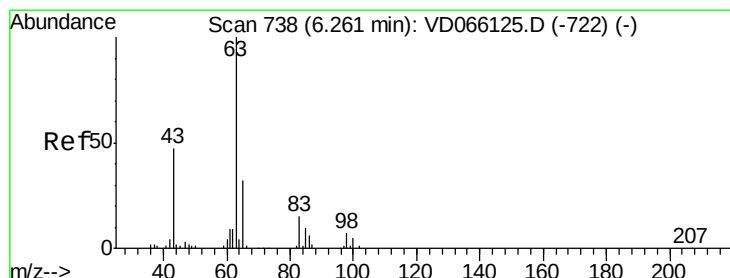
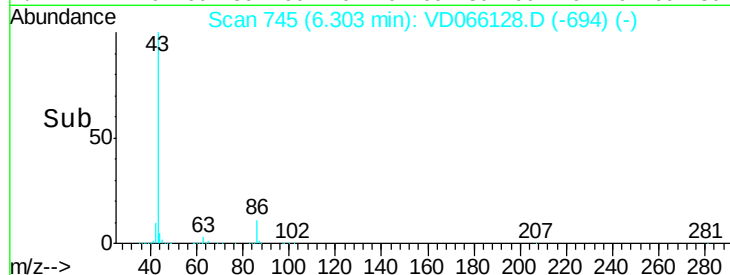
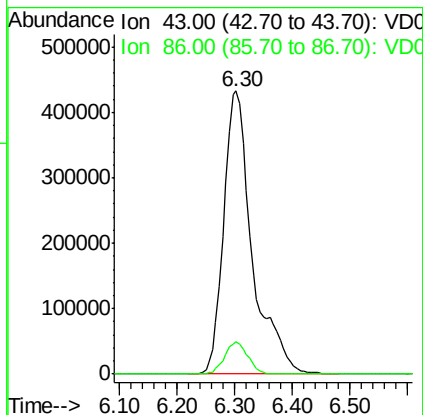
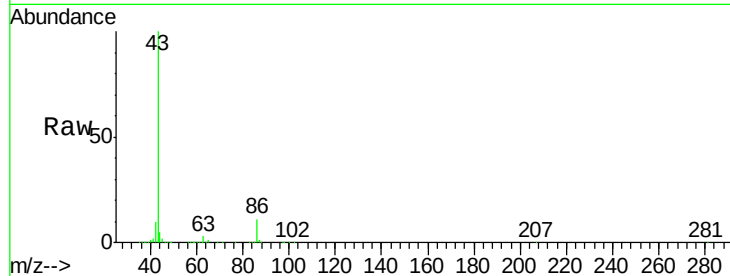
86 11.4 9.1 13.7

Manual Integrations

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8/6/2020 1:54:31 PM



#24

1,1-Dichloroethane

Concen: 50.707 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

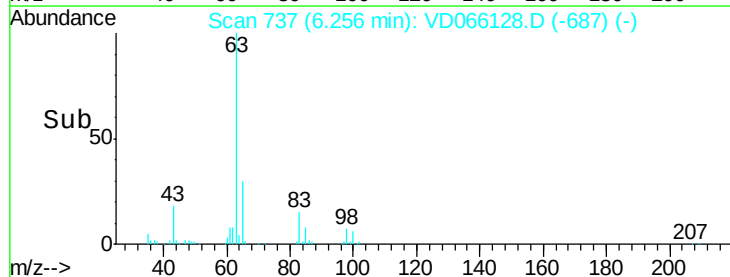
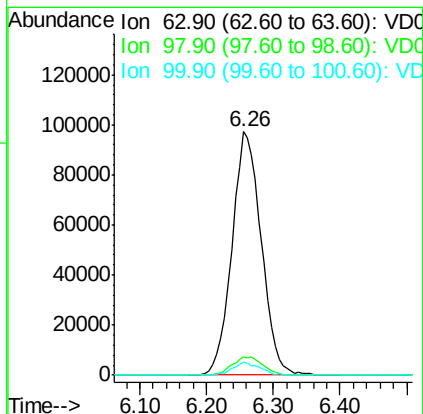
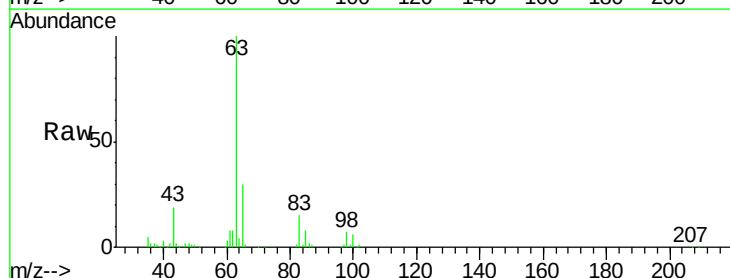
Tgt Ion: 63 Resp: 296040

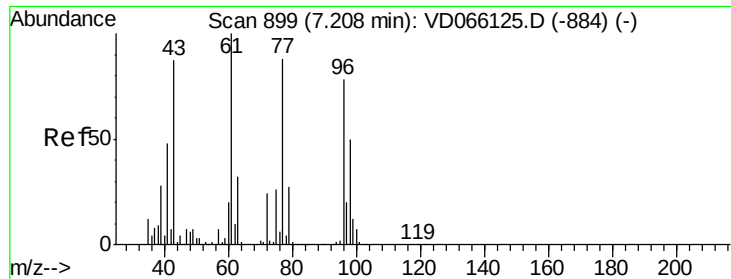
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 5.6 2.4 7.2





#25

2-Butanone

Concen: 252.382 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion: 43 Resp: 223427

Ion Ratio Lower Upper

43 100

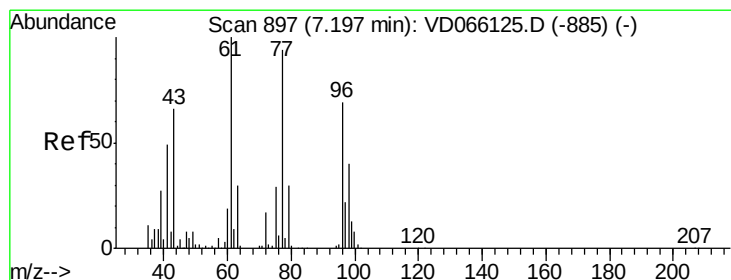
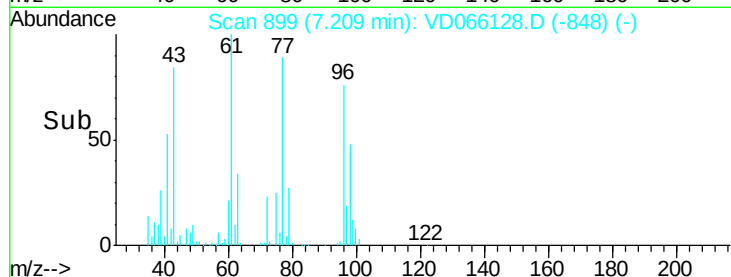
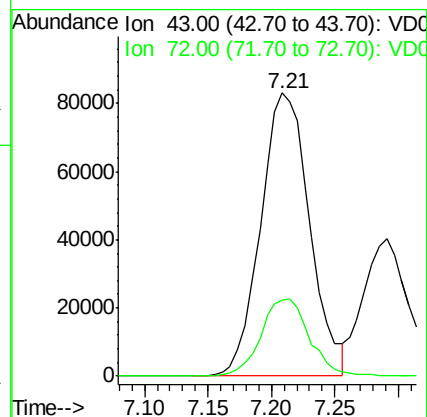
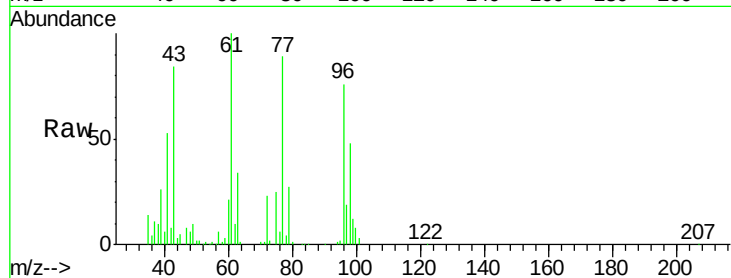
72 27.0 22.2 33.2

Manual Integrations

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MMDadoda

8/6/2020 1:54:31 PM



#26

2,2-Dichloropropane

Concen: 50.823 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066128.D

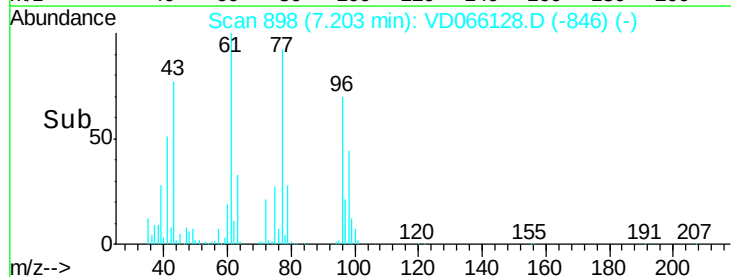
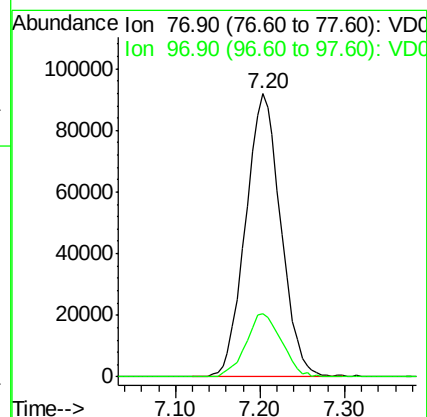
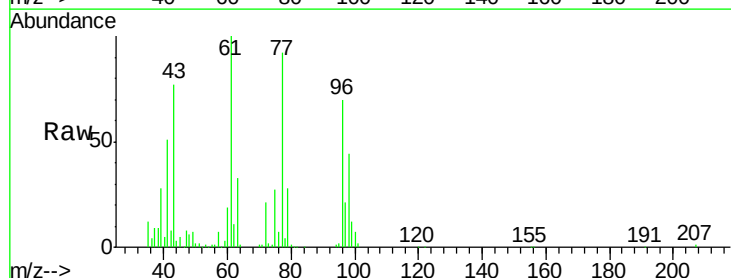
Acq: 05 Aug 2020 13:49

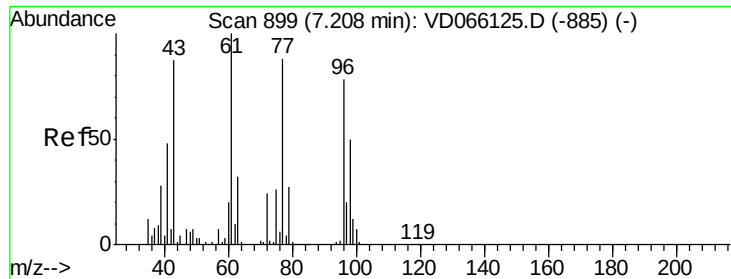
Tgt Ion: 77 Resp: 265938

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.3





#27

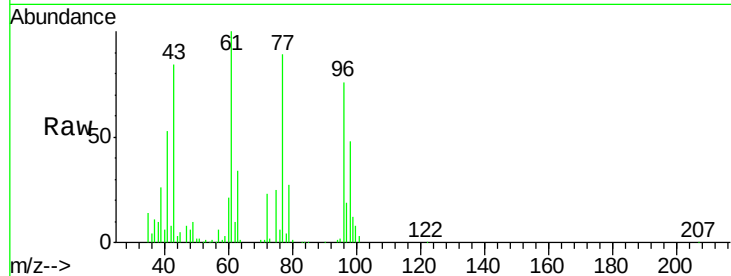
cis-1,2-Dichloroethene
Concen: 51.657 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

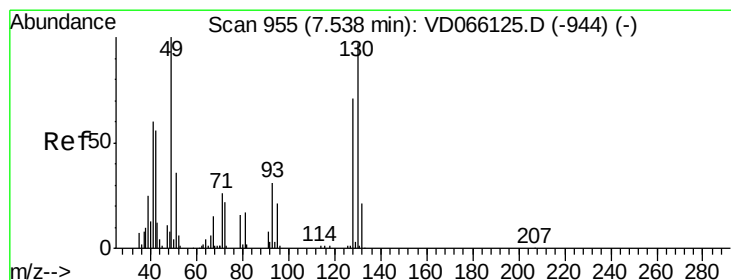
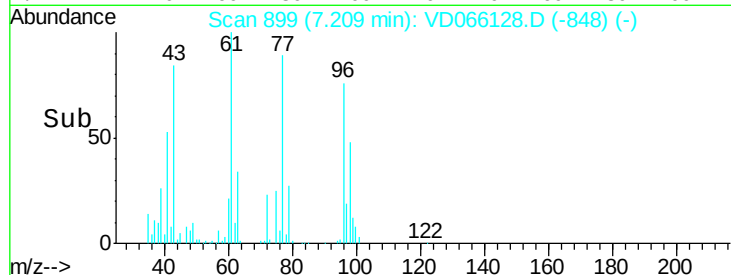
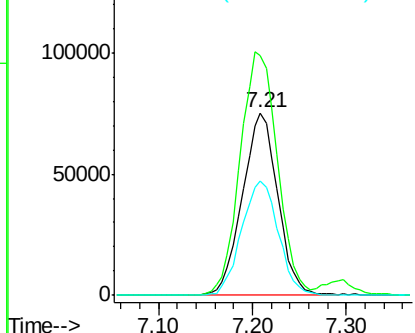
Tot Ion	Ratio	Resp	Lower	Upper
96	100	195996		
61	140.7		0.0	281.6
98	65.2		0.0	130.8

Manual Integrations
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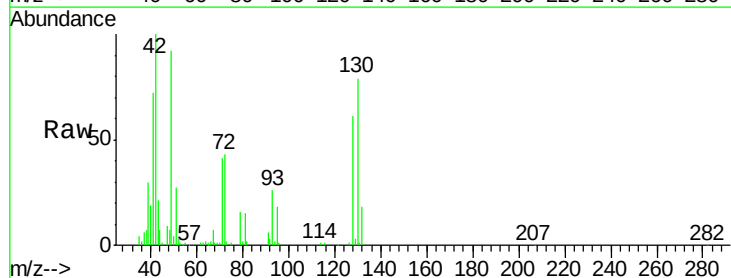
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



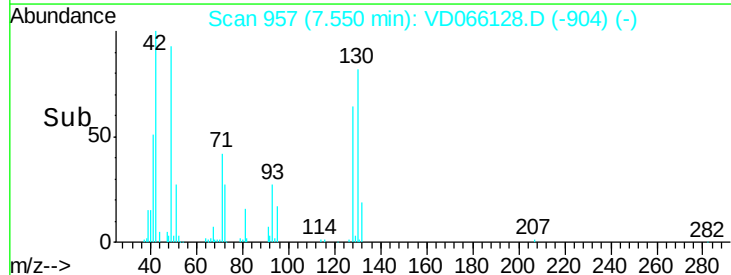
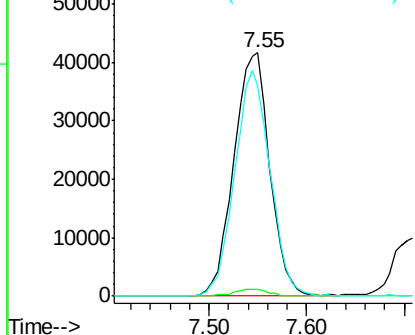
#28

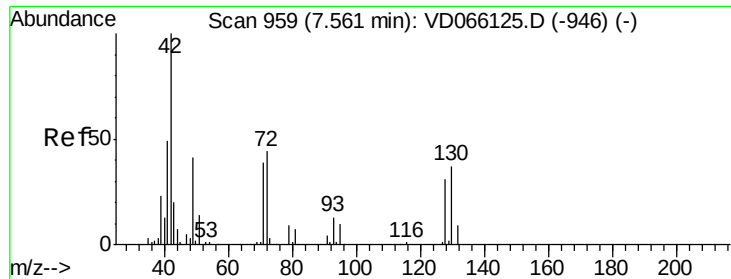
Bromochloromethane
Concen: 51.994 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106614		
129	2.7		0.0	6.0
130	91.2		73.8	110.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





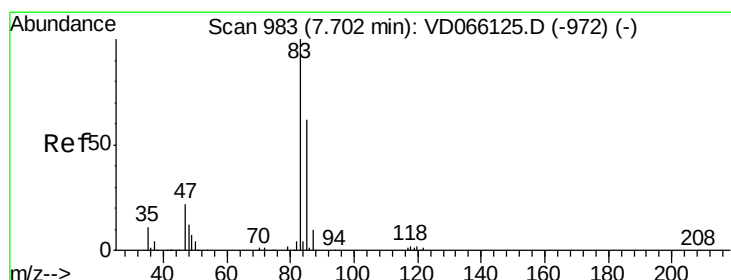
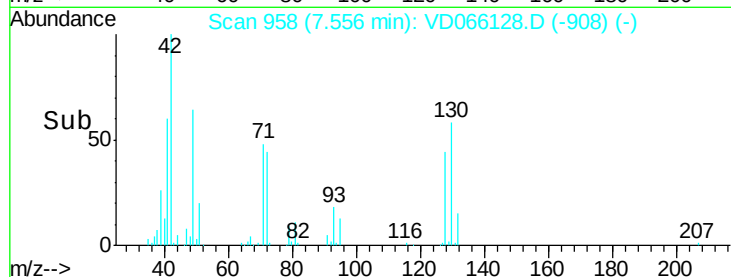
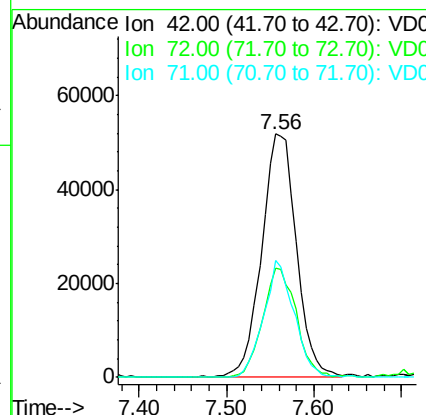
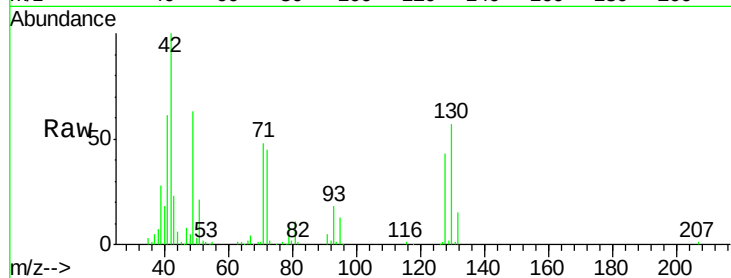
#29
Tetrahydrofuran
Concen: 259.877 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.8	52.2
71	41.9	33.5	50.3

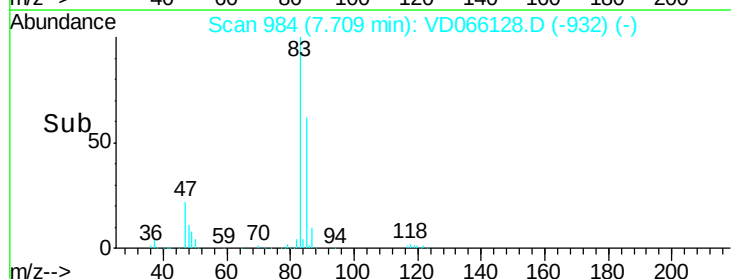
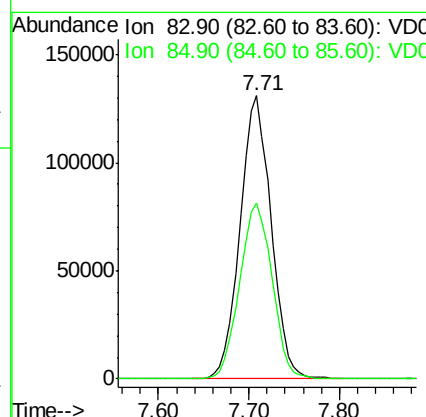
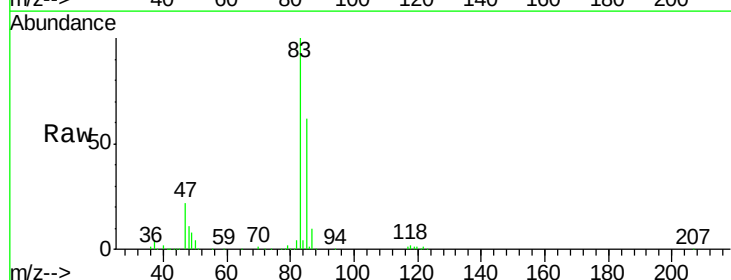
Manual Integrations
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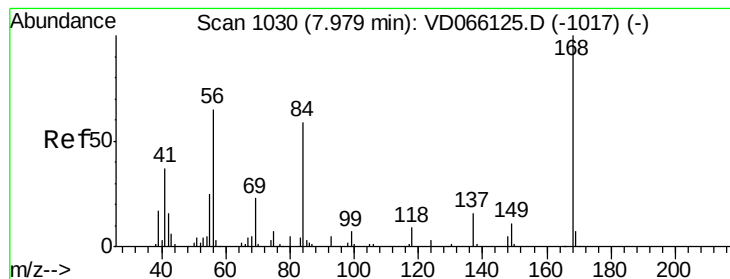
MMDadoda
8/6/2020 1:54:31 PM



#30
Chloroform
Concen: 50.968 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	49.5	74.3





#31

Cyclohexane

Concen: 48.959 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion: 56 Resp: 272087

Ion Ratio Lower Upper

56 100

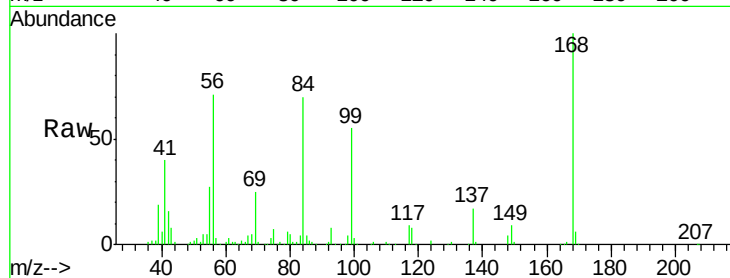
69 35.3 28.8 43.2

84 96.6 73.0 109.6

Manual Integrations
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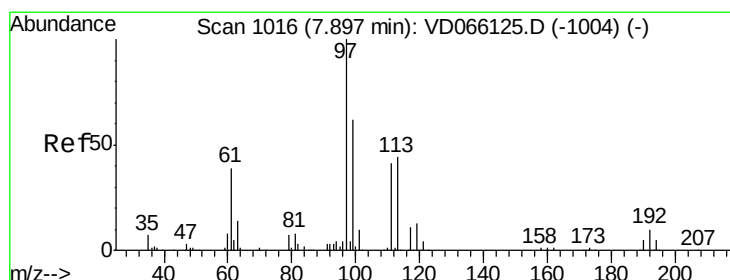
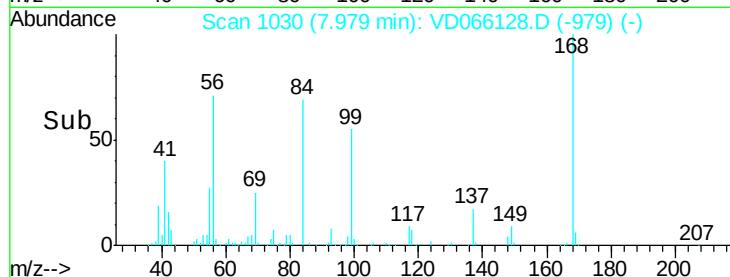
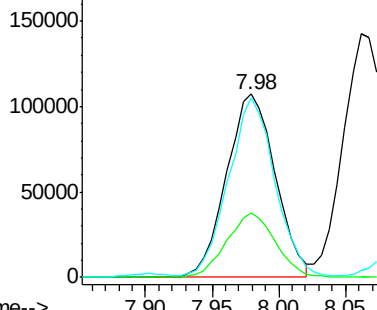
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 50.599 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

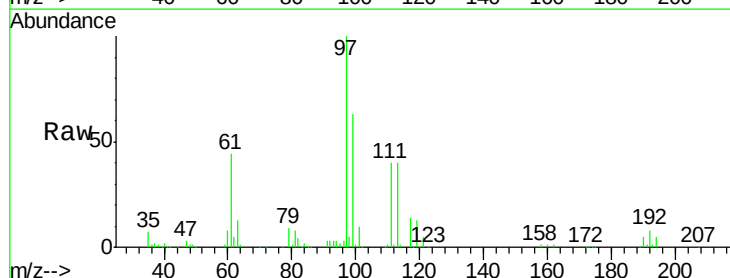
Tgt Ion: 97 Resp: 290835

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

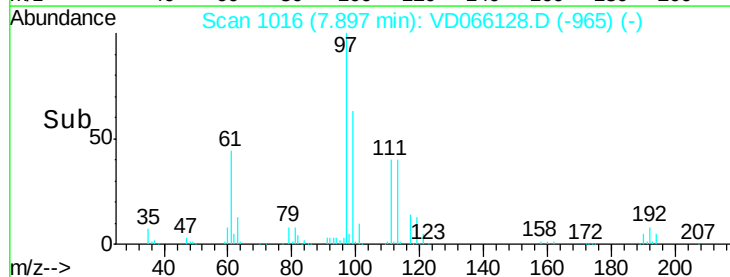
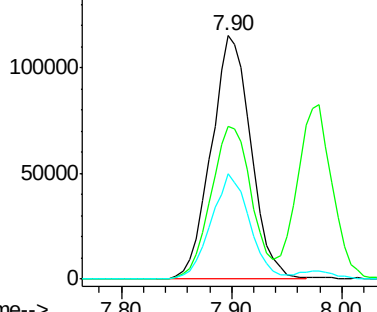
61 42.0 32.7 49.1

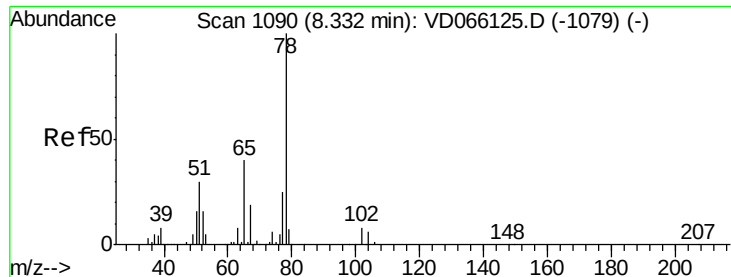


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC





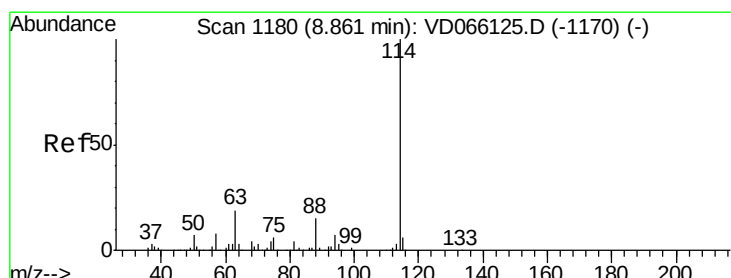
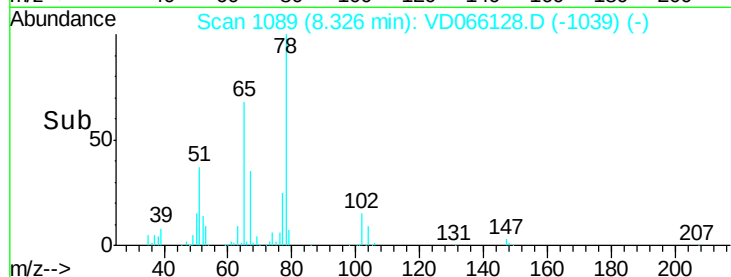
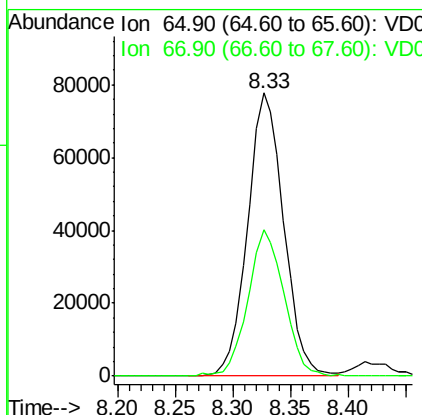
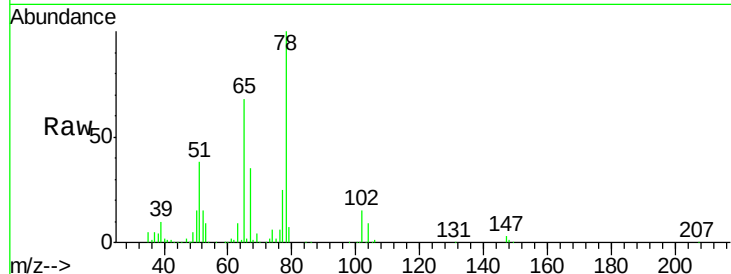
#33
 1,2-Dichloroethane-d4
 Concen: 53.370 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169299		
67	52.0	0.0	104.6	

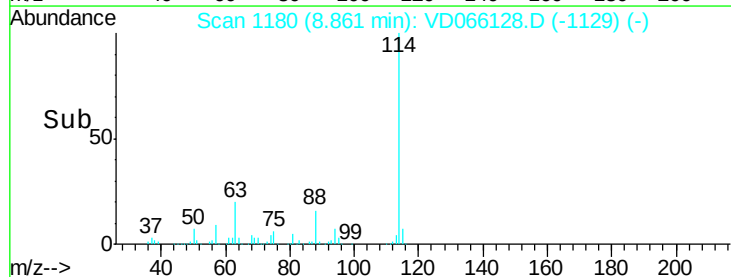
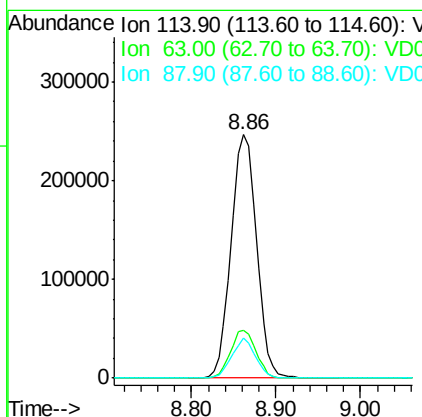
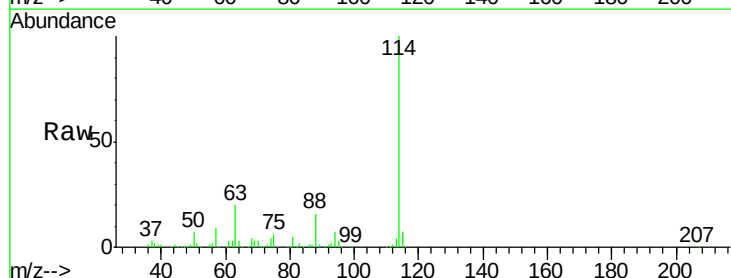
Manual Integrations
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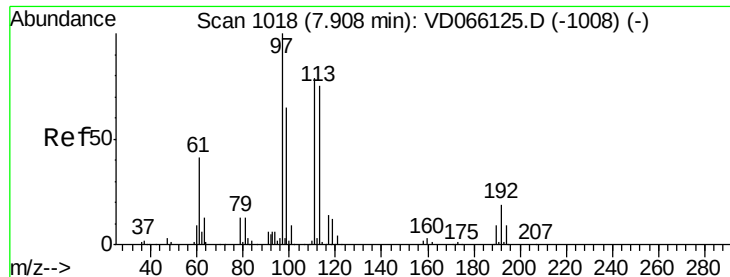
MMDadoda
 8/6/2020 1:54:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	511723		
63	19.8	0.0	38.6	
88	16.5	0.0	30.0	





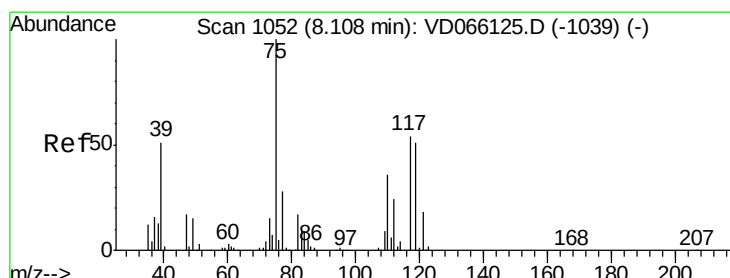
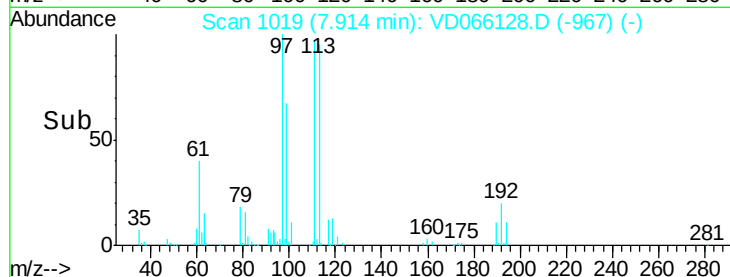
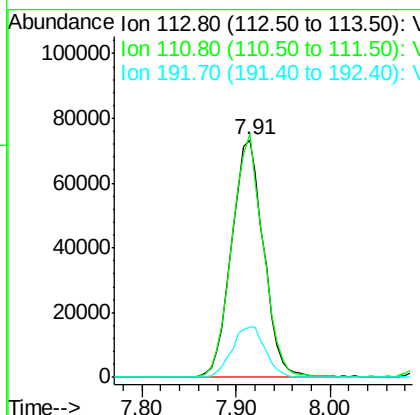
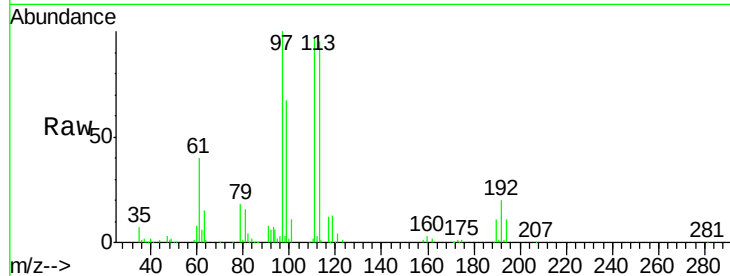
#35
 Dibromofluoromethane
 Concen: 53.716 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
113	100	174131		
111	99.9	80.7	121.1	
192	22.1	18.4	27.6	

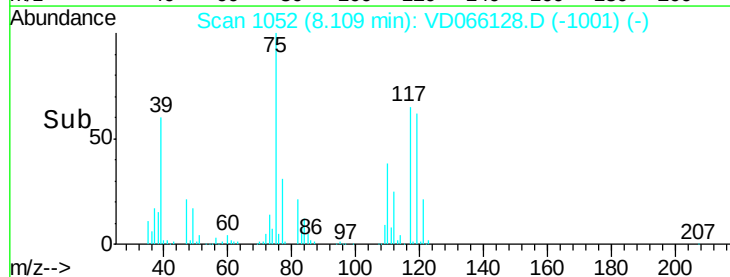
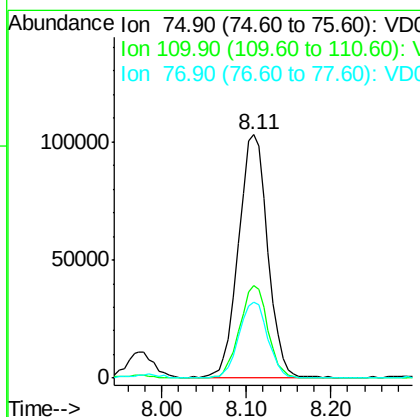
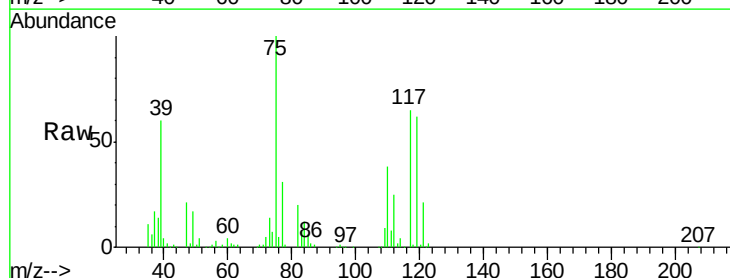
Manual Integrations
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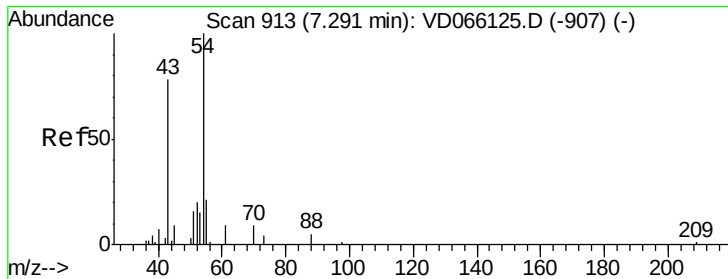
MMDadoda
 8/6/2020 1:54:31 PM



#36
 1,1-Dichloropropene
 Concen: 51.244 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	246412		
110	36.9	18.8	56.3	
77	31.0	24.2	36.2	





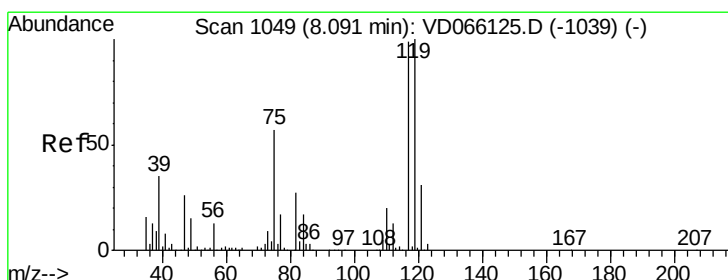
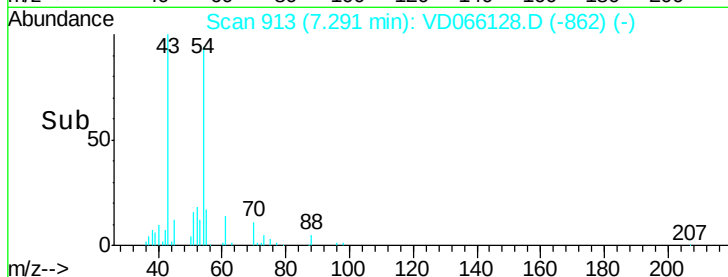
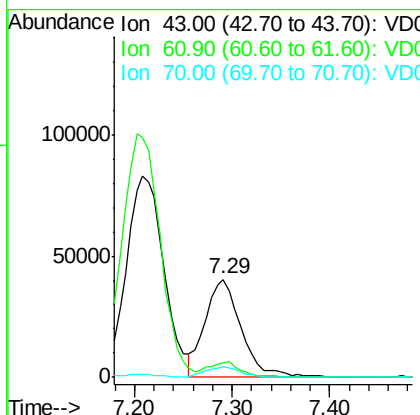
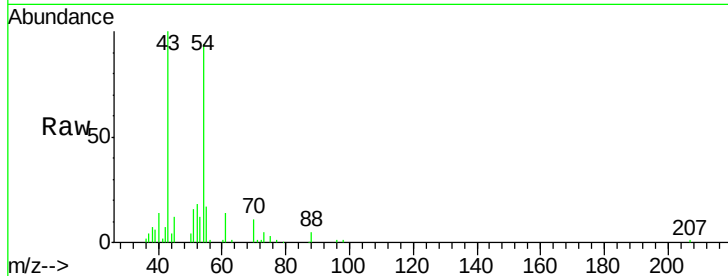
#37
Ethyl Acetate
Concen: 53.732 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.0	18.0
70	10.4	9.7	14.5

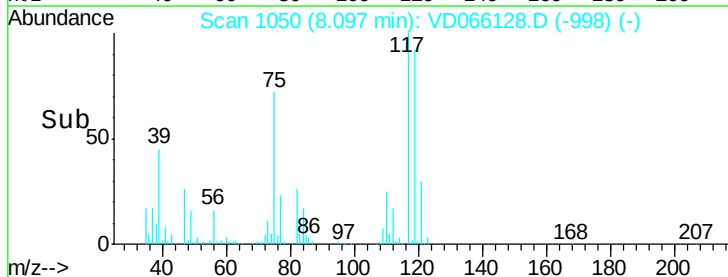
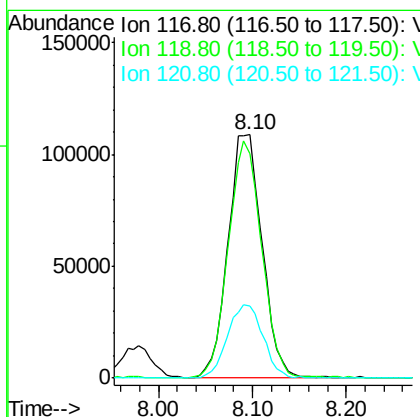
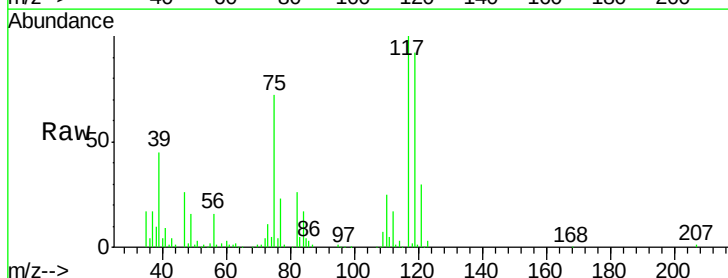
Manual Integrations
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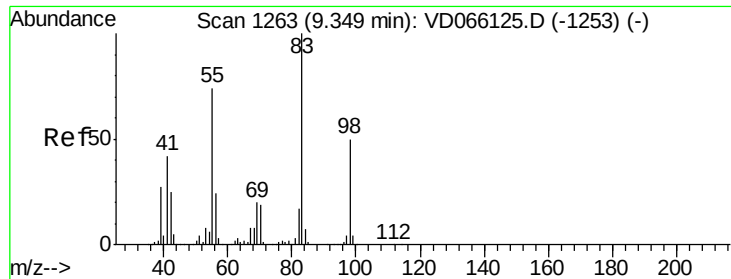
MMDadoda
8/6/2020 1:54:31 PM



#38
Carbon Tetrachloride
Concen: 51.063 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	81.0	121.4
121	29.9	24.8	37.2





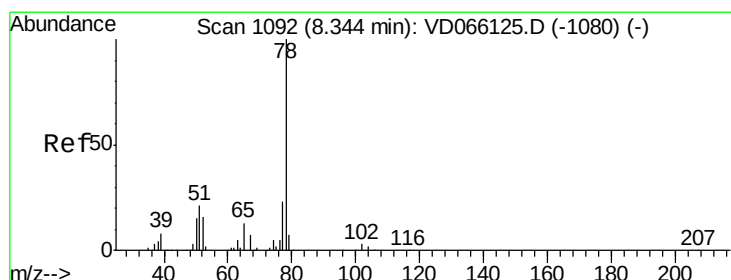
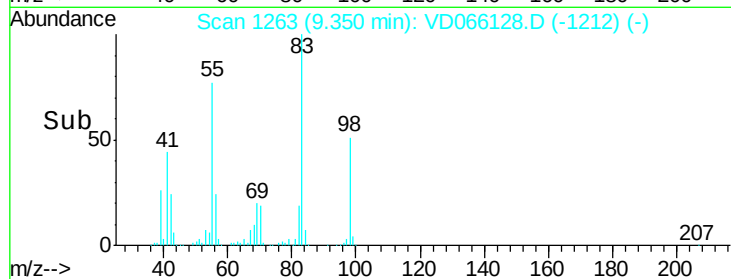
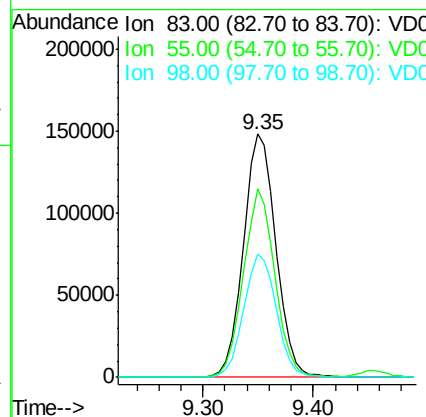
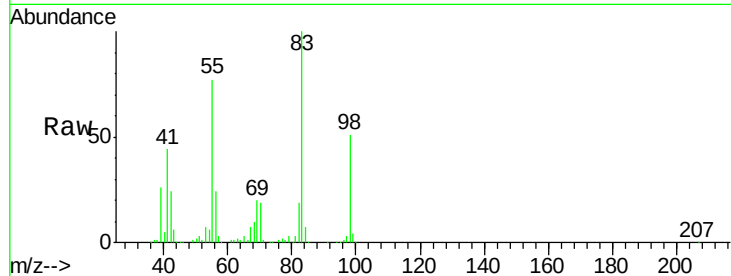
#39
Methylvlcyclohexane
Concen: 52.789 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.3	59.2	88.8	
98	50.5	39.8	59.6	

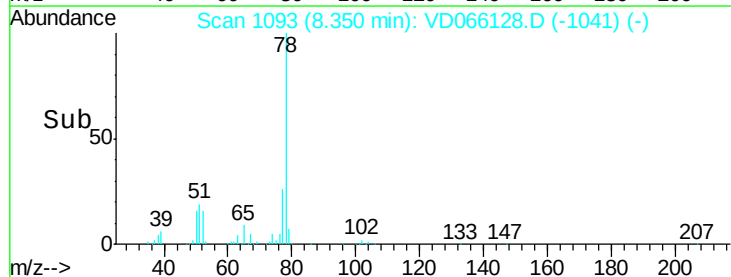
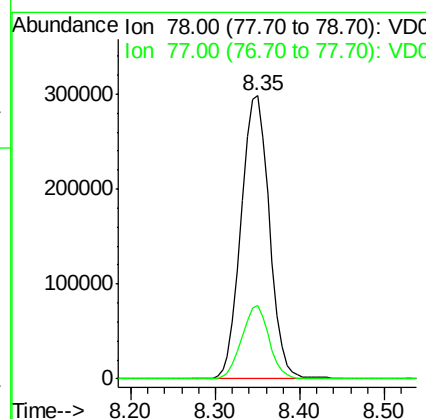
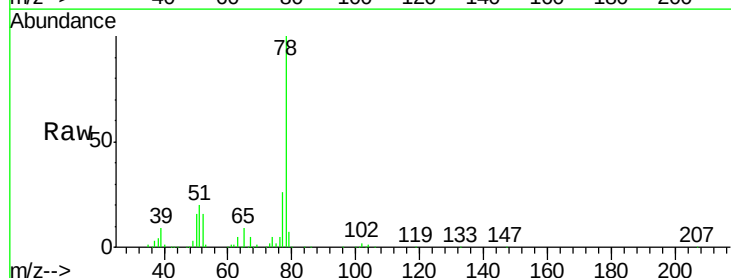
Manual Integrations
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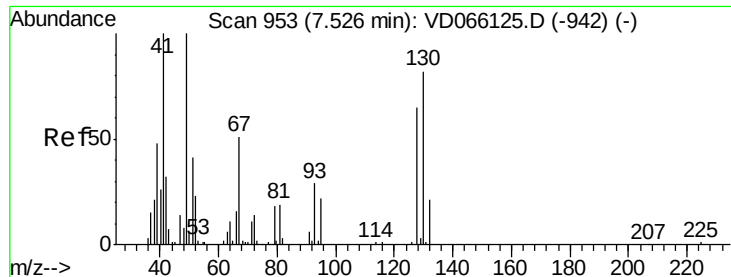
MMDadoda
8/6/2020 1:54:31 PM



#40
Benzene
Concen: 51.809 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	25.8	18.6	27.8	





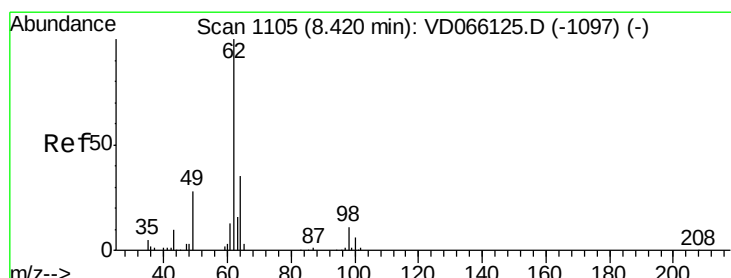
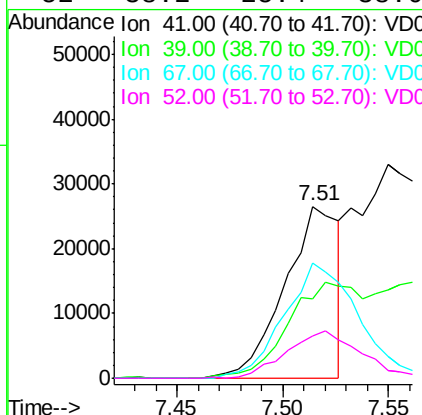
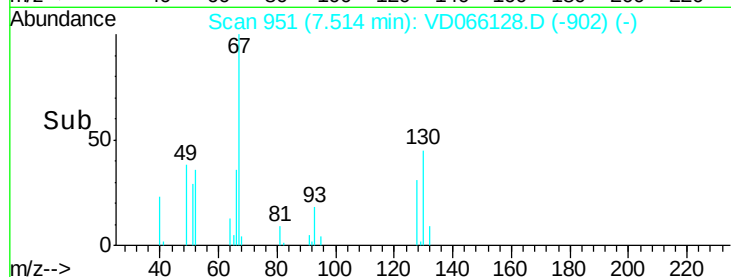
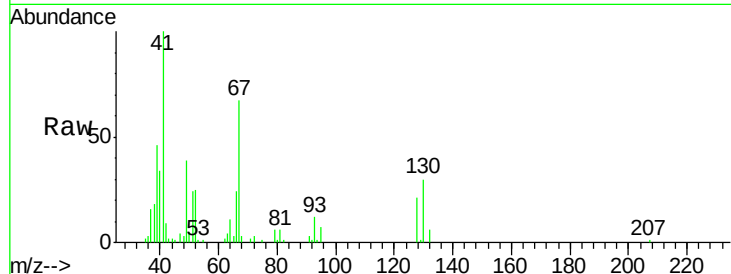
#41
Methacrylonitrile
Concen: 42.381 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	74.0	47.5	71.3#	
67	90.9	59.1	88.7#	
52	38.2	25.4	38.0#	

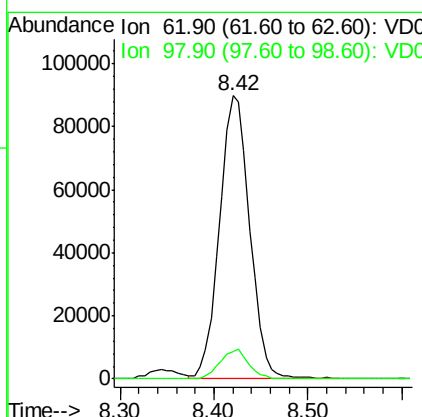
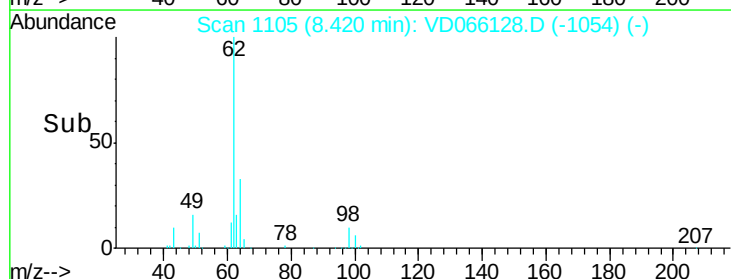
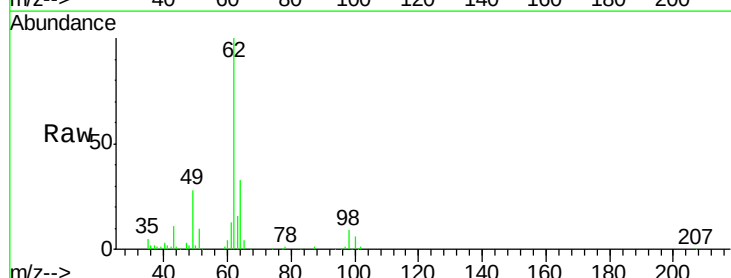
Manual Integrations
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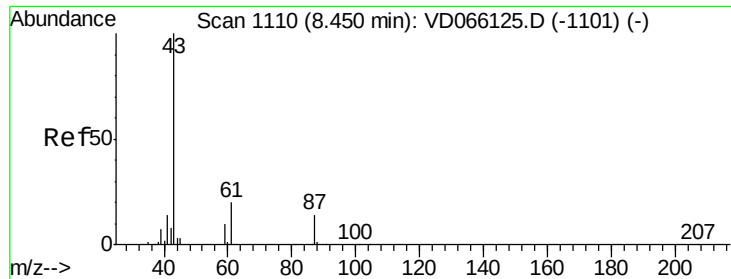
MMDadoda
8/6/2020 1:54:31 PM



#42
1,2-Dichloroethane
Concen: 51.414 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.4	





#43

Isopropyl Acetate

Concen: 53.414 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

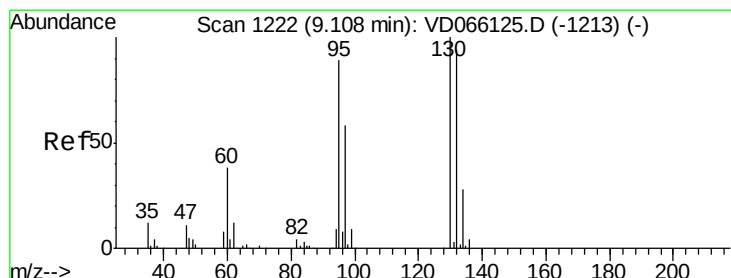
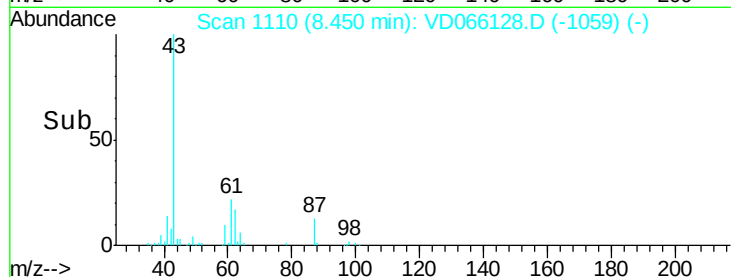
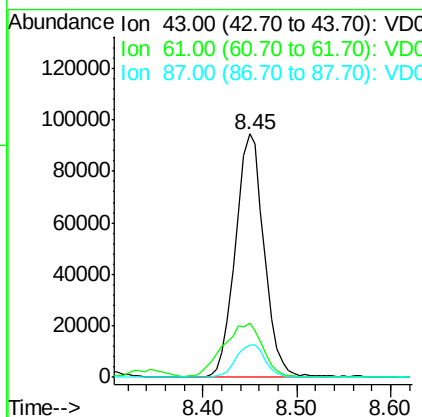
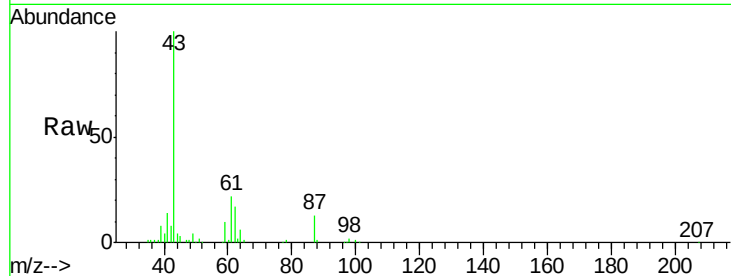
ClientSampleId :

ICVVD080520

Tot Ion:	43	Resp:	200510
Ion	Ratio	Lower	Upper
43	100		
61	31.0	25.5	38.3
87	13.7	11.2	16.8

Manual Integrations
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MMDadoda
8/6/2020 1:54:31 PM



#44

Trichloroethene

Concen: 51.539 ug/l

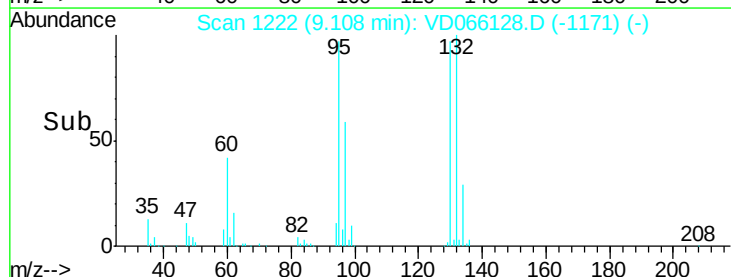
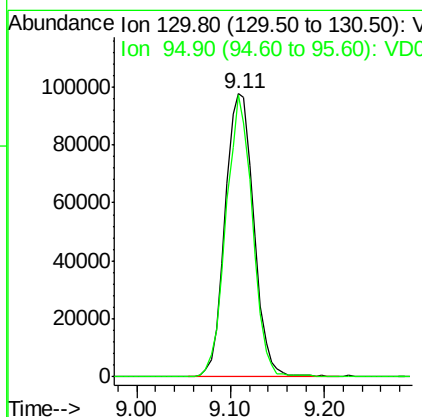
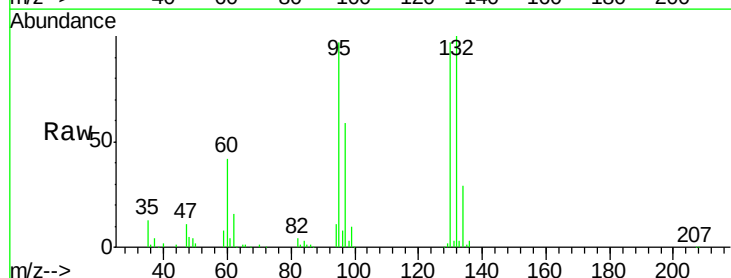
RT: 9.11 min Scan# 1222

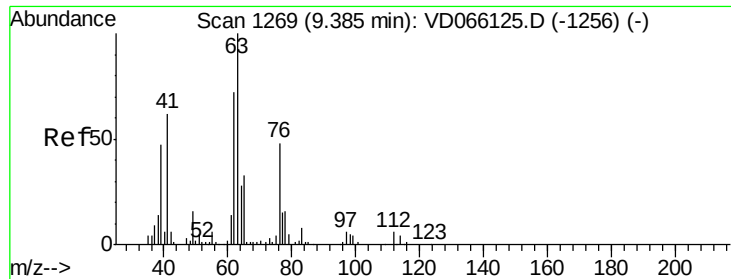
Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion:	130	Resp:	207169
Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	178.4





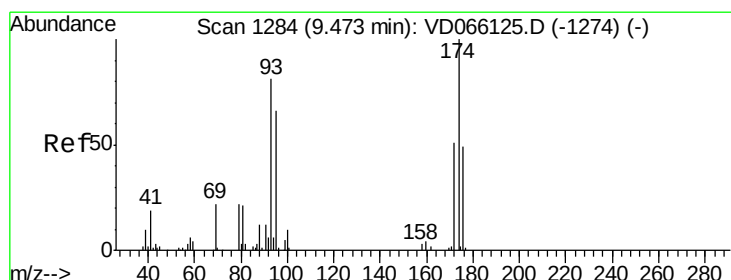
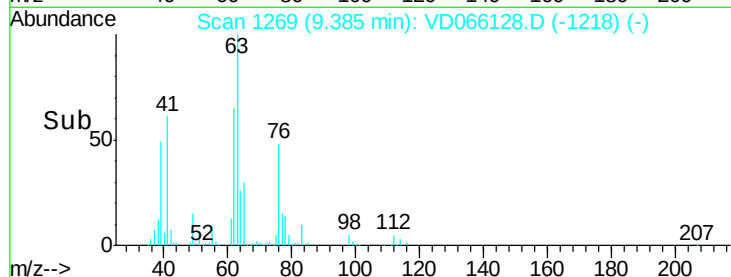
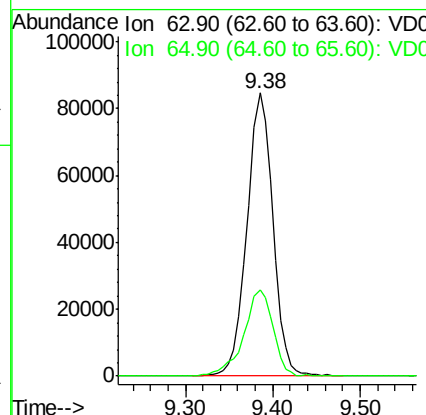
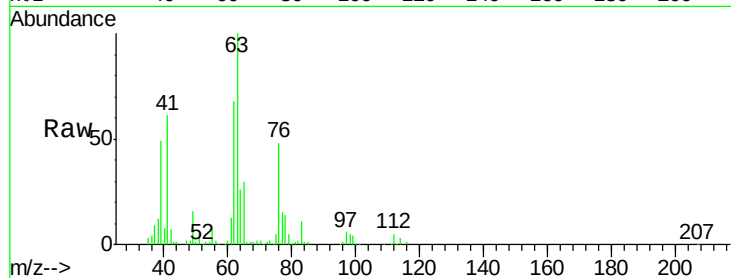
#45
 1,2-Dichloropropane
 Concen: 51.940 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	26.5	39.7

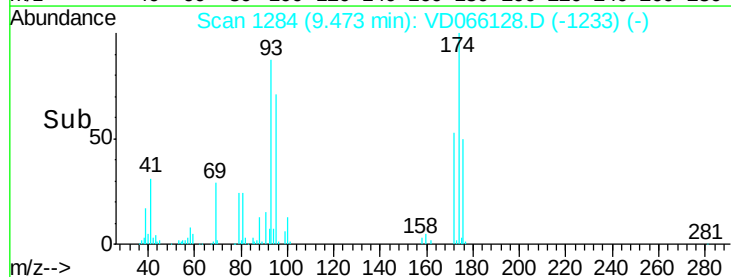
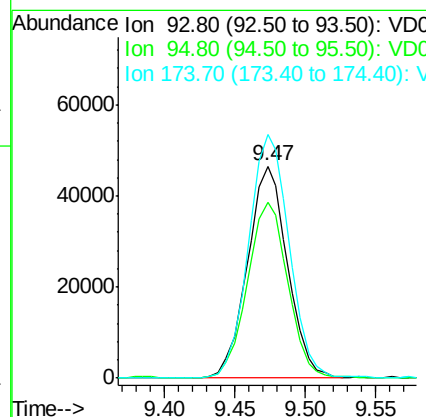
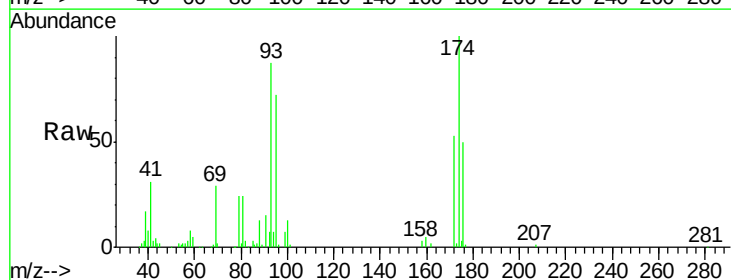
Manual Integrations
 APPROVED

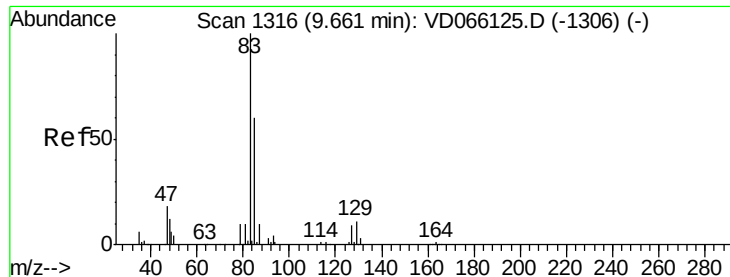
MMDadoda
 8/6/2020 1:54:31 PM



#46
 Dibromomethane
 Concen: 51.422 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.8	98.6
174	117.1	92.8	139.2





#47

Bromodichloromethane

Concen: 51.495 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

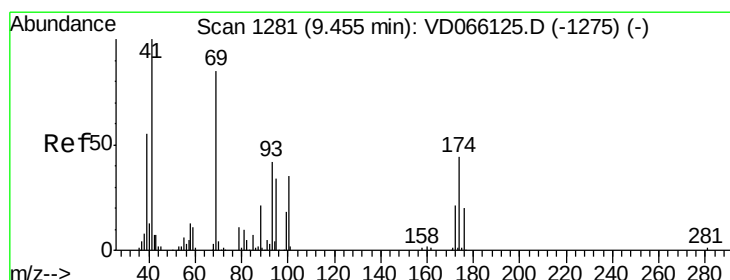
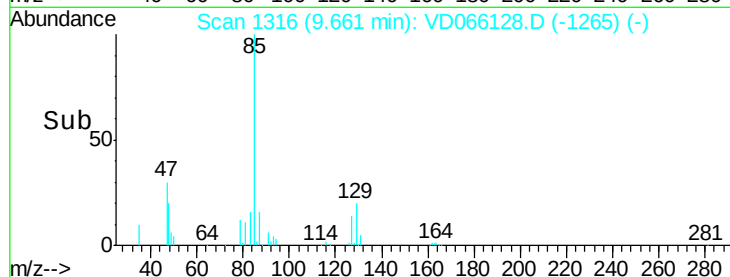
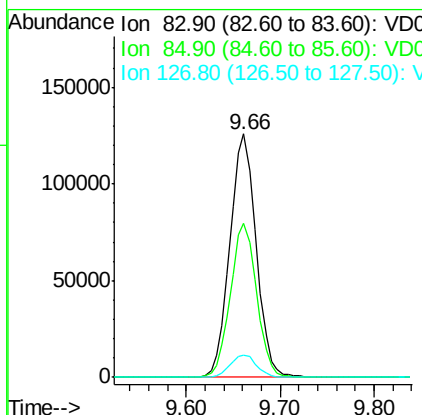
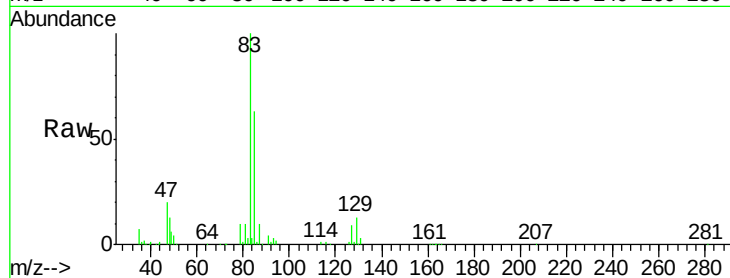
ClientSampleId :

ICVVD080520

Tot Ion:	83	Resp:	244583
Ion	Ratio	Lower	Upper
83	100		
85	63.5	48.2	72.4
127	9.1	7.3	10.9

Manual Integrations
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MMDadoda
8/6/2020 1:54:31 PM



#48

Methyl methacrylate

Concen: 50.245 ug/l

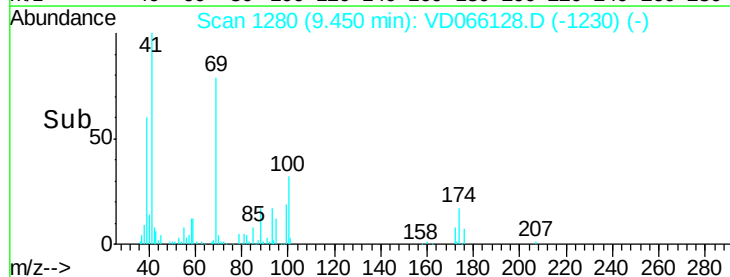
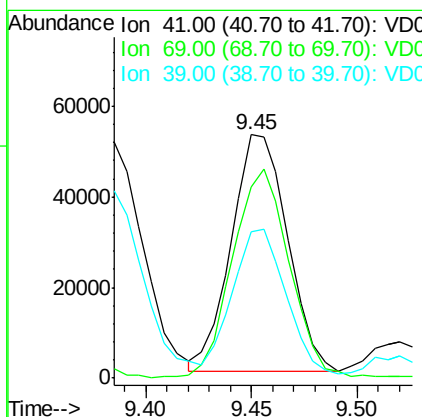
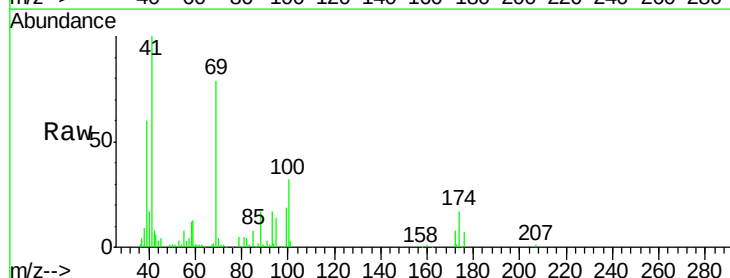
RT: 9.45 min Scan# 1280

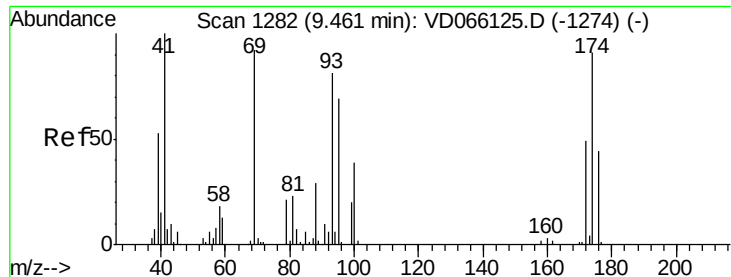
Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion:	41	Resp:	96310
Ion	Ratio	Lower	Upper
41	100		
69	89.1	63.9	95.9
39	58.1	42.6	64.0





#49

1,4-Dioxane

Concen: 1056.141 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

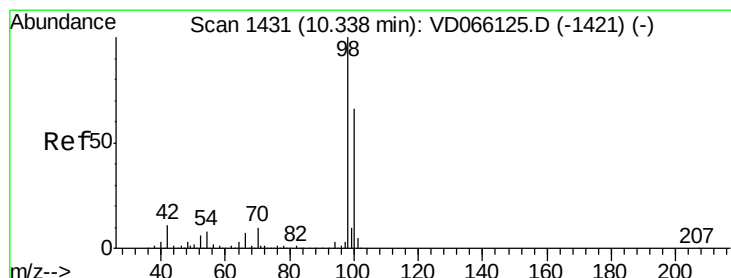
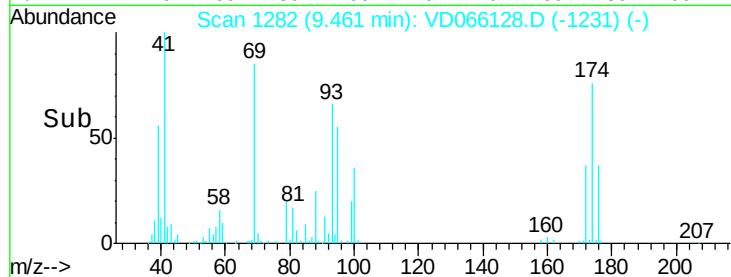
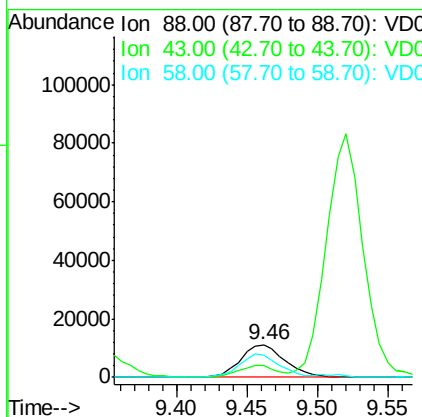
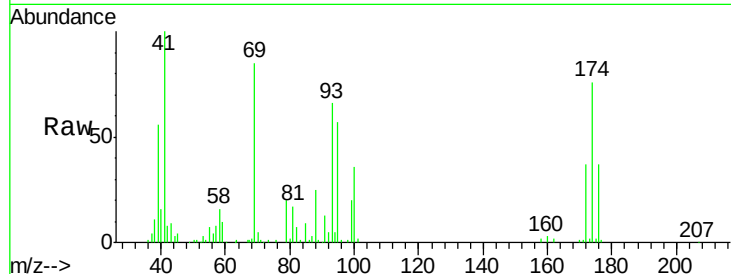
ClientSampleId :

ICVVD080520

Tot Ion:	88	Resp:	24384
Ion	Ratio	Lower	Upper
88	100		
43	33.9	27.5	41.3
58	64.8	50.2	75.4

Manual Integrations
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#50

Toluene-d8

Concen: 54.027 ug/l

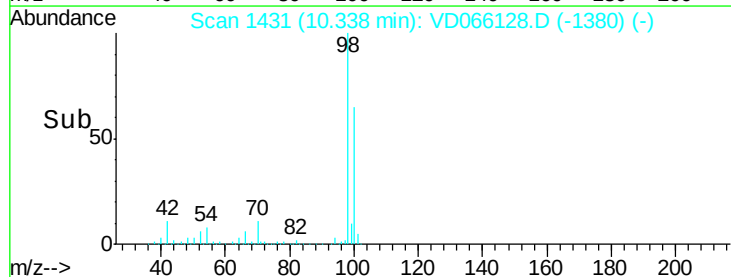
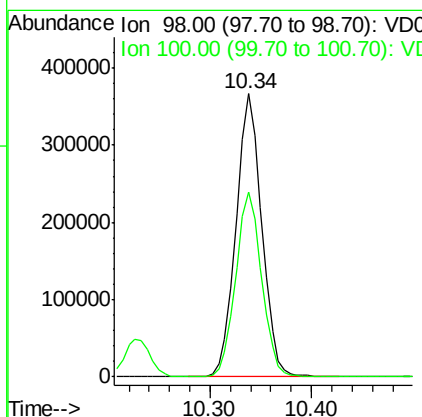
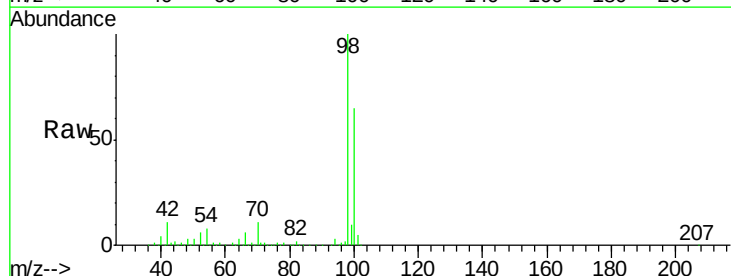
RT: 10.34 min Scan# 1431

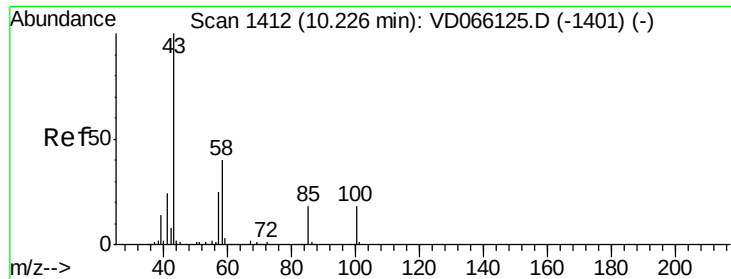
Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion:	98	Resp:	646304
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8





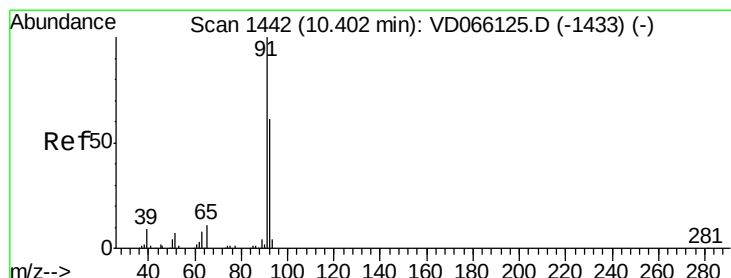
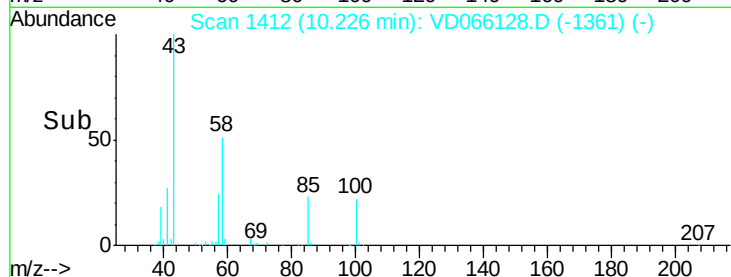
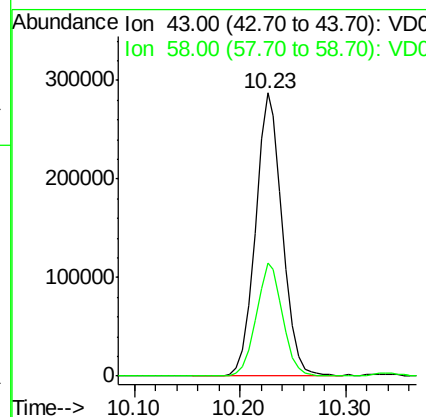
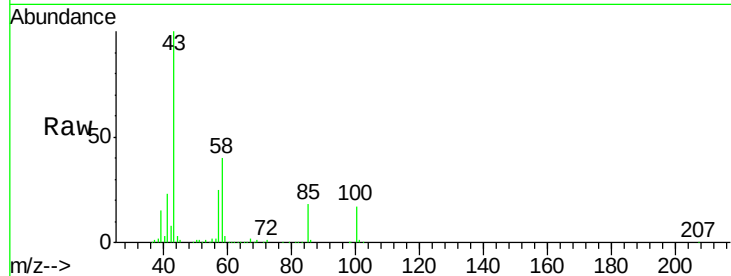
#51
 4-Methyl-2-Pentanone
 Concen: 262.584 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	43	Resp	506321
Ion Ratio	100	Lower	Upper
58	39.5	31.1	46.7

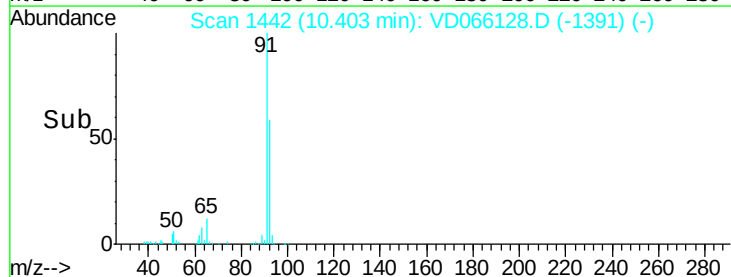
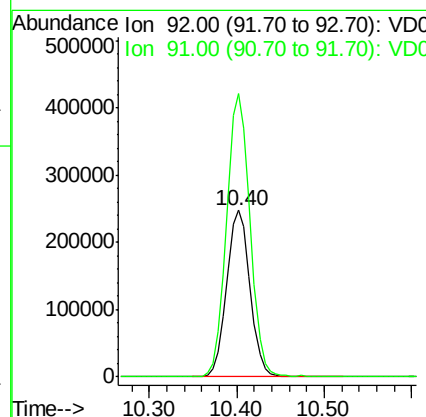
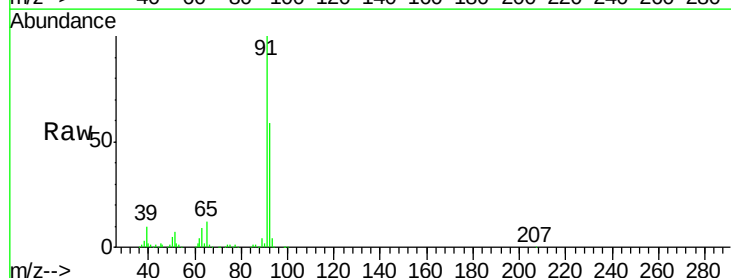
Manual Integrations
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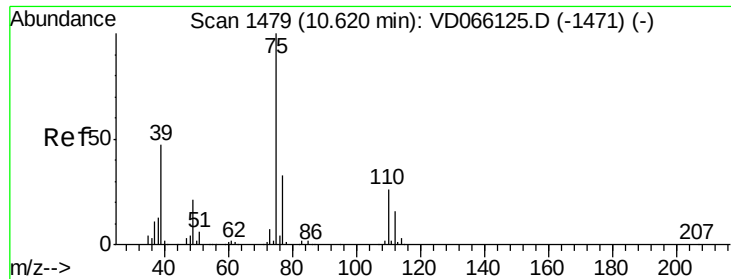
MMDadoda
 8/6/2020 1:54:31 PM



#52
 Toluene
 Concen: 51.921 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	92	Resp	455746
Ion Ratio	100	Lower	Upper
91	170.7	135.2	202.8





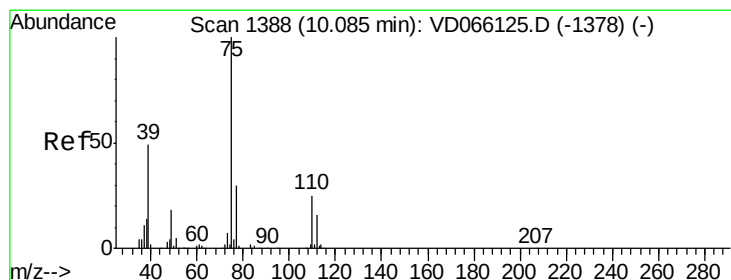
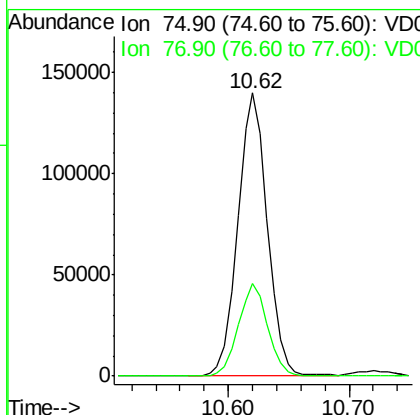
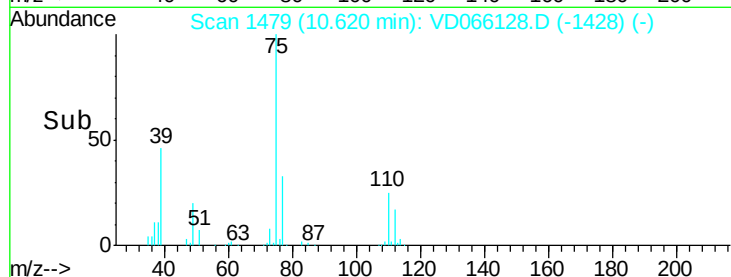
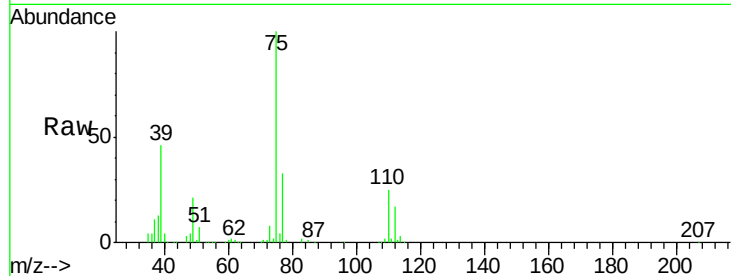
#53
t-1,3-Dichloropropene
Concen: 52.826 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.2	39.2

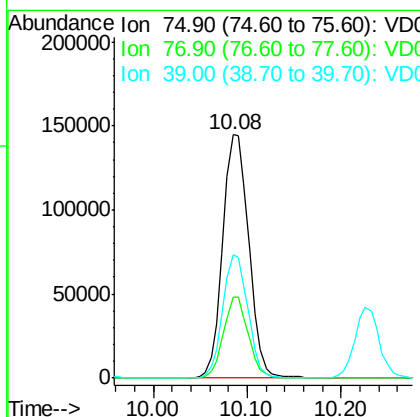
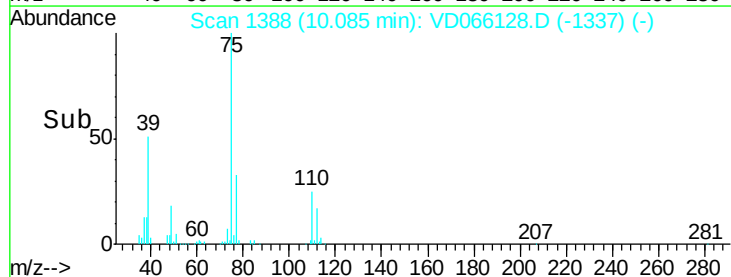
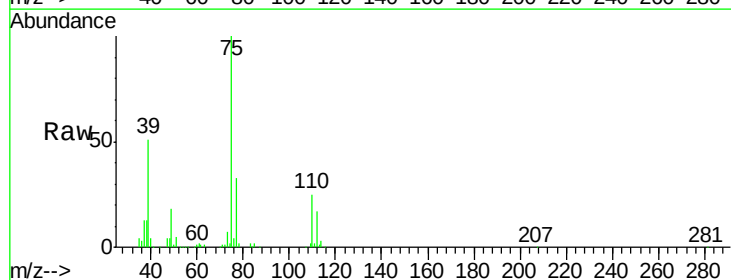
Manual Integrations
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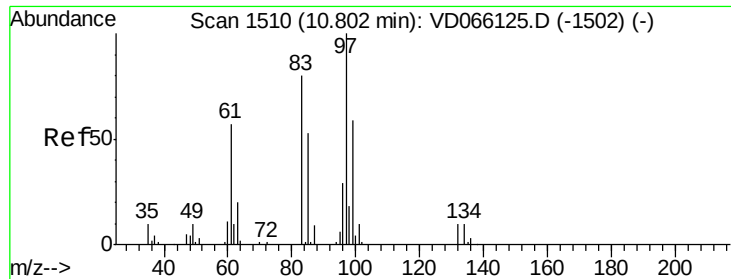
MMDadoda
8/6/2020 1:54:31 PM



#54
cis-1,3-Dichloropropene
Concen: 53.028 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.3	36.5
39	50.5	39.3	58.9





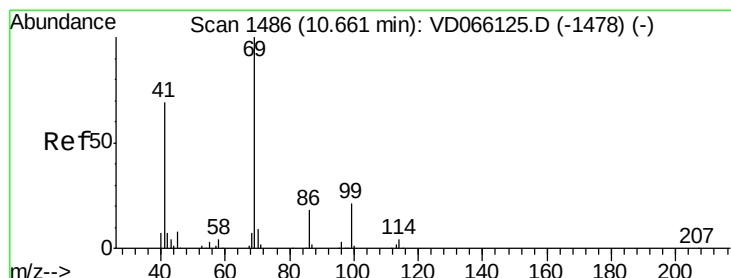
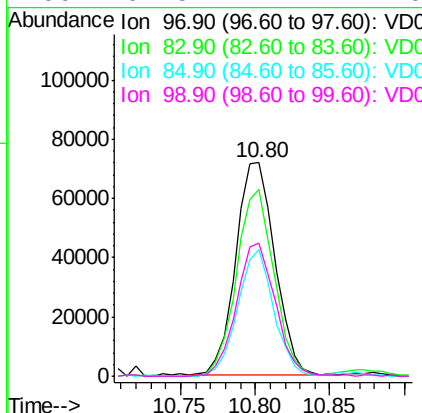
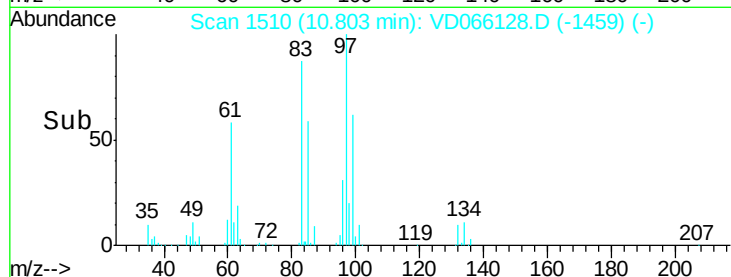
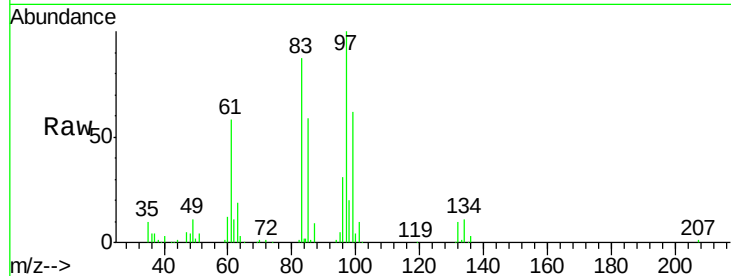
#55
 1,1,2-Trichloroethane
 Concen: 50.389 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		130391		
83	88.0	63.9	95.9		
85	59.5	42.5	63.7		
99	62.5	47.4	71.0		

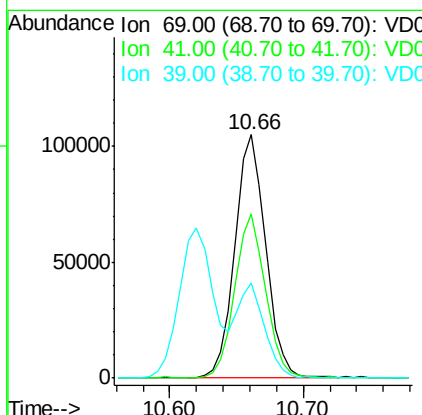
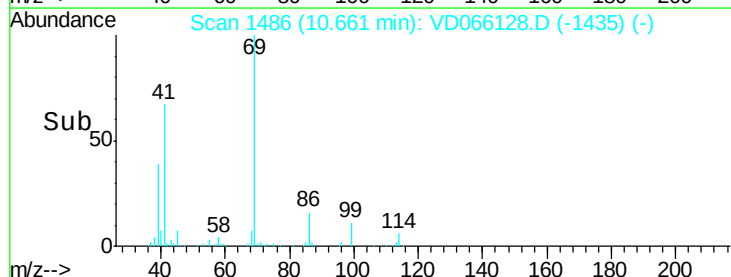
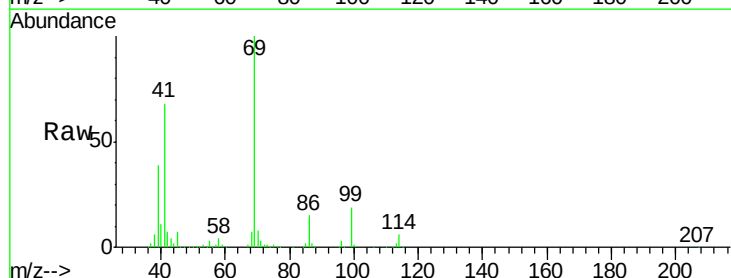
Manual Integrations
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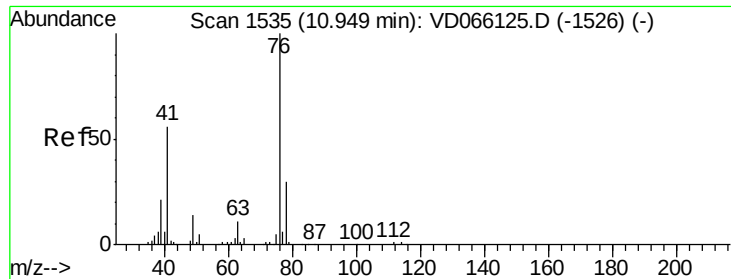
MMDadoda
 8/6/2020 1:54:31 PM



#56
 Ethyl methacrylate
 Concen: 54.340 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		168920		
41	67.7	54.1	81.1		
39	34.9	28.6	43.0		





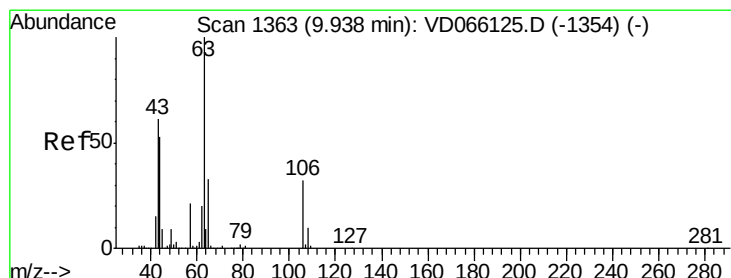
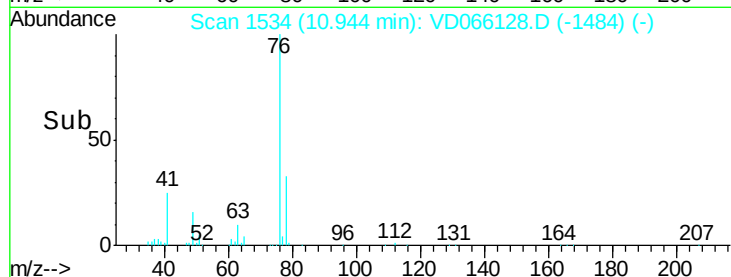
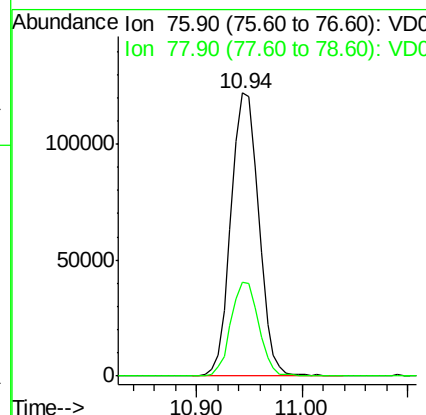
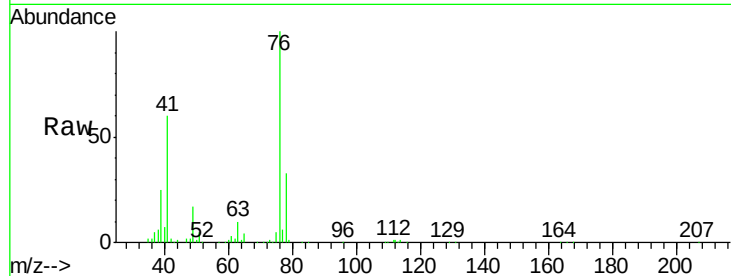
#57
 1,3-Dichloropropane
 Concen: 51.780 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.5	38.3

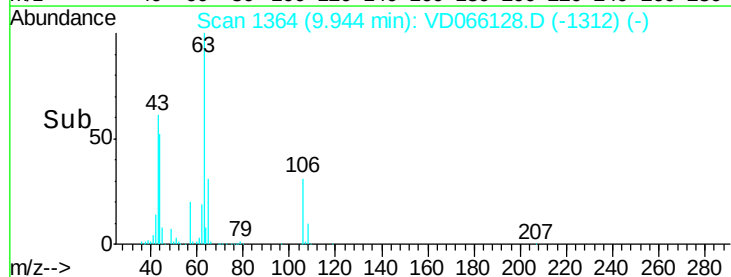
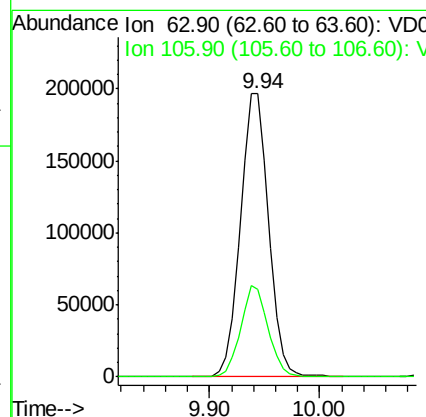
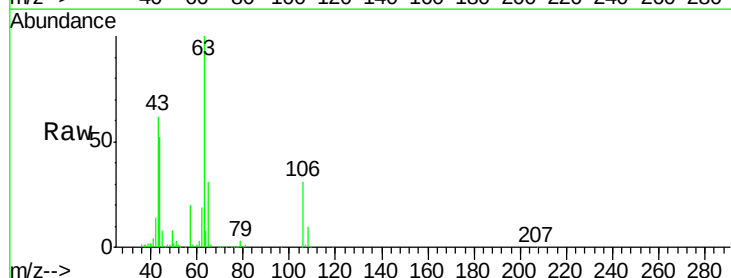
Manual Integrations
 APPROVED

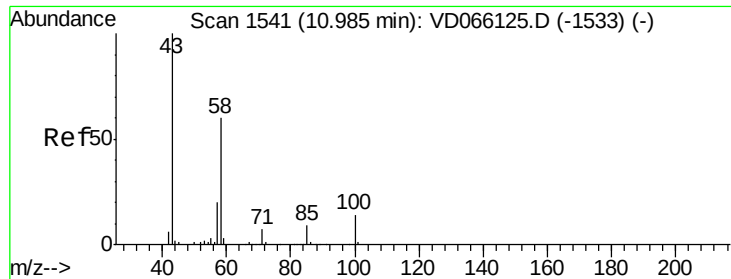
MMDadoda
 8/6/2020 1:54:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.388 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.4	25.3	37.9





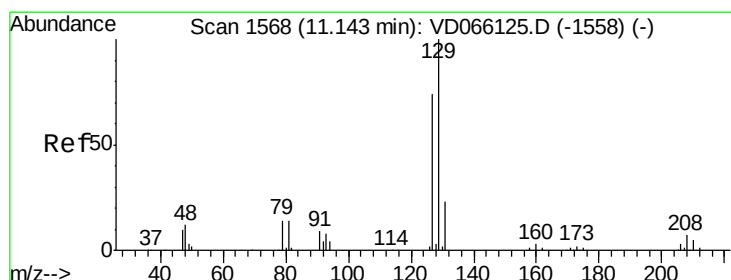
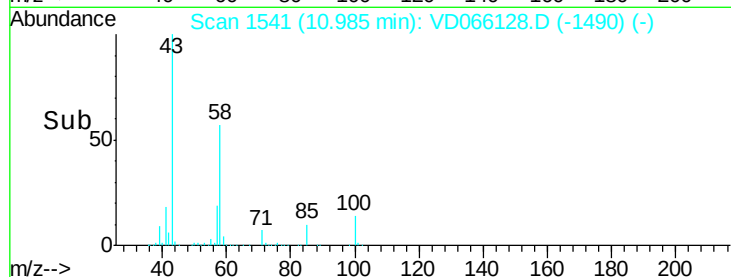
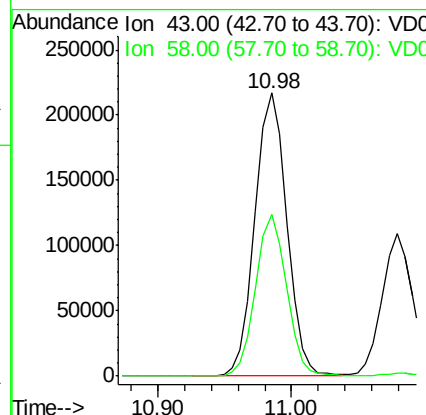
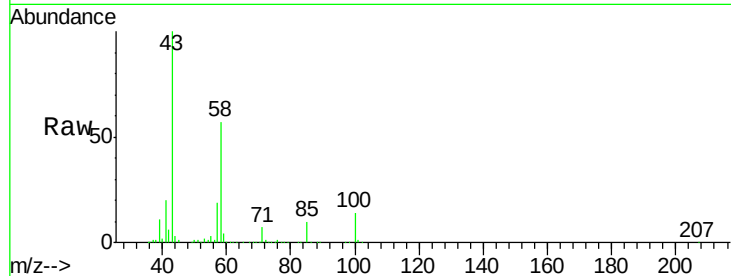
#59
2-Hexanone
Concen: 264.111 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	43	Resp	357411
Ion Ratio	43	100	
Lower	58	55.5	27.8
Upper			83.4

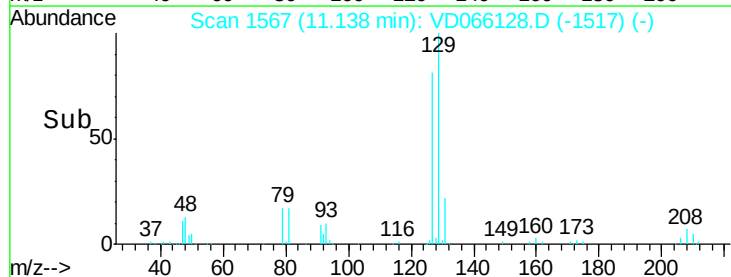
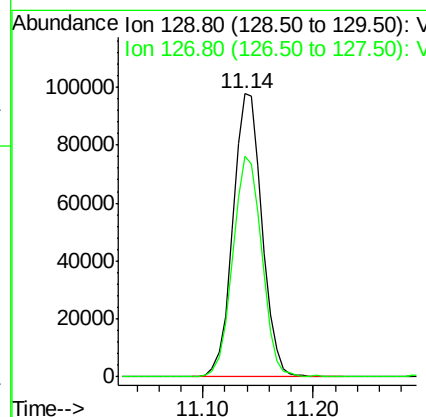
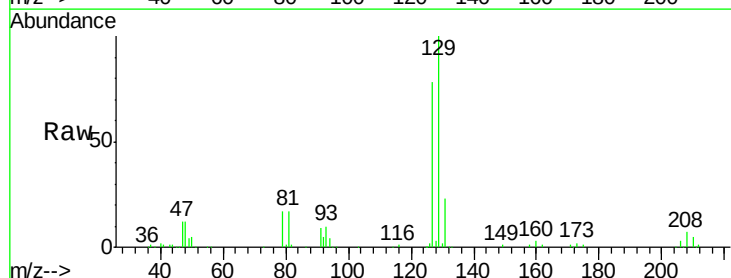
Manual Integrations
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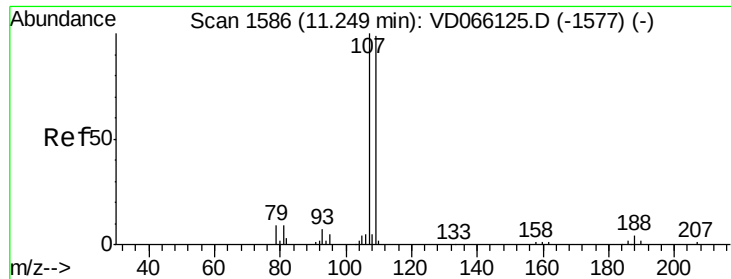
MMDadoda
8/6/2020 1:54:31 PM



#60
Dibromochloromethane
Concen: 50.576 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	129	Resp	180685
Ion Ratio	129	100	
Lower	127	77.9	38.0
Upper			114.1





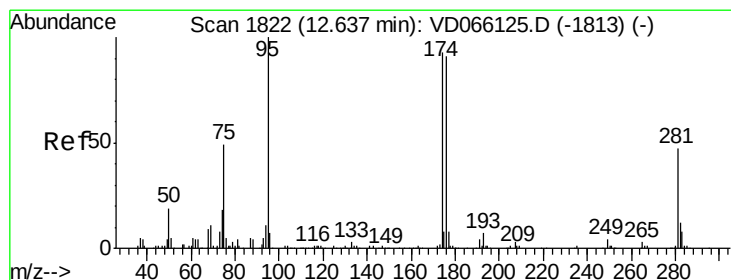
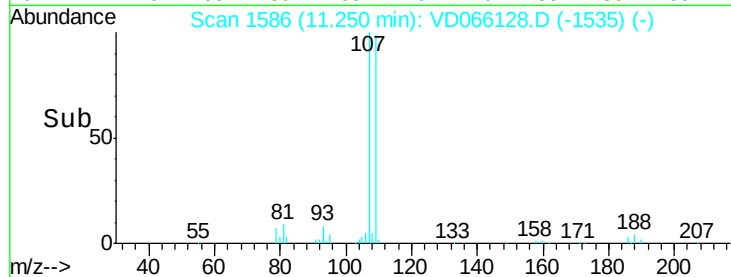
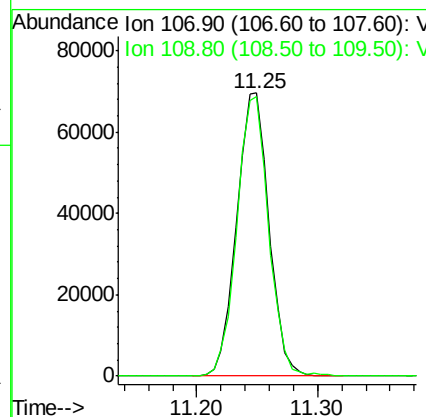
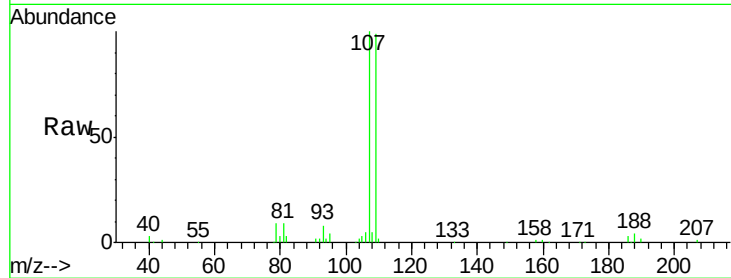
#61
 1,2-Dibromoethane
 Concen: 52.156 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	76.5	114.7

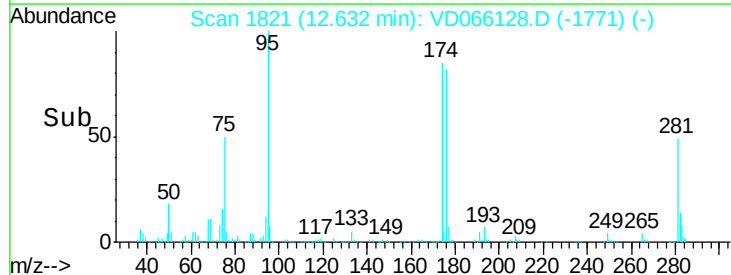
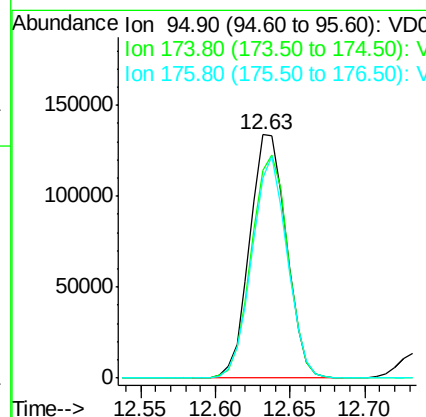
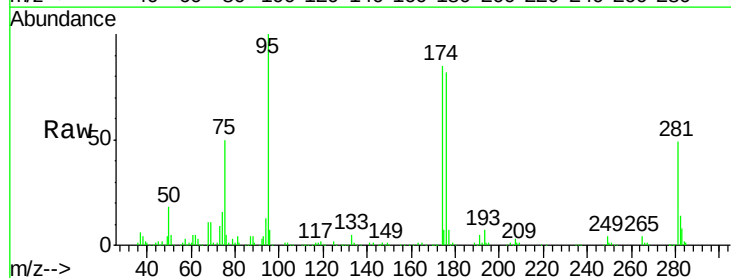
Manual Integrations
 APPROVED

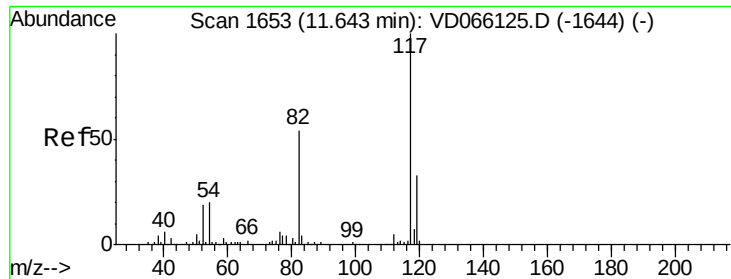
MMDadoda
 8/6/2020 1:54:31 PM



#62
 4-Bromofluorobenzene
 Concen: 52.794 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	180.8
176	87.1	0.0	181.2





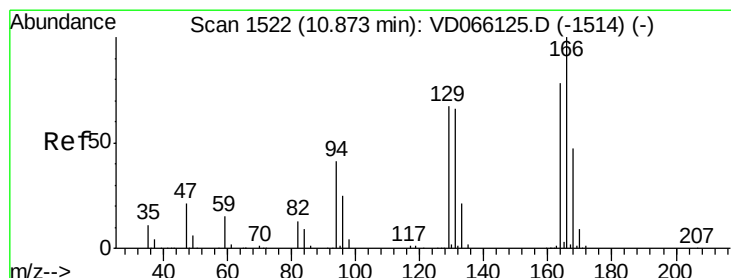
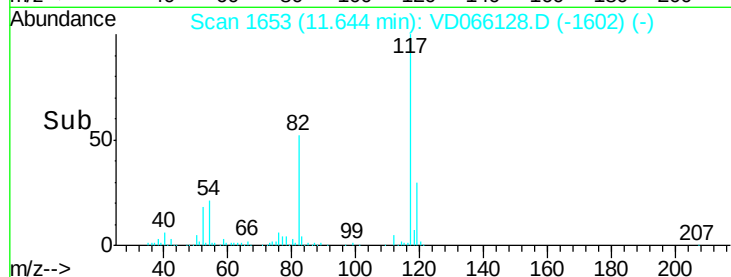
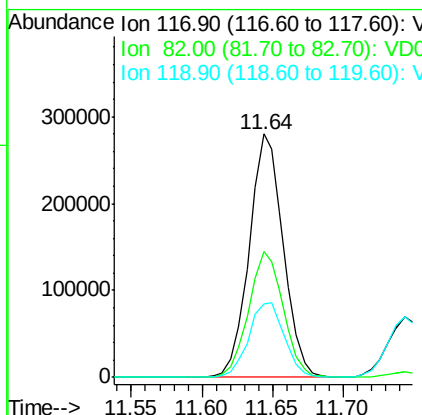
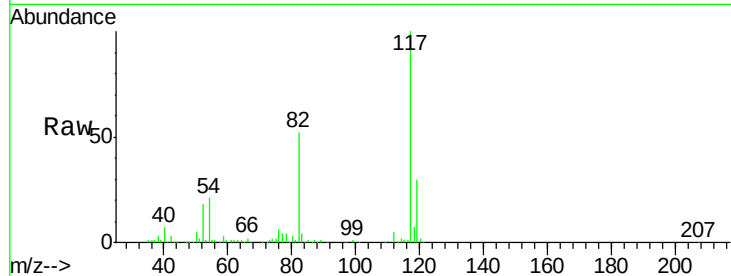
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
117	100	472939		
82	51.9	43.0	64.4	
119	30.2	26.1	39.1	

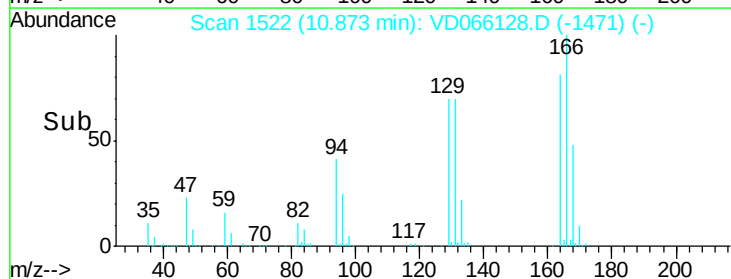
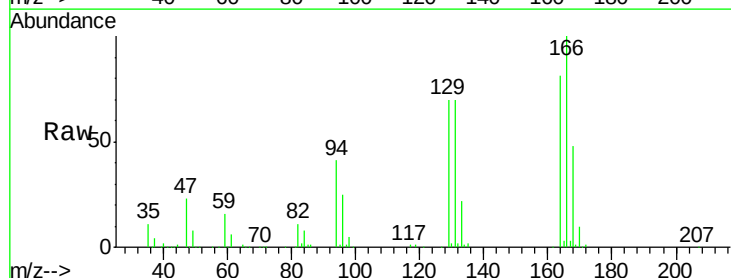
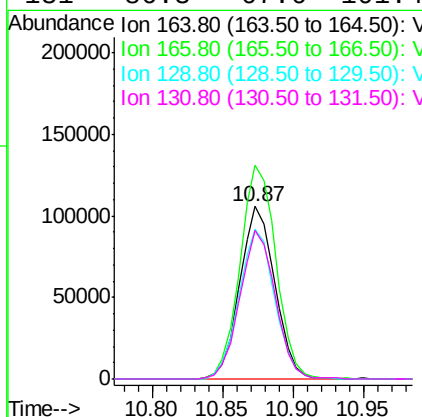
Manual Integrations
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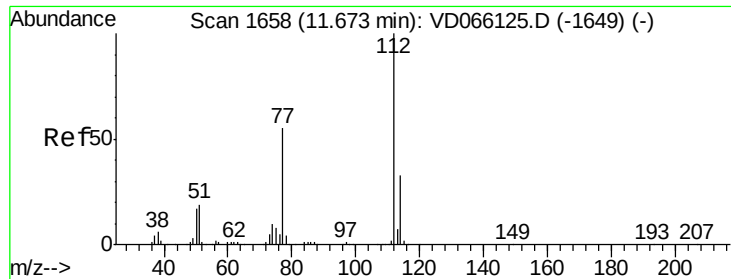
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#64
Tetrachloroethene
Concen: 50.892 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	184821		
166	123.9	101.9	152.9	
129	87.1	68.1	102.1	
131	86.3	67.6	101.4	





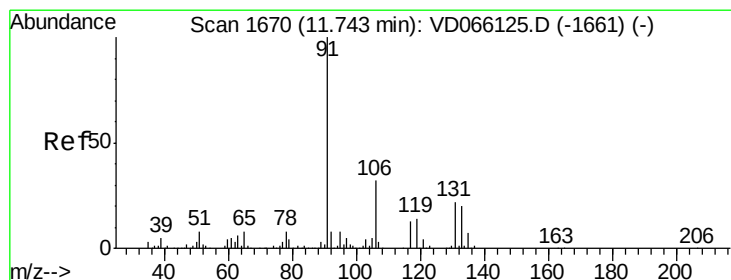
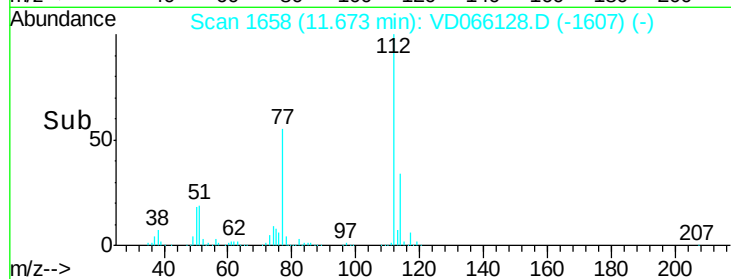
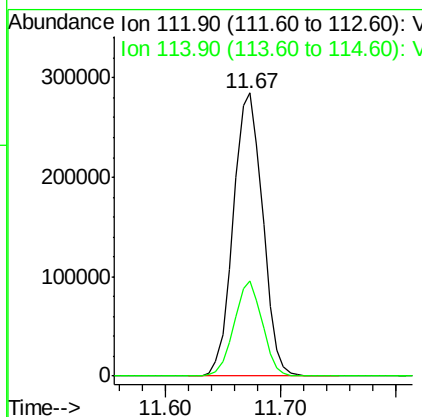
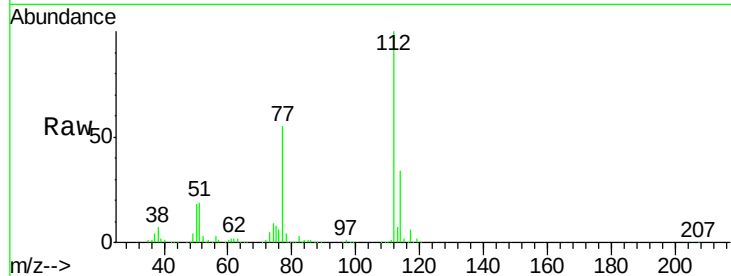
#65
Chlorobenzene
Concen: 52.249 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
112	100	501629		
114	33.9	26.1	39.1	

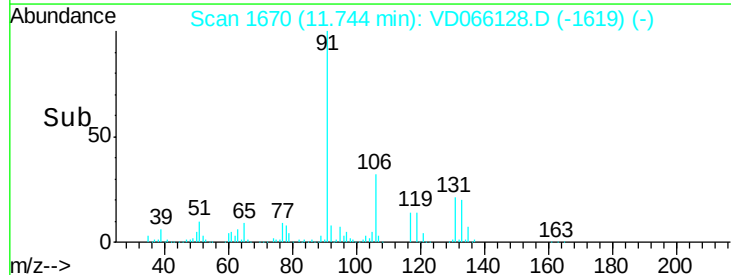
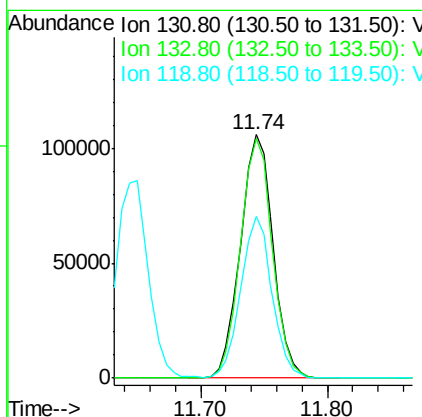
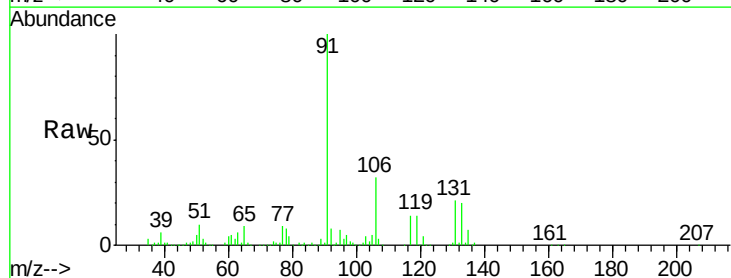
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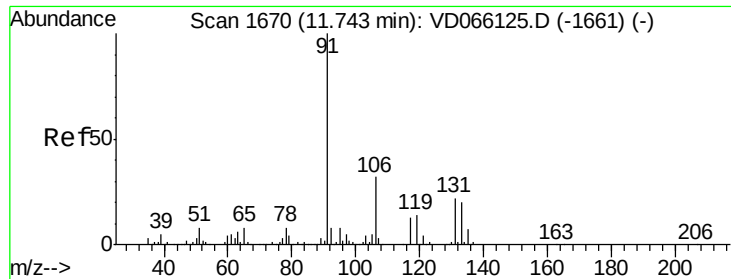
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8/6/2020 1:54:31 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.527 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	189805		
133	96.2	47.1	141.4	
119	63.6	31.6	94.7	





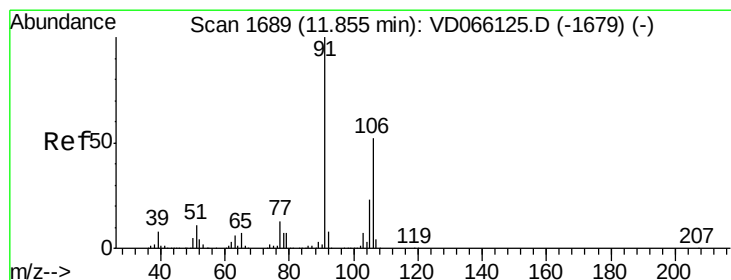
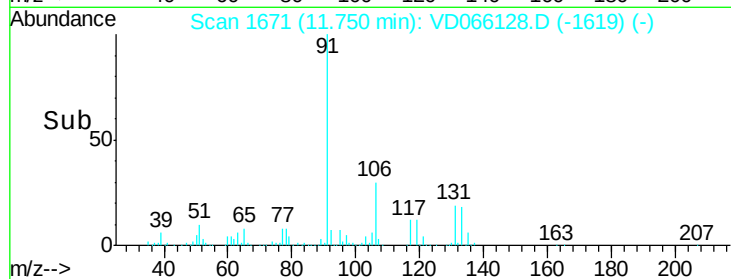
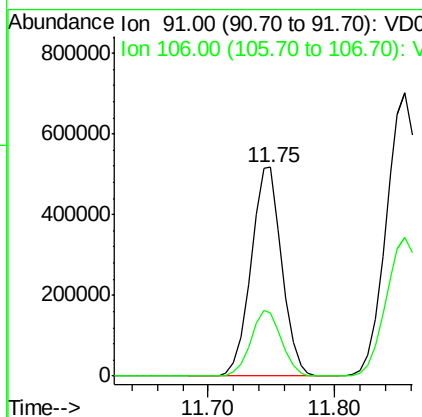
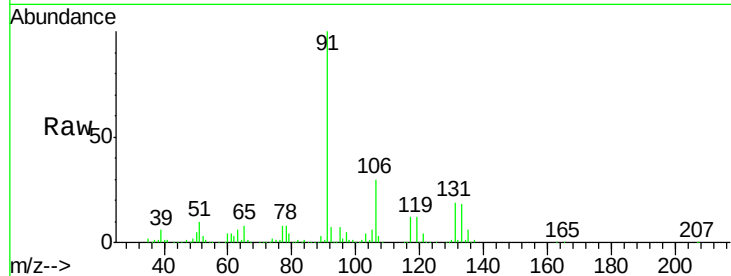
#67
Ethyl Benzene
Concen: 52.501 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	91	Resp	873472
Ion Ratio	Lower	Upper	
91	100		
106	30.5	25.7	38.5

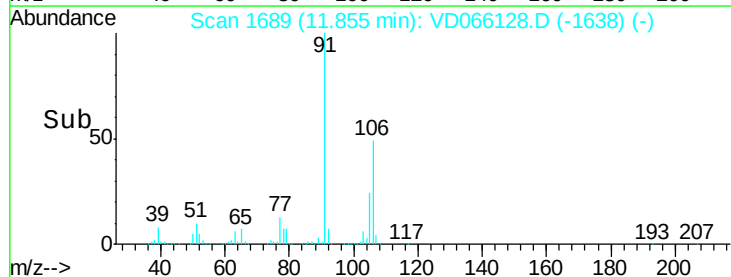
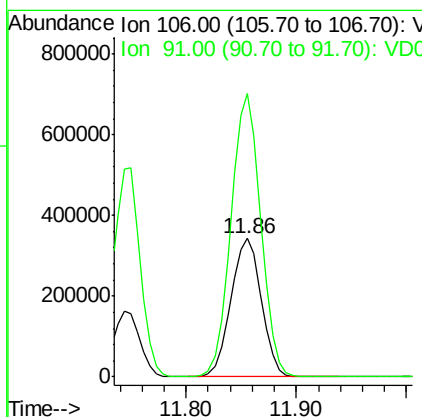
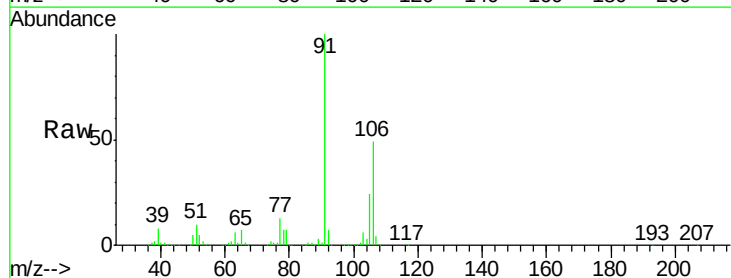
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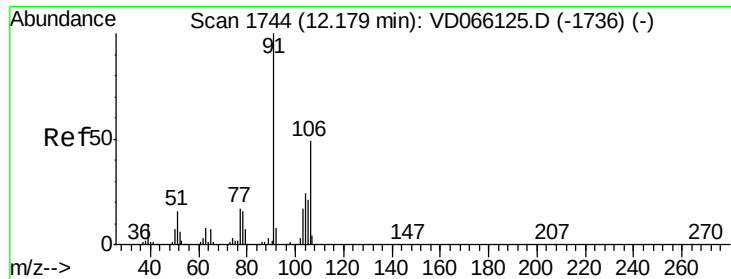
MMDadoda
8/6/2020 1:54:31 PM



#68
m/p-Xylenes
Concen: 103.045 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	106	Resp	664224
Ion Ratio	Lower	Upper	
106	100		
91	199.1	156.6	235.0





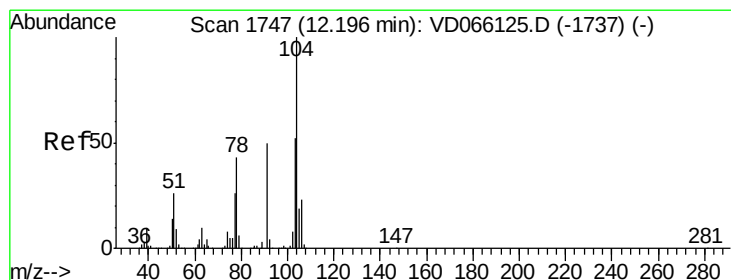
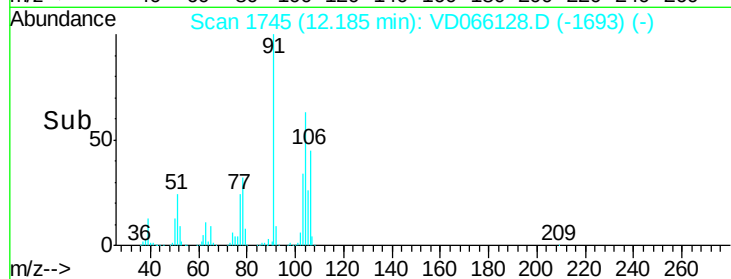
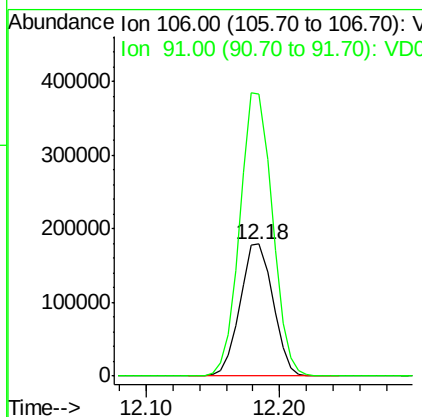
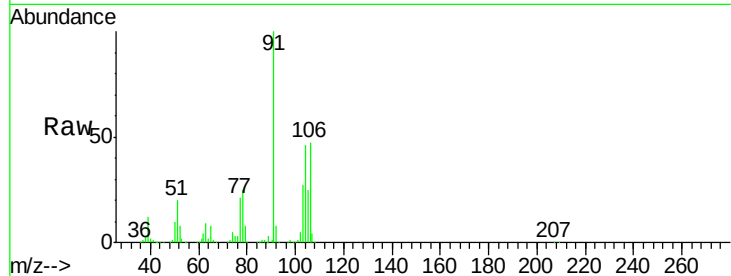
#69
o-Xylene
Concen: 52.563 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	308214		
91	91	210.9	105.7	317.1	

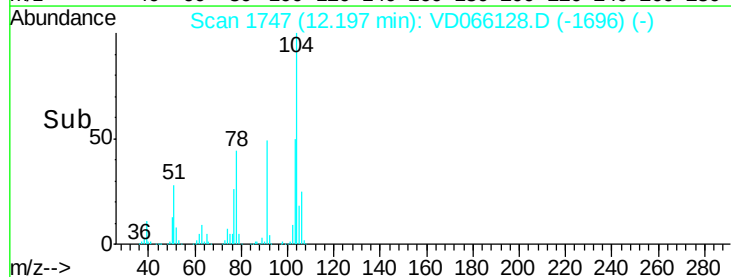
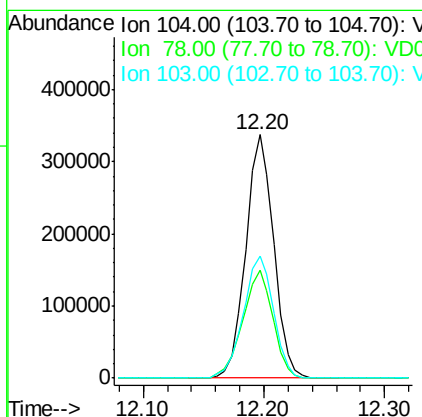
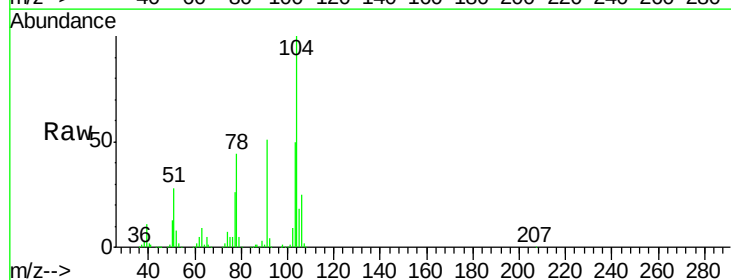
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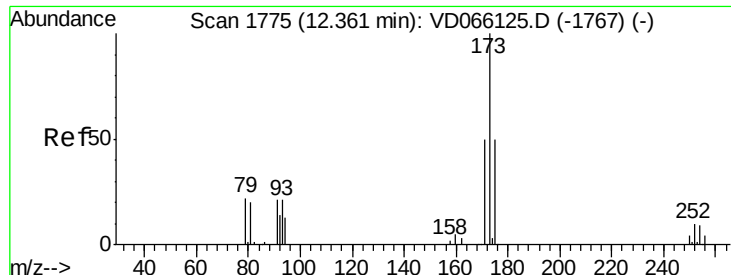
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#70
Styrene
Concen: 52.890 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	543515		
78	78	48.2	38.6	58.0	
103	103	54.4	44.1	66.1	





#71

Bromoform

Concen: 50.547 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

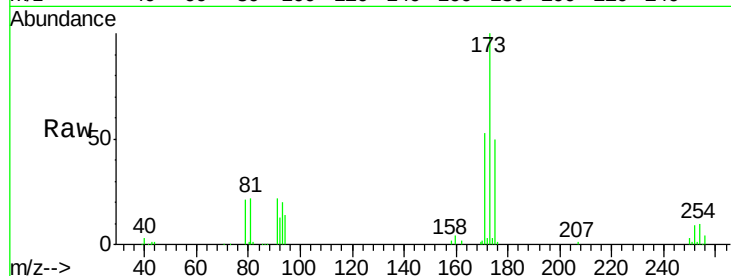
ClientSampleId :

ICVVD080520

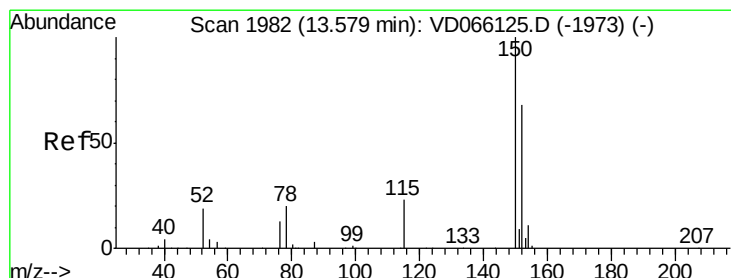
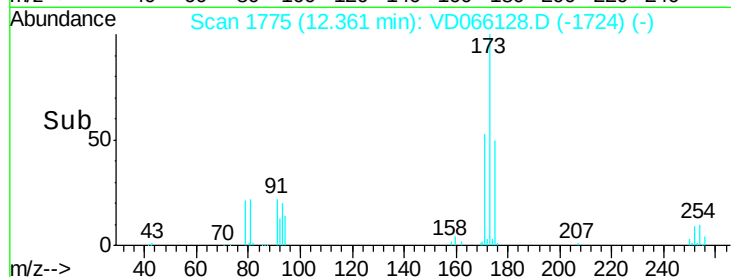
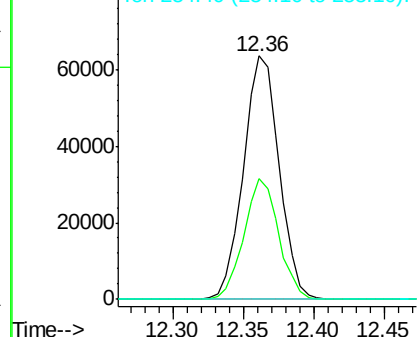
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.6
254	0.1	0.2	0.2

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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

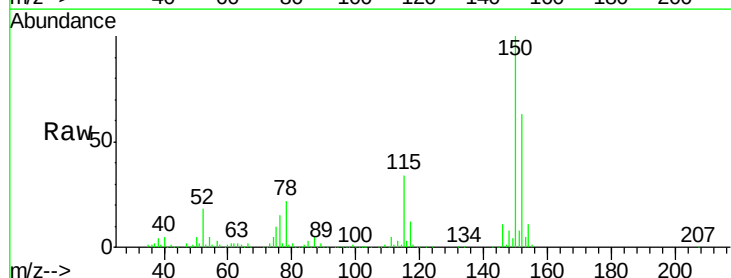
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

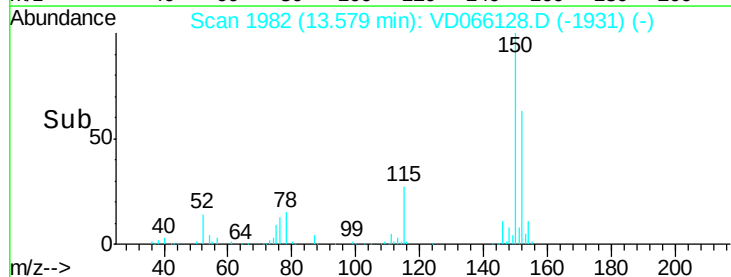
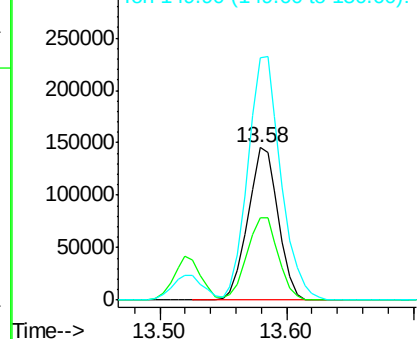
Lab File: VD066128.D

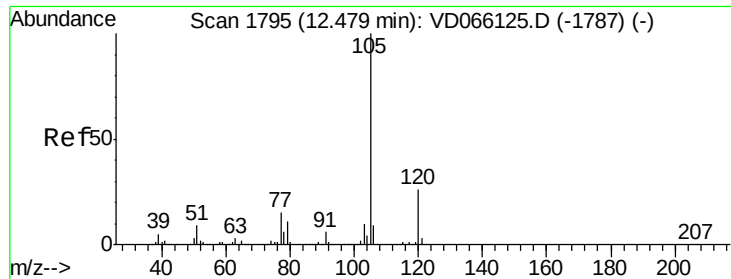
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	83.9
150	175.1	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: 53.422 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion: 105 Resp: 855559

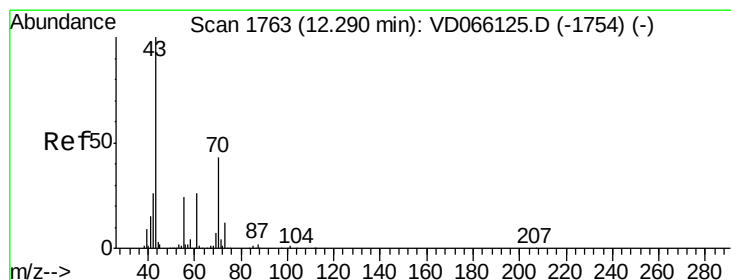
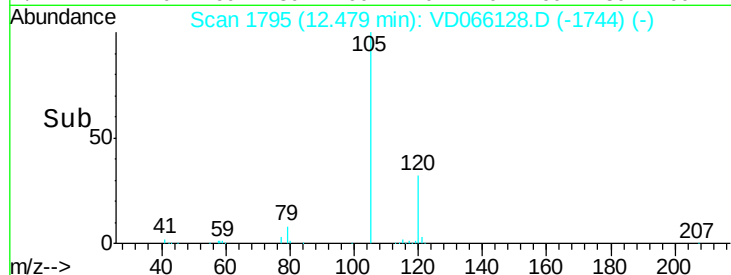
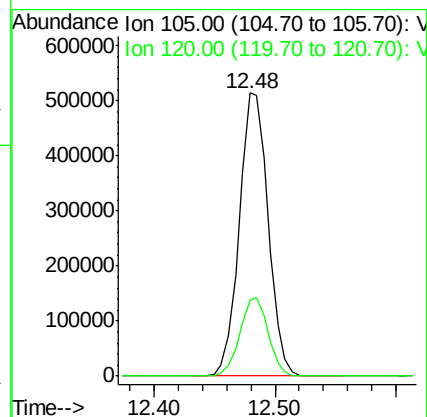
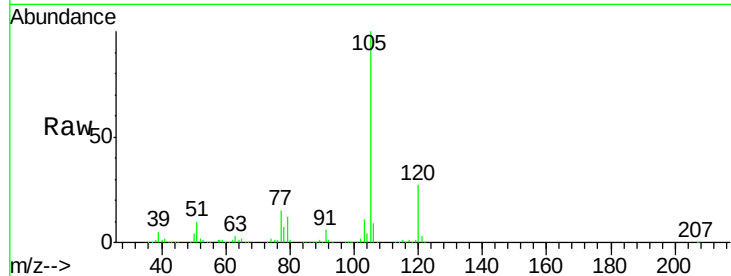
Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9

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#74

N-ethyl acetate

Concen: 55.264 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion: 43 Resp: 194897

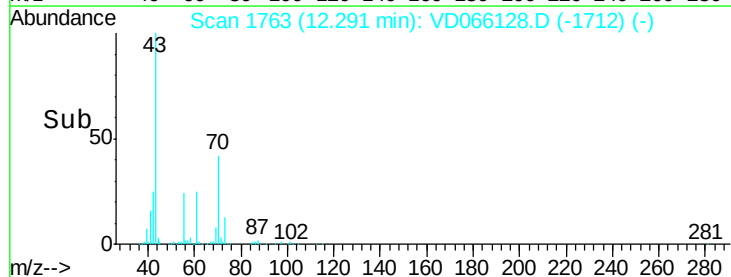
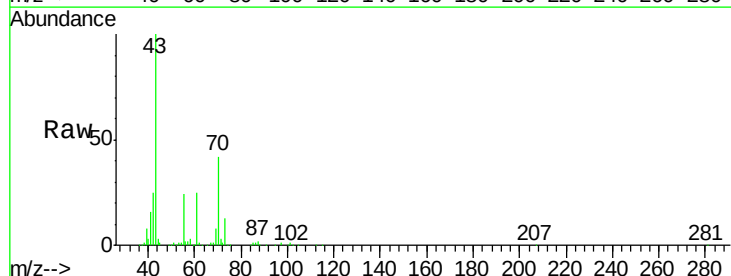
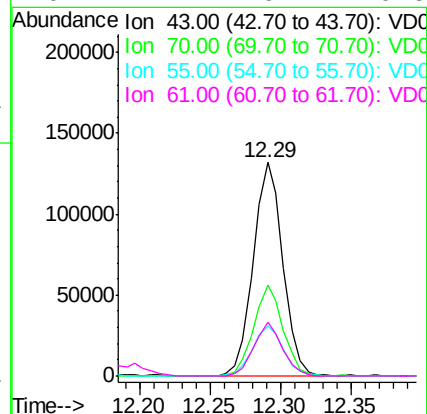
Ion Ratio Lower Upper

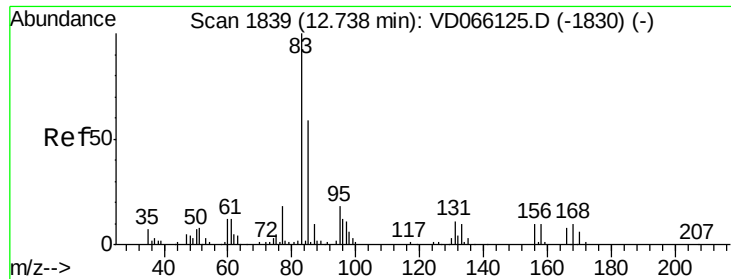
43 100

70 42.0 34.9 52.3

55 24.5 19.2 28.8

61 24.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.543 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

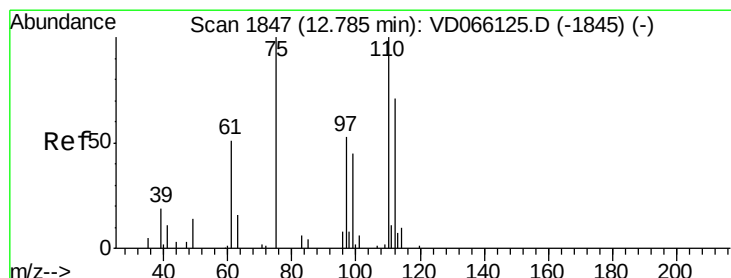
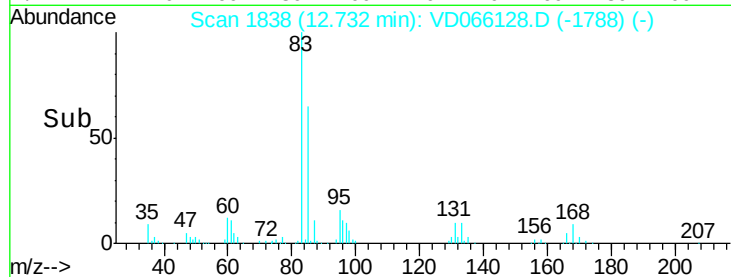
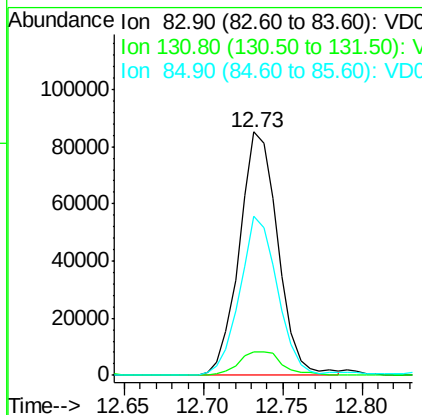
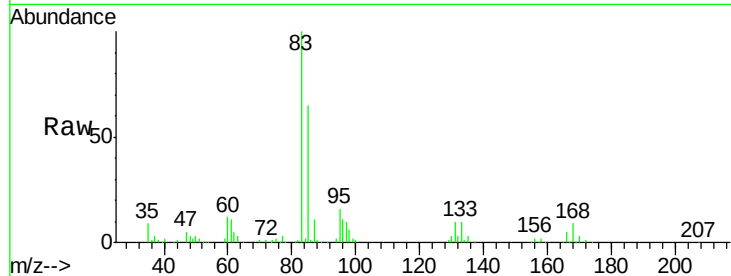
ClientSampleId :

ICVVD080520

Tot Ion:	83	Resp:	143487
Ion Ratio	Lower	Upper	
83	100		
131	11.0	6.2	18.6
85	63.8	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 50.373 ug/l m

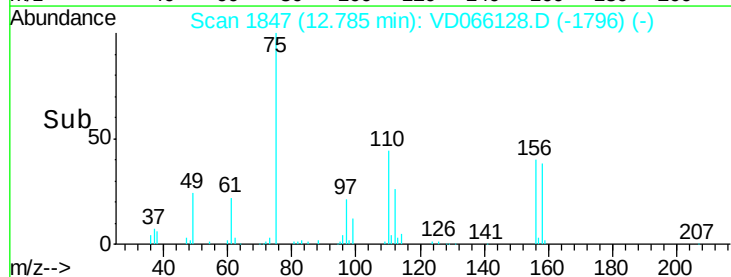
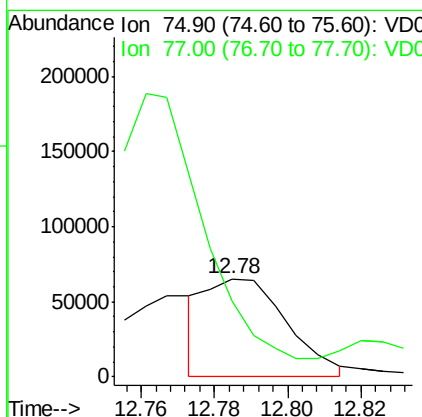
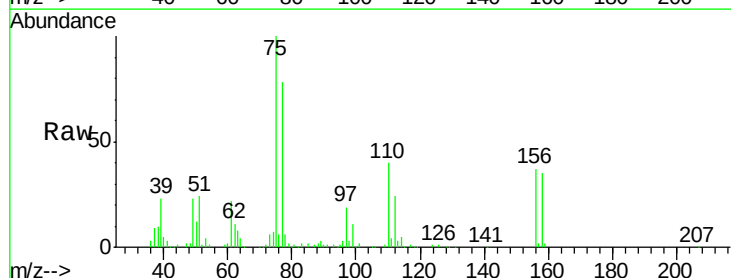
RT: 12.78 min Scan# 1847

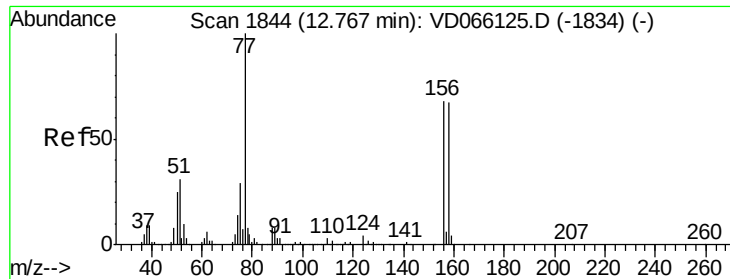
Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion:	75	Resp:	100784
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.865 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

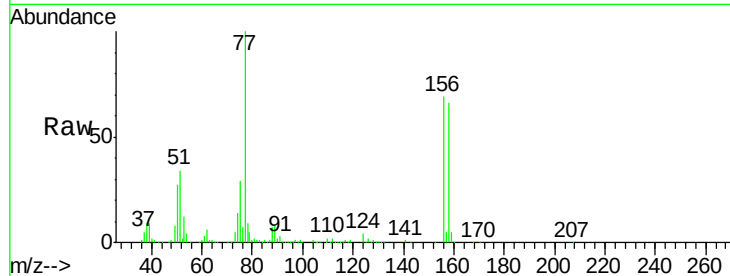
ClientSampleId :

ICVVD080520

Tot Ion:	156	Resp:	217944
Ion	Ratio	Lower	Upper
156	100		
77	164.2	81.0	243.1
158	95.9	48.8	146.3

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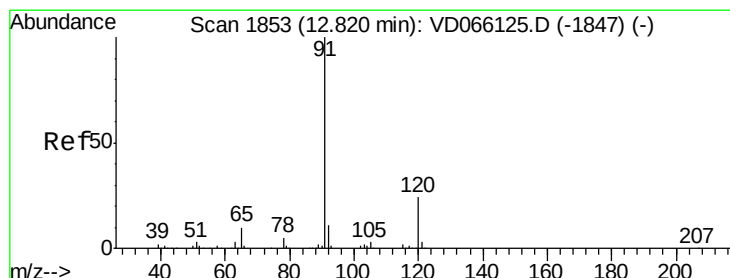
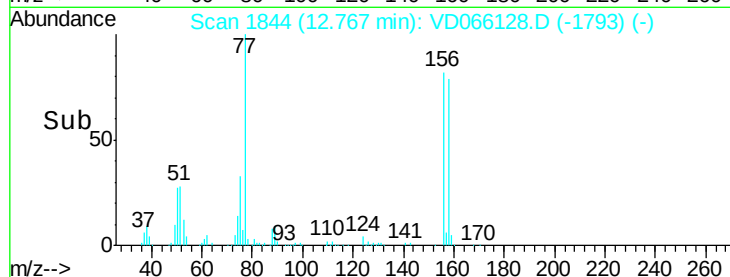
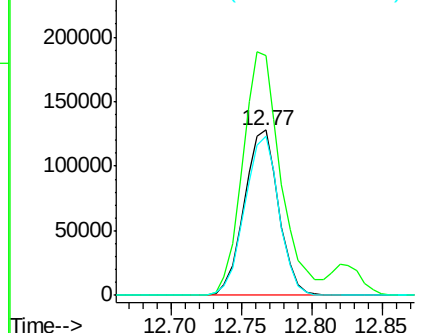
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.055 ug/l

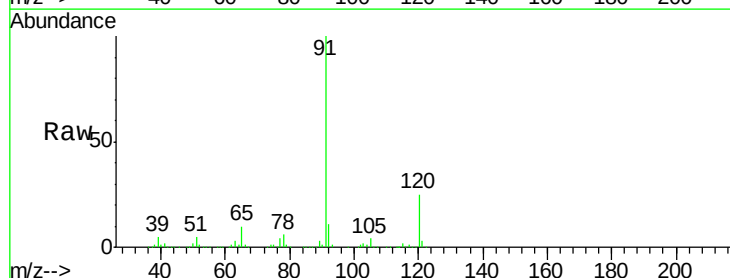
RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066128.D

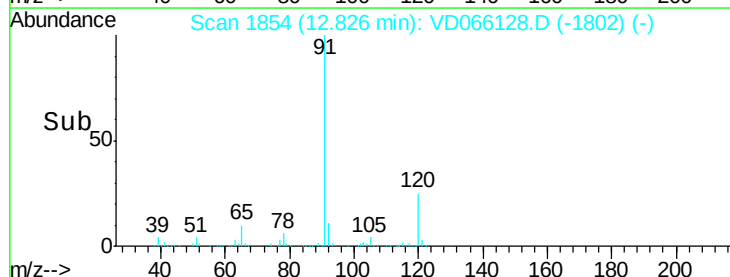
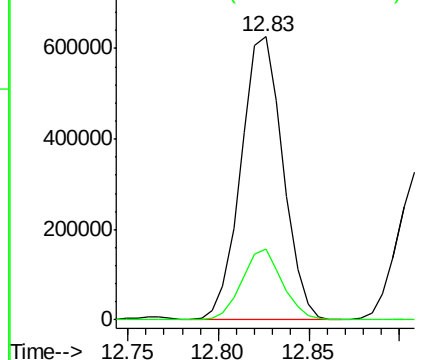
Acq: 05 Aug 2020 13:49

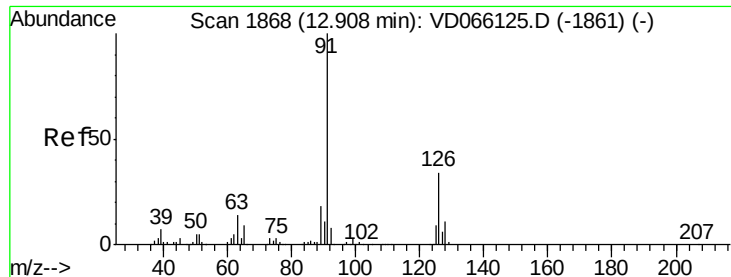
Tgt Ion:	91	Resp:	1006317
Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.734 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion: 91 Resp: 561479

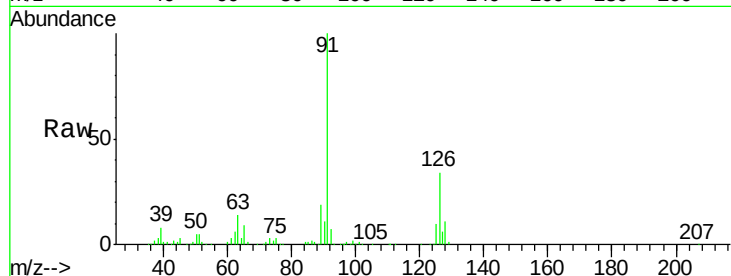
Ion Ratio Lower Upper

91 100

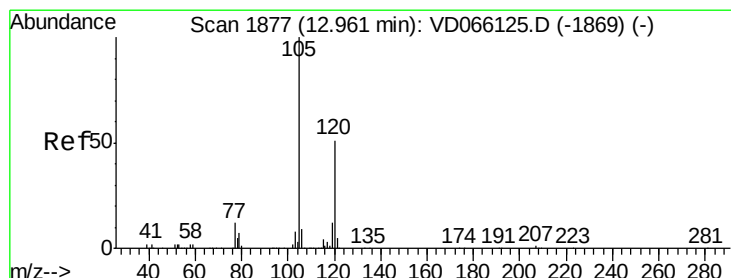
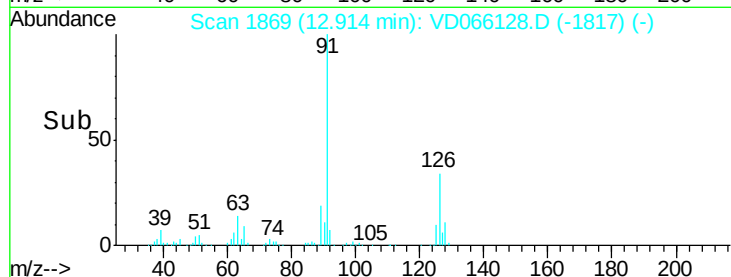
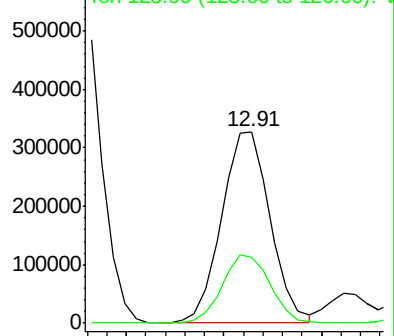
126 35.3 17.5 52.6

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Abundance Ion 91.00 (90.70 to 91.70): VD066128.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.452 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD066128.D

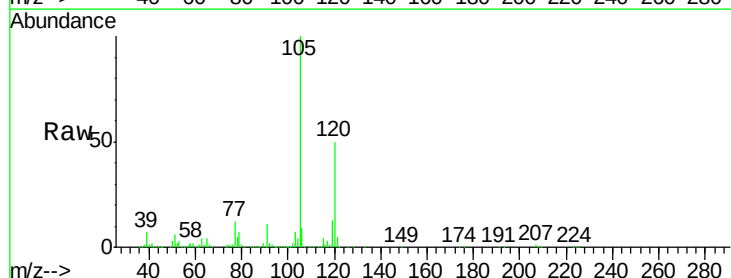
Acq: 05 Aug 2020 13:49

Tgt Ion: 105 Resp: 715914

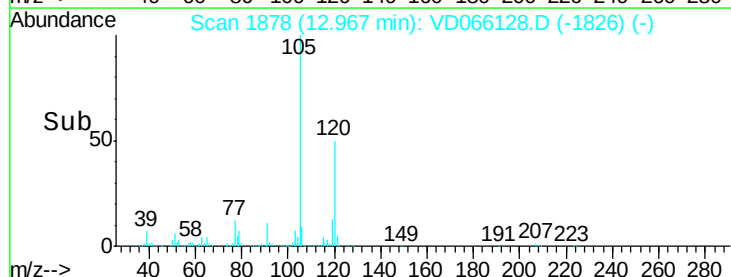
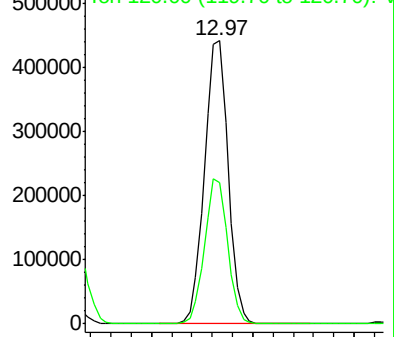
Ion Ratio Lower Upper

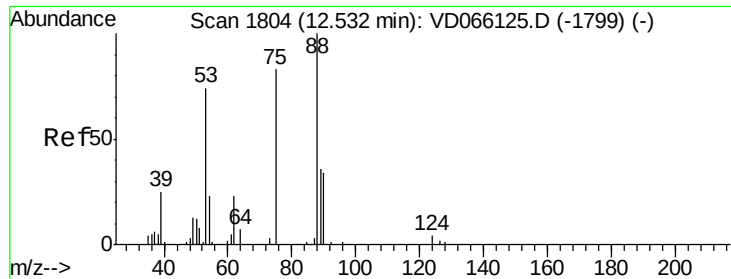
105 100

120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066128.D (-1826) (-)





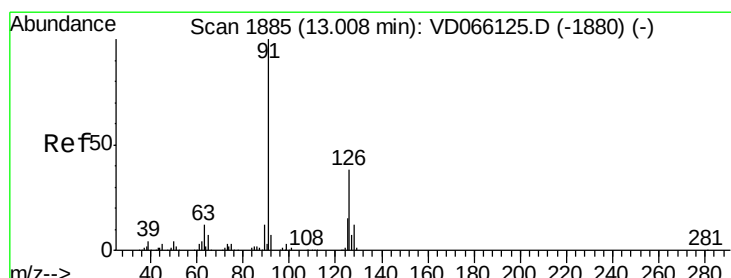
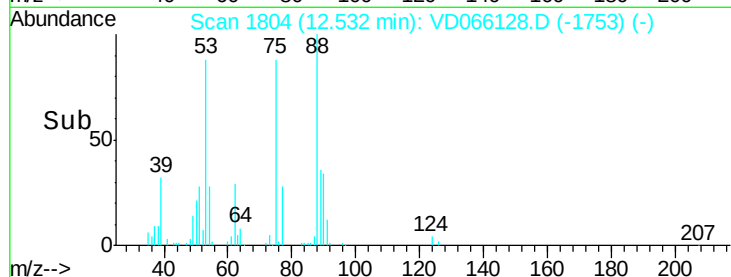
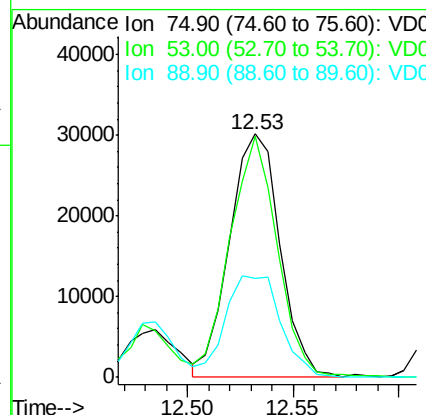
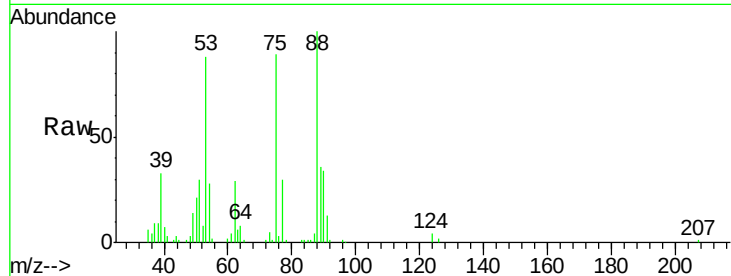
#81
trans-1,4-Dichloro-2-butene
Concen: 54.997 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	73.4	110.2
89	46.0	36.6	55.0

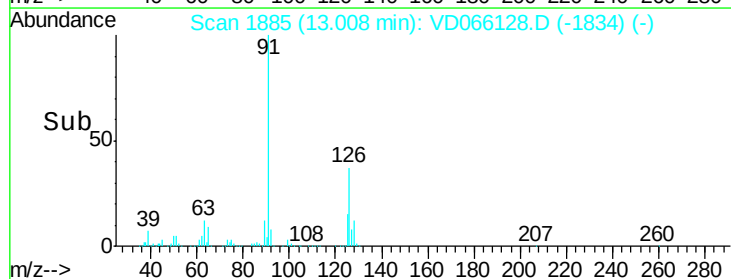
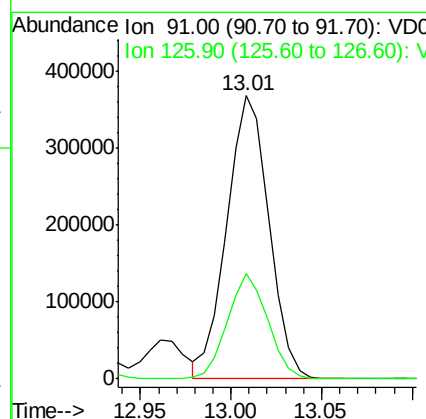
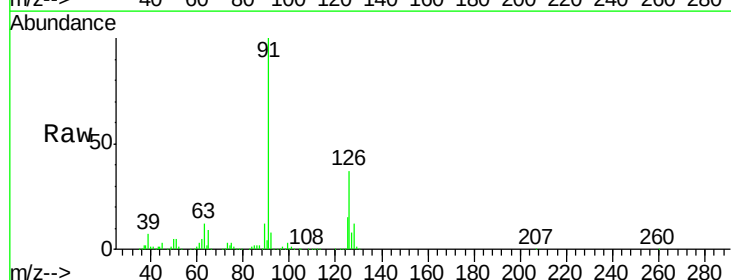
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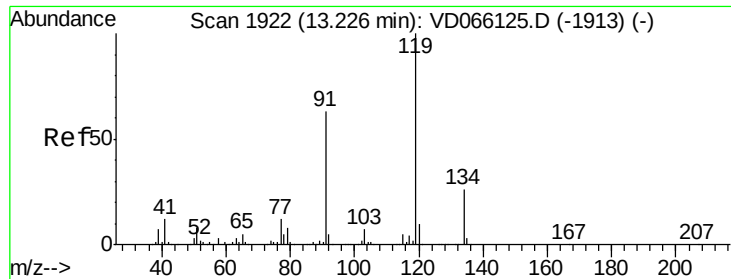
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#82
4-Chlorotoluene
Concen: 52.695 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.8	53.3





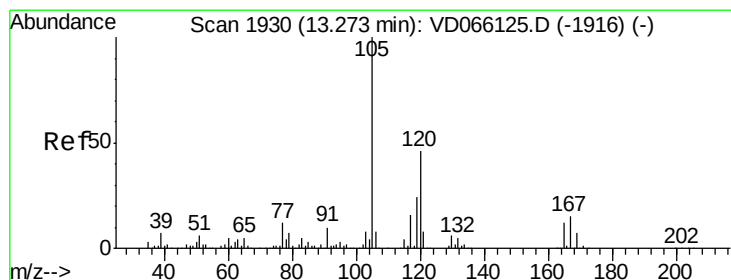
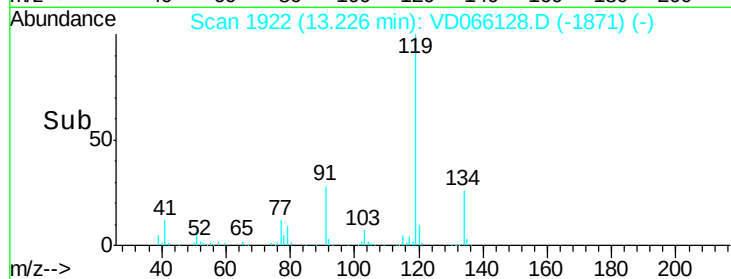
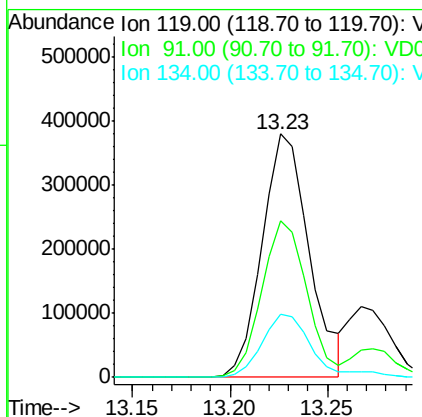
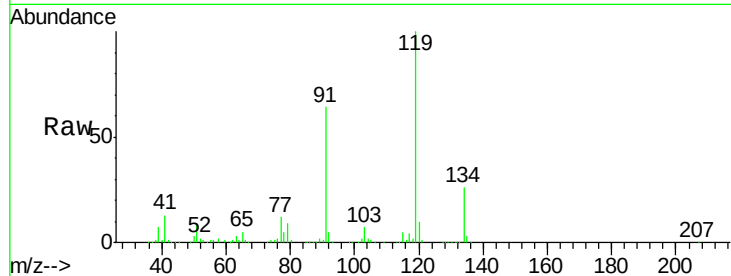
#83
 tert-Butylbenzene
 Concen: 53.842 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
119	100	634201		
91	61.5		30.8	92.4
134	27.6		13.6	40.8

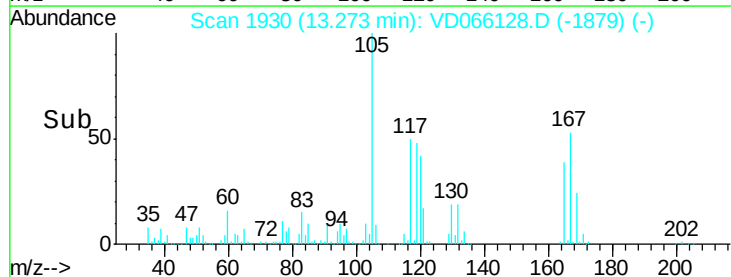
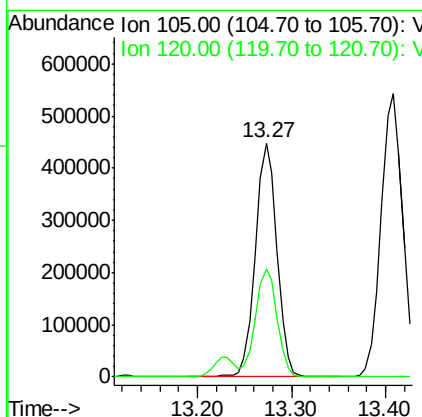
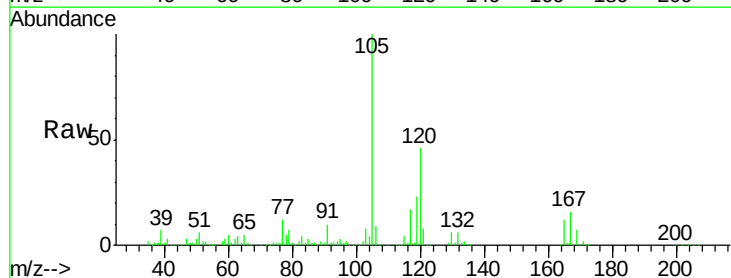
Manual Integrations
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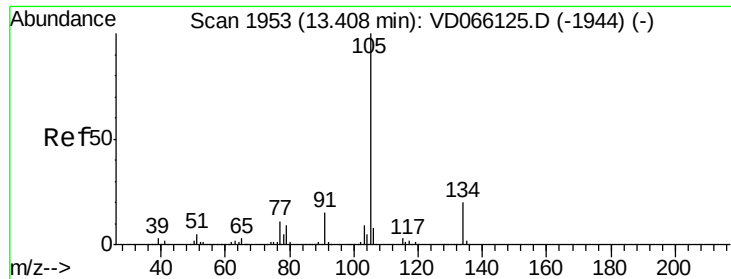
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.066 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	711292		
120	46.5		23.1	69.2





#85

sec-Butylbenzene

Concen: 54.149 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

ICVVD080520

Tot Ion:105 Resp: 861133

Ion Ratio Lower Upper

105 100

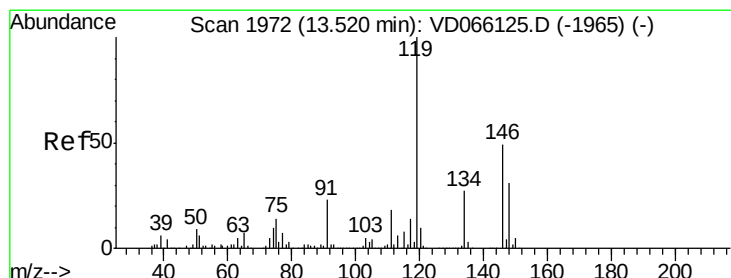
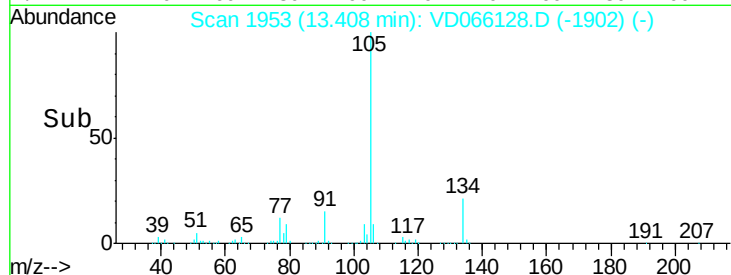
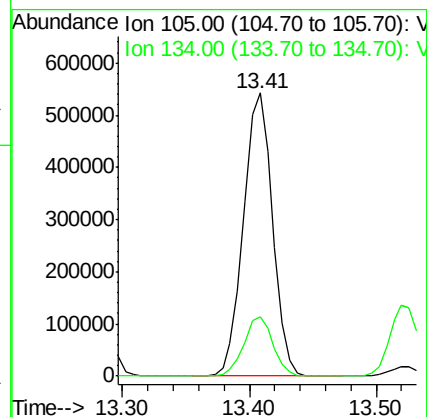
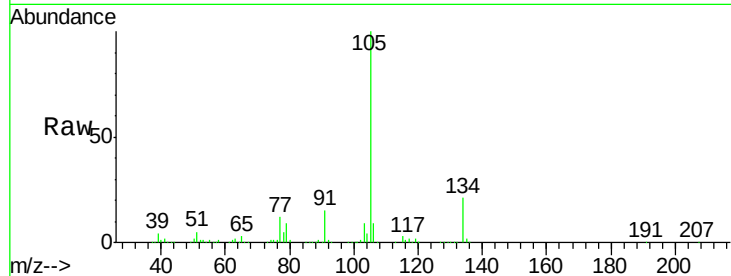
134 20.9 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 53.181 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

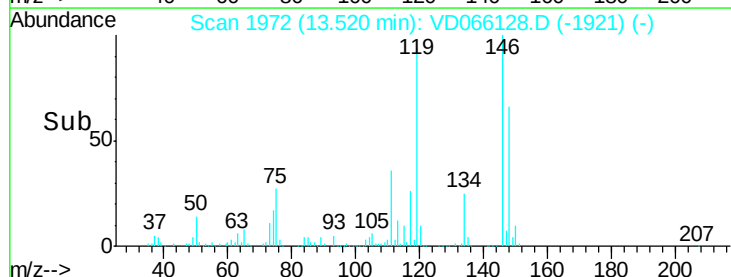
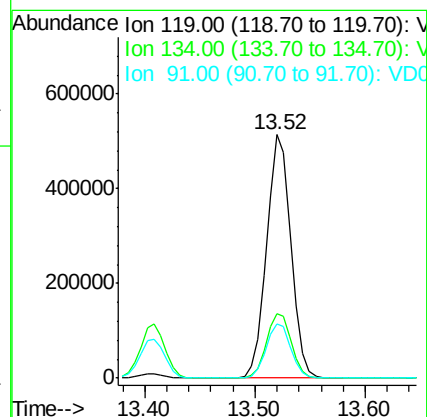
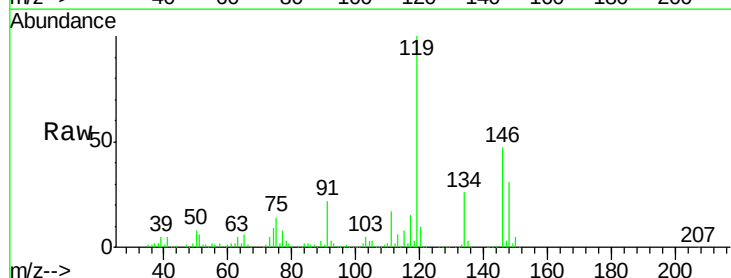
Tgt Ion:119 Resp: 793219

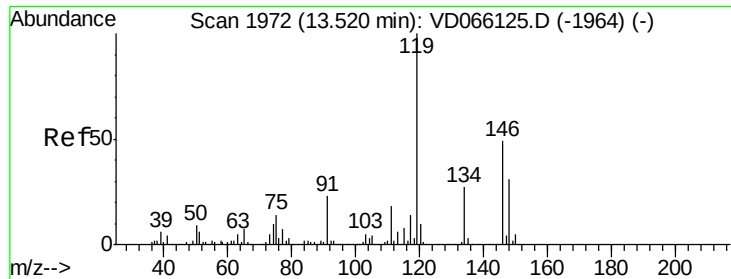
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 51.467 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066128.D

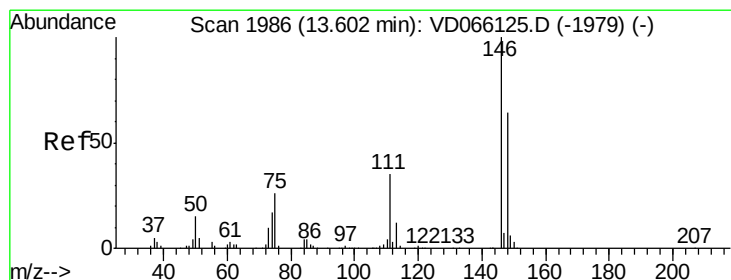
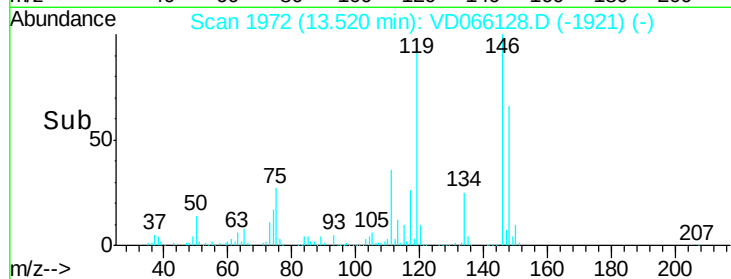
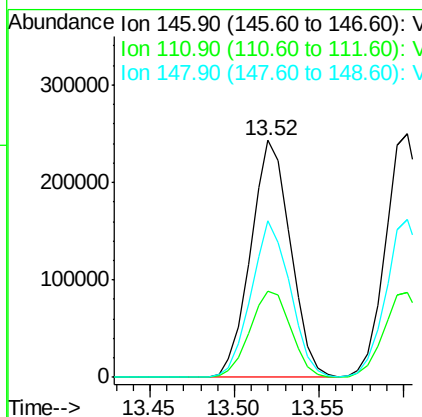
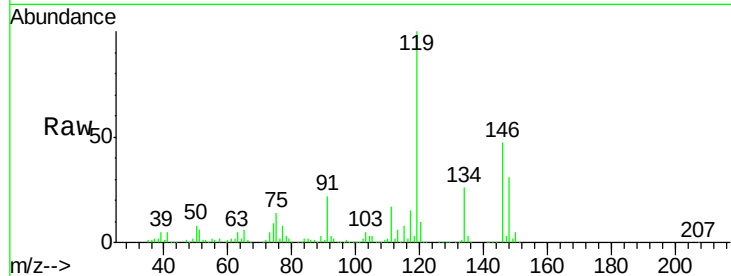
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
146	100	398780		
111	37.5	18.9	56.9	
148	64.6	31.8	95.3	

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#88

1,4-Dichlorobenzene

Concen: 52.894 ug/l

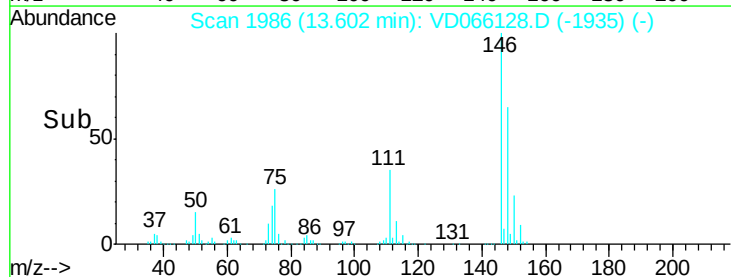
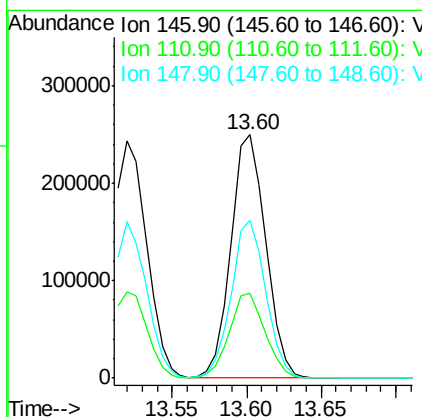
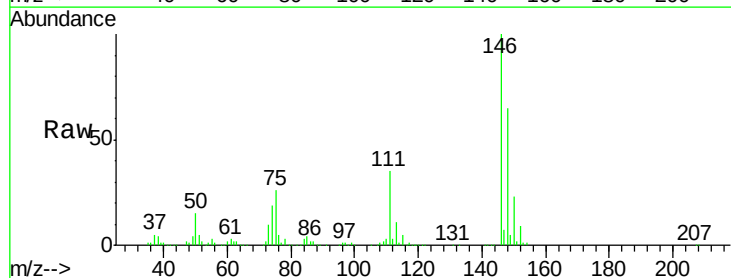
RT: 13.60 min Scan# 1986

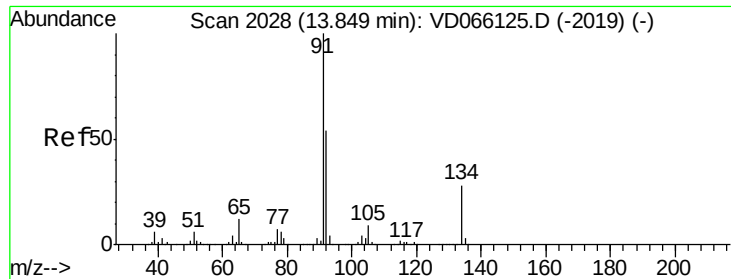
Delta R.T. 0.00 min

Lab File: VD066128.D

Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	408728		
111	35.9	18.6	55.8	
148	63.9	32.4	97.0	





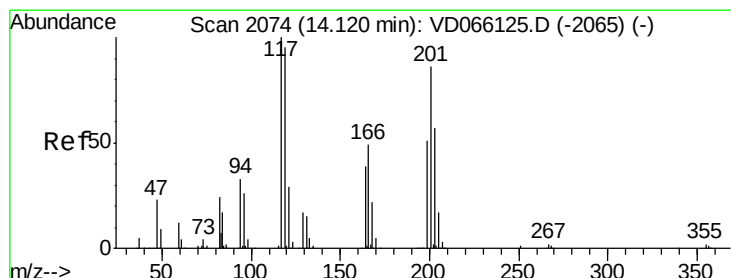
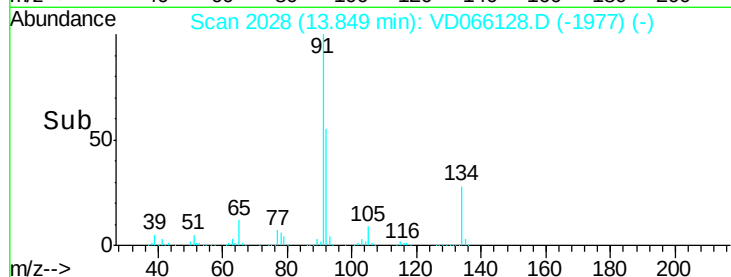
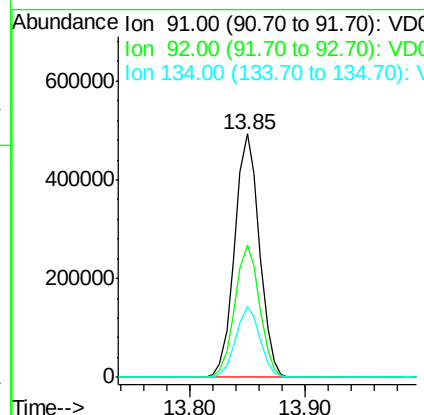
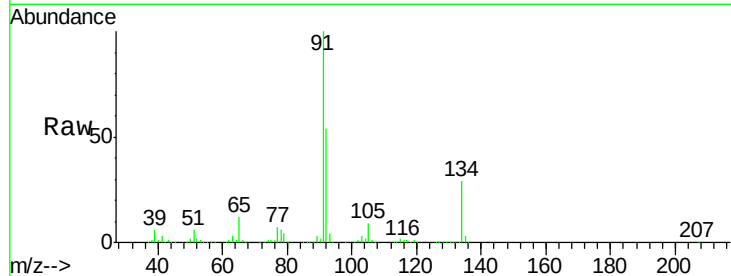
#89
n-Butylbenzene
Concen: 54.589 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.4	26.8	80.3	
134	28.4	14.0	41.9	

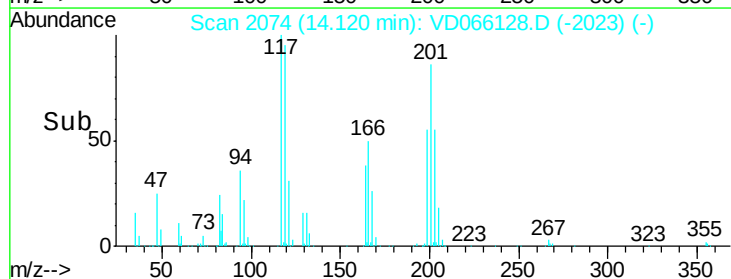
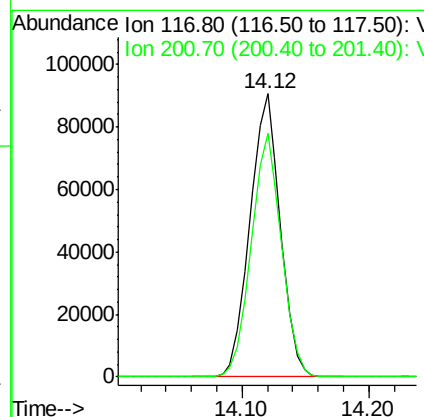
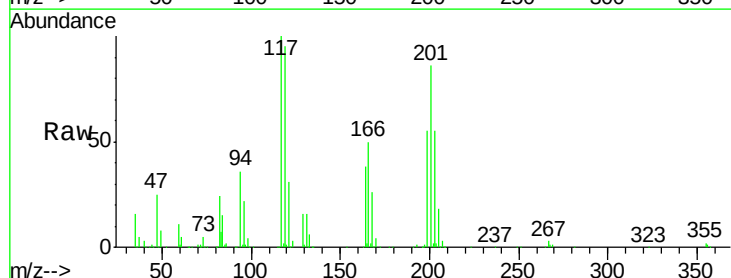
Manual Integrations
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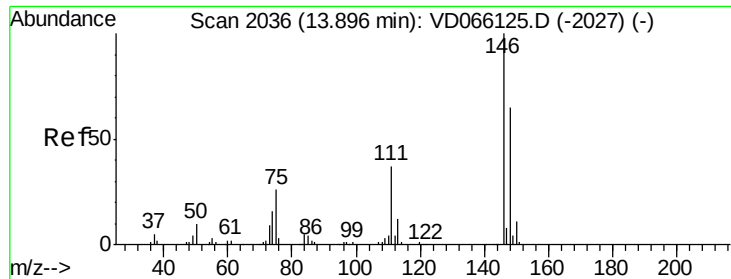
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#90
Hexachloroethane
Concen: 50.811 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.4	42.7	128.1	





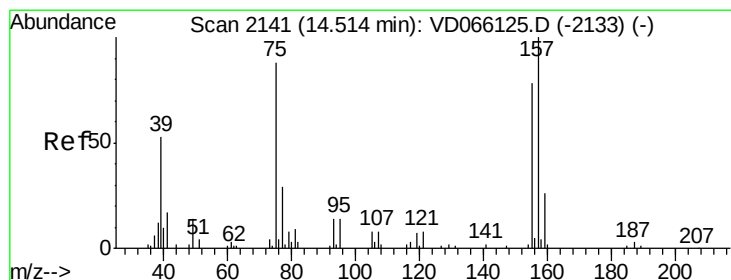
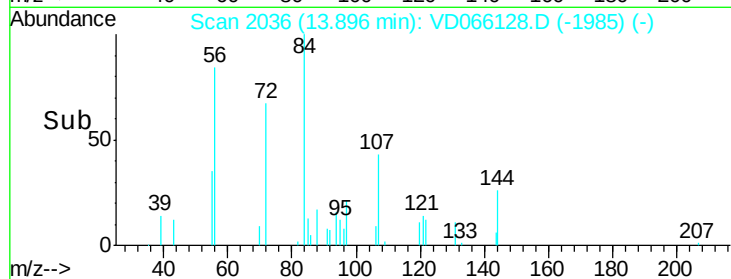
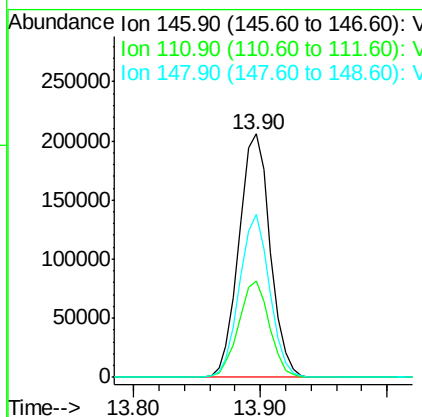
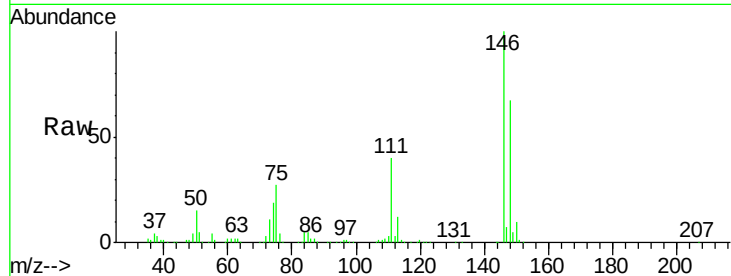
#91
 1,2-Dichlorobenzene
 Concen: 51.339 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.8	56.3
148	64.4	31.9	95.5

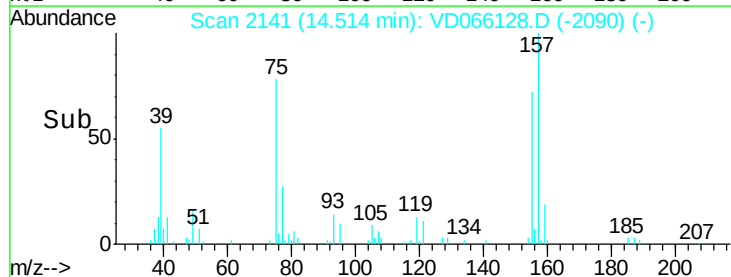
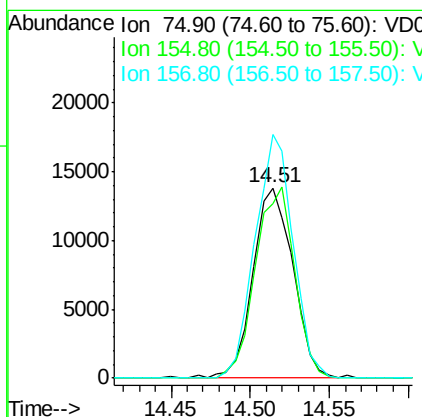
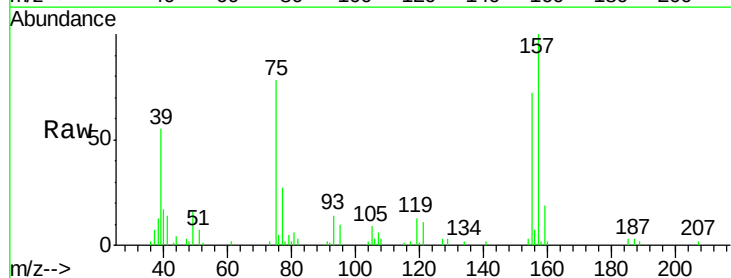
Manual Integrations
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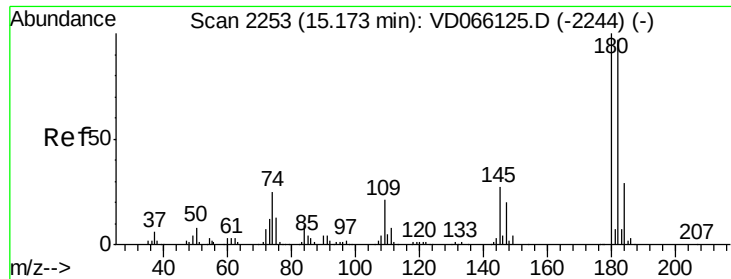
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 8/6/2020 1:54:31 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.684 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	47.7	143.1
157	122.0	62.1	186.2





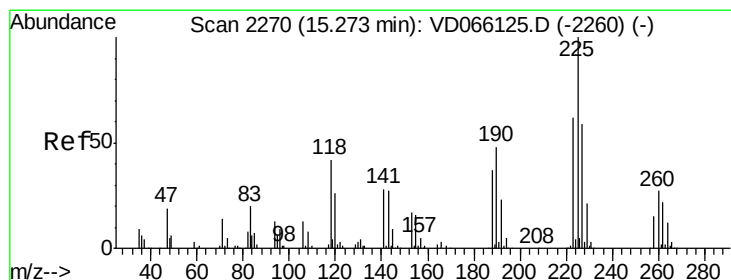
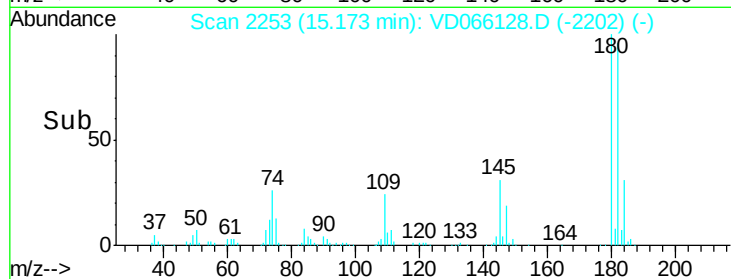
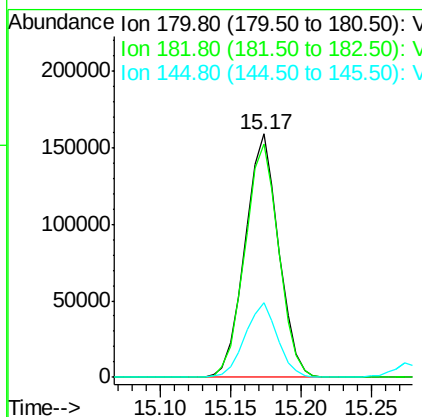
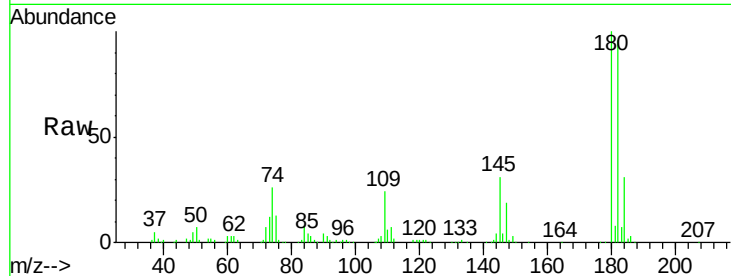
#93
 1,2,4-Trichlorobenzene
 Concen: 52.319 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
180	100	264200		
182	96.8	47.4	142.2	
145	29.7	14.5	43.6	

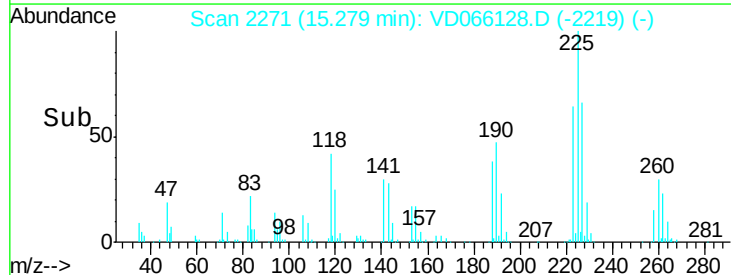
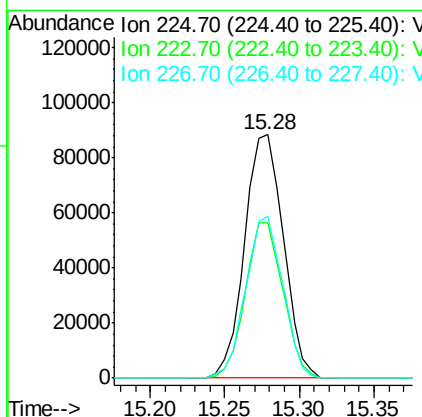
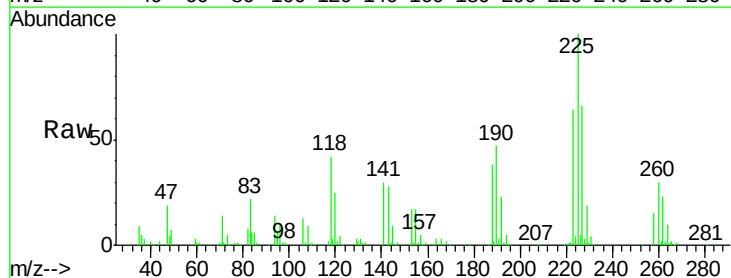
Manual Integrations
 APPROVED

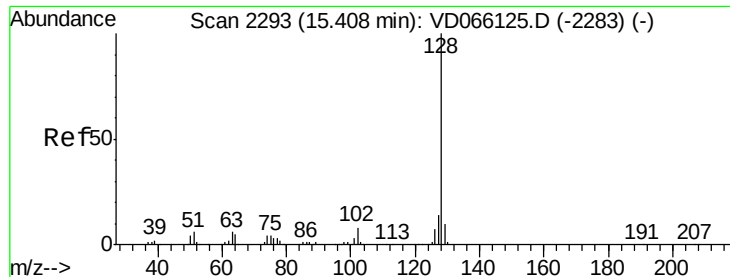
MMDadoda
 8/6/2020 1:54:31 PM



#94
 Hexachlorobutadiene
 Concen: 53.444 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066128.D
 Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158924		
223	61.9	32.3	96.9	
227	63.3	32.1	96.5	





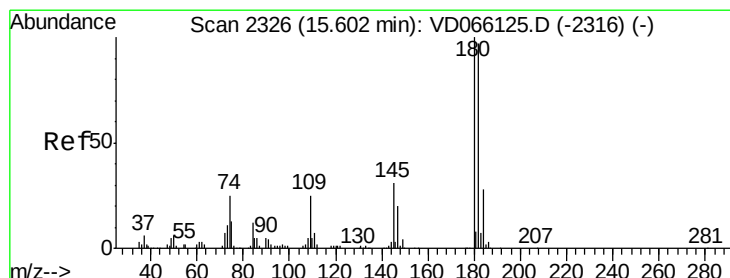
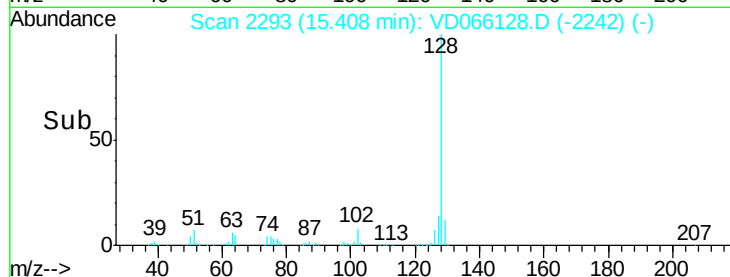
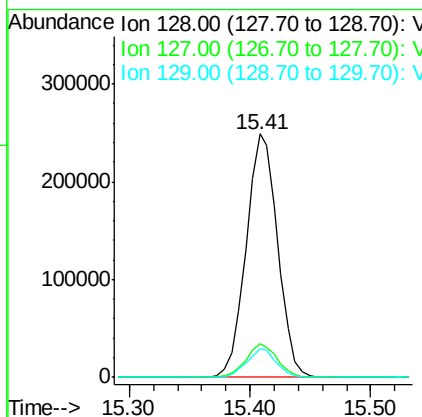
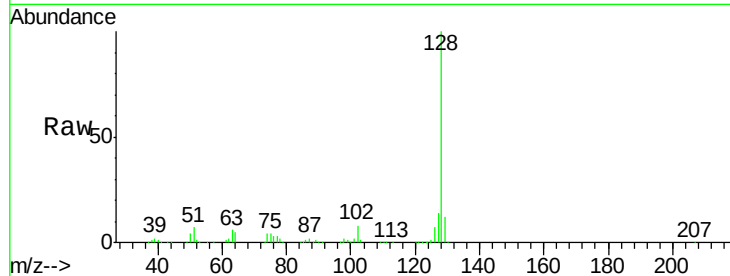
#95
Naphthalene
Concen: 54.952 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Instrument :
MSVOA_D
ClientSampleId :
ICVVD080520

Tot Ion	Ratio	Resp	Lower	Upper
128	100	452158		
127	13.5		11.0	16.4
129	11.0		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/6/2020 1:54:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.543 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066128.D
Acq: 05 Aug 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234230		
182	95.8		47.1	141.4
145	32.1		14.9	44.9

