

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066991.D
 Acq On : 01 Oct 2020 14:36
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:28 PM

Quant Time: Oct 02 00:48:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	774365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	707729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	243693	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	7.91	113	263079	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.34	98	975869	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.63	95	330947	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	209930	52.166	ug/l	95
3) Chloromethane	2.21	50	193124	48.311	ug/l	94
4) Vinyl Chloride	2.35	62	190702	47.577	ug/l	100
5) Bromomethane	2.77	94	138248	53.842	ug/l	99
6) Chloroethane	2.93	64	115037	47.127	ug/l	97
7) Trichlorofluoromethane	3.27	101	411158	46.170	ug/l	96
8) Diethyl Ether	3.71	74	109886	49.759	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	241815	48.042	ug/l	98
10) Methyl Iodide	4.30	142	232027	47.442	ug/l	99
11) Tert butyl alcohol	5.21	59	68762	240.907	ug/l	97
12) 1,1-Dichloroethene	4.07	96	224795	47.507	ug/l	95
13) Acrolein	3.92	56	72198	223.014	ug/l	100
14) Allyl chloride	4.71	41	310884	50.575	ug/l	99
15) Acrylonitrile	5.43	53	200976	247.273	ug/l	97
16) Acetone	4.16	43	179953	243.826	ug/l	99
17) Carbon Disulfide	4.41	76	702478	48.375	ug/l	100
18) Methyl Acetate	4.73	43	94137	50.749	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	447305	51.783	ug/l	99
20) Methylene Chloride	4.97	84	277746	53.548	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	263474	48.927	ug/l	96
22) Diisopropyl ether	6.36	45	580037	51.686	ug/l	98
23) Vinyl Acetate	6.31	43	1726513	271.496	ug/l	100
24) 1,1-Dichloroethane	6.27	63	417641	48.222	ug/l	99
25) 2-Butanone	7.21	43	254598	243.316	ug/l	97
26) 2,2-Dichloropropane	7.21	77	383817	51.991	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	285238	49.597	ug/l	99
28) Bromochloromethane	7.55	49	178740	53.440	ug/l	99
29) Tetrahydrofuran	7.56	42	156979	260.913	ug/l	99
30) Chloroform	7.71	83	458311	48.782	ug/l	100
31) Cyclohexane	7.98	56	337001	46.413	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	422951	48.576	ug/l	99
36) 1,1-Dichloropropene	8.11	75	352399	48.823	ug/l	98
37) Ethyl Acetate	7.29	43	125168	50.057	ug/l	98
38) Carbon Tetrachloride	8.10	117	383021	49.044	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	396710	51.986	ug/l	97
40) Benzene	8.35	78	1001262	49.943	ug/l	99
41) Methacrylonitrile	7.53	41	72455m	53.635	ug/l	
42) 1,2-Dichloroethane	8.42	62	272737	48.685	ug/l	100
43) Isopropyl Acetate	8.45	43	235546	51.134	ug/l	99
44) Trichloroethene	9.11	130	292752	48.901	ug/l	98
45) 1,2-Dichloropropane	9.38	63	243088	51.605	ug/l	98
46) Dibromomethane	9.47	93	136368	50.369	ug/l	99
47) Bromodichloromethane	9.66	83	348230	49.480	ug/l	99
48) Methyl methacrylate	9.45	41	113748	48.199	ug/l #	85
49) 1,4-Dioxane	9.46	88	29185	1032.854	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	599089	261.102	ug/l	100
52) Toluene	10.40	92	662911	51.331	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	324863	51.649	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	386884	50.371	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	185755	49.349	ug/l	97
56) Ethyl methacrylate	10.66	69	218260	56.163	ug/l	98
57) 1,3-Dichloropropane	10.94	76	308945	50.614	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	575316	265.980	ug/l	99
59) 2-Hexanone	10.98	43	408150	266.518	ug/l	98
60) Dibromochloromethane	11.14	129	252321	50.294	ug/l	98
61) 1,2-Dibromoethane	11.24	107	184581	51.042	ug/l	100
64) Tetrachloroethene	10.87	164	246582	47.925	ug/l	91
65) Chlorobenzene	11.67	112	699283	49.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	266724	49.815	ug/l	99
67) Ethyl Benzene	11.74	91	1250571	51.853	ug/l	98
68) m/p-Xylenes	11.85	106	975254	103.762	ug/l	99
69) o-Xylene	12.18	106	441651	52.546	ug/l	97
70) Styrene	12.20	104	766764	53.127	ug/l	98
71) Bromoform	12.36	173	136808	49.224	ug/l #	99
73) Isopropylbenzene	12.48	105	1203309	52.750	ug/l	100
74) N-amyl acetate	12.29	43	219589	53.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	187184	48.703	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	123750m	42.290	ug/l	
77) Bromobenzene	12.76	156	281839	51.168	ug/l	99
78) n-propylbenzene	12.82	91	1405739	52.143	ug/l	100
79) 2-Chlorotoluene	12.91	91	795185	51.553	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1009742	52.392	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	60869	51.860	ug/l	96
82) 4-Chlorotoluene	13.01	91	837739	51.047	ug/l	100
83) tert-Butylbenzene	13.23	119	848927	52.307	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1009626	52.492	ug/l	99
85) sec-Butylbenzene	13.40	105	1199566	52.485	ug/l	100
86) p-Isopropyltoluene	13.52	119	1109456	52.358	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	532484	49.631	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	531586	49.553	ug/l	99
89) n-Butylbenzene	13.85	91	1019444	52.642	ug/l	99
90) Hexachloroethane	14.11	117	190096	51.215	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	468380	49.988	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28852	46.569	ug/l	95

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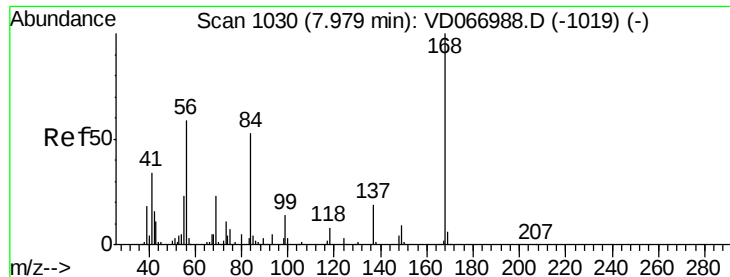
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	317533	52.392	ug/l	100
94) Hexachlorobutadiene	15.28	225	189692	50.963	ug/l	98
95) Naphthalene	15.41	128	561329	55.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	274351	52.145	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion:168 Resp: 501956

Ion Ratio Lower Upper

168 100

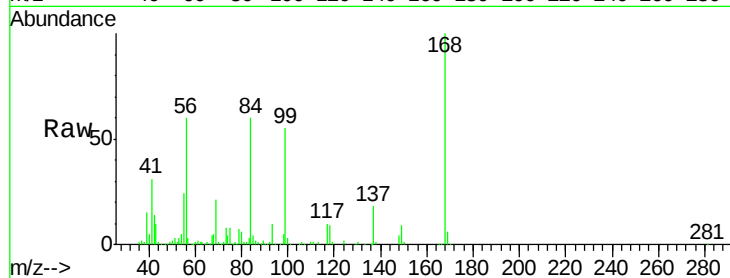
99 54.6 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

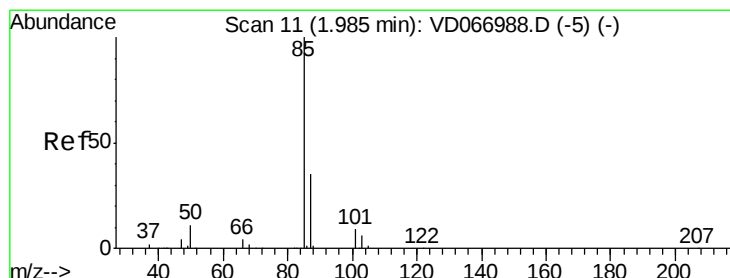
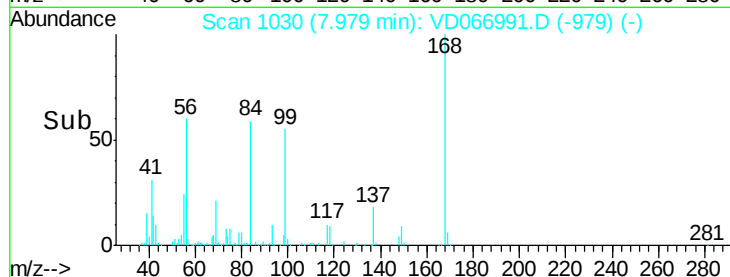
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.166 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066991.D

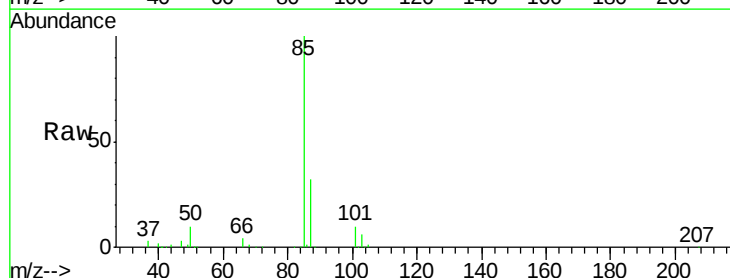
Acq: 01 Oct 2020 14:36

Tgt Ion: 85 Resp: 209930

Ion Ratio Lower Upper

85 100

87 31.5 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

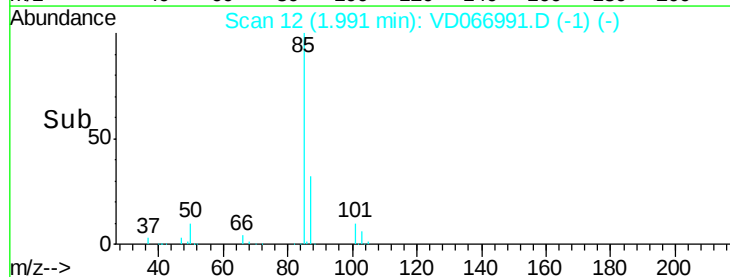
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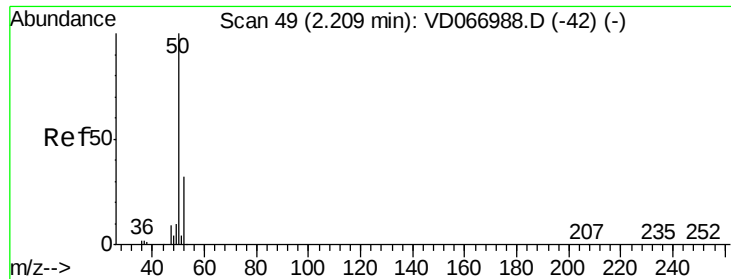
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 48.311 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion: 50 Resp: 193124

Ion Ratio Lower Upper

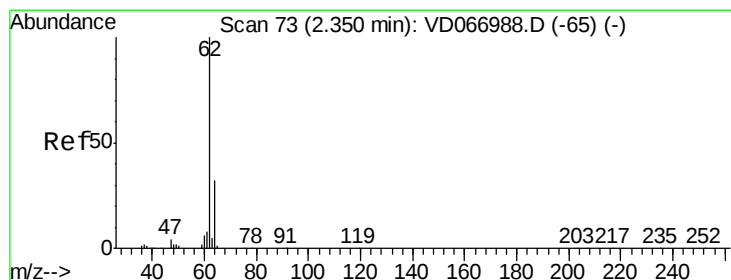
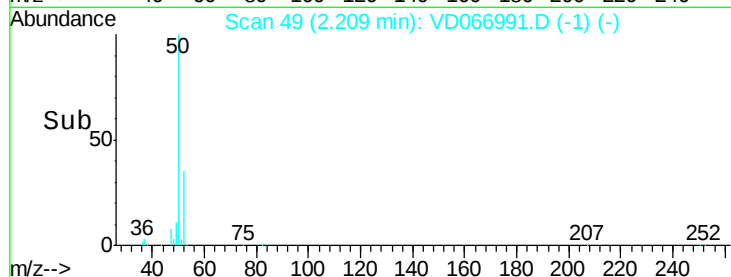
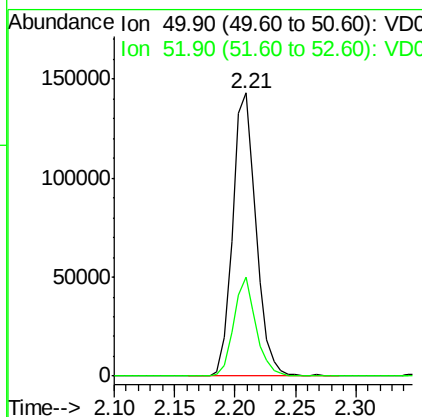
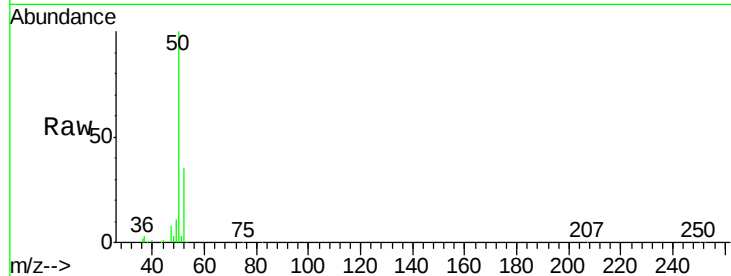
50 100

52 34.8 25.3 37.9

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#4

Vinyl Chloride

Concen: 47.577 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066991.D

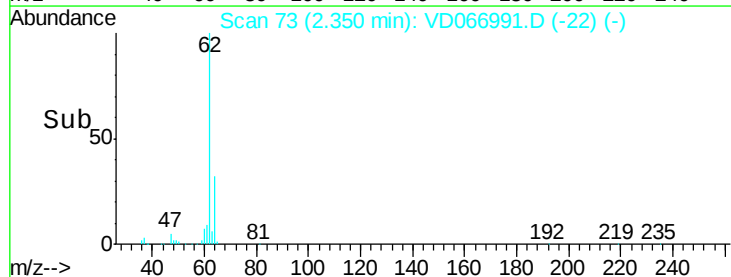
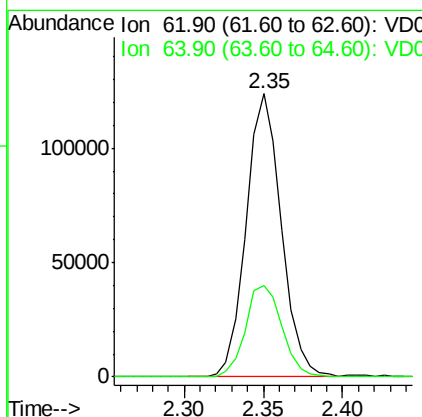
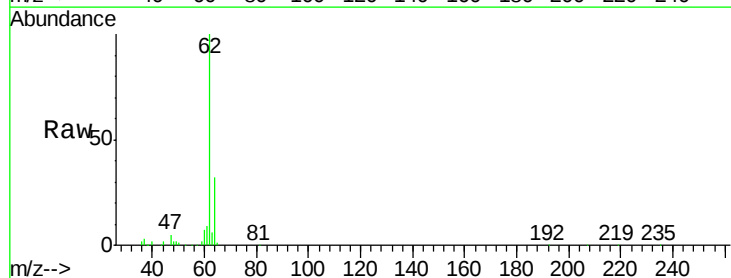
Acq: 01 Oct 2020 14:36

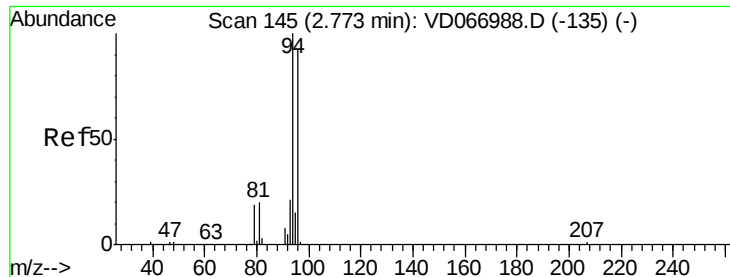
Tgt Ion: 62 Resp: 190702

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 53.842 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion: 94 Resp: 138248

Ion Ratio Lower Upper

94 100

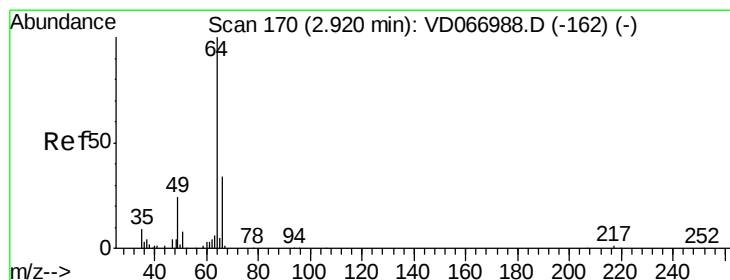
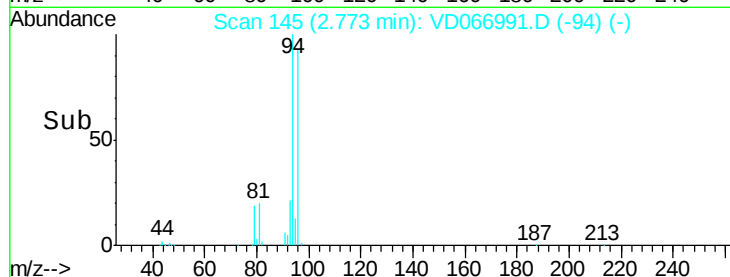
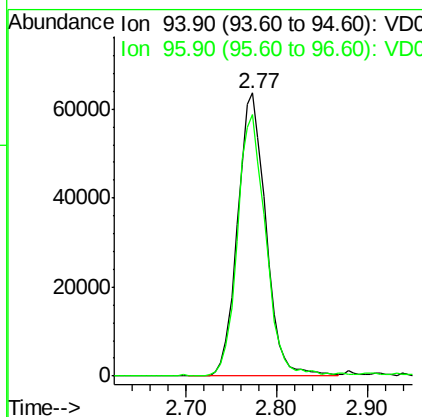
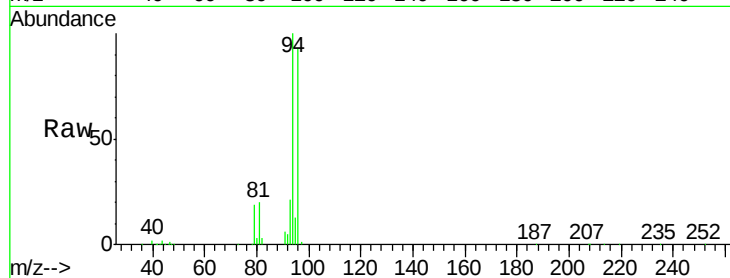
96 92.6 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 47.127 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066991.D

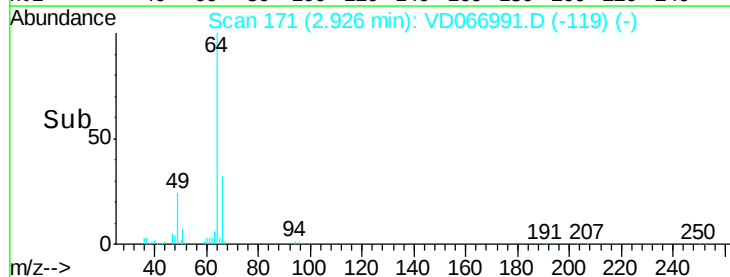
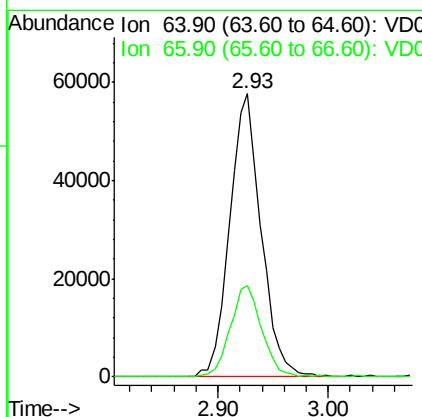
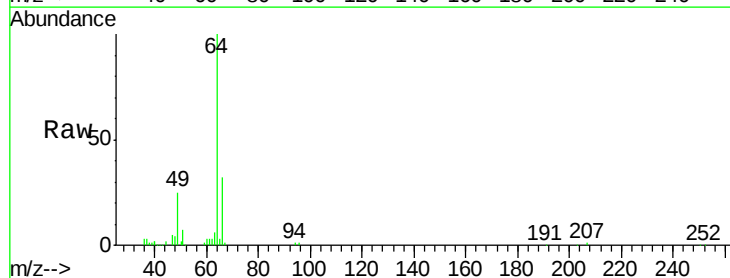
Acq: 01 Oct 2020 14:36

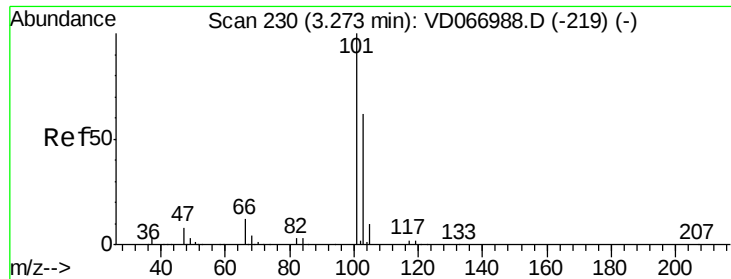
Tgt Ion: 64 Resp: 115037

Ion Ratio Lower Upper

64 100

66 32.2 27.0 40.6





#7

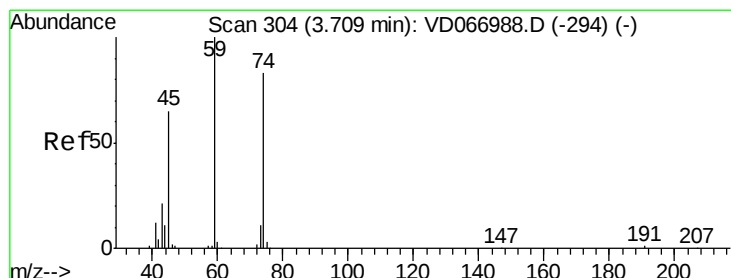
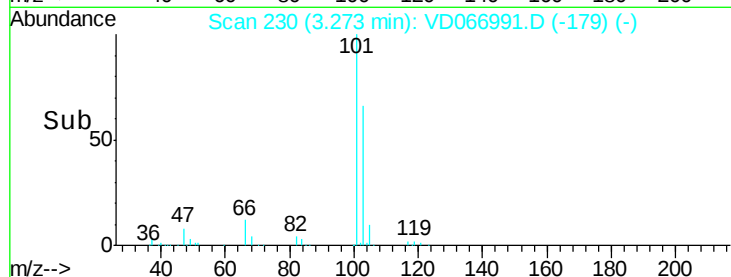
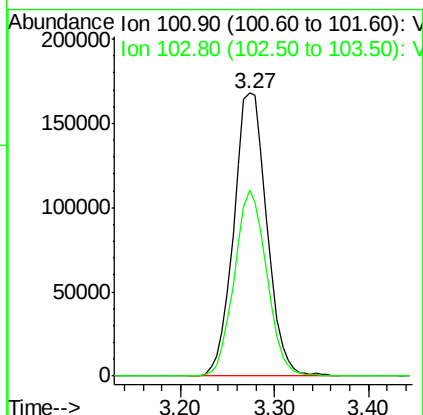
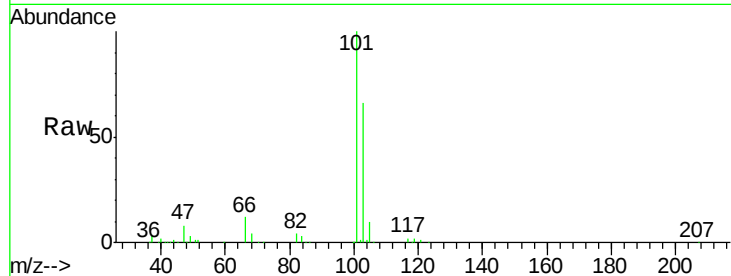
Trichlorofluoromethane
Concen: 46.170 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066991.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	49.8	74.8

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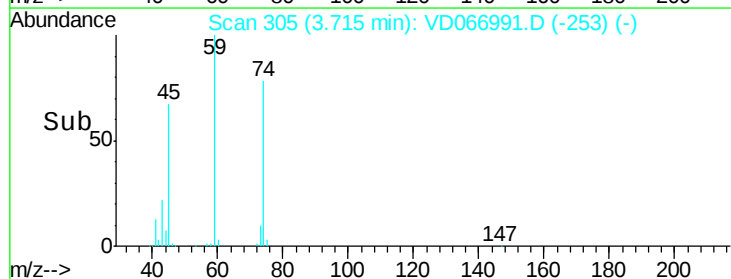
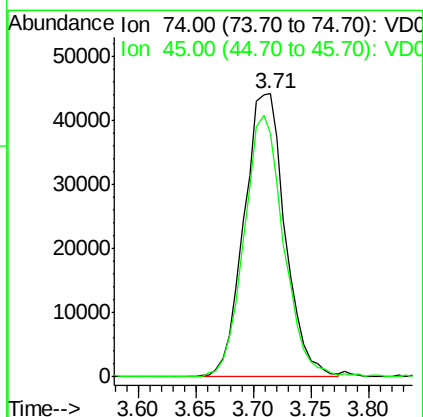
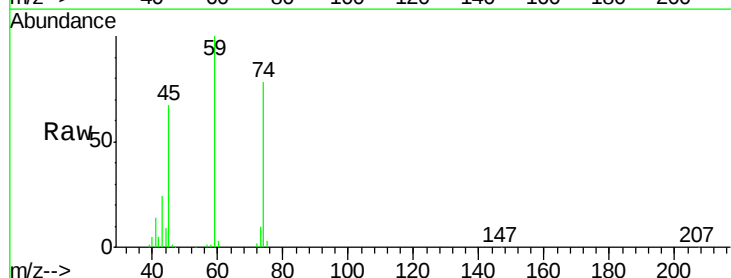
MMDadoda
10/2/2020 3:13:28 PM

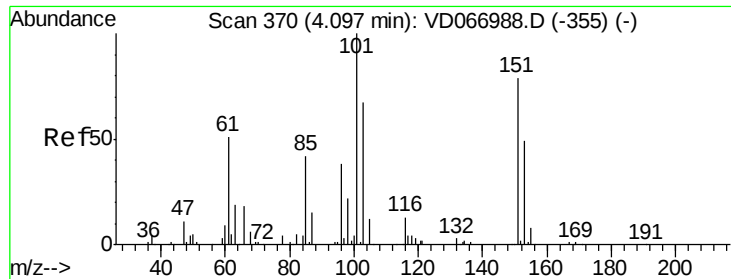


#8

Diethyl Ether
Concen: 49.759 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.8	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.042 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

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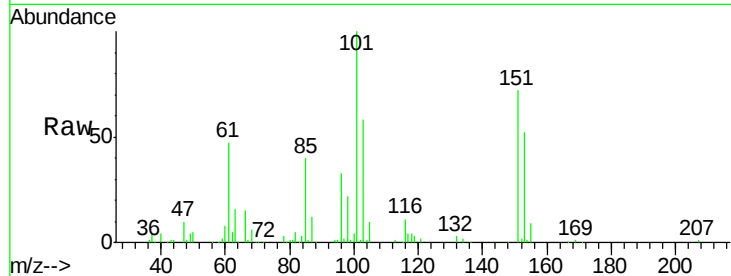
ClientSampleId :

ICVVD100120

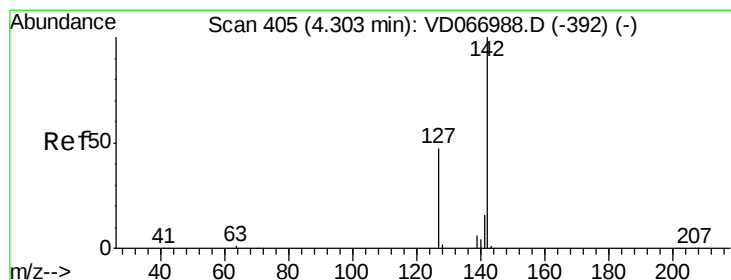
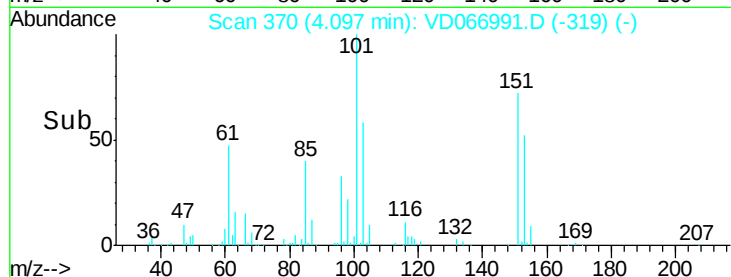
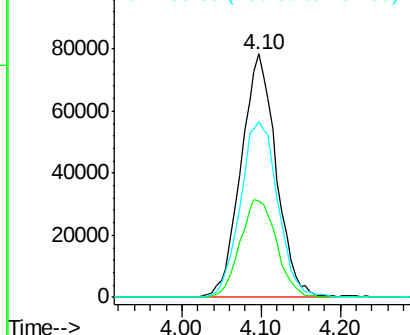
Tot Ion:	101	Resp:	241815
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.8	50.8
151	76.9	63.8	95.8

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.442 ug/l

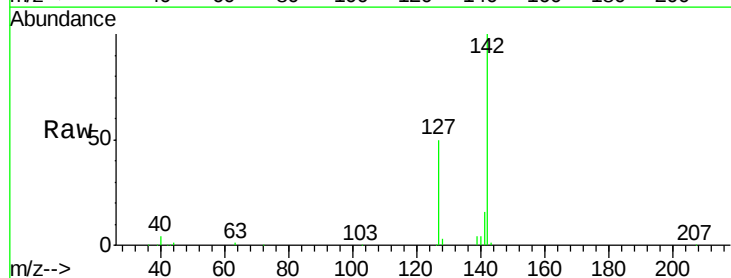
RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

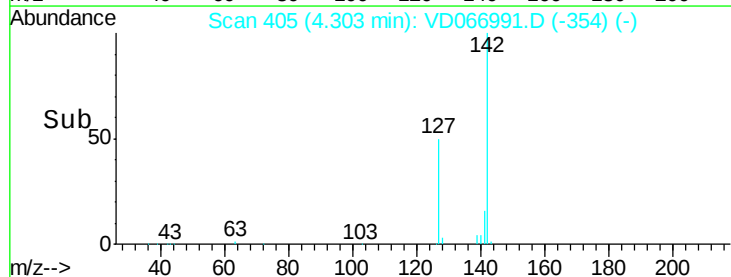
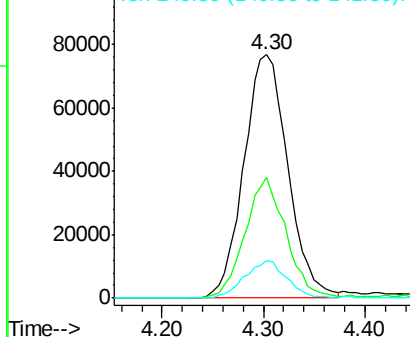
Lab File: VD066991.D

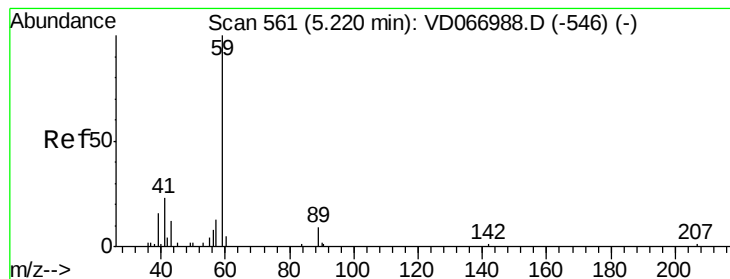
Acq: 01 Oct 2020 14:36

Tgt Ion:	142	Resp:	232027
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.3	54.5
141	14.7	12.0	18.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

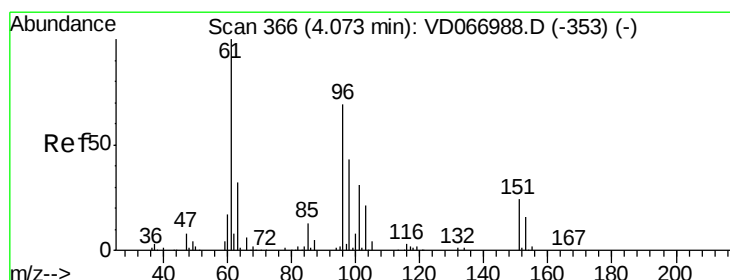
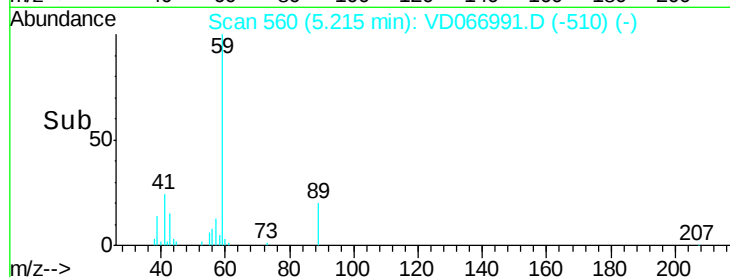
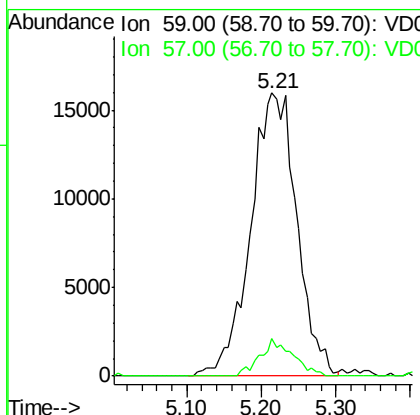
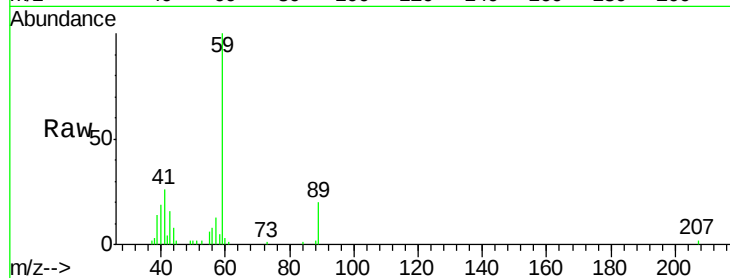
Tert butyl alcohol
 Concen: 240.907 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ratio	Resp	Lower	Upper
59	100	68762		
57	9.3		8.2	12.4

Manual Integrations
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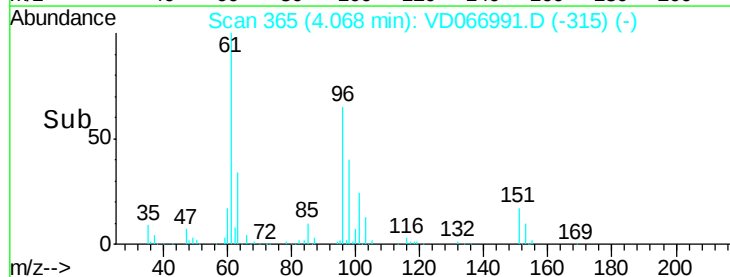
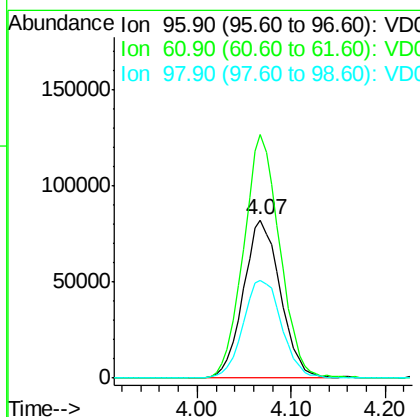
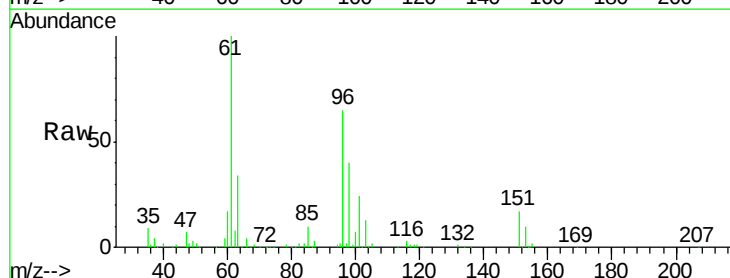
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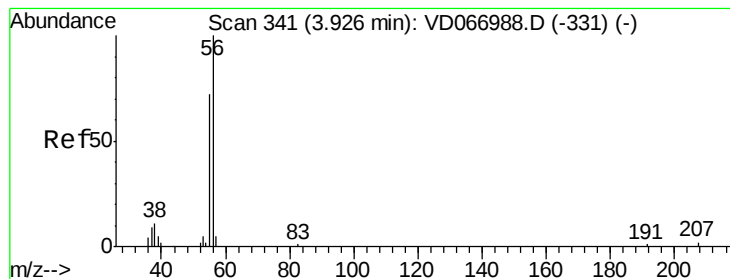


#12

1,1-Dichloroethene
 Concen: 47.507 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	224795		
61	154.2		116.4	174.6
98	62.1		49.9	74.9





#13

Acrolein

Concen: 223.014 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion: 56 Resp: 72198

Ion Ratio Lower Upper

56 100

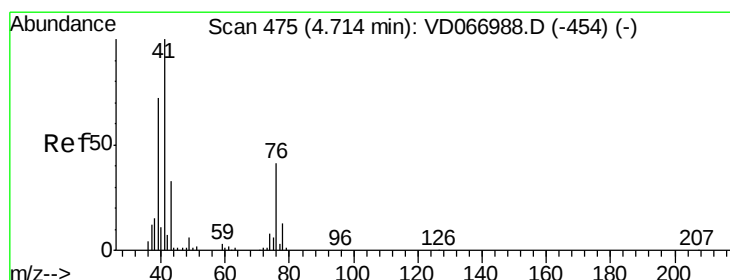
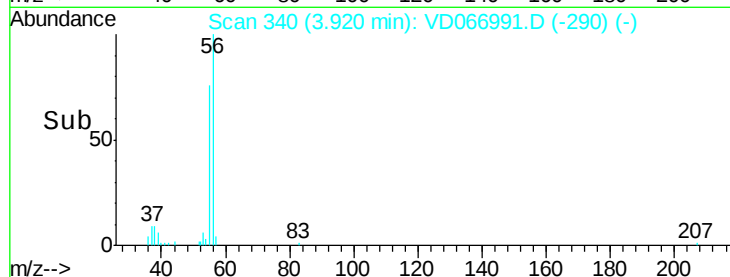
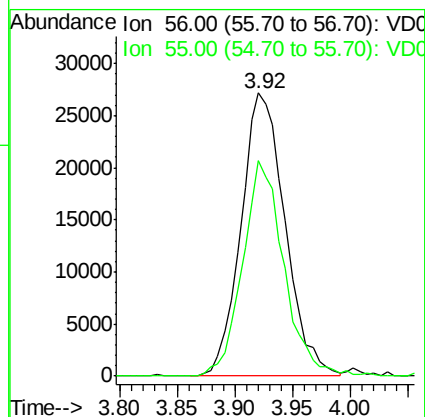
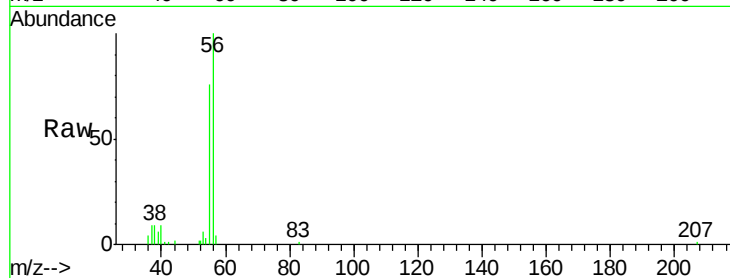
55 71.2 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 50.575 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

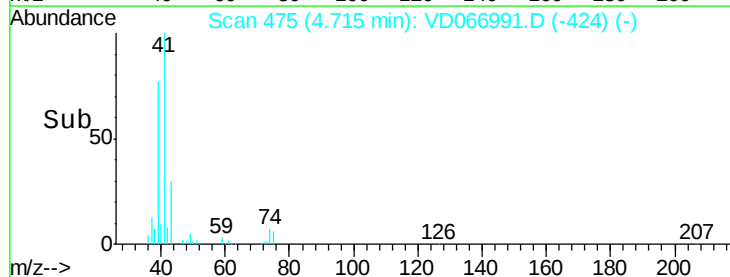
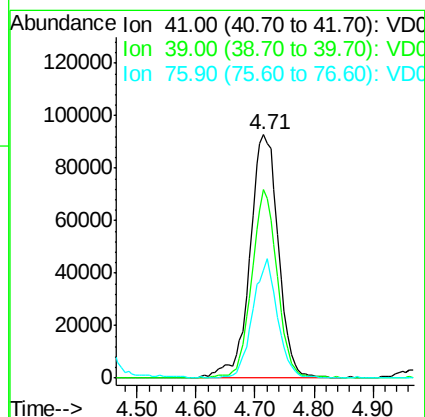
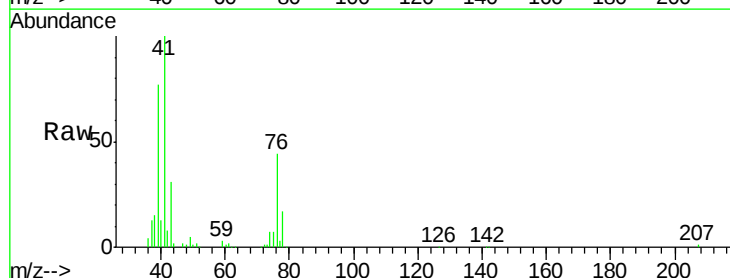
Tgt Ion: 41 Resp: 310884

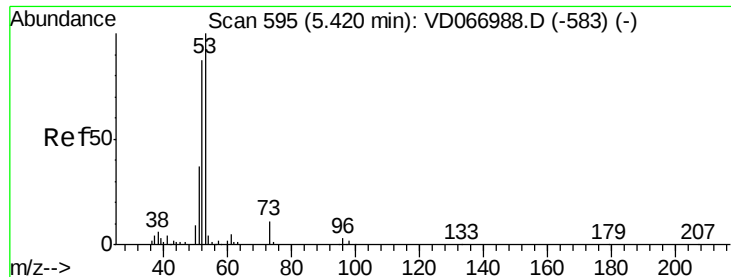
Ion Ratio Lower Upper

41 100

39 69.5 56.2 84.2

76 42.1 34.2 51.2





#15

Acrylonitrile

Concen: 247.273 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

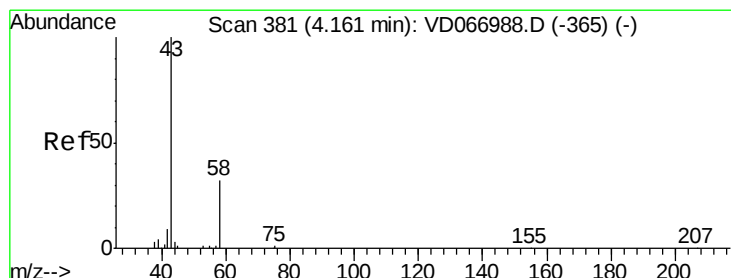
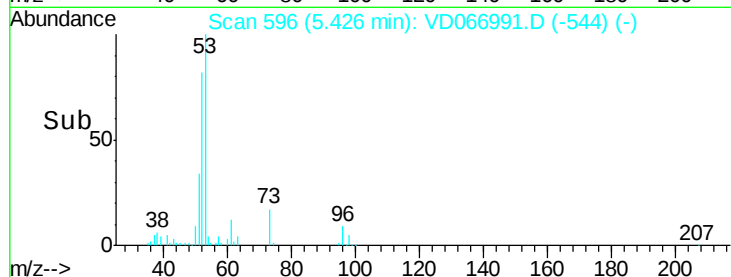
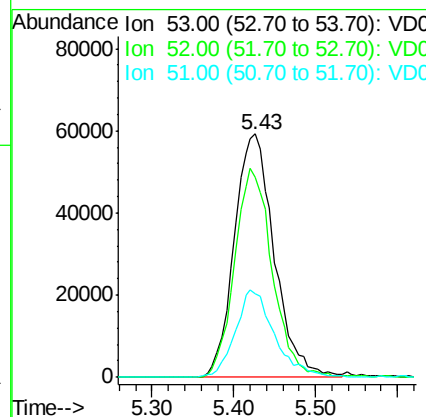
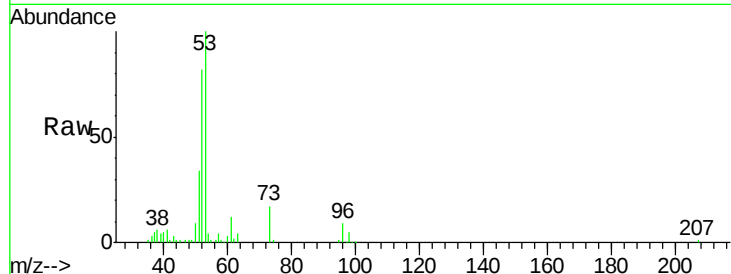
ClientSampleId :

ICVVD100120

Tot Ion:	53	Resp:	200976
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.3	100.9
51	35.2	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 243.826 ug/l

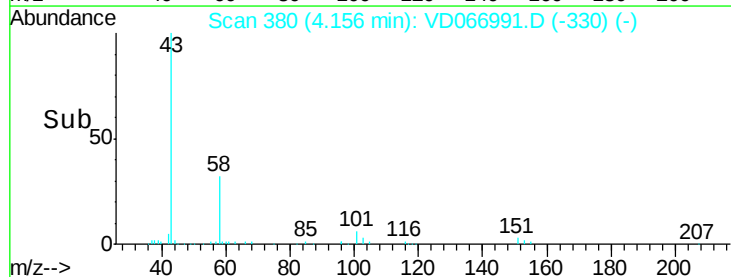
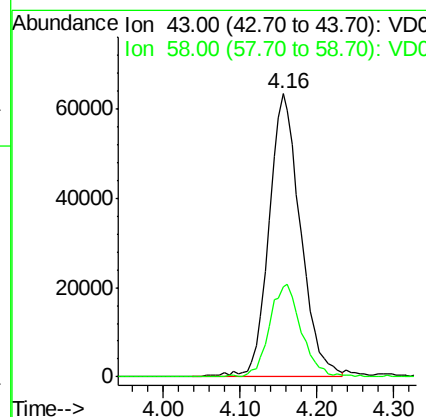
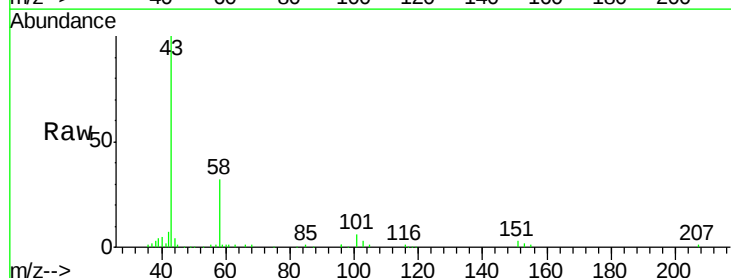
RT: 4.16 min Scan# 380

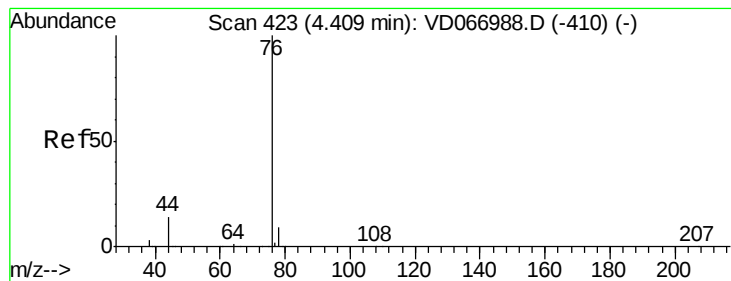
Delta R.T. -0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion:	43	Resp:	179953
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.9	38.9





#17

Carbon Disulfide

Concen: 48.375 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion: 76 Resp: 702478

Ion Ratio Lower Upper

76 100

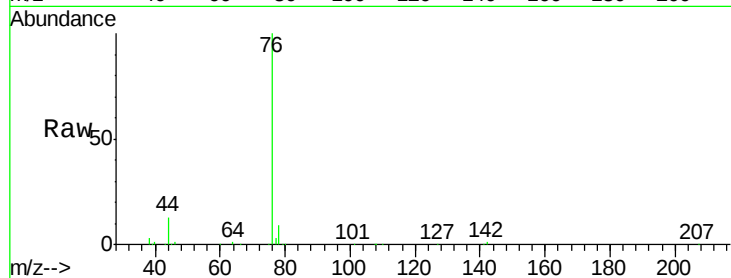
78 9.4 7.5 11.3

Manual Integrations

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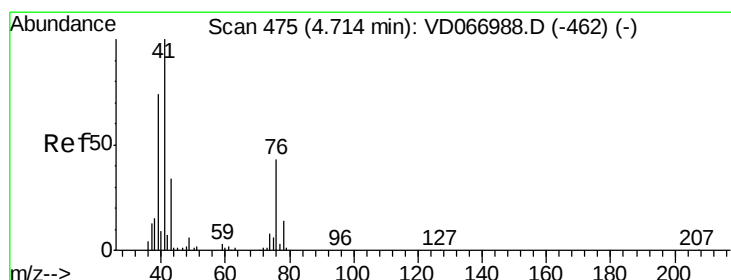
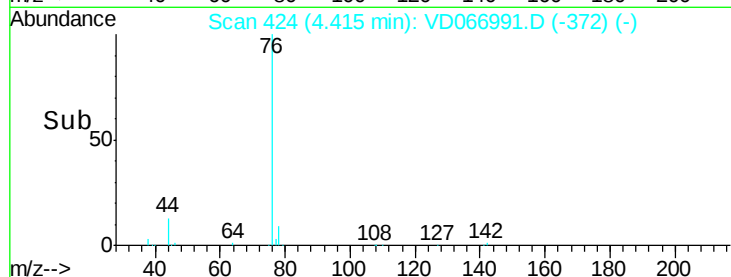
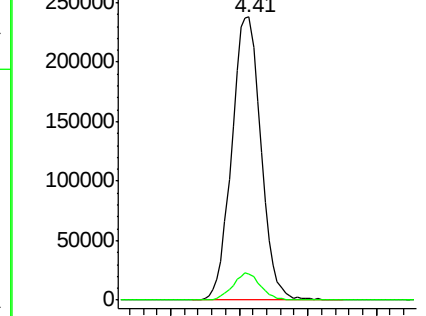
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 50.749 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD066991.D

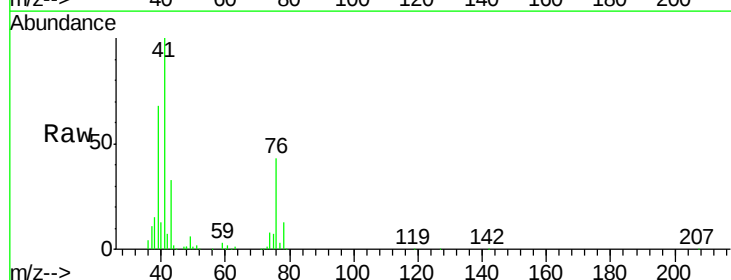
Acq: 01 Oct 2020 14:36

Tgt Ion: 43 Resp: 94137

Ion Ratio Lower Upper

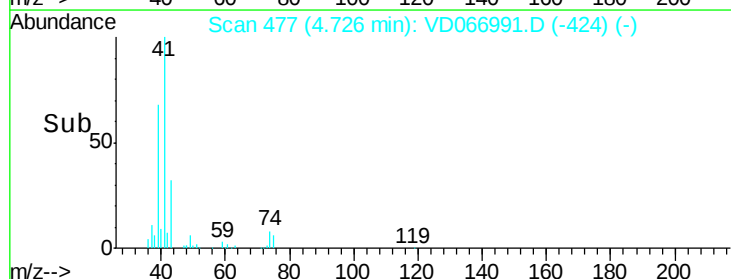
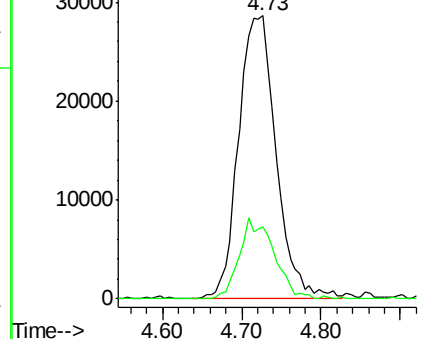
43 100

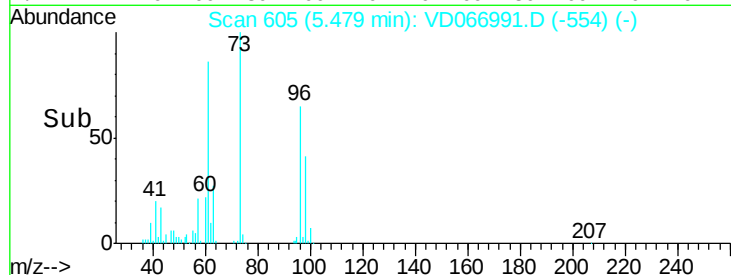
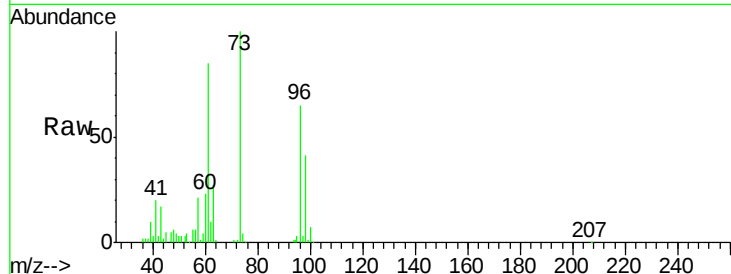
74 25.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





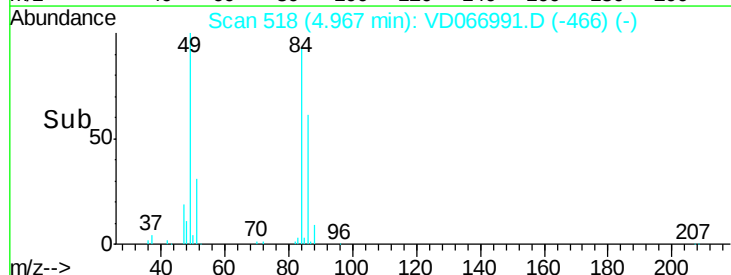
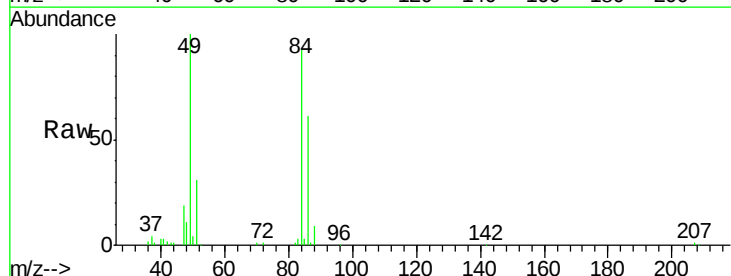
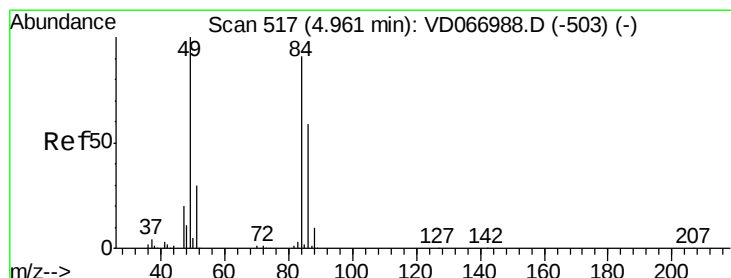
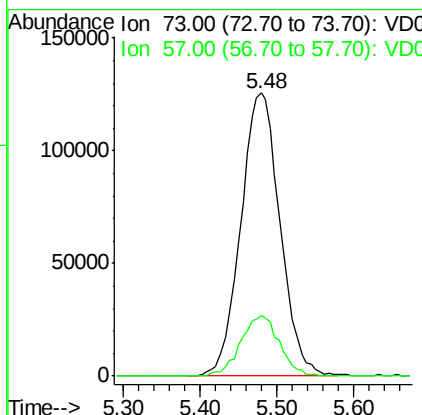
#19
Methyl tert-butyl Ether
Concen: 51.783 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tot Ion: 73 Resp: 447305
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

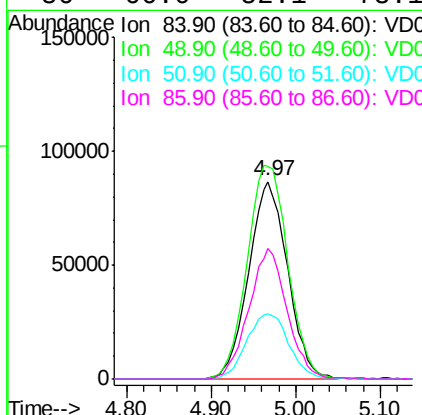
Manual Integrations
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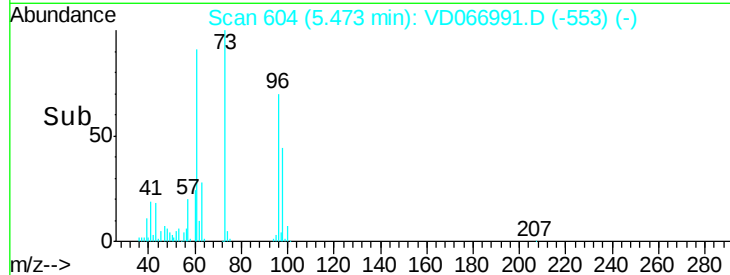
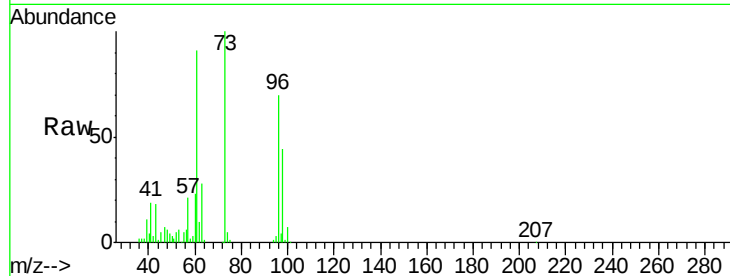
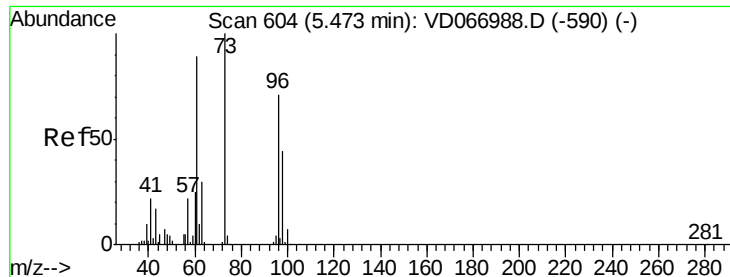
MMDadoda
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#20
Methylene Chloride
Concen: 53.548 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 84 Resp: 277746
Ion Ratio Lower Upper
84 100
49 107.6 88.2 132.2
51 33.3 26.6 39.8
86 66.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.927 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD066991.D

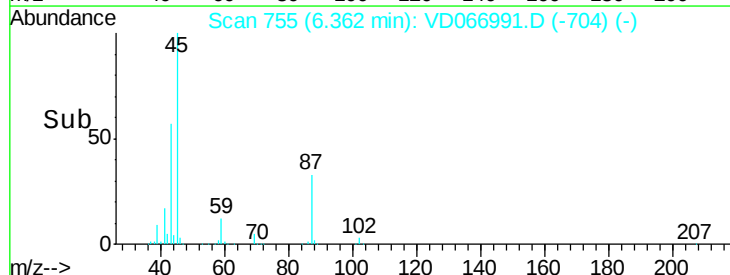
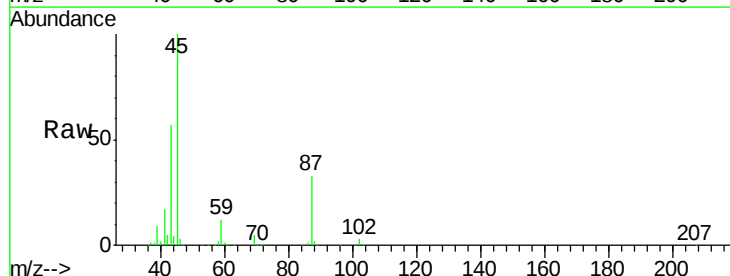
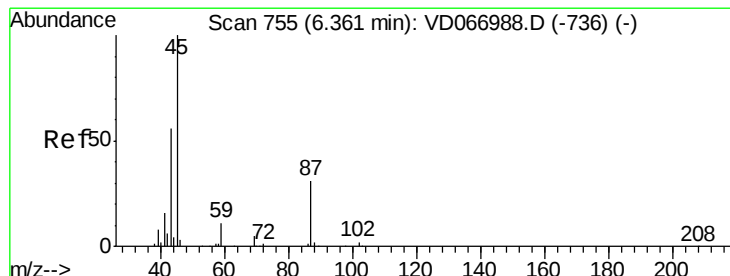
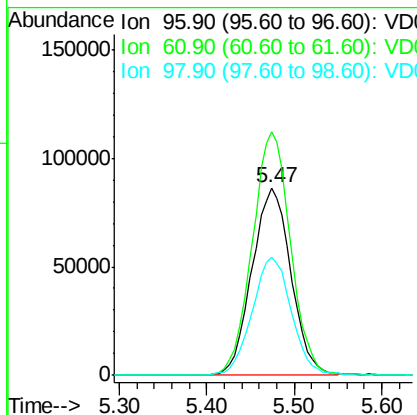
Acq: 01 Oct 2020 14:36

Tot Ion:	96	Resp:	263474
Ion	Ratio	Lower	Upper
96	100		
61	129.9	99.6	149.4
98	63.1	49.4	74.2

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.686 ug/l

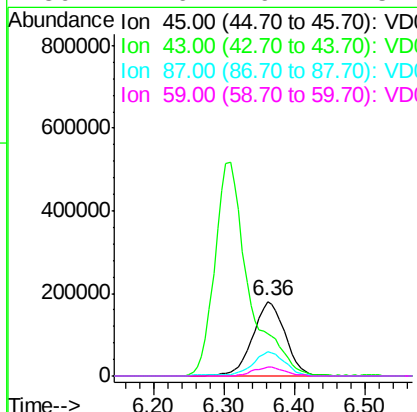
RT: 6.36 min Scan# 755

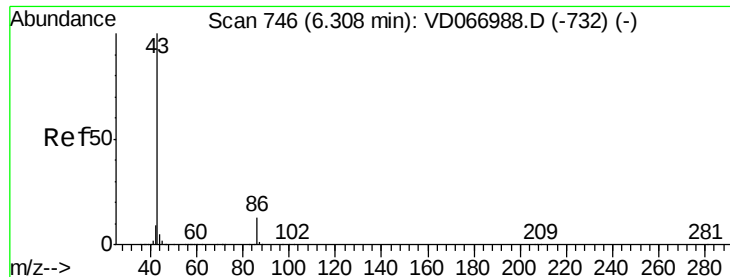
Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion:	45	Resp:	580037
Ion	Ratio	Lower	Upper
45	100		
43	55.5	45.2	67.8
87	33.2	25.6	38.4
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 271.496 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion: 43 Resp: 1726513

Ion Ratio Lower Upper

43 100

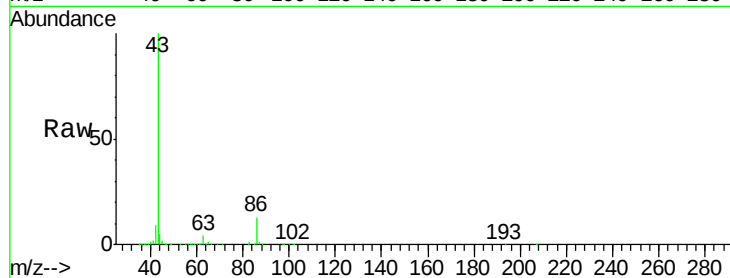
86 12.7 10.2 15.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

500000

400000

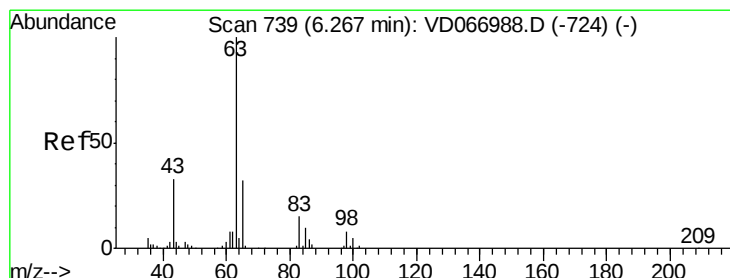
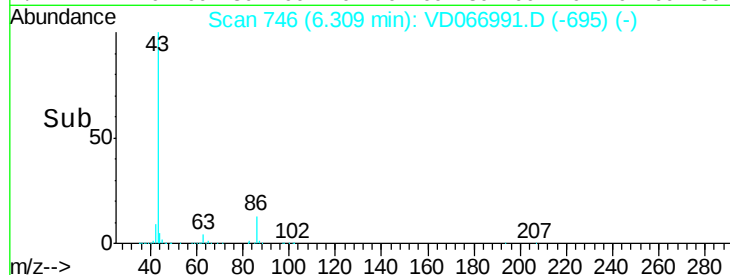
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.222 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

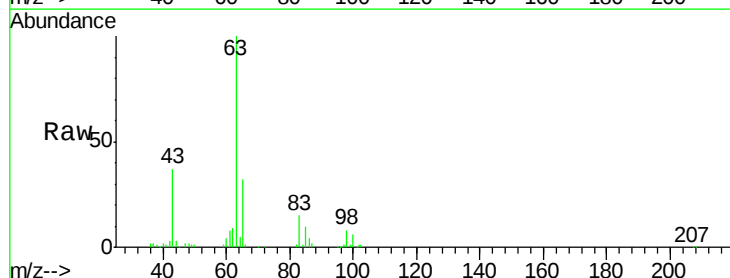
Tgt Ion: 63 Resp: 417641

Ion Ratio Lower Upper

63 100

98 8.1 4.2 12.6

100 5.5 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

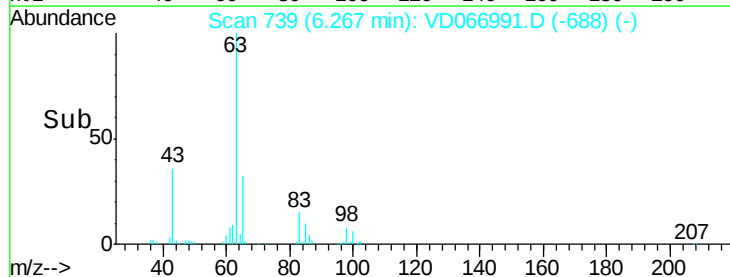
150000

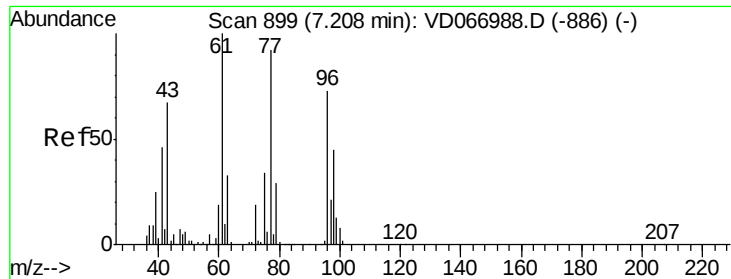
100000

50000

0

Time-->





#25

2-Butanone

Concen: 243.316 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion: 43 Resp: 254598

Ion Ratio Lower Upper

43 100

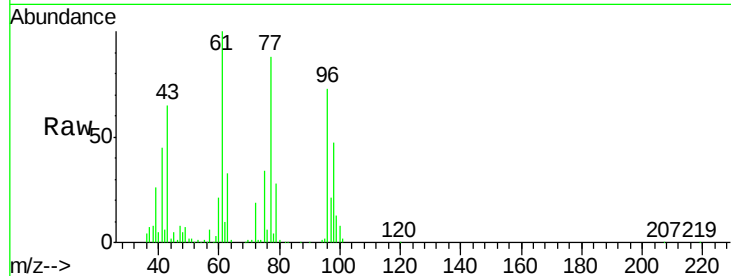
72 30.0 22.8 34.2

Manual Integrations

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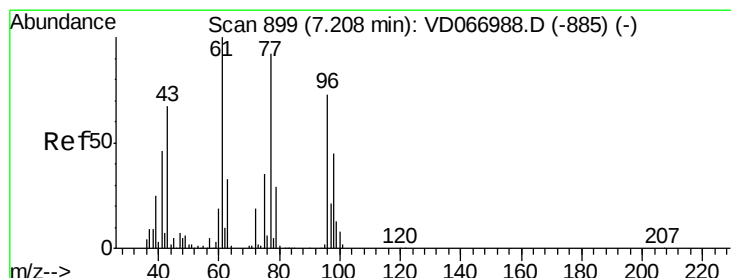
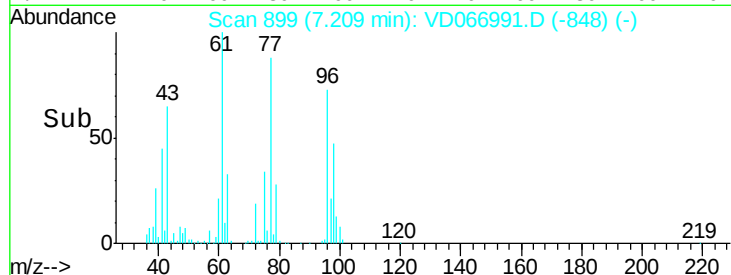
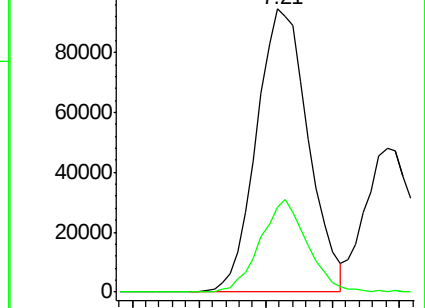
MMDadoda

10/2/2020 3:13:28 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.991 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066991.D

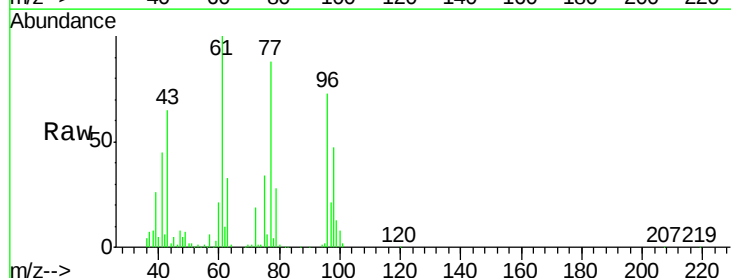
Acq: 01 Oct 2020 14:36

Tgt Ion: 77 Resp: 383817

Ion Ratio Lower Upper

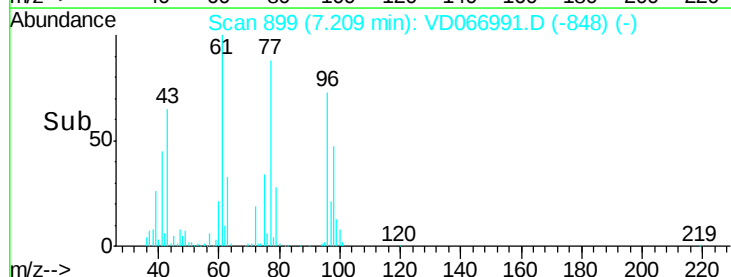
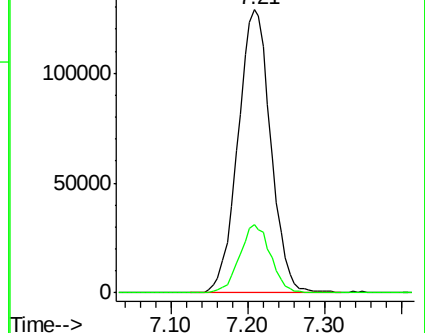
77 100

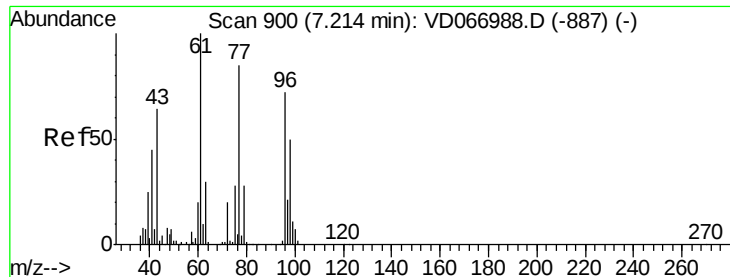
97 22.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

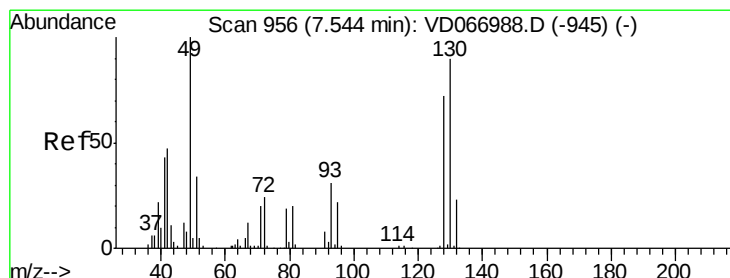
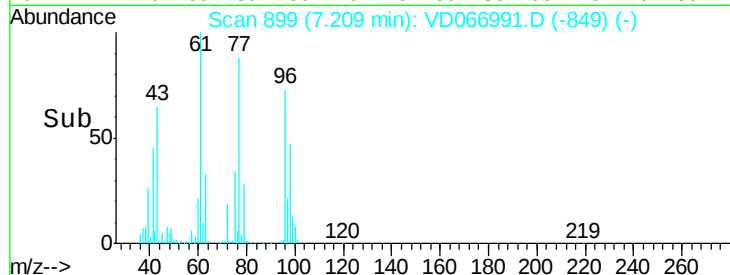
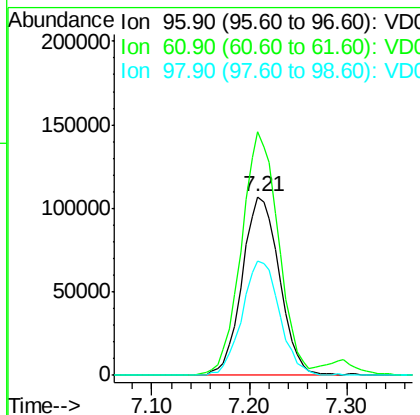
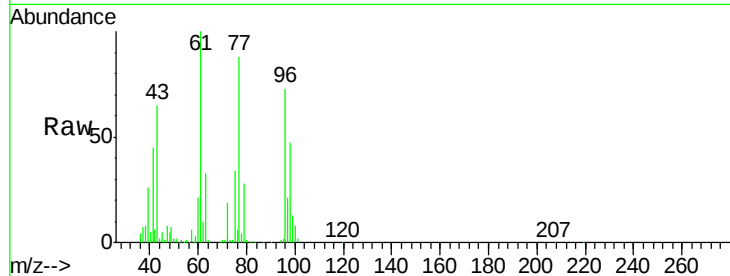
cis-1,2-Dichloroethene
Concen: 49.597 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	285238		
61	135.7	0.0	269.2	
98	64.3	0.0	129.4	

Manual Integrations
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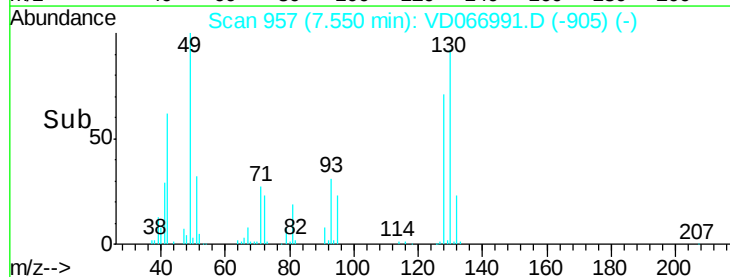
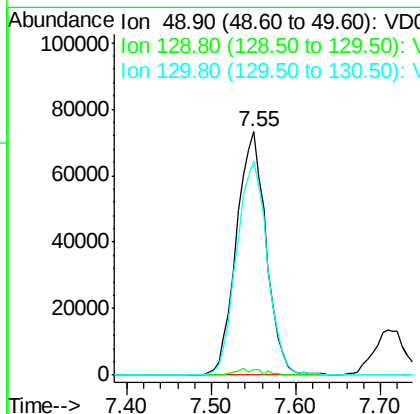
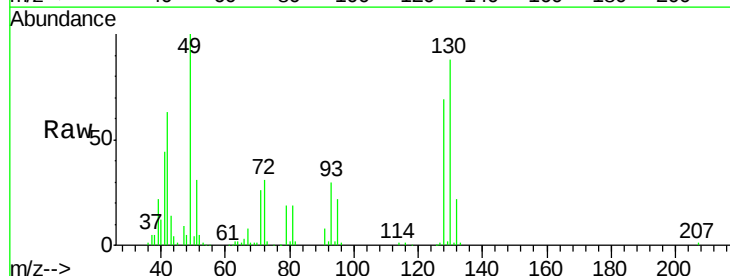
MMDadoda
10/2/2020 3:13:28 PM

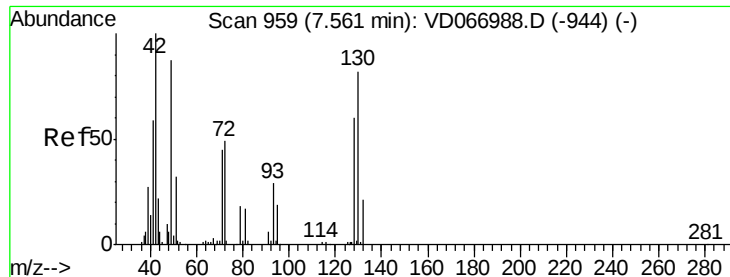


#28

Bromochloromethane
Concen: 53.440 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	178740		
129	1.8	0.0	4.6	
130	91.3	74.1	111.1	





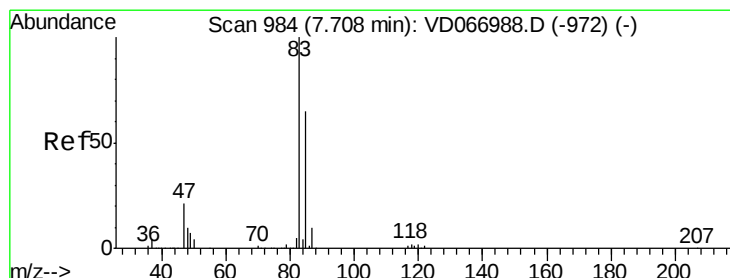
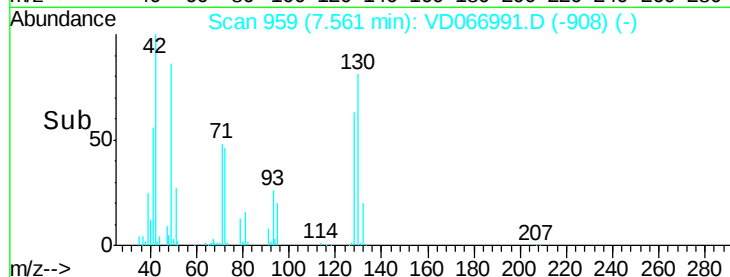
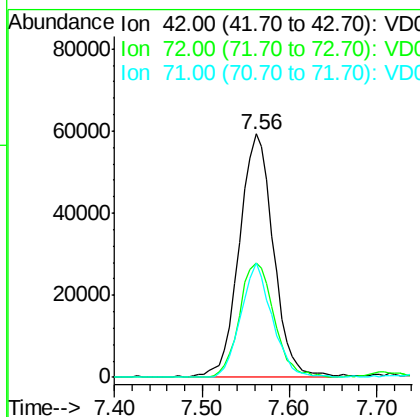
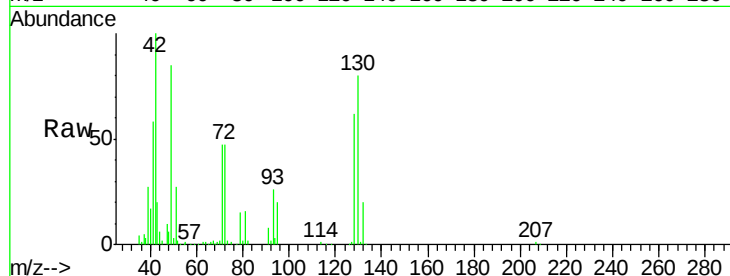
#29
Tetrahydrofuran
Concen: 260.913 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	39.1	58.7
71	43.3	34.2	51.4

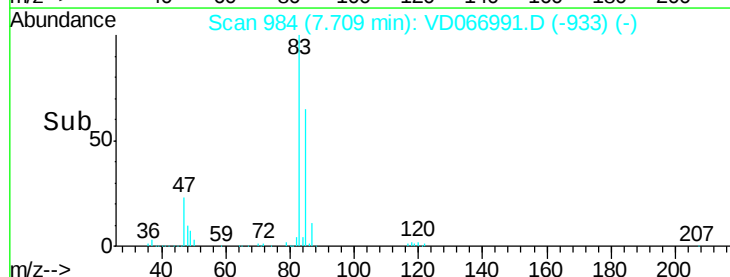
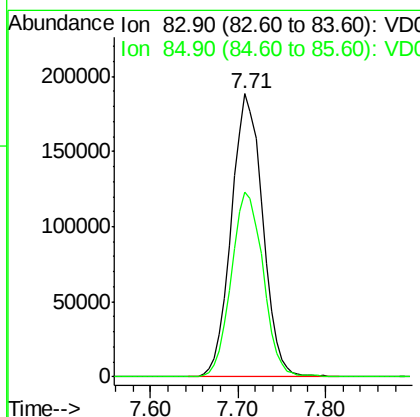
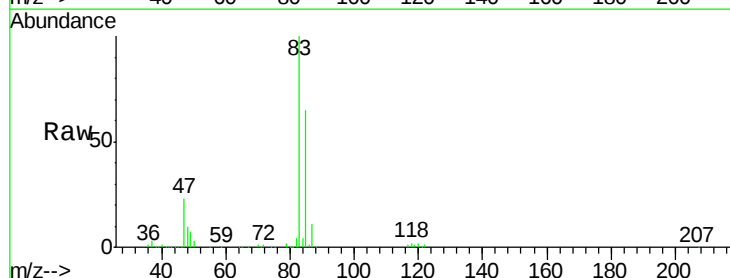
Manual Integrations
APPROVED

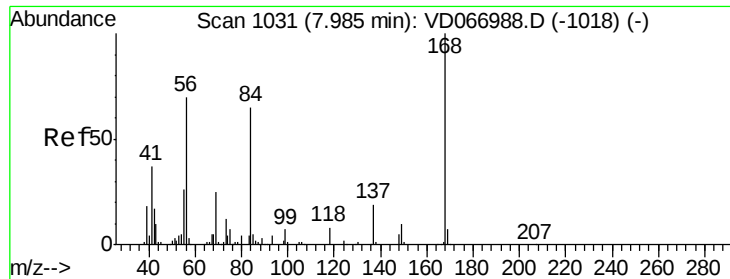
MMDadoda
10/2/2020 3:13:28 PM



#30
Chloroform
Concen: 48.782 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.3	78.5





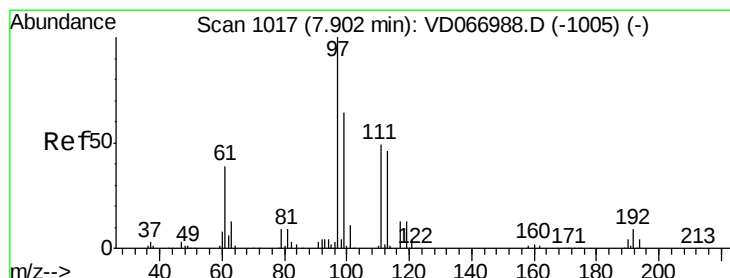
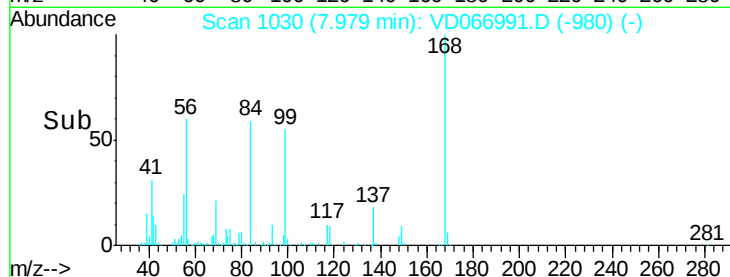
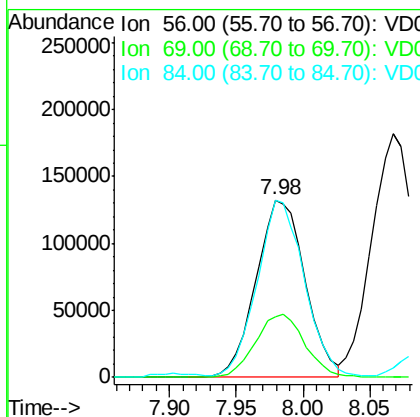
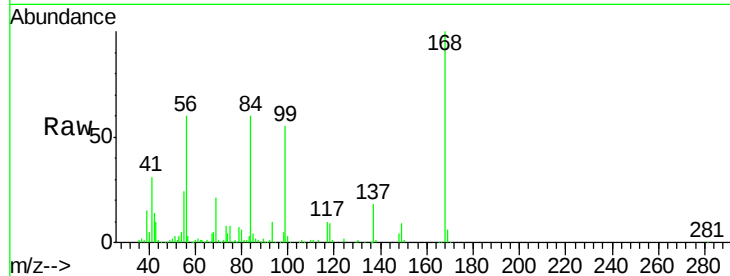
#31
Cvclohexane
Concen: 46.413 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	29.0	43.6
84	98.6	74.2	111.2

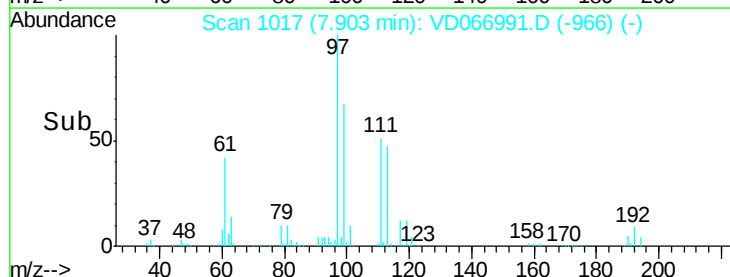
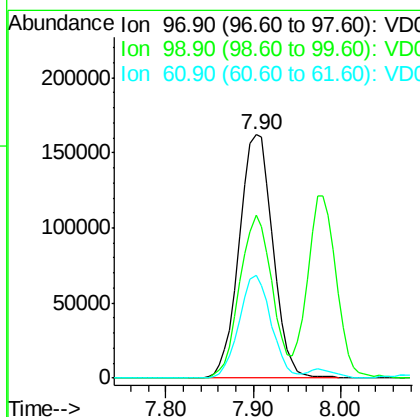
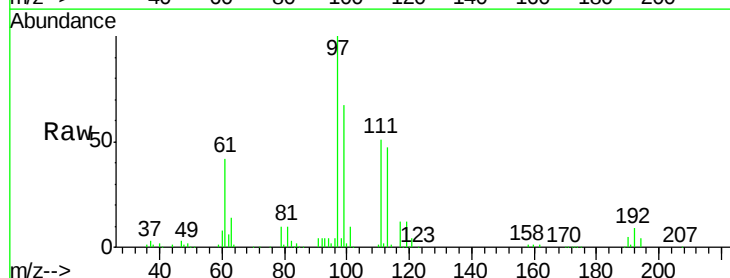
Manual Integrations
APPROVED

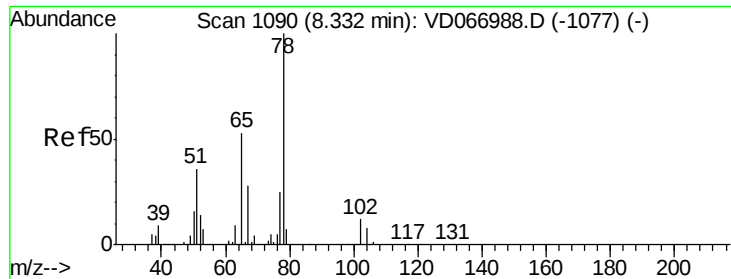
MMDadoda
10/2/2020 3:13:28 PM



#32
1,1,1-Trichloroethane
Concen: 48.576 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.6	78.8
61	40.1	32.8	49.2





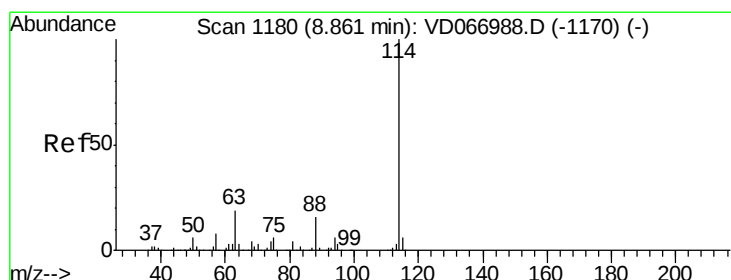
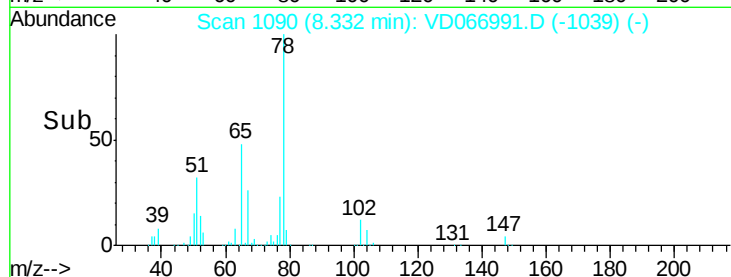
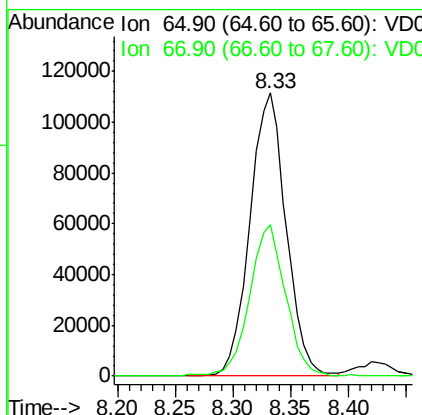
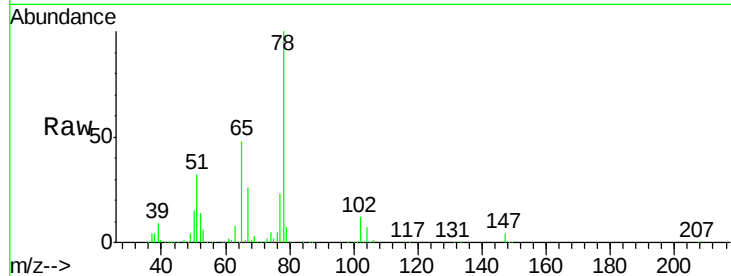
#33
 1,2-Dichloroethane-d4
 Concen: 50.404 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ratio	Resp	Lower	Upper
65	100	243693		
67	53.6	0.0	106.8	

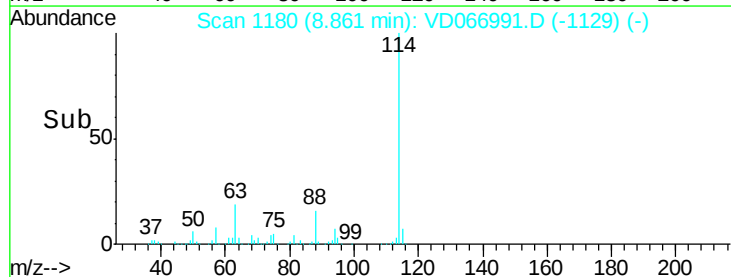
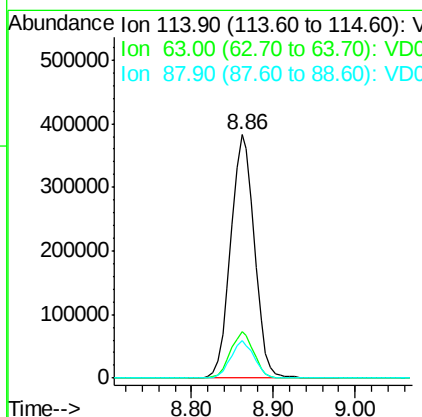
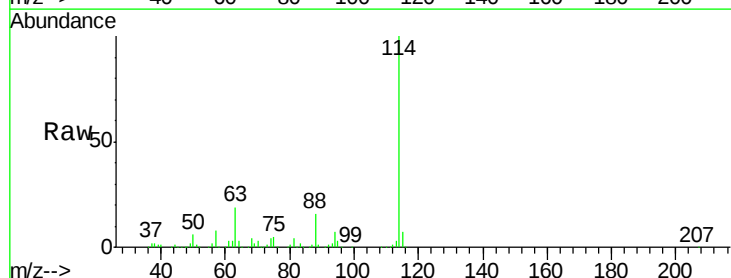
Manual Integrations
 APPROVED

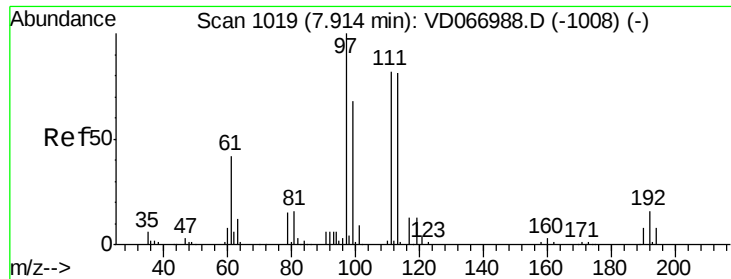
MMDadoda
 10/2/2020 3:13:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	774365		
63	19.0	0.0	38.4	
88	15.5	0.0	31.2	





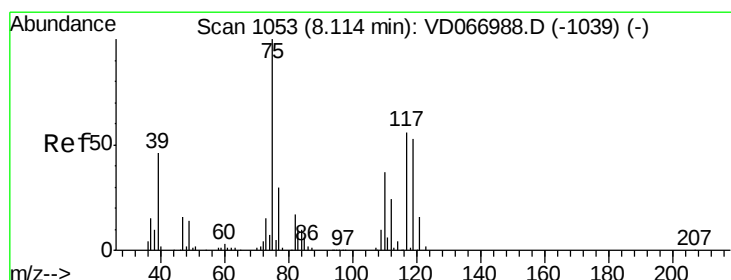
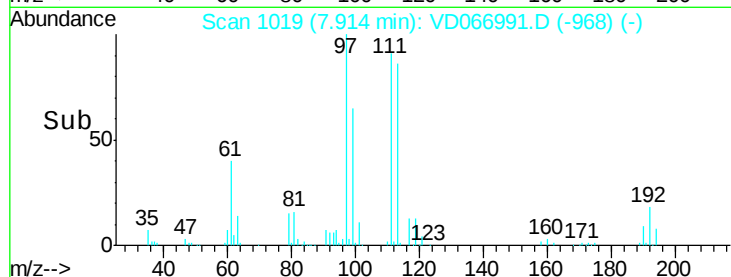
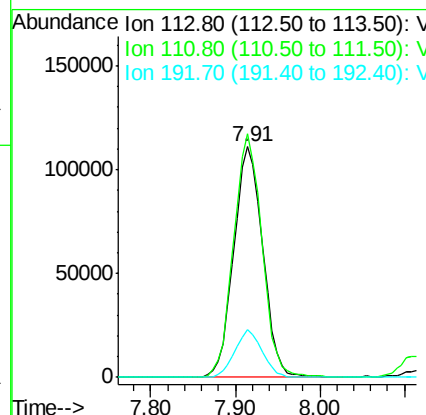
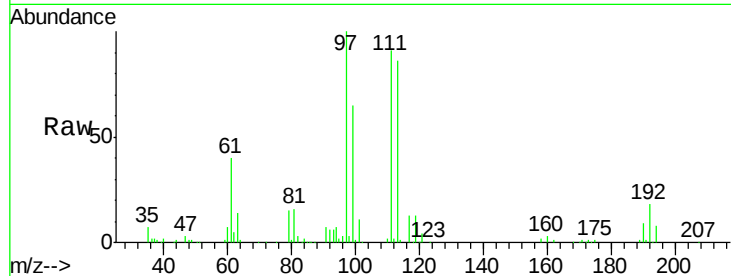
#35
 Dibromofluoromethane
 Concen: 51.893 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ratio	Resp	Lower	Upper
113	100	263079		
111	103.4	83.0	124.4	
192	19.4	15.5	23.3	

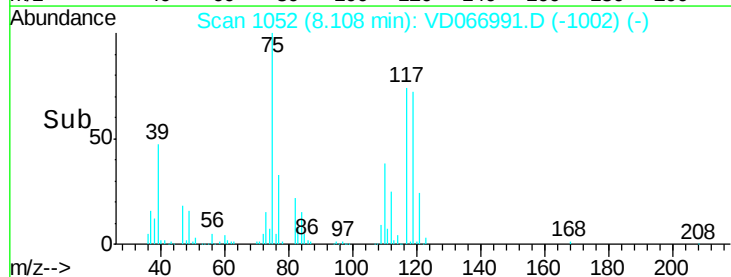
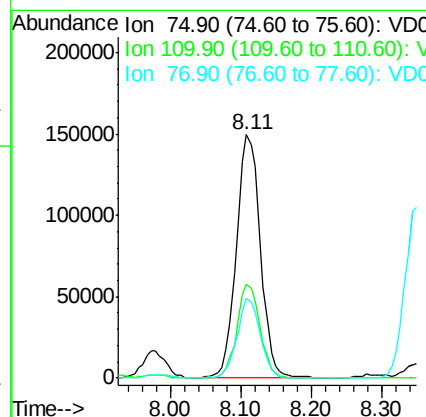
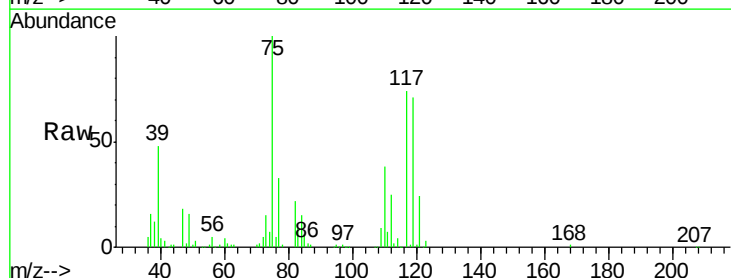
Manual Integrations
 APPROVED

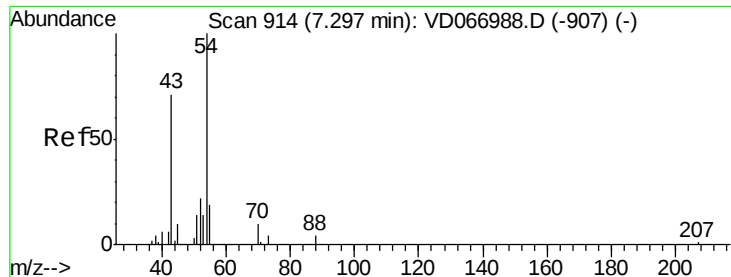
MMDadoda
 10/2/2020 3:13:28 PM



#36
 1,1-Dichloropropene
 Concen: 48.823 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	352399		
110	37.6	18.4	55.0	
77	31.9	24.8	37.2	





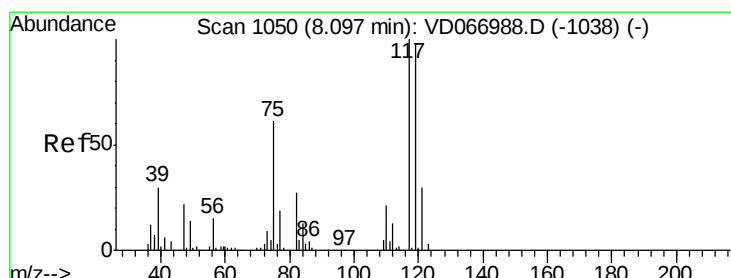
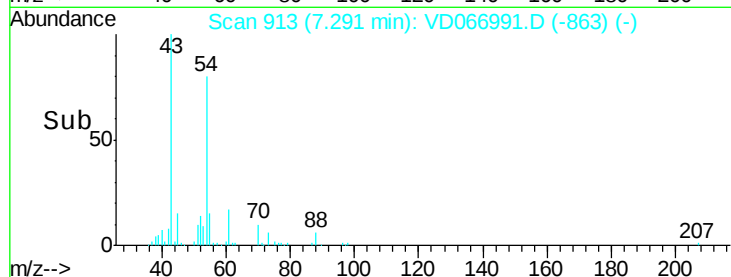
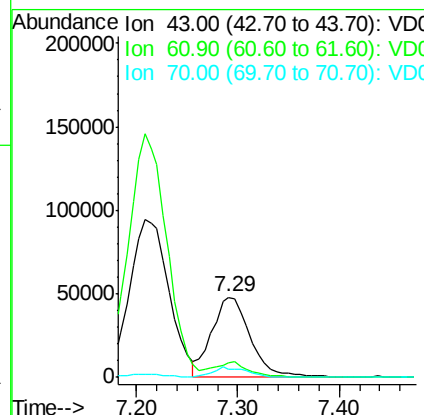
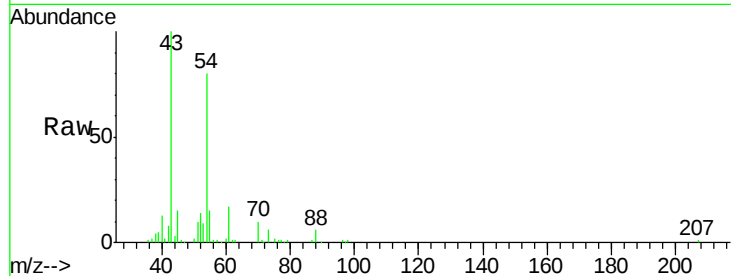
#37
Ethyl Acetate
Concen: 50.057 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	12.5	18.7
70	11.5	9.4	14.0

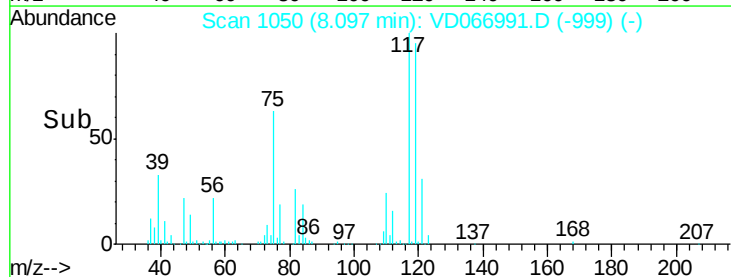
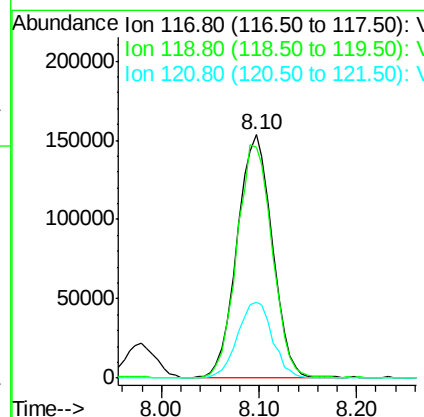
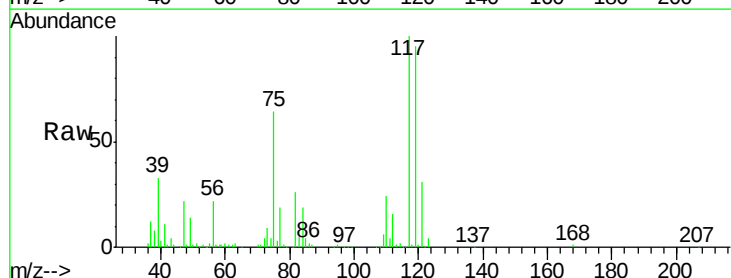
Manual Integrations
APPROVED

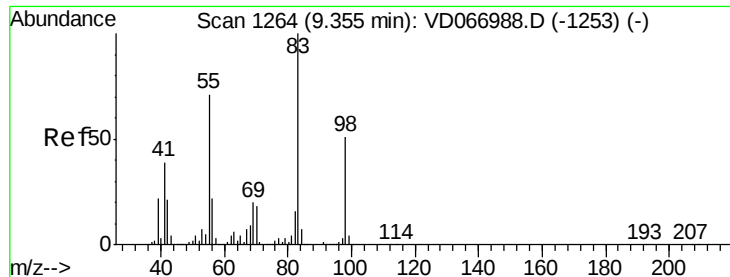
MMDadoda
10/2/2020 3:13:28 PM



#38
Carbon Tetrachloride
Concen: 49.044 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.7	118.1
121	31.3	24.2	36.2





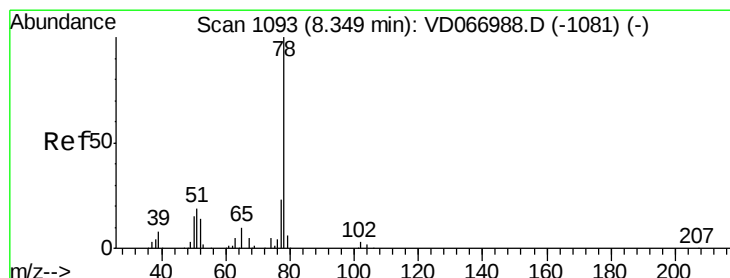
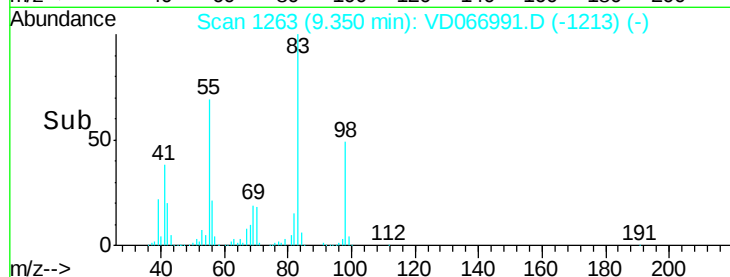
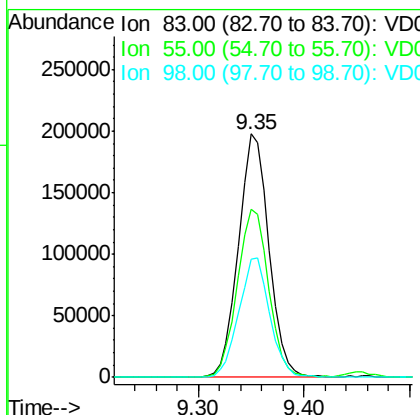
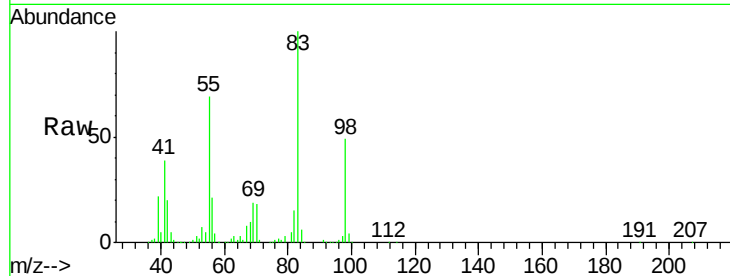
#39
Methvlcvclohexane
Concen: 51.986 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	57.1	85.7
98	48.7	40.9	61.3

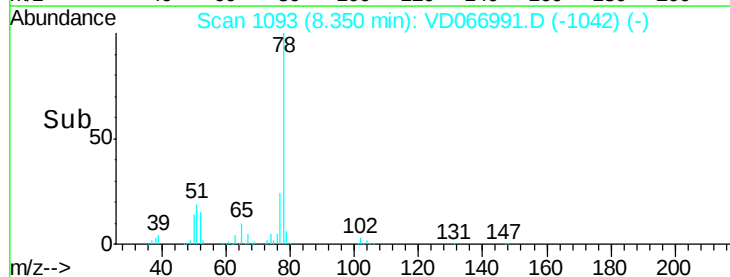
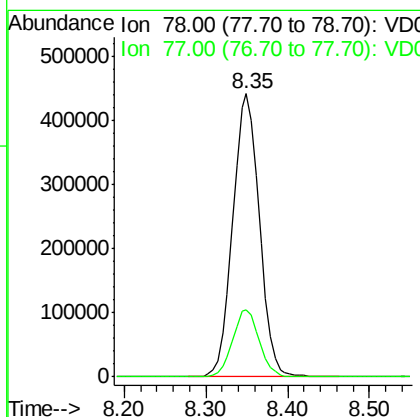
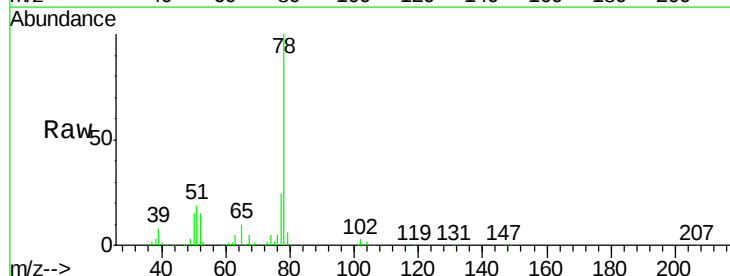
Manual Integrations
APPROVED

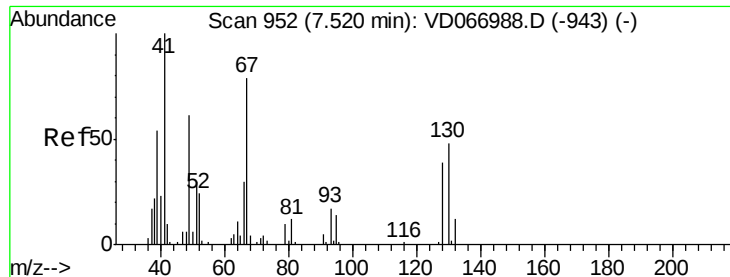
MMDadoda
10/2/2020 3:13:28 PM



#40
Benzene
Concen: 49.943 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.4	27.6





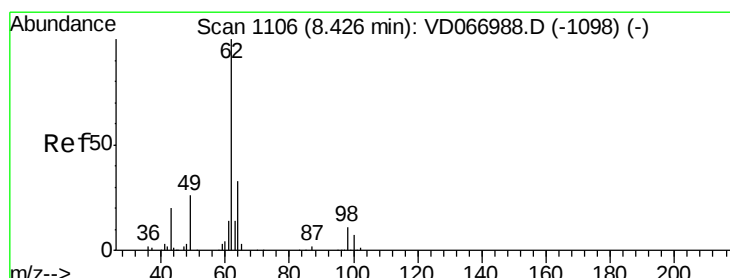
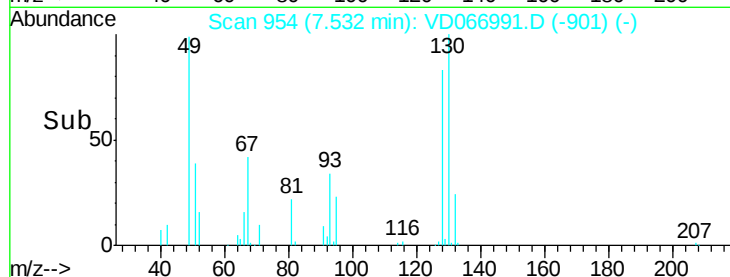
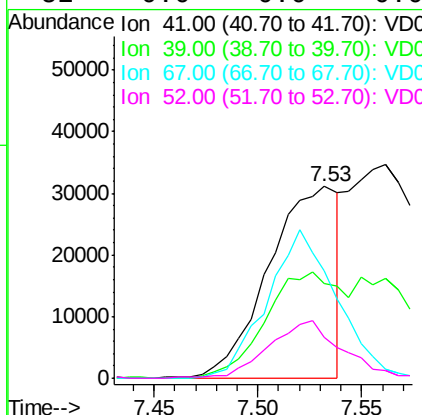
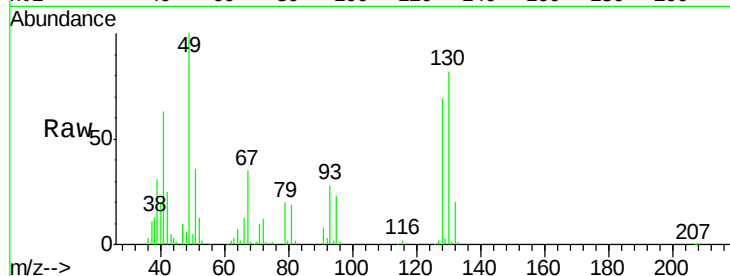
#41
Methacrylonitrile
Concen: 53.635 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

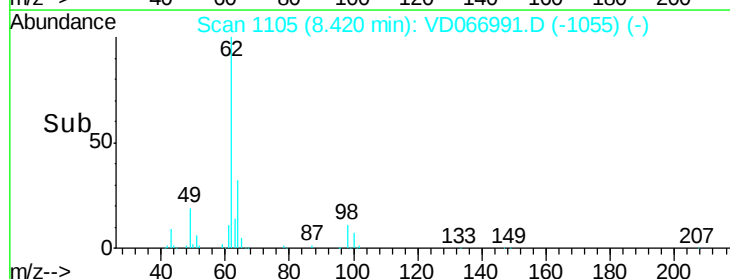
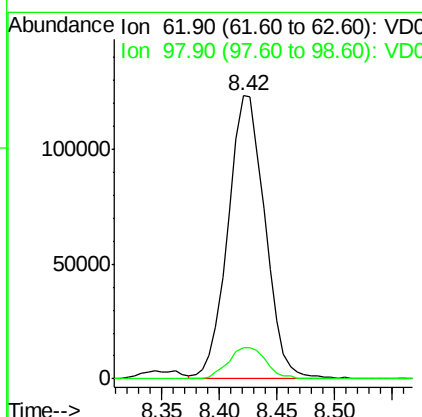
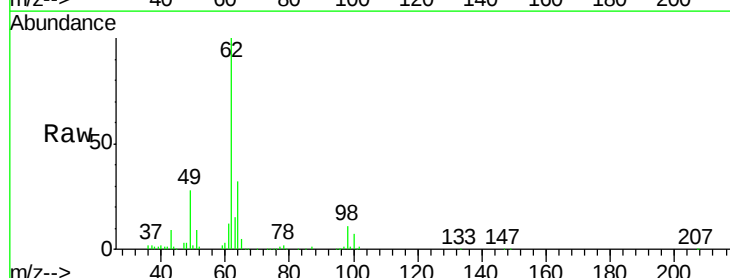
Manual Integrations
APPROVED

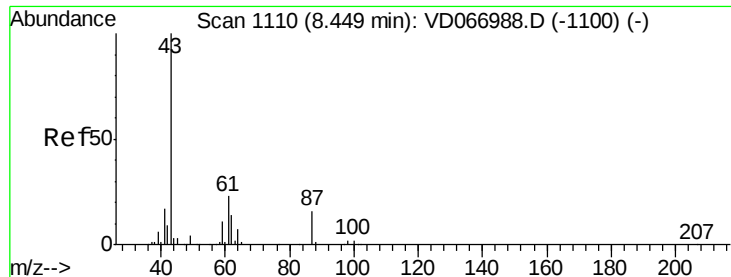
MMDadoda
10/2/2020 3:13:28 PM



#42
1,2-Dichloroethane
Concen: 48.685 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.6





#43

Isopropyl Acetate

Concen: 51.134 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

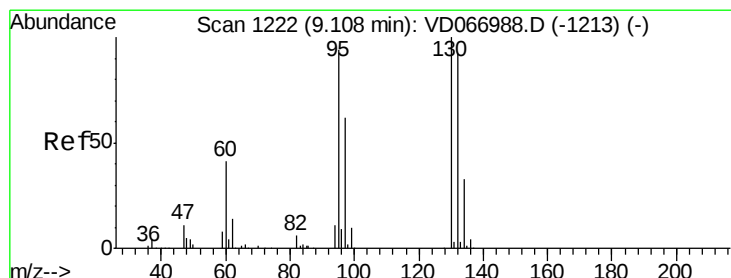
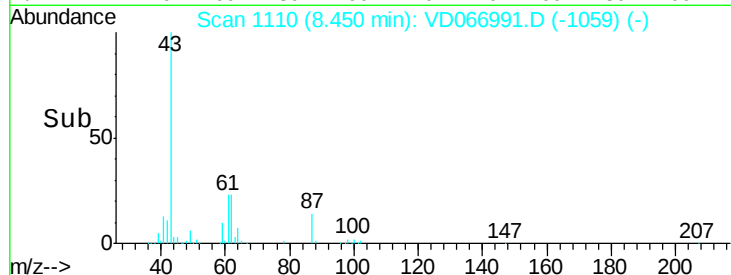
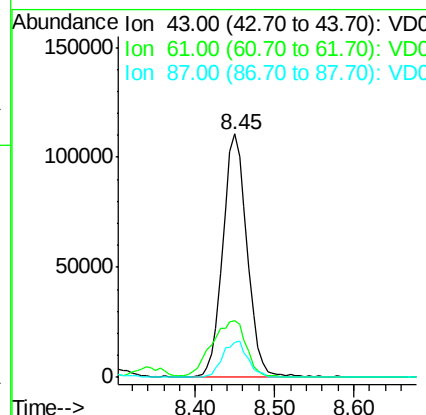
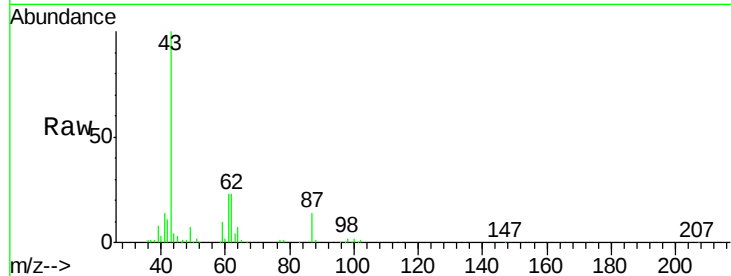
ClientSampleId :

ICVVD100120

Tot Ion:	43	Resp:	235546
Ion	Ratio	Lower	Upper
43	100		
61	33.2	27.1	40.7
87	15.1	12.3	18.5

Manual Integrations
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#44

Trichloroethene

Concen: 48.901 ug/l

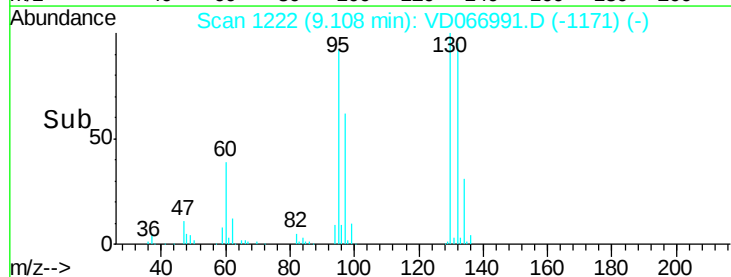
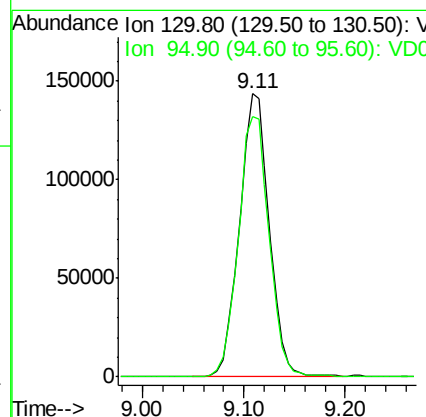
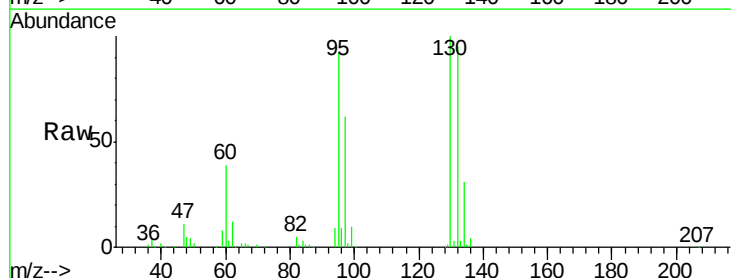
RT: 9.11 min Scan# 1222

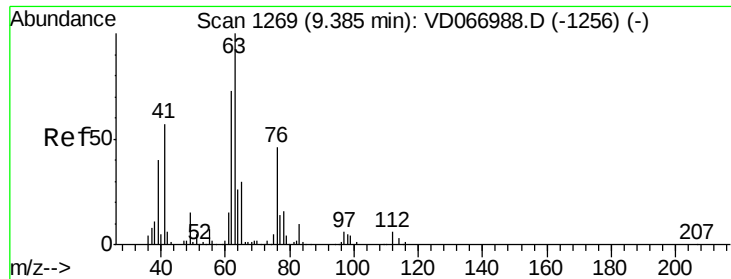
Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion:	130	Resp:	292752
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	187.8





#45

1,2-Dichloropropane

Concen: 51.605 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampled :

ICVVD100120

Tot Ion: 63 Resp: 243088

Ion Ratio Lower Upper

63 100

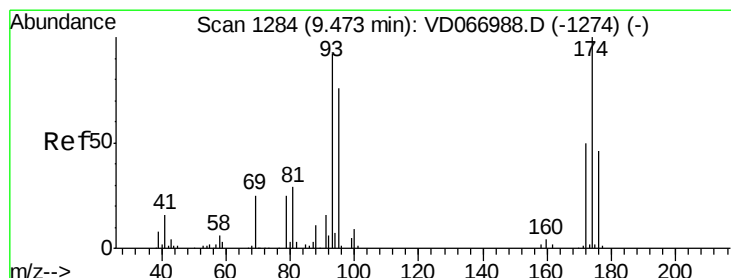
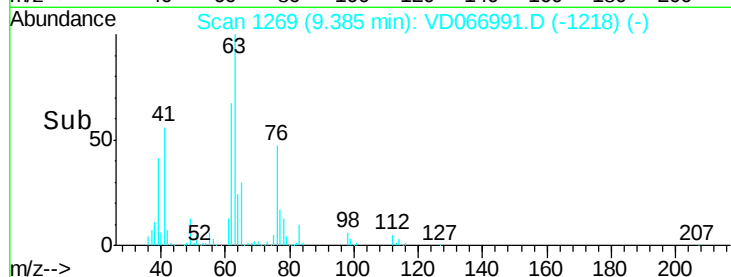
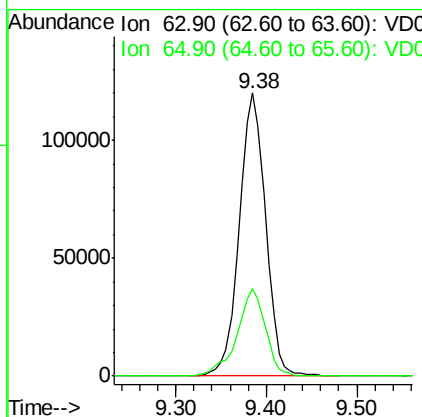
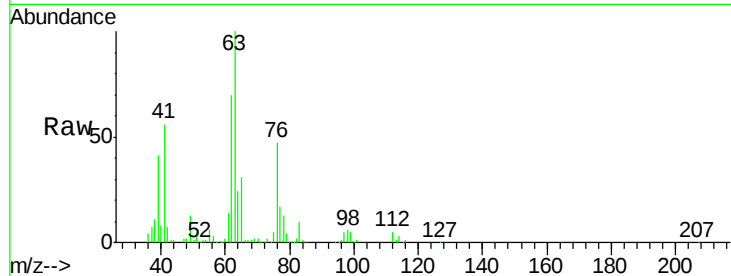
65 30.8 23.7 35.5

Manual Integrations

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10/2/2020 3:13:28 PM



#46

Dibromomethane

Concen: 50.369 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

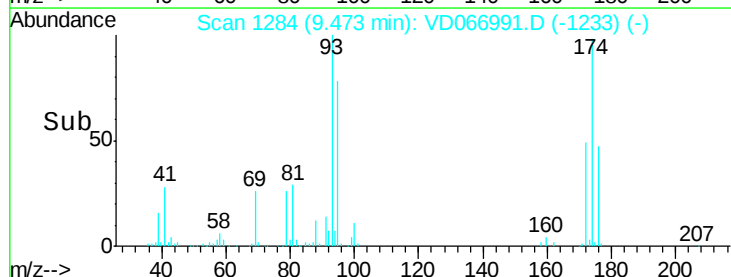
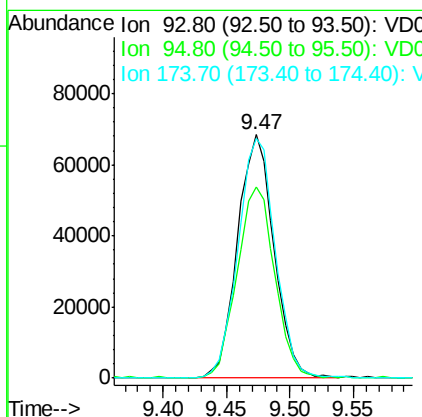
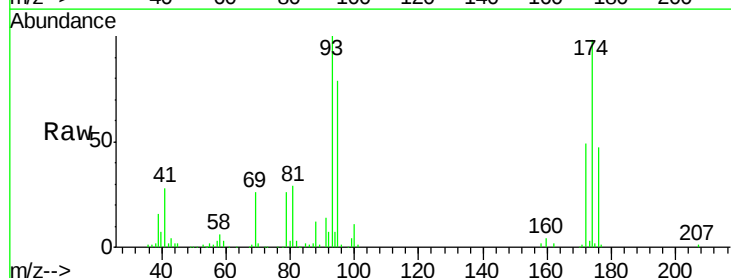
Tgt Ion: 93 Resp: 136368

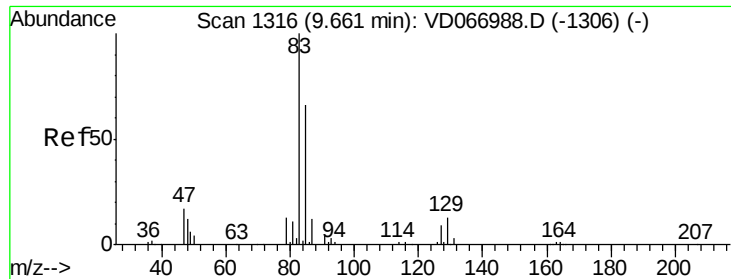
Ion Ratio Lower Upper

93 100

95 81.6 64.7 97.1

174 100.8 81.4 122.2





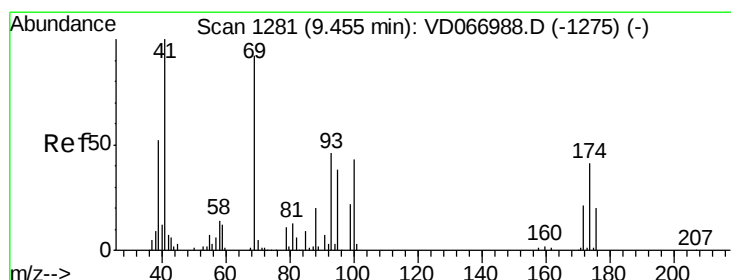
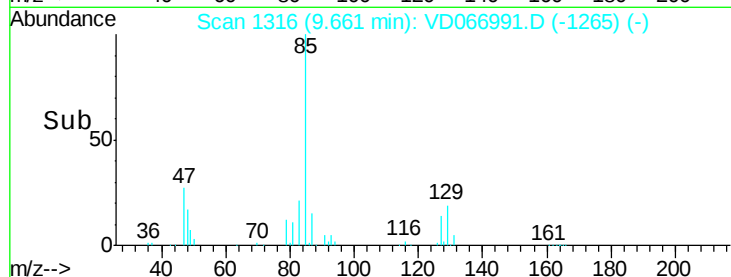
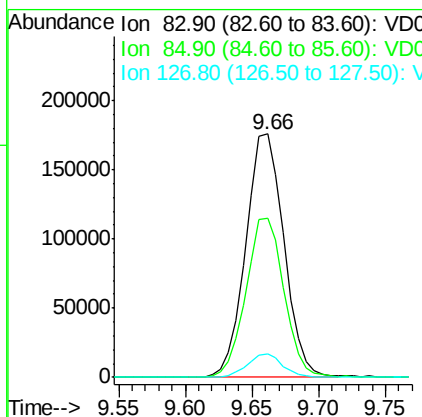
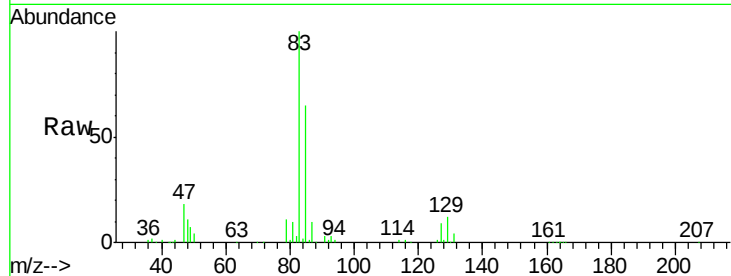
#47
Bromodichloromethane
Concen: 49.480 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Resp	Lower	Upper
83	100	348230		
85	65.3	52.9	79.3	
127	9.4	7.3	10.9	

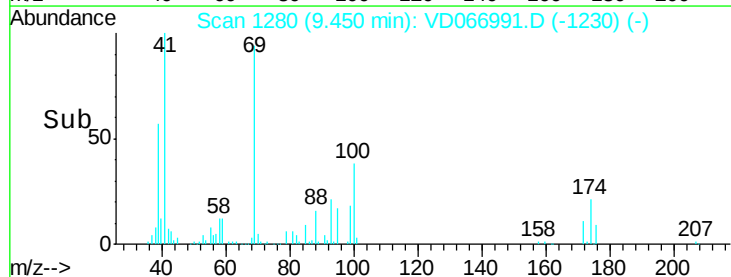
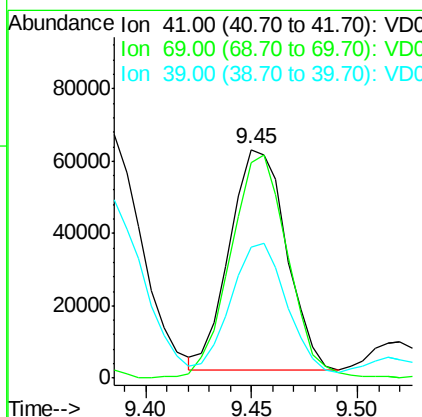
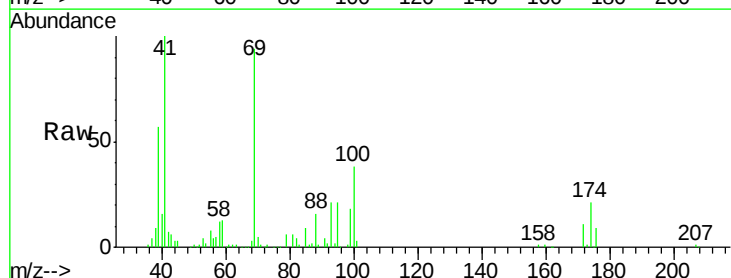
Manual Integrations
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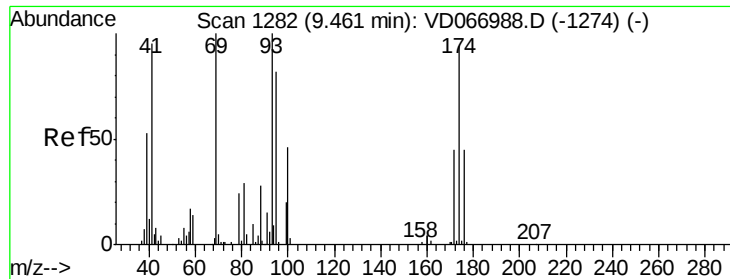
MMDadoda
10/2/2020 3:13:28 PM



#48
Methyl methacrylate
Concen: 48.199 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	113748		
69	102.8	68.5	102.7#	
39	56.9	40.2	60.2	





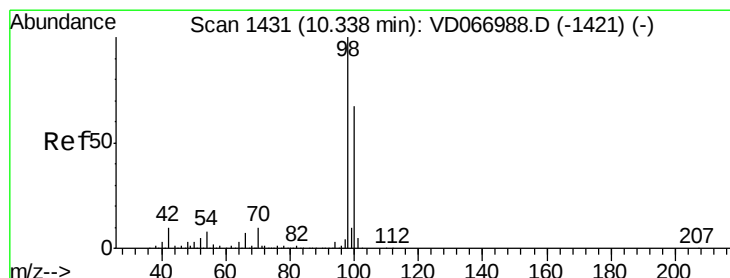
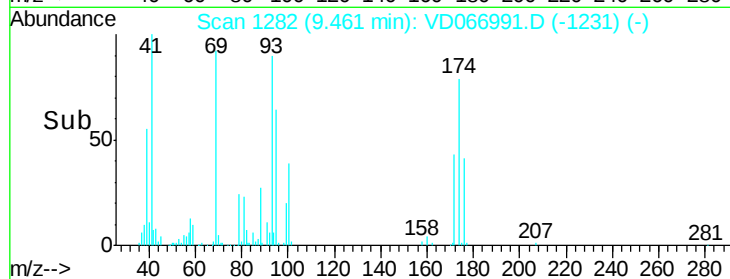
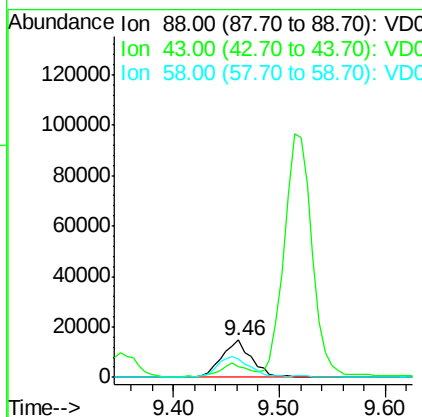
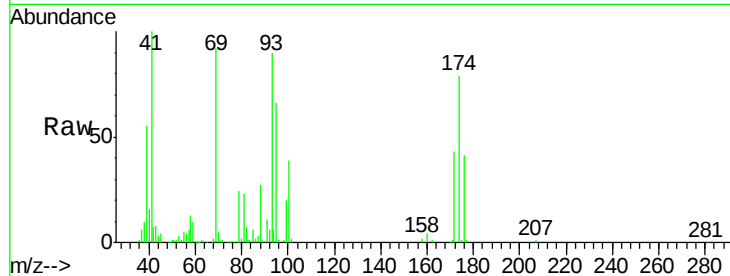
#49
1,4-Dioxane
Concen: 1032.854 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	25.6	38.4
58	60.1	53.5	80.3

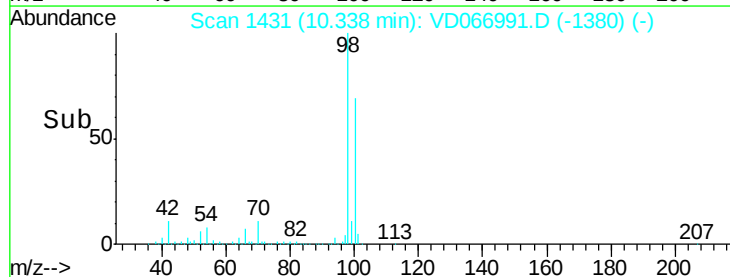
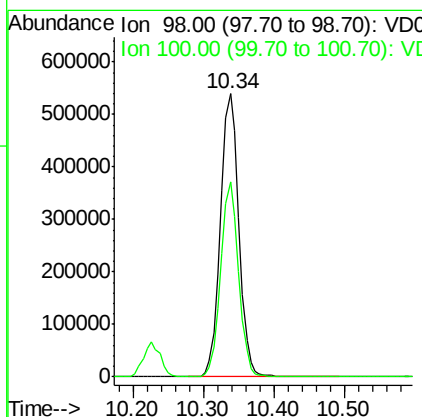
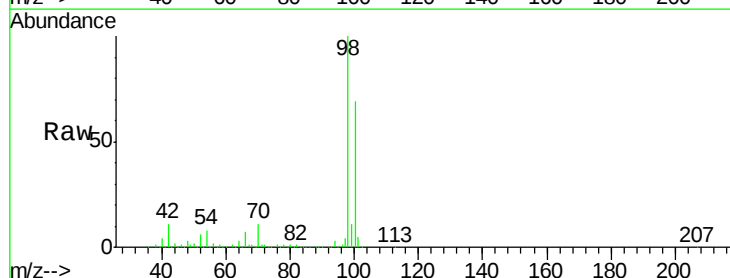
Manual Integrations
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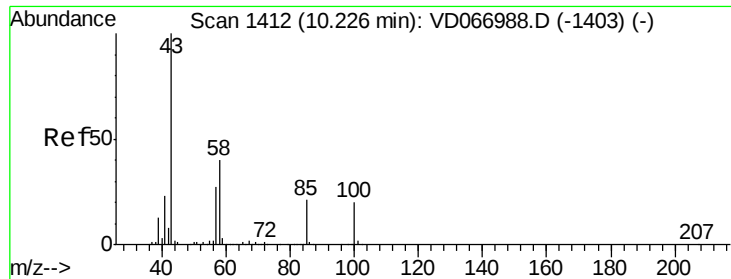
MMDadoda
10/2/2020 3:13:28 PM



#50
Toluene-d8
Concen: 52.827 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.8	79.2





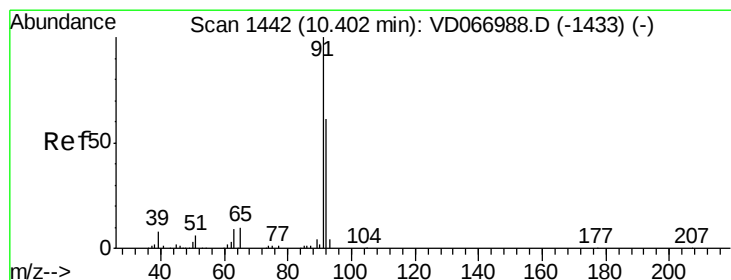
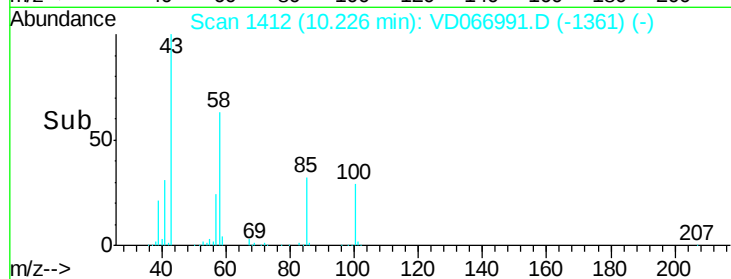
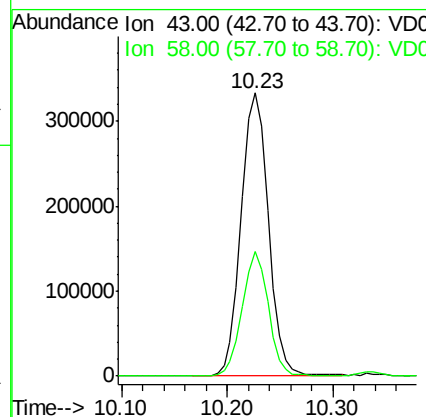
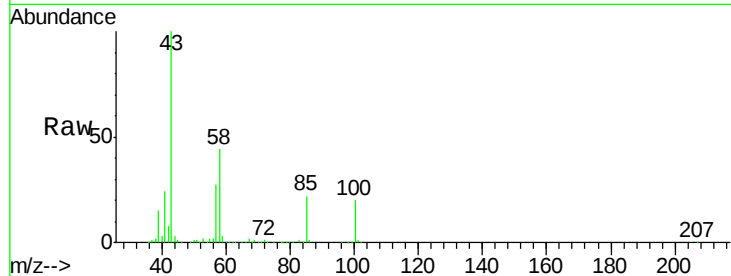
#51
4-Methyl-2-Pentanone
Concen: 261.102 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	43	58	Ratio	Lower	Upper
Resp: 599089	100	42.2		33.8	50.8

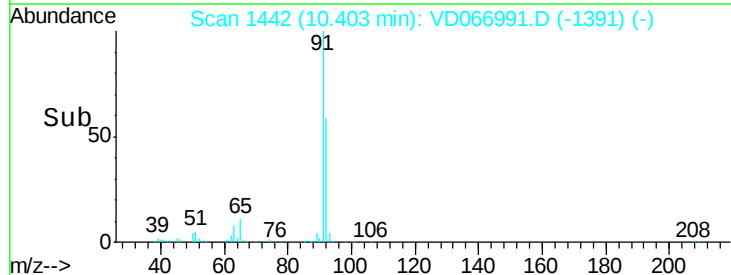
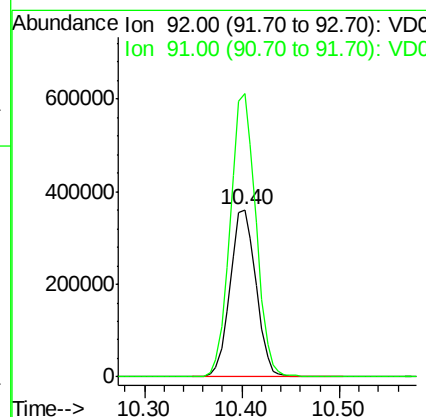
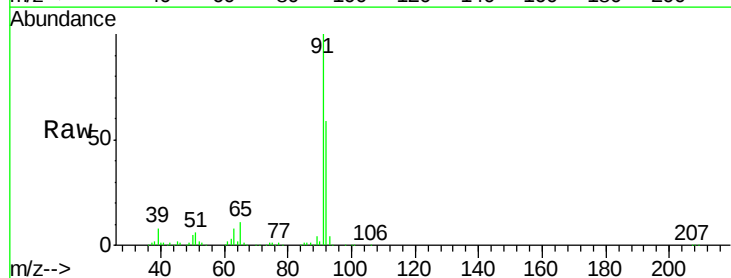
Manual Integrations
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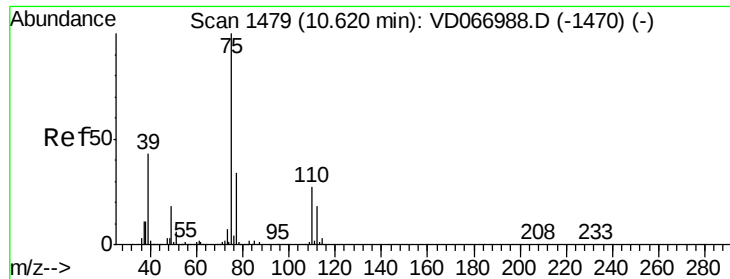
MMDadoda
10/2/2020 3:13:28 PM



#52
Toluene
Concen: 51.331 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	92	91	Ratio	Lower	Upper
Resp: 662911	100	168.6		135.1	202.7





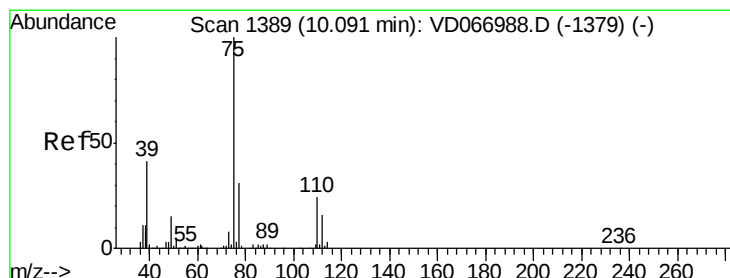
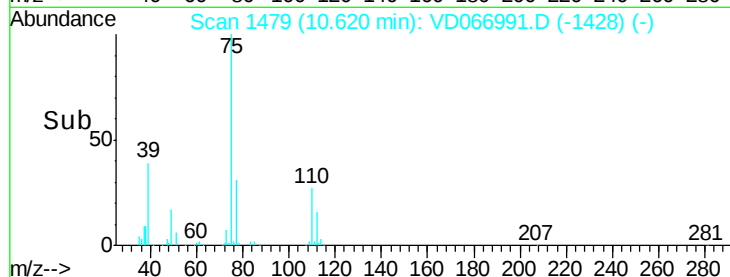
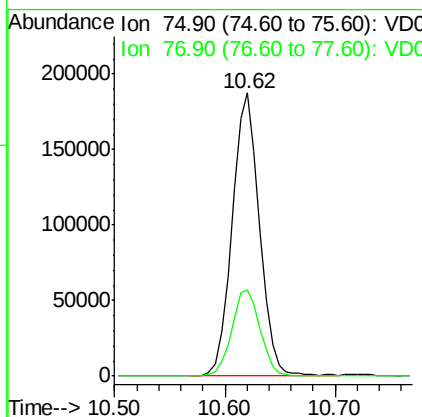
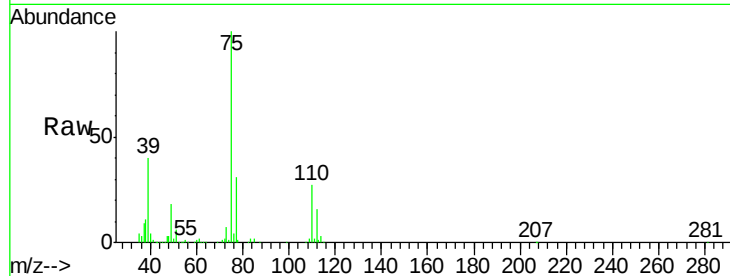
#53
t-1,3-Dichloropropene
Concen: 51.649 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	27.1	40.7

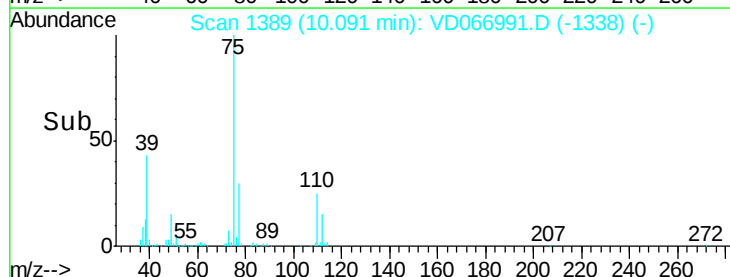
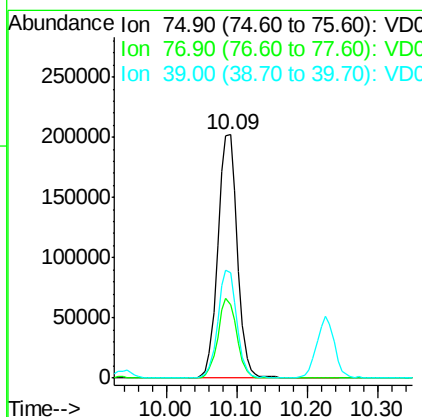
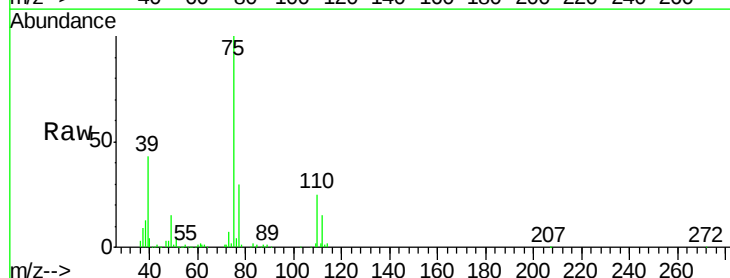
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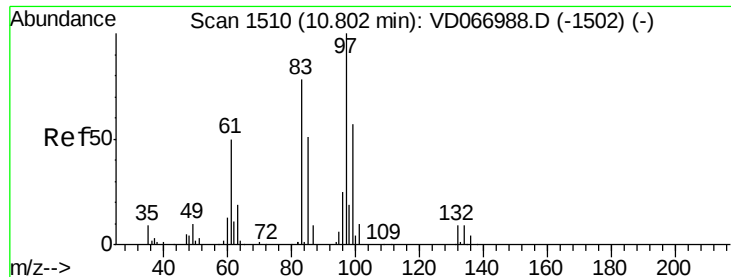
MMDadoda
10/2/2020 3:13:28 PM



#54
cis-1,3-Dichloropropene
Concen: 50.371 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.6	37.0
39	43.2	33.0	49.4





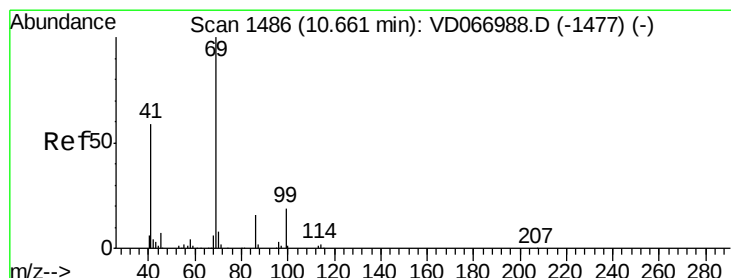
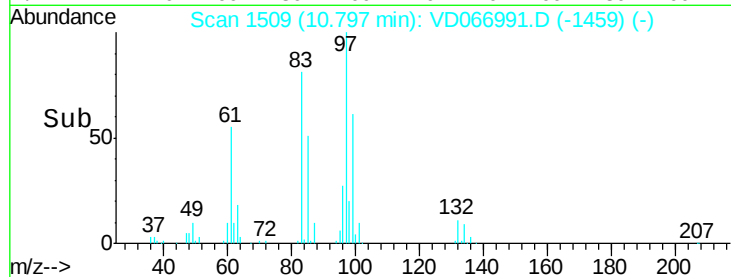
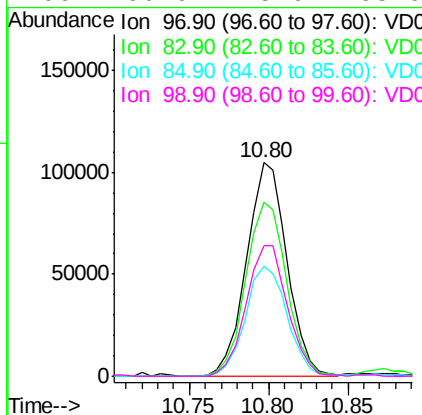
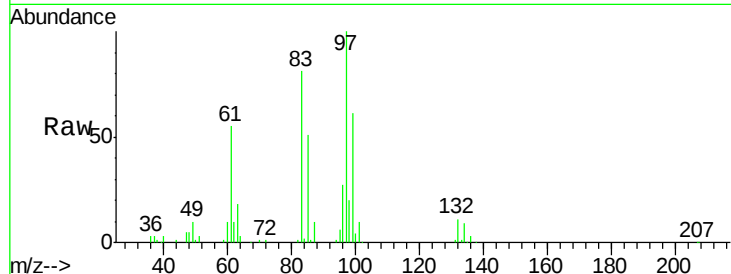
#55
 1,1,2-Trichloroethane
 Concen: 49.349 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		185755		
83	81.5	62.4	93.6		
85	51.4	41.0	61.4		
99	60.9	45.9	68.9		

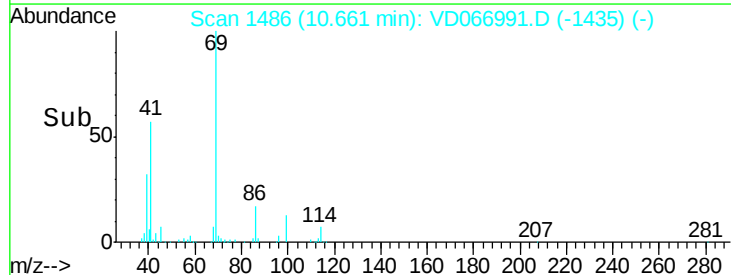
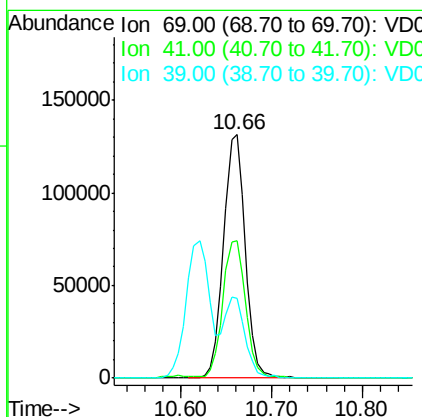
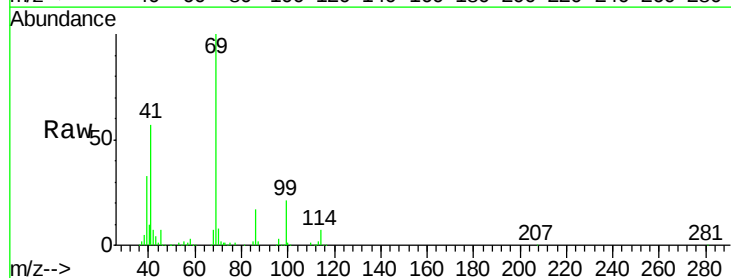
Manual Integrations
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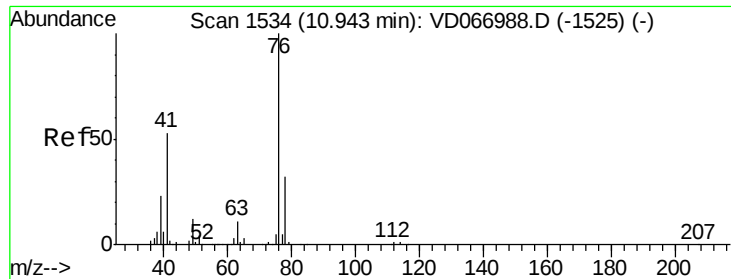
MMDadoda
 10/2/2020 3:13:28 PM



#56
 Ethyl methacrylate
 Concen: 56.163 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		218260		
41	59.8	46.4	69.6		
39	29.8	23.8	35.6		





#57

1,3-Dichloropropane

Concen: 50.614 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion: 76 Resp: 308945

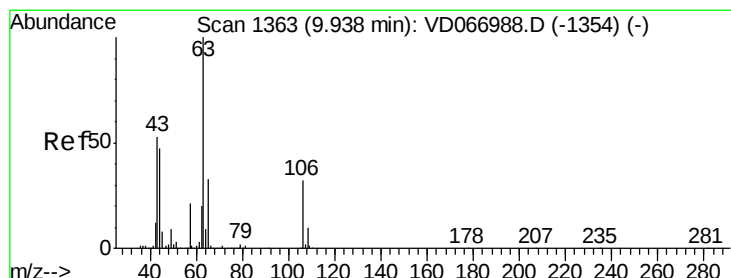
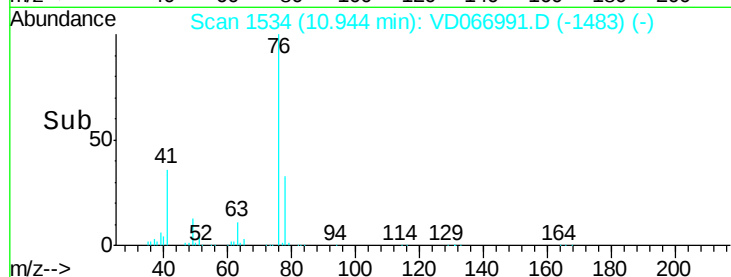
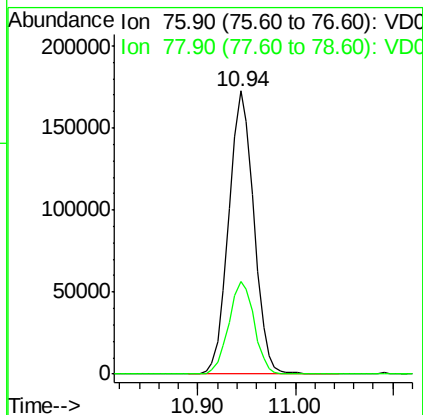
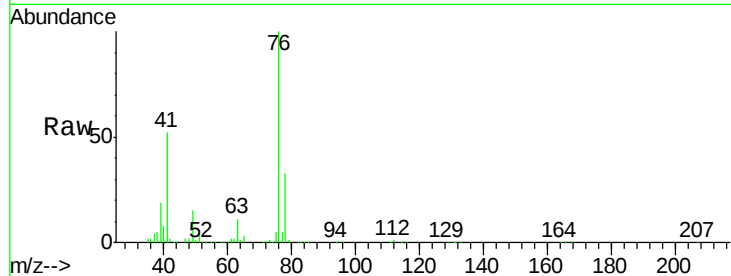
Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:28 PM



#58

2-Chloroethyl Vinyl ether

Concen: 265.980 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066991.D

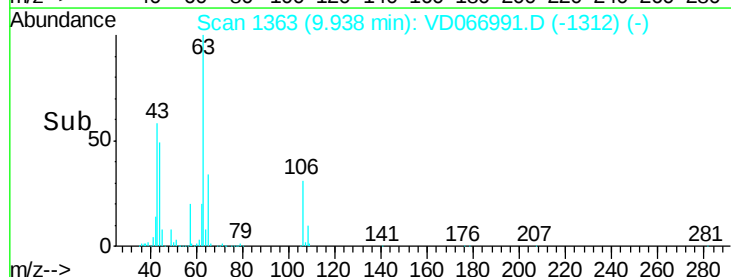
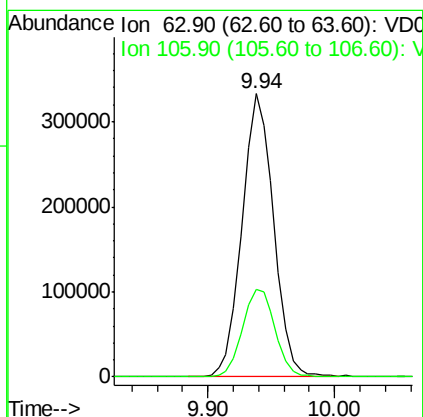
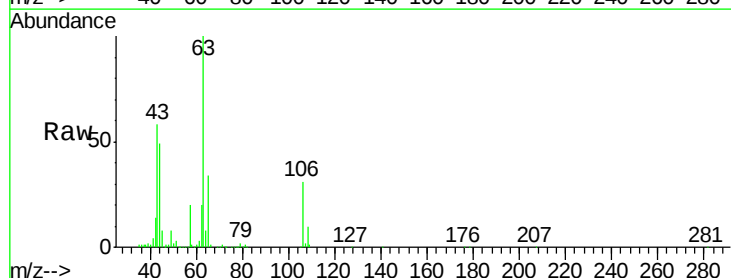
Acq: 01 Oct 2020 14:36

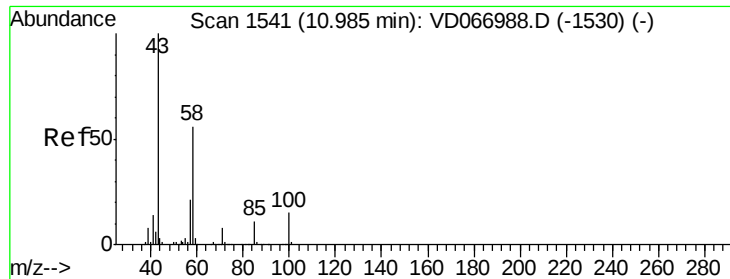
Tgt Ion: 63 Resp: 575316

Ion Ratio Lower Upper

63 100

106 31.9 25.3 37.9





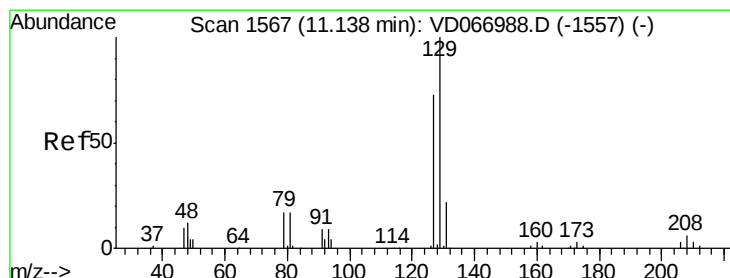
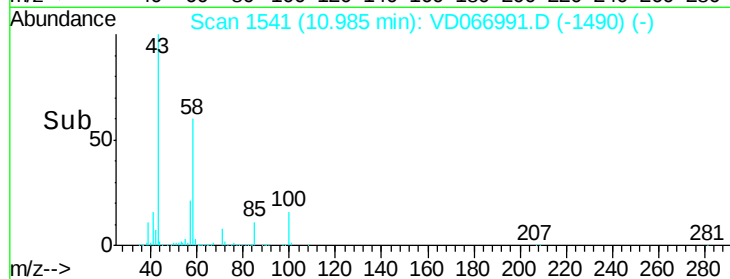
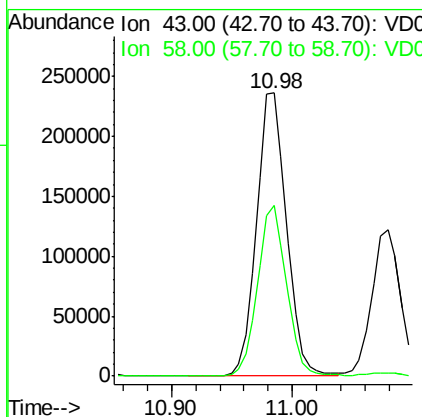
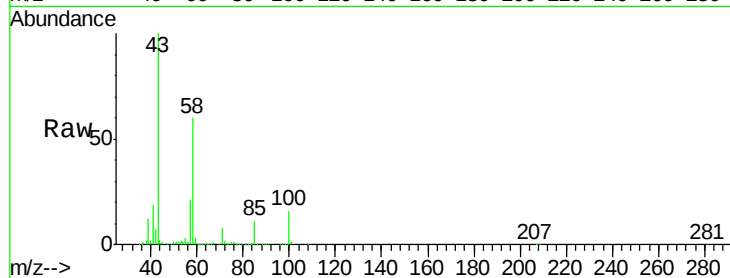
#59
2-Hexanone
Concen: 266.518 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion: 43 Resp: 408150
Ion Ratio Lower Upper
43 100
58 58.0 28.3 84.9

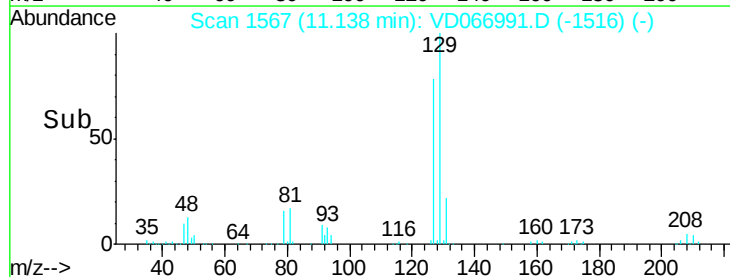
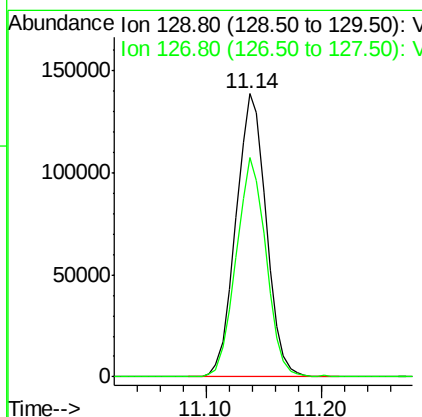
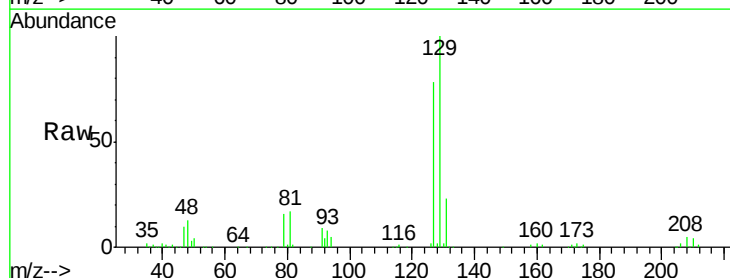
Manual Integrations
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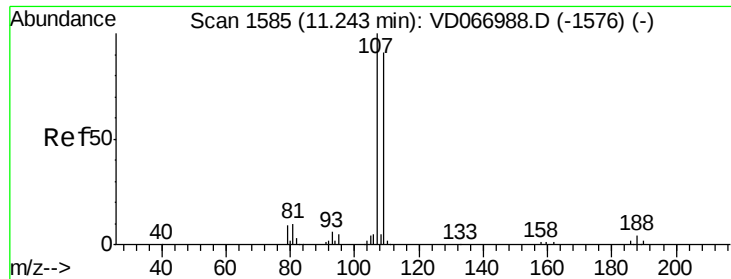
MMDadoda
10/2/2020 3:13:28 PM



#60
Dibromochloromethane
Concen: 50.294 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 129 Resp: 252321
Ion Ratio Lower Upper
129 100
127 76.8 37.4 112.1





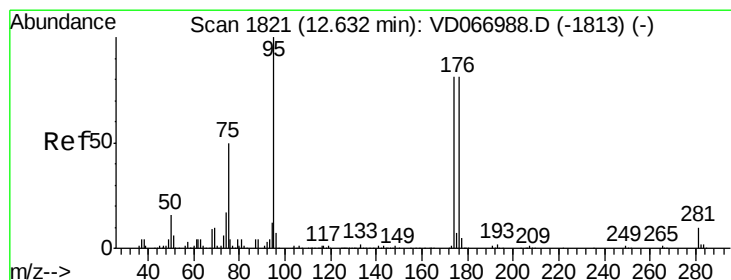
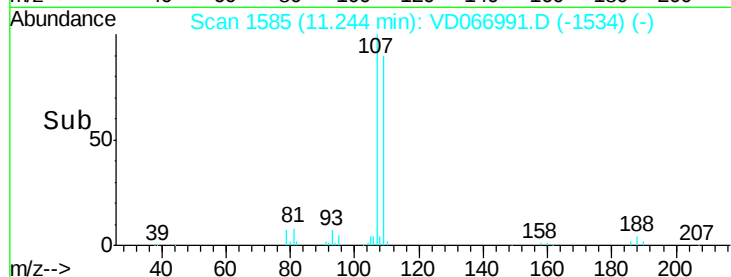
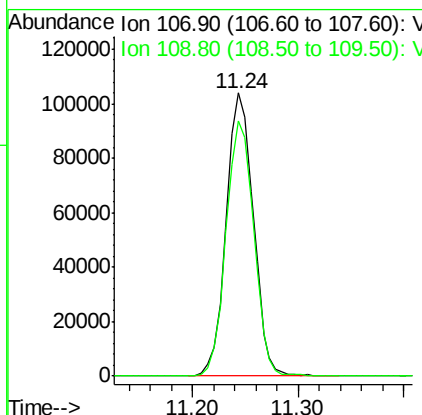
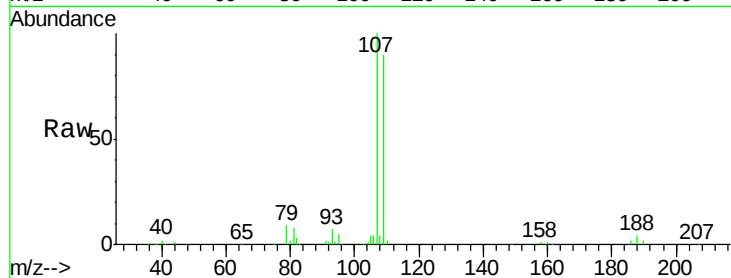
#61
 1,2-Dibromoethane
 Concen: 51.042 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	74.0	111.0

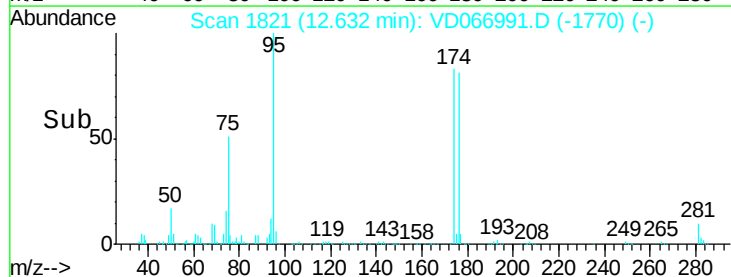
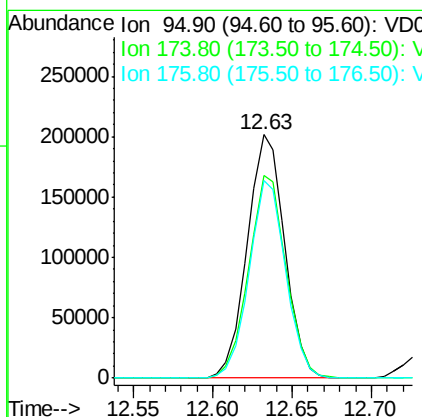
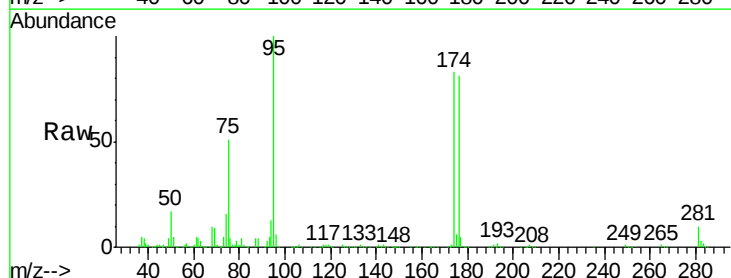
Manual Integrations
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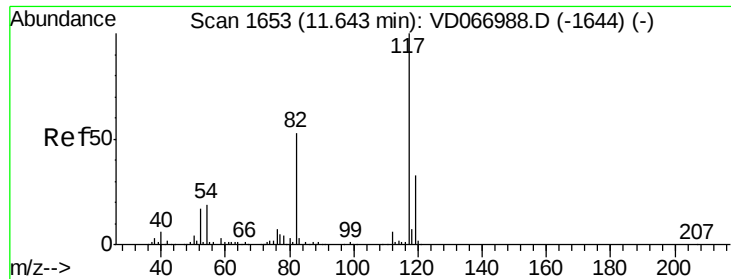
MMDadoda
 10/2/2020 3:13:28 PM



#62
 4-Bromofluorobenzene
 Concen: 52.773 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	167.6
176	79.2	0.0	162.4





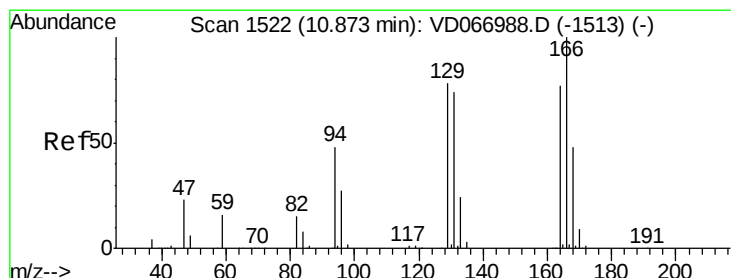
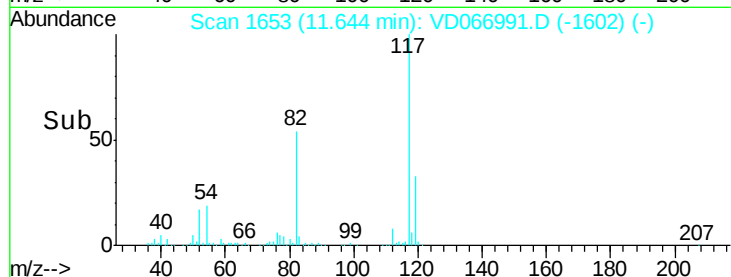
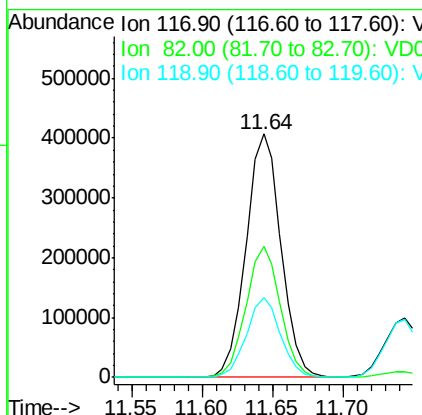
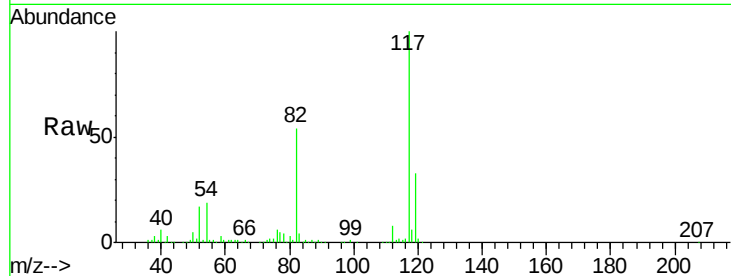
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.6	63.8
119	32.7	26.3	39.5

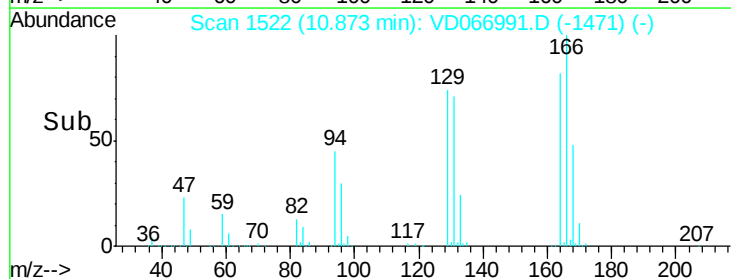
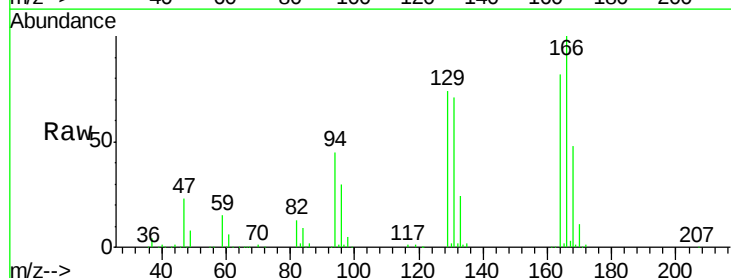
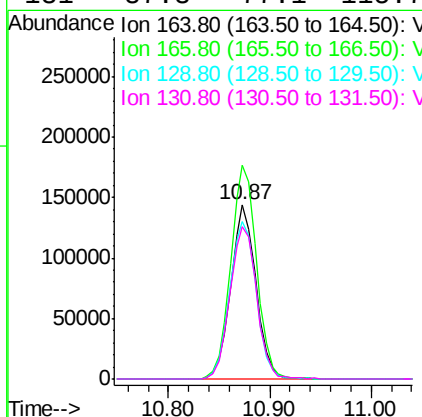
Manual Integrations
APPROVED

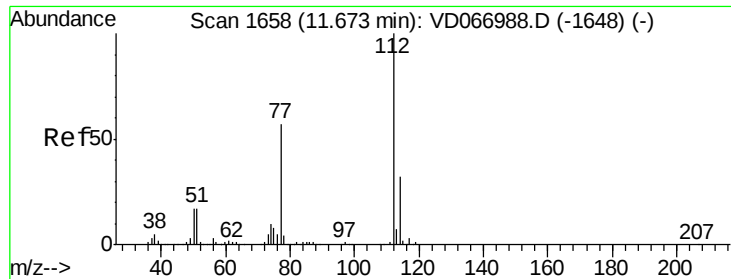
MMDadoda
10/2/2020 3:13:28 PM



#64
Tetrachloroethene
Concen: 47.925 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	104.4	156.6
129	90.5	81.3	121.9
131	87.3	77.1	115.7





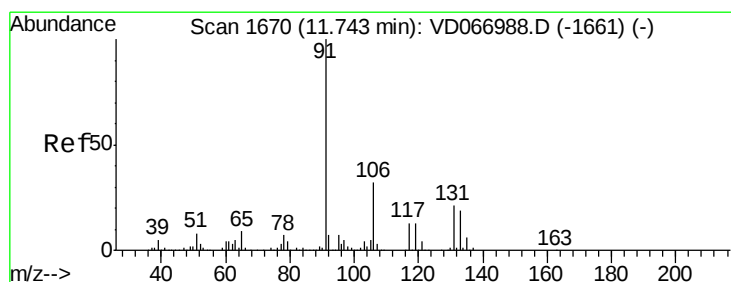
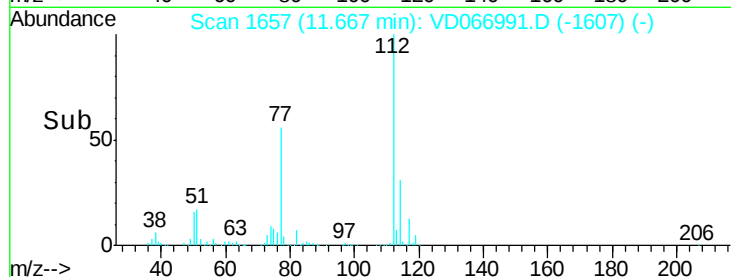
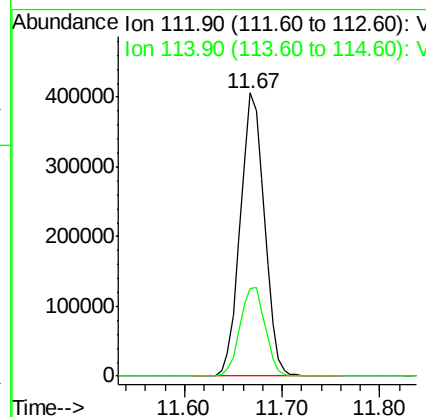
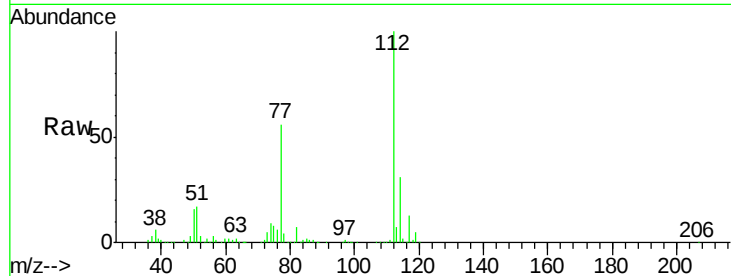
#65
Chlorobenzene
Concen: 49.680 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.4	38.0

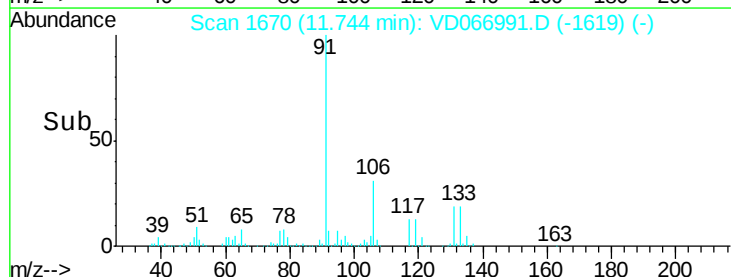
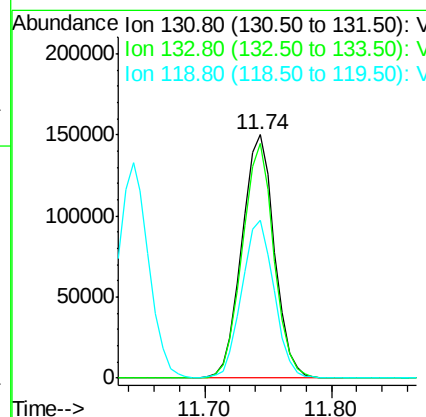
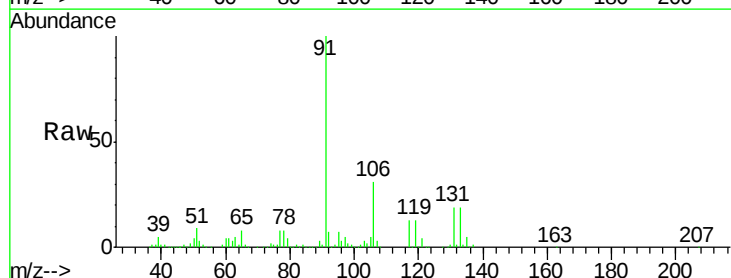
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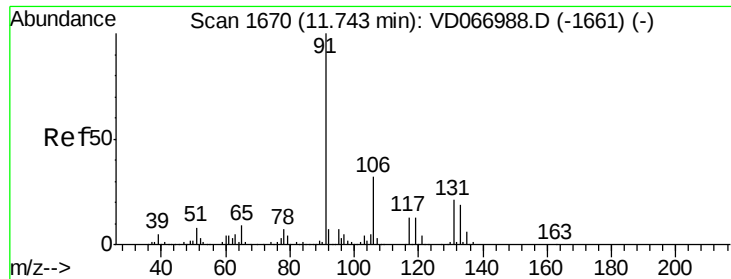
MMDadoda
10/2/2020 3:13:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.815 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.8	143.3
119	64.3	32.3	96.8





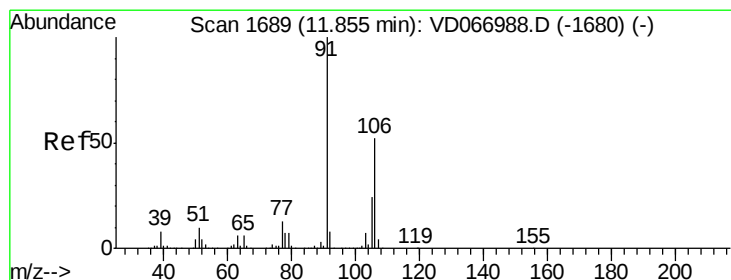
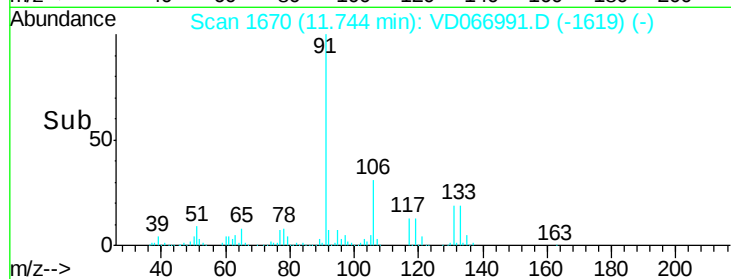
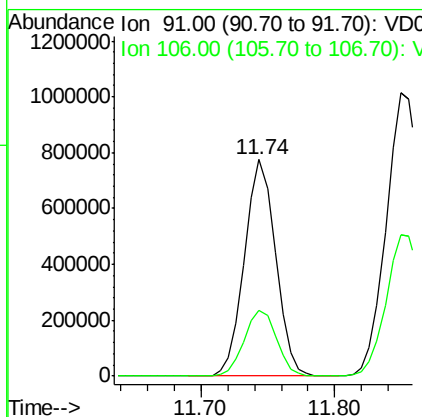
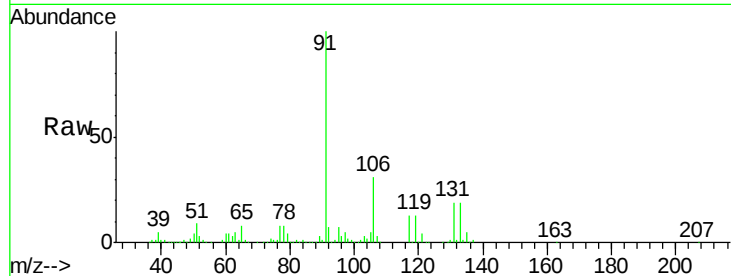
#67
Ethyl Benzene
Concen: 51.853 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion: 91 Resp: 1250571
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2

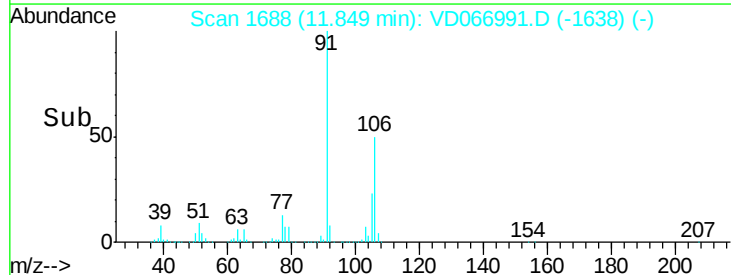
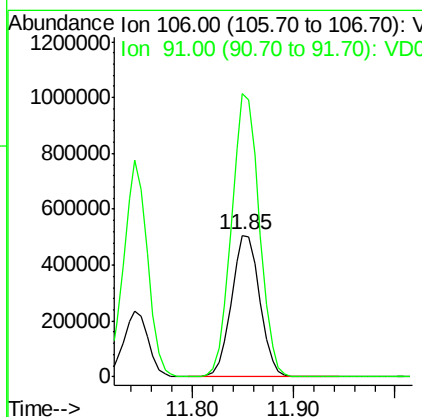
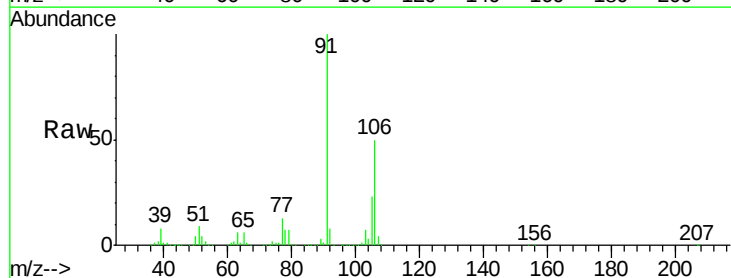
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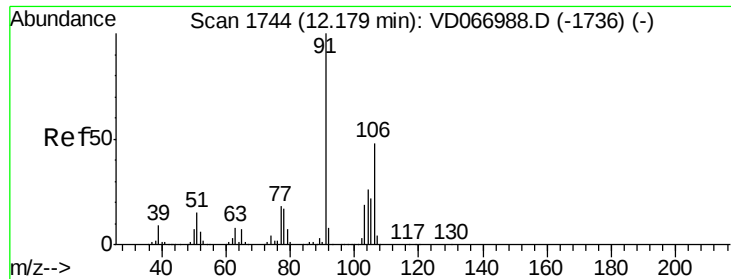
MMDadoda
10/2/2020 3:13:28 PM



#68
m/p-Xylenes
Concen: 103.762 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 106 Resp: 975254
Ion Ratio Lower Upper
106 100
91 196.8 158.4 237.6





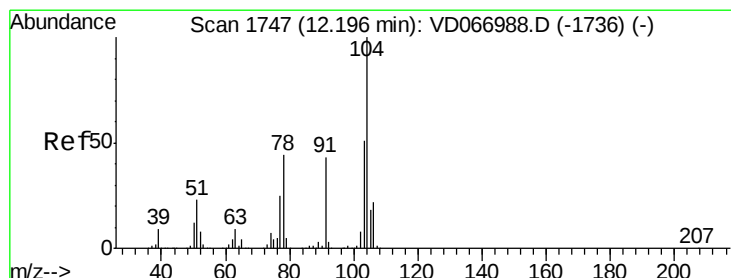
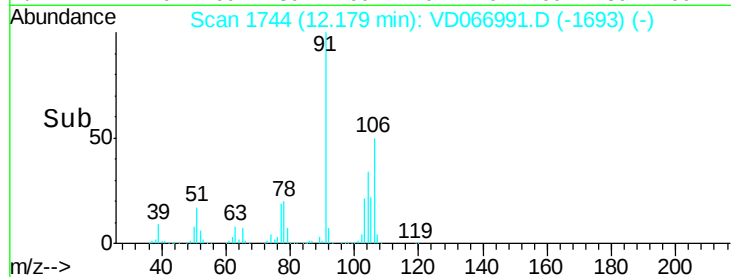
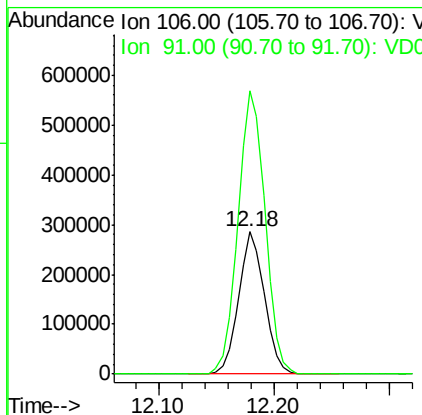
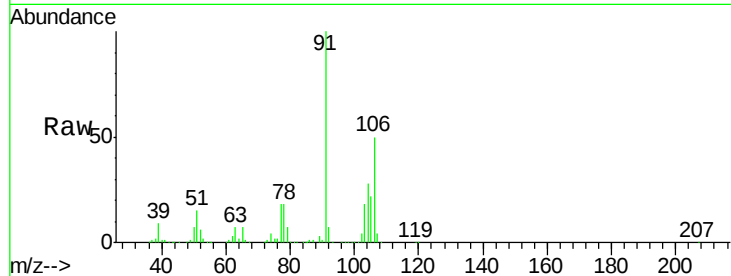
#69
o-Xylene
Concen: 52.546 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
441651	106	100			
	91	208.8	102.4	307.2	

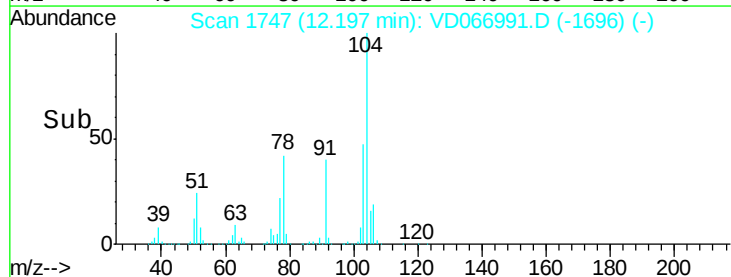
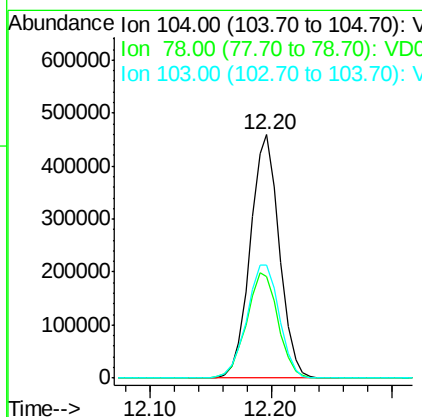
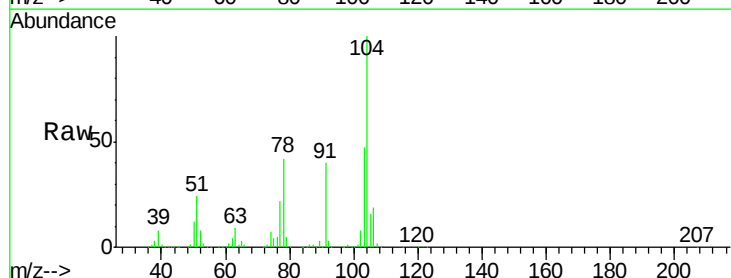
Manual Integrations
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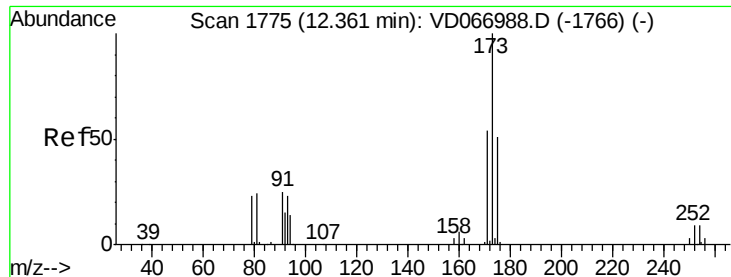
MMDadoda
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#70
Styrene
Concen: 53.127 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
766764	104	100			
	78	47.3	38.6	58.0	
	103	52.3	43.4	65.0	





#71

Bromoform

Concen: 49.224 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion:173 Resp: 136808

Ion Ratio Lower Upper

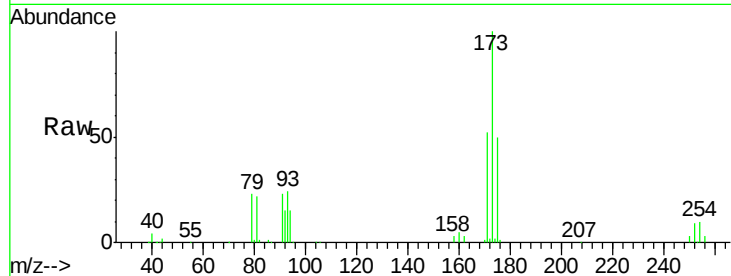
173 100

175 49.2 24.9 74.7

254 0.0 0.2 0.4#

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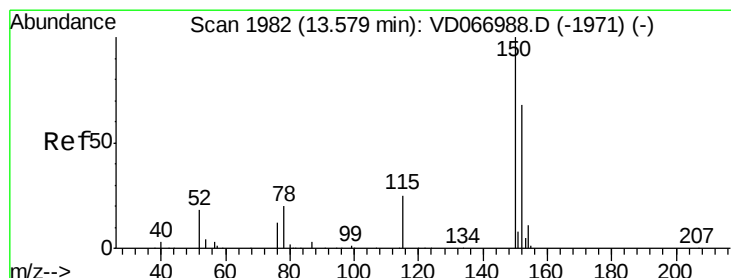
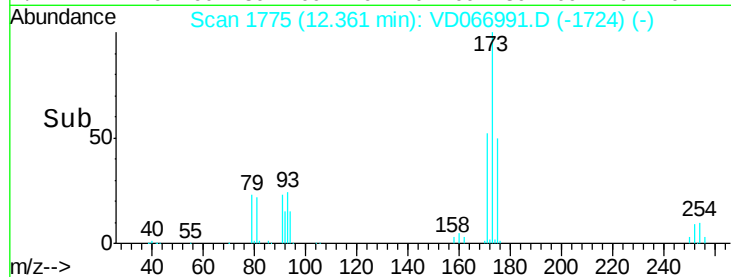
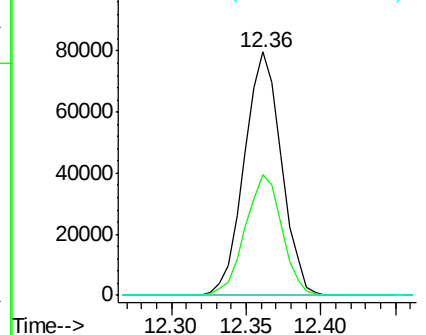
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD066991.D

Acq: 01 Oct 2020 14:36

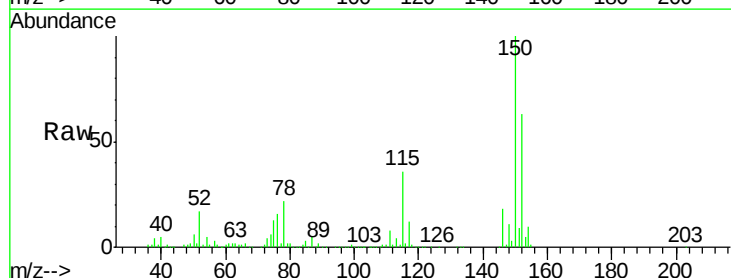
Tgt Ion:152 Resp: 335950

Ion Ratio Lower Upper

152 100

115 60.3 29.6 88.8

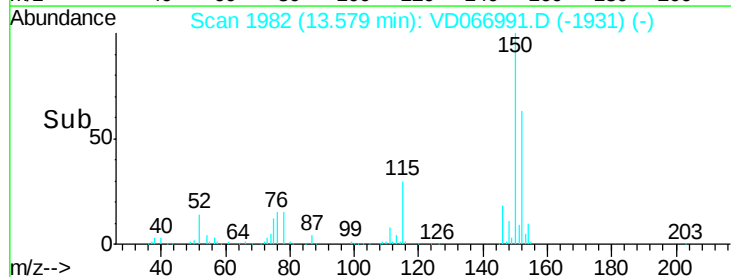
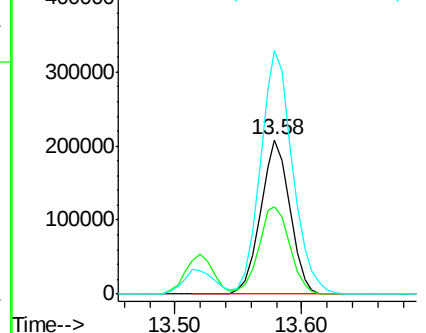
150 172.3 0.0 344.8

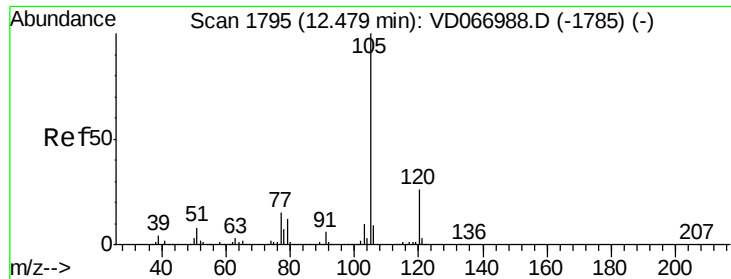


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





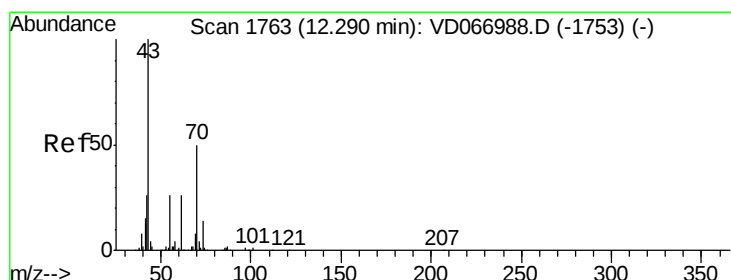
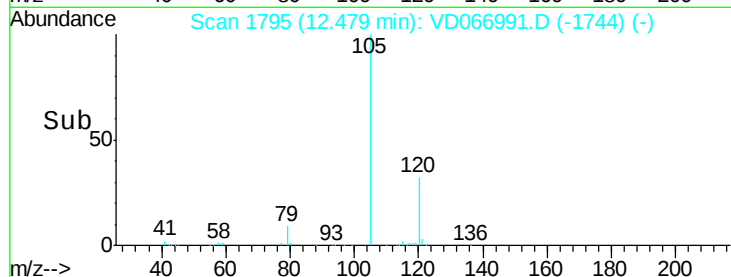
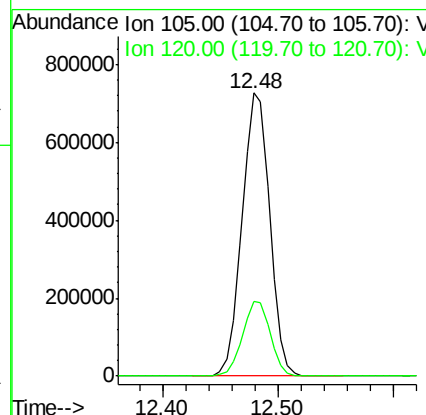
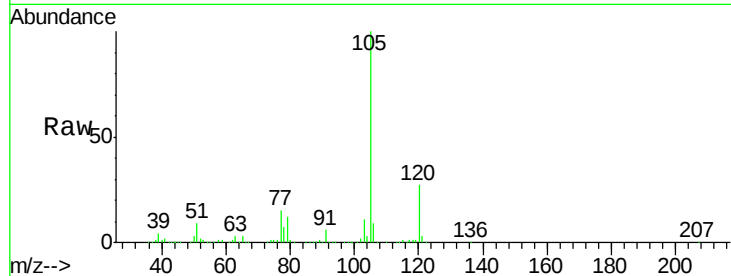
#73
Isopropylbenzene
Concen: 52.750 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion:105 Resp: 1203309
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

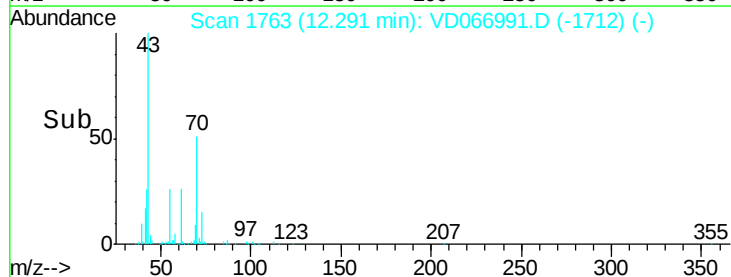
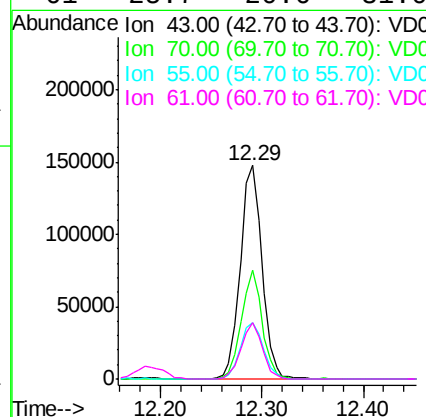
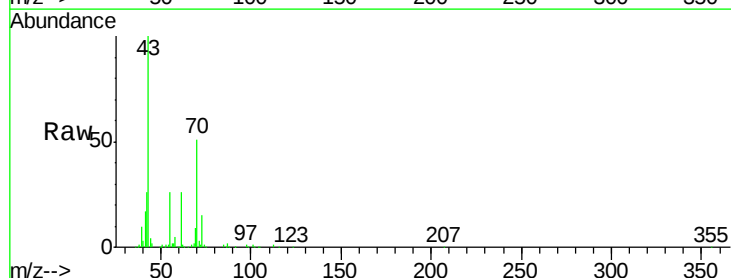
Manual Integrations
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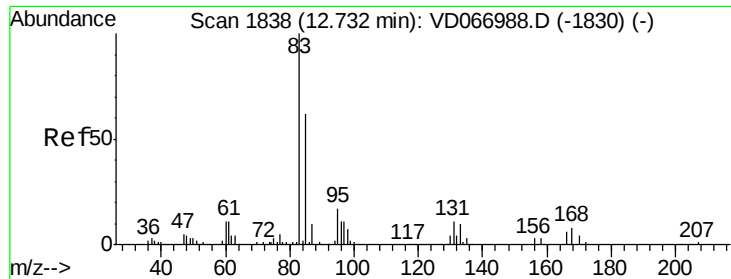
MMDadoda
10/2/2020 3:13:28 PM



#74
N-ethyl acetate
Concen: 53.549 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 43 Resp: 219589
Ion Ratio Lower Upper
43 100
70 48.4 38.2 57.2
55 28.0 22.4 33.6
61 25.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.703 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

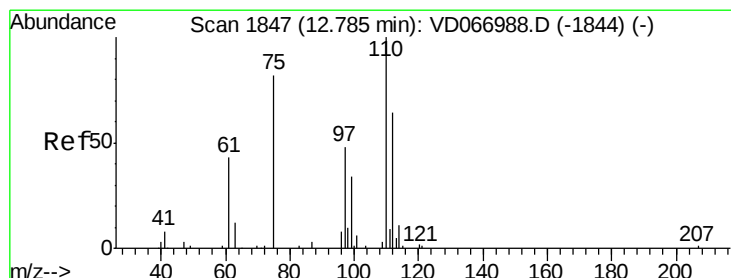
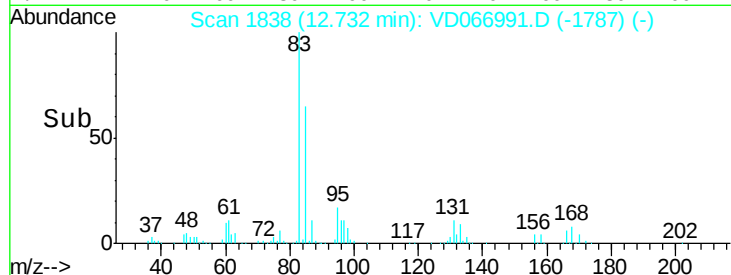
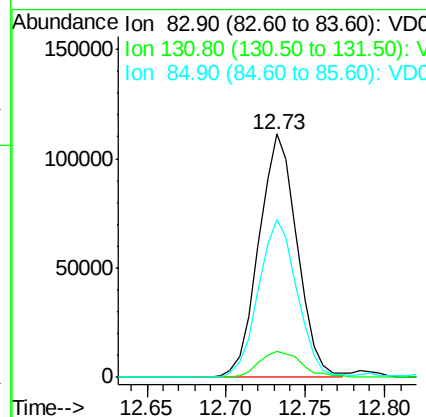
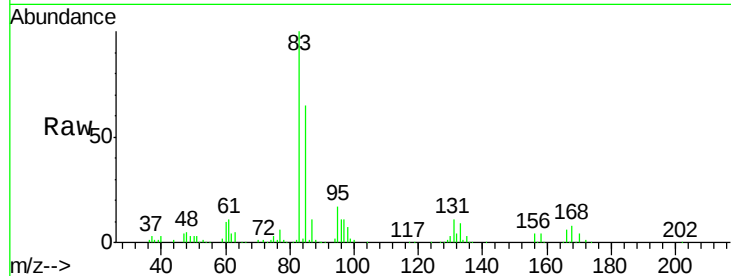
ClientSampleId :

ICVVD100120

Tot Ion:	83	Resp:	187184
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.7	17.0
85	65.8	32.0	96.2

Manual Integrations
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10/2/2020 3:13:28 PM



#76

1,2,3-Trichloropropane

Concen: 42.290 ug/l m

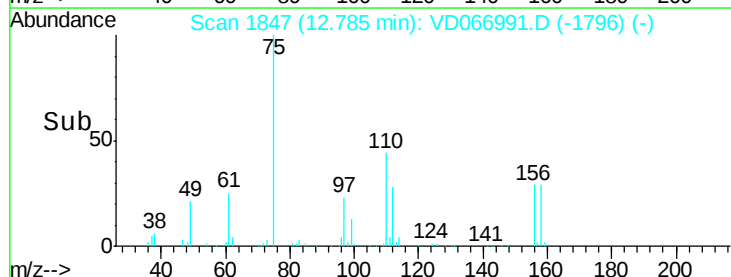
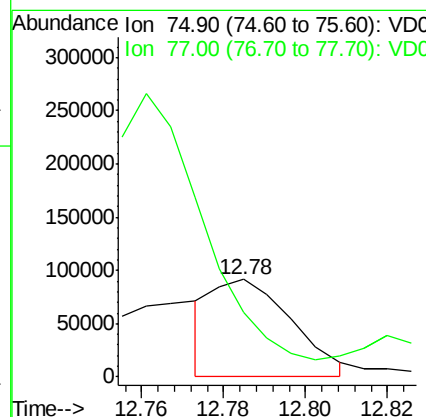
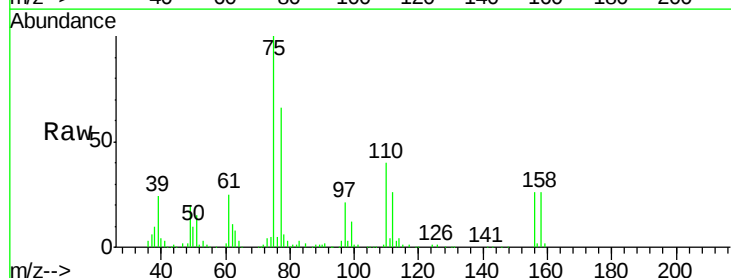
RT: 12.78 min Scan# 1847

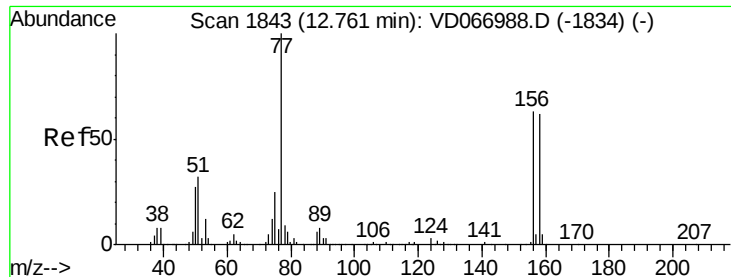
Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion:	75	Resp:	123750
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.168 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

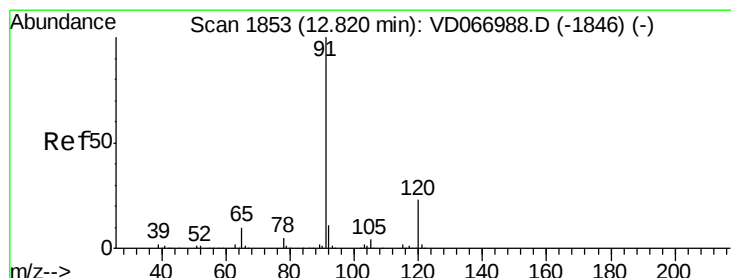
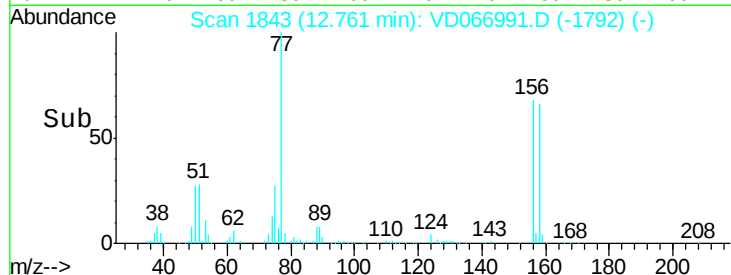
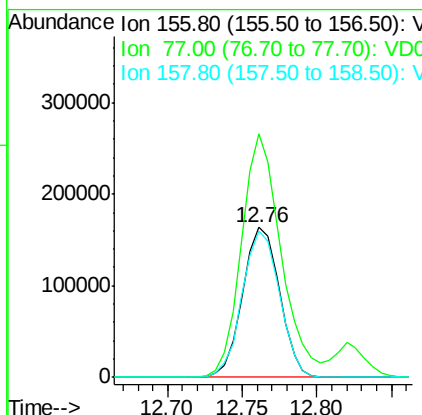
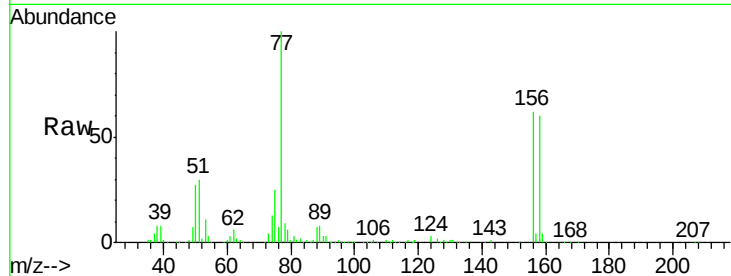
ClientSampleId :

ICVVD100120

Tot Ion	Ion	Ratio	Lower	Upper
281839	156	100		
	77	173.0	86.3	258.8
	158	98.0	49.5	148.3

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#78

n-propylbenzene

Concen: 52.143 ug/l

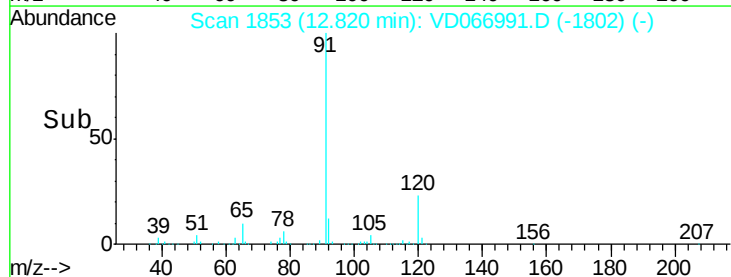
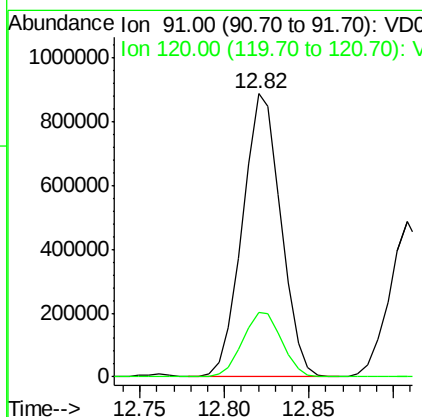
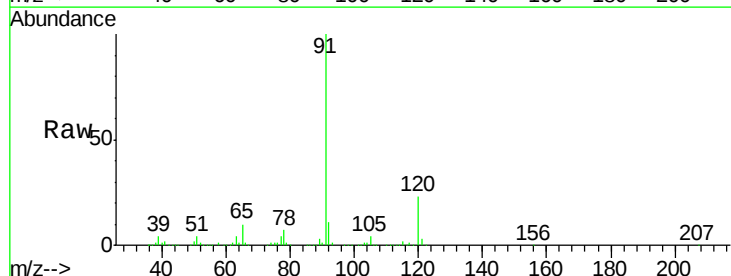
RT: 12.82 min Scan# 1853

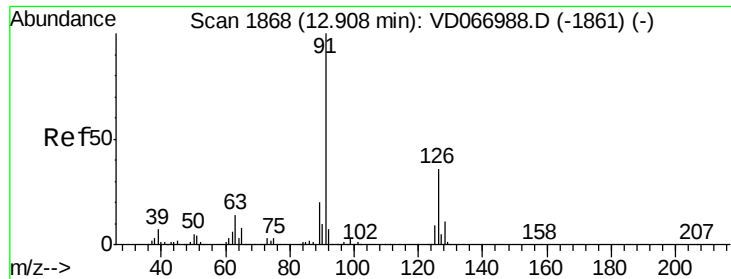
Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion	Ion	Ratio	Lower	Upper
1405739	91	100		
	120	23.3	11.6	34.8





#79

2-Chlorotoluene

Concen: 51.553 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

ICVVD100120

Tot Ion: 91 Resp: 795185

Ion Ratio Lower Upper

91 100

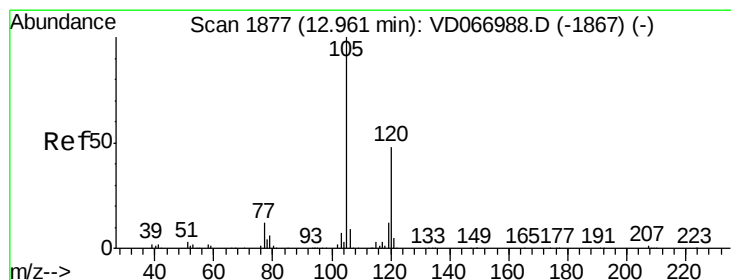
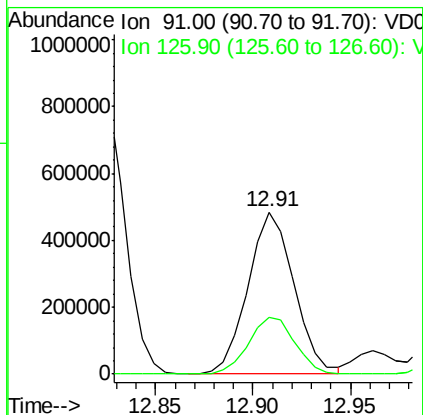
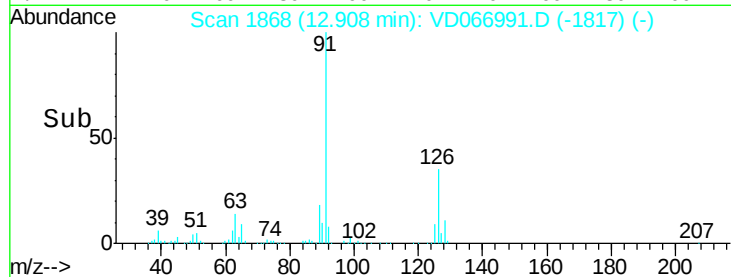
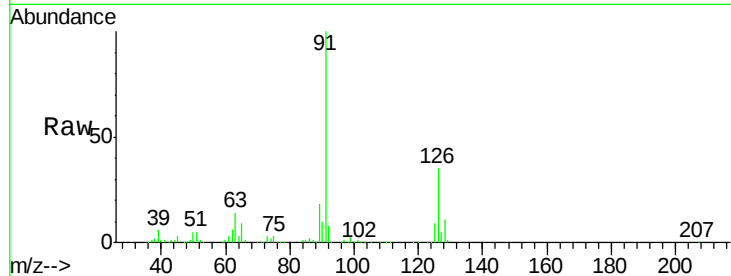
126 35.2 17.5 52.6

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#80

1,3,5-Trimethylbenzene

Concen: 52.392 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066991.D

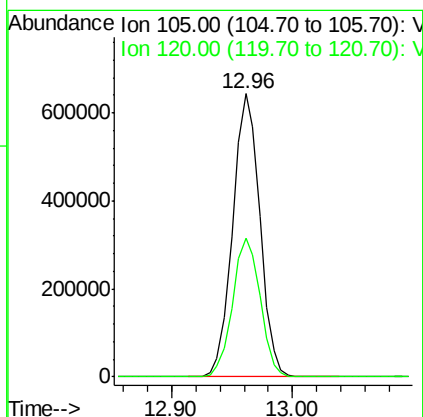
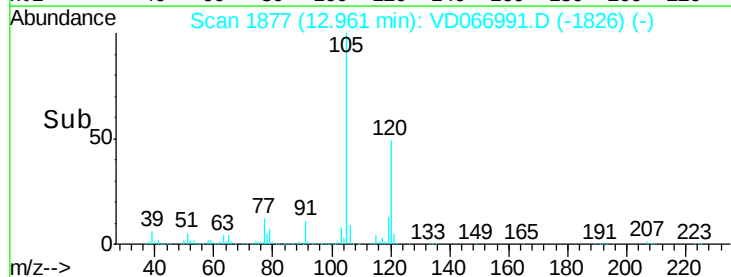
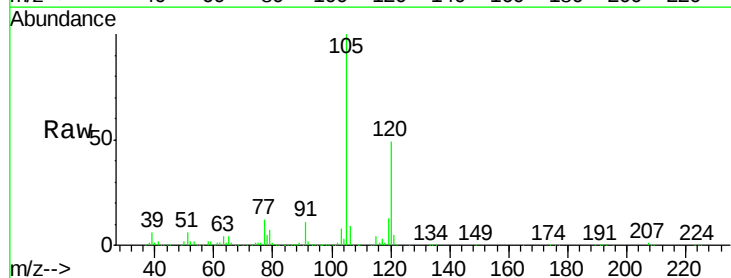
Acq: 01 Oct 2020 14:36

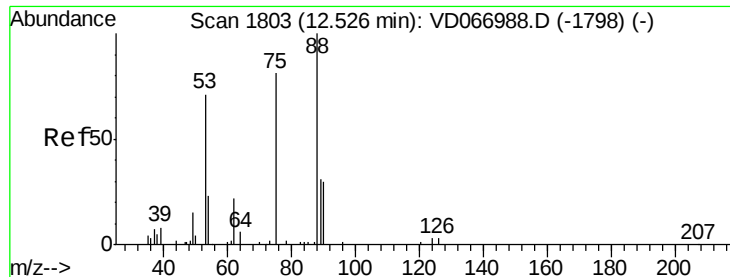
Tgt Ion: 105 Resp: 1009742

Ion Ratio Lower Upper

105 100

120 49.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.860 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Instrument :

MSVOA_D

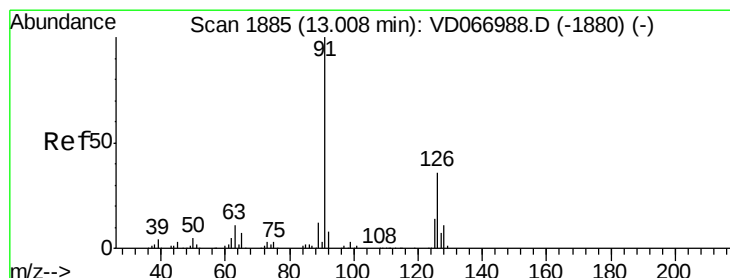
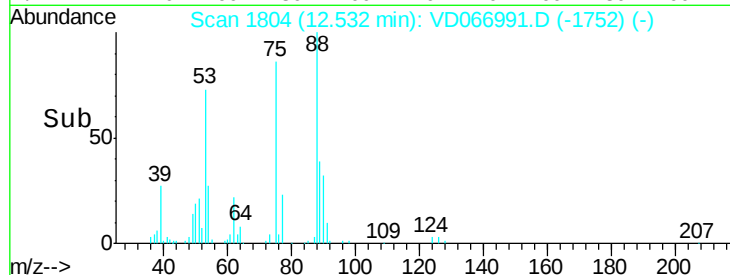
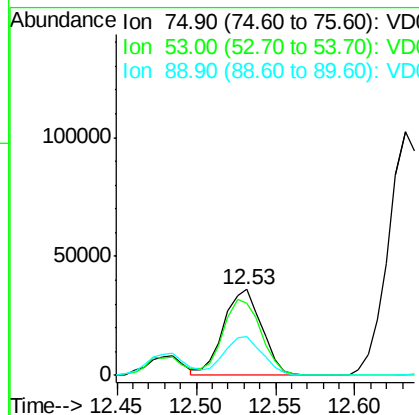
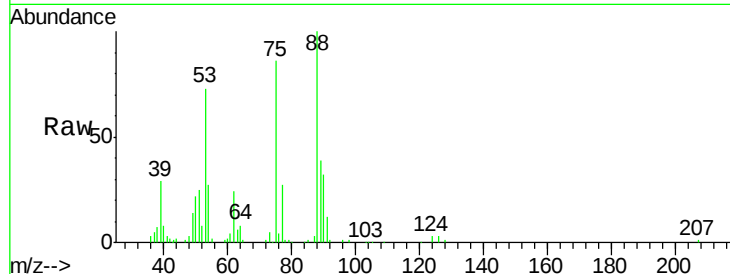
ClientSampleId :

ICVVD100120

Tot Ion:	75	Resp:	60869
Ion	Ratio	Lower	Upper
75	100		
53	89.2	73.8	110.6
89	45.1	38.9	58.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.047 ug/l

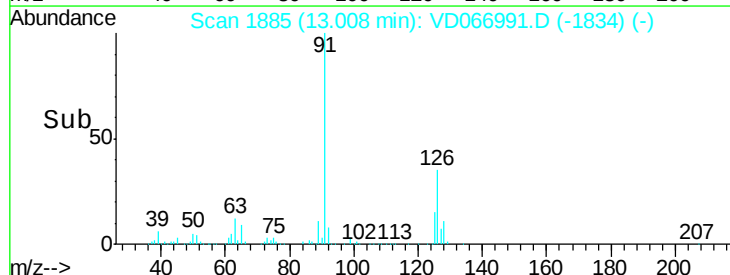
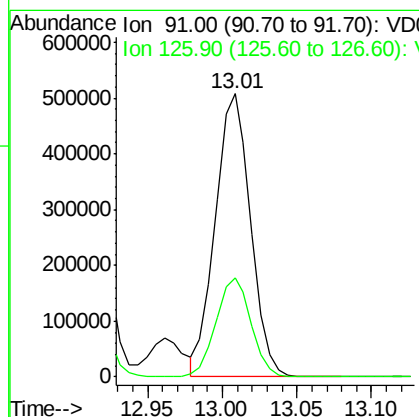
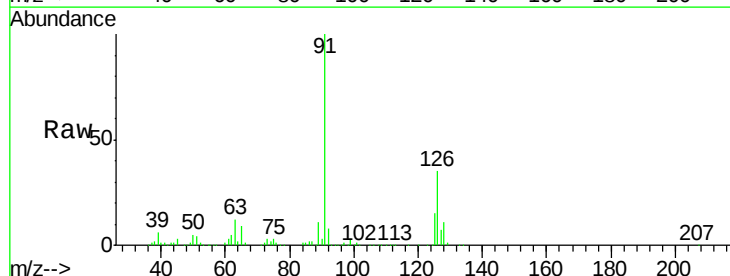
RT: 13.01 min Scan# 1885

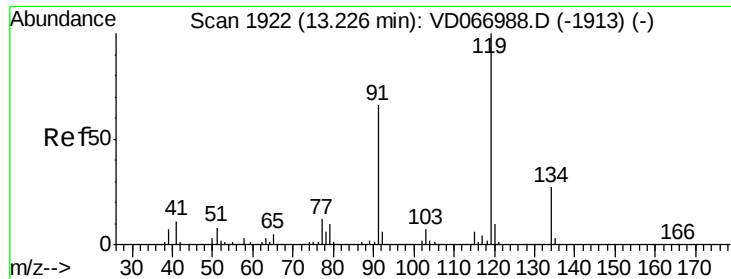
Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion:	91	Resp:	837739
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.5	52.5





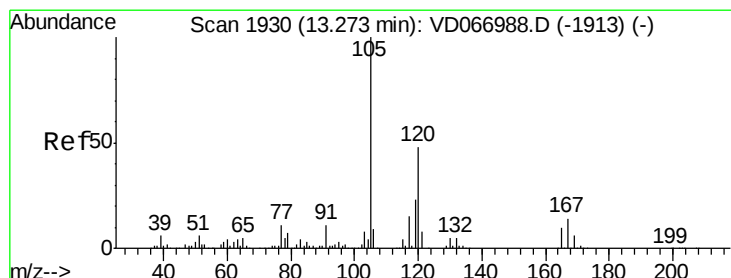
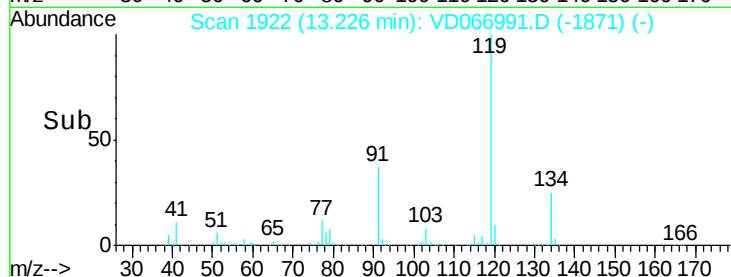
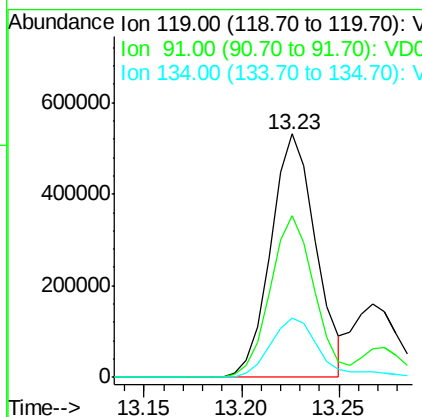
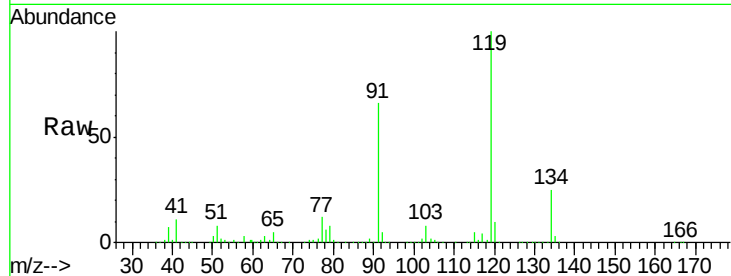
#83
tert-Butylbenzene
Concen: 52.307 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Resp	Lower	Upper
119	100	848927		
91	65.3	32.8	98.3	
134	27.1	13.9	41.7	

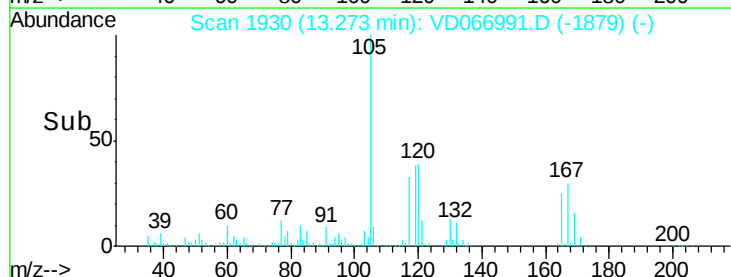
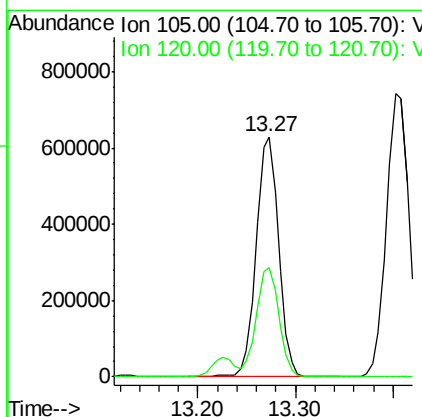
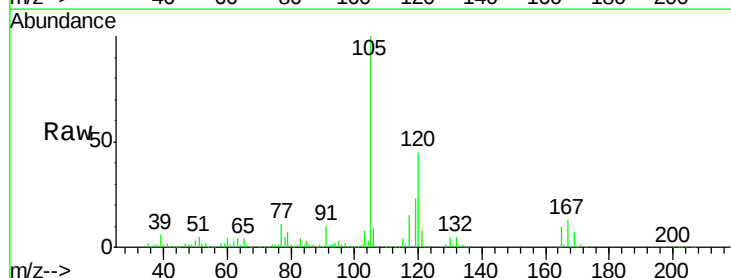
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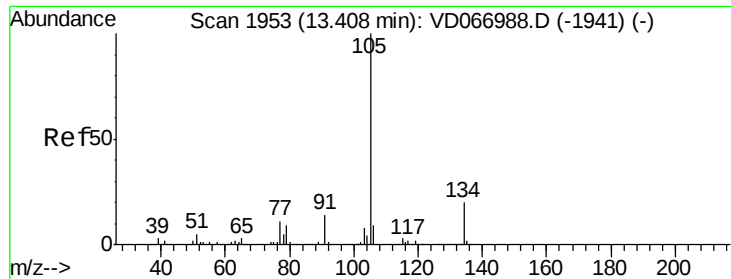
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.492 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1009626		
120	46.0	23.3	69.8	





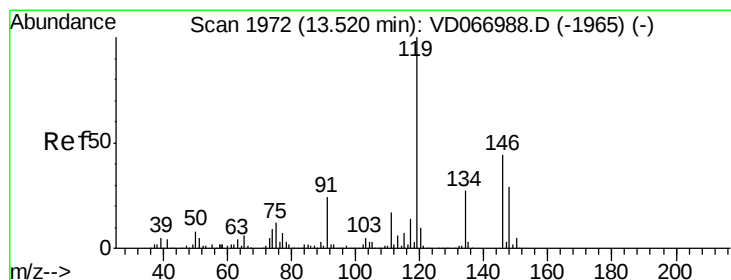
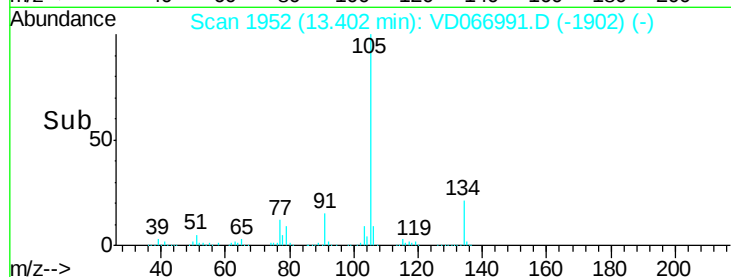
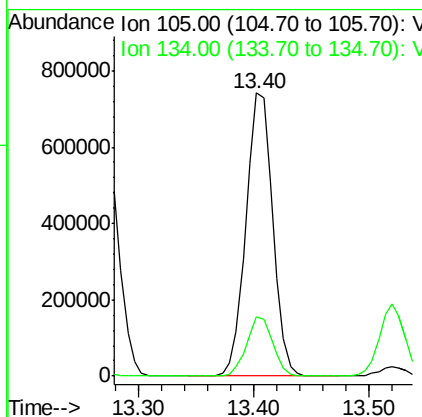
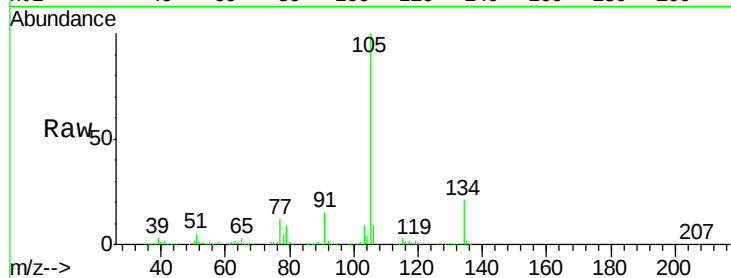
#85
 sec-Butylbenzene
 Concen: 52.485 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion:105 Resp: 1199566
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8

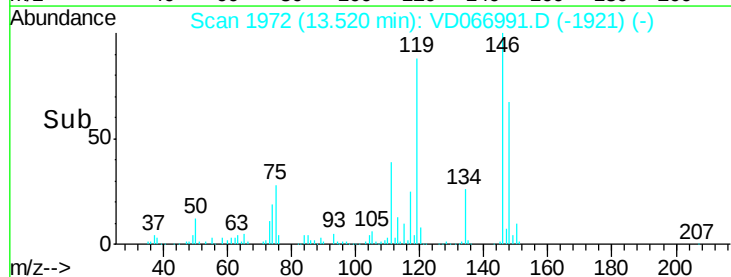
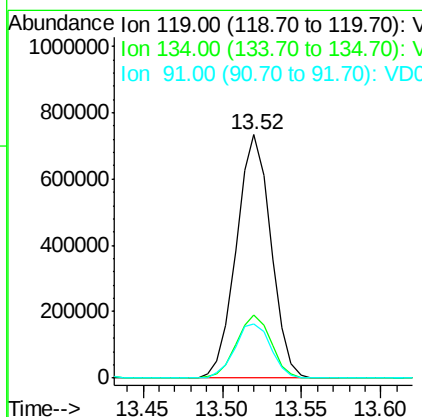
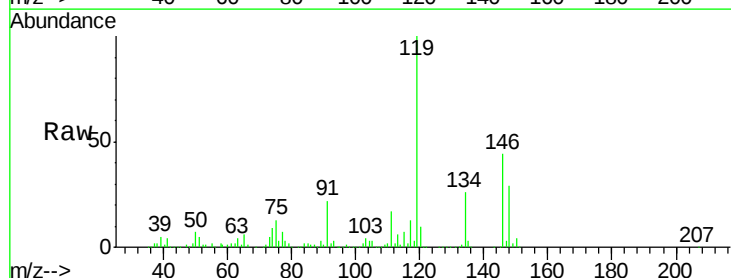
Manual Integrations
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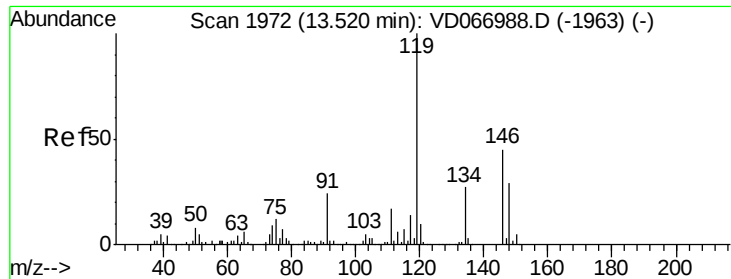
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#86
 p-Isopropyltoluene
 Concen: 52.358 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion:119 Resp: 1109456
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.3 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 49.631 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

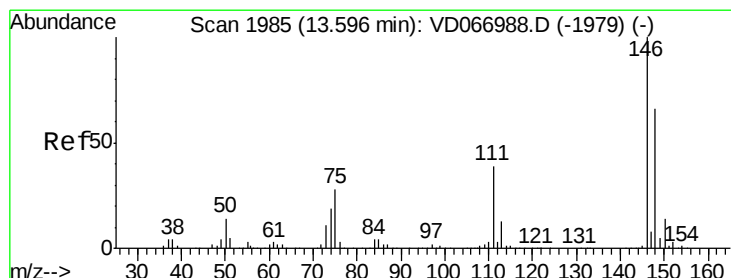
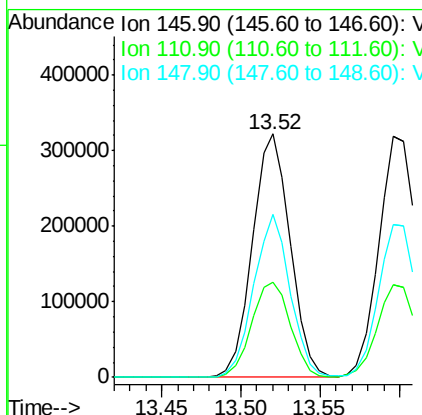
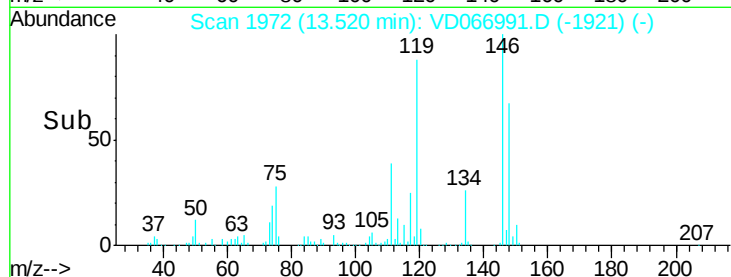
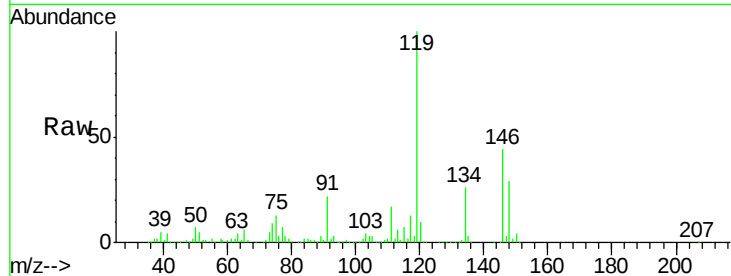
Instrument :
MSVOA_D

ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	64.8	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 49.553 ug/l

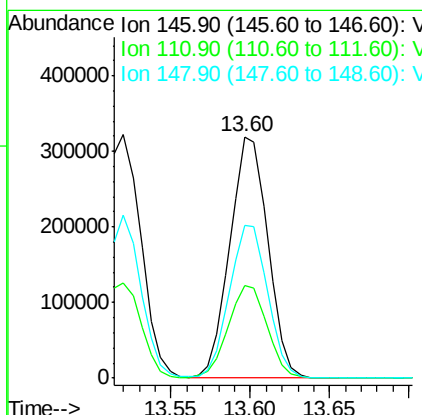
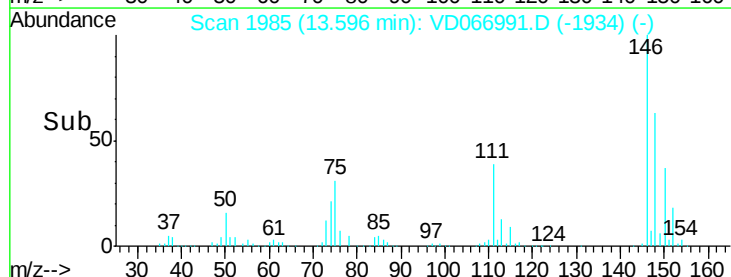
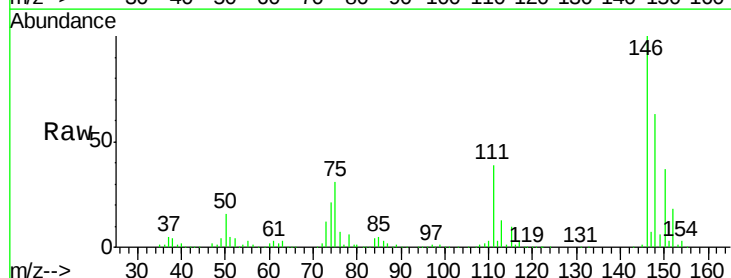
RT: 13.60 min Scan# 1985

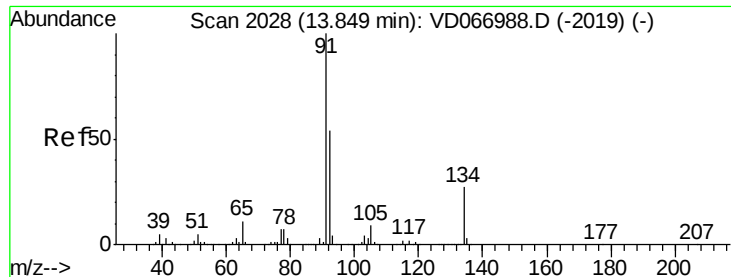
Delta R.T. 0.00 min

Lab File: VD066991.D

Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	63.8	32.6	97.7





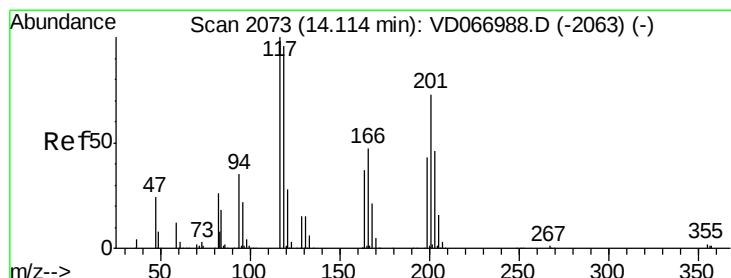
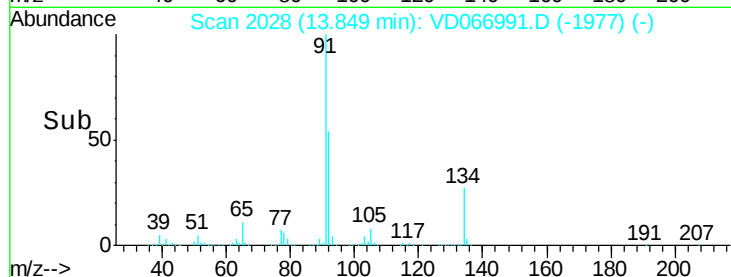
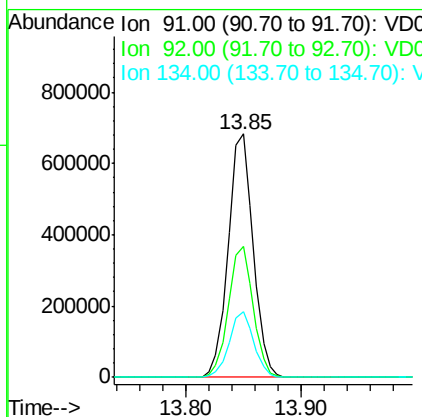
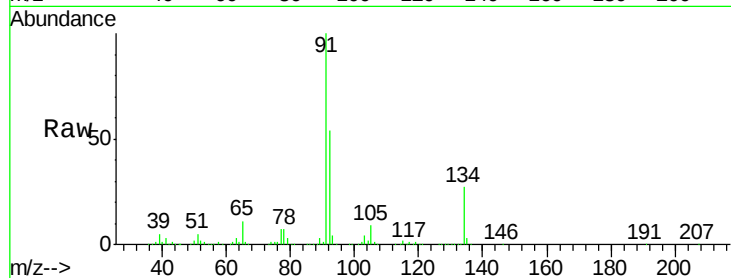
#89
n-Butylbenzene
Concen: 52.642 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion: 91 Resp: 1019444
Ion Ratio Lower Upper
91 100
92 53.4 27.1 81.2
134 26.4 13.6 40.8

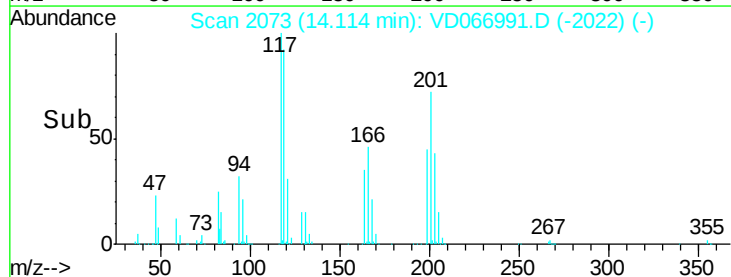
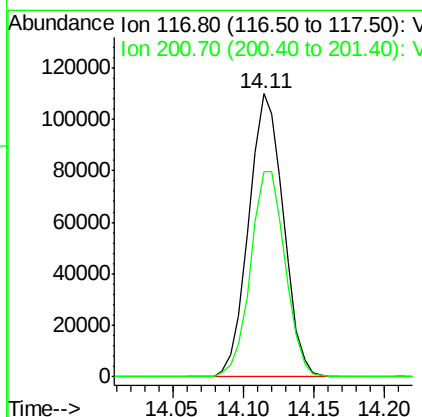
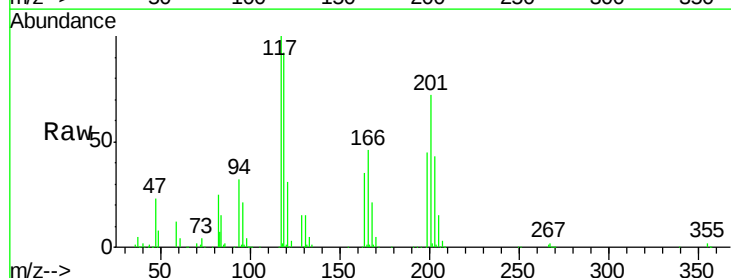
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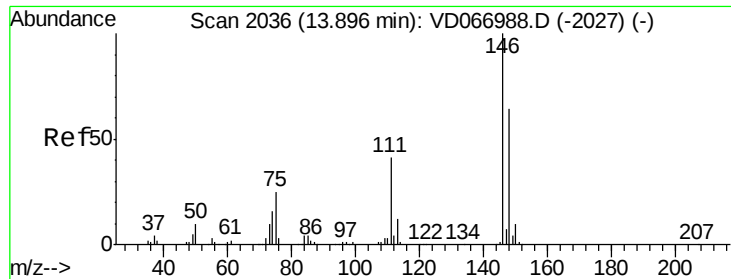
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#90
Hexachloroethane
Concen: 51.215 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion: 117 Resp: 190096
Ion Ratio Lower Upper
117 100
201 72.5 37.0 110.9





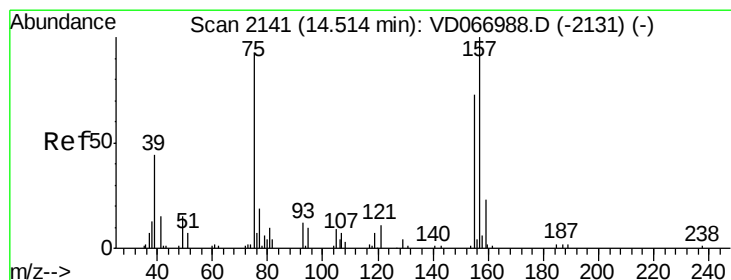
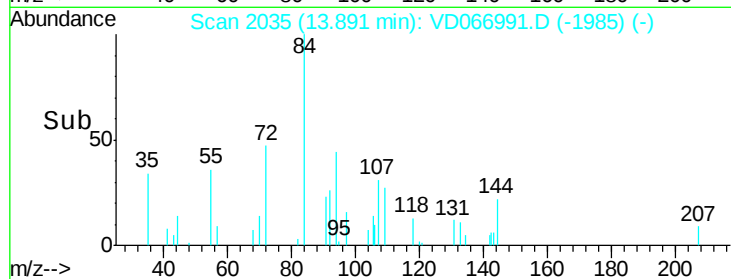
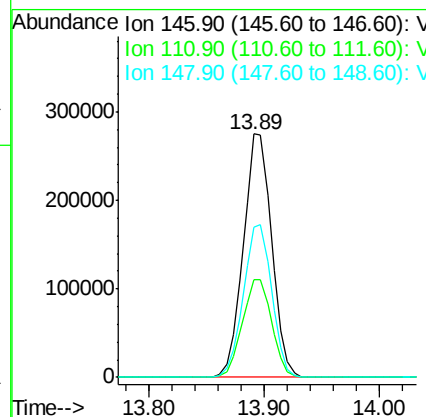
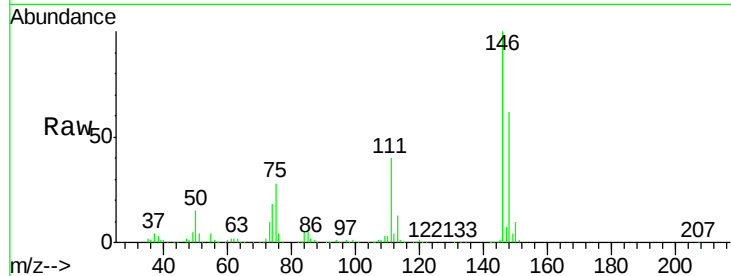
#91
 1,2-Dichlorobenzene
 Concen: 49.988 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ratio	Resp	Lower	Upper
146	100	468380		
111	41.4	20.9	62.7	
148	62.9	32.3	96.9	

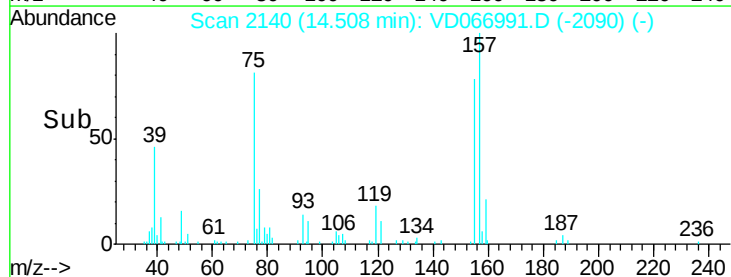
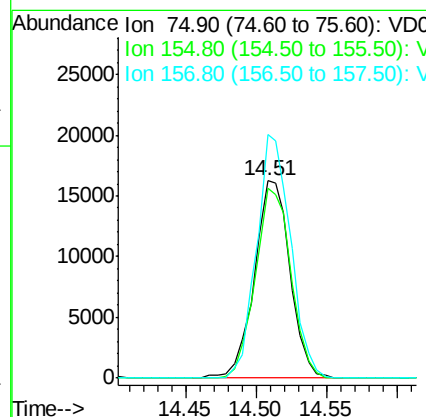
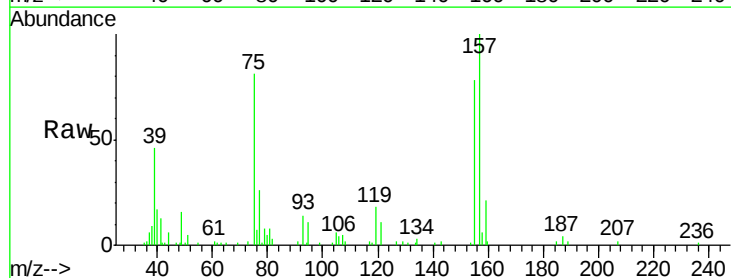
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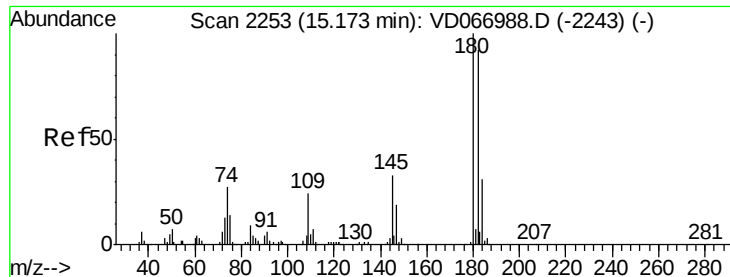
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.569 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28852		
155	95.6	45.2	135.6	
157	117.6	56.3	168.8	





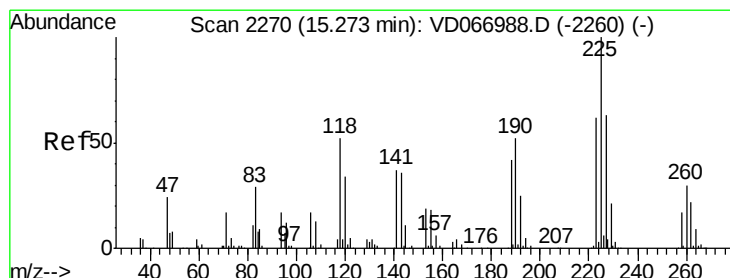
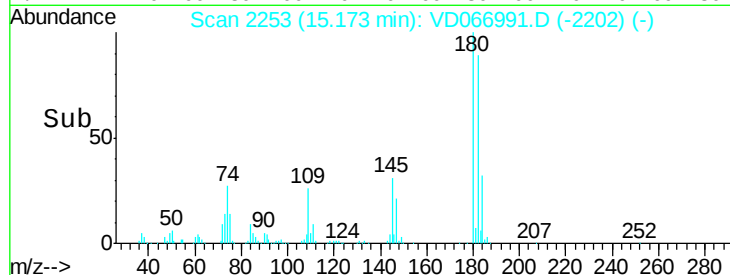
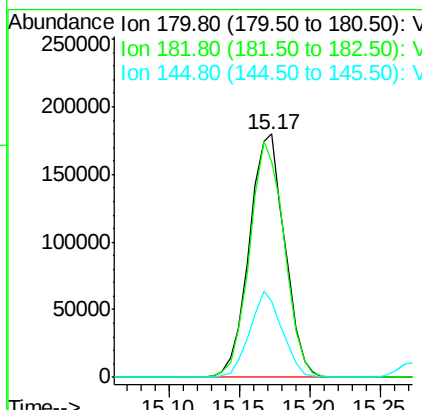
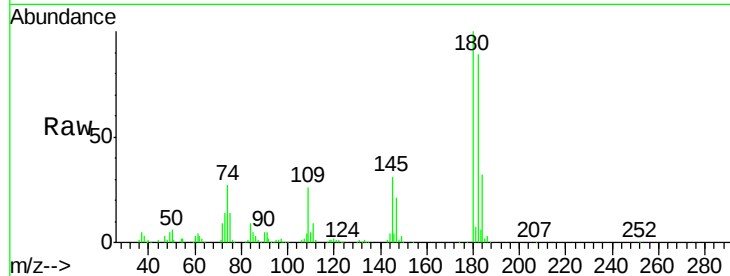
#93
 1,2,4-Trichlorobenzene
 Concen: 52.392 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD100120

Tot Ion	Ratio	Resp	Lower	Upper
180	100	317533		
182	95.0	47.3	142.0	
145	32.6	16.4	49.1	

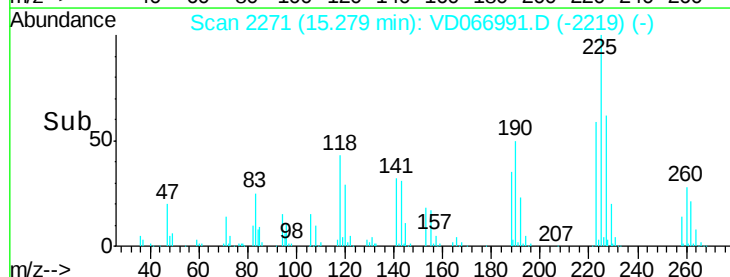
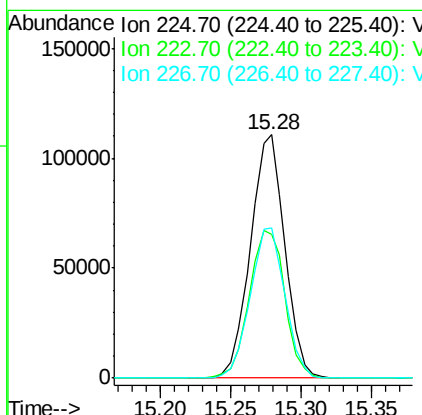
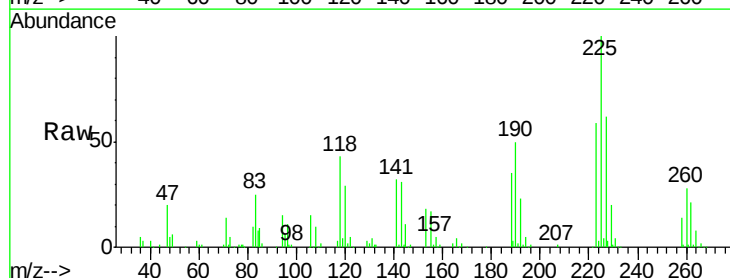
Manual Integrations
 APPROVED

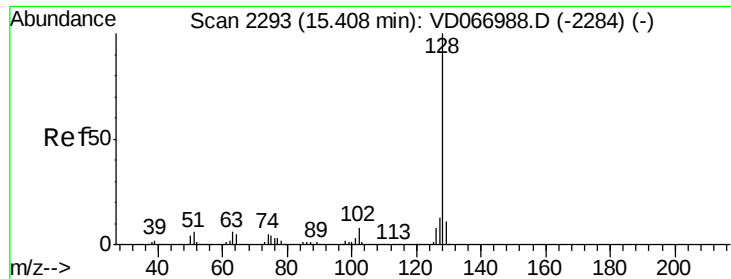
MMDadoda
 10/2/2020 3:13:28 PM



#94
 Hexachlorobutadiene
 Concen: 50.963 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066991.D
 Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189692		
223	62.8	32.4	97.0	
227	62.5	31.6	95.0	





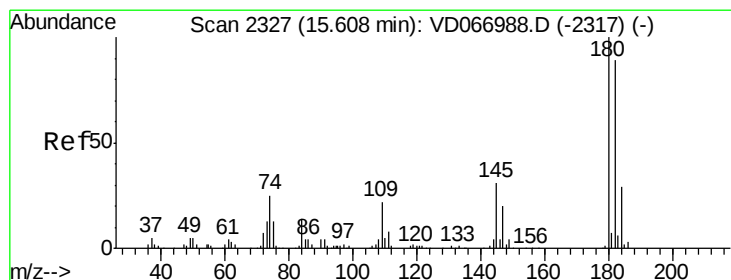
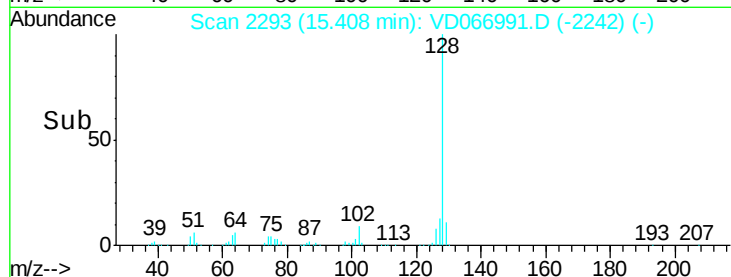
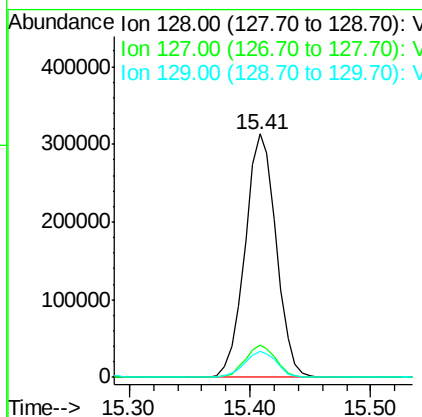
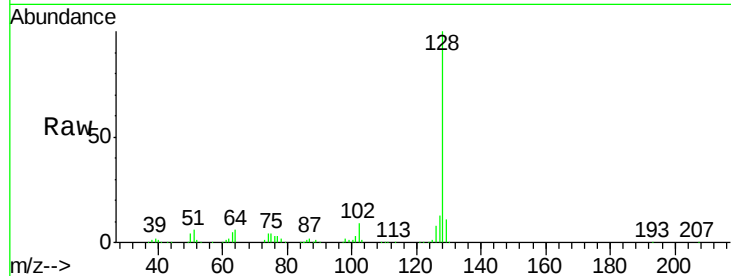
#95
Naphthalene
Concen: 55.527 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100120

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:13:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.145 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD066991.D
Acq: 01 Oct 2020 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.4	139.1
145	34.8	16.6	49.7

